

FRI-UW-8406  
August 1984

Skagit River Interim Agreement Studies

Volume I

Instream Flow Fish Habitat Analysis

APPENDICES

by

S. C. Crumley and Q. J. Stober

Final Report

for

City of Seattle  
Department of Lighting  
Office of Environmental Affairs  
Seattle, Washington

TABLE OF CONTENTS

<u>Volume 1</u>	<u>Page</u>
LIST OF FIGURES. . . . .	ix
LIST OF TABLES . . . . .	xii
LIST OF APPENDIX FIGURES . . . . .	xix
LIST OF APPENDIX TABLES. . . . .	xxxvi
ACKNOWLEDGMENTS. . . . .	xxxix
1.0 EXECUTIVE SUMMARY. . . . .	xxxix
2.0 INTRODUCTION . . . . .	1
3.0 DESCRIPTION OF STUDY AREA. . . . .	3
4.0 MATERIALS AND METHODS. . . . .	5
4.1 Biological Data. . . . .	5
4.1.1 Selection of Evaluation Species. . . . .	5
4.1.2 Periodicity, Frequency and Distribution. . . . .	5
4.2 Reach Selection. . . . .	10
4.3 Reach Surveys. . . . .	17
4.4 Discharge Measurements . . . . .	17
4.5 Tributary Inflow . . . . .	27
4.6 Hydraulic Simulation . . . . .	36
4.7 Probability-of-use Criteria. . . . .	54
4.7.1 Depth and Velocity . . . . .	54
4.7.2 Substrate. . . . .	56
4.8 Weighted Usable Area Predictions . . . . .	69
4.8.1 Reach-Habitat Response Curves. . . . .	69
4.8.2 River Habitat Response Curves. . . . .	69
4.8.2.1 Reach-Segment Extrapolation . . . . .	69
4.8.2.2 Indexing Reach Discharge to Gorge Powerhouse. . . . .	70
4.9 IFIM Interpretation. . . . .	75
4.9.1 Direct Application of Habitat-Discharge Curves . . . . .	75
4.9.2 Effective Spawning Habitat Models. . . . .	77
4.9.2.1 IFG Model . . . . .	77
4.9.2.2 FRI Model . . . . .	80
4.10 Evaluation of Natural (pre-project) Flows. . . . .	84

	<u>Page</u>
5.0 RESULTS . . . . .	87
5.1 WUA Predictions. . . . .	87
5.1.1 Reach Habitat Response Curves . . . . .	87
5.1.1.1 Nose vs. Mean Column Velocities . . . . .	87
5.1.1.2 Predicted versus Utilized Habitat. . . . .	92
5.1.2 River Habitat Response Curves . . . . .	97
5.2 Effective Spawning Habitat Models. . . . .	99
5.3 Evaluation of Natural Flows. . . . .	109
6.0 DISCUSSION. . . . .	120
6.1 WUA Predictions. . . . .	120
6.1.1 Reach Habitat-Response Curves . . . . .	120
6.1.1.1 Nose vs. Mean Column Velocities . . . . .	121
6.1.1.2 Predicted Versus Utilized Habitat. . . . .	121
6.1.1.3 River Habitat Response Curves.	121
6.2 Effective Spawning Habitat Models. . . . .	122
6.3 Evaluation of Natural Flows. . . . .	123
6.4 Side-channel Habitat . . . . .	123
7.0 PROCEDURE TO ESTABLISH MONTHLY MINIMUM AND MAXIMUM REGULATED GORGE RELEASES. . . . .	123
8.0 REFERENCES. . . . .	125
APPENDICES. . . . .	127
 <u>Volume II - Chapter 1</u>	
LIST OF FIGURES . . . . .	iii
LIST OF TABLES. . . . .	iv
1.0 ABSTRACT . . . . .	vi

	<u>Page</u>
<u>Volume II - Chapter 1 (continued).</u>	
2.0 ACKNOWLEDGMENTS . . . . .	viii
3.0 INTRODUCTION. . . . .	1
3.1 Historical Background. . . . .	1
3.2 Study Objectives . . . . .	2
4.0 MATERIALS AND METHODS . . . . .	3
4.1 Experimental Design. . . . .	3
4.2 Selection of Study Sites . . . . .	3
4.3 Survey Techniques. . . . .	4
4.4 Monitoring of Fry Abundance. . . . .	6
4.5 Stream Flow Data . . . . .	6
4.6 Data Analysis. . . . .	7
4.7 Stability of Fry Populations . . . . .	7
4.8 Fry Size . . . . .	8
4.9 Associated Observations. . . . .	8
4.9.1 Test for Uniqueness of Sample Sites . . . . .	8
4.9.2 Pothole Fry Stranding . . . . .	9
5.0 RESULTS . . . . .	9
5.1 Fry Abundance. . . . .	9
5.2 Stream Flow. . . . .	13
5.3 Downramp Lagtime . . . . .	13
5.4 Fry Stranding. . . . .	15
5.5 Fry Population Stability . . . . .	22
5.6 Fry Size . . . . .	26
5.7 Associated Observations. . . . .	26
5.7.1 Uniqueness of Sample Sites. . . . .	26
5.7.2 Pothole Fry Stranding . . . . .	29
6.0 DISCUSSION. . . . .	31
6.1 Downramp Rate vs. Fry Stranding. . . . .	31
6.2 Downramp Time vs. Fry Stranding. . . . .	32
6.3 Fry Habitat vs. Fry Stranding. . . . .	33
7.0 CONCLUSIONS . . . . .	35
8.0 LITERATURE CITED. . . . .	37

	<u>Page</u>
<u>Volume II - Chapter 2</u>	
INTRODUCTION . . . . .	40
METHODS. . . . .	40
RESULTS AND DISCUSSION . . . . .	41
Steelhead Redd Surveys. . . . .	41
Steelhead Fry Stranding . . . . .	43
REFERENCES . . . . .	54
APPENDIX A . . . . .	55
SURVEY REACH BAR SLOPES. . . . .	55
<u>Volume III</u>	
SUPPLEMENTAL PROGRAMS TO IFG PHABSIM SYSTEM. . . . .	1
Program and Data Storage. . . . .	1
Notation Conventions. . . . .	3
Program Description and Operation . . . . .	4
I. Weighted Usable Area Programs. . . . .	4
A. WUA1 - Reach Weighted Usable Area Versus Discharge Program . . . . .	4
WUA2 - River Weighted Usable Area Versus Discharge Program . . . . .	6
WUA3 - Optimized River Weighted Usable Area Versus Discharge Program . . . . .	9
II. Effective Spawning Habitat Program . . . . .	10
A. BEDELV and Related Program. . . . .	10
Support Program SUMMIT. . . . .	11
Support Program ELEVATE . . . . .	12
Support Program HABTAT. . . . .	13
Program BEDELV. . . . .	13
B. EFSPWN . . . . .	14
MAXPROG - Processing output of BEDELV and/or EFSPWN . . . . .	15
WUA2EFF - Effective Spawning Data in WUA2- like Format. . . . .	16
SUMTAB - Summary Tables for Final Report . .	18

Volume III (continued).

APPENDIX 1 - Program, Submit File, and Small Data File Listings. . . . .	20
WUA1/XEQ. . . . .	21
WUA1FIX/XEQ . . . . .	22
WUA2/XEG. . . . .	23
WUA3/XEG. . . . .	24
SPSWT01 . . . . .	25
SPSWTE1 . . . . .	26
LABF. . . . .	27
CONDTNS . . . . .	29
LABF1 . . . . .	30
LABF2 . . . . .	32
LABF3 . . . . .	34
WUA1. . . . .	36
WUA2. . . . .	40
WUA2A . . . . .	48
WUA3. . . . .	56
SUMMIT. . . . .	60
ELEVATE . . . . .	61
XEQBED. . . . .	63
BEDELV. . . . .	64
BEDELV1 . . . . .	69
XEQEFSP . . . . .	74
EFSPWN. . . . .	75
MAXPROG . . . . .	78
CCOND . . . . .	79
CLABF . . . . .	80
SCOND . . . . .	84
SLABF . . . . .	85
SCONDA. . . . .	89
SLABFA. . . . .	90
SCONDB. . . . .	94
SLABFB. . . . .	95
WUA2EF2 . . . . .	99
WUA2EF3 . . . . .	105
XSUMTAB . . . . .	111
SUMTAB. . . . .	112
APPENDIX 2 - Fileset listings and file itemizations for files stored on magnetic tape . . . . .	114
APPENDIX 3 - UW Academic Computer Center Document N85, PF2TAPE/TAPE2PF . . . . .	157
Chapter 1 - Introduction . . . . .	158
Chapter 2 How PF2TAPE and TAPE2PF Work . . . . .	159

Volume III (continued)

Chapter 3	
PF2TAPE Examples . . . . .	160
Chapter 4	
TAPE2PF Examples . . . . .	163
Chapter 5	
More Examples. . . . .	164
Chapter 6	
Recommended Procedures and Possible Pitfalls . . . . .	166
A. Using PF2TAPE Defaults. . . . .	166
B. Using TAPE2PF Defaults. . . . .	166
C. Warnings and Restrictions . . . . .	166
Chapter 7	
PF2TAPE Parameter List . . . . .	168
Chapter 8	
TAPE2PF Parameter List . . . . .	171
Chapter 9	
Error Messages . . . . .	173
Appendix A - Sample Output of PF2TAPE(LO=F,P=0) . . . . .	176
Appendix B - Sample Listing Produced by TAPE2PF (L=file- name,RF=LSCAN) . . . . .	177
Appendix C - Sample Listing Produced by TAPE2PF(LO=F, RF=LSCAN). . . . .	178

LIST OF FIGURES

Volume I

<u>Number</u>		<u>Page</u>
1	Skagit River instream flow study area. . . . .	2
2	Timing of life stages of salmonids in the Skagit River. . . . .	6
3	Flow diagram for the IFIM methodology used to develop river habitat response curves. . . . .	14
4	Skagit River profile illustrating instream flow segment boundaries (1-8) and the change in elevation from Gorge Powerhouse to the Baker River . . . . .	16
5	Island instream flow study reach number 1 and RM 91.5 on the Skagit River. . . . .	18
6	Sky Creek instream flow study reach number 2 at RM 88.4 on the Skagit River. . . . .	19
7	Copper Creek instream flow study reach number 3 at RM 83.3 on the Skagit River . . . . .	20
8	Indian Bar instream flow study reach number 4 at RM 82.1 on the Skagit River. . . . .	21
9	Marblemount instream flow study reach number 5 at RM 78.5 on the Skagit River. . . . .	22
10	Marblemount slough instream flow study reach number 6 at RM 78.4 on a side channel of the Skagit River . . . . .	23
11	Corkindale instream flow study reach number 7 at RM 74.0 on the Skagit River. . . . .	24
12	Barr Creek instream flow study reach number 8 at RM 70.5 on the Skagit River. . . . .	25
13	Flow diagram illustrating some of the IFIM interpretation procedures. . . . .	76
14	Concept of effective spawning area ( $A_{ES}$ ) is illustrated. At incubation flow A and C effective spawning area is maximized using the IFG program. At incubation flow B the effective spawning area is maximized using the FRI program. At incubation flow D the area lost ( $A_L$ ) is subtracted from the original spawned area ( $A_S$ ) to determine the effective spawning area ( $A_{ES}$ ). . . . .	79

<u>Number</u>		<u>Page</u>
15	Adjusted and unadjusted bed elevation calculation points (mid-point of watered portion of cell) for spawning flow A, $M_1$ and spawning flow B, $M_2$ . . . . .	82
16	Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (September) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for chinook using the IFG effective spawning habitat model . . . .	101
17	Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (September) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for chinook using the FRI effective spawning habitat model . . . . .	102
18	Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (October) at the .90(D), .50(D), and .10(W) tributary inflow exceedance probabilities for pink using the IFG effective spawning habitat model . . . . .	103
19	Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (October) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for pink using the FRI effective spawning habitat model. . . . .	104
20	Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (December) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for chum using the IFG effective spawning habitat model . . . . .	105

<u>Number</u>		<u>Page</u>
21	Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (December) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for chum using the FRI effective spawning habitat model . . . . .	106
22	Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (May) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for steelhead using the IFG effective spawning habitat model . . . . .	107
23	Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (15000-7000 cfs) during the peak spawning month (May) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for steelhead using the FRI effective spawning habitat model . . . . .	108

Volume II - Chapter 1

1	Skagit Basin study area. . . . .	5
2	Downramp rate vs. fry stranding for daylight and darkness downramping at the Marblemount study site . .	23
3	Downramp rate vs. fry stranding for daylight and darkness downramping at the Rockport study site. . . .	24

Volume II - Chapter 2

1	Stage and duration for County Line, Marblemount, and Rockport site bar-slope measurements . . . . .	61
---	---	----

LIST OF TABLES

Volume I

<u>Number</u>		<u>Page</u>
1	Estimated date to 50% hatch and emergence for spawning occurring after start, peak and end of the spawning season for chinook, pink and chum salmon and steelhead trout based on a 23 year average of Alma Creek temperature records. . . . .	8
2	Relative percent activity derived for life stages of salmonid species in the Skagit River. . . . .	9
3	Chinook salmon redd distribution counts made by Washington Department of Fisheries from helicopter surveys of the Skagit River from Newhalem to the Sauk River for the years 1975-1982 . . . . .	11
4	Pink salmon spawning distribution determined by Washington Department of Fisheries from Rockport to Newhalem for the years 1969 and 1977. . . . .	12
5	Chum salmon spawning distribution determined by Washington Department of Fisheries from Rockport to Newhalem for the years 1976-1979. . . . .	12
6	Steelhead redd distribution counts made by Washington Department of Game from helicopter surveys of the Skagit River from the Sauk River to Newhalem for the years 1975-1983 . . . . .	13
7	Skagit River study area from Gorge Powerhouse to Sauk River with river mile locations of study segment boundaries, reaches and major species spawning in each reach . . . . .	15
8	Drainage area of the Skagit River basin to USGS gaging stations (calculated by USGS) and study reaches (calculated by SCL) at indicated river miles. . . . .	28
9	Tributary inflow between indicated USGS gaging stations on the Skagit River at the .90, .50 and .10 exceedance probabilities determined by USGS using a Log Pearson III analyses . . . . .	29
10	Monthly tributary inflow from Newhalem to Reach 1, Island; Reach 2, Sky Creek; and Reach 3, Copper Creek, at the .90, .50 and .10 exceedance probabilities. . . . .	31

<u>Number</u>		<u>Page</u>
11	Tributary inflow from Newhalem to Reach 4, Indian Bar at the .90, .50, .10 exceedence probabilities based on A) equation (1), B) equation (2) and C) mean of equations (1) and (2). . . . .	33
12	Tributary inflow from Newhalem to Reach 5, Marblemount at the .90, .50 and .10 exceedence probabilities based on A) equation (1), B) equation (2) and C) the mean of equations (1) and (2). . . . .	34
13	Monthly discharge at .90, .50 and .10 exceedence probabilities for tributaries of the Skagit River below Marblemount. . . . .	35
14	Monthly tributary inflow from Newhalem to A) Reach 7, Corkindale and B) Reach 8, Barr Creek, at the .90, .50, and .10 exceedence probabilities. . .	37
15	Monthly tributary inflow (Gorge to study reach) at each of three exceedence probabilities for each study reach rounded to nearest 100 cfs . . . . .	38
16	Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 1, Island Site. . . . .	40
17	Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 2, Sky Creek. . . . .	41
18	Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 3, Copper Creek . . . . .	42
19	Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 4, Indian Bar . . . . .	43
20	Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharge for each transect at Reach 5, Marblemount. . . . .	44

<u>Number</u>		<u>Page</u>
21	Measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 6, Marblemount Slough. . . . .	45
22	Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharge for each transect at Reach 7, Corkindale . . . . .	46
23	Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharge for each transect at Reach 8, Barr Creek. . . . .	47
24	Error ranges and qualitative classification for calibration of IFG-4 hydraulic simulation model. . . .	48
25	Cumulative percent of velocity adjustment factors within qualitative error ranges for flows simulated for the A) river habitat response curves and B) the effective spawning habitat model for indicated reaches. . . . .	49
26	Cumulative percent of velocity prediction errors within qualitative error ranges for indicated reaches.	52
27	Summary of the probability of use criteria for the Skagit River instream flow analysis. . . . .	58
28	Instream Flow Group substrate code based on modified Wentworth particle size scale . . . . .	64
29	Substrate code for coho juvenile as used by Chapman and provided by P. Wampler, FWS. . . . .	64
30	Proposed Washington State Substrate Code for use in IFIM studies. . . . .	65
31	Approximate code equivalents for Washington State, Instream Flow Group, and Chapman substrate coding systems. . . . .	66
32	Reach extrapolation factors determined from ratio of redds in the segment to redds in reach based on aerial photographs of chinook salmon redds taken on September 21, 1976 and October 6, 1980. . . . .	71

<u>Number</u>		<u>Page</u>
33	Reach extrapolation factors determined from ratio of redds in the segment to redds in the reach based on a helicopter survey, aerial photographs and field observations of pink salmon redds conducted on October 11, 1977, October 14, 1981 and October 13, 1983 . . . . .	72
34	Reach extrapolation factors determined from ratio of redds in the segment to redds in the reach based on helicopter surveys of steelhead trout redds from 1980-1983. . . . .	73
35	Estimated percent distribution of chinook, pink and chum salmon and steelhead trout by river segment derived from WDF and WDG spawning survey data and redd mapping and aerial photographs taken by FRI . . .	74
36	Natural monthly Skagit River discharge at Newhalem at the .90, .50 and .10 exceedance probabilities for 1945-1970. . . . .	85
37	Natural spawning and incubation flows for specific years selected by SCL for evaluation with the IFG and FRI effective spawning habitat models. . . . .	86
38	Discharge associated with the peak of WUA vs discharge curve for each species/life stage by mainstem Skagit River study reach. . . . .	88
39	Discharge associated with the peaks of the habitat response curves derived from spawning criteria based on mean column and nose velocities and percent change in the WUA at the peaks . . . . .	89
40	Discharge associated with the peaks of the habitat efficiency curves resulting from spawning criteria based on mean column and nose velocities, and percent change in habitat efficiency (HE) at the peaks.	90
41	Estimated minimum Gorge releases required to provide adequate incubation flow to Marblemount Slough based on field observations on October 1, 1983 . . . .	93
42	Comparison of utilization of study reaches by chinook salmon as determined from aerial photographs of chinook salmon redds taken on September 21, 1976 and October 6, 1980 and predicted spawning WUA for Gorge releases of 2,000 and 3,000 cfs. . . . .	94

<u>Number</u>		<u>Page</u>
43	Comparison of percent utilization of study reaches by pink salmon as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, respectively and predicted spawning WUA for Gorge releases of 2,000 and 3,000 cfs. . . . .	95
44	Comparison of percent utilization of study reaches by steelhead trout as determined from redd mapping by FRI during surveys with the Washington Department of Game from 1980 to 1983 and predicted WUA for Gorge releases of 4000, 5000 and 6000 cfs at median tributary inflow . . . . .	96
45	Gorge releases providing maximum spawning habitat for each evaluation species based on the reach extrapolation procedure at monthly tributary inflow exceedance probabilities of .90, .50 and .10 . . . . .	98
46	The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the IFG effective spawning program for chinook salmon . . . . .	111
47	The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the FRI effective spawning program based on egg depth for chinook salmon. . . . .	112
48	The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the IFG effective spawning program for pink salmon . . . . .	113
49	The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the FRI effective spawning program based on egg depth for pink salmon. . . . .	114
50	The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the IFG effective spawning program for chum salmon. . . . .	115
51	The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the FRI effective spawning program based on egg depth for chum salmon. . . . .	116

<u>Number</u>		<u>Page</u>
52	The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the IFG effective spawning program for steelhead trout. . . . .	117
53	The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the FRI effective spawning program based on egg depth for steelhead trout. . . . .	118

Volume II - Chapter 1

1	Abundance of salmon fry as indicated by electrofishing and numbers stranded by species for the Thornton Creek/County Line study site (no. 1) 1980, 1981, and 1982. . .	10
2	Abundance of salmon fry as indicated by electrofishing and numbers stranded by species for the Marblemount study site (no. 2) 1980, 1981, 1982, and 1983. . . . .	11
3	Abundance of salmon fry as indicated by electrofishing and numbers stranded by species for the Rockport study site (no. 3) 1980, 1981, 1982, and 1983. . . . .	12
4	Stream flow data during the downramping studies, 1980, 1981, 1982, and 1983 . . . . .	14
5	Site-specific downramping data for March 19, 1982 (in feet). . . . .	16
6	Site-specific downramping data for March 30, 1982 (in feet). . . . .	17
7	Downramping data for the Rockport site by date 1982 Gage heights are in feet . . . . .	18
8	Data pairs and paired t statistics for daylight and darkness downramping at the Marblemount and Rockport study sites. . . . .	21
9	Chinook fry marking and recovery data for the Marblemount and Rockport study sites, 1982 . . . . .	25
10	Length data for chinook fry collected from 1980-1982, fork length in millimeters (mm). . . . .	27
11	Total fry stranded by site and date for all surveys, including the "blitz," during 1983 . . . . .	28
12	Observations of fry stranded in potholes near the Rockport study site, 1982 and 1983 . . . . .	30

<u>Number</u>		<u>Page</u>
<u>Volume II - Chapter 2</u>		
1	1983 Department of Game/Seattle City Light aerial steelhead spawning surveys . . . . .	45
2	Summary of Department of Game aerial steelhead spawning surveys for Skagit River, 1975 through 1983 . . . . .	46
3	Summary of Department of Game aerial steelhead spawning surveys for Sauk River, 1975 through 1983 . .	49
4	Estimated escapement of winter-run steelhead to Skagit River system by sub-basin, 1977-78 through 1982-83 run cycles . . . . .	51
5	Skagit system winter steelhead total run size data 1977-78 through 1982-83 (WDG 1983) . . . . .	52
6	Summary of the number of steelhead fry stranded per gravel bar, abundance determined by electrofishing, average length, ramp rate and timing for 1983. . . . .	53

LIST OF APPENDIX FIGURES

<u>Number</u>		<u>Page No.</u>
<u>Volume I - Appendix B</u>		
1	Velocity, depth and substrate probability of use criteria for fall spawning chinook . . . . .	149
2	Velocity and depth probability of use criteria for spawning chinook salmon in the Skagit River. . . . .	151
3	Substrate probability of use criteria (Washington State Coding System) for spawning chinook salmon in the Skagit River. . . . .	152
4	Velocity, depth and substrate probability of use criteria for chinook fry . . . . .	153
5	Velocity and depth probability of use criteria for chinook salmon fry in the Skagit River . . . . .	154
6	Substrate probability of use criteria (Washington State Coding System) for chinook salmon fry in the Skagit River. . . . .	155
7	Velocity, depth and substrate probability of use criteria for spawning pink salmon. . . . .	158
8	Velocity and depth probability of use criteria for spawning pink salmon in the Skagit River . . . . .	160
9	Substrate probability of use criteria (Washington State Coding System) for spawning pink salmon in the Skagit River . . . . .	161
10	Velocity, depth and substrate probability of use criteria for spawning chum salmon. . . . .	162
11	Velocity and depth probability of use criteria for spawning chum salmon in the mainstem of the Skagit River . . . . .	164
12	Velocity and depth probability of use criteria for spawning chum salmon in side channels of the Skagit River . . . . .	165

Appendix B (cont.)

13	Substrate probability of use criteria (Washington State Coding System) for spawning chum salmon in the Skagit River . . . . .	166
14	Velocity, depth and substrate probability of use criteria for winter spawning steelhead . . . . .	167
15	Velocity and depth probability of use criteria for spawning steelhead trout in the Skagit River . . . . .	170
16	Substrate probability of use criteria (Washington State Coding System) for spawning steelhead trout in the Skagit River. . . . .	171
17	Velocity, depth and substrate probability of use criteria for winter steelhead fry. . . . .	172
18	Velocity and depth probability of use criteria for steelhead trout fry. . . . .	174
19	Substrate probability of use criteria (Washington State Coding System) for steelhead trout fry. . . . .	175
20	Velocity, depth and substrate probability of use criteria for winter juvenile steelhead . . . . .	176
21	Velocity and depth probability of use criteria for steelhead trout juveniles. . . . .	178
22	Substrate probability of use criteria (Washington State Coding System) for steelhead trout juveniles . . . . .	179
23	Velocity, depth and substrate probability of use criteria for winter adult steelhead. . . . .	180
24	Velocity and depth probability of use criteria for steelhead trout adults . . . . .	182
25	Substrate probability of use criteria (Washington State Coding System) for steelhead trout adults. . . . .	183
26	Velocity, depth and substrate probability of use criteria for spawning coho salmon. . . . .	184
27	Velocity and depth probability of use criteria for spawning coho salmon . . . . .	187
28	Substrate probability of use criteria (Washington State Coding System) for spawning coho salmon. . . . .	189

<u>Number</u>		<u>Page No.</u>
<u>Appendix B (cont.)</u>		
29	Velocity, depth and substrate probability of use criteria for coho salmon fry . . . . .	190
30	Velocity and depth probability of use criteria for coho salmon fry. . . . .	191
31	Substrate probability of use criteria (Washington State Coding System) for coho salmon fry . . . . .	192
32	Velocity, depth and substrate probability of use criteria for juvenile coho . . . . .	193
33	Velocity and depth probability of use criteria for coho salmon juveniles. . . . .	195
34	Substrate probability of use criteria (Washington State Coding System) for coho salmon juveniles . . . . .	196
35	Velocity, depth and substrate probability of use criteria for spawning rainbow trout. . . . .	197
36	Velocity and depth probability of use criteria for spawning rainbow trout . . . . .	199
37	Substrate probability of use criteria (Washington State Coding System) for spawning rainbow trout. . . . .	200
38	Velocity, depth and substrate probability of use criteria for rainbow trout fry . . . . .	201
39	Velocity and depth probability of use criteria for rainbow trout fry. . . . .	203
40	Substrate probability of use criteria (Washington State Coding System) for rainbow trout fry . . . . .	204
41	Velocity, depth and substrate probability of use criteria for juvenile rainbow trout. . . . .	206
42	Velocity and depth probability of use criteria for rainbow trout juveniles. . . . .	208
43	Substrate probability of use criteria (Washington State Coding System) for rainbow trout juveniles . . . . .	209
44	Velocity, depth and substrate probability of use criteria for adult rainbow trout . . . . .	210

<u>Number</u>		<u>Page No.</u>
<u>Appendix B (cont.)</u>		
45	Velocity and depth probability of use criteria for rainbow trout adults . . . . .	212
46	Substrate probability of use criteria (Washington State Coding System) for rainbow trout adults. . . . .	213
47	Velocity, depth and substrate probability of use criteria for spawning Dolly Varden . . . . .	214
48	Velocity and depth probability of use criteria for spawning Dolly Varden. . . . .	216
49	Substrate probability of use criteria (Washington State Coding System) for spawning Dolly Varden . . . . .	217
50	Velocity, depth and substrate probability of use criteria for Dolly Varden fry. . . . .	218
51	Velocity and depth probability of use criteria for Dolly Varden fry . . . . .	219
52	Substrate probability of use criteria (Washington State Coding System) for Dolly Varden fry. . . . .	220
53	Velocity, depth and substrate probability of use criteria for juvenile Dolly Varden . . . . .	221
54	Velocity and depth probability of use criteria for Dolly Varden juveniles . . . . .	222
55	Substrate probability of use criteria (Washington State Coding System) for Dolly Varden juveniles. . . . .	223
56	Velocity, depth and substrate probability of use criteria for spawning cutthroat trout. . . . .	224
57	Velocity and depth probability of use criteria for spawning cutthroat trout . . . . .	227
58	Substrate probability of use criteria (Washington State Coding System) for spawning cutthroat trout. . . . .	228
59	Velocity, depth and substrate probability of use criteria for cutthroat trout fry . . . . .	229
60	Velocity and depth probability of use criteria for cutthroat trout fry. . . . .	231

Appendix B (cont.)

61	Substrate probability of use criteria (Washington State Coding System) for cutthroat trout fry . . . . .	232
62	Velocity, depth and substrate probability of use criteria for juvenile cutthroat trout. . . . .	233
63	Velocity and depth probability of use criteria for cutthroat trout juveniles. . . . .	235
64	Substrate probability of use criteria (Washington State Coding System) for cutthroat trout juveniles . . .	236
65	Velocity, depth and substrate probability of use criteria for adult cutthroat trout . . . . .	237
66	Velocity and depth probability of use criteria for cutthroat trout adults . . . . .	239
67	Substrate probability of use criteria (Washington State Coding System) for cutthroat trout adults. . . . .	240
68	Velocity, depth and substrate probability of use criteria for spawning mountain whitefish . . . . .	241
69	Velocity and depth probability of use criteria for spawning mountain whitefish. . . . .	243
70	Substrate probability of use criteria (Washington State Coding System) for spawning mountain whitefish . .	244
71	Velocity, depth and substrate probability of use criteria for mountain whitefish fry. . . . .	245
72	Velocity and depth probability of use criteria for mountain whitefish fry . . . . .	247
73	Substrate probability of use criteria (Washington State Coding System) for mountain whitefish fry. . . . .	248
74	Velocity, depth and substrate probability of use criteria for juvenile mountain whitefish . . . . .	249
75	Velocity and depth probability of use criteria for mountain whitefish juveniles . . . . .	251
76	Substrate probability of use criteria (Washington State Coding System) for mountain whitefish juveniles. .	252

Appendix B (cont.)

77	Velocity, depth and substrate probability of use criteria for adult mountain whitefish. . . . .	253
78	Velocity and depth probability of use criteria for mountain whitefish adults. . . . .	255
79	Substrate probability of use criteria (Washington State Coding System) for mountain whitefish adults . . .	256

Appendix C

1	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 1 in the Skagit River. . . . .	275
2	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 2 in the Skagit River. . . . .	276
3	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 3 in the Skagit River. . . . .	277
4	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 4 in the Skagit River. . . . .	278
5	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 5 in the Skagit River. . . . .	279
6	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 7 in the Skagit River. . . . .	280

Appendix C (cont.)

7	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 8 in the Skagit River. . . . .	281
8	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 1 in the Skagit River . .	282
9	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 2 in the Skagit River . .	283
10	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 3 in the Skagit River . .	284
11	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 4 in the Skagit River . .	285
12	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 5 in the Skagit River . .	286
13	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 7 in the Skagit River . .	287
14	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 8 in the Skagit River . .	288
15	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 1 in the Skagit River . .	289

Appendix C (cont.)

16	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 2 in the Skagit River . .	290
17	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 3 in the Skagit River . .	291
18	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 4 in the Skagit River . .	292
19	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 5 in the Skagit River . .	293
20	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 7 in the Skagit River . .	294
21	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 8 in the Skagit River. . . . .	295
22	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 1 in the Skagit River . . . . .	296
23	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 2 in the Skagit River . . . . .	297
24	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 3 in the Skagit River . . . . .	298

Appendix C (cont.)

25	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 4 in the Skagit River . . . . .	299
26	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 5 in the Skagit River . . . . .	300
27	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 7 in the Skagit River . . . . .	301
28	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages in reach 8 in the Skagit River. . . . .	302
29	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 1 in the Skagit River . . . . .	303
30	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 2 in the Skagit River . . .	304
31	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 3 in the Skagit River . . . . .	305
32	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 4 in the Skagit River . . .	306
33	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 5 in the Skagit River . . .	307

Appendix C (cont.)

34	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 7 in the Skagit River . . .	308
35	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 8 in the Skagit River . . .	309
36	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 1 in the Skagit River . . . . .	310
37	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 2 in the Skagit River . . . . .	311
38	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 3 in the Skagit River . . . . .	312
39	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 4 in the Skagit River . . . . .	313
40	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 5 in the Skagit River . . . . .	314
41	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 7 in the Skagit River . . . . .	315

Appendix C (cont.)

42	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 8 in the Skagit River . . . . .	316
43	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 1 in the Skagit River . . . . .	317
44	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 2 in the Skagit River . . . . .	318
45	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 3 in the Skagit River . . . . .	319
46	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 4 in the Skagit River . . . . .	320
47	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 5 in the Skagit River . . . . .	321
48	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 7 in the Skagit River . . . . .	322
49	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 8 in the Skagit River . . . . .	323

Appendix C (cont.)

50	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile, and spawning life stages at reach 1 in the Skagit River. . .	324
51	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 2 in the Skagit River. . .	325
52	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 3 in the Skagit River. . .	326
53	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 4 in the Skagit River. . .	327
54	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 5 in the Skagit River. . . . .	328
55	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 7 in the Skagit River. . .	329
56	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 8 in the Skagit River. . .	330
57	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 1 in the Skagit River . . . . .	331
58	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 2 in the Skagit River . . . . .	332

Appendix C (cont.)

59	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 3 in the Skagit River . . . . .	333
60	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 4 in the Skagit River . . . . .	334
61	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 5 in the Skagit River . . . . .	335
62	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 7 in the Skagit River . . . . .	336
63	WUA in ft <sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 8 in the Skagit River . . . . .	337

Appendix D

1	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 1 in the Skagit River . . . . .	339
2	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 1 in the Skagit River . . . . .	340

Appendix D (cont.)

3	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 2 in the Skagit River . . . .	341
4	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 2 in the Skagit River . . . .	342
5	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 3 in the Skagit River . . . .	343
6	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 3 in the Skagit River . . . .	344
7	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 4 in the Skagit River . . . .	345
8	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 4 in the Skagit River . . . .	346
9	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 5 in the Skagit River . . . .	347
10	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 5 in the Skagit River . . . .	348

Appendix D (cont.)

11	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 6 in the Skagit River . . . .	349
12	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 7 in the Skagit River . . . .	350
13	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steel-head trout calculated from nose and mean column velocity spawning criteria at reach 7 in the Skagit River . . . .	351
14	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 8 in the Skagit River . . . .	352
15	Comparison of WUA in ft <sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steel-head trout calculated from nose and mean column velocity spawning criteria at reach 8 in the Skagit River . . . .	353

Appendix E

1	Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Island instream flow study reach number 1 at RM 91.5 on the Skagit River. . . . .	355
2	Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Sky Creek instream flow study reach number 2 at RM 88.4 on the Skagit River. . . . .	356
3	Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Copper Creek instream flow study reach number 3 at RM 83.3 on the Skagit River. . . . .	357

Appendix E (cont.)

4	Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Indian Bar instream flow study reach number 4 at RM 82.1 on the Skagit River. . . . .	358
5	Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Marblemount instream flow study reach number 5 at RM 78.5 on the Skagit River. . .	359
6	Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Corkindale instream flow study reach number 7 at RM 74.0 on the Skagit River. . . . .	360
7	Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Barr Creek instream flow study reach number 8 at RM 70.5 on the Skagit River. . . . .	361
8	Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Island instream flow study reach number 1 at RM 91.5 on the Skagit River. . .	362
9	Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Sky Creek instream flow study reach number 2 at RM 88.4 on the Skagit River. . . . .	363
10	Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Copper Creek instream flow study reach number 3 at RM 83.3 on the Skagit River. . . . .	364
11	Pink salmon spawning distribution as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Indian Bar instream flow study reach number 4 at RM 82.1 on the Skagit River. . .	365

Appendix E (cont.)

12	Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Marblemount instream flow study reach number 5 at RM 78.5 on the Skagit River. . .	366
13	Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Corkindale instream flow study reach number 7 at RM 74.0 on the Skagit River. . .	367
14	Pink salmon spawning distribution, as determined from a helicopter survey aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Barr Creek instream flow study reach number 8 at RM 70.5 on the Skagit River. . .	368
15	Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Island instream flow study reach number 1 at RM 91.5 on the Skagit River. . . . .	369
16	Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Copper Creek instream flow study reach number 3 at RM 83.3 on the Skagit River . . . . .	370
17	Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Indian Bar instream flow study reach number 4 at RM 82.1 on the Skagit River . . . . .	371
18	Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Marblemount instream flow study reach number 5 at RM 78.5 on the Skagit River . . . . .	372
19	Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Corkindale instream flow study reach number 7 at RM 74.0 on the Skagit River . . . . .	373
20	Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Barr Creek instream flow study reach number 8 at RM 70.5 on the Skagit River . . . . .	374

LIST OF APPENDIX TABLES

<u>Number</u>		<u>Page No.</u>
<u>Volume I - Appendix A</u>		
1	Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 1, Island Site. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined. . . . .	128
2	Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 2, Sky Creek. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined. . . . .	130
3	Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 3, Copper Creek. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined. . . . .	132
4	Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 4, Indian Bar. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined. . . . .	134
5	Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 5, Marblemount. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined. . . . .	137
6	Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 6, Marblemount Slough. The VAFs corresponding to the best estimate of measured high and low calibration discharges of reach transect are underlined. . . . .	140
7	Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 7, Corkindale. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined. . . . .	141

Appendix A (cont.)

8	Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 8, Barr Creek. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined . . . . .	144
---	---	-----

Appendix B

1.	Habitat probability of use coordinates for chinook salmon spawning. Substrate curve coordinates recoded to Washington classification system. . . . .	150
2	Habitat probability of use coordinates for chinook salmon fry. Substrate curve coordinates recoded to Washington classification system. . . . .	156
3	Habitat probability of use coordinates for pink salmon spawning. Substrate curve coordinates recoded to Washington classification system. . . . .	159
4	Habitat probability of use coordinates for chum salmon spawning. Substrate curve coordinates recoded to Washington classification system . . . . .	163
5	Habitat probability of use coordinates for steelhead spawning. Substrate curve coordinates recoded to Washington classification system . . . . .	168
6	Steelhead fry substrate probability of use coordinates recoded to Washington classification system . . . . .	173
7	Habitat probability of use coordinates for steelhead trout juveniles. Substrate coordinates recoded to Washington classification system; WDG-recommended changes in parentheses . . . . .	177
8	Habitat probability of use coordinates for steelhead trout adults. Substrate curve coordinates recoded to Washington classification system. . . . .	181
9	Habitat probability of use coordinates for coho salmon spawning. Substrate curve coordinates recoded to Washington classification system; changes to curves recommended by WDF staff are in parentheses. . . . .	186
10	Coho salmon fry substrate probability of use coordinates recoded to Washington classification system . . . . .	188

<u>Number</u>		<u>Page No.</u>
<u>Appendix B (cont.)</u>		
11	Habitat probability of use coordinates for coho salmon juveniles. Substrate curve coordinates recoded to Washington classification system. . . . .	194
12	Rainbow trout spawning substrate probability of use coordinates recoded to Washington classification system. . . . .	198
13	Rainbow trout fry substrate probability of use coordinates recoded to Washington classification system . . . . .	202
14	Rainbow trout juvenile substrate probability of use coordinates recoded to Washington classification system. . . . .	207
15	Rainbow trout adult substrate probability of use coordinates recoded to Washington classification system . . . . .	211
16	Dolly Varden spawning substrate probability of use coordinates recoded to Washington classification system . . . . .	215
17	Cutthroat trout spawning substrate probability of use coordinates recoded to Washington classification system . . . . .	225
18	Habitat probability of use coordinates for cutthroat trout fry. Substrate curve coordinates recoded to Washington classification system . . . . .	230
19	Cutthroat trout juvenile substrate probability of use coordinates recoded to Washington classification system . . . . .	234
20	Cutthroat trout adult substrate probability of use coordinates recoded to Washington classification system . . . . .	238
21	Mountain whitefish spawning substrate probability of use coordinates recoded to Washington classification system. . . . .	242
22	Mountain whitefish fry substrate probability of use coordinates recoded to Washington classification system . . . . .	246

<u>Number</u>		<u>Page No.</u>
<u>Appendix B (cont.)</u>		
23	Mountain whitefish juvenile substrate probability of use coordinates recoded to Washington classification system . . . . .	250
24	Mountain whitefish adult substrate probability of use coordinates recoded to Washington classification system . . . . .	254
25	A listing of the coordinates of the velocity, depth and substrate probability-of-use criteria curves by species/life stage utilized in the Skagit River instream flow analysis . . . . .	258
	References . . . . .	271
<u>Appendix F</u>		
1	River habitat response curves with mean column and nose velocity (n) spawning criteria (N = nose velocity). . . . .	376
<u>Appendix G</u>		
1	Gorge release (cfs) providing indicated % of max effective spawning WUA - chinook . . . . .	G1
2	Gorge release (cfs) providing indicated % of max effective spawning WUA - pink. . . . .	G106
3	Gorge release (cfs) providing indicated % of max effective spawning WUA - chum. . . . .	G196
<u>Appendix H</u>		
1	Gorge release (cfs) providing indicated % of max effective spawning WUA - chinook . . . . .	H1
2	Gorge release (cfs) providing indicated % of max effective spawning WUA - pink. . . . .	H106
3	Gorge release (cfs) providing indicated % of max effective spawning WUA - chum. . . . .	H196
<u>Appendix I</u>		
4	Gorge release (cfs) providing indicated % of max effective spawning WUA - steelhead . . . . .	I1

Appendix J

4	Gorge release (cfs) providing indicated % of max effective spawning WUA - steelhead . . . . .	J1
4	Gorge release (cfs) providing indicated % of max effective spawning WUA - steelhead (part 2). . . . .	J1

Appendix K

1	The percentage of the maximum effective spawning WUA for natural flows of spawning year 1954 using the IFG effective spawning program for chinook salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected. . . . .	K1
2	The percentage of the maximum effective spawning WUA for natural flows of spawning year 1954 using the FRI effective spawning program based on egg depth for chinook salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected. . . . .	K2
3	The percentage of the maximum effective spawning WUA for natural flows of spawning year 1956 using the IFG effective spawning program for pink salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected. . . . .	K3
4	The percentage of the maximum effective spawning WUA for natural flows of spawning year 1956 using the FRI effective spawning program based on egg depth for pink salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected. . . . .	K4
5	The percentage of the maximum effective spawning WUA for natural flows of spawning years 1978 and 1980 using the IFG effective spawning program for chum salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected . . . . .	K5
6	The percentage of the maximum effective spawning WUA for natural flows of spawning years 1978 and 1980 using the FRI effective spawning program based on egg depth for chum salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected. . . . .	K6

Appendix K (cont.)

7	The percentage of the maximum effective spawning WUA for natural flows of spawning years 1948, 1957 and 1980 using the IFG effective spawning program for steelhead trout. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected. . . . .	K7
8	The percentage of the maximum effective spawning WUA for natural flows of spawning years 1948, 1957 and 1980 using the FRI effective spawning program based on egg depth for steelhead trout. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected . . . . .	K8

Volume II - Appendix A

1	Bar-slope calculations for Hoopers Slough on 3/26/82 . .	56
2	Bar-slope calculations for Eagle Bar on 3/26/83. . . . .	57
3	Bar-slope measurements for Marblemount (site no. 2) site on 4/21/82. . . . .	58
4	Bar-slope measurements for County Line site on 4/21/82. . . . .	59
5	Bar-slope measurements for Rockport site on 4/21/82. . .	60

## 1.0 EXECUTIVE SUMMARY

A quantitative instream flow study using the U.S. Fish and Wildlife Service Instream Flow Incremental Methodology (IFIM) was conducted on the Skagit River from Newhalem to Rockport to determine the salmon and steelhead habitat discharge requirements. The Skagit is the largest river flowing into Puget Sound and is hydraulically complicated by a large tributary inflow and rapid frequent fluctuations in discharge due to hydroelectric generation at the Seattle City Light Skagit Projects.

Eight study reaches were selected on the river and hydraulic measurements were made at three calibration discharges following established methods. Considerable effort was expended to achieve accuracy in the discharge measurements at each reach to ensure validity of the hydraulic parameter values predicted from the IFG-4 hydraulic simulation models.

A standard IFIM analysis using PHABSIM was conducted for nine salmonid species and 26 associated life history stages indigenous to the river. In order to conduct this analysis all the available probability-of-use criteria for each species/life stage were reviewed to identify the criteria to be used in this study. Prior historical depth, velocity and substrate data existed for spawning Skagit River chinook, pink and chum salmon and steelhead trout and these data were developed into river specific probability-of-use criteria. A comparative study showed that the Skagit River species preferred higher velocities and depths and larger substrate than indicated in studies of populations of the same species in other rivers. Optional spawning criteria using nose velocity were developed for comparison with the mean water column velocity based criteria.

The IFIM HABTAT program was used to simulate the physical habitat

(weighted usable area (WUA) versus discharge curves) for each of the 26 species/life stages for each study reach in the river. All reach habitat response curves are presented, however, only the spawning life stage for chinook, pink and chum salmon and steelhead trout using the dual criteria for mean water column and nose velocity were utilized in further analyses.

A procedure was used to extrapolate the reach habitat response curves to each respective river segment to determine river habitat response curves. This procedure converted WUA in the reach to a percent of the maximum WUA to remove units of physical measurement. These reach percentages, which were considered to represent the segment, were weighted according to segment species spawning distribution. The segment curves were then indexed to the hydraulic control point at Gorge Powerhouse to assess the effect of various releases on downstream habitat due to tributary inflow at each of three exceedance probabilities (.90, .50 and .10).

A river habitat response curve was developed by summing the weighted reach WUA as a percent of the maximum WUA associated with like discharges for the same segments. This was done for each of the four evaluation species and three tributary inflow exceedance probabilities by month. The monthly Gorge releases providing the maximum spawning habitat (peak of river habitat response curves) were substantially lower than those which occur naturally or could physically be provided under a regulated regime. Therefore, the conventional approach of providing the flows which maximize the habitat was not appropriate and an alternative methodology was developed.

An IFG effective spawning habitat model which utilizes incubation criteria based on water column depth and velocity and an effective spawning habitat program developed by FRI based on minimum egg depth within the gravel were used to determine the amount of habitat available with monthly incubation

flows for a range of regulated spawning discharges. Both models were used to determine habitat available at various incubation flows for Gorge spawning releases of 1400–7000 cfs (at 100 cfs increments) during the peak spawning month for each species. For chinook, pink and chum salmon peak spawning months were September, October and December, respectively while steelhead trout peaked in May. Additional analyses were conducted for steelhead spawning in March and April. To calculate the effective spawning habitat for a range of Gorge releases, it was necessary to 1) determine the effective spawning habitat at corresponding reach discharges based on tributary inflow, 2) index the reach back to Gorge, 3) extrapolate each reach to the associated river segment on the basis of weighted distribution of spawning activity and 4) sum the weighted percentage of the maximum effective spawning WUA for all segments.

The two effective spawning habitat models with dual reach extrapolation procedures were used to calculate Gorge releases required to provide a range of percentages (100.0, 99.99, 99.95, 99.9, 99.75, 99.5, 99.25, 99.0, 97.5, 95.0, 92.5 and 90.0) of the maximum effective spawning habitat for each spawning discharge of interest by month. A direct comparison of the results of both models indicated that for all species the FRI program generally required lower Gorge releases to maintain 100% of the maximum effective spawning habitat as defined by each program for spawning releases at the low to mid-range. At high spawning releases the IFG model was more variable frequently requiring lower Gorge releases than the FRI model due to a problem with elevation boundaries of partially watered cells. However, for percentages of the maximum effective spawning habitat less than 100% where the habitat in the marginal cells was lost, less of a problem existed. The percentages at which this occurred depended on the relationship between the

species spawning and incubation criteria and channel geometry but generally was in the range of 99.5 to 99.9%. At these percentages the FRI program required consistently lower incubation flows.

The output of both effective spawning habitat programs was used to predict the habitat available under natural spawning and incubation flows for each of the species (pre-project conditions). The analysis for chinook salmon indicated that a minimum of 95% of the maximum spawning habitat was maintained in all incubation months and tributary inflow conditions with the IFG model and reach extrapolation procedure. Using the FRI model a minimum of 98% of the habitat was maintained.

Percentages of the maximum effective spawning WUA for natural flow with pink and chum salmon were at least 94% for spawning flows at the .90 and .50 exceedance probabilities and incubation flows at the .90, .50 and .10 exceedance probabilities. However, high spawning flows followed by low incubation flows reduced the effective spawning habitat to 39 and 32% for pink and chum salmon, respectively, depending on incubation month and model used. Similar examples were developed for steelhead trout. These analyses indicated significant losses of habitat can occur under natural flow conditions.

A considerable amount of data is contained in this report which has been subjected to an array of analyses. These data can be subjected to further additional interpretations which will become meaningful once an instream flow negotiation process has been initiated. A procedure to establish monthly minimum and maximum regulated Gorge releases is outlined which could be incorporated into the negotiations.

## 2.0 Introduction

The City of Seattle began development of the hydroelectric potential of the Skagit River in the early 1900's. The Lighting Department of the City undertook a staged development of three dams: Gorge, Diablo and Ross, which were begun in 1919, 1927, and 1937, respectively. Plans for development included the multi-staged construction of Ross Dam which was completed to an elevation of 1,365 ft in 1940, to 1,500 ft in 1946, and to the present elevation of 1,615 ft in 1949. The presence and operation of these dams has altered the general flow of the Skagit River downstream of the Skagit Project.

Operational constraints in addition to those specified by Federal license were implemented in 1972 by informal agreement between the Washington Department of Fisheries (WDF) and Seattle City Light (SCL). Minimum flows were established during the period of peak juvenile salmon abundance in an effort to reduce the impact of dam operation on downstream fish survival.

In 1979, relicensing of these existing projects stimulated negotiations to obtain greater resolution of the relationships between regulated discharge and salmon and steelhead production. Representatives of the City of Seattle, Washington Departments of Fisheries and Game, Skagit System Indian Tribes, U.S. Fish and Wildlife Service, and U.S. National Marine Fisheries Service (Skagit Standing Committee) entered into a interim agreement (FERC Docket No. EL-78-36) regulating the rate and magnitude of flow fluctuation in the Skagit River. A quantitative instream flow analysis was required by the agreement to develop additional data on the effects of flow fluctuations on salmon and steelhead reproduction in the Skagit River utilizing the Instream Flow Incremental Methodology (IFIM) developed by the U.S. Fish and Wildlife Service. The objectives of this study were to 1) determine the releases

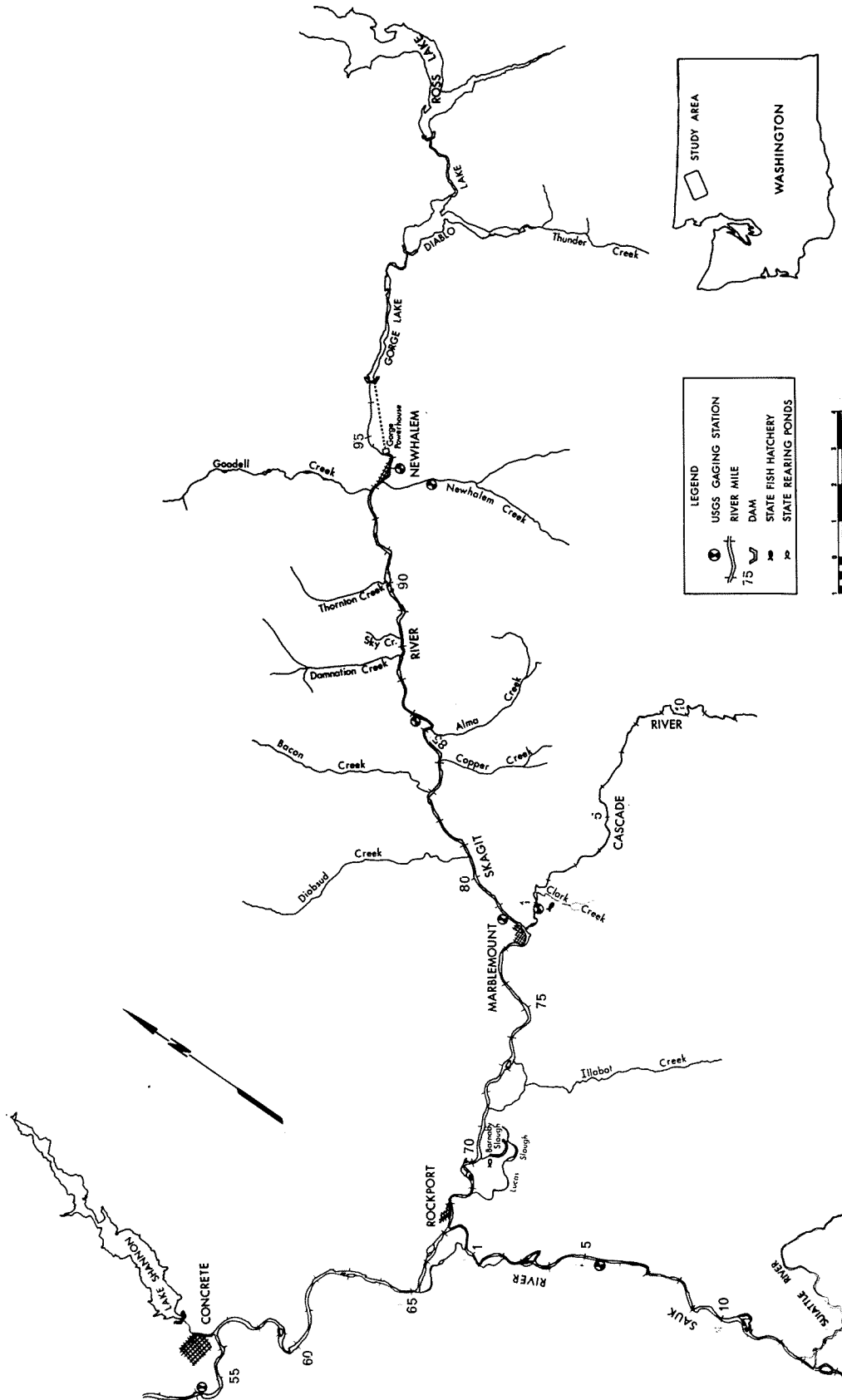


Figure 1. Skagit River instream flow study area.

required from Gorge Dam needed to maximize the habitat downstream for the mix of salmonid species/life history stages present in the river and 2) establish minimum monthly flows required for incubation given the range of possible regulated spawning discharges using the IFG and FRI effective spawning habitat programs.

### 3.0 Description of Study Area

The Skagit River, with headwaters in Canada, flows south across the international boundary through Ross, Diablo and Gorge reservoirs (Figure 1), then continues generally west where it enters Puget Sound near Mount Vernon, Washington. The Skagit is the largest river flowing into Puget Sound. There are three major tributaries to the Skagit River: the Cascade River, which flows in at the town of Marblemount at river mile (RM) 78.1; the Sauk River, which enters near Rockport at RM 67.0; and the Baker River, which flows in at Concrete at RM 56.5. Numerous additional small tributaries enter the Skagit River and are identified in Figure 1. The Cascade, Sauk, and Baker Rivers have mean annual flows of 1,040, 4,428, and 2,700 cfs, respectively (USGS data). A substantial inflow from numerous tributaries increased the mean annual Skagit River discharge (USGS) from 4,511 cfs at Newhalem to 5,688 cfs above Alma Creek and to 6,580 cfs near Marblemount just above the confluence with the Cascade River. Continuing downstream the mean annual flow (USGS) at Concrete, just below the Baker River, was 15,280 cfs and 16,980 cfs near Mount Vernon.

This study was conducted on the Skagit River between Gorge Powerhouse (RM 94.2) and the confluence of the Sauk River (RM 67.1). The 27.1 miles of Skagit River immediately downstream of the Gorge Powerhouse (Figure 1) are

most affected by hydroelectric power generation. This area is of major importance to the production of salmon and steelhead. The locations of the U.S. Geological Survey river gaging stations at Newhalem (RM 93.7), Alma Creek (RM 86.2) and Marblemount (RM 78.7) on the mainstem are indicated in Figure 1. The hourly, daily, monthly and seasonal changes in the Skagit River discharge have been illustrated by hydrographs recorded at the Newhalem and Marblemount river gages (Graybill et al. 1979 and Stober et al. 1982).

The long-term seasonal flow patterns for the Skagit River at Newhalem (natural) and Cascade Rivers are characterized by high flows during late spring and early summer and by low flows during late winter and late summer. The effect of regulation by the Skagit Hydroelectric Project on the Skagit River discharge has been to reduce the unregulated flows during May, June, and July resulting primarily from snowmelt, and to increase them for the remaining nine months, particularly from November through March. Daily operation of the hydroelectric power plants tend to make the Skagit River flow pattern more irregular than the flow patterns of the unregulated Cascade and Sauk Rivers. Skagit River flows were commonly lower on the weekends because of the reduced demand for power. The Skagit Project provides flood control for the Skagit River below Newhalem by reducing the flows resulting primarily from snowmelt during May, June, and July. During the remainder of the year, the Skagit Project generally augments streamflow, but it can also be used to reduce the peak flows resulting from transient storm events.

## 4.0 MATERIALS AND METHODS

### 4.1 Biological Data

#### 4.1.1 Selection of Evaluation Species

Nine salmonid species of either sport or commercial importance known to inhabit the Skagit River during some phase of their life history were selected for determination of habitat-discharge relationships using the IFIM. These species were as follows: chinook, pink, chum and coho salmon; steelhead, rainbow and cutthroat trout; Dolly Varden and mountain whitefish. Of these, four species of major sport and commercial value (chinook, pink and chum salmon and steelhead trout) were chosen by consensus of the state, federal and tribal fisheries management agency representatives as the evaluation species to be used in the determination of instream flow guidelines.

#### 4.1.2 Periodicity, Frequency and Distribution

Management programs maintained by the WDF, WDG and the research efforts of FRI in the past (Graybill et al. 1979, Stober et al. 1982) have provided a data base from which the timing of occurrence, relative percent activity (frequency) and distribution of the four evaluation species/life stages was determined. Complete data on the remaining five species was less well documented. These data were obtained from a review of a wide variety of information or through consensus with fishery agency representatives familiar with these species in the river. A periodicity chart describing the timing of habitat utilization in the Skagit River by the 26 salmonid species/life stages over an annual cycle is presented in Figure 2.

Spawning ground survey data for all years up to 1983 were reviewed to establish spawning timing for the salmon species (WDF progress reports 17, 175 and 194, Graybill et al. 1979). The start and end dates of spawning were

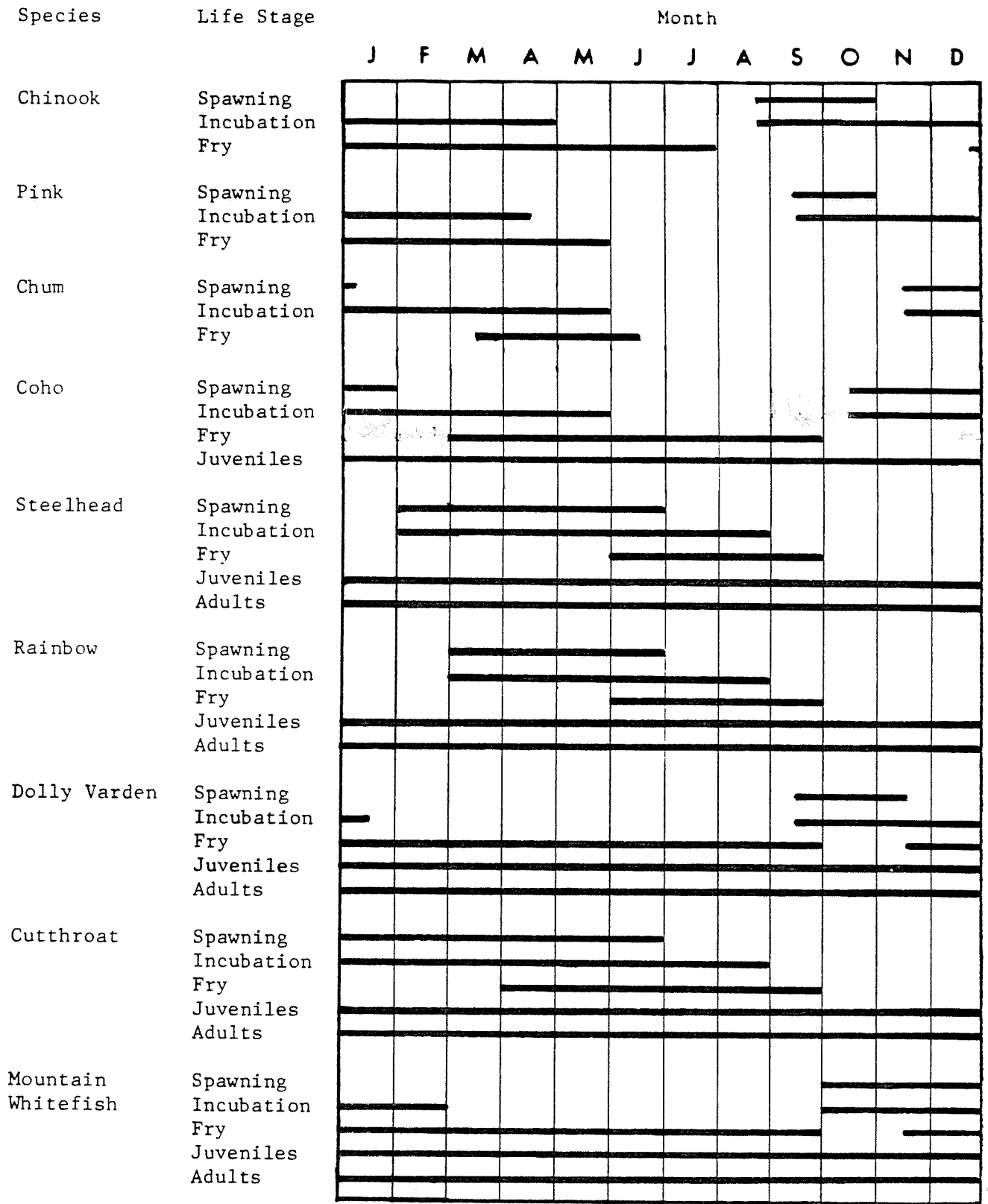


Figure 2. Timing of life stages of salmonids in the Skagit River.

determined from the first and last day live spawners were reported for all years of record. Only a few years had a sufficient number of surveys on record to calculate the peak of spawning. These years by species included: chinook salmon 1975, 1976; chum salmon 1974, 1976, 1978, 1979, 1982; and pink salmon, 1965, 1969, 1973, 1975, 1979, and 1981.

Redd counts made by the WDG from 1975-83 were used to determine the timing of steelhead spawning. The date used for start of spawning was the earliest date in which steelhead redds were observed. The date of peak redd counts was averaged for all years and the date of peak spawning activity was estimated by subtracting 10 days from the average date of peak redd counts which accounted for redd-life. Redd life for steelhead on the Skagit River has been determined to be approximately 21 days (WDG 1980). Redd counts were not conducted late enough in the year to directly determine the end of the spawning season. This date was estimated by plotting a graph of redd counts over the season and fitting a curve to the data. The intersection of this line with the x-axis represented an estimate of the day that the last redd disappeared. Twenty-one days (redd-life) was subtracted from this date to estimate when the last redd was constructed.

The start, peak and end of spawning for the salmon species and steelhead and the estimated date of 50% hatch and emergence for these dates are presented in Table 1. The temperature-unit data were taken from Graybill et al. (1979).

The relative percentages of activity derived for the evaluation species/life stages are presented in Table 2. Spawning and incubation life stages were combined into one continuum. The table indicates the relative monthly increases in spawner and fry abundance which can be expected to occur over time due to migration of the adults into the river and emergence of the

Table 1. Estimated date to 50% hatch and emergence for spawning occurring at start (first redds), peak and end (last redds) of the spawning season for chinook, pink and chum salmon and steelhead trout based on a 23 year average of Alma Creek temperature records (source of data in Graybill et al. 1979).

Species	Spawning	Date	50% Hatch	50% Emergence
Chinook			(973 TUs)	(1964 TUs)
	Start	8/27	10/20	1/12
	Peak	9/10	11/6	2/17
	End	10/26	1/19	5/19
Pink			(953 TUs)	(1692 TUs)
	Start	9/10	11/5	1/9
	Peak	10/9	12/16	3/24
	End	10/30	1/25	4/30
Chum			(816 TUs)	(1561 TUs)
	Start	10/25	12/29	4/9
	Peak	12/7	3/20	5/31
	End	12/30	4/17	6/17
Steelhead			(625 TUs)	(1100 TUs)
	Start	2/16	5/15	6/10
	Peak	4/22	6/13	7/12
	End	6/9	7/18	8/12

Table 2. Relative percent activity derived for life stages of salmonid species in the Skagit River.

Species	Life stage	Month											
		J	F	M	A	M	J	J	A	S	O	N	D
Chinook	Spawning	100	100	100	100	100	100	100	10	90	100	100	100
	Incubation												
	Fry	20	70	90	100	100	100	100					
Pink	Spawning	100	100	100	100	100	100	100		20	100	100	100
	Incubation												
	Fry												
Chum	Spawning	100	100	100	100	100	100	100					
	Incubation												
	Fry												
Steelhead	Spawning	100	100	100	100	100	100	100	100	100	100	100	100
	Incubation												
	Fry												
	Juveniles	100	100	100	100	100	100	100	100	100	100	100	100
	Adults	100	100	100	100	100	100	100	100	100	100	100	100

fry from gravel incubation areas.

The distribution of chinook salmon redds in the Skagit River based on counts made during the years from 1975 to 1982 is presented in Table 3. About 78 percent occurred in four river sections from Bacon Creek downstream to the Sauk River while about 22 percent occurred in three river sections upstream. The distribution of pink salmon for the years 1969 and 1977 (Table 4) showed that 35.9 percent occurred in two river sections from Bacon Creek downstream to the Sauk while 64.1 percent occurred upstream of that point in two river sections to Newhalem. The distribution of chum salmon for the years 1976-79 (Table 5) showed that 92.1 percent occurred in two river sections from Bacon Creek downstream to the Sauk while 7.9 percent occurred in two river sections upstream to Newhalem. The distribution of steelhead trout redds in the Skagit River for the period 1975-83 (Table 6) showed that 89.5 percent occurred in two river sections from Bacon Creek to the Sauk River while 10.5 percent occurred in one section upstream to Newhalem. The section distribution of the four evaluation species were utilized in determining weighting factors for extrapolation procedures of the IFIM data later in the analyses.

#### 4.2 Reach Selection

The study reaches for application of the instream flow incremental method were selected on the basis of the combined critical and representative reach approach (Figure 3). The entire length of river to be studied (Gorge powerhouse to Sauk River) was initially divided into seven large segments (Table 7). Major points of tributary inflow were used in demarcating segment boundaries (Figure 4) for segments 3, 4, 5, 7, and 8. The boundaries for segment 1 included a division point used by the resource agencies in collection of biological data and for segment 2 a significant change in channel slope (canyon area). Study segment 6 was selected off the main river

Table 3. Chinook salmon redd distribution counts made by Washington Department of Fisheries from helicopter surveys of the Skagit River from Newhalem to the Sauk River for the years 1975-1982.

River Section	1975	1976	1977	1978	1979	1980	1981	1982	Total redds for all years	Percent of total redds
Sauk River to Illabot Creek	249	297	194	984	418	848	258	378	3,626	21.8
Illabot Creek to Cascade River	153	229	235	799	432	585	114	314	2,861	17.2
Cascade River to Diobsud Creek	373	462	321	940	664	847	229	468	4,304	25.8
Diobsud Creek to Bacon Creek	138	162	173	404	343	547	168	252	2,187	13.1
Bacon Creek to Copper Creek	16	56	107	210	263	147	51	41	891	5.4
Copper Creek to County Line	81	125	79	132	128	151	76	89	861	5.2
County Line to Newhalem	179	190	142	444	274	383	93	218	1,923	11.5
Total Redds	1,189	1,521	1,251	3,913	2,522	3,508	989	1,760	16,653	100.0

Table 4. Pink salmon spawning distribution determined by Washington Department of Fisheries from Rockport to Newhalem for the years 1969 and 1977 (Graybill et al. 1979).

River Section	1969	1977	Mean
Rockport to Marblemount	7.9	8.5	8.2
Marblemount to Bacon Creek	37.2	18.1	27.7
Bacon Creek to Sky Creek	31.8	45.9	38.9
Sky Creek to Newhalem	23.1	27.5	25.2

Table 5 . Chum salmon spawning distribution determined by Washington Department of Fisheries from Rockport to Newhalem for the years 1976-1979.

River Section	1976	1977	1978	1979	Mean
Rockport to Cascade River	79.2	72.4	83.9	89.3	81.2
Cascade River to Bacon Creek	4.9	18.8	12.5	7.4	10.9
Bacon Creek to Canyon	5.9	7.9	1.4	0	3.8
Canyon to Newhalem	10.0	0.9	2.2	3.3	4.1

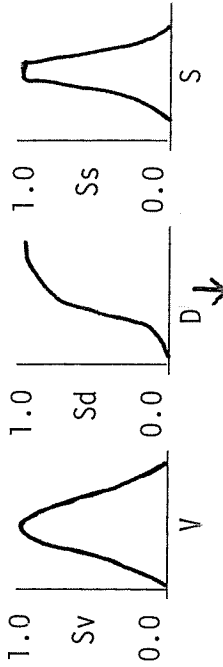
Table 6. Steelhead redd distribution counts made by Washington Department of Game from helicopter surveys of the Skagit River from the Sauk River to Newhalem for the years 1975-1983.

River Section	1975	1976	1977	1978	1979	1980	1981	1982	1983	Total redds for all years	Percent of total redds
Sauk River to Cascade River	161	45	143	133	66	55	548	314	593	2,058	74.5
Cascade River to Bacon Creek	50	24	54	32	11	25	167	33	19	415	15.0
Bacon Creek to Newhalem	4	6	11	16	23	10	121	5	93	289	10.5
Total Redds	215	75	208	181	100	90	836	352	705	2,762	100.0

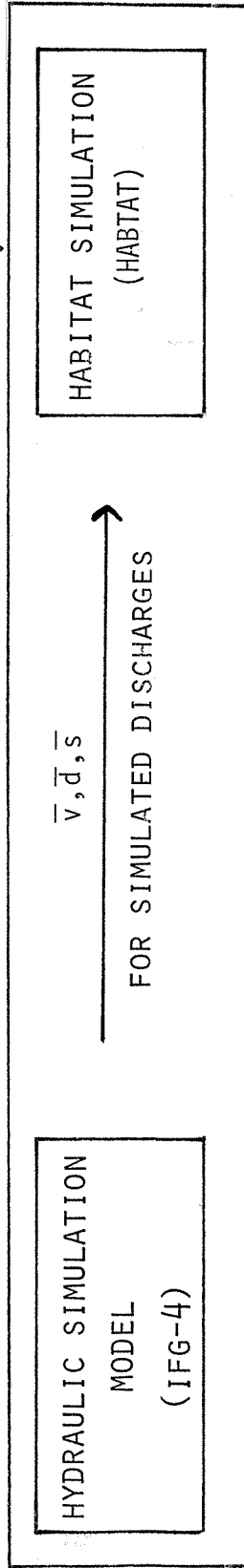
INSTREAM FLOW INCREMENTAL METHOD

REPRESENTATIVE OR CRITICAL  
REACH HYDROLOGIC-MORPHOLOGIC  
CALIBRATION DATA

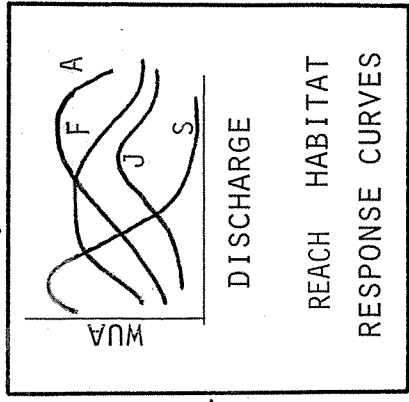
SALMONID SPECIES  
HABITAT SUITABILITY DATA



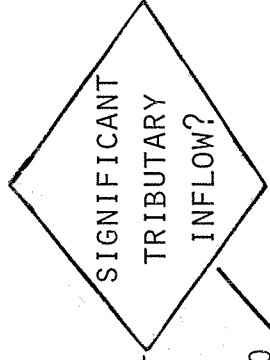
PHABSIM



$\bar{v}, \bar{d}, \bar{s}$



REACH CURVES  
EXTRAPOLATED  
TO SEGMENTS  
(TWO MODELS)



HABITAT RESPONSE  
CURVES INDEXED  
TO CONTROL POINT

RIVER HABITAT  
RESPONSE CURVES  
(TWO MODELS)

YES

NO

Figure 3. Flow diagram for the IFIM methodology used to develop river habitat response curves.

Table 7. Skagit River study area from Gorge Powerhouse to Sauk River with river mile locations of study segment boundaries, reach mid-points and major species spawning in each reach.

Segment number	Upper boundary reach mid-point lower boundary	RM	Reach length (miles)	Segment length (miles)	Species spawning in segment
(1)	Gorge Powerhouse Island site County Line	94.2 91.5 89.2	0.545	5.0	Chinook, Pink, Steelhead
(2)	County Line Sky Creek site Canyon-downstream end	89.2 88.4 86.0	0.238	3.2	Chinook, Pink
(3)	Canyon-downstream end Copper Creek site Bacon Creek	86.0 83.3 82.9	0.573	3.1	Chinook, Pink, Steelhead
(4)	Bacon Creek Indian Bar site Diobsud Creek	82.9 82.1 80.7	0.276	2.2	Chinook, Pink, Chum Steelhead
(5)	Diobsud Creek Marblemount site Cascade River	80.7 78.5 78.1	0.680	2.6	Chinook, Pink, Chum Steelhead
(6)	Marblemount side channel Cascade River	78.2 77.5 78.1	0.049	0.7	Chum
(7)	Corkindale site Illabot Creek	74.0 71.6	0.746	6.5	Chinook, Pink, Chum Steelhead
(8)	Illabot Creek Barr Creek site Sauk River	71.6 70.5 67.1	0.619	4.5	Chinook, Pink, Steelhead

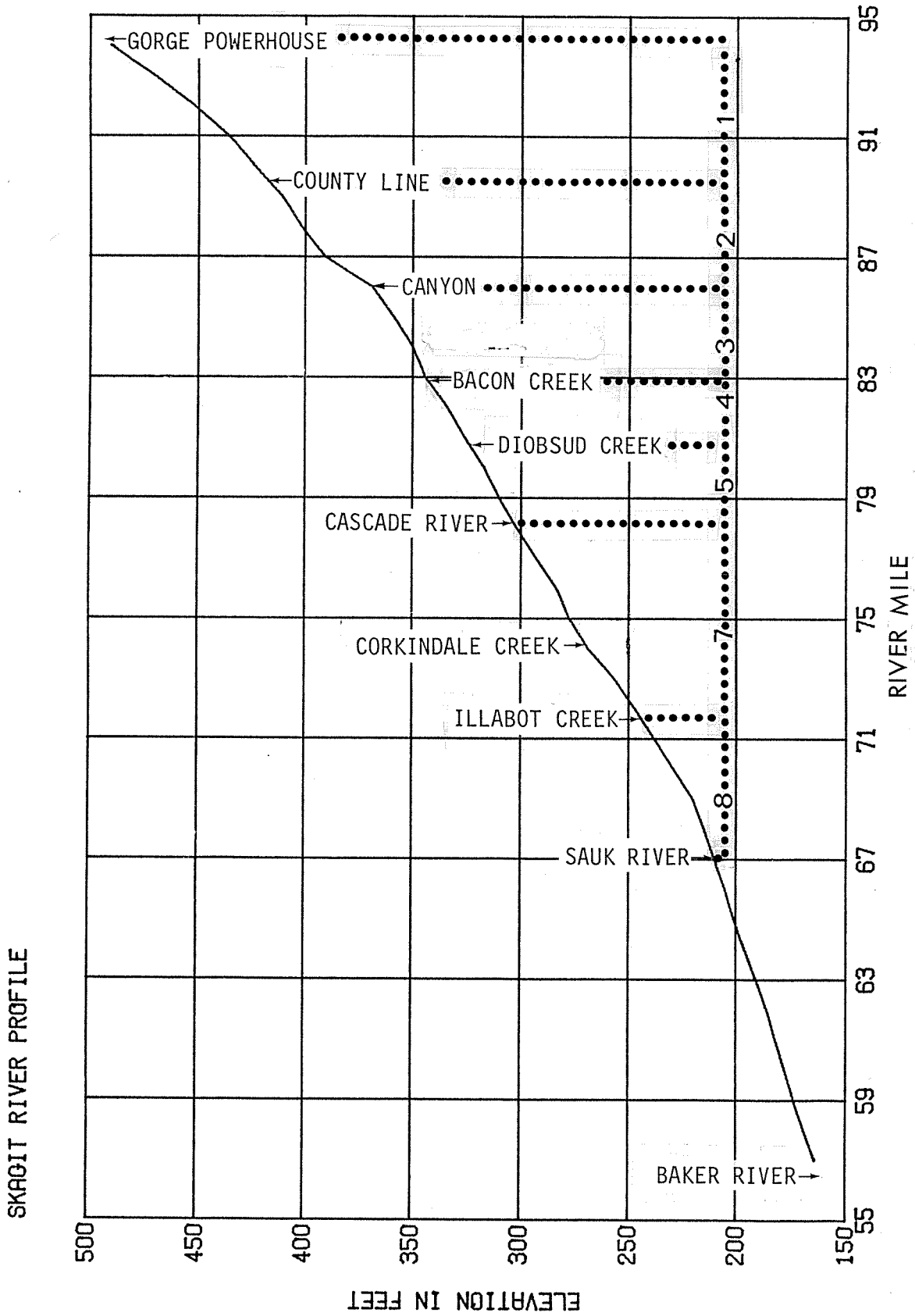


Figure 4. Skagit River profile illustrating instream flow segment boundaries (1-8) and the change in elevation from Gorge Powerhouse to the Baker River. (Modified from Graybill et al. 1979).

in the Marblemount side channel heavily spawned by chum salmon. One specific study reach was selected for each segment from one or more candidate sites. Final selection of river segments and study reaches were made in cooperation with the agency representatives on the Skagit Standing Committee during a field trip to the Skagit River on June 10, 1982. The study reaches were considered to be representative of chinook, pink, chum or steelhead (Table 7) spawning and incubation but not necessarily representative of each entire segment.

#### 4.3 Reach Surveys

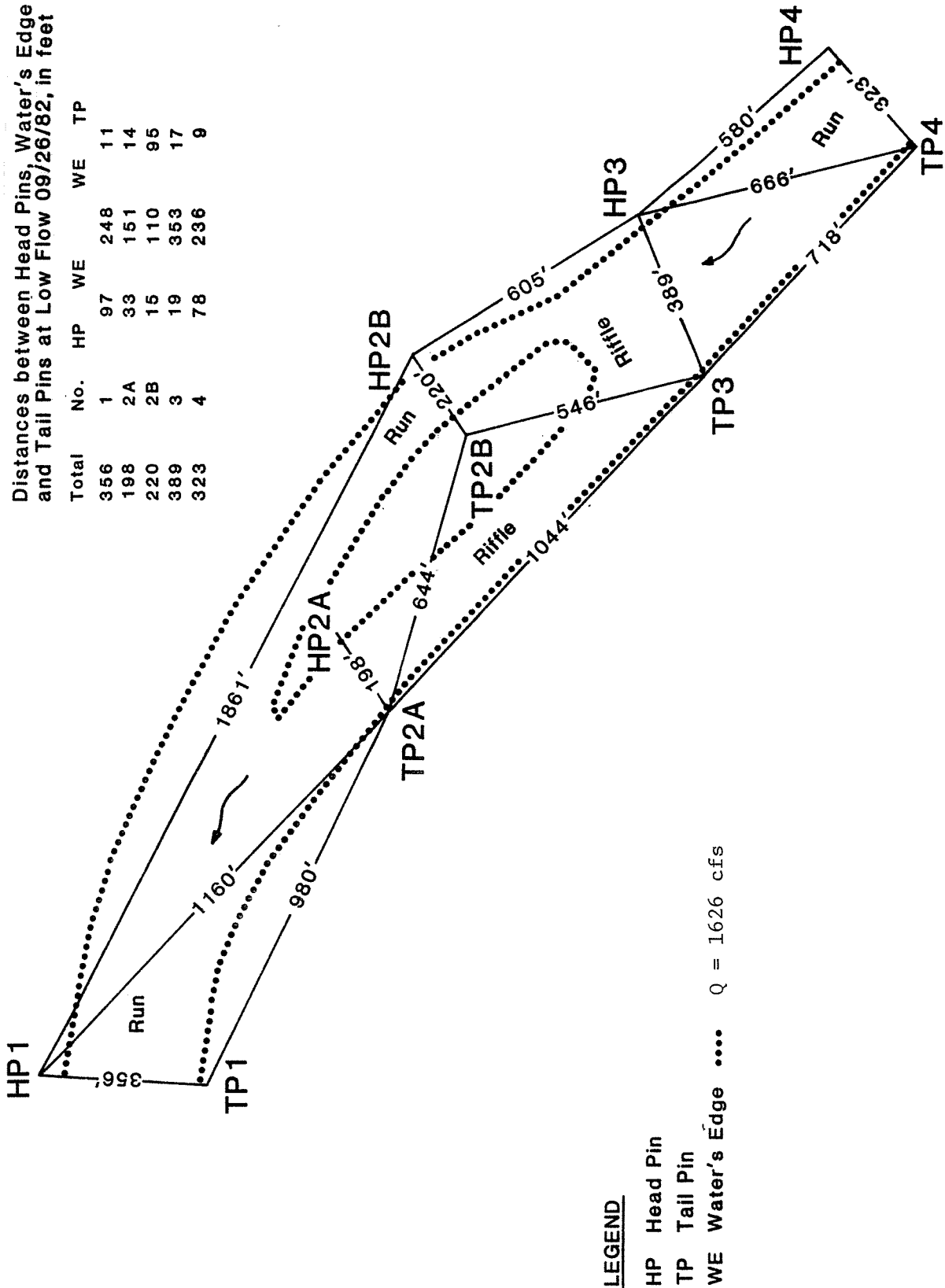
Each study reach was surveyed and transects positioned to characterize habitat types (i.e., riffles and runs) and all major hydraulic controls. The length of each study reach generally included two cycles of riffles and runs. Each reach was approximately 10-14 times as long as the channel width. Plan views of the reaches indicating length, width and transect locations are presented in Figures 5, 6, 7, 8, 9, 10, 11 and 12. The lower most transect on each reach was located at a hydraulic control whenever possible to provide an accurate estimate of discharge at each of the calibration discharges. Head and tail pins consisting of 0.5 inch rebar, were positioned at the ends of each transect and surveyed in with a Hewlett-Packard Model 3810A Electronic Distance Meter to determine horizontal distances, vertical elevations and associated angles. This instrument incorporates an internal computer and vertical angle sensing device which automatically computes and displays horizontal distances corrected for curvature of the earth, atmospheric index of refraction, slope distance, vertical distance, zenith angle and horizontal angles.

#### 4.4 Discharge Measurements

The methods and equipment used for Skagit River measurements were similar

Distances between Head Pins, Water's Edge and Tail Pins at Low Flow 09/26/82, in feet

Total	No.	HP	WE	TP
356	1	97	248	11
198	2A	33	151	14
220	2B	15	110	95
389	3	19	353	17
323	4	78	236	9

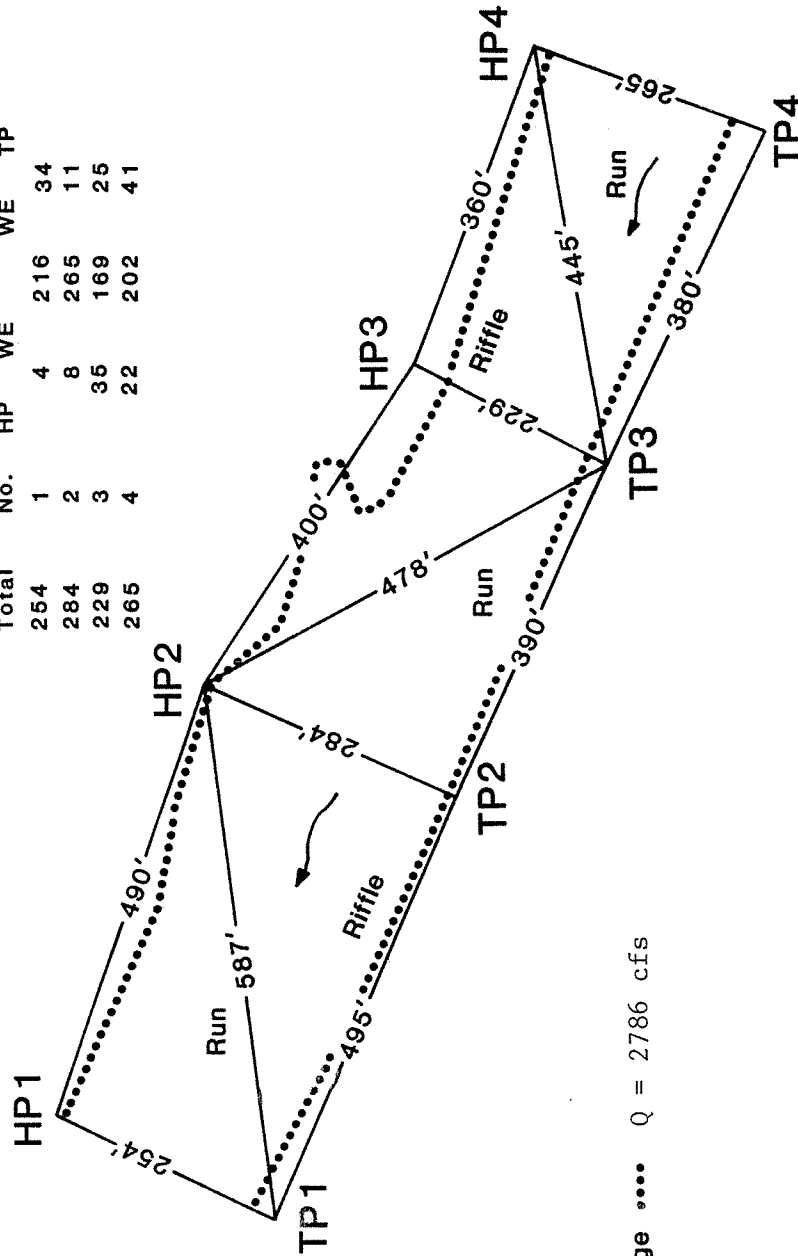


Distance between Transects, in feet	1405	825	649
Distance from Transect 1, in feet	0	1405	2230
Transect No.	1	2	3
			4
			2879

Figure 5. Island instream flow study reach number 1 at RM 91.5 on the Skagit River.

Distances between Head Pins, Water's Edge and Tail Pins at Low Flow 03/27/83, in feet

Total	No.	HP	WE	TP
254	1	4	216	34
284	2	8	265	11
229	3	35	169	25
265	4	22	202	41



**LEGEND**

HP Head Pin

TP Tail Pin

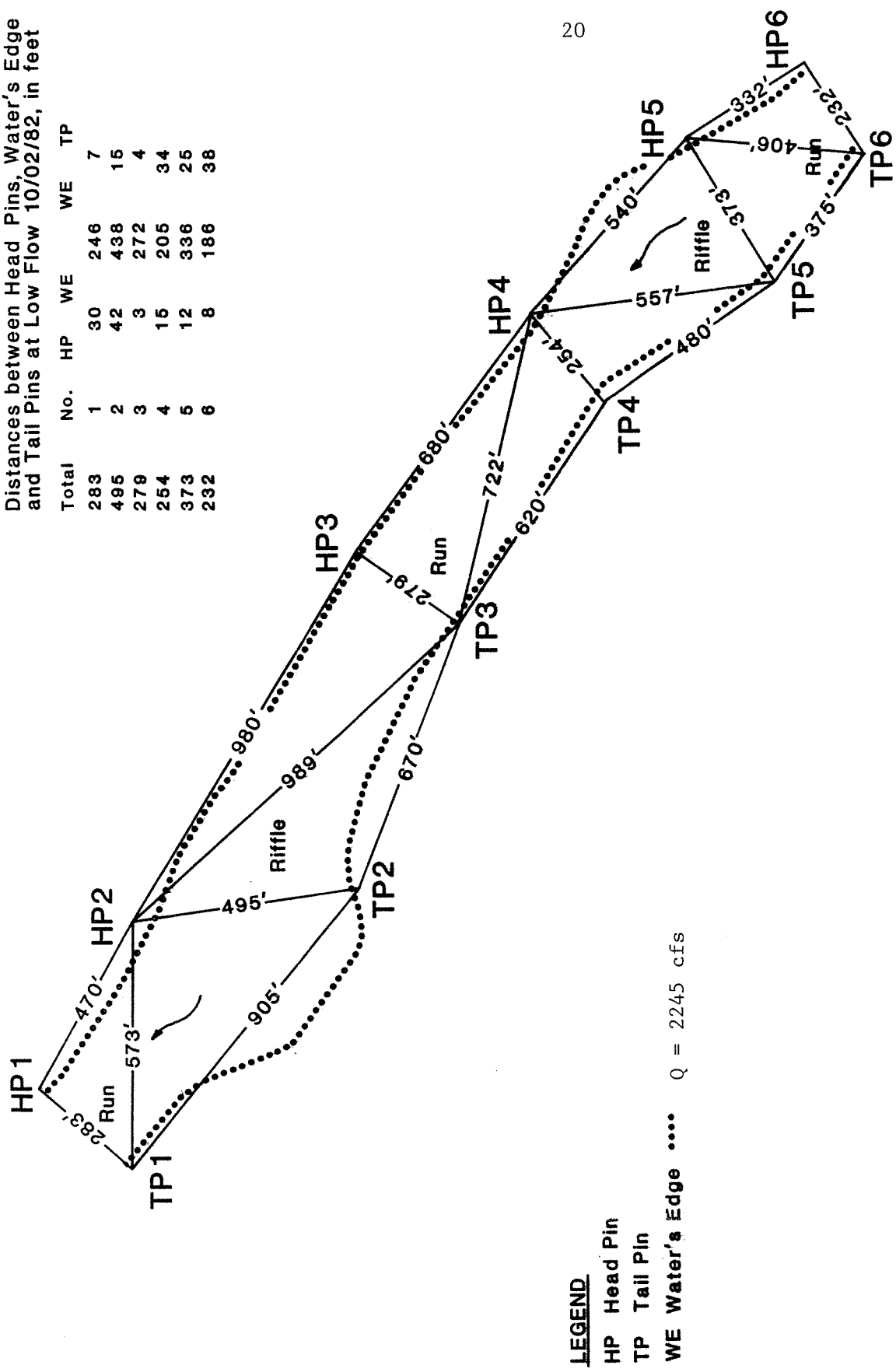
WE Water's Edge ..... Q = 2786 cfs

Distance between Transsects, in feet	493	395	370
Distance from Transsect 1, in feet	0	493	888
Transsect No.	1	2	3
			4
			1258

Figure 6. Sky Creek instream flow study reach number 2 at RM 88.4 on the Skagit River.

Distances between Head Pins, Water's Edge and Tail Pins at Low Flow 10/02/82, in feet

Total	No.	HP	WE	TP
283	1	30	246	7
495	2	42	438	15
279	3	3	272	4
254	4	15	205	34
373	5	12	336	25
232	6	8	186	38

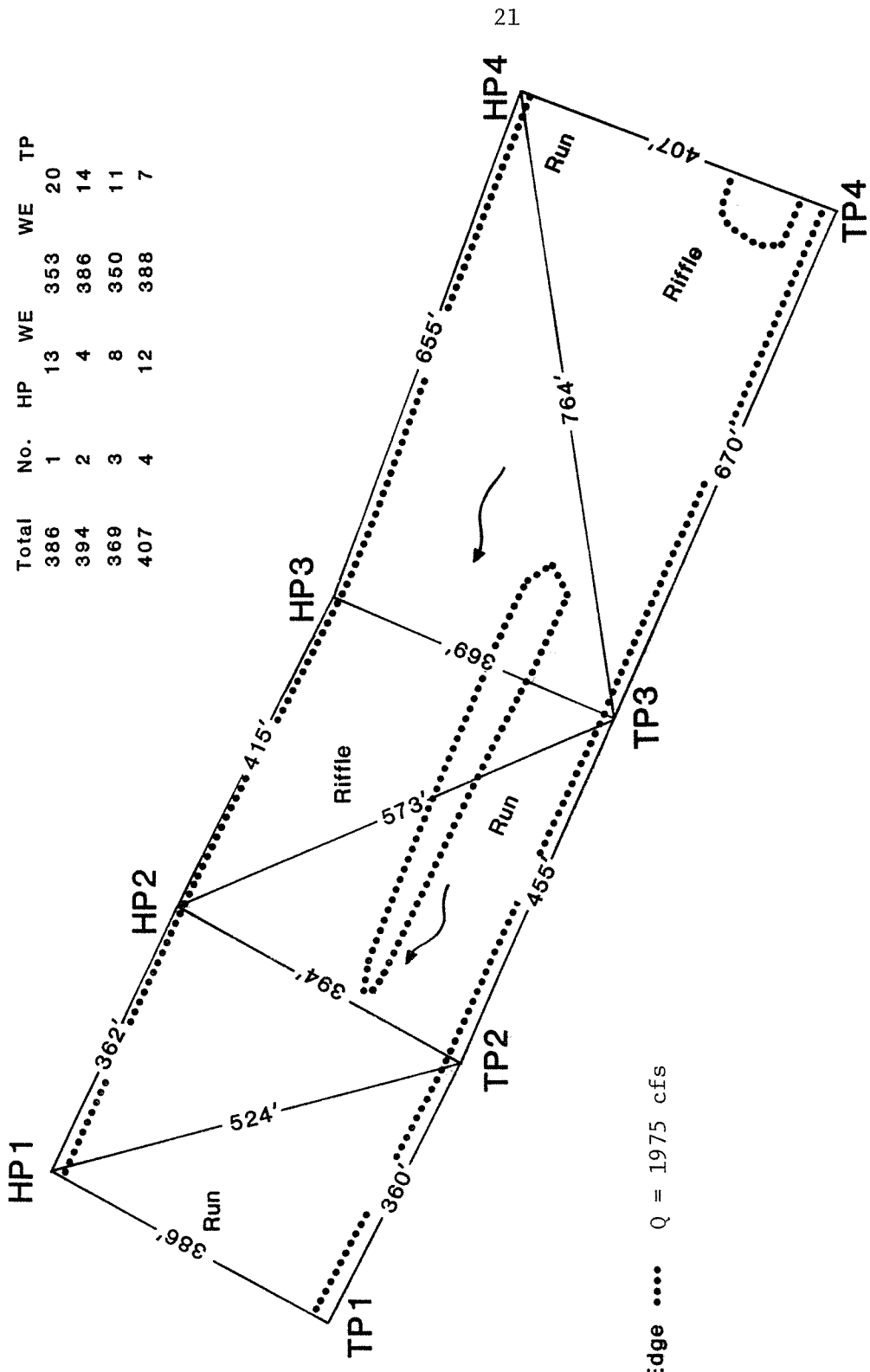


Distance between Transsects, in feet	688	825	650	510	354	
Distance from Transsect 1, in feet	0	688	1513	2163	2673	3027
Transsect No.	1	2	3	4	5	6

Figure 7. Copper Creek instream flow study reach number 3 at RM 83.3 on the Skagit River.

Distances between Head Pins, Water's Edge and Tail Pins at Low Flow 10/10/82, in feet

Total	No.	HP	WE	TP
386	1	13	353	20
394	2	4	386	14
369	3	8	350	11
407	4	12	388	7



**LEGEND**

- HP Head Pin
- TP Tail Pin
- WE Water's Edge

..... Q = 1975 cfs

Distance between Transsects, in feet	361	435	663
Distance from Transsect 1, in feet	0	361	796
Transsect No.	1	2	3
			4
			1459

Figure 8. Indian Bar instream flow study reach number 4 at RM 82.1 on the Skagit River.

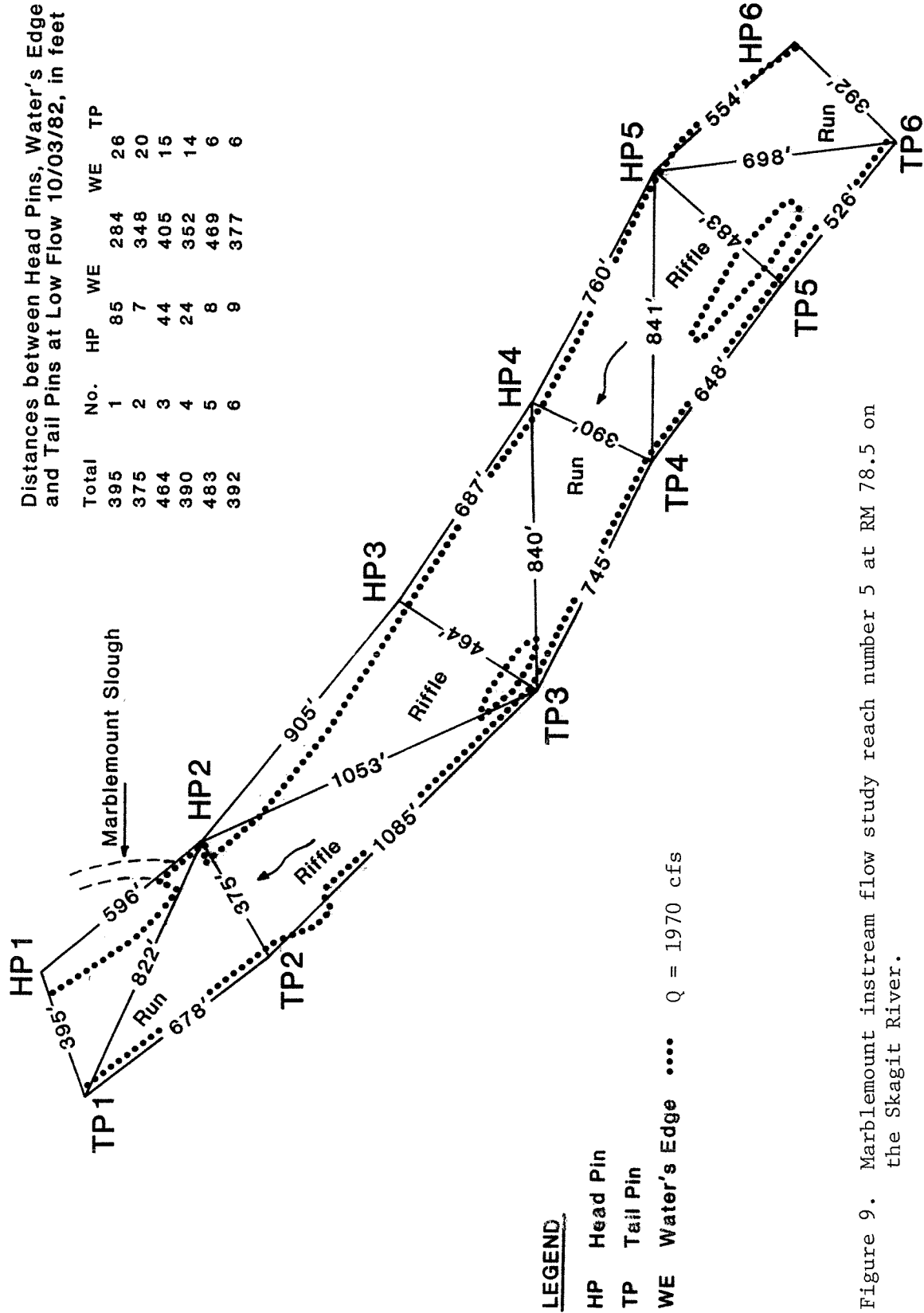
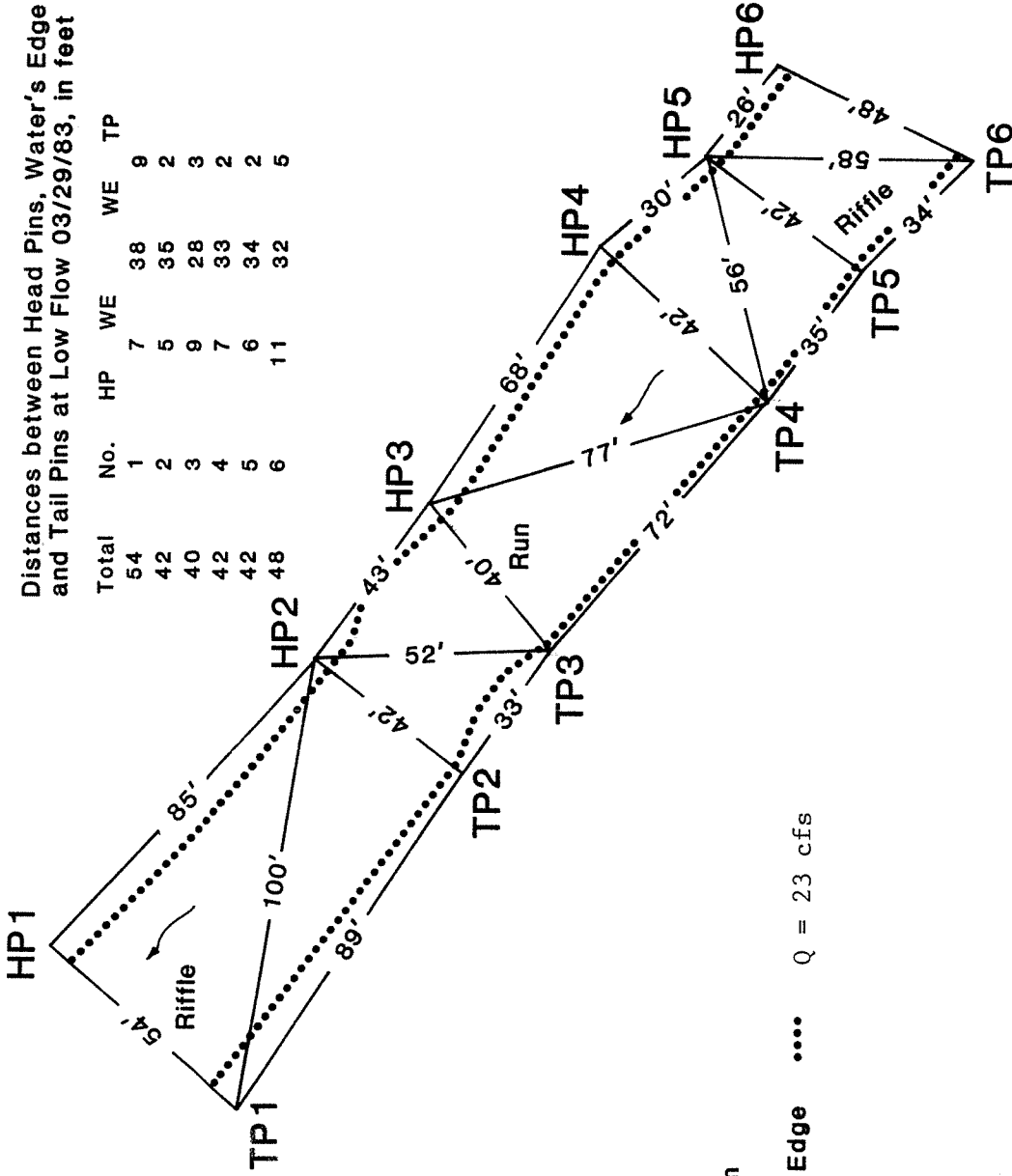


Figure 9. Marblemount instream flow study reach number 5 at RM 78.5 on the Skagit River.

Distance between Transsects, in feet	637	995	716	704	540
Distance from Transsect 1, in feet	0	637	1632	2348	3052
Transsect No.	1	2	3	4	5
					6

Distances between Head Pins, Water's Edge and Tail Pins at Low Flow 03/29/83, in feet

Total	HP	No.	HP	WE	WE	TP
54	1	7	38	9		
42	2	5	35	2		
40	3	9	28	3		
42	4	7	33	2		
42	5	6	34	2		
48	6	11	32	5		



**LEGEND**

- HP Head Pin
- TP Tail Pin
- WE Water's Edge
- .....

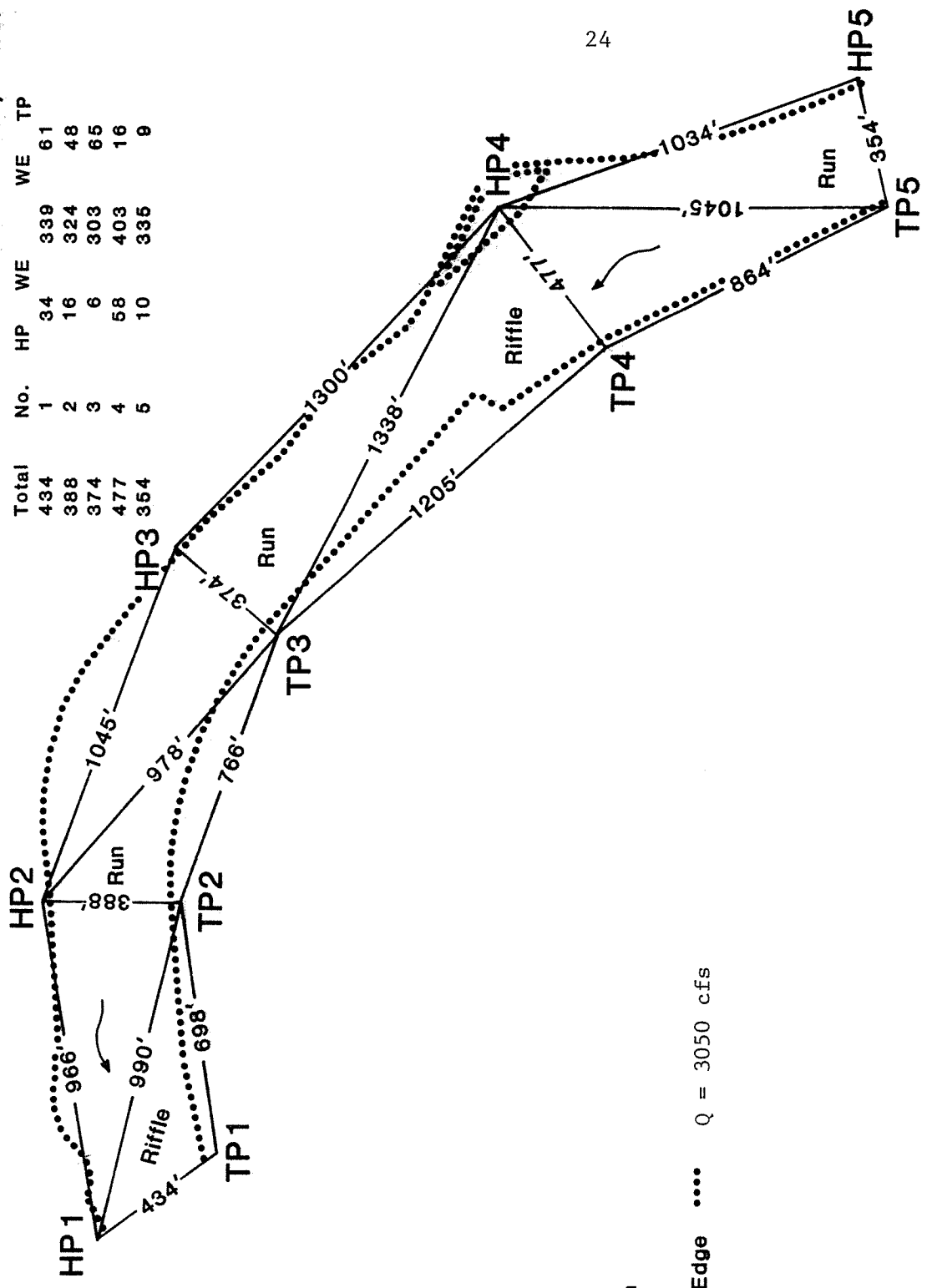
Q = 23 cfs

Distance between Transects, in feet	87	38	70	33	30	
Distance from Transect 1, in feet	0	87	125	195	228	258
Transect No.	1	2	3	4	5	6

Figure 10. Marblemount slough instream flow study reach number 6 at RM 78.4 on a side channel of the Skagit River.

Distances between Head Pins, Water's Edge and Tail Pins at Low Flow 10/08/82, in feet

Total	No.	HP	WE	TP
434	1	34	339	61
388	2	16	324	48
374	3	6	303	65
477	4	58	403	16
364	5	10	335	8



**LEGEND**

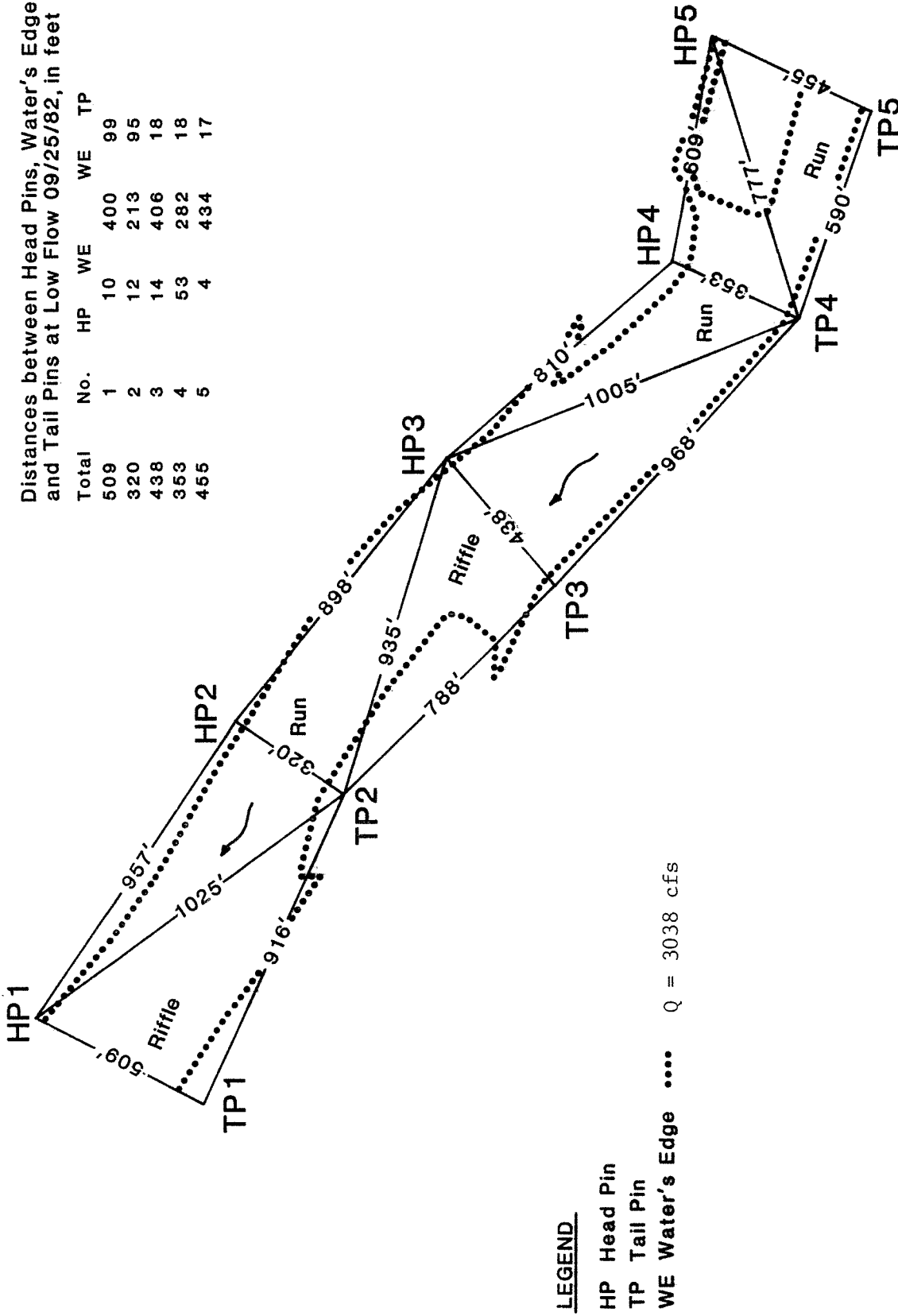
- HP Head Pin
- TP Tail Pin
- WE Water's Edge
- ..... Q = 3050 cfs

Distance between Transsects, in feet	832	906	1253	949
Distance from Transsect 1, in feet	0	832	1738	2991
Transsect No.	1	2	3	4
				5

Figure 11. Corkindale instream flow study reach number 7 at RM 74.0 on the Skagit River.

Distances between Head Pins, Water's Edge and Tail Pins at Low Flow 09/25/82, in feet

Total	No.	HP	WE	TP
509	1	10	400	99
320	2	12	213	95
438	3	14	406	18
353	4	53	282	18
455	5	4	434	17



**LEGEND**

- HP Head Pin
- TP Tail Pin
- WE Water's Edge

Q = 3038 cfs

Distance between Transsects, in feet	937	843	889	600
Distance from Transsect 1, in feet	0	937	1780	2669
Transsect No.	1	2	3	4
				5

Figure 12. Barr Creek instream flow study reach number 8 at RM 70.5 on the Skagit River.

to those described by Buchanan and Somers (1969). The majority of the Skagit River transects could not be waded and required a 16 ft river boat to obtain depth and velocity measurements. A 1/8 inch diameter cable marked at 10 ft intervals was stretched across the river at each transect location and tightened with a come-along to position the cable directly over the head and tail pins. The cable was stretched sufficiently tight to minimize downstream sag with the boat attached. A special crosspiece with quick release mechanisms and cable rollers (obtained from USGS) was bolted to the boat for attachment to the cable to allow the boat to traverse the cable in either direction. A depth sounding system comprised of a boat boom, sounding reel and meter, cable, hanger and sounding weight was used to measure depths at intervals along the transect. Water velocities were measured with a Marsh-McBirney Model 201 electromagnetic current meter attached to the sounding line.

The river crosssection was divided into a minimum of 25 verticals or cells. No one cell contained more than 10% of the total discharge at a transect. The distance between the cell boundaries or verticals decreased as the depth and velocity increased. The mean water column velocity and depths were measured at each vertical. For depths less than 3.0 feet the current meter probe was attached to a 4 ft top setting wading rod and the velocity measured at 0.6 depth. For greater depths the sounding system was employed and the velocity measured at 0.2 and 0.8 of the depth and averaged to estimate the mean column velocity.

Velocities and depths were determined at the same vertical locations at low, median and high calibration flows. A temporary staff gage was placed at each transect to detect any significant change in water level during the course of measurements. Water surface elevations (WSEL) were determined at

the left and right stream margins and averaged. The depth was subtracted from the WSEL to establish the bed elevation.

#### 4.5 Tributary Inflow

The tributary inflow from Newhalem to each of the study reaches by month and exceedance probability (.90, .50, .10) was estimated using historical discharge records from one or more of four USGS gaging stations in conjunction with the drainage areas (DA) to gaging stations and/or upstream reach boundaries. Three of the gaging stations were located on the Skagit at Newhalem, RM 93.7; above Alma Creek, RM 86.2; and at Marblemount, RM 78.7. The fourth station was located on the Cascade above the confluence with the Skagit River. The relative positions of the gaging stations to the reaches is shown in Figure 1.

The method of tributary inflow estimation varied with the location of each reach and the availability of accurate stream gage data, although an attempt was made to remain as consistent as possible. Modifications to the general methodology are described where appropriate.

For reaches from Newhalem to Marblemount the drainage areas from the Newhalem and Alma Creek gages to downstream reaches were calculated by Seattle City Light (Mr. Wayne Wright) using planimetric methods. The drainage areas to Newhalem and downstream gages were previously calculated by USGS. The drainage areas to the reaches and gages are shown in Table 8.

The tributary inflow between the gaging stations on the Skagit River (i.e., Marblemount-Newhalem, Alma Creek-Newhalem, Marblemount-Alma Creek) was calculated for each of the three exceedance probabilities by USGS using the log Pearson III analysis program (Table 9). It is recommended for this analysis that a minimum of ten years of discharge records be used as a data base to obtain a reasonable degree of accuracy in predicting exceedence

Table 8. Drainage area of the Skagit River basin to USGS gaging stations (calculated by USGS) and study reaches (calculated by SCL) at indicated river miles.

Gaging Station	RM	Drainage Area (km <sup>2</sup> )
Newhalem	93.7	3043
above Alma Creek	86.2	3300
above Bacon Creek	83.0	3339
Marblemount	78.7	3577
<u>Study Reach</u>		
(1) Island site	91.5	3216
(2) Sky Creek	88.4	3272
(3) Copper Creek	83.3	3339
(4) Indian Bar	82.1	3491
(5) Marblemount	78.7	3577
(7) Corkindale	74.0	4065
(8) Barr Creek	70.5	4079

Table 9. Tributary inflow between indicated USGS gaging stations on the Skagit River at the .90, .50 and .10 exceedance probabilities determined by USGS using a Log Pearson III analyses.

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep
	Alma Creek - Newhalem											
.90	232	344	348	278	303	410	516	808	949	655	341	328
.50	461	738	783	628	557	491	591	1,151	1,455	1,074	582	489
.10	974	1,099	1,565	984	980	811	855	1,643	1,952	1,702	931	722
	Marblemount - Newhalem											
.90	592	518	762	545	747	963	1,106	1,503	2,055	1,215	635	688
.50	753	1,409	2,180	1,440	1,465	1,321	1,515	2,346	2,786	2,205	1,195	1,106
.10	1,517	3,070	4,481	2,040	3,190	1,733	2,137	3,150	4,209	3,804	2,123	1,570
	Marblemount - Alma Creek											
.90	315	278	478	350	433	536	642	777	921	630	352	365
.50	472	813	1,242	928	889	837	893	1,339	1,677	1,282	695	626
.10	1,015	1,920	2,418	1,289	2,117	1,041	1,275	1,980	2,677	2,281	1,166	954

probabilities. The tributary inflow records between Newhalem and Marblemount and Marblemount and Alma Creek fall short of this requirement by four years, but the analysis was performed nonetheless to obtain guideline estimates.

The general equations for estimates of reach tributary inflow are as follows:

$$Q_R = \left( \frac{DA_{R-N}}{DA_{A-N}} \right) (Q_{A-N}) \quad (1)$$

where,  $Q_R$  = tributary inflow to reach

$DA_{R-N}$  = drainage area from Newhalem to the reach

$DA_{A-N}$  = drainage age from Newhalem to the Alma Creek gage

$Q_{A-N}$  = tributary inflow from Newhalem to Alma Creek

$$Q_R = \left( \frac{DA_{R-A}}{DA_{M-A}} \right) (Q_{M-A}) + Q_{A-N}$$

where,  $Q_R$  = tributary inflow to reach

$DA_{R-A}$  = drainage area from the reach to Alma Creek gage

$DA_{M-A}$  = drainage area from Marblemount gage to Alma Creek gage

$Q_{M-A}$  = tributary inflow between Alma Creek gage and Marblemount

$Q_{A-N}$  = tributary inflow between Newhalem and Alma Creek gages

The monthly tributary inflow at each of the three exceedance probabilities - Newhalem to reaches 1, 2, 3 (Island site, Sky Creek, and Copper Creek) located above or immediately downstream of the Alma Creek gage was calculated using equation (1). The results for these reaches are tabulated in Table 10.

Table 10. Monthly tributary inflow from Newhalem to Reach 1, Island; Reach 2, Sky Creek; and Reach 3, Copper Creek, at the .90, .50 and .10 exceedence probabilities.

Exc.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
	A) Reach 1, Island											
.90	156	231	234	187	203	276	280	543	638	440	229	221
.50	315	496	526	419	374	330	397	774	977	722	391	328
.10	654	739	1052	661	658	545	575	1104	1512	1144	625	485
	B) Reach 2, Sky Creek											
.90	207	307	310	248	270	366	372	721	846	584	305	293
.50	419	658	699	556	499	438	527	1027	1298	958	520	436
.10	869	981	1396	878	874	724	763	1466	1741	1518	830	644
	C) Reach 3, Copper Creek											
.90	267	396	401	320	349	472	594	931	1093	754	393	378
.50	531	850	902	723	642	566	681	1326	1676	1237	670	563
.10	1122	1266	1802	1133	1129	934	985	1892	2248	1960	1072	832

The tributary inflow from Newhalem to reaches 7 and 8 (Corkindale and Barr Creek) was estimated by adding to the inflow to Marblemount the appropriate inflow from tributaries of the Skagit River with historical flow records. The monthly discharge at each of the three exceedance probabilities is presented for the Cascade River and Clark, Jordan, Rocky and Illabot Creeks. The historical records for the Cascade River provided an adequate base for USGS to perform a reliable log Pearson III analysis. The records for the smaller creeks consisted of one to three years of mean monthly discharges. To estimate monthly discharges at the .90, .50, and .10 exceedance probabilities, the mean monthly value was averaged for all years of record and assumed to represent the median or .50 exceedance probability condition. To estimate the discharge at the .90 level, the monthly proportions of discharge at .90 level to the discharge at the .50 level was determined for the Cascade discharge data. Then to estimate the discharge at the .10 level the monthly proportions of discharge at the .10 level to the discharge at the .50 level was determined. These monthly proportions were then multiplied by the corresponding mean (assumed median) monthly discharge values for the smaller creeks. It is recognized that there is potential for error in this procedure since it assumes that the one to three years of record were average conditions and that these smaller tributaries respond in the same manner as the Cascade River during low and high flow periods. However, when the magnitude of the contribution of these smaller tributaries to total tributary inflow from Newhalem to reaches 7 or 8 is considered, the overall effect of any introduced error is insignificant. The results of the USGS log Pearson III analysis of the Cascade River and the results of the procedure described above for estimating the discharge for the smaller tributaries are presented in Table 13.

Table 11. Tributary inflow from Newhalem to Reach 4, Indian Bar at the .90, .50, .10 exceedence probabilities based on A) equation (1), B) equation (2) and C) mean of equations (1) and (2).

	Exc.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
A)	.90	404	599	606	485	527	714	725	1407	1652	1140	594	572
	.50	817	1285	1364	1085	970	855	1029	2004	2532	1870	1014	851
	.10	1696	1914	2726	1713	1706	1412	1489	2861	3398	2960	1620	1256
B)	.90	449	536	677	519	601	779	960	1343	1583	1088	583	579
	.50	786	1297	1637	1267	1169	1067	1205	2072	2608	1956	1060	920
	.10	1672	2419	3228	1871	2436	1527	1732	3005	3794	3271	1733	1378
C)	.90	427	568	642	502	564	747	842	1375	1618	1114	589	576
	.50	802	1292	1501	1176	1070	961	1117	2038	2571	1913	1037	886
	.10	1684	2167	2977	1792	1785	1470	1611	2934	3596	3116	1677	1317

Table 12. Tributary inflow from Newhalem to Reach 5, Marblemount at the .90, .50 and .10 exceedence probabilities based on A) equation (1), B) equation (2) and C) the mean of equations (1) and (2).

	Exc.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
A)	.90	482	714	723	578	630	852	1072	1678	1972	1361	709	681
	.50	958	1533	1627	1305	1157	1020	1228	2392	3023	2232	1209	1016
	.10	2023	2284	3252	2045	2036	1685	1777	3414	4056	3536	1934	1506
B)	.90	547	622	826	628	736	946	1158	1585	1870	1285	693	693
	.50	933	1551	2025	1556	1446	1328	1484	2490	3132	2356	1277	1115
	.10	1988	3018	3983	2273	3097	1852	2130	3623	4629	3983	2097	1676
C)	.90	515	668	775	603	683	899	1115	1632	1921	1323	701	687
	.50	946	1542	1826	1431	1302	1174	1356	2441	3078	2294	1243	1066
	.10	2006	2651	3618	2159	2150	1769	1954	3519	4343	3760	2016	1591

Table 13. Monthly discharge at .90, .50 and .10 exceedence probabilities for tributaries of the Skagit River below Marblemount.

Exc.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
<u>Cascade River</u>												
.90	389	342	393	312	274	347	538	1159	1546	1070	618	465
.50	698	766	750	648	557	513	813	1603	2095	1621	873	640
.10	1198	1445	1406	1176	1086	878	1217	2218	2866	2472	1342	959
<u>Clark Creek</u>												
.90	9.8	11.0	12.0	13.6	15.2	17.1	15.4	21.7	17.3	12.2	5.9	8.8
.50	17.6	24.6	22.3	28.2	30.9	25.2	23.3	30.0	23.5	18.4	8.3	12.1
.10	30.2	46.4	41.8	51.1	60.2	43.2	34.9	41.5	32.1	28.1	12.8	18.1
<u>Jordan Creek</u>												
.90	27.8	25.9	35.8	31.2	29.9	33.0	45.9	102.2	80.6	34.1	16.9	18.3
.50	49.8	58.0	68.3	64.8	60.9	48.7	69.3	141.3	109.2	51.6	23.8	25.2
.10	85.5	109.5	128.1	117.5	118.6	83.4	103.7	195.6	149.4	78.7	36.6	37.8
<u>Rocky Creek</u>												
.90	8.9	8.1	11.5	10.1	9.3	14.9	14.6	32.5	25.1	10.6	5.7	5.8
.50	16.0	18.0	22.0	21.0	19.0	22.0	22.0	45.0	34.0	16.0	8.0	8.0
.10	27.5	34.0	41.3	38.1	37.0	37.7	32.9	62.3	46.5	24.4	12.3	12.0
<u>Illabot Creek</u>												
.90	107.1	84.5	171.4	169.8	136.0	195.9	121.8	271.5	397.8	311.9	182.0	101.8
.50	192.0	189.0	327.0	353.0	277.0	289.0	184.0	375.5	539.0	472.5	257.0	140.0
.10	329.5	356.8	613.1	640.0	539.6	494.1	275.5	519.7	737.4	720.6	395.0	209.7

The monthly tributary inflow from Newhalem to reach 7, Corkindale, was estimated by adding to the tributary inflow to Marblemount the sum of the discharges at corresponding exceedance probabilities for the Cascade River and Clark and Jordan Creeks. For reach 8, Barr Creek, the discharges for Rocky and Illabot Creeks were similarly added to the tributary inflow to Corkindale. These results are presented in Table 14.

A summary of tributary inflow from Newhalem to all reaches rounded to the nearest 100 cfs is shown in Table 15.

#### 4.6 Hydraulic Simulation

The IFG-4 hydraulic simulation program was used to predict the hydraulic parameters of depth, velocity and water surface elevation. This model requires a minimum of two sets of cross-sectional velocity and water surface elevation measurements for calibration. In this study, three sets of velocity and water surface elevations were measured per cross-section for each of the eight reaches.

A hydraulic model was calibrated for each of the reaches in accordance with the guidelines established by Milhous et al. (1981). A first step in model calibration is entry of the best estimate of the measured calibration discharge. The best estimate of discharge for each reach and transect was determined in a two step process. The USGS gaging record corresponding to the day the flow was measured was used to predict the discharge at the reach based on the tributary inflow prediction equations. The tributary inflow predicted from Newhalem to the reach was added to the discharge at Newhalem adjusting for travel time to obtain a prediction of the reach discharge at the time of measurement. These predictions were compared to the measured discharges (IFG-4 output) from transects at which velocity measurements were thought to be most accurate in order to arrive at the best estimate of discharge. Detailed

Table 14. Monthly tributary inflow from Newhalem to A) Reach 7, Corkindale and B) Reach 8, Barr Creek, at the .90, .50, and .10 exceedence probabilities.

Exc.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
A) Reach 7, Corkindale												
.90	942	1047	1216	959	1002	1297	1714	2915	3565	2440	1342	1179
.50	1711	2390	2666	2172	1951	1760	2262	4215	5305	3985	2148	1743
.10	3320	4252	5194	3503	3415	2773	3310	5975	7390	6339	3407	2605
B) Reach 8, Barr Creek												
.90	1057	1139	1399	1139	1147	1507	1850	3219	3988	2762	1530	1287
.50	1919	2597	3015	2546	2247	2071	2468	4635	5879	4474	2413	1891
.10	3676	4643	5848	4181	3991	3306	3618	6556	8174	7084	3815	2827

Table 15. Monthly tributary inflow (Gorge to study reach) at each of three exceedance probabilities for each study reach rounded to nearest 100 cfs.

	RM	EXC.	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
(1)		.90	200	200	200	200	200	300	300	500	600	400	200	200
Island	91.5	.50	300	500	500	400	400	300	400	800	1000	700	400	300
		.10	700	700	1100	700	700	500	600	1100	1300	1100	600	500
(2)		.90	200	300	300	200	300	400	400	700	800	600	300	300
Sky Creek	88.4	.50	400	600	700	600	500	400	500	1000	1300	1000	500	400
		.10	900	1000	1400	900	900	700	800	1500	1700	1500	800	600
(3)		.90	300	400	400	300	300	500	600	900	1100	800	400	400
Copper Creek	83.3	.50	500	900	900	700	600	600	700	1300	1700	1200	700	600
		.10	1100	1300	1800	1100	1100	900	1000	1900	2200	2000	1100	800
(4)		.90	400	600	600	500	600	700	800	1400	1600	1100	600	600
Indian Bar	82.1	.50	800	1300	1500	1200	1100	1000	1100	2000	2600	1900	1000	900
		.10	1700	2200	3000	1800	1800	1500	1600	2900	3600	3100	1700	1300
(5)		.90	500	700	800	600	700	900	1100	1600	1900	1300	700	700
Marblemount	78.5	.50	900	1500	1800	1400	1300	1200	1400	2400	3100	2300	1200	1100
		.10	2000	2700	3600	2200	2200	1800	2000	3500	4300	3800	2000	1600
(7)		.90	900	1000	1200	1000	1000	1300	1700	2900	3600	2400	1300	1200
Corkindale	74.0	.50	1700	2400	2700	2200	2000	1800	2300	4200	5300	4000	2100	1700
		.10	3300	4300	5200	3500	3400	2800	3300	6000	7400	6300	3400	2600
(8)		.90	1100	1100	1400	1100	1100	1500	1900	3200	4000	2800	1500	1300
Barr Creek	70.5	.50	1900	2600	3000	2500	2200	2100	2500	4600	5900	4500	2400	1900
		.10	3700	4600	5800	4200	4000	3300	3600	6600	8200	7100	3800	2800

reach and transect specific data used in this process of determining the best estimates are presented in Tables 16-23. The best estimate of the measured calibration discharges for Marblemount Slough was determined by averaging the measured discharges for all transects (Table 21). The error ranges and qualitative classification for calibration of the IFG-4 model are summarized in Table 24. A model is considered adequately calibrated if the velocity adjustment factors (VAFS) are in the good range and the velocity prediction errors in the fair to good range.

The calibrated hydraulic simulation models were used to predict the hydraulic parameters for the range of simulated flows required for generation of river habitat response curves and the effective spawning habitat model analyses. For the river habitat response curves it was necessary to simulate flows substantially lower than those which occur naturally or under regulated conditions. Simulations higher than the measured high calibration discharges resulted in increasing the value (greater error) of the VAF'S at the extreme flows. The effective spawning habitat model did not require simulation of flows to these extents which resulted in a lower overall error. A summary of VAF'S for each reach by transect is presented separately for the river habitat response curves and the effective spawning habitat model (Table 25). The VAF'S for individual simulated flows by reach and transects are shown in Appendix A, Table 1.

In Table 25 the range of flows simulated for the river habitat response curves, 90% of the VAFS were in the good range for all reaches and transects except for Reach 2, transects 3 and 4; Reach 3, transects 2 and 5; and Reach 8, transect 5. In Reach 2, flows were simulated to 200 cfs when the low calibration flow was approximately 2800 cfs which accounted for the errors in transects 3 and 4. A similar situation occurred in Reach 3, transects 2 and

Table 16. Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 1, Island Site.

Transect ID	Date	Reach Time	USGS Gages				Predicted from USGS gages		Reach	
			Newhalem	Alma	Alma-Newhalem	USGS	gages	Measured IFG-4	Best Estimate	
11	High	9-24-82	5656	6012	356	5795	6090	5862		
	Med	9-18-82	2814	3162	348	3047	2774	3050		
	Low	9-26-82	1459	1832	373	1709	1693	1645		
12	High	3-14-83	6981	7818	837	7543	5916	7543		
	Med	9-25-82	3019	3378	359	3260	3201	3272		
	Low	9-26-82	1432	1794	362	1675	2305	1625		
13	High	3-8-83	6820	7578	758	7329	10286	7329		
	Med	9-25-82	3019	3378	359	3260	3345	3272		
	Low	9-26-82	1432	1756	324	1650	1572	1618		
14	High	3-8-83	6820	7578	758	7329	9219	7329		
	Med	10-1-82	2718	3000	282	2908	2922	2922		
	Low	9-26-82	1441	1756	315	1653	1664	1618		

Table 17. Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 2, Sky Creek.

Transect ID	Date	Reach Time	USGS Gages				Predicted from USGS gages	Reach Measured IFG-4	Best Estimate
			Alma-		Newhalem				
			Alma	Newhalem	Alma	Newhalem			
21	High	3-15-83	6935	7698	763	7616	7672	7562	
	Med	3-20-83	4531	5000	469	4949	5388	5100	
	Low	3-27-83	2304	2702	398	2659	2966	2794	
22	High	3-15-83	6935	7698	763	7616	8362	7562	
	Med	3-20-83	4531	5000	469	4949	5300	5700	
	Low	3-26-83	2304	2702	398	2659	2987	2784	
23	High	3-15-83	6935	7698	763	7616	7452	7562	
	Med	3-20-83	4531	5000	469	4949	5110	5100	
	Low	3-27-83	2304	2702	398	2659	2876	2784	
24	High	3-14-83	6981	7818	837	7727	7666	7666	
	Med	3-20-83	4531	5000	469	4949	5091	5100	
	Low	3-27-83	2304	2702	398	2659	2692	2784	

Table 18. Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 3, Copper Creek.

Transect ID	Date	Reach Time	Discharges				Predicted		Best Estimate
			USGS Gages		from USGS gages	Measured IFG-4			
			Newhalem	Alma			Alma- Newhalem		
31	High 3-9-83	0830	6935	8880	1945	9174	9477	9477	
	Med 4-6-83	0730	3700	4210	510	4287	3859	4150	
	Low 10-2-82	0900	1941	2500	559	2584	2286	2479	
32	High 3-8-83	1500	6935	7650	715	7760	12759	8027	
	Med 4-6-83	0920	3700	4210	510	4287	4030	4150	
	Low 10-2-82	1106	1952	2606	654	2705	2589	2589	
33	High 3-9-83	1045	6935	9123	2188	9453	9786	9786	
	Med 4-6-83	1530	3700	4210	510	4287	4090	4150	
	Low 10-2-82	1415	1941	2654	713	2762	2427	2639	
34	High 3-9-83	1330	6935	9123	2188	9453	10260	9786	
	Med 4-6-83	1415	3700	4210	510	4287	4267	4150	
	Low 10-3-82	0713	1216	1639	423	1703	1589	1586	
35	High 3-9-83	1548	6935	9123	2188	9453	12235	9786	
	Med 4-6-83	1300	3700	4210	510	4287	5204	4150	
	Low 10-2-82	1628	1941	2590	649	2688	1510	2589	
36	High 3-10-83	0910	6935	8538	1603	8780	8647	9035	
	Med 4-6-83	1030	3700	4210	510	4287	4215	4150	
	Low 10-3-82	0925	1216	1639	423	1703	1584	1586	

Table 19. Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 4, Indian Bar.

Transect ID	Date	Reach Time	Discharges				Best Estimate	
			Alma	USGS Gages		Measured IFG-4		
				Marble-mount	Marble-mount-Alma			Predicted from USGS gages
41	3-5-83	1000	7350	8550	1200	8176	7769	8100
	4-7-83	0730	3990	4760	770	4520	4280	4450
	10-10-82	1430	1756	2670	914	2385	1965	1975
42	3-5-83	1156	7410	8550	1140	8194	8135	8214
	4-7-83	1000	4210	4970	760	4733	4658	4698
	10-10-82	1335	1756	2670	914	2385	1655	1975
43	3-6-83	1507	7410	8550	1140	8194	8113	8214
	4-7-83	0810	4210	4970	760	4733	4413	4698
	10-10-82	1130	1756	2670	914	2385	2293	1975
44	3-6-83	1340	7362	8390	1028	8069	8395	8214
	4-7-83	0640	4210	4970	760	4733	4737	4698
	10-10-82	1000	1756	2670	914	2385	1990	1975

Table 20. Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharge for each transect at Reach 5, Marblemount.

Transect ID	Date	Reach Time	Discharges				Reach	Best Estimate
			USGS Gages		Predicted			
			Newhalem	Marble- mount	Marblemount- Newhalem	from USGS gages		
51	High	3-17-83	6715	8550	1835	8550	8182	8419
	Med	4-8-83	3520	4820	1300	4820	4575	4640
	Low	10-4-82	1216	2396	1180	2396	1916	1961
52	High	3-17-83	6715	8510	1795	8510	8701	8419
	Med	10-1-82	3520	4820	1300	4820	3354	3354
	Low	10-1-82	1216	2396	1180	2396	2111	1903
53	High	3-16-83	6935	8430	1495	8430	7132	7132
	Med	4-7-83	3520	4820	1300	4820	4659	4659
	Low	10-3-82	1216	2396	1180	2396	2010	1961
54	High	3-17-83	5333	7000	1667	7000	8375	8419
	Med	4-8-83	4915	5000	85	5000	4633	4640
	Low	10-3-83	1216	2377	1161	2377	1828	1999
55	High	3-16-83	6935	8430	1495	8430	8476	8539
	Med	4-8-83	2718	3635	917	3635	5086	4640
	Low	10-3-82	1405	2320	915	2320	2034	1999
56	High	3-16-83	6935	8430	1495	8430	8602	8539
	Med	4-8-83	4548	4790	242	4790	4713	4640
	Low	10-3-82	1328	2358	1030	2358	1872	1999

Table 21. Measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharges for each transect at Reach 6, Marblemount Slough. The mainstem discharge at Marblemount gage is also shown.

Transect ID		Date	Reach Time	Discharge		
				USGS Gage Marblemount	Reach Measured IFG-4	Best Estimate
61	High	3-29-83	1145	9190	107.2	102.8
	Med	4-3-83	1415	7590	64.3	56.1
	Low	3-26-83	1530	6650	24.3	22.3
62	High	3-29-83	1215	9190	97.4	102.8
	Med	4-3-83	1500	7590	54.6	56.1
	Low	3-26-83	1600	6650	20.9	22.3
63	High	3-29-83	1240	9190	107.4	102.8
	Med	4-3-83	1530	7590	57.2	56.1
	Low	3-26-83	1645	6650	21.6	22.3
64	High	3-29-83	1315	9190	105.3	102.8
	Med	4-3-83	1600	7590	57.0	56.1
	Low	3-27-83	1530	6650	23.2	24.1
65	High	3-29-83	1345	9190	103.1	102.8
	Med	4-3-83	1630	7590	48.1	56.1
	Low	3-27-83	1300	6650	21.8	24.1
66	High	3-29-83	1415	9190	96.2	102.8
	Med	4-3-83	1743	7590	55.2	56.1
	Low	3-27-83	1230	6650	27.3	24.1

Table 22. Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharge for each transect at Reach 7, Corkindale.

Transect ID	Date	Reach Time	USGS Gages				Predicted		Reach Measured IFG-4	Best Estimate
			Newhalem	Marble- mount	Marble- mount-	Newhalem	from			
							USGS	gages		
71	High	3-28-83	1130	7533	8590	1057	9247	10844	9166	
	Med	4-19-83	0800	3700	5390	1690	6486	6916	6281	
	Low	10-9-82	1126	1224	2570	1346	3398	2998	3000	
72	High	3-28-83	1000	7487	8590	1103	9201	9954	9166	
	Med	4-2083	0700	3715	5670	1955	7025	6248	6432	
	Low	10-9-82	0947	1232	2610	1378	3406	2731	3000	
73	High	3-23-83	1545	6799	7774	975	8328	8885	8885	
	Med	4-20-83	0600	3715	5670	1955	7025	6432	6432	
	Low	10-9-82	0730	1232	2610	1378	3406	3000	3000	
74	High	3-23-83	1200	6799	7774	975	8328	8927	8885	
	Med	4-19-83	0710	3700	5390	1690	6486	6281	6281	
	Low	10-8-82	0930	1256	2690	1434	3861	2995	3100	
75	High	3-18-83	1100	6843	8230	1387	8914	9066	9066	
	Med	4-17-83	0920	3580	4760	1180	5294	5134	5334	
	Low	10-8-82	0744	1256	2690	1434	3861	2832	3150	

Table 23. Discharge records from USGS gaging stations and measured discharges (IFG-4 output) used in determining the best estimate of the discharge at the high, medium and low calibration discharge for each transect at Reach 8, Barr Creek.

Transect ID	Date	Reach Time	USGS Gages			Predicted		Reach	
			Newhalem	Marble-mount	Marble-mount-Newhalem	USGS gages	IFG-4	Best Estimate	
									measured
81	3-28-83	1600	7533	8630	1097	9383	9796	9825	
	3-18-83	0630	3058	4640	1582	6364	5698	5812	
	9-19-82	0700	1432	2434	1002	3323	2928	2904	
82	4-8-83	0820	7280	8670	1390	9748	7538	9825	
	4-4-83	0815	3505	4850	1345	5973	5804	5812	
	9-19-82	1015	1432	2434	1002	3323	2878	2904	
83	3-28-83	1400	7533	8590	1057	9383	9857	9825	
	3-6-83	1030	2993	4640	1647	6299	5377	5377	
	9-19-82	1300	1432	2434	1002	3323	2494	2904	
84	9-24-82	1652	5656	6685	1029	7547	7965	7500	
	3-6-83	0809	2993	4670	1677	6299	5114	5377	
	9-24-82	0708	1441	2472	1031	3332	3800	3300	
85	3-13-83	0800	3019	5210	2191	7010	7381	7550	
	4-4-83	0600	3505	4880	1375	5973	5934	5812	
	9-25-82	0711	1396	2472	1076	3287	3180	3180	

Table 24. Error ranges and qualitative classification for calibration of IFG-4 hydraulic simulation model.

---

Velocity Adjustment Factor		
0.9-1.1		good
0.85-0.9, 1.1-1.15		fair
0.80-0.85, 1.15-1.20		marginal
0.70-0.80, 1.20-1.30		poor
less than 0.70, greater than 1.30		very poor
Velocity Predication Error		
90% < 0.10 (i.e. 90% of values < 0.10)		good
90% < 0.15		fair
< 0.20		marginal
< 0.25		poor
more than 10%	0.25	very poor

---



Table 25 (continued).

		Transect						
		1	2	3	4	5	6	Mean
(6) Marblemount Slough								
	0.90-1.10	100.00	100.00	70.37	100.00	100.00	100.00	95.06
	0.85-1.15	100.00	100.00	88.89	100.00	100.00	100.00	98.15
	0.80-1.20	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.70-1.30	100.00	100.00	100.00	100.00	100.00	100.00	100.00
(7) Corkindale								
A	0.90-1.10	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.85-1.15	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.80-1.20	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.70-1.30	100.00	100.00	100.00	100.00	100.00	100.00	100.00
B	0.90-1.10	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.85-1.15	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.80-1.20	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	0.70-1.30	100.00	100.00	100.00	100.00	100.00	100.00	100.00
(8) Barr Creek								
A	0.90-1.10	100.00	92.14	100.00	93.57	71.43		91.43
	0.85-1.15	100.00	100.00	100.00	98.57	77.14		95.14
	0.80-1.20	100.00	100.00	100.00	100.00	81.43		96.29
	0.70-1.30	100.00	100.00	100.00	100.00	87.89		97.58
B	0.90-1.10	100.00	100.00	100.00	100.00	75.89		95.18
	0.85-1.15	100.00	100.00	100.00	100.00	83.04		96.61
	0.80-1.20	100.00	100.00	100.00	100.00	88.39		97.68
	0.70-1.30	100.00	100.00	100.00	100.00	96.43		99.29

5, in which the low calibration flows were approximately 2600 cfs and flows simulated to 300 cfs. In Reach 8, transect 5 the reverse occurred. The high calibration flow was approximately 7600 and the river habitat response curves required flows simulated to 14,900.

The effective spawning habitat models did not require flows simulated as high or as low as the river habitat response curves and consequently only Reach 8, transect 5 did not fall within the good range (Table 25).

The velocity prediction errors based on calibration discharges are summarized for each reach and transect in Table 26. Transects within reaches which do not satisfy the guidelines of fair to good set forth by Milhous include Reach 1, transects 1, 2, and 3; Reach 2, transect 2; Reach 3, transects 2 and 5; Reach 5, transect 5; and Reach 8, transect 1. At each of these transects, unique channel characteristics were responsible for these errors. Four general channel characteristics noted consisted of 1) the centrum of discharge shifting from the side of the channel at low flow to the center at high flow such that velocities were lower at high flows on the side of the channel; 2) narrow channels in which stage rather than velocity increased with increases in discharge; 3) backwater areas at the river margins with low velocities at the low and medium calibration discharges, and high velocities at the high calibration discharges; and 4) boulder strewn and debris-laden areas behind which velocities did not predictably increase with increased discharge. Each of the reach/transects mentioned above possessed one or more of these characteristics accounting for the source of error in the velocity predictions.

The transects within each reach were weighted upstream and downstream to reflect changes in conditions observed in the field. In addition the cell lengths within reaches which contained bends were adjusted with the IFG

Table 26. Cumulative percent of velocity prediction errors within qualitative error ranges for indicated reaches.

	Transect						Mean
	1	2	3	4	5	6	
(1) Island	57.47	54.61	85.06	87.18			68.24
<.10	74.71	68.79	89.66	93.59			79.50
<.15	80.46	81.56	93.10	94.87			86.44
<.20	87.36	88.66	94.25	97.44			91.31
(2) Sky Creek	80.71	83.33	94.67	86.42			86.60
<.10	91.23	88.46	100.00	93.83			93.47
<.15	94.74	92.31	100.00	96.30			95.88
<.20	98.25	94.87	100.00	98.77			97.94
(3) Copper Creek	91.30	60.00	94.67	82.22	73.33	95.24	82.61
<.10	92.75	72.00	97.33	95.56	87.78	100.00	91.10
<.15	95.65	85.33	98.67	97.78	95.56	100.00	95.65
<.20	95.65	88.00	100.00	100.00	97.78	100.00	97.10
(4) Indian Bar	92.38	88.24	88.46	88.46			89.53
<.10	95.24	93.14	93.59	93.59			93.94
<.15	97.14	98.04	96.15	96.15			96.97
<.20	97.14	98.04	97.44	97.44			97.52
(5) Marblemount	94.67	80.30	97.44	96.15	82.61	92.00	90.93
<.10	98.67	93.94	98.72	97.44	88.41	96.00	95.69
<.15	100.00	96.97	100.00	98.72	95.65	100.00	98.64
<.20	100.00	96.97	100.00	100.00	98.55	100.00	99.32
*(6) Marblemount Slough	76.19	78.21	62.32	76.34	56.00	71.02	70.76
<.10	93.33	94.87	78.26	87.10	82.67	84.06	87.32
<.15	99.05	98.72	89.86	92.47	89.33	94.20	94.27
<.20	100.00	98.72	92.75	93.55	90.67	94.20	95.30

Table 26 (continued).

	Transect						Mean
	1	2	3	4	5	6	
(7) Corkindale	87.50	95.70	89.66	94.87	98.99	93.50	
<.10	93.75	96.77	98.85	100.00	100.00	97.97	
<.15	97.92	98.93	100.00	100.00	100.00	99.39	
<.20	98.96	100.00	100.00	100.00	100.00	99.80	
<.25							
(8) Barr Creek.	80.46	95.70	93.10	89.74	93.55	90.64	
<.10	87.36	96.77	97.70	94.87	96.77	94.75	
<.15	91.95	98.93	100.00	97.44	97.85	97.26	
<.20	97.70	100.00	100.00	98.72	98.93	99.09	
<.25							

program (RADBEND). This program employs left and right reach multipliers to account for differences in distance on the inside and outside of bends.

#### 4.7 Probability-of-use Criteria

##### 4.7.1 Depth and Velocity

It was recommended by Bovee (1978) that probability-of-use criteria specific to the species inhabiting each stream or river be developed due to adaptive interactions between fish stocks and stream size. In general, it cannot be safely assumed that habitat preferences for a given species/life stage are the same throughout a species' geographic range, therefore, fish from rivers which differ in physical attributes will probably have different probability-of-use criteria.

Depth and nose velocities (0.5 feet deep) were measured at the upstream lip of active (occupied immediately prior to observation) salmon and fresh (not occupied immediately prior to observation) steelhead redds from 1975 to present (Graybill et al. 1979 and Stober et al. 1982). Although it was not possible to systematically exclude the effects of short term variation in river stage due to hydroelectric flow fluctuation, sampling bias was reduced by taking a large number of field measurements under different flow conditions at numerous river locations. These data were utilized to develop specific probability-of-use criteria for spawning chinook, pink and chum salmon and steelhead trout used in this instream flow analysis. The number of observations of spawning chinook, pink, chum and steelhead were 436, 347, 251 and 305, respectively.

Depth and velocity probability-of-use criteria were developed by plotting frequency histograms of these data over the range of depths and velocities measured. Each interval was evaluated by selective grouping of adjacent observed values to obtain the lowest variance between all intervals, i.e.,

magnitude of fluctuations. In addition, values were grouped in a manner to continually increase to a maximum grouped value then decrease similarly. The maximum interval value was assigned a probability of 1.0 and all other intervals assigned a proportion of that based on the ratio of the number of observations in the submaximal intervals to the number in the maximum group. The midpoints of each submaximal interval and the high and low values within the maximum interval were used in constructing the probability-of-use curves.

Since earlier versions of the IFG-4 hydraulic simulation model were programmed to accept only mean water column velocities ( $\bar{v}$ ) it was necessary to convert nose velocity data measured in the field. The conversion was facilitated by the Prandtl Von Karmen equation (Chow 1959) which relates  $\bar{v}$  to the velocity measured at any given depth and bottom substrate size. The equation is as follows:

$$\bar{v} = \frac{v_y \ln \left[ \frac{(12.12)d}{D_{65}} \right]}{\ln \left[ \frac{33.2y}{D_{65}} \right]}$$

where:  $\bar{v}$  = mean column velocity

$v_y$  = velocity measured at depth  $y$

$y$  = distance from bottom

$d$  = depth of water

$D_{65}$  = a particle size of which 65 percent of the substrate is smaller.

The probability-of-use criteria for depth and a comparison of mean water column to nose velocity developed for Skagit River spawning chinook, pink and chum salmon and steelhead trout used in this analyses are illustrated in

Appendix B, Figures 2, 8, 11, 12 and 15, respectively. The criteria for chum salmon were separated into mainstem and side channel spawning populations and plotted separately to illustrate the important differences in both habitat types.

Although this instream flow study was designed around the use of only the spawning stage of the four species of salmon and steelhead in the river a comparative review of the criteria available for all other salmonid species/life stages found in the Skagit River was conducted. The results of this review were circulated to the State, Federal and Tribal fisheries agencies on May 27, 1983 and followed by a meeting of agency, Seattle City Light and Fisheries Research Institute representatives on June 6, 1983. During the meeting concensus criteria for all other species/life stages were agreed upon. These additional probability-of-use criteria were utilized in a partial IFIM (Figure 3) analysis yielding WUA versus discharge curves for each individual river reach.

A comparison of the spawning probability of use criteria developed for the evaluation species on the Skagit River with criteria developed for the same species from other river systems indicates the Skagit River fish generally utilize greater velocities and depths and larger substrata. This may reflect in part the availability of physical parameters rather than an actual preference. Nevertheless it reinforces the concept of developing river specific criteria.

#### 4.7.2 Substrate

Observations of substrate preference for the evaluation species were made in Skagit River field studies subsequent to much of the historical depth and velocity measurements. All of the critical reaches were selected because of utilization by spawning salmon and steelhead which facilitated collection of

substrate preference data at spawning areas within the reaches during the course of discharge measurements for each species. The field data were developed into Skagit River substrate criteria for the evaluation species according to the Washington State substrate coding system.

The substrate preference curves for the remaining salmonid species (Bovee 1978) were utilized as a basis for the transformation to the Washington State code system. The raw data for these curves were not available and required a method by which the existing coding systems could be recoded into a combined data base. The IFG code based on the modified Wentworth scale, the Chapman code for juvenile coho, and the Washington State code are presented in Tables 28, 29 and 30, respectively. In each coding system an integer generally indicates a range of substrate size rather than a discrete size. For example, in the Washington code, the integer 6 refers to substrate between 76.2 and 162.4 mm. To determine code equivalents for given substrate sizes, the range of sizes for a given integer was proportioned halfway between the adjacent higher and lower code integers at 0.1 intervals. For example, with the Washington code: 5.5 = 76.2 mm, 5.6 = 83 mm, ..., and 6.5 = 152.4 mm. The process was repeated for all coding integers for each of the three systems. The Washington State code equivalents for the IFG and Chapman codes are presented in Table 31. Code equivalents are unavailable at the higher and lower ends and require estimations.

The Washington State code is a three digit system, the first digit indicating the dominant (percent of total, surface area) substrate type, the second digit represents the subordinate particle size and is followed by a decimal point, the third is the percent of the total surface area occupied by the dominant substrate size. This system allows for the recording of non-consecutive substrate codes. For example, the code 36.7 is interpreted as 70

Table 27. Summary of the probability of use criteria for the Skagit River instream flow analysis. References cited are listed in Appendix B.

Species	Life stage	Habitat parameters	Data source options	Data source preferred	Number of observations	Revisions to curves (P=probability)	Comments	
<u>Chinook</u>	Spawning	Velocity	FRI(1), FWS(2) IFG(3)	FRI(1)	436	None	WDF criteria recommended by staff consensus for Illabot Cr. study	
		Depth	FRI(1), WDF(4) FWS(2), IFG(3)	FRI(1)	436	None		
	Fry	Substrate	IFG(3), FRI(5)	FRI(5)	Unavailable		None	FWS criteria prepared by Wampler
		Velocity	FRI(6)	FRI(6)	Unavailable		None	
		Depth	FRI(6)	FRI(6)	"		Revised right limb parallels original so that P=1.0 at 2.0 ft	FRI criteria based on electrofishing and transect measurement data
		Substrate	FRI(6)	FRI(6)	"		None	
<u>Pink</u>	Spawning	Velocity	FRI(1), WDF(7) FWS(8)	FRI(1)	347	None	FWS criteria prepared by Wampler	
		Depth	FRI(1), WDF(7) FWS(8)	FRI(1)	347	None		
	Substrate		FRI(5), FWS(8)	FRI(5)	Unavailable		None	
<u>Chum</u>	Spawning	Velocity	FRI(1), WDF(7) FWS(9)	FRI(1)	251	None	Mainstem & side channel data combined.	
		Depth	FRI(1), WDF(7) FWS(9)	FRI(1)	251	None		
	Velocity		FRI(1)	FRI(1)	153		Mainstem	
			FRI(1)	FRI(1)	98		Side channel	
Depth		FRI(1)	FRI(1)	98		Side channel		

Table 27. (Cont.)

Species	Life stage	Habitat parameters	Data source options	Data source preferred	Number of observations	Revisions to curves (P=probability)	Comments
Chum, cont'd	Depth		FRI(1),WDF(7) FWS(9)	FRI(1)	251	None	
	Substrate		FWS(9)	FWS(9)	Unavailable	None	Upwelling criteria are not addressed
Steelhead	Spawning	Velocity	FRI(1),FWS(13) IFG(13)	FRI(1)	270	None	Assume summer run stlhd habitat criteria are same as winter run
		Depth	FRI(1),FWS(13) IFG(13)	FRI(1)	305	None	
	Fry	Substrate	FRI(1),FWS(13) IFG(14)	IFG(14)	Unavailable	None	
		Velocity	IFG(15)	IFG(15)	Unavailable	None	Depth optima may not be shallow enough; no revisions made
Juvenile	Depth		IFG(15)	IFG(15)	"	None	
	Substrate		IFG(15)	IFG(15)	"	None	
	Velocity		FWS(14),IFG(15) FWS(14)	FWS(14)	Unavailable	None	FWS data prepared by Wampler
Adult	Depth		WDG(16),FWS(14) IFG(15)	WDG(16)	"	For depth >0.75, P=1.0	WDG depth curve based partly on FWS data; right limb left open ended
	Substrate		IFG(15)	IFG(15)	"	None	
	Velocity		IFG(17)	IFG(17)	Unavailable	None	
Adult	Depth		IFG(17)	IFG(17)	"	Revised left limb: P=0.0 at 1.0 ft, P=0.2 at 2.0 ft, then parallel original curve so that P = 1.0 at 3.1 ft.	
		Substrate		IFG(17)	IFG(17)	"	Right limb left open ended.

Table 27. (Cont.)

Species	Life stage	Habitat parameters	Data source options	Data source preferred	Number of observations	Revisions to curves (P=probability)	Comments
Coho	Spawning	Velocity	WDF(4), FWS(2) IFG(3)	WDF(4)	Unavailable	None	Coho won't be used in instream flow model. WDF criteria based on staff consensus
		Depth	WDF(4), FWS(2) IFG(3)	WDF(4)	"	None	
	Fry	Substrate	IFG(3)	IFG(3)	"	None	
		Velocity	IFG(10)	IFG(10)	Unavailable	None	
		Depth	IFG(10)	IFG(10)	"	None	Although depth & substrate criteria are suspect, no changes were recommended
	Juvenile	Substrate	IFG(10)	IFG(10)	"	None	
		Velocity	FWS(11)	FWS(11)	Unavailable	None	FWS criteria prepared by P. Wampler
		Depth	WDF(12), FWS(11)	WDF(12)	"	None	WDF criteria based on staff consensus
		Substrate	FWS(11)	FWS(11)	"	None	

Table 27. (Cont.)

Species	Life stage	Habitat parameters	Data source options	Data source preferred	Number of observations	Revisions to curves (P=probability)	Comments
<u>Rainbow Trout</u>							
Rainbow Trout	Spawning	Velocity	IFG(18)	IFG(18)	Unavailable	None	
		Depth	IFG(18)	IFG(18)	"	None	
	Fry	Substrate	IFG(18)	IFG(18)	"	None	
		Velocity	IFG(10)	IFG(10)	"	None	
		Depth	IFG(10)	IFG(10)	"	None	
Substrate	WDG(16), IFG(10)	WDG(16)	"		Right and left limbs of IFG curve extended	WDG criteria based on staff consensus	
Juvenile	Velocity	IFG(10)	IFG(10)	"	None		
	Depth	IFG(10)	IFG(10)	"	None		
	Substrate	WDG(16), IFG(10)	WDG(16)	"		Right and left limbs of IFG curve extended	WDG criteria based on staff consensus
Adult	Velocity	IFG(10)	IFG(10)	"	None		
	Depth	IFG(10)	IFG(10)	"	None		
	Substrate	WDG(16), IFG(10)	WDG(16)	"		Right limb of IFG curve extended	WDG criteria based on staff consensus
<u>Dolly Varden</u>							
Dolly Varden	Spawning	Velocity	AFIDC(19)	AFIDC(19)	Unavailable	None	
		Depth	AFIDC(19)	AFIDC(19)	"	None	
		Substrate	AFIDC(19)	AFIDC(19)	"	None	
Fry	Velocity	AFIDC(19)	AFIDC(19)		460	None	
	Depth	AFIDC(19)	AFIDC(19)	"	"	None	
	Substrate	AFIDC(19)	AFIDC(19)	"	"	None	
Juvenile	Velocity	AFIDC(19)	AFIDC(19)		344	None	
	Depth	AFIDC(19)	AFIDC(19)	"	"	None	
	Substrate	AFIDC(19)	AFIDC(19)	"	"	None	
						Criteria were established by consensus of ADFG and AEIDC staff	

Table 27. (Cont.)

Species	Life stage	Habitat parameters	Data source options	Data source preferred	Number of observations	Revisions to curves (P=probability)	Comments
<u>Cutthroat Trout</u>							
	Spawning	Velocity	IFG(13)	IFG(13)	Unavailable	None	
		Depth	IFG(13)	IFG(13)	"	None	
		Substrate	IFG	IFG	"	None	Substrate assumed to be same as rainbow trout
	Fry	Velocity	WDG(16), IFG(10)	WDG(16)	"	At depth <0.5, P=1.0 IFG right limb	WDG criteria based on staff consensus
		Depth	WDG(16), IFG(10)	WDG(16)	"	remains same	
		Substrate	WDG(16), IFG(10)	WDG(16)	"	Curve shifted to left Right & left limbs of IFG curve extended	
	Juvenile	Velocity	IFG(10)	IFG(10)	"	None	
		Depth	IFG(10)	IFG(10)	"	None	WDG criteria based on staff consensus
		Substrate	WDG(16), IFG(10)	WDG(16)	"	Right & left limbs of IFG curve extended	
	Adult	Velocity	IFG(10)	IFG(10)	"	None	
		Depth	WDG(16), IFG(10)	WDG(16)	"	At depth >1.5, P=1.0 IFG left limb	WDG criteria based on staff consensus
		Substrate	WDG(16), IFG(10)	WDG(16)	"	remains same Right limb of IFG curve extended	
<u>Mountain Whitefish</u>							
	Spawning	Velocity	IFG(20)	IFG(20)	Unavailable	None	
		Depth	IFG(21)	IFG(21)	"	None	
		Substrate	IFG(21)	IFG(21)	"	None	
	Fry	Velocity	IFG(22)	IFG(22)	"	None	
		Depth	IFG(22)	IFG(22)	"	None	
		Substrate	IFG(22)	IFG(22)	"	None	
	Juvenile	Velocity	IFG(22)	IFG(22)	"	None	
		Depth	IFG(22)	IFG(22)	"	None	
		Substrate	WDG(23), IFG(22)	WDG(23)	"	At substrate >5.2, P=1.0, left limb	WDG criteria based on staff consensus
						remains same	

Table 27. (Cont.)

Species	Life stage	Habitat parameters	Data source options	Data source preferred	Number of observations	Revisions to curves (P=probability)	Comments
<u>Mountain Whitefish, cont'd</u>							
Adult	Velocity	IFG(22)	IFG(22)	IFG(22)	Unavailable	None	
	Depth	IFG(22)	IFG(22)	IFG(22)	"	None	
	Substrate	WDG(23), IFG(22)	WDG(23)	WDG(23)	"	At substrate >5.6, P=1.0, left limb of IFG curve remains the same	WDG criteria based on staff consensus

Table 28. Instream Flow Group substrate code based on modified Wentworth particle size scale.

Code	Substrate description	Size	
		Millimeters	Inches
1	Plant detritus	--	--
2	Clay	--	--
3	Silt	< 0.062	< 0.002
4	Sand	0.062 - 2	0.002 - 0.08
5	Gravel	2 - 64	0.08 - 2.5
6	Cobble	64 - 250	2.5 - 9.8
7	Boulder	250 - 4000	9.8 - 157.5
8	Bedrock	--	--

Table 29. Substrate code for coho juvenile as used by Chapman and provided by P. Wampler, FWS.

Code	Substrate description	Size	
		Millimeters	Inches
0	Organic	--	--
1	Clay	--	--
2	Silt	--	--
3	Sand	--	0.25
4	Pea gravel	6.4 - 25.4	0.25 - 1.0
5	Medium gravel	25.4 - 50.8	1.0 - 2.0
6	Coarse gravel	50.8 - 76.2	2.0 - 3.0
7	Cobble	76.2 - 254	3.0 - 10.0
8	Boulder	> 254	> 10.0
9	Bedrock	--	--

Table 30. Proposed Washington State Substrate Code for use in IFIM studies.

Code	Substrate description	Millimeters	Inches
0	Organic detritus	--	--
1	Fines, clay, silt	< 0.8	< 0.03
2	Sand	0.8 - 2	0.03 - 0.08
3	Small gravel	2 - 12.7	0.08 - 0.5
4	Medium gravel	12.7 - 38.1	0.5 - 1.5
5	Large gravel	38.1 - 76.2	1.5 - 3
6	Small cobble	76.2 - 152.4	3 - 6
7	Large cobble	152.4 - 304.8	6 - 12
8	Boulder	> 304	> 12
9	Bedrock	--	--

Table 31. Approximate code equivalents for Washington State, Instream Flow Group, and Chapman substrate coding systems. Substrate sizes are in millimeters.

Code	Washington State <sup>1</sup>	IFG <sup>2</sup>	Chapman <sup>3</sup>
0.0	Organic detritus		Organic detritus
0.5	< 0.8		
1.0	< 0.8	Plant detritus	Clay
1.5	0.8		< 0.8
1.6	0.9		
1.7	1.0		
1.8	1.20		
1.9	1.3		
2.0	1.4	Clay	
2.1	1.5		
2.2	1.6		
2.3	1.8		
2.4	1.9		
2.5	2.0	< 0.062	0.8
2.6	3.0		1.36
2.7	4.1		1.91
2.8	5.2		2.47
2.9	6.3		3.02
3.0	7.4		3.6
3.1	8.4		4.1
3.2	9.5		4.7
3.3	10.6		5.2
3.4	11.6		5.8
3.5	12.7	0.062	6.4
3.6	15.2	0.26	8.3
3.7	17.8	0.58	10.2
3.8	20.3	0.78	12.1
3.9	22.9	0.84	14.0
4.0	25.4	1.0	15.9
4.1	27.9	1.2	17.8
4.2	30.5	1.4	19.7
4.3	33.0	1.6	21.6
4.4	35.6	1.8	23.5
4.5	38.1	2.0	25.4
4.6	41.9	8.2	27.9
4.7	45.7	14.4	30.5
4.8	49.5	20.6	33.0
4.9	53.3	26.8	35.6
5.0	57.2	33.0	38.1
5.1	61.0	39.2	40.6
5.2	64.8	45.4	43.2
5.3	68.6	51.6	45.7

Table 31 (continued).

Code	Washington State <sup>1</sup>	IFG <sup>2</sup>	Chapman <sup>3</sup>
5.4	72.4	57.8	48.3
5.5	76.2	64.0	50.8
5.6	83.8	82.6	53.3
5.7	91.4	101.2	55.9
5.8	99.1	119.8	58.4
5.9	106.7	138.4	61.0
6.0	114.2	157.0	63.5
6.1	121.9	175.6	66.0
6.2	129.5	194.2	68.6
6.3	137.2	212.8	71.1
6.4	144.8	231.4	73.7
6.5	152.4	250	76.2
6.6	167.6	625	93.9
6.7	182.9	1,000	111.8
6.8	198.1	1,375	129.5
6.9	213.4	1,750	147.3
7.0	228.6	2,125	165.1
7.1	243.8	2,500	182.9
7.2	259.1	2,875	200.7
7.3	274.3	3,250	218.4
7.4	289.6	3,625	236.2
7.5	304.8	4,000	254.0
8.0	304.8	Bedrock	> 254
9.0	Bedrock		Bedrock

<sup>1</sup>Proposed Washington State coding system.

<sup>2</sup>IFG based on modified Wentworth scale.

<sup>3</sup>Chapman, code for juvenile coho.

percent small gravel (3) and some portion (up to 30%) small cobble (6). A difficulty arises in assigning a probability value to such a code. The general approach undertaken in this study was to take the weighted average of probability associated with the dominant and subordinate substrate type based on the percent of dominant substrate. If the resulting probability were unreasonable it was modified by professional judgement. The graphical presentation of the numerous combinations of substrate codes and percent of the dominant substrate and associated probabilities does not lend itself to conventional curves and appears rather complicated at first, however, with some perseverance the figures can be interpreted.

The Skagit River substrate data for chinook, pink, and chum salmon and steelhead trout spawning as well as substrate along transects were recorded with the new Washington State code. The final set of substrate probability-of-use criteria for the spawning life stage of the four evaluation species is presented in Appendix B, Figures 3, 9, 13, and 16. For the remaining salmonid species for which Skagit River data were not available for curve development, the substrate probability-of-use criteria derived from other sources was selected by consensus of the State and Federal fishery management agencies, Seattle City Light and Fisheries Research Institute biologists. Several of the criteria were modified in order to better represent the observed habitat preferences of each species in the Skagit River. The substrate curves and the sources of data used to construct the selected curves for each species are also presented in Appendix B.

Based on long and extensive experience in conducting salmon and steelhead research on the river the depth, velocity and substrate curves developed for the evaluation species based on Skagit River data and the modifications to published curves for the remaining salmonid species/life stages are believed

to adequately reflect the actual preferences of each species. The coordinates for the selected depth velocity and substrate curves for each species (FISHFIL) are presented in Appendix B, Table 25.

#### 4.8 Weighted Usable Area Predictions

##### 4.8.1 Reach-Habitat Response Curves

The IFIM HABTAT program was used to simulate the physical habitat, weighted usable area (WUA), for each of the species/life stages of interest for each reach. A detailed discussion of the theory of this program is found in Bovee (1982). The input to this program was the habitat probability-of-use criteria and the output of the calibrated IFG-4 hydraulic simulation models (Figure 3). The spawning habitat for the four evaluation species: chinook, pink and chum salmon and steelhead trout was simulated using criteria based on mean column velocities and nose velocities for comparative purposes. Probability of use criteria specific for mainstem and side channel spawning habitat preferences of chum salmon were used in predicting WUA for the species in each respective location. A recently added option to the HABTAT program converts predicted mean column velocities to nose velocities which allow for the input of nose velocity suitability criteria into the model.

##### 4.8.2 River Habitat Response Curves

###### 4.8.2.1 Reach-Segment Extrapolation

Extrapolation of the mainstem reach habitat response curves to each respective segment was based on the relative segment fish distribution. The approach converted the WUA at the reach to a percent of the maximum WUA, thus removing physical units of measurement. The segment habitat was assumed to respond in the same degree to change in discharge on a percentage basis as the reach habitat. Recognizing that utilization of the segments by individual species differed, each segment was weighted according to the study area

(Newhalem to Rockport) distribution of redds or spawned area. The segment distributions for each species were derived from aerial photographs applying FRI redd mapping and segment distribution percentages from selected years (Tables 32, 33 and 34) to WDF and WDG multiyear river section data (Tables 3, 4, 5, and 6). A segment weighting factor, a fraction of 1.0, was assigned to each segment for each species. An additional assumption of this approach is that the species distribution between segments remained relatively constant over a range of spawning flows in order to provide accurate predictive capability. The estimated percent distributions of chinook, pink and chum salmon and steelhead trout by segment are presented in Table 35. Chum salmon data were not available for reaches 1, 2, 3 and 8 so pink salmon factors were employed for these reaches.

#### 4.8.2.2 Indexing Reach Discharge to Gorge Powerhouse

The significant amount of tributary inflow entering the Skagit River below Gorge powerhouse required that the mainstem reach habitat vs discharge curves be indexed to a control point to assess the effect of various Gorge releases on downstream habitat (Figure 3). Indexing was accomplished by subtracting the monthly tributary inflow at each of three exceedance probabilities [.90 (dry), .50 (median), and .10 (wet)] from the discharge values (x-axis) of the segment habitat response curves. The new discharge axis can be viewed as the range of discharges or releases from Gorge that produce the associated amount of WUA for that reach. For reaches at which the tributary inflow is significant, habitat would be available at zero or even negative releases from Gorge due to the discharge provided by tributary inflow alone.

The river discharge curves based on the reach to segment extrapolation procedure were generated by summing the weighted reach WUA as a percent of the

Table 32. Reach extrapolation factors determined from ratio of redds in the segment to redds in reach based on aerial photographs of chinook salmon redds taken on September 21, 1976 and October 6, 1980.

Reach/Segment	Redds in reach	Redds in segment	Reach extrapolation factor (Redds segment/Redds reach)
(1) Island	78	254	3.26
(2) Sky Creek	18	127	7.06
(3) Copper Creek	99	288	2.91
(4) Indian Bar	112	386	3.45
(5) Marblemount	304	567	1.87
(7) Corkindale	53	442	8.34
(8) Barr Creek	131	559	4.27

Table 33. Reach extrapolation factors determined from ratio of redds in the segment to redds in the reach based on a helicopter survey, aerial photographs and field observations of pink salmon redds conducted on October 11, 1977, October 14, 1981 and October 13, 1983.

Reach/segment	Area spawned in reach (ft <sup>2</sup> x 10 <sup>3</sup> )	Area spawned in segment (ft <sup>2</sup> x 10 <sup>3</sup> )	Reach extrapolation factor (Area segment/Area reach)
(1) Island	336.0	1,336.0	3.98
(2) Sky Creek	40.0	499.2	12.48
(3) Copper Creek	267.2	759.2	2.84
(4) Indian Bar	420.8	1,316.8	3.13
(5) Marblemount	683.2	1,196.8	1.75
(7) Corkindale	25.6	229.6	8.97
(8) Barr Creek	71.2	290.4	4.08

Table 34. Reach extrapolation factors determined from ratio of redds in the segment to redds in the reach based on helicopter surveys of steelhead trout redds from 1980-1983.

Reach/Segment	Redds in reach	Redds in segment	Reach extrapolation factor (Redds segment/Redds reach)
(1) Island	21	45	2.14
(2) Sky Creek	0	19	12.48*
(3) Copper Creek	41	49	1.20
(4) Indian Bar	21	75	3.57
(5) Marblemount	125	206	1.64
(7) Corkindale	32	701	21.91
(8) Barr Creek	75	413	5.51

\* Reach 2, pink salmon reach extrapolation factor.

Table 35. Estimated percent distribution of chinook, pink and chum salmon and steelhead trout by river segment derived from WDF and WDG spawning survey data and redd mapping and aerial photographs taken by FRI.

River Segment	Segment Length (ft x 10 <sup>3</sup> )	Chinook Salmon	Pink Salmon	Chum Salmon	Steelhead Trout
(1) Gorge Powerhouse to County Line	26.400	11.6	18.0	2.9	4.2
(2) County Line to Canyon - downstream end	16.896	2.2	7.3	1.2	1.8
(3) Canyon - downstream end to Bacon Creek	16.368	8.4	38.9	3.8	4.5
(4) Bacon Creek to Diobsud Creek	11.616	13.1	14.4	5.5	2.8
(5) Diobsud Creek to Cascade River	13.728	25.8	13.2	5.4	12.2
(7) Cascade River to Illabot Creek	34.320	17.2	3.6	35.6	46.9
(8) Illabot Creek to Sauk River	23.760	21.7	4.6	45.6	27.6

maximum WUA associated with like discharges for the seven segments. This was done for each of the evaluation species and tributary inflow exceedance probabilities by month.

The monthly Gorge releases required to provide the maximum amount of habitat (peak of river habitat response curves) were usually substantially lower than those which occur naturally or could physically be provided under a regulated regime on an annual basis. Therefore, a conventional approach of providing the flows which maximize the habitat was not appropriate under these circumstances and an alternative methodology of establishing streamflow management guidelines based on natural and regulated flows was developed.

#### 4.9 IFIM Interpretation

There are numerous ways to interpret the standard habitat response curves which are generated by PHABSIM. The flow chart (Figure 13) illustrates some of the procedures available. Following development of the weighted usable area versus discharge curves the question as to whether the data can be directly applied to streamflow management decisions is posed. If the answer is yes the left side of the flow chart is followed and if the answer is no alternative methodologies must be considered.

##### 4.9.1 Direct Application of Habitat-Discharge Curves

Direct application of the Skagit River habitat response curves was attempted following the extreme left side of the flow chart (Figure 13). It was apparent that the results using this method would not be directly useful in the development of streamflow management recommendations for the Skagit River. It also followed that utilization of any of the habitat optimization procedures would likewise be fruitless exercises and an alternate interpretation procedure was needed for the Skagit River. The IFG the effective spawning habitat model and an alternate model developed by FRI were

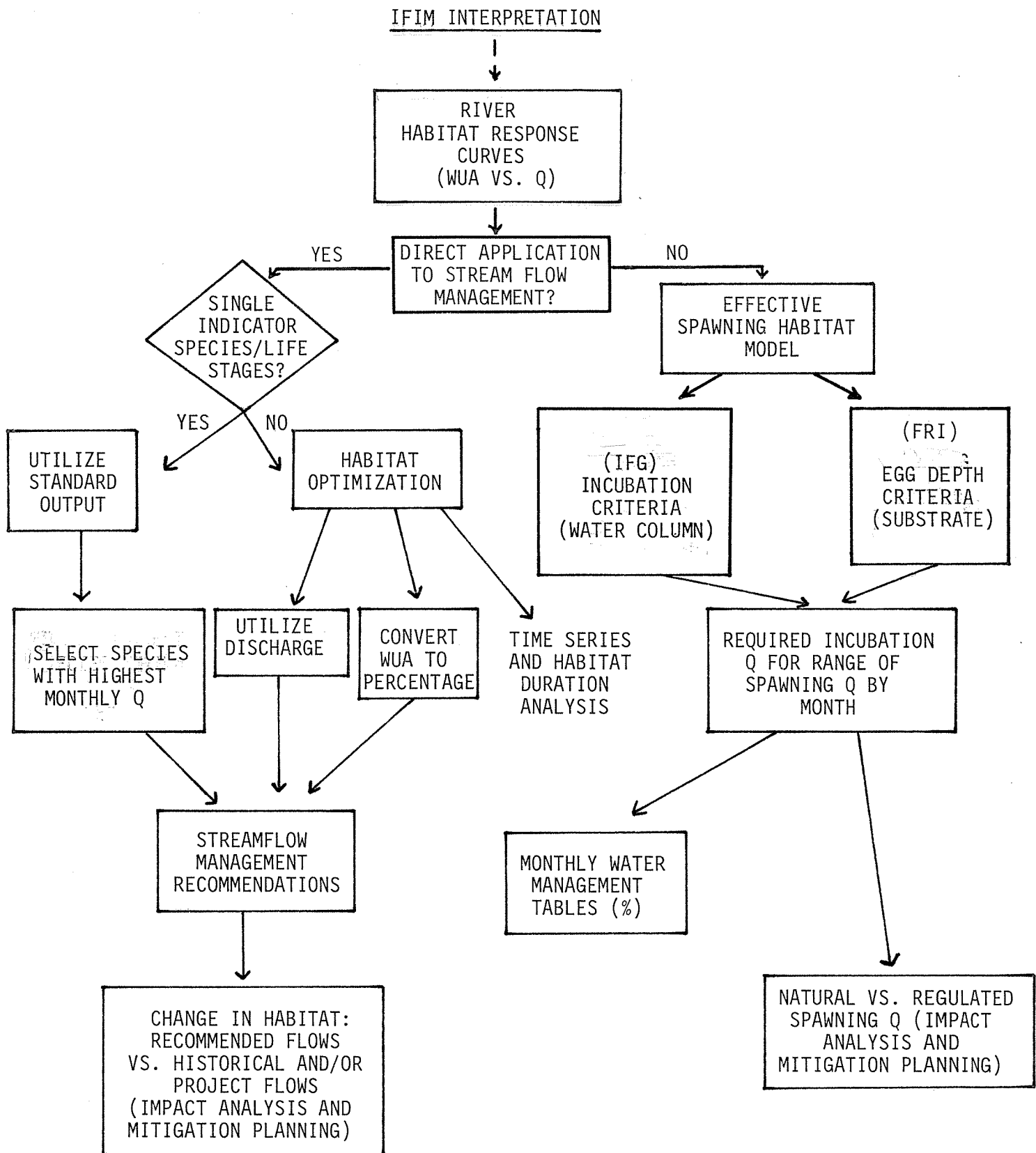


Figure 13. Flow diagram illustrating some of the IFIM interpretation procedures.

selected to meet this need. These models were used to identify the required incubation discharge for a range of spawning discharges for appropriate months. These data can then be utilized in the negotiation process to arrive at monthly water management regimes, to assess impact and plan mitigation strategies.

#### 4.9.2 Effective Spawning Habitat Models

##### 4.9.2.1 IFG Model

The IFG effective spawning habitat program and an effective spawning habitat program developed by FRI based on the minimum depth of eggs within the gravel were used to determine the amount of habitat available at monthly incubation flows for a range of regulated spawning discharges. The IFG effective spawning habitat program compares the spawning habitat (WUA) predicted for the individual cells within a reach at a specified spawning flow to the WUA predicted for the same cells at an incubation flow with user specified depth and velocity incubation criteria. The lesser of the predicted spawning WUA or incubation WUA for each cell is summed to determine the effective spawning habitat for the reach.

The incubation criteria coordinates selected for the four evaluation species were:

Velocity		Depth	
X	Y	X	Y
0	0	0	0
.1	1.0	.1	1.0
100.0	1.0	100.0	1.0

These criteria were considered adequate to provide intragravel incubation conditions and allow sufficient depth for fry emergence.

The IFG effective spawning habitat program has been documented (Swanson

and Crumley 1984) however, an example illustrating how it functions and a limitation of the program are discussed. The concept of the effective spawning program is diagrammatically illustrated in Figure 14. The water surface elevations for a spawning flow and four incubation flows are shown in cell  $C_2$ . If the area ( $A_{C_2}$ ) for  $C_2$  (width x extrapolated length upstream and downstream) were 10 square units and the spawning flow composite probability-of-use value  $CV$  ( $v \times d \times s$ ) were 0.1, then the spawning  $WUA = A_{C_2}CV_{C_2} = (10)(0.1) = 1$  square unit. The cell area at incubation flow A remains the same, and if the incubation  $CV$  based on the previously mentioned incubation criteria equals 1.0 then the incubation  $WUA = A_{C_2}(CV)_{C_2} = (10)(1.0) = 10$  square units. The effective spawning  $WUA$  for that cell is the lesser of the spawning or incubation  $WUA$  values or 1 square unit. At incubation flow D, the area for  $C_2$  equals zero, the incubation  $WUA$  equals zero, and therefore the effective spawning habitat equals zero. A problem arises at incubation flow C. The spawning  $WUA$  has been calculated for the area of a fully watered cell. The incubation  $WUA$  is now calculated for the area of cell  $C_2$  that is watered. Given the area of the cell is now 1 square unit and the  $CV$  for incubation remains the same, the incubation  $WUA$  is now (1 square unit) the same as the spawning  $WUA$ . Clearly in this example there is no calculated loss of effective spawning  $WUA$ , yet from the illustration a loss is apparent. Conditions which magnify this problem are large differences in bed elevations at cell boundaries (steep slope) and low spawning probability-of-use composite values. The program could be corrected by IFG if the spawning suitability composite value ( $CV$ ) determined for the spawning flow rather than the incubation suitability composite value were applied to the cell areas calculated at the incubation flows of interest and the lesser of the spawning  $WUA$  or incubation  $WUA$  selected and summed to determine the effective spawning

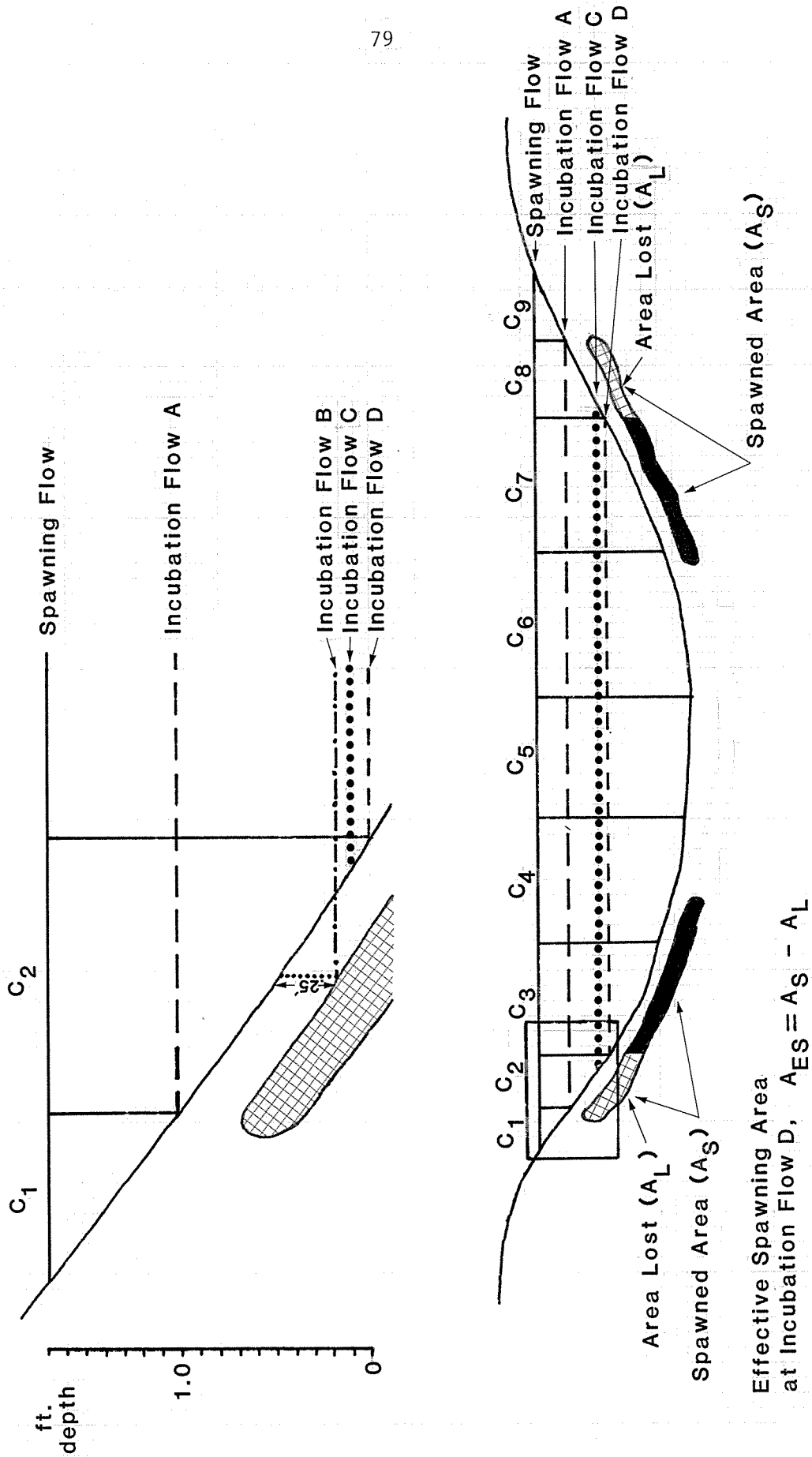


Figure 14. Concept of effective spawning area ( $A_{ES}$ ) is illustrated. At incubation flow A and C effective spawning area is maximized using the IFG program. At incubation flow B the effective spawning area is maximized using the FRI program. At incubation flow D the area lost ( $A_L$ ) is subtracted from the original spawned area ( $A_S$ ) to determine the effective spawning area ( $A_{ES}$ ).

habitat. To illustrate this correction using the above example data at incubation flow C the spawning CV = 0.1 and the area equals 1. The incubation WUA would equal  $A_{C2} \times CV = 0.1 \times 1 = 0.1$ . The spawning WUA would equal  $A_{C2}CV_{C2} = (10) (0.1) = 1$ . The lesser of the spawning or incubation WUA would be 0.1, whereas the value obtained with the IFG method was 1.0 using the incubation CV.

#### 4.9.2.2 FRI Model

The FRI effective spawning habitat program was developed to determine the minimum incubation flows required to maintain water over the highest level of eggs located within the gravel and the amount of habitat lost for incubation flows lower than these minima. The depth below the gravel surface at which eggs are likely to be first encountered was established for each species through consultation with the fisheries resource agencies. These depths are:

Chinook salmon	0.5 feet
Pink salmon	0.25 feet
Chum salmon	0.25 feet
Steelhead trout	0.25 feet

The program compares the bed elevation of each watered cell adjusted for the species specific egg depth at a given spawning flow to the water surface elevation (WSEL) of an incubation flow of interest. If the WSEL is greater or equal to the adjusted bed elevation the cell is considered watered and the spawning WUA for that cell is summed. The effective spawning habitat is the summation of the WUA for all watered cells.

The procedural steps for constructing the data input files required for operation of the FRI effective spawning program are as follows:

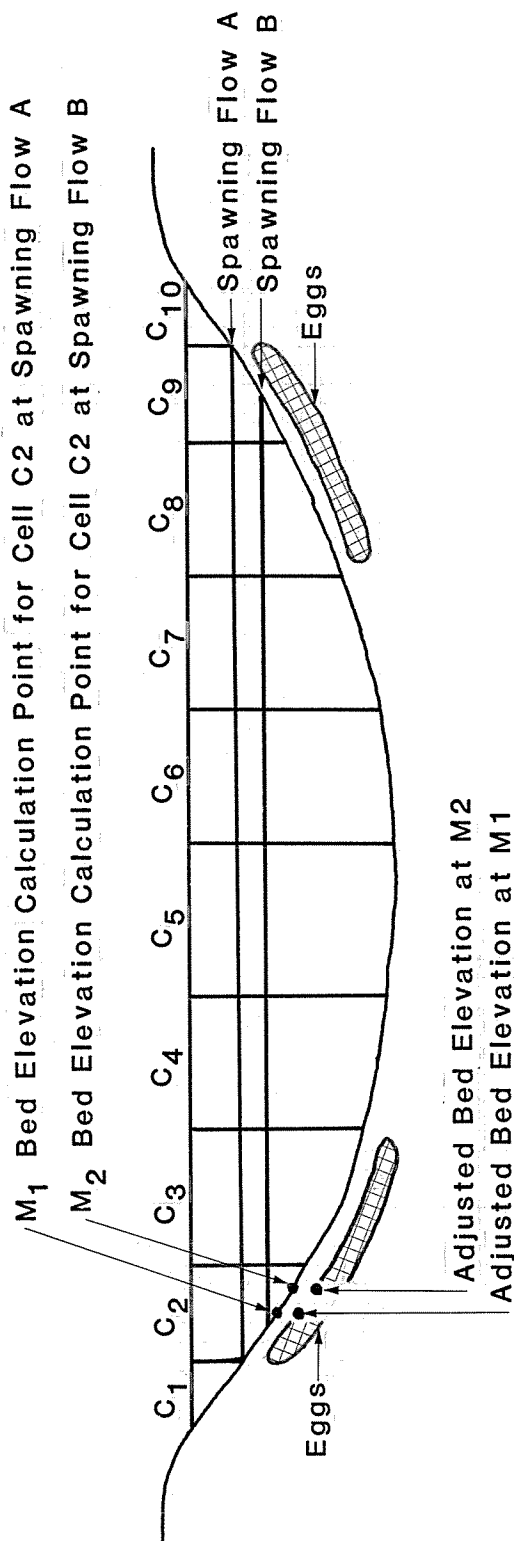
A. Water surface elevation file for incubation flows of interest:

Run the IFG-4 program with IOC option 1=1 and option 8=2 for all spawning

and incubation flows of interest. The output contains the WSEL for each transect and the depth of each watered and partially watered cell. No data are provided for dewatered cells.

B. Bed elevation file for spawning flow of interest:

1. Determine the bed elevation for each cell within a reach by averaging the bed elevations of adjacent verticals. As shown below in step 2, the resultant file of cell bed elevations is accurate only when the cell is fully watered or when in the case of partially watered cells there is no difference in elevation of the two adjacent verticals.
2. A program was written that calculates the bed elevations for each watered cell (either fully or partially) by subtracting the depth from the WSEL by transect for each flow. These values are then substituted for corresponding cell bed elevations calculated in step 1. For fully watered cells the substituted values will be identical to the replaced values. For partially watered cells, the cell bed elevations will change if the elevation of the cell boundaries of that cell are different. This is best demonstrated in Figure 15. The bed elevation is calculated at the midpoint ( $M_1$ ) of the cell  $C_2$  at spawning flow A when the cell is fully watered. At spawning flow B cell  $C_2$  is partially watered and the bed elevation is calculated at the midpoint ( $M_2$ ) of the watered portion of the cell. In this example the elevation at  $M_2$  is less than  $M_1$  of cell  $C_2$ . The net result is a data file containing the bed elevations of all dewatered, partially watered and fully watered cells for each spawning flow of interest. The bed elevations are then adjusted to the species specific egg depths by subtracting the minimum egg



5  
Figure 15. Adjusted and unadjusted bed elevation calculation points (mid-point of watered portion of cell) for spawning flow A,  $M_1$  and spawning flow B,  $M_2$ .

depth values from the bed elevations.

C. WUA file for spawning flows of interest:

Run the IFG HABTAT program with IOC option 8=1 and option 13=1. This produces a Tape 13 which contains the WUA calculated for each individual cell within the reach for all spawning flows.

Ordinarily the incubation flows required by the IFG program would be higher than those required by the FRI model. An exception to this general rule is illustrated in Figure 14 where incubation flow B, the minimum flow required to maintain the maximum effective spawning habitat at the spawning flow based on the FRI program is greater than incubation flow C, the minimum flow required by the IFG program to maintain the maximum effective spawning habitat. This is accentuated on steep sloping channel sides that become watered at higher discharges.

The IFG and FRI effective spawning habitat programs were used in determining the habitat available at various incubation flows for Gorge spawning releases of 1400-7000 cfs (at 100 cfs increments) during the peak spawning month for each evaluation species. For chinook, pink and chum salmon and steelhead trout these months were September, October, and December, respectively. For steelhead trout March and April in addition to the peak spawning month of May were selected. To calculate the effective spawning habitat for the range of Gorge releases, it was necessary to 1) determine the effective spawning habitat at corresponding reach discharges based on tributary inflow, 2) index the reach discharge back to Gorge, 3) extrapolate each reach to the associated river segment on the basis of weighted distribution of spawning activity and 4) sum the weighted percentage of the maximum effective spawning WUA for all segments.

The reach discharge for each Gorge release was calculated by adding to

the Gorge release the tributary inflow at the .90, .50 and .10 exceedance probabilities for the peak spawning month of each species. The 57 Gorge releases (1400-7000 cfs) thus became 171 reach spawning discharges. Some repetition occurred in reach discharge values when for example a lower Gorge release with high tributary inflow and a higher Gorge release with low tributary inflow resulted in the same reach discharge. The net result was that similar incubation flows will be required for different Gorge spawning releases depending on tributary inflow.

#### 4.10 Evaluation of Natural (pre-project) Flows

The output of both effective spawning habitat programs were used to predict the habitat available under natural spawning and incubation flows for each of the evaluation species (pre-project conditions). The natural monthly flows at Newhalem at the .90, .50 and .10 exceedance probabilities were obtained from flow duration curves provided by SCL for the years 1945-1970 (Table 36). In several instances the natural flows at Newhalem were outside the range of the data base (Gorge releases of 1400-7000 cfs). In these instances the minimum or maximum flow from within the data base as required was substituted in the evaluation. In addition the natural flows for specific years selected by SCL in which spawning flows were high and incubation flows low (a worst case situation) were evaluated. The discharges at Newhalem for the selected years are presented in Table 37. For the selected natural flows at Newhalem it was necessary to determine the approximate tributary inflow exceedance probability. This was accomplished by choosing for either the selected spawning or incubation flow at Newhalem the exceedance probability associated with the 1945-1970 Newhalem monthly (Table 36) natural flow that most closely approximated the specific annual flow selected by Seattle City Light.

Table 36. Average natural monthly Skagit River discharge at Newhalem at the .90, .50 and .10 exceedance probabilities for 1945-1970.

Exceedance probability	MONTH											
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.
.90	1,200	1,300	1,300	1,100	1,100	1,300	2,000	4,200	6,900	4,000	2,400	1,600
.50	2,300	2,500	2,600	2,100	2,000	2,000	3,500	9,400	11,100	6,100	3,200	2,200
.10	5,200	5,700	5,700	4,300	4,900	3,300	6,900	16,900	19,200	11,100	4,800	3,600

Table 37. Natural spawning and incubation flows for specific years selected by SCL for evaluation with the IFG and FRI effective spawning habitat models.

Species	Year	Spawning			Incubation			Month	Flow		
		Month	Flow	Month	Flow	Month	Flow				
Chinook	1954	Sept	3,786( $\bar{x}$ ) 5,059(high)	Oct	2,765( $\bar{x}$ )	Jan	2,010( $\bar{x}$ ) 869(low)	Feb	1,575( $\bar{x}$ ) 481(low)	Mar	1,299( $\bar{x}$ ) 880(low)
		Oct	4,854( $\bar{x}$ ) 31,010(high)	Jan	1,659( $\bar{x}$ ) 656(low)	Feb	1,126( $\bar{x}$ ) 597(low)				
Chum	1978	Dec	4,950( $\bar{x}$ ) <sup>1</sup> 6,838( $\bar{x}$ ) 11,450(high)	Jan	1,510( $\bar{x}$ ) 1,210(low)	Feb	1,560( $\bar{x}$ ) 1,125(low)				
		Dec	6,191( $\bar{x}$ ) <sup>2</sup> 8,921( $\bar{x}$ ) <sup>2</sup>	Jan	1,751( $\bar{x}$ ) 875(low)	Feb	2,365( $\bar{x}$ ) 1,275(low)	Mar	2,515( $\bar{x}$ ) 1,700(low)	Apr	5,407( $\bar{x}$ ) 1,350(low)
Steelhead	1948	May	11,245( $\bar{x}$ )	Jun	16,904( $\bar{x}$ ) 9,514(low)	Jul	7,470( $\bar{x}$ ) 4,217(low)	Aug	4,016( $\bar{x}$ ) <sup>3</sup> 3,076(low)		
		May	14,320( $\bar{x}$ )	Jun	8,952( $\bar{x}$ ) 4,941(low)	Jul	4,135( $\bar{x}$ ) 3,127(low)	Aug	3,020( $\bar{x}$ ) <sup>3</sup> 2,510(low)		
	1980	May	14,486( $\bar{x}$ )	Jun	7,939( $\bar{x}$ ) 4,650(low)	Jul	4,973( $\bar{x}$ ) 2,975(low)	Aug	3,068( $\bar{x}$ ) <sup>3</sup> 2,400(low)		

<sup>1</sup>First 16 days of month

<sup>2</sup>First 18 days of month

<sup>3</sup>First 15 days of month

## 5.0 RESULTS

### 5.1 WUA Predictions

#### 5.1.1 Reach Habitat Response Curves

The WUA versus discharge curves and the habitat efficiency curves (WUA as a percent of the total wetted surface area) for each of the nine salmonid species (26 life stages) by reach are presented in Appendix C Figures 1 to 63. Nose velocities were used in the spawning probability-of-use criteria for chinook, pink and chum salmon and steelhead trout. The discharges associated with the peak of the WUA vs. discharge curves for each species/life stage and mainstem reach are shown in Table 38. There was no discernable trend of the peaks shifting to the right (higher discharges) to reflect increases in channel width and increased discharge for the more downstream reaches. In general, higher discharges were required to provide the maximum amount of spawning habitat for the salmon and steelhead species than the smaller trout species. In addition, the peaks associated with life stages other than spawning and adult occurred at noticeably lower discharges.

##### 5.1.1.1 Nose vs. Mean Column Velocities

The spawning habitat response and habitat efficiency curves using nose and mean column based criteria are compared in Appendix D, Figures 1 to 14. The discharges associated with the peak of the habitat response curves (WUA) and habitat efficiency (HE) curves for spawning criteria based on nose and mean column velocities ( $v$ ) are presented in Tables 39 and 40, respectively. The percent change in WUA and habitat efficiency are also included in the respective tables and were calculated by the formula:

$$\text{percent change} = \frac{\text{nose } v \text{ based WUA or HE}}{v \text{ based WUA or HE}} - 1$$

Table 38. Discharge associated with the peak of WUA vs discharge curve for each species/life stage by mainstem Skagit River study reach. The IFG recommended range of extrapolation is from 0.4 to 2.5 times the calibration discharge.

Extrapolation Range	943- 25,715	1,615- 20,905	950- 31,897	993- 20,987	1,096-21,752	1,638-27,110	1,496-24,642
Species/Life Stage	(1)	(2)	(3)	(4)	(5)	(7)	(8)
	Island	Sky Creek	Copper Creek	Indian Barr	Marblemount	Corkindale	Barr Creek
Chinook/spawning	2800	1600*	2600	2000	2000	2400	3400
Chinook/fry	400*	300*	1200	400*	300*	700*	1100*
Pink/spawning	2300	3700	1900	1400	1300	1500*	1600
Chum/spawning	2000	3300	2600	2100	1700	1500*	2300
Steelhead/spawning	2700	1300*	2400	1600	1000*	1400*	2300
Steelhead/fry	300*	300*	500*	200*	300*	700*	3600
Steelhead/juvenile	1100	500*	1700	600*	700*	800*	1200*
Steelhead/adults	1300	500*	1200	700*	1500	1100*	1100*
Coho/spawning	900*	2000	1200	500*	400*	700*	1100*
Coho/fry	200*	200*	200*	200*	300*	800*	700*
Coho/juvenile	300*	300*	300*	200*	300*	700*	6400
Rainbow/spawning	900*	1100*	1500	600*	300*	700*	900*
Rainbow/fry	500*	300*	800*	200*	300*	700*	3300
Rainbow/juvenile	800*	400*	1100	500*	300*	700*	1500
Rainbow/adult	1000	700*	1100	500*	700*	800*	800*
Dolly Varden/spawning	1500	4100	1900	1200	1200	1100*	1500*
Dolly Varden/fry	300*	100*	400*	200*	300*	700*	3000
Dolly Varden/juvenile	300*	100*	400*	200*	300*	700*	900*
Cutthroat/spawning	600*	400*	800*	400*	300*	700*	3700
Cutthroat/fry	100*	200*	100*	200*	300*	700*	3300
Cutthroat/juvenile	1000	800*	1300	400*	400*	700*	5200
Cutthroat/adult	1200	600*	1500	800*	600*	1100*	1000*
Mtn. whitefish/spawning	1200	400*	1200	600*	400*	800*	1100*
Mtn. whitefish/fry	400*	100*	100*	500*	700*	1200*	700*
Mtn. whitefish/juvenile	900*	400*	1000	500*	300*	700*	800*
Mtn. whitefish/adult	2000	1100*	2000	1300	1100	1800	1300*

\*Flows outside acceptable extrapolation of model.

Table 39. Discharge associated with the peaks of the habitat response curves derived from spawning criteria based on mean column and nose velocities and percent change in the WUA at the peaks.

Reach	Chinook			Pink			Chum			Steelhead		
	$\bar{v}$	Nose v	Percent change in WUA	$\bar{v}$	Nose v	Percent change in WUA	$\bar{v}$	Nose v	Percent change in WUA	$\bar{v}$	Nose v	Percent change in WUA
(1) Island	2,200	2,800	8.418	1,900	2,300	0.044	1,800	2,000	7.221	2,100	2,800	1.861
(2) Sky Creek	1,200	1,600	35.570	3,800	3,700	-0.349	3,200	3,300	4.196	900	1,300	0.546
(3) Copper Creek	2,400	2,600	21.188	1,900	1,900	-2.814	2,300	2,600	35.206	2,300	2,400	10.728
(4) Indian Bar	1,400	2,000	24.219	1,100	1,400	5.672	1,200	2,100	15.331	1,400	1,600	-3.602
(5) Marblemount	1,500	2,000	20.010	1,200	1,300	12.941	1,300	1,700	20.674	900	1,000	0.549
(6) Marblemount Slough							25	30	-2.374			
(7) Corkindale	1,900	2,400	10.357	1,100	1,500	-2.135	1,300	1,500	10.922	1,300	1,400	-3.436
(8) Barr Creek	2,800	3,400	27.258	1,600	1,600	8.768	2,200	2,300	19.297	1,900	2,300	4.387

Table 40. Discharge associated with the peaks of the habitat efficiency curves resulting from spawning criteria based on mean column and nose velocities, and percent change in habitat efficiency (HE) at the peaks.

Reach	Chinook			Pink			Chum			Steelhead		
	$\bar{v}$	Nose v	Percent change in HE	$\bar{v}$	Nose v	Percent change in HE	$\bar{v}$	Nose v	Percent change in HE	$\bar{v}$	Nose v	Percent change in HE
(1) Island	2,100	2,800	4.883	1,800	2,200	-3.226	1,300	1,400	1.404	2,000	2,700	-2.362
(2) Sky Creek	1,100	1,600	29.249	3,800	3,700	-0.914	3,200	3,200	4.281	800	1,000	-2.454
(3) Copper Creek	2,200	2,600	28.541	1,900	1,900	-2.795	2,200	2,600	32.110	2,200	2,200	9.963
(4) Indian Bar	1,400	1,900	13.650	1,000	1,300	1.551	1,000	1,200	7.659	1,300	1,400	-6.319
(5) Marblemount	1,400	1,900	12.349	700	1,300	7.013	1,200	1,600	15.392	900	1,000	-1.405
(6) Marblemount Slough							25	25	-3.014			
(7) Corkindale	1,900	2,300	7.309	1,000	1,000	-4.588	1,100	1,300	8.505	1,300	1,300	-4.059
(8) Barr Creek	2,300	2,700	23.077	1,500	1,600	7.931	2,000	2,300	17.364	1,800	1,800	2.320

The differences in predicted habitat using the two criteria were reach and species specific. The changes are a result of the range of depths, velocities and substrate available at a reach relative to the probability-of-use criteria of each species. Mean column and nose velocities are equal at a depth of approximately 1.3 feet. At greater depths particularly over three feet, the velocity stratification within the water column becomes more pronounced with nose velocities at a nose depth of 0.5 ft significantly less than mean column velocities. For a species that is limited less by depth than velocity, more WUA will be predicted at greater depths the latter usually associated with higher flow.

The peaks of the habitat response and habitat efficiency curves generally shifted to the right (higher discharges) with nose velocity criteria for all species (Tables 39 and 40). In addition, the percent change in WUA and habitat efficiency was greater using nose velocity based criteria with chinook and chum salmon across all reaches. Both increases and decreases were noted for pink salmon and steelhead trout. These results reflect the relationship between the probability-of-use criteria of these species and the channel geometry and hydraulic characteristics of each reach.

The habitat response curves developed for chum salmon spawning in Marblemount Slough were evaluated separately from the mainstem reaches. The effective spawning habitat programs were not applied to the slough due to its complex hydraulic features. The minimum flow required for incubation was determined from field observations of the slough on October 1, 1983. On this date the discharge at Marblemount gage was 4600 cfs and a steady flow entered the head of the slough. The gravel surface of portions of the study reach were dewatered, however, the principal spawning areas were watered. The required Gorge releases for incubation independent of spawning flows were

established by subtracting the tributary inflow for each incubation month at each of three exceedance probabilities from the mainstem discharge at Marblemount observed on October 1 (4600 cfs). The results are shown in Table 41.

#### 5.1.1.2 Predicted versus Utilized Habitat

The spawning WUA predicted for three of the evaluation species, chinook and pink salmon and steelhead trout were compared to utilization data in each of the study reaches. Accurate utilization data were unavailable for chum salmon. The WUA of each of several spawning flows was summed for all reaches and a percent distribution determined by reach. These percentages were regressed against the percent utilization data for corresponding reaches to ascertain whether or not a significant correlation existed. The percent WUA and utilization by reach and correlation coefficients are presented in Tables 42, 43 and 44 for chinook, chum and steelhead, respectively. Based on a t-statistic a significant correlation existed at the .01 level for WUA predicted for steelhead at a Gorge release of 4,000 cfs during May at median tributary inflow conditions. Gorge releases of 5,000 and 6,000 cfs for similar conditions were significant at the 0.1 level. For the other species and flows evaluated positive relationships existed between predicted and utilized habitat but none was significant at the 0.1 level.

The relationship between predicted WUA by cell within each reach and the utilization for corresponding cells may have yielded valuable insights in terms of verification of the methods employed in this study, however time did not permit this undertaking. For future reference the WUA for each reach by cell and species has been stored on tape. The utilization (i.e., redds or spawned areas) has been indicated on plan views of each reach by species. The distribution of chinook salmon redds in each study reach was plotted from

Table 41. Estimated minimum Gorge releases required to provide adequate incubation flow to Marblemount Slough based on field observations on October 1, 1983.

Tributary Inflow Exceedance	Gorge Release (cfs)				
	Jan	Feb	Mar	Apr	May
.90	4000	3900	3700	3500	3000
.50	3200	3300	3400	3200	2200
.10	2400	2400	2800	2600	1100

Table 42. Comparison of utilization of study reaches by chinook salmon as determined from aerial photographs of chinook salmon redds taken on September 21, 1976 and October 6, 1980 and predicted spawning WUA for Gorge releases of 2,000 and 3,000 cfs.

Reach	Redd count	Percent of total	Gorge Releases (cfs)			
			2000		3000	
			WUA	Percent of total	WUA	Percent of total
(1) Island	78	9.8	91,235	6.6	93,844	8.1
(2) Sky Creek	18	2.3	36,780	2.7	29,842	2.6
(3) Copper Creek	99	12.5	175,813	12.8	159,974	13.8
(4) Indian Bar	112	14.1	121,914	8.9	103,555	8.9
(5) Marblemount	304	38.2	313,400	22.8	274,966	23.6
(7) Corkindale	53	6.7	332,960	24.3	250,373	21.5
(8) Barr Creek	131	16.5	300,648	21.9	250,788	21.6
Total	795	100.1	1,372,750	100.0	1,163,342	100.1
Correlation coefficient (r)				0.53*	0.63*	

\*Not significant

Table 43. Comparison of percent utilization of study reaches by pink salmon as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, respectively and predicted spawning WUA for Gorge releases of 2,000 and 3,000 cfs.

Reach	Gorge Releases (cfs)					
	2000			3000		
	Area spawned	Percent of total	WUA	Percent of total	WUA	Percent of total
(1) Island	336.0	18.2	87,367	11.1	51,392	7.6
(2) Sky Creek	40.0	2.2	13,919	1.8	16,890	2.5
(3) Copper Creek	267.2	14.5	122,917	15.6	72,596	10.8
(4) Indian Bar	420.8	22.8	85,470	10.8	80,938	12.0
(5) Marblemount	683.2	37.0	189,351	24.0	198,457	29.5
(6) Corkindale	25.6	1.4	143,657	18.2	111,954	16.6
(7) Barr Creek	71.2	3.9	146,225	18.5	140,574	20.9
Total	1,844.0	100.0	788,986	100.0	672,801	99.9

Correlation coefficient (r)

0.42\*

0.49\*

\*Not significant

Table 44. Comparison of percent utilization of study reaches by steelhead trout as determined from redd mapping by FRI during surveys with the Washington Department of Game from 1980 to 1983 and predicted WUA for Gorge releases of 4000, 5000 and 6000 cfs at median tributary inflow.

Reach	Gorge Releases (cfs)								
	4000			5000			6000		
	Redd count	Percent of total	WUA	Percent of total	WUA	Percent of total	WUA	Percent of total	WUA
(1) Island	21	6.7	22,358	4.8	14,872	3.4	12,260	3.1	12,260
(2) Sky Creek	0	0.0	8,874	1.9	8,471	1.9	6,498	1.6	6,498
(3) Copper Creek	41	13.0	21,288	4.6	11,001	2.5	9,594	2.4	9,594
(4) Indian Bar	21	6.7	99,097	21.4	120,064	27.1	110,790	28.0	110,790
(5) Marblemount	125	39.7	171,886	37.1	170,604	38.5	133,458	33.7	133,458
(7) Corkindale	32	10.2	62,580	13.5	54,197	12.2	54,122	13.7	54,122
(8) Barr Creek	75	23.8	77,218	16.7	64,126	14.5	69,555	17.6	69,555
Total	315	100.1	463,301	100.0	443,335	100.1	396,277	100.1	396,277
Correlation coefficient (r)				0.82 <sup>1</sup>		0.72 <sup>2</sup>		0.68 <sup>2</sup>	

<sup>1</sup>Significant at the .01 level.

<sup>2</sup>Significant at the .1 level.

aerial photographs taken on September 21, 1976 and October 6, 1980 (Appendix E, Figures 1 to 7). The distribution of pink salmon redds in each study reach was determined from helicopter surveys, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983 and are presented in Appendix E, Figures 8 to 14. Steelhead trout redd distribution for each study reach was determined from helicopter surveys conducted from 1980 to 1983 and is presented in Appendix E, Figures 15 to 20. The figures in Appendix E also show the location of reach transects in relation to the observed redd locations.

#### 5.1.2 River Habitat Response Curves

The river habitat response values for spawning WUA expressed as a percent of the maximum for monthly Gorge releases of 0 to 7,400 cfs are presented for the evaluation species using nose and mean column velocities (Appendix F, Table 1).

The Gorge releases providing the maximum spawning habitat for each evaluation species based on the reach extrapolation procedure at monthly tributary inflow exceedance probabilities of .90, .50 and .10 are presented in Tables 45. The Gorge releases for chinook were the greatest followed by pink and chum salmon. The releases for steelhead were the least, often times "0". The "0" Gorge release was the lowest Gorge release evaluated, although a "negative" discharge from Gorge may have provided a greater amount of habitat downstream. Tributary inflow in these cases provide sufficient discharge at the reaches to maximize the habitat. For example, the median tributary inflow to Reach 7, Corkindale, during the month of May is 4,200 cfs while the reach discharge associated with the peak of the steelhead spawning habitat vs. discharge curve is 1,400. Therefore in order to provide the maximum habitat at 1,400 cfs, a release of "-2,800" is required at Gorge.

Table 45. Gorge releases providing maximum spawning habitat for each evaluation species based on the reach extrapolation procedure at monthly tributary inflow exceedance probabilities of .90, .50 and .10. Mean column or nose velocities were used in spawning suitability criteria.

Species	Trib. Exc.	Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Chinook	.90	-	-	-	-	-	-	-	900	900	1,400	-	-
	.50	-	-	-	-	-	-	-	400	500	700	-	-
	.10	-	-	-	-	-	-	-	0	100	0	-	-
Chinook-N	.90	-	-	-	-	-	-	-	1,900	2,100	2,200	-	-
	.50	-	-	-	-	-	-	-	1,100	1,500	1,500	-	-
	.10	-	-	-	-	-	-	-	300	700	200	-	-
Pink	.90	-	-	-	-	-	-	-	-	1,500	1,600	-	-
	.50	-	-	-	-	-	-	-	-	1,300	1,400	-	-
	.10	-	-	-	-	-	-	-	-	1,100	900	-	-
Pink-N	.90	-	-	-	-	-	-	-	-	1,500	1,600	-	-
	.50	-	-	-	-	-	-	-	-	1,300	1,400	-	-
	.10	-	-	-	-	-	-	-	-	1,100	800	-	-
Chum	.90	-	-	-	-	-	-	-	-	-	-	900	600
	.50	-	-	-	-	-	-	-	-	-	-	0	0
	.10	-	-	-	-	-	-	-	-	-	-	0	0
Chum-N	.90	-	-	-	-	-	-	-	-	-	-	1,200	900
	.50	-	-	-	-	-	-	-	-	-	-	0	0
	.10	-	-	-	-	-	-	-	-	-	-	0	0
Steelhead	.90	-	400	200	0	0	0	0	-	-	-	-	-
	.50	-	0	0	0	0	600	0	-	-	-	-	-
	.10	-	0	0	0	300	100	0	-	-	-	-	-
Steelhead-N	.90	-	600	300	0	0	0	0	-	-	-	-	-
	.50	-	0	0	0	0	200	0	-	-	-	-	-
	.10	-	0	0	0	100	0	0	-	-	-	-	-

In general, higher Gorge releases were required to provide the maximum amount of spawning habitat for each species with the procedure selected. This procedure which applies a segment species weighting factor to WUA as a percent of the maximum WUA for each reach reduced the weight given the downstream reaches compared to the weight given these reaches by another method. As indicated in the above example with Corkindale a downstream reach can have a significant effect on the Gorge release required to provide the maximum amount of habitat when all reaches are considered.

## 5.2 Effective Spawning Habitat Models

The effective spawning habitat available during incubation months at tributary inflow exceedance probabilities of .10, .50 and .90 was determined for Gorge releases of zero to the maximum release required to provide 100% of the maximum effective spawning habitat for Gorge releases during the peak spawning month of each species of 1400-7000 cfs at the same exceedance probabilities. The required Gorge release in an incubation month could exceed the original Gorge release at spawning to maintain 100% of the effective spawning habitat due to monthly variations in tributary inflow. For example, the reach discharge for chum salmon spawning at the most downstream reach, Barr Creek, during December at a .10 exceedance probability for tributary inflow and a Gorge release of 7000 cfs would be 13,800 cfs. In the following incubation month, January, the tributary inflow at the .90 exceedance probability combined with a Gorge release of 7000 cfs is only 8100 cfs and would not necessarily provide the maximum effective spawning habitat. A Gorge release greater than 7000 cfs may be required.

The output from the two effective spawning habitat models (IFG and FRI) and reach extrapolation procedure contained in excess of three million habitat values. A complete listing of the values are available upon request from

Seattle City Light. The two effective spawning habitat models each were used to provide Gorge releases required to yield a range of percentages (100.0, 99.99, 99.95, 99.9, 99.75, 99.5, 99.25, 99.0, 97.5, 95.0, 92.5 and 90.0) of the maximum effective spawning habitat for each spawning discharge of interest by incubation month. This output for the salmon species is listed for the IFG program in Appendix G, Tables 1-3. A comparable listing for the FRI program is presented in Appendix H, Tables 1-3. The output for steelhead is listed for the IFG program in Appendix I, Table 1 and for the FRI program Appendix J Table 1.

The general patterns of incubation flows required to maintain 100% of the maximum effective spawning habitat for spawning releases of 1500 to 7000 cfs at 500 cfs increments are displayed in 3-dimensional plots for each species and effective spawning habitat model (Figures 16 to 23). These plots are independent of reach extrapolation procedures since both originally used produced the same required incubation releases to maintain 100% of the habitat.

For all plots a uniform pattern of peaks is evident. Each of these peaks represents a condition when required incubation flows for a given spawning flow was the greatest, i.e., high tributary inflow at the spawning flow and a low tributary inflow for the incubation flows. Incubation flows required to provide the maximum effective spawning habitat increased with increasing spawning discharges.

Trends across incubation months reflect tributary inflow patterns. For chinook salmon incubation flow requirements are high during October, decrease during November and December as tributary inflows increase, high again with low tributary inflow in January and then decrease through April as tributary inflow increases. The incubation months for pink salmon are similar to those

# Chinook Salmon IFG Effective Spawning Habitat Model

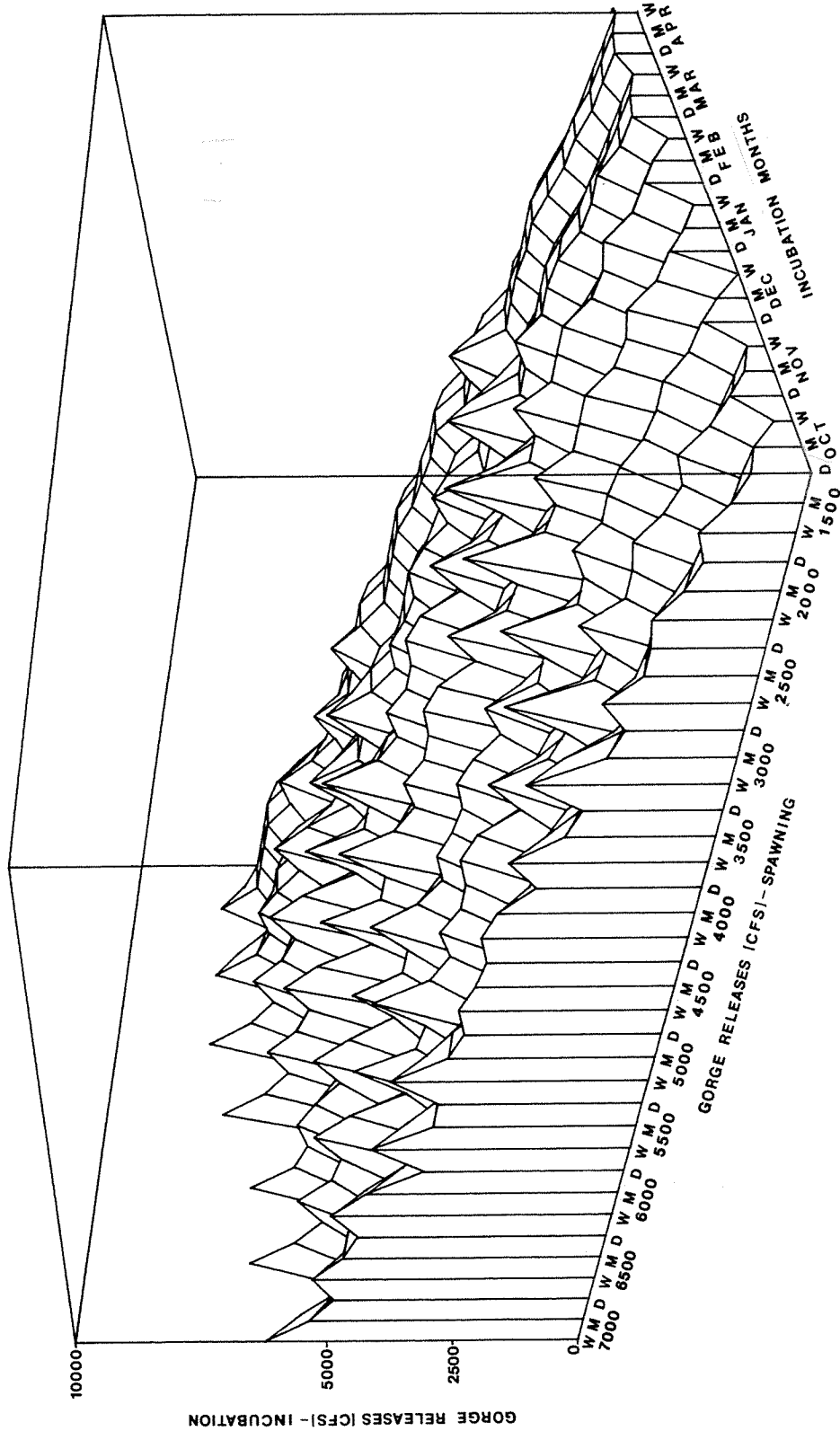


Figure 16. Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (September) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for chinook using the IFG effective spawning habitat model.

# Chinook Salmon FRI Effective Spawning Habitat Model

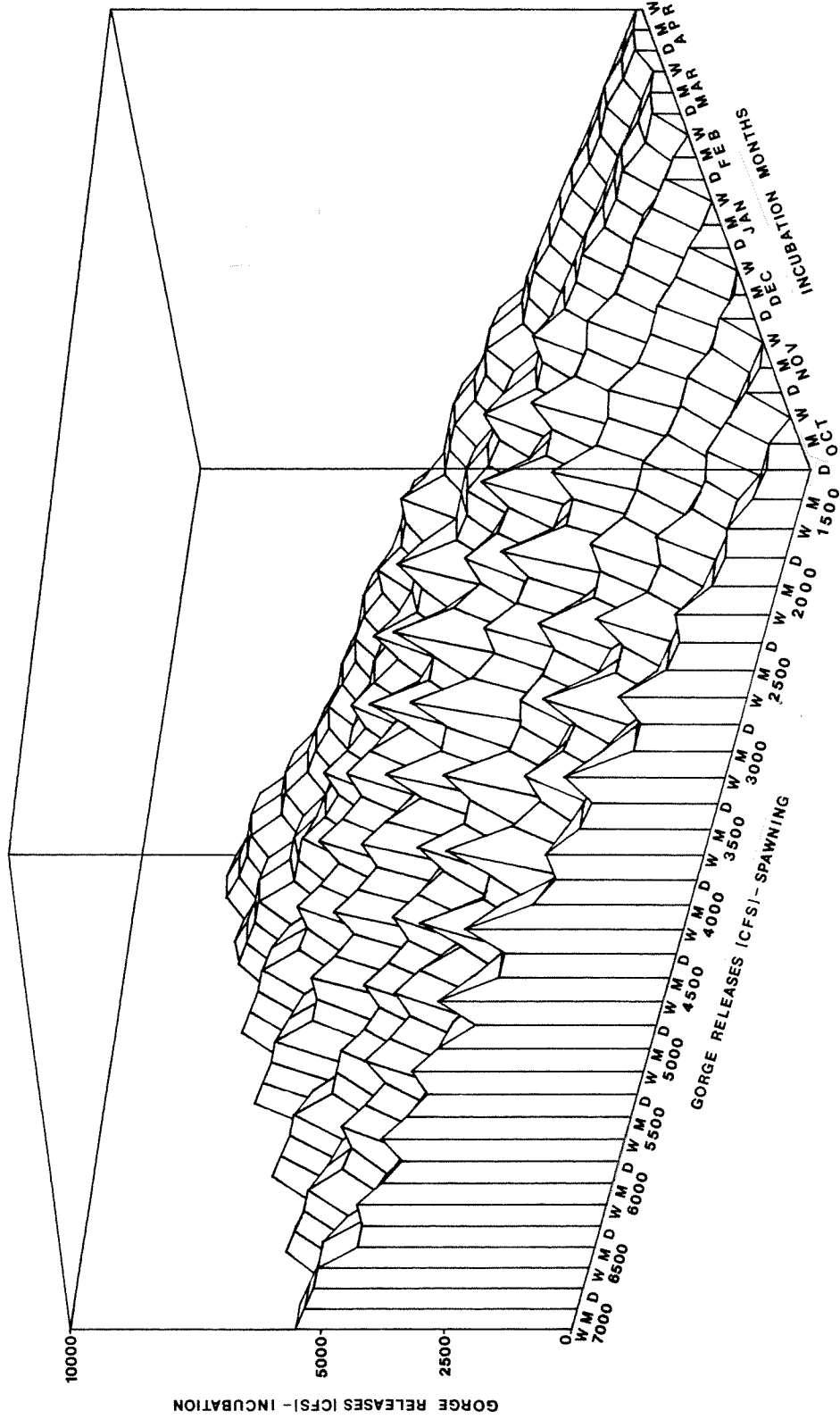


Figure 17. Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge releases (1500-7000 cfs) during the peak spawning month (September) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for chinook using the FRI effective spawning habitat model.

# Pink Salmon IFG Effective Spawning Habitat Model

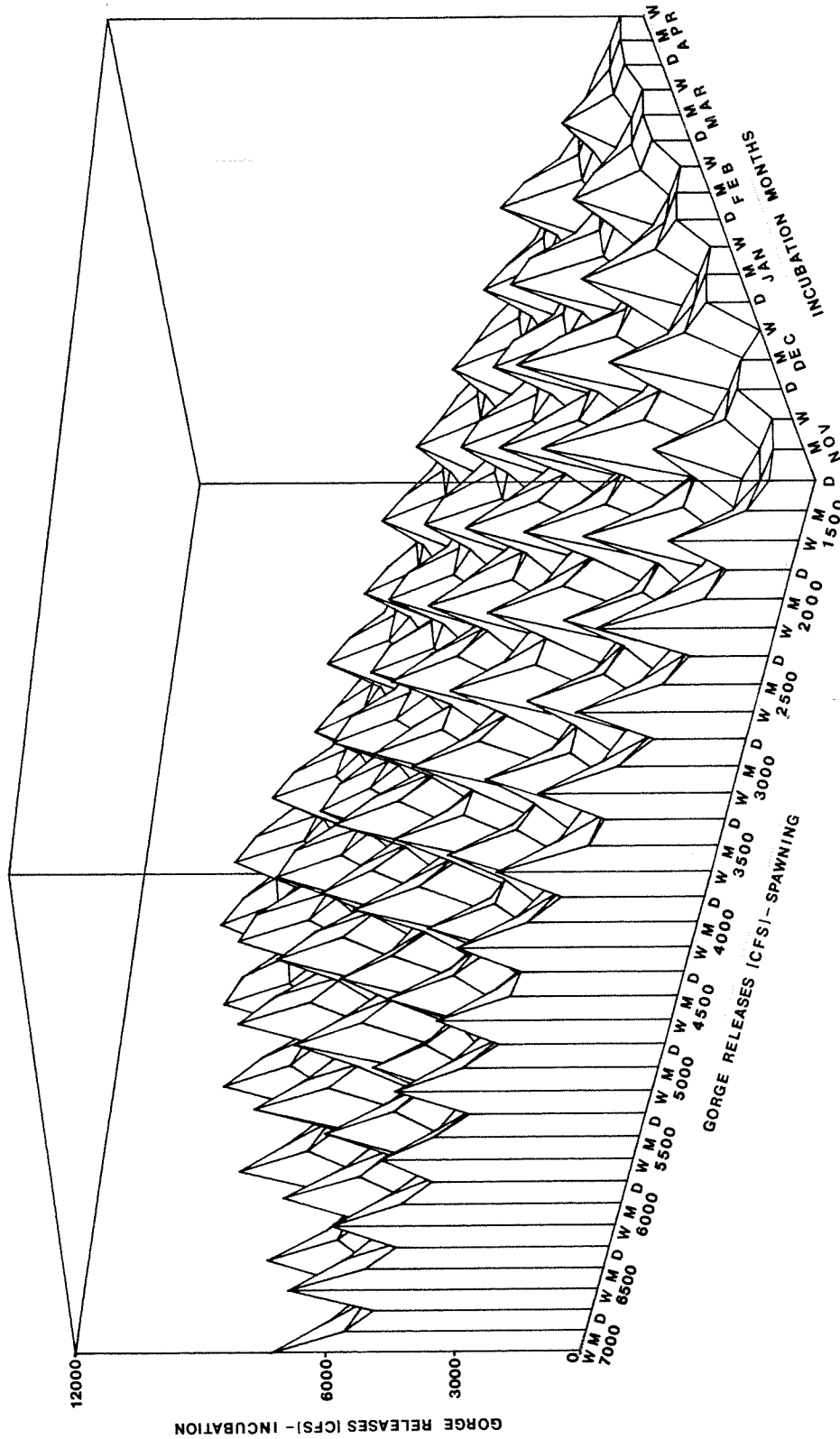


Figure 18. Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge release (1500-7000 cfs) during the peak spawning month (October) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for pink using the IFG effective spawning habitat model.

# Pink Salmon FRI Effective Spawning Habitat Model

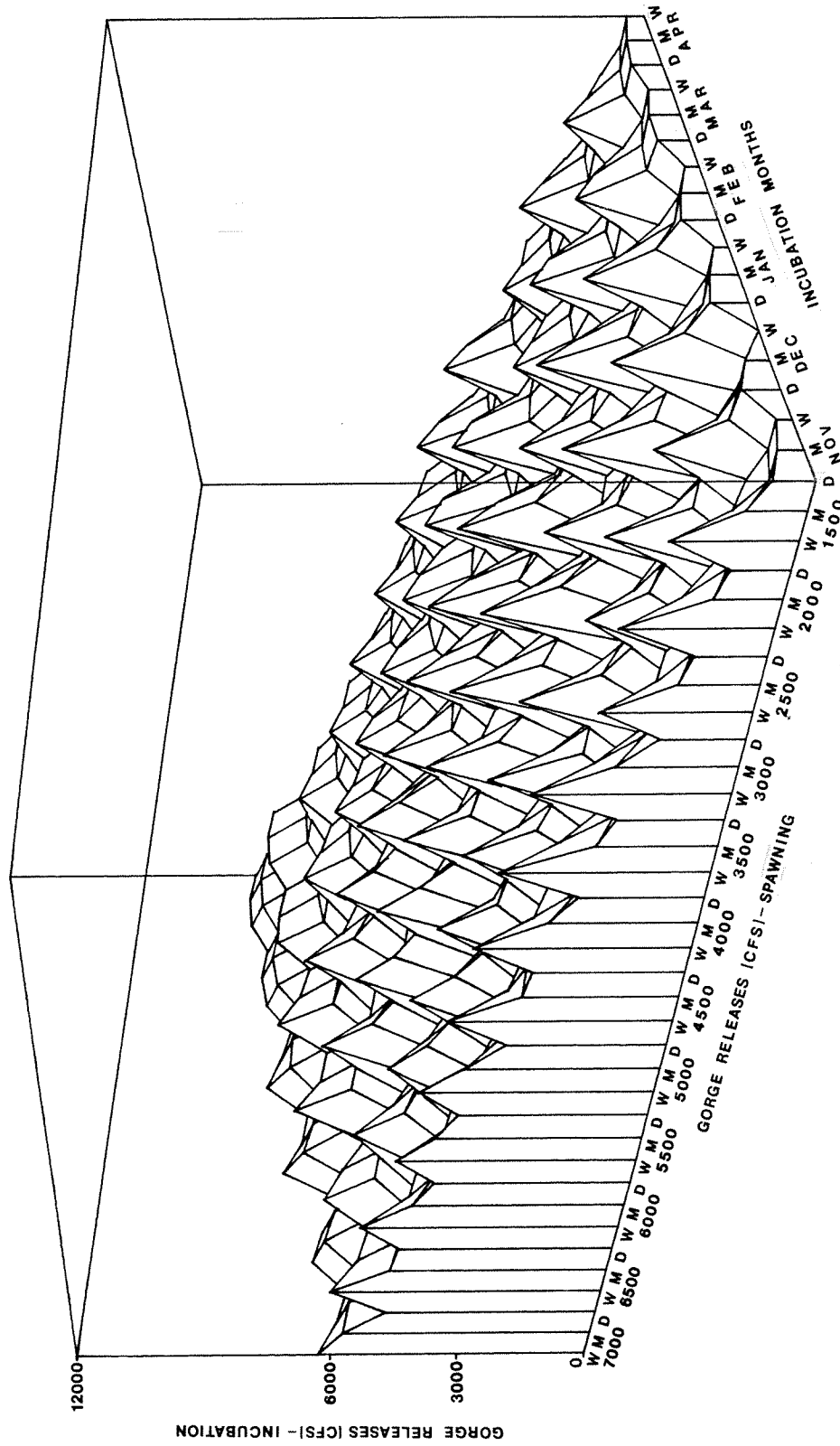


Figure 19. Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge releases (1500-7000 cfs) during the peak spawning month (October) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for pink using the FRI effective spawning habitat model.

# Chum Salmon IFG Effective Spawning Habitat Model

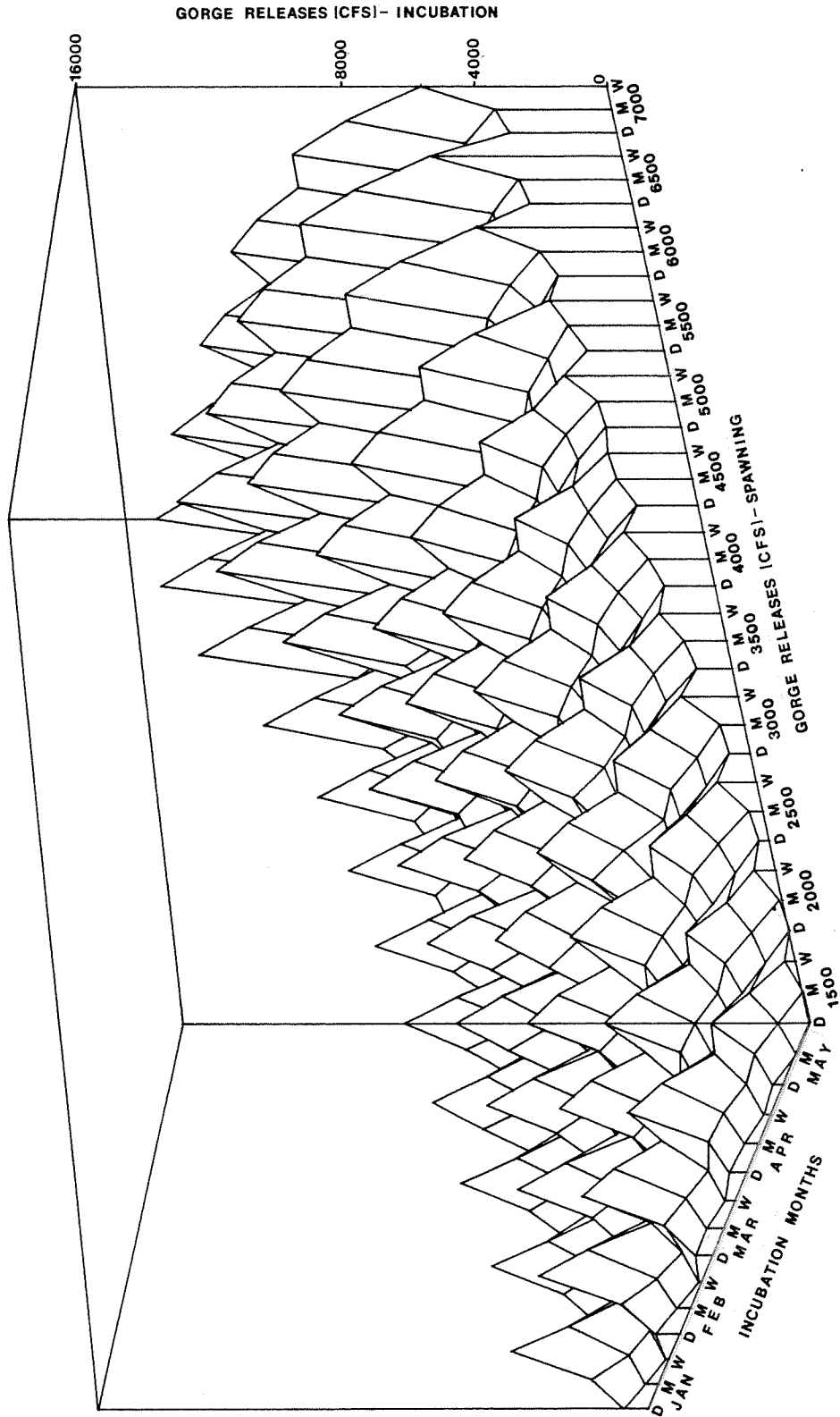


Figure 20. Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge releases (1500-7000 cfs) during the peak spawning month (December) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for chum using the IFG effective spawning habitat model.

# Chum Salmon FRI Effective Spawning Habitat Model

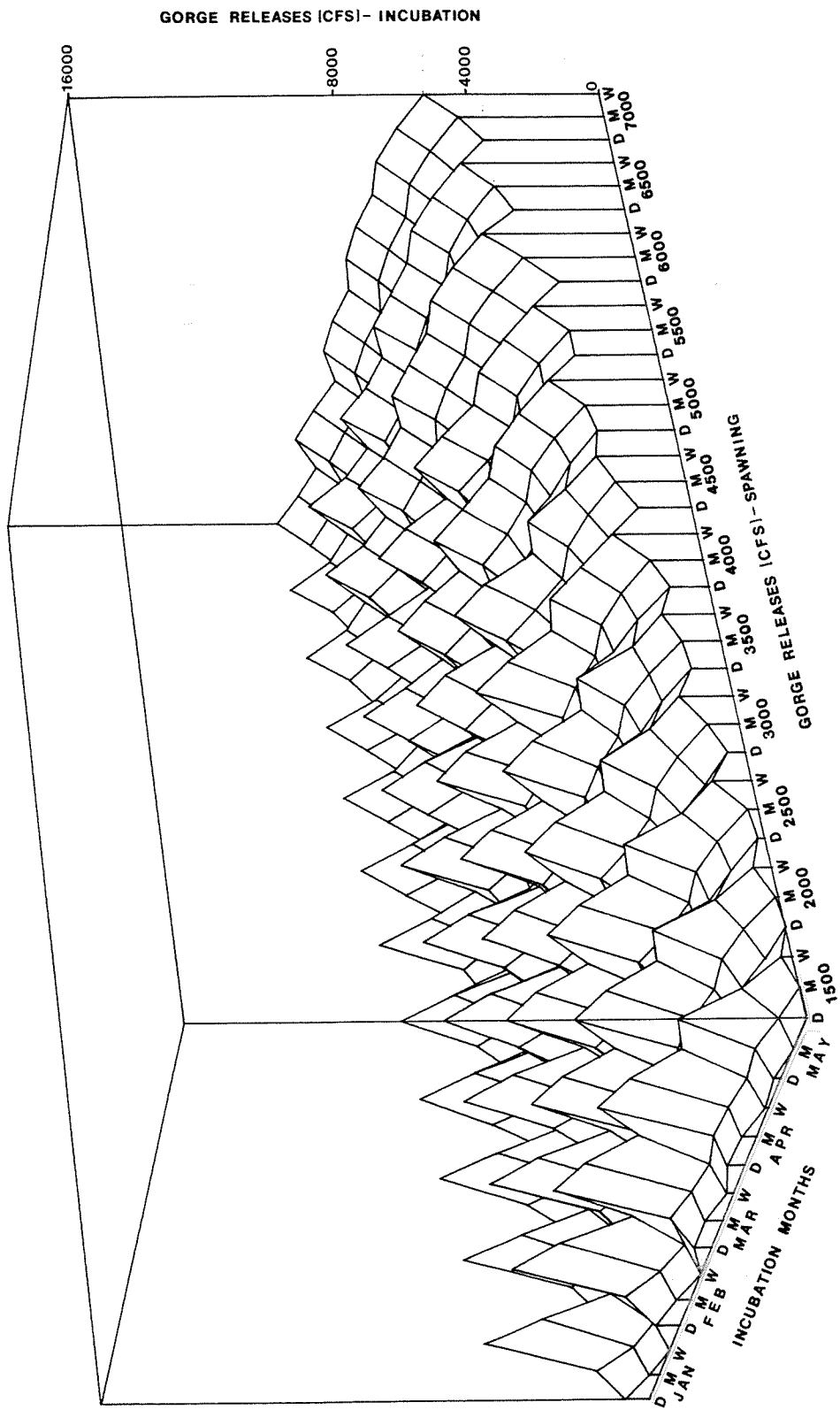


Figure .21. Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge releases (1500-7000 cfs) during the peak spawning month (December) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for chum using the FRI effective spawning habitat model.

# Steelhead Trout IFG Effective Spawning Habitat Model

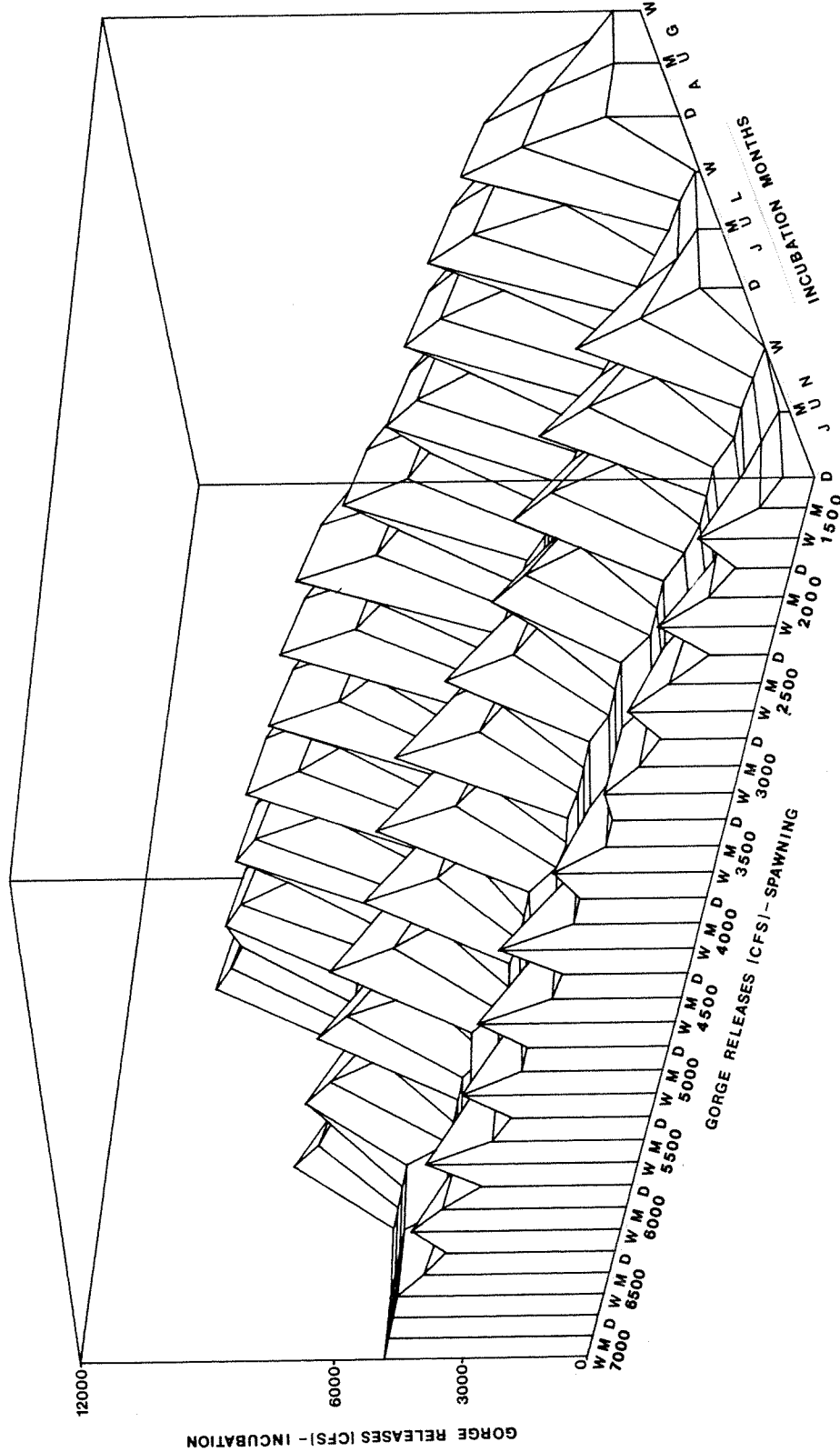


Figure 22. Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge releases (1500-7000 cfs) during the peak spawning month (May) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for steelhead using the IFG effective spawning habitat model.

# Steelhead Trout FRI Effective Spawning Habitat Model

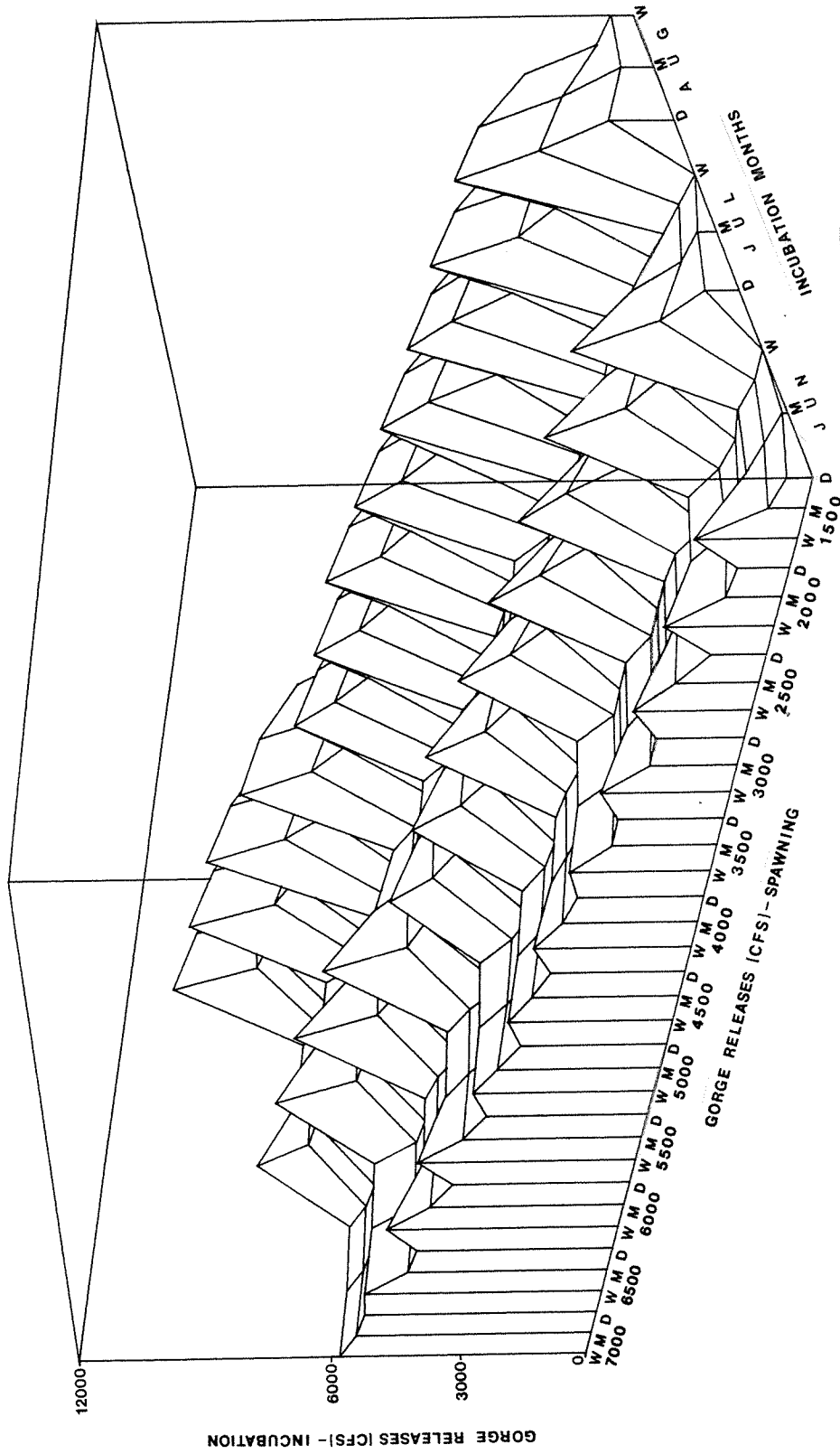


Figure 23. Gorge releases required to maintain 100 percent of the maximum effective spawning habitat during indicated incubation months at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for Gorge releases (1500-7000 cfs) during the peak spawning month (May) at the .90(D), .50(M), and .10(W) tributary inflow exceedance probabilities for steelhead using the FRI effective spawning habitat model.

of chinook and consequently so is the pattern of incubation flow requirements. Chum salmon incubate on an ascending tributary inflow regime (January-May) and incubation flow requirements decline in a corresponding fashion. Conversely, steelhead trout incubate on a descending tributary inflow regime and consequently the incubation flow requirements increase from June to August.

A direct comparison of the results of the effective spawning habitat programs indicate that for all species the FRI program generally required lower Gorge releases to maintain 100% of the maximum effective spawning habitat as defined by each program for spawning releases in the low to mid-range. The results were variable with the IFG program at high spawning releases. In many instances lower Gorge releases were required to maintain the maximum effective spawning habitat with the IFG program. These instances resulted from the problem the IFG program has with partially watered cells at the river margins when there is a significant difference in the elevations of the cell boundaries. However, for percentages of the maximum effective spawning habitat less than 100% where the habitat in the marginal cell is lost there is less of a problem with the IFG program. The percentages at which this occurs depends on the species but generally is in the range of 99.5 to 99.9%. At these percentages the required flows for incubation are consistently lower for the FRI program.

### 5.3 Evaluation of Natural Flows

The natural flows at Newhalem at exceedance probabilities of .10, .50 and .90 were used to determine the amount of effective spawning habitat available for spawning and incubation flows at the various combinations of exceedance probabilities for each. The natural flow corresponding to the peak spawning month of each species was used for the salmon species. The protracted nature of steelhead spawning required that two additional months, March and April, be

evaluated with the peak spawning month, May. The data base representing the results of IFG and FRI effective spawning models were used in the analysis. The exceedance probability for the flows at Newhalem was assumed to represent the tributary inflow conditions below Newhalem in these analyses.

The analysis of natural flows for chinook salmon indicated that a minimum of 95% of the maximum spawning habitat was maintained in all incubation months and tributary inflow conditions with the IFG effective spawning habitat program. Using the FRI effective spawning habitat program a minimum of 98% of the habitat was maintained. The results for chinook salmon are summarized in Tables 46 and 47.

The percentages of the maximum effective spawning WUA for natural flow with pink and chum salmon were at least 94.0% for spawning flows at the .90 and .50 exceedance probabilities and incubation flows at the .90, .50 and .10 exceedance probabilities. However, at a high spawning flow (.10 exc.) and low incubation flow (.90 exc.) the percent of effective spawning habitat dropped as low as 39% and 32% for pink and chum salmon depending on the incubation month, and effective spawning habitat program and reach extrapolation procedure used. The results for pink salmon are summarized in Tables 48 and 49 and chum salmon in Tables 50 and 51.

The natural median and high flows (.50 and .10 exc) at Newhalem during May, the peak spawning month for steelhead, was greater than the maximum Gorge release in the effective spawning habitat data base. The maximum flow 7000 cfs at a high tributary (.10 exc) was substituted to approximate these flow conditions. The percentage of effective spawning habitat for the median and high spawning flows during July dropped to 80% at low flows and a minimum of 44% and 69% during August at low and median flows, respectively for both effective spawning models (Tables 52 and 53).

Table 46. The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the IFG effective spawning program for chinook salmon.

Spawning		Incubation																							
Q	Sep Exc.	Exc.	Oct		Nov		Dec		Jan		Feb		Mar		Apr										
			Q	%	Q	%	Q	%	Q	%	Q	%	Q	%	Q	%									
1600	.90	.90	1200	100.0	1300	100.0	1300	100.0	1100	100.0	1100	100.0	1300	100.0	2000	100.0	2000	100.0							
		.50	2300	100.0	2500	100.0	2600	100.0	2100	100.0	2000	100.0	2000	100.0	3500	100.0	3500	100.0							
		.10	5200	100.0	5700	100.0	5700	100.0	4300	100.0	4900	100.0	3300	100.0	6900	100.0	6900	100.0							
2200	.50	.90	1200	99.9	1300	100.0	1300	100.0	1100	99.7	1100	99.7	1300	100.0	2000	100.0	2000	100.0							
		.50	2300	100.0	2500	100.0	2600	100.0	2100	100.0	2000	100.0	2000	100.0	3500	100.0	3500	100.0							
		.10	5200	100.0	5700	100.0	5700	100.0	4300	100.0	4900	100.0	3300	100.0	6900	100.0	6900	100.0							
3600	.10	.90	1200	95.5	1300	97.1	1300	97.6	1100	95.0	1100	95.2	1300	98.2	2000	99.9	2000	99.9							
		.50	2300	100.0	2500	100.0	2600	100.0	2100	100.0	2000	100.0	2000	99.9	3500	100.0	3500	100.0							
		.10	5200	100.0	5700	100.0	5700	100.0	4300	100.0	4900	100.0	3300	100.0	6900	100.0	6900	100.0							

Table 47. The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the FRI effective spawning program based on egg depth for chinook salmon.

Spawning		Incubation																
Q	Sep Exc.	Exc.	Oct		Nov		Dec		Jan		Feb		Mar		Apr			
			Q	%	Q	%	Q	%	Q	%	Q	%	Q	%	Q	%		
1600	.90	.90	1200	100.0	1300	100.0	1300	100.0	1100	100.0	1100	100.0	1100	100.0	1300	100.0	2000	100.0
		.50	2300	100.0	2500	100.0	2600	100.0	2100	100.0	2000	100.0	2000	100.0	2000	100.0	3500	100.0
		.10	5200	100.0	5700	100.0	5700	100.0	4300	100.0	4900	100.0	4900	100.0	3300	100.0	6900	100.0
2200	.50	.90	1200	100.0	1300	100.0	1300	100.0	1100	100.0	1100	100.0	1100	100.0	1300	100.0	2000	100.0
		.50	2300	100.0	2500	100.0	2600	100.0	2100	100.0	2000	100.0	2000	100.0	2000	100.0	3500	100.0
		.10	5200	100.0	5700	100.0	5700	100.0	4300	100.0	4900	100.0	4900	100.0	3300	100.0	6400	100.0
3600	.10	.90	1200	99.1	1300	99.7	1300	99.7	1100	98.5	1100	98.6	1100	99.8	1300	99.8	2000	100.0
		.50	2300	100.0	2500	100.0	2600	100.0	2100	100.0	2000	100.0	2000	100.0	2000	100.0	3500	100.0
		.10	5200	100.0	5700	100.0	5700	100.0	4300	100.0	4900	100.0	4900	100.0	3300	100.0	6900	100.0

Table 48. The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the IFG effective spawning program for pink salmon.

Spawning		Incubation												
Q	Exc.	Exc.	Q	%	Q	%	Q	%	Q	%	Q	%	Q	%
		Oct	Nov	Dec	Jan	Feb	Mar	Apr						
1200 <sup>1</sup>	.90	.90	1300	100.0	1300	100.0	1100	100.0	1300	100.0	2000	100.0	2000	100.0
		.50	2500	100.0	2600	100.0	2100	100.0	2000	100.0	2000	100.0	3500	100.0
		.10	5700	100.0	5700	100.0	4300	100.0	4900	100.0	3300	100.0	6900	100.0
2300	.50	.90	1300	97.3	1300	97.4	1100	94.5	1100	94.7	1300	98.9	2000	100.0
		.50	2500	100.0	2600	100.0	2100	100.0	2000	100.0	2000	100.0	3500	100.0
		.10	5700	100.0	5700	100.0	4300	100.0	4900	100.0	3300	100.0	6900	100.0
5200	.10	.90	1300	49.2	1300	50.2	1100	42.8	1100	43.4	1300	53.7	2000	75.4
		.50	2500	86.7	2600	88.9	2100	81.8	2000	78.4	2000	77.2	3500	98.1
		.10	5700	100.0	5700	100.0	4300	100.0	4900	100.0	3300	98.3	6900	100.0

<sup>1</sup>The minimum spawning flow available in the data base (1400 cfs) was used.

Table 49. The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the FRI effective spawning program based on egg depth for pink salmon.

Spawning		Incubation													
Q	Exc.	Oct		Nov		Dec		Jan		Feb		Mar		Apr	
		Q	Exc.	Q	%	Q	%	Q	%	Q	%	Q	%	Q	%
1200 <sup>1</sup>	.90	1300	100.0	1300	100.0	1100	100.0	1100	100.0	1100	100.0	1300	100.0	2000	100.0
	.50	2500	100.0	2600	100.0	2100	100.0	2100	100.0	2000	100.0	2000	100.0	3500	100.0
	.10	5700	100.0	5700	100.0	4300	100.0	4300	100.0	4900	100.0	3300	100.0	6900	100.0
2300	.90	1300	99.2	1300	99.2	1100	95.9	1100	95.9	1100	96.0	1300	99.6	2000	100.0
	.50	2500	100.0	2600	100.0	2100	100.0	2100	100.0	2000	100.0	2000	100.0	3500	100.0
	.10	5700	100.0	5700	100.0	4300	100.0	4300	100.0	4900	100.0	3300	100.0	6900	100.0
5200	.90	1300	55.8	1300	56.5	1100	43.8	1100	43.8	1100	46.3	1300	61.9	2000	81.2
	.50	2500	88.0	2600	88.3	2100	85.4	2000	83.8	2000	83.8	2000	82.1	3500	99.6
	.10	5700	100.0	5700	100.0	4300	100.0	4300	100.0	4900	100.0	3300	100.0	6900	100.0

<sup>1</sup>The minimum spawning flow available in the data base (1400 cfs) was used.

Table 50. The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the IFG effective spawning program for chum salmon.

Spawning		Incubation											
Q	Dec Exc.	Exc.	Jan		Feb		Mar		Apr		May		
			Q	%	Q	%	Q	%	Q	%	Q	%	
1300 <sup>1</sup>	.90	.90	1100	100.0	1100	100.0	1300	100.0	2000	100.0	4200	100.0	
		.50	2100	100.0	2000	100.0	2000	100.0	3500	100.0	9400	100.0	
		.10	4300	100.0	4900	100.0	3300	100.0	6900	100.0	16900	100.0	
2600	.50	.90	1100	94.8	1100	94.9	1300	98.8	2000	100.0	4200	100.0	
		.50	2100	100.0	2000	100.0	2000	100.0	3500	100.0	9400	100.0	
		.10	4300	100.0	4900	100.0	3300	100.0	6900	100.0	16900	100.0	
5700	.10	.90	1100	34.3	1100	34.9	1300	44.8	2000	76.5	4200	97.5	
		.50	2100	84.4	2000	83.6	2000	81.7	3500	93.6	9400	100.0	
		.10	4300	99.1	4900	99.5	3300	94.7	6900	100.0	16900	100.0	

<sup>1</sup>The minimum spawning flow available in the data base (1400 cfs) was used.

Table 51. The percentage of the maximum effective spawning WDA for natural flows at indicated exceedance probabilities using the FRI effective spawning program based on egg depth for chum salmon.

Spawning		Incubation											
Q	Exc.	Dec		Jan		Feb		Mar		Apr		May	
		Q	Exc.	Q	%	Q	%	Q	%	Q	%	Q	%
1300 <sup>1</sup>	.90	1100	100.0	1100	100.0	1300	100.0	2000	100.0	4200	100.0	4200	100.0
	.50	2100	100.0	2000	100.0	2000	100.0	3500	100.0	9400	100.0	9400	100.0
	.10	4300	100.0	4900	100.0	3300	100.0	6900	100.0	16900	100.0	16900	100.0
2600	.90	1100	94.5	1100	94.6	1300	99.2	2000	100.0	4200	100.0	4200	100.0
	.50	2100	100.0	2000	100.0	2000	100.0	3500	100.0	9400	100.0	9400	100.0
	.10	4300	100.0	4900	100.0	3300	100.0	6900	100.0	16900	100.0	16900	100.0
5700	.90	1100	31.6	1100	32.9	1300	55.3	2000	81.9	4200	96.9	4200	96.9
	.50	2100	86.6	2000	83.0	2000	82.4	3500	92.5	9400	100.0	9400	100.0
	.10	4300	100.0	4900	100.0	3300	93.5	6900	100.0	16900	100.0	16900	100.0

<sup>1</sup>The minimum spawning flow available in the data base (1400 cfs) was used.

Table 52. The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the IFG effective spawning program for steelhead trout.

Spawning			Incubation						
Q	May		Exc.	Jun		Jul		Aug	
	Exc.			Q	%	Q	%	Q	%
4200	.90		.90	6900	100.0	4000	100.0	2400	97.5
			.50	11100	100.0	6100	100.0	3200	99.9
			.10	19200	100.0	11100	100.0	4800	100.0
9400 <sup>1</sup>	.50		.90	6900	100.0	4000	83.9	2400	45.5
			.50	11100	100.0	6100	100.0	3200	74.4
			.10	19200	100.0	11100	100.0	4800	99.9
16900 <sup>1</sup>	.10		.90	Same as 9400 cfs					
			.50						
			.10						

<sup>1</sup>The maximum spawning flow available in the data base (7,000 cfs at .10 tributary inflow) was used.

Table 53. The percentage of the maximum effective spawning WUA for natural flows at indicated exceedance probabilities using the FRI effective spawning program based on egg depth for steelhead trout.

Spawning		Incubation							
Q	May	Exc.	Exc.	Jun		Jul		Aug	
	Exc.			Q	%	Q	%	Q	%
4200	.90		.90	6900	100.0	4000	100.0	2400	98.5
			.50	11100	100.0	6100	100.0	3200	100.0
			.10	19200	100.0	11100	100.0	4800	100.0
9400 <sup>1</sup>	.50		.90	6900	100.0	4000	80.9	2400	44.9
			.50	11100	100.0	6100	100.0	3200	74.0
			.10	19200	100.0	11100	100.0	4800	99.8
16900 <sup>1</sup>	.10		.90	Same as 9400 cfs					
			.50						
			.10						

<sup>1</sup>The maximum spawning flow available in the data base (7,000 cfs at .10 tributary inflow) was used.

The results of analyzing natural flows from selected "worst case" years in which the spawning flows were high and incubation flows were low are quite variable and are presented in Appendix K, Tables 1 to 16. These results indicate that significant losses of habitat can occur under extreme natural flow conditions.

## 6.0 DISCUSSION

### 6.1 WUA Predictions

#### 6.1.1 Reach Habitat-Response Curves

Habitat versus discharge curves were generated for the nine salmonid species known to inhabit the Skagit River. Of these only the spawning curves for the four evaluation species were based on probability-of-use curves derived directly from Skagit River utilization data and are therefore considered the most reliable. The curves for the other species/life stages should be viewed in the context of the source data used in probability-of-use criteria construction. Of particular concern in this study is the use of juvenile and fry criteria without a cover component. The peak of the habitat-response curves for these life stages was often near or at the lowest flow simulated. The habitat model was in essence trying to make a small stream out of a river. Field observations on the Skagit River have indicated that much of the fry and juvenile habitat is associated with cover objects in the form of large substrate, root wads, pools, etc., on the stream margins at "toe width" or greater flows. Use of probability-of-use criteria without a cover component resulted in peak habitat flows that removed the fish from the marginal cover areas. The reliability of habitat prediction for fry and juvenile curves should therefore be evaluated accordingly.

The lack of an obvious trend of the peaks of the spawning habitat response curves shifting to the right progressing from the most upstream reach to most downstream reach to reflect the increases in channel width and discharge indicates that the habitat becomes more stable (WUA/cfs) going downstream. This assumes that substrate probability function remains unchanged.

#### 6.1.1.1 Nose vs. Mean Column Velocities

The use of nose velocities in spawning criteria, from an intuitive point of view, is felt to best represent the velocities selected by spawning fish. Incorporation of nose velocities into spawning probability-of-use criterion is justified when a species utilizes deep water (>3.0 ft) for spawning and there is an availability of deep water spawning habitat in the river. Both situations existed in the Skagit River and therefore the WUA generated from nose velocity based criteria are considered more reliable.

#### 6.1.1.2 Predicted Versus Utilized Habitat

The attempt to correlate predicted versus utilized habitat was undertaken with the knowledge that several factors may have significantly affected the results of such an analysis. Attributes such as upwelling, which is not part of the probability-of-use criteria, escapement size, and selection of a representative spawning flow from which the WUA was predicted in light of the fluctuating Gorge releases and variable tributary inflow during the spawning season each may have contributed to the variance in the correlation analysis. The positive relationship between predicted spawning WUA and utilization is encouraging and lends credibility to the methodology.

#### 6.1.1.3 River Habitat Response Curves

As mentioned in the methods section the monthly discharge that provided the maximum amount of spawning habitat for each of the evaluation species was significantly lower than those which occurred naturally or could physically be provided under any regulated regime. The discharges associated with the peak habitat could not be used directly for determining recommended instream flows and an alternate approach was required. This led to the decision to utilize the IFG and FRI effective spawning habitat models to determine a range of regulated spawning flows and required incubation flows for stream discharge

management. This does not imply that the river curves be ignored but rather should serve as a guideline in the selection of spawning flows on the basis of habitat availability, required incubation flows, and power production needs.

## 6.2 Effective Spawning Habitat Models

The criteria for the IFG effective spawning habitat program were designed to provide adequate flow over the predicted spawning habitat to meet the requirements of incubating embryos and provide the conditions necessary for fry emergence. The criteria for the FRI effective spawning habitat program were established to provide adequate incubation flows only and no provision was made for emergence.

The FRI program should be employed up until that time in which alevins within the gravel begin an upward migration. The literature (Dill 1970) indicates this process may occur as early as 1 month prior to actual emergence. Based on the dates for predicted first emergence for each species (Table 1) one month could be subtracted and the resulting date would indicate the time at which the IFG program would go into effect. Up until that point the FRI effective spawning habitat model results could be used.

The higher incubation flows required in some instances by the FRI program versus the IFG program for the same spawning release appears to be paradoxical at first until the mechanics of the IFG program are understood (Methods section). The IFG program in these instances would not provide adequate flows for emergence. However, the FRI model can be substituted for the IFG model to provide flows for emergence if a depth above the gravel surface is added to egg depth and the discharge associated with that increase in stage is added to the FRI required flow. For pink, chum and steelhead the increase in stage is 0.35 feet (.25' egg depth + .1' above gravel) and for chinook the increase in stage is 0.60 feet (.5' egg depth + .1' above gravel). The Newhalem and

Marblemount gages could be used to estimate the discharge associated with these increases in stage which in turn would be added to the flow required by the FRI model.

### 6.3 Evaluation of Natural Flows

The evaluation of natural flows was undertaken to afford a comparison of the amount of spawning habitat that is maintained under natural conditions to that which will be provided under the negotiated regulated flows. The analysis of the selected "worst case" natural flows may be compared to similar extreme regulated conditions. In both analyses it is apparent that a loss of habitat does occur under natural flow conditions and this presents the opportunity for regulated flows to be negotiated in a manner that may improve the overall habitat value for the river.

### 6.4 Side-channel Habitat

Side-channel spawning by chum salmon in the Skagit River is commonly observed. However each side channel is hydraulically unique and therefore the Gorge releases required to maintain the incubation habitat is highly variable. Minimum incubation flows were estimated for chum spawning in Marblemount Slough but these flows are not necessarily protective for other side channels within the study area. Marblemount Slough and other side channel areas providing chum salmon spawning habitat should be evaluated on a site by site basis following development of mainstem flow management regimes.

## 7.0 PROCEDURE TO ESTABLISH MONTHLY MINIMUM AND MAXIMUM REGULATED GORGE RELEASES

7.1 Select for each species a range of possible Gorge releases for spawning based on the habitat available at each release (river

habitat-response curves) and anticipated flow regime required to meet power demands.

- 7.2 Determine for the range of spawning releases the releases required during incubation months to maintain selected percentages of the maximum effective spawning habitat using the data base generated by the IFG and FRI effective spawning habitat programs.
- 7.3 Compare the effective spawning habitat available at regulated releases during incubation months to the effective spawning habitat available at natural flows for the same months. Eliminate combinations of regulated spawning and incubation releases which do not provide an amount of habitat equal to or greater than the natural flow (pre-project).
- 7.4 Establish for the four evaluation species the monthly minimum and maximum Gorge releases.
- 7.5 Develop streamflow management curves that optimize fish habitat and power production.

## 8.0 REFERENCES CITED

- Buchanan, T. J. and W. P. Somers. 1969. Discharge measurements at gaging stations. United States Geological Survey. Techniques of water-resources investigations, Book 3, Washington, District of Columbia, USA.
- Bovee, K. D. 1978. Probability of use criteria for the family Salmonidae. Instream flow information paper No. 4. FWS/OBS-78/07. Cooperative Instream Flow Service Group, Fort Collins, Colorado. 80 pp.
- Bovee, K. D. 1982. A guide to stream habitat analysis using the instream flow incremental methodology. Instream flow information paper No. 12. FWS/OBS-82/26. Instream Flow and Aquatic Systems Group, Fort Collins, Colorado. 248 pp.
- Chow, V. T. 1959. Open Channel Hydraulics. McGraw-Hill, New York. 680 pp.
- Dill, L. M. and T. G. Northcoat, 1970. Effect of gravel size, egg depth and egg density on intragravel movement and emergence of coho salmon, Oncorhynchus kisutch, alevin. JFRBC Vol. 27:1191-1199.
- Graybill, J. P., R. L. Burgner, J. C. Gislason, P. E. Huffman, K. H. Wyman, R. G. Gibbons, K. W. Kurko, Q. J. Stober, T. W. Fagnan, A. P. Stayman, and D. M. Eggers. 1979. Assessment of the reservoir-related effects of the Skagit project on downstream fishery resources of the Skagit River, Washington. Final Report to Seattle City Light. Univ. Washington, Fish. Res. Inst. FRI-UW-7905.
- Milhous, R. T., D. L. Wegner, and T. Waddle. 1981. User's guide to the physical habitat simulation system. Instream Flow Information Paper No. 11. FWS/OBS-81/43. Cooperative Instream Flow Service Group. U.S. Fish Wildl. Serv., Ft. Collins, CO. 41 pp.
- Stober, Q. J., S. C. Crumley, D. E. Fast, E. S. Killebrew, and R. M. Woodin.

1982. Effects of hydroelectric discharge fluctuation on salmon and steelhead in the Skagit River, Washington. Final Report to Seattle City Light. Univ. Washington, Fish. Res. Inst. FRI-UW-8127. 211 pp.
- Washington State Department of Fisheries. 1977. Salmon spawning ground data report. Progress Report 17. 346 pp.
- Washington State Department of Fisheries. 1982. Puget Sound salmon spawning ground data report. Water resource inventory areas 1-19 for escapement years 1978-1981. Progress Report 175. 574 pp.
- Washington State Department of Fisheries. 1983. Puget Sound spawning ground data report. Water resource inventory areas 1-19 for escapement year 1982-83. Progress Report 194. 157 pp.
- Washington State Game Department. 1980. Steelhead program progress report. April 1, 1980 - June 30, 1980. Cooperative agreement numbers 14-16-0001-5776FS, 14-16-0001-6345IFC between the United States Fish and Wildlife Service and the Washington State Game Department. 217 pp.

APPENDIX A

Table 1. Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 1, Island Site. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined.

Discharge	Transect			
	1	2	3	4
200	<u>.606</u>	<u>.681</u>	<u>1.555</u>	<u>.905</u>
300	<u>.672</u>	<u>.762</u>	<u>1.320</u>	<u>.930</u>
400	<u>.726</u>	<u>.818</u>	<u>1.201</u>	<u>.946</u>
500	<u>.771</u>	<u>.851</u>	<u>1.140</u>	<u>.958</u>
600	<u>.810</u>	<u>.878</u>	<u>1.104</u>	<u>.964</u>
700	<u>.845</u>	<u>.898</u>	<u>1.079</u>	<u>.970</u>
800	<u>.876</u>	<u>.914</u>	<u>1.062</u>	<u>.975</u>
900	<u>.903</u>	<u>.929</u>	<u>1.049</u>	<u>.979</u>
1000	<u>.926</u>	<u>.942</u>	<u>1.039</u>	<u>.983</u>
1100	<u>.944</u>	<u>.953</u>	<u>1.031</u>	<u>.986</u>
1200	<u>.961</u>	<u>.963</u>	<u>1.025</u>	<u>.989</u>
1300	<u>.976</u>	<u>.971</u>	<u>1.020</u>	<u>.991</u>
1400	<u>.990</u>	<u>.979</u>	<u>1.015</u>	<u>.993</u>
1500	<u>1.002</u>	<u>.985</u>	<u>1.012</u>	<u>.995</u>
1600	<u>1.008</u>	<u>.992</u>	<u>1.009</u>	<u>.997</u>
1700	<u>1.014</u>	<u>.997</u>	<u>1.007</u>	<u>.998</u>
1800	<u>1.020</u>	<u>1.002</u>	<u>1.005</u>	<u>.999</u>
1900	<u>1.025</u>	<u>1.006</u>	<u>1.003</u>	<u>1.001</u>
2000	<u>1.029</u>	<u>1.010</u>	<u>1.001</u>	<u>1.002</u>
2100	<u>1.032</u>	<u>1.014</u>	<u>1.000</u>	<u>1.003</u>
2200	<u>1.035</u>	<u>1.017</u>	<u>.999</u>	<u>1.003</u>
2300	<u>1.037</u>	<u>1.020</u>	<u>.998</u>	<u>1.004</u>
2400	<u>1.038</u>	<u>1.023</u>	<u>.998</u>	<u>1.005</u>
2500	<u>1.040</u>	<u>1.025</u>	<u>.997</u>	<u>1.006</u>
2600	<u>1.041</u>	<u>1.027</u>	<u>.996</u>	<u>1.006</u>
2700	<u>1.041</u>	<u>1.029</u>	<u>.996</u>	<u>1.007</u>
2800	<u>1.041</u>	<u>1.030</u>	<u>.996</u>	<u>1.007</u>
2900	<u>1.041</u>	<u>1.031</u>	<u>.995</u>	<u>1.007</u>
3000	<u>1.040</u>	<u>1.033</u>	<u>.995</u>	<u>1.008</u>
3100	<u>1.039</u>	<u>1.034</u>	<u>.995</u>	<u>1.008</u>
3200	<u>1.038</u>	<u>1.034</u>	<u>.995</u>	<u>1.008</u>
3300	<u>1.037</u>	<u>1.035</u>	<u>.995</u>	<u>1.009</u>
3400	<u>1.036</u>	<u>1.036</u>	<u>.995</u>	<u>1.009</u>
3500	<u>1.034</u>	<u>1.036</u>	<u>.995</u>	<u>1.009</u>
3600	<u>1.032</u>	<u>1.036</u>	<u>.995</u>	<u>1.009</u>
3700	<u>1.030</u>	<u>1.036</u>	<u>.995</u>	<u>1.009</u>
3800	<u>1.028</u>	<u>1.036</u>	<u>.995</u>	<u>1.009</u>
3900	<u>1.026</u>	<u>1.036</u>	<u>.995</u>	<u>1.009</u>
4000	<u>1.024</u>	<u>1.036</u>	<u>.995</u>	<u>1.009</u>
4100	<u>1.021</u>	<u>1.036</u>	<u>.995</u>	<u>1.009</u>
4200	<u>1.019</u>	<u>1.035</u>	<u>.995</u>	<u>1.009</u>
4300	<u>1.016</u>	<u>1.035</u>	<u>.995</u>	<u>1.009</u>
4400	<u>1.013</u>	<u>1.034</u>	<u>.996</u>	<u>1.009</u>
4500	<u>1.010</u>	<u>1.034</u>	<u>.996</u>	<u>1.008</u>
4600	<u>1.008</u>	<u>1.033</u>	<u>.996</u>	<u>1.008</u>
4700	<u>1.005</u>	<u>1.032</u>	<u>.996</u>	<u>1.008</u>
4800	<u>1.002</u>	<u>1.032</u>	<u>.997</u>	<u>1.008</u>
4900	<u>.999</u>	<u>1.031</u>	<u>.997</u>	<u>1.008</u>

Table 1. (continued).

Discharge	Transect			
	1	2	3	4
5000	.996	1.030	.997	1.007
5100	.993	1.029	.997	1.007
5200	.990	1.028	.998	1.007
5300	.987	1.026	.998	1.006
5400	.984	1.025	.998	1.006
5500	.981	1.024	.998	1.006
5600	.978	1.023	.999	1.005
5700	.975	1.021	.999	1.005
5800	.972	1.020	.999	1.005
5900	.969	1.019	1.000	1.004
6000	.966	1.017	1.000	1.004
6100	.963	1.016	1.000	1.004
6200	.960	1.014	1.001	1.003
6300	.957	1.013	1.001	1.003
6400	.954	1.011	1.001	1.002
6500	.951	1.009	1.002	1.002
6600	.948	1.008	1.002	1.001
6700	.945	1.006	1.002	1.001
6800	.942	1.004	1.003	1.000
6900	.939	1.003	1.003	1.000
7000	.936	1.001	1.003	.999
7100	.933	.999	1.003	.999
7200	.930	.997	1.004	.998
7300	.927	.995	<u>1.004</u>	<u>.998</u>
7400	.924	.993	1.004	.997
7500	.921	<u>.992</u>	1.005	.997
7600	.918	.990	1.005	.996
7700	.915	.988	1.005	.995
7800	.912	.986	1.006	.995
7900	.909	.984	1.006	.994
8000	.907	.982	1.006	.994
8100	.904	.980	1.007	.993
8200	.901	.978	1.007	.992
8300	.898	.976	1.007	.992

Table 2. Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 2, Sky Creek. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined.

Discharge	Transect			
	1	2	3	4
200	.888	<u>1.408</u>	.541	.426
300	.877	<u>1.255</u>	.619	.512
400	.879	<u>1.190</u>	.675	.578
500	.890	<u>1.149</u>	.717	.629
600	.898	<u>1.106</u>	.752	.672
700	.906	<u>1.083</u>	.782	.709
800	.914	<u>1.051</u>	.806	.741
900	.921	<u>1.038</u>	.828	.769
1000	.927	<u>1.030</u>	.846	.794
1100	.934	<u>1.024</u>	.862	.816
1200	.940	<u>1.019</u>	.877	.836
1300	.946	<u>1.016</u>	.890	.853
1400	.951	<u>1.013</u>	.902	.869
1500	.956	<u>1.011</u>	.913	.884
1600	.961	<u>1.010</u>	.922	.896
1700	.965	<u>1.009</u>	.931	.908
1800	.970	<u>1.006</u>	.939	.919
1900	.974	<u>1.006</u>	.947	.929
2000	.977	<u>1.005</u>	.954	.938
2100	.981	<u>1.005</u>	.959	.947
2200	.984	<u>1.004</u>	.965	.955
2300	.987	<u>1.004</u>	.970	.962
2400	.990	<u>1.004</u>	.975	.969
2500	.993	<u>1.004</u>	.980	.975
2600	.995	<u>1.003</u>	.984	.980
2700	.997	<u>1.003</u>	.988	.985
2800	<u>.999</u>	<u>1.004</u>	<u>.991</u>	<u>.990</u>
2900	1.001	<u>1.004</u>	.995	.995
3000	1.003	<u>1.004</u>	.998	.999
3100	1.005	<u>1.004</u>	1.000	1.002
3200	1.006	<u>1.004</u>	1.003	1.005
3300	1.007	<u>1.004</u>	1.005	1.008
3400	1.008	<u>1.004</u>	1.008	1.011
3500	1.009	<u>1.004</u>	1.010	1.012
3600	1.010	<u>1.004</u>	1.011	1.014
3700	1.011	<u>1.004</u>	1.013	1.016
3800	1.012	<u>1.004</u>	1.015	1.017
3900	1.012	<u>1.004</u>	1.016	1.019
4000	1.013	<u>1.004</u>	1.017	1.020
4100	1.013	<u>1.004</u>	1.018	1.021
4200	1.014	<u>1.004</u>	1.019	1.022
4300	1.014	<u>1.004</u>	1.020	1.022
4400	1.014	<u>1.004</u>	1.020	1.023
4500	1.014	<u>1.004</u>	1.021	1.023
4600	1.014	<u>1.004</u>	1.021	1.023
4700	1.014	<u>1.004</u>	1.022	1.023
4800	1.014	<u>1.004</u>	1.022	1.023
4900	1.014	<u>1.004</u>	1.022	1.023

Table 2 (continued).

Discharge	Transect			
	1	2	3	4
5000	1.014	1.004	1.022	1.023
5100	1.014	1.004	1.022	1.023
5200	1.013	1.004	1.021	1.022
5300	1.013	1.003	1.021	1.022
5400	1.013	1.003	1.020	1.021
5500	1.012	1.003	1.020	1.020
5600	1.012	1.003	1.019	1.020
5700	1.011	1.003	1.018	1.019
5800	1.010	1.003	1.018	1.018
5900	1.009	1.002	1.017	1.017
6000	1.009	1.002	1.016	1.016
6100	1.008	1.002	1.014	1.015
6200	1.007	1.002	1.013	1.014
6300	1.006	1.002	1.012	1.012
6400	1.005	1.001	1.011	1.011
6500	1.004	1.001	1.009	1.010
6600	1.003	1.001	1.008	1.008
6700	1.002	1.001	1.006	1.007
6800	1.001	1.000	1.004	1.005
6900	1.000	1.000	1.003	1.004
7000	.999	1.000	1.001	1.002
7100	.997	1.000	.999	1.001
7200	.996	.999	.997	.999
7300	.995	.999	.994	.997
7400	.994	.999	.992	.996
7500	.992	.998	.990	.994
7600	.991	.998	.987	.992
7700	.989	.998	.985	.990
7800	.988	.998	.982	.989
7900	.987	.997	.979	.987
8000	.985	.997	.976	.985
8100	.984	.997	.973	.983
8200	.982	.996	.970	.981
8300	.980	.996	.967	.979
8400	.979	.996	.963	.977
8500	.977	.995	.960	.975
8600	.976	.995	.956	.973
8700	.974	.994	.952	.971

Table 3. Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 3, Copper Creek. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined.

Discharge	Transect					
	1	2	3	4	5	6
300	.941	1.063	.702	.878	1.715	.829
400	.966	1.132	.750	.907	1.586	.864
500	.976	1.149	.786	.927	1.493	.890
600	.989	1.168	.814	.943	1.461	.909
700	.996	1.176	.838	.955	1.392	.925
800	1.003	1.178	.858	.963	1.331	.938
900	1.008	1.179	.875	.971	1.293	.949
1000	1.006	1.168	.889	.978	1.271	.958
1100	1.007	1.150	.902	.984	1.252	.966
1200	1.008	1.139	.914	.989	1.196	.973
1300	1.006	1.130	.924	.993	1.173	.978
1400	1.003	1.122	.933	.997	1.144	.983
1500	1.002	1.114	.941	1.000	1.127	.988
1600	1.001	1.108	.949	<u>1.003</u>	1.115	<u>.992</u>
1700	1.000	1.088	.956	<u>1.005</u>	1.099	<u>.995</u>
1800	1.000	1.081	.962	1.007	1.084	.998
1900	1.000	1.074	.966	1.009	1.069	1.001
2000	.999	1.069	.971	1.011	1.057	1.003
2100	.999	1.063	.975	1.012	1.047	1.006
2200	.999	1.059	.979	1.014	1.033	1.008
2300	.999	1.055	.983	1.015	1.023	1.010
2400	.999	1.050	.986	1.016	1.014	1.011
2500	<u>1.000</u>	1.046	.989	1.017	1.007	1.013
2600	<u>1.000</u>	<u>1.043</u>	<u>.991</u>	1.017	<u>1.001</u>	1.014
2700	1.000	1.040	.993	1.018	.996	1.015
2800	1.000	1.038	.996	1.019	.991	1.016
2900	1.000	1.035	.998	1.019	.988	1.017
3000	1.001	1.033	.999	1.020	.985	1.018
3100	1.001	1.031	1.001	1.020	.982	1.018
3200	1.001	1.029	1.003	1.020	.980	1.019
3300	1.002	1.027	1.004	1.020	.978	1.020
3400	1.002	1.026	1.005	1.020	.977	1.020
3500	1.002	1.024	1.006	1.021	.975	1.020
3600	1.002	1.022	1.007	1.021	.974	1.021
3700	1.003	1.021	1.008	1.021	.974	1.021
3800	1.003	1.019	1.009	1.020	.973	1.021
3900	1.003	1.018	1.010	1.020	.973	1.021
4000	1.003	1.017	1.011	1.020	.973	1.021
4100	1.003	1.016	1.011	1.020	.972	1.021
4200	1.004	1.015	1.012	1.020	.972	1.021
4300	1.004	1.014	1.012	1.019	.973	1.021
4400	1.004	1.013	1.013	1.019	.973	1.021
4500	1.004	1.012	1.013	1.019	.973	1.021
4600	1.004	1.011	1.014	1.018	.974	1.021
4700	1.004	1.010	1.014	1.018	.974	1.021
4800	1.004	1.009	1.014	1.017	.975	1.020
4900	1.004	1.008	1.014	1.017	.975	1.020
5000	1.004	1.007	1.014	1.016	.976	1.020
5100	1.004	1.006	1.014	1.016	.976	1.019

Table 3 (continued).

Discharge	Transect					
	1	2	3	4	5	6
5200	1.004	1.006	1.014	1.016	.977	1.019
5300	1.004	1.005	1.014	1.015	.978	1.018
5400	1.004	1.004	1.014	1.014	.979	1.018
5500	1.004	1.003	1.014	1.014	.980	1.018
5600	1.004	1.003	1.014	1.013	.981	1.017
5700	1.004	1.002	1.014	1.013	.982	1.017
5800	1.004	1.002	1.014	1.012	.983	1.016
5900	1.004	1.001	1.014	1.012	.984	1.015
6000	1.004	1.000	1.014	1.011	.985	1.015
6100	1.004	1.000	1.013	1.010	.986	1.014
6200	1.004	.999	1.013	1.010	.987	1.014
6300	1.004	.999	1.013	1.009	.988	1.013
6400	1.004	.998	1.012	1.008	.989	1.012
6500	1.004	.998	1.012	1.008	.990	1.012
6600	1.004	.997	1.012	1.007	.991	1.011
6700	1.003	.997	1.011	1.007	.992	1.010
6800	1.003	.996	1.011	1.006	.993	1.009
6900	1.003	.996	1.011	1.005	.994	1.009
7000	1.003	.995	1.010	1.004	.995	1.008
7100	1.003	.995	1.010	1.004	.996	1.007
7200	1.003	.994	1.009	1.003	.997	1.006
7300	1.002	.994	1.009	1.002	.998	1.005
7400	1.002	.993	1.008	1.002	1.000	1.005
7500	1.002	.993	1.008	1.001	1.001	1.004
7600	1.002	.993	1.007	1.000	1.002	1.003
7700	1.002	.992	1.007	.999	1.003	1.002
7800	1.001	.992	1.006	.999	1.004	1.001
7900	1.001	.991	1.006	.998	1.005	1.000
8000	1.001	<u>.991</u>	1.005	.997	1.006	.999
8100	1.001	.991	1.004	.997	1.007	.998
8200	1.001	.990	1.004	.996	1.008	.997
8300	1.000	.990	1.003	.995	1.009	.996
8400	1.000	.989	1.003	.994	1.011	.995
8500	1.000	.989	1.002	.994	1.012	.994
8600	1.000	.989	1.001	.993	1.013	.993
8700	.999	.988	1.001	.992	1.014	.992
8800	.999	.988	1.000	.991	1.015	.991
8900	.999	.988	.999	.991	1.016	.990
9000	.998	.987	.999	.990	1.017	<u>.989</u>
9100	.998	.987	.998	.989	1.018	.987
9200	.998	.987	.997	.988	1.019	.986

Table 4. Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 4, Indian Bar. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined.

Discharge	Transect			
	1	2	3	4
400	1.243	1.275	.704	.912
500	1.175	1.180	.744	.920
600	1.133	1.124	.778	.929
700	1.102	1.086	.807	.937
800	1.080	1.062	.830	.945
900	1.065	1.046	.852	.950
1000	1.052	1.032	.870	.957
1100	1.043	1.024	.887	.963
1200	1.035	1.018	.902	.968
1300	1.028	1.012	.915	.973
1400	1.023	1.009	.927	.977
1500	1.018	1.005	.937	.982
1600	1.014	1.003	.947	.985
1700	1.011	1.001	.956	.988
1800	1.009	1.000	.964	.990
1900	1.006	.999	.972	.993
2000	<u>1.004</u>	<u>.998</u>	<u>.979</u>	<u>.996</u>
2100	1.003	.998	.986	.998
2200	1.001	.998	.991	1.000
2300	1.000	.998	.996	.996
2400	.999	.998	1.001	.997
2500	.998	.998	1.006	.998
2600	.997	.998	1.010	.999
2700	.996	.998	1.013	1.000
2800	.996	.998	1.016	1.001
2900	.995	.998	1.019	1.002
3000	.995	.998	1.022	1.003
3100	.995	.998	1.024	1.004
3200	.994	.999	1.027	1.004
3300	.994	.999	1.028	1.005
3400	.994	.999	1.030	1.006
3500	.994	1.000	1.032	1.004
3600	.994	1.000	1.033	1.005
3700	.994	1.000	1.034	1.005
3800	.994	1.000	1.035	1.006
3900	.994	1.001	1.036	1.006
4000	.994	1.001	1.037	1.007
4100	.994	1.001	1.037	1.007
4200	.994	1.001	1.038	1.007
4300	.994	1.002	1.038	1.008
4400	.994	1.002	1.038	1.008
4500	.994	1.002	1.038	1.008
4600	.994	1.002	1.038	1.009
4700	.995	1.002	1.038	1.009
4800	.995	1.003	1.037	1.009
4900	.995	1.003	1.037	1.009
5000	.995	1.003	1.037	1.009
5100	.995	1.003	1.036	1.009
5200	.996	1.003	1.035	1.009

Table 4 (continued).

Discharge	Transect			
	1	2	3	4
5300	.996	1.003	1.034	1.009
5400	.996	1.003	1.034	1.009
5500	.996	1.003	1.033	1.009
5600	.996	1.003	1.032	1.009
5700	.997	1.003	1.031	1.009
5800	.997	1.003	1.029	1.009
5900	.997	1.003	1.028	1.008
6000	.997	1.003	1.027	1.008
6100	.998	1.003	1.026	1.008
6200	.998	1.003	1.024	1.007
6300	.998	1.003	1.023	1.007
6400	.999	1.002	1.021	1.007
6500	.999	1.002	1.020	1.006
6600	.999	1.002	1.018	1.006
6700	.999	1.002	1.016	1.005
6800	1.000	1.002	1.015	1.004
6900	1.000	1.001	1.013	1.004
7000	1.000	1.001	1.011	1.003
7100	1.000	1.001	1.009	1.002
7200	1.001	1.000	1.007	1.002
7300	1.001	1.000	1.006	1.001
7400	1.001	1.000	1.004	1.000
7500	1.002	.999	1.002	.999
7600	1.002	.999	1.000	.998
7700	1.002	.999	.998	.997
7800	1.002	.998	.995	.996
7900	1.003	.998	.993	.995
8000	1.003	.998	.991	.994
8100	<u>1.003</u>	.997	.989	.993
8200	<u>1.004</u>	<u>.997</u>	<u>.987</u>	<u>.992</u>
8300	1.004	.996	.985	.991
8400	1.004	.996	.982	.989
8500	1.004	.995	.980	.988
8600	1.005	.995	.978	.987
8700	1.005	.994	.976	.985
8800	1.005	.994	.973	.984
8900	1.006	.993	.971	.983
9000	1.006	.993	.969	.981
9100	1.006	.992	.966	.980
9200	1.006	.991	.964	.978
9300	1.007	.991	.961	.977
9400	1.007	.990	.959	.975
9500	1.007	.990	.957	.974
9600	1.007	.989	.954	.972
9700	1.008	.988	.952	.970
9800	1.008	.988	.949	.969
9900	1.008	.987	.947	.967
10000	1.009	.986	.944	.965
10100	1.009	.986	.942	.963

Table 4 (continued).

Discharge	Transect			
	1	2	3	4
10200	1.009	.985	.939	.961
10300	1.009	.984	.937	.960
10400	1.010	.984	.934	.958
10500	1.010	.983	.932	.956
10600	1.010	.982	.929	.954

Table 5. Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 5, Marblemount. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined.

Discharge	Transect					
	1	2	3	4	5	6
500	1.005	.928	.917	.986	.840	.865
600	.996	.929	.925	.986	.865	.889
700	.992	.934	.934	.988	.887	.907
800	.989	.940	.942	.990	.905	.922
900	.988	.946	.950	.990	.919	.935
1000	.988	.949	.956	.991	.930	.945
1100	.988	.954	.961	.992	.941	.953
1200	.989	.959	.967	.993	.951	.961
1300	.990	.964	.971	.994	.960	.967
1400	.991	.969	.976	.995	.969	.973
1500	.993	.973	.980	.996	.974	.978
1600	.994	.978	.984	.997	.980	.982
1700	.995	.982	.987	.998	.986	.986
1800	.997	.986	.991	.999	.991	.990
1900	.998	.989	.990	1.000	.995	.993
2000	.999	.993	.992	1.000	.999	.996
2100	1.000	.996	.995	1.001	1.002	.998
2200	1.001	.999	.996	1.001	1.005	1.000
2300	1.002	1.002	.998	1.002	1.008	1.002
2400	1.003	1.005	1.000	1.002	1.011	1.004
2500	1.004	1.007	1.002	1.003	1.013	1.005
2600	1.005	1.010	1.003	1.003	1.015	1.007
2700	1.005	1.012	1.005	1.004	1.017	1.008
2800	1.006	1.014	1.006	1.004	1.018	1.009
2900	1.007	1.016	1.007	1.004	1.020	1.010
3000	1.008	1.017	1.008	1.004	1.021	1.011
3100	1.008	1.019	1.009	1.004	1.022	1.011
3200	1.009	1.020	1.010	1.005	1.023	1.012
3300	1.005	1.021	1.010	1.005	1.023	1.012
3400	1.005	1.022	1.011	1.005	1.024	1.013
3500	1.006	1.023	1.012	1.005	1.024	1.013
3600	1.006	1.024	1.012	1.005	1.025	1.013
3700	1.006	1.025	1.012	1.005	1.025	1.013
3800	1.007	1.026	1.012	1.005	1.025	1.013
3900	1.007	1.027	1.012	1.005	1.025	1.013
4000	1.007	1.028	1.012	1.005	1.025	1.013
4100	1.007	1.028	1.012	1.005	1.025	1.013
4200	1.007	1.029	1.012	1.005	1.025	1.013
4300	1.007	1.029	1.012	1.005	1.025	1.013
4400	1.008	1.029	1.011	1.005	1.024	1.013
4500	1.008	1.030	1.011	1.004	1.024	1.012
4600	1.008	1.030	1.010	1.004	1.023	1.012
4700	1.008	1.030	1.010	1.004	1.023	1.012
4800	1.008	1.030	1.009	1.004	1.022	1.011
4900	1.008	1.030	1.008	1.004	1.022	1.011
5000	1.007	1.030	1.008	1.004	1.021	1.010
5100	1.007	1.030	1.007	1.004	1.020	1.010
5200	1.007	1.029	1.006	1.004	1.020	1.009
5300	1.007	1.029	1.006	1.003	1.019	1.009

Table 5 (continued).

Discharge	Transect					
	1	2	3	4	5	6
5400	1.007	1.029	1.005	1.003	1.018	1.008
5500	1.007	1.028	1.004	1.003	1.017	1.008
5600	1.007	1.028	1.003	1.003	1.016	1.007
5700	1.006	1.027	1.002	1.003	1.015	1.006
5800	1.006	1.026	1.001	1.003	1.014	1.006
5900	1.006	1.026	1.000	1.002	1.013	1.005
6000	1.005	1.025	.999	1.002	1.012	1.004
6100	1.005	1.024	.998	1.002	1.010	1.004
6200	1.004	1.023	.997	1.002	1.009	1.003
6300	1.004	1.023	.996	1.002	1.008	1.002
6400	1.004	1.022	.995	1.001	1.007	1.001
6500	1.003	1.021	.994	1.001	1.005	1.001
6600	1.003	1.020	.993	1.001	1.004	1.000
6700	1.002	1.019	.992	1.001	1.003	.999
6800	1.002	1.017	.991	1.001	1.001	.998
6900	1.001	1.016	.989	1.000	1.000	.997
7000	1.001	1.015	.988	1.000	.999	.997
7100	1.000	1.014	.987	1.000	.997	.996
7200	1.000	1.012	.986	1.000	.996	.995
7300	.999	1.011	.985	.999	.994	.994
7400	.999	1.010	.984	.999	.993	.993
7500	.998	1.008	.983	.999	.991	.992
7600	.998	1.007	.982	.999	.989	.992
7700	.997	1.005	.981	.998	.988	.991
7800	.997	1.004	.979	.998	.986	.990
7900	.996	1.002	.978	.998	.985	.989
8000	.996	1.000	.977	.998	.983	.988
8100	.995	.999	.976	.997	.981	.987
8200	.994	.997	.975	.997	.980	.986
8300	.994	.995	.974	.997	.978	.985
8400	.993	.993	.973	.996	.976	.984
8500	.992	.991	.971	.996	.974	.983
8600	.992	.990	.970	.996	.973	.982
8700	.991	.988	.969	.996	.971	.982
8800	.991	.986	.968	.995	.969	.981
8900	.990	.984	.967	.995	.967	.980
9000	.989	.982	.966	.995	.965	.979
9100	.989	.980	.965	.995	.964	.978
9200	.988	.978	.963	.994	.962	.977
9300	.987	.976	.962	.994	.960	.976
9400	.987	.974	.961	.994	.958	.975
9500	.986	.971	.960	.993	.956	.974
9600	.985	.969	.959	.993	.954	.973
9700	.985	.967	.958	.993	.952	.972
9800	.984	.965	.956	.993	.950	.971
9900	.983	.963	.955	.992	.948	.970
10000	.983	.960	.954	.992	.946	.969
10100	.982	.958	.953	.992	.944	.968
10200	.981	.956	.952	.991	.942	.967

Table 5 (continued).

Discharge	Transect					
	1	2	3	4	5	6
10300	.980	.953	.951	.991	.940	.966
10400	.980	.951	.949	.991	.938	.965
10500	.979	.948	.948	.991	.936	.964
10600	.978	.946	.947	.990	.934	.963
10700	.977	.944	.946	.990	.932	.962
10800	.977	.941	.945	.990	.930	.961
10900	.976	.939	.944	.989	.928	.960

Table 6. Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 6, Marblemount Slough. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined.

Discharge	1	2	3	4	5	6
20	<u>1.022</u>	<u>.957</u>	<u>.909</u>	1.002	1.009	.983
25	<u>1.011</u>	.985	.947	<u>1.001</u>	<u>1.011</u>	<u>.999</u>
30	1.005	1.003	.973	1.002	1.011	1.009
35	<u>1.001</u>	1.015	.990	1.002	1.010	1.014
40	.997	1.022	1.000	1.002	1.008	1.017
45	.994	1.026	1.006	1.002	1.006	1.018
50	.992	1.028	1.008	1.002	1.003	1.017
55	.991	1.028	1.007	1.002	1.001	1.016
60	.990	1.026	1.004	1.002	.998	1.014
65	.988	1.022	.999	1.002	.995	1.011
70	.987	1.018	.992	1.002	.993	1.008
75	.986	1.013	.984	1.001	.990	1.005
80	.985	1.007	.975	1.001	.987	1.001
85	.985	1.001	.965	1.000	.985	.998
90	.984	.994	.955	1.000	.982	.994
95	.984	.987	.944	.999	.979	.991
100	.983	.979	.932	.998	.977	.987
105	<u>.983</u>	<u>.971</u>	<u>.920</u>	<u>.997</u>	<u>.974</u>	<u>.983</u>
110	.982	.963	.908	.997	.972	.979
115	.982	.955	.896	.996	.969	.975
120	.981	.946	.884	.995	.967	.971
125	.981	.938	.871	.994	.965	.967
130	.981	.929	.858	.992	.962	.963
135	.980	.920	.846	.991	.960	.959
140	.980	.912	.833	.990	.958	.955
145	.980	.903	.821	.989	.955	.951

Table 7. Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 7, Corkindale. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined.

Discharge	Transect				
	1	2	3	4	5
900	.937	.971	.954	1.002	.988
1000	.943	.972	.960	1.000	.987
1100	.949	.975	.964	.999	.986
1200	.954	.978	.968	.998	.986
1300	.959	.979	.971	.997	.986
1400	.963	.981	.974	.997	.987
1500	.967	.984	.977	.996	.987
1600	.971	.986	.979	.997	.988
1700	.974	.987	.982	.997	.989
1800	.977	.989	.984	.997	.990
1900	.980	.991	.986	.997	.991
2000	.983	.993	.988	.997	.992
2100	.985	.994	.990	.998	.992
2200	.988	.995	.991	.998	.993
2300	.990	.997	.993	.999	.994
2400	.992	.998	.994	.999	.995
2500	.993	.999	.996	.999	.996
2600	.995	1.000	.997	1.000	.996
2700	.997	.999	.998	1.000	.997
2800	.998	1.000	.999	1.000	.998
2900	.999	1.001	1.000	1.001	.998
3000	<u>1.000</u>	<u>1.002</u>	<u>1.001</u>	1.001	.999
3100	<u>1.001</u>	<u>1.002</u>	<u>1.001</u>	<u>1.001</u>	.999
3200	1.002	1.003	1.002	<u>1.001</u>	<u>.998</u>
3300	1.003	1.003	1.003	1.001	.998
3400	1.004	1.004	1.003	1.002	.999
3500	1.005	1.004	1.004	1.002	.999
3600	1.005	1.004	1.004	1.002	1.000
3700	1.006	1.005	1.005	1.002	1.000
3800	1.006	1.005	1.005	1.002	1.000
3900	1.007	1.005	1.005	1.002	1.001
4000	1.007	1.006	1.006	1.003	1.001
4100	1.008	1.006	1.006	1.003	1.001
4200	1.008	1.006	1.006	1.003	1.001
4300	1.008	1.006	1.006	1.003	1.002
4400	1.009	1.006	1.007	1.003	1.002
4500	1.009	1.006	1.006	1.003	1.002
4600	1.009	1.006	1.007	1.003	1.002
4700	1.009	1.006	1.007	1.003	1.002
4800	1.009	1.006	1.007	1.003	1.002
4900	1.009	1.006	1.007	1.003	1.002
5000	1.009	1.006	1.007	1.003	1.002
5100	1.009	1.006	1.007	1.003	1.002
5200	1.009	1.006	1.007	1.003	1.002
5300	1.009	1.006	1.007	1.003	1.002
5400	1.009	1.006	1.006	1.003	1.002
5500	1.009	1.005	1.006	1.003	1.002
5600	1.009	1.005	1.006	1.003	1.002

Table 7 (continued).

Discharge	Transect				
	1	2	3	4	5
5700	1.009	1.005	1.006	1.003	1.002
5800	1.008	1.005	1.006	1.003	1.002
5900	1.008	1.005	1.006	1.003	1.002
6000	1.008	1.005	1.006	1.003	1.002
6100	1.008	1.005	1.005	1.003	1.002
6200	1.008	1.004	1.005	1.003	1.002
6300	1.007	1.004	1.005	1.003	1.002
6400	1.007	1.004	1.005	1.003	1.002
6500	1.007	1.004	1.005	1.003	1.001
6600	1.006	1.004	1.004	1.002	1.001
6700	1.006	1.003	1.004	1.006	1.001
6800	1.006	1.003	1.004	1.006	1.001
6900	1.005	1.003	1.004	1.005	1.001
7000	1.005	1.003	1.003	1.005	1.000
7100	1.005	1.002	1.003	1.004	1.000
7200	1.004	1.002	1.003	1.004	1.000
7300	1.004	1.002	1.002	1.003	1.000
7400	1.003	1.002	1.002	1.003	1.000
7500	1.003	1.001	1.002	1.002	.999
7600	1.002	1.001	1.001	1.002	.999
7700	1.002	1.001	1.001	1.001	.999
7800	1.001	1.000	1.001	1.000	.998
7900	1.001	1.000	1.000	1.000	.998
8000	1.000	1.000	1.000	.999	.998
8100	1.000	1.000	1.000	.999	.998
8200	.999	.999	.999	.998	.997
8300	.999	.999	.999	.997	.997
8400	.998	.999	.998	.997	.997
8500	.998	.998	.998	.996	.996
8600	.997	.998	.997	.996	.996
8700	.997	.998	.997	.995	.996
8800	.996	.997	.996	.994	.995
8900	.996	.997	.996	.994	.995
9000	.995	.997	.995	.993	.995
9100	.995	.996	.995	.992	.994
9200	.994	.996	.994	.992	.994
9300	.993	.995	.993	.991	.994
9400	.993	.995	.993	.990	.993
9500	.992	.995	.992	.990	.993
9600	.992	.994	.992	.989	.992
9700	.991	.994	.991	.996	.992
9800	.990	.994	.991	.996	.991
9900	.990	.993	.990	.996	.991
10000	.989	.993	.989	.995	.991
10100	.988	.992	.989	.995	.990
10200	.988	.992	.988	.995	.990
10300	.987	.991	.988	.995	.989
10400	.986	.991	.987	.994	.989

Table 7 (continued).

Discharge	Transect				
	1	2	3	4	5
10500	.986	.991	.986	.994	.989
10600	.985	.990	.986	.994	.988
10700	.984	.990	.985	.994	.988
10800	.984	.989	.984	.993	.987
10900	.983	.989	.984	.993	.987
11000	.982	.988	.983	.993	.986
11100	.982	.988	.982	.992	.986
11200	.981	.987	.981	.992	.985
11300	.980	.987	.981	.992	.985
11400	.980	.987	.980	.992	.985
11500	.979	.986	.979	.991	.984
11600	.978	.986	.979	.991	.984
11700	.977	.985	.978	.991	.983
11800	.977	.985	.977	.990	.983
11900	.976	.984	.977	.990	.982
12000	.975	.984	.976	.990	.982
12100	.974	.983	.975	.989	.981
12200	.974	.983	.974	.989	.981
12300	.973	.982	.974	.989	.981
12400	.972	.982	.973	.989	.980
12500	.972	.981	.972	.988	.980
12600	.971	.981	.971	.988	.979
12700	.970	.980	.971	.988	.979
12800	.969	.980	.970	.987	.978
12900	.969	.979	.969	.987	.978
13000	.968	.978	.968	.987	.977
13100	.967	.978	.968	.986	.977
13200	.966	.977	.967	.986	.976
13300	.966	.977	.966	.986	.976
13400	.965	.976	.965	.985	.975
13500	.964	.976	.965	.985	.975
13600	.963	.975	.964	.985	.974
13700	.962	.975	.963	.984	.974
13800	.962	.974	.962	.984	.974
13900	.961	.974	.962	.984	.973
14000	.960	.973	.961	.983	.973
14100	.959	.972	.960	.983	.972

Table 8. Velocity adjustment factors (VAFs) for the range of discharges simulated for each transect at Reach 8, Barr Creek. The VAFs corresponding to the best estimate of measured high and low calibration discharges for each transect are underlined.

Discharge	Transect				
	1	2	3	4	5
1000	.951	.869	1.243	.829	.967
1100	.956	.883	1.197	.849	.968
1200	.961	.896	1.162	.868	.970
1300	.965	.908	1.135	.884	.973
1400	.969	.918	1.114	.898	.975
1500	.973	.928	1.096	.911	.977
1600	.976	.936	1.081	.922	.979
1700	.979	.944	1.068	.933	.981
1800	.982	.951	1.058	.941	.982
1900	.985	.958	1.049	.949	.984
2000	.986	.964	1.041	.957	.986
2100	.988	.969	1.034	.963	.987
2200	.990	.975	1.029	.969	.989
2300	.992	.979	1.024	.975	.990
2400	.993	.984	1.019	.980	.991
2500	.995	.988	1.015	.984	.992
2600	.996	.992	1.012	.988	.993
2700	.997	.995	1.009	.992	.994
2800	.999	.998	1.006	.995	.995
2900	<u>1.000</u>	<u>1.001</u>	<u>1.004</u>	.998	.996
3000	1.010	1.004	1.002	1.000	.997
3100	1.000	1.006	1.000	1.003	.998
3200	1.001	1.008	.999	1.005	<u>.999</u>
3300	1.001	1.011	.997	<u>1.006</u>	1.000
3400	1.002	1.012	.996	1.008	1.000
3500	1.002	1.014	.995	1.009	1.001
3600	1.003	1.016	.994	1.010	1.001
3700	1.003	1.017	.993	1.011	1.002
3800	1.004	1.018	.992	1.012	1.002
3900	1.004	1.020	.992	1.013	1.003
4000	1.004	1.021	.991	1.013	1.003
4100	1.005	1.021	.991	1.014	1.003
4200	1.005	1.022	.990	1.014	1.004
4300	1.005	1.023	.990	1.014	1.004
4400	1.005	1.024	.990	1.014	1.004
4500	1.005	1.024	.990	1.014	1.004
4600	1.005	1.024	.990	1.014	1.005
4700	1.005	1.025	.990	1.014	1.005
4800	1.005	1.025	.990	1.014	1.005
4900	1.005	1.025	.990	1.014	1.005
5000	1.005	1.025	.990	1.013	1.005
5100	1.005	1.025	.990	1.013	1.005
5200	1.005	1.025	.990	1.012	1.005
5300	1.005	1.025	.990	1.012	1.005
5400	1.005	1.025	.990	1.011	1.005
5500	1.005	1.025	.990	1.010	1.005
5600	1.004	1.024	.991	1.010	1.005
5700	1.004	1.024	.991	1.009	1.005

Table 8 (continued).

Discharge	Transect				
	1	2	3	4	5
5800	1.004	1.024	.991	1.008	1.005
5900	1.004	1.023	.992	1.007	1.005
6000	1.003	1.023	.992	1.006	1.005
6100	1.003	1.022	.992	1.006	1.004
6200	1.003	1.021	.992	1.005	1.004
6300	1.003	1.021	.993	1.004	1.004
6400	1.002	1.020	.993	1.003	1.003
6500	1.002	1.019	.994	1.002	1.003
6600	1.002	1.018	.994	1.001	1.003
6700	1.001	1.018	.994	1.000	1.002
6800	1.001	1.017	.995	.999	1.002
6900	1.000	1.016	.995	.998	1.001
7000	1.000	1.015	.996	.996	1.000
7100	1.000	1.014	.996	.995	1.000
7200	.999	1.013	.996	.994	.999
7300	.999	1.012	.997	.993	.998
7400	.998	1.011	.997	.992	.998
7500	.998	1.010	.998	<u>.991</u>	.997
7600	.997	1.009	.998	<u>.990</u>	<u>.996</u>
7700	.997	1.008	.998	.988	<u>.995</u>
7800	.996	1.007	.999	.987	.994
7900	.996	1.005	.999	.986	.993
8000	.995	1.004	1.000	.985	.992
8100	.995	1.003	1.000	.983	.990
8200	.994	1.002	1.001	.982	.989
8300	.994	1.000	1.001	.981	.987
8400	.993	.999	1.002	.980	.985
8500	.993	.998	1.002	.978	.983
8600	.992	.996	1.003	.977	.981
8700	.992	.995	1.003	.976	.979
8800	.991	.994	1.003	.975	.977
8900	.990	.992	1.004	.973	.975
9000	.990	.991	1.004	.972	.972
9100	.989	.989	1.005	.971	.970
9200	.989	.988	1.005	.969	.967
9300	.988	.986	1.006	.968	.964
9400	.988	.985	1.006	.967	.961
9500	.987	.983	1.007	.965	.958
9600	.986	.982	1.007	.964	.955
9700	.986	.980	1.007	.963	.952
9800	<u>.985</u>	<u>.979</u>	<u>1.008</u>	.962	.949
9900	.984	.977	1.008	.960	.945
10000	.984	.976	1.009	.959	.942
10100	.983	.974	1.009	.958	.938
10200	.983	.972	1.001	.956	.934
10300	.982	.971	1.010	.955	.930
10400	.981	.969	1.011	.954	.926
10500	.981	.967	1.011	.952	.921

Table 8 (continued).

Discharge	Transect				
	1	2	3	4	5
10600	.980	.966	1.011	.951	.917
10700	.979	.964	1.012	.950	.912
10800	.979	.962	1.012	.948	.907
10900	.978	.961	1.013	.947	.901
11000	.977	.959	1.013	.946	.896
11100	.977	.957	1.014	.945	.890
11200	.976	.955	1.014	.943	.884
11300	.975	.954	1.014	.942	.878
11400	.974	.952	1.015	.941	.872
11500	.974	.950	1.015	.939	.865
11600	.973	.948	1.016	.938	.858
11700	.972	.947	1.016	.937	.850
11800	.972	.945	1.016	.935	.843
11900	.971	.943	1.017	.934	.835
12000	.970	.941	1.017	.933	.827
12100	.970	.939	1.018	.932	.818
12200	.969	.937	1.018	.930	.809
12300	.968	.936	1.018	.929	.800
12400	.967	.934	1.019	.928	.791
12500	.967	.932	1.019	.926	.781
12600	.966	.930	1.020	.925	.771
12700	.965	.928	1.020	.924	.761
12800	.965	.926	1.020	.922	.750
12900	.964	.924	1.021	.921	.739
13000	.963	.922	1.021	.920	.728
13100	.962	.920	1.022	.918	.716
13200	.962	.919	1.022	.917	.704
13300	.961	.917	1.022	.916	.692
13400	.960	.915	1.023	.914	.680
13500	.959	.913	1.023	.913	.667
13600	.959	.911	1.023	.912	.654
13700	.958	.909	1.024	.911	.641
13800	.957	.907	1.024	.909	.628
13900	.956	.905	1.025	.908	.615
14000	.956	.903	1.025	.907	.601
14100	.955	.901	1.025	.905	.588
14200	.954	.899	1.026	.904	.574
14300	.953	.897	1.026	.903	.560
14400	.953	.895	1.026	.902	.546
14500	.952	.893	1.027	.900	.532
14600	.951	.891	1.027	.899	.518
14700	.950	.889	1.027	.898	.504
14800	.950	.887	1.028	.897	.490
14900	.949	.885	1.028	.895	.477

APPENDIX B

Appendix B - Probability-of-use CriteriaIntroduction

Contained in this appendix is a comparative review of the probability-of-use criteria available at the time of this study. Comparative plots of the probability-of-use criteria for depth, velocity and substrate are presented by species/life stage followed by plots of each criterion selected for use in these analyses. The substrate criteria are plotted using the Washington State coding system.

Species Life Stage Probability of Use Criteria

Chinook salmon/spawning. Four sets of curves for depth, velocity and substrate were compared for fall chinook spawning in Figure 1 and Table 1. The analysts and sources of data involved in the development of each respective curve were as follows: FRI, the Skagit River (1); P. Wampler, FWS, Kalama, Coweman Rivers (2); IFG, several western Oregon streams (3) and WDF modification of reference (2). The Skagit River data indicated that the chinook salmon spawned in greater water depths and velocities and in larger substrate than in the other river systems. The Skagit River data for depth and nose versus mean column velocity (Figure 2) and the substrate criterion in Figure 3 were used in the IFIM study.

Chinook salmon/fry. Chinook fry criteria were determined from observations made from electrofishing and transect measurements during Skagit River field studies (6) and are presented in Figure 4 and Table 2. The final curves (Figures 5 and 6) were established by consensus of personnel involved

FALL CHINOOK

SPAWNING

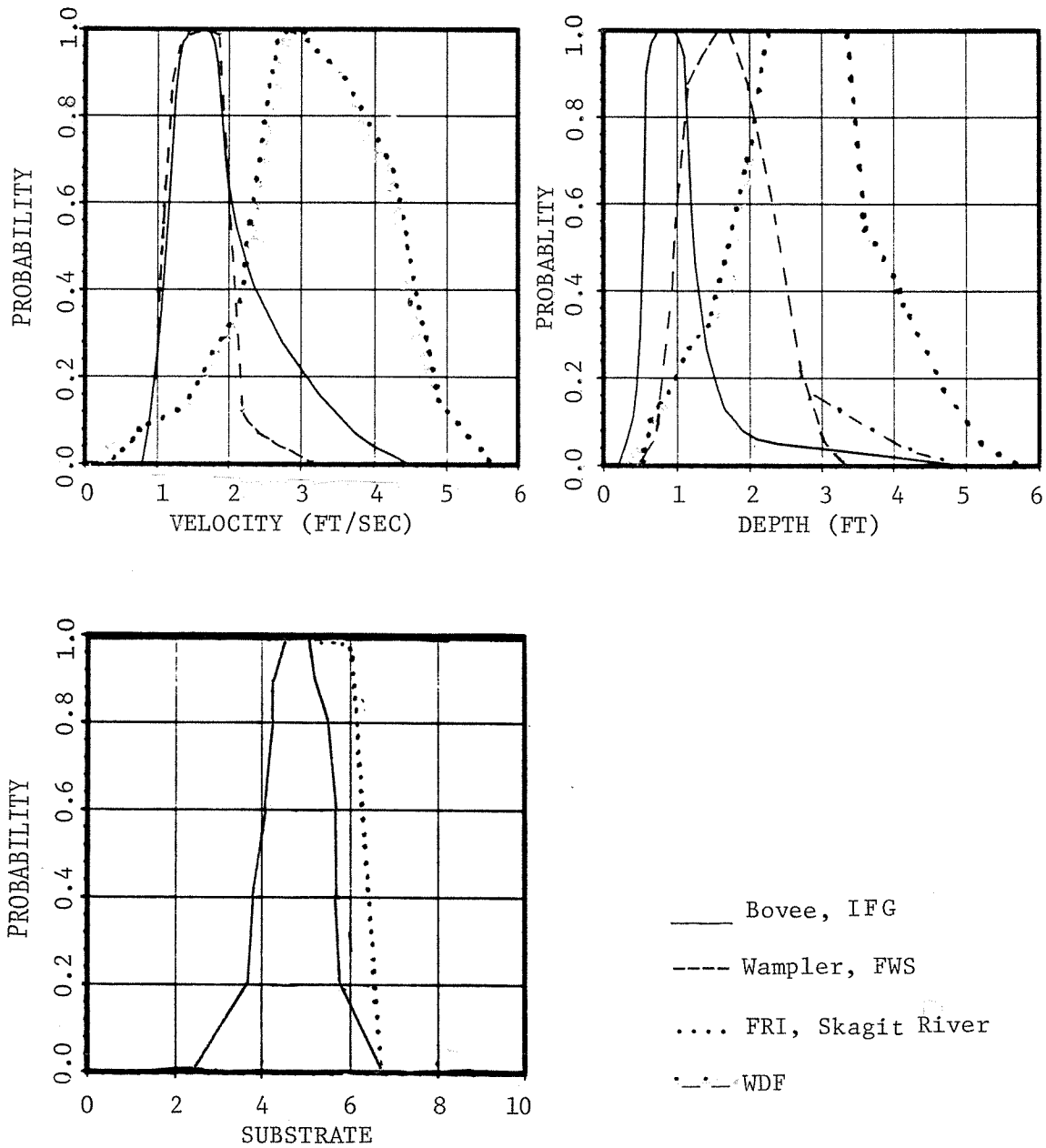


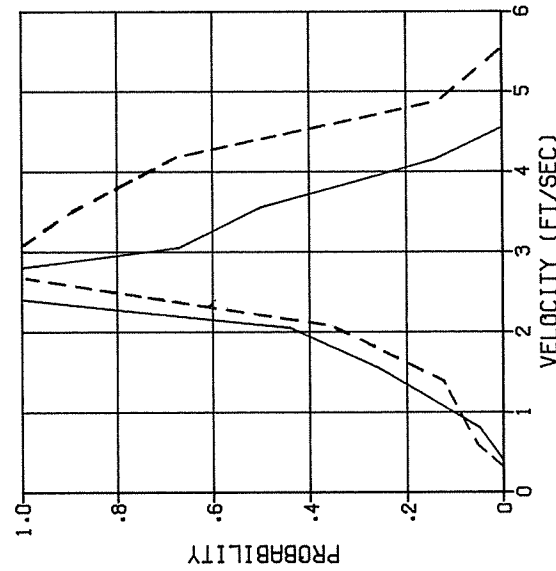
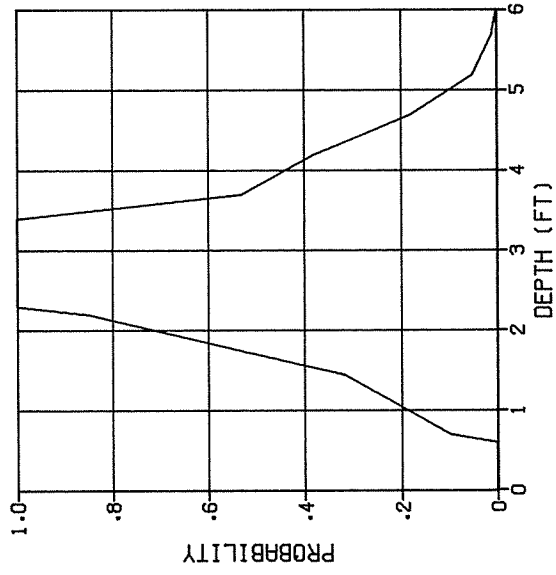
Figure 1. Velocity, depth and substrate probability of use criteria for fall spawning chinook.

Table 1. Habitat probability of use coordinates for chinook salmon spawning. Substrate curve coordinates recoded to Washington classification system.

<u>Depth</u>		<u>Velocity</u>		<u>Substrate</u>			
<u>FRI</u>		<u>FRI</u>		<u>IFG</u>		<u>FRI</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.40	0.00	0.30	0.00	2.5	0	2.5	0
0.70	0.10	0.60	0.06	3.6	0.2	3.6	0.2
1.45	0.32	1.40	0.13	3.8	0.4	3.8	0.4
2.20	0.85	2.10	0.36	4.1	0.6	4.1	0.6
2.30	1.00	2.70	1.00	4.3	0.8	4.3	0.8
3.20	1.00	3.10	1.00	4.3	0.9	4.3	0.9
3.40	1.00	3.50	0.90	4.6	1.0	4.6	1.0
3.70	0.53	4.20	0.68	5.0	1.0	5.0	1.0
4.20	0.38	4.90	0.14	5.2	0.9	6.0	1.0
4.70	0.18	5.60	0.00	5.4	0.8	6.1	0.8
5.20	0.05			5.6	0.6	6.2	0.6
5.70	0.01			5.7	0.4	6.3	0.4
6.00	0.00			5.8	0.2	6.4	0.2
100.00	0.00			6.6	0.0	6.6	0.0

<u>Depth</u>		<u>Velocity</u>			
<u>FWS-WDF</u>	<u>WDF</u>	<u>FWS-WDF</u>	<u>WDF</u>	<u>FWS</u>	
<u>X</u>	<u>X'</u>	<u>Y</u>	<u>Y'</u>	<u>X</u>	<u>Y</u>
		0.0		0.75	0.0
		0.08		0.90	0.16
		0.40		1.00	0.40
		0.60		1.10	0.60
		0.88		1.20	0.84
		1.00		1.40	0.96
		1.00		1.60	1.0
		0.88		1.80	1.0
		0.60		1.90	0.8
		0.20		2.0	0.6
		0.07	(0.14)	2.1	0.2
	(4.00)	0.00	(0.05)	2.2	0.4
100.0	(5.00)	0.00		2.4	0.08
(100.0)		(0.00)		3.25	0.00
				100.0	0.00

CHINOOK SALMON  
SPAWNING



— nose velocity  
- - - mean water column velocity

Figure 2. Velocity and depth probability of use criteria for spawning chinook salmon in the Skagit River.

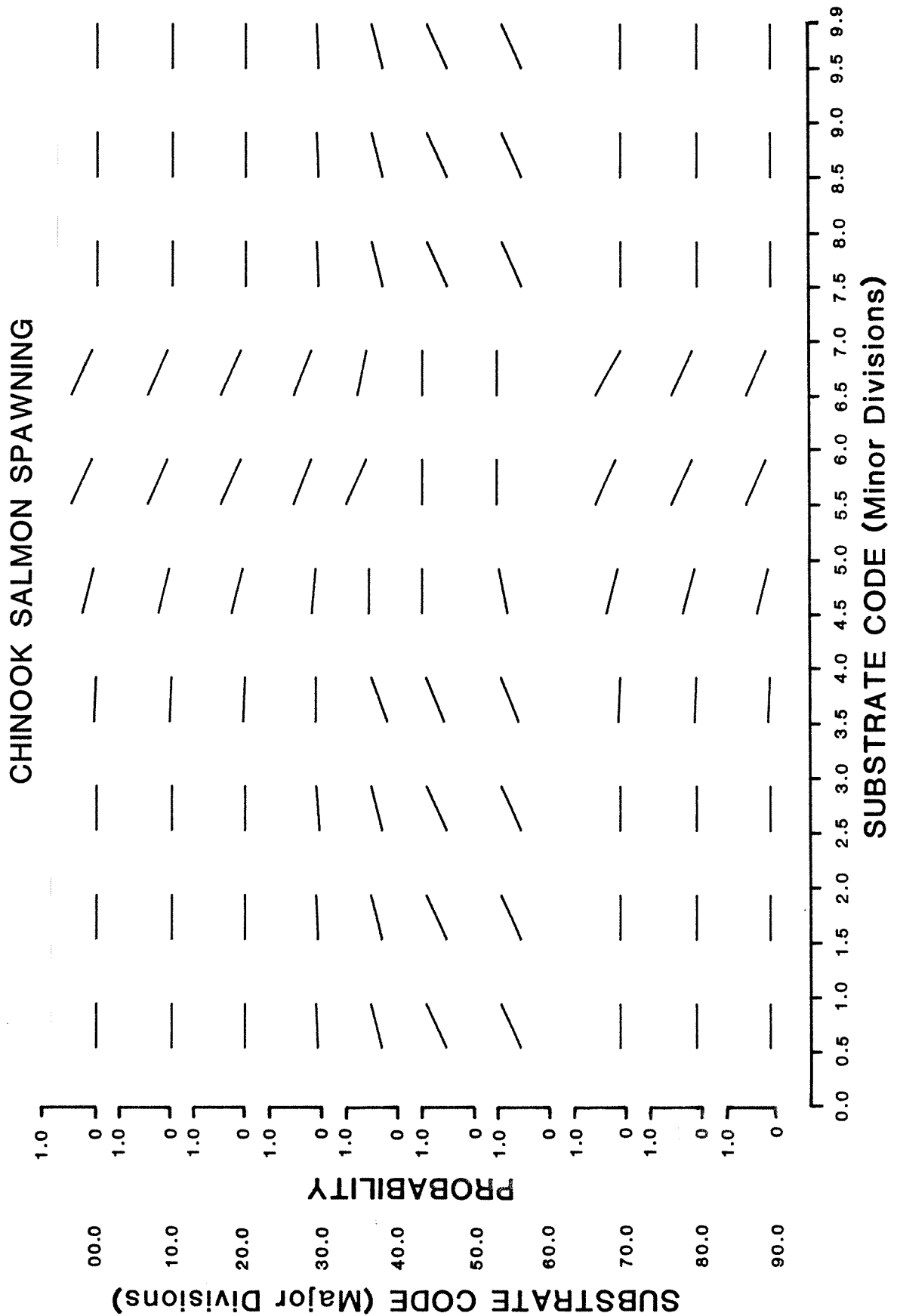


Figure 3. Substrate probability of use criteria (Washington State Coding System) for spawning chinook salmon in the Skagit River.

Chinook Fry

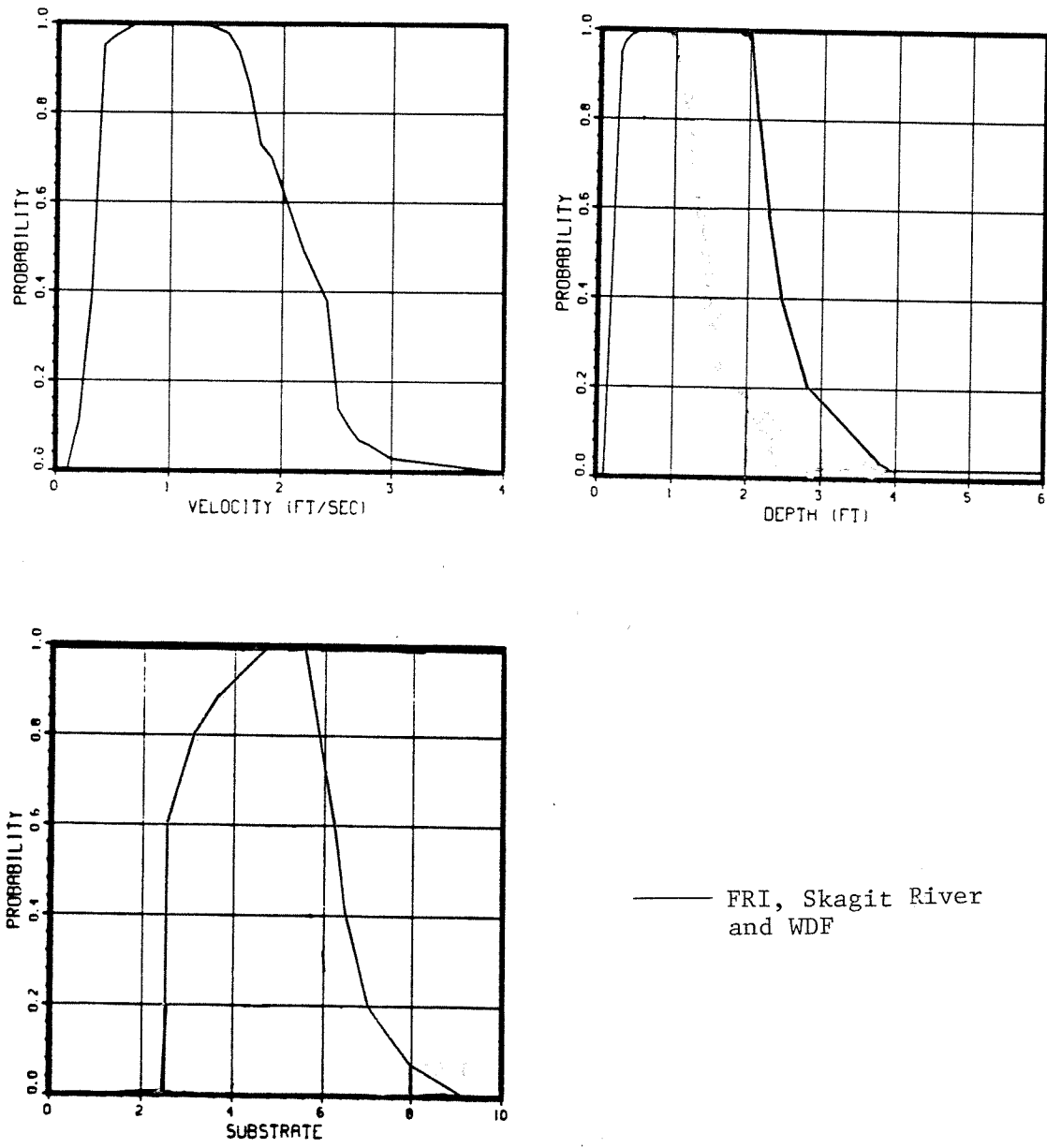


Figure 4. Velocity, depth and substrate probability of use criteria for chinook fry.

CHINOOK SALMON  
FRY

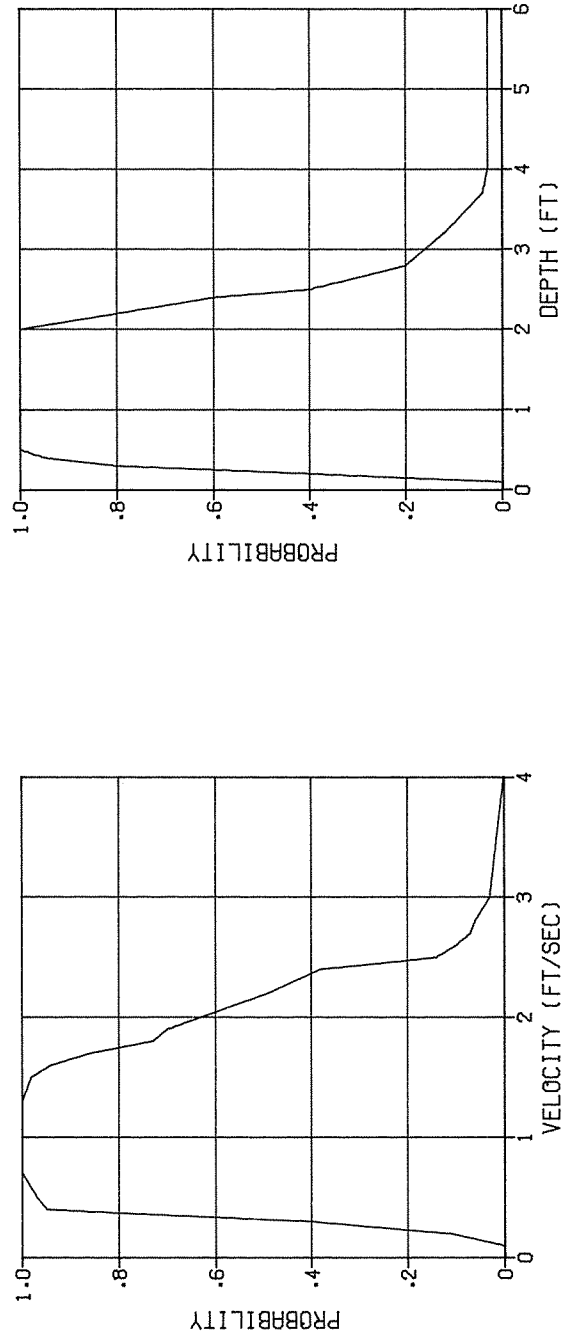


Figure 5. Velocity and depth probability of use criteria for chinook salmon fry in the Skagit River.

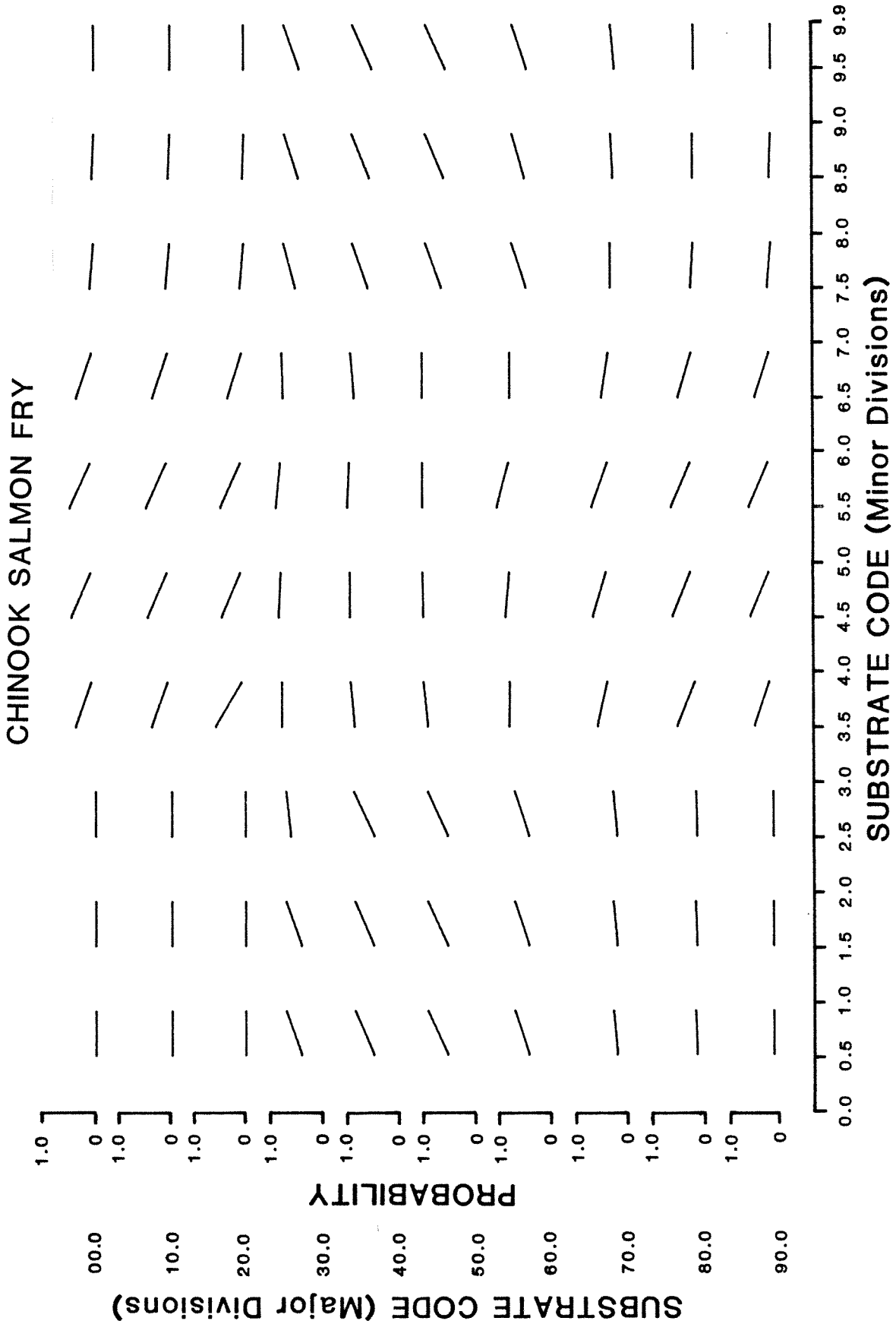


Figure 6. Substrate probability of use criteria (Washington State Coding System) for chinook salmon fry in the Skagit River.

Table 2. Habitat probability of use coordinates for chinook salmon fry. Substrate curve coordinates recoded to Washington classification system.

<u>Velocity</u>		<u>Depth</u>		<u>Substrate</u>	
<u>FRI and WDF</u>		<u>FRI and WDF</u>		<u>FRI</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
Same as IFG		0.1	0	2.5	0
rainbow		0.15	0.2	2.5	0.2
juvenile		0.2	0.4	2.5	0.4
curve.		0.25	0.6	2.5	0.6
		0.30	0.8	3.1	0.8
		0.4	0.95	3.6	0.9
		0.5	1.0	4.3	1.0
		2.0	1.0	5.6	1.0
		2.2	0.8	6.1	0.6
		2.4	0.6	6.3	0.4
		2.5	0.4	7.0	0.2
		2.8	0.2	8.0	0.08
		3.2	0.12	9.0	0.0
		3.7	0.04		
		4.0	0.03		
		6.0	0.03		
		100.0	0		

in these studies and were used in a partial IFIM analysis.

Pink salmon/spawning. Three sets of curves for pink salmon are presented in Figure 7 and Table 3. The analysts and sources of data, respectively, were as follows: FRI, Skagit River (1); WDF, staff concensus (7); and P. Wampler, western Washington rivers (8). The Skagit curves indicated that pink salmon in the Skagit spawn at slightly higher velocities and on larger substrate but at significantly greater depths than fish observed in the other river systems. The Skagit River data for depth and nose versus mean column velocity (Figure 8) and the substrate criterion in Figure 9 were used in the IFIM analysis.

Pink salmon/fry. No criteria were developed due to the short time these fry spend in the river.

Chum salmon/spawning. Three sets of curves for chum salmon spawning are presented in Figure 10 and Table 4. The analysts and sources of data, respectively, were as follows: FRI, Skagit River (1); WDF, staff concensus (7); and P. Wampler, FWS, western Washington streams (9). The Skagit criteria in Figure 10 include data collected from side channels and mainstem areas. The lower velocities and greater depths of the Skagit criteria as compared to the other sets of criteria reflect the influence of side channel data. The Skagit River data for depth and nose versus mean column velocity for the mainstem (Figure 11) and side channel (Figure 12) and the substrate criterion in Figure 13 were used in the IFIM analysis.

Chum salmon/fry. No criteria were developed due to the short time these fry spend in the river.

Steelhead trout/spawning. Three sets of curves for steelhead trout spawning are presented in Figure 14 and Table 5. The analysts and sources of data, respectively, were as follows: FRI, Skagit (1); P. Wampler, FWS, Washington State (13); and IFG, Washington State (13). The Skagit curves

# PINK SALMON

## SPAWNING

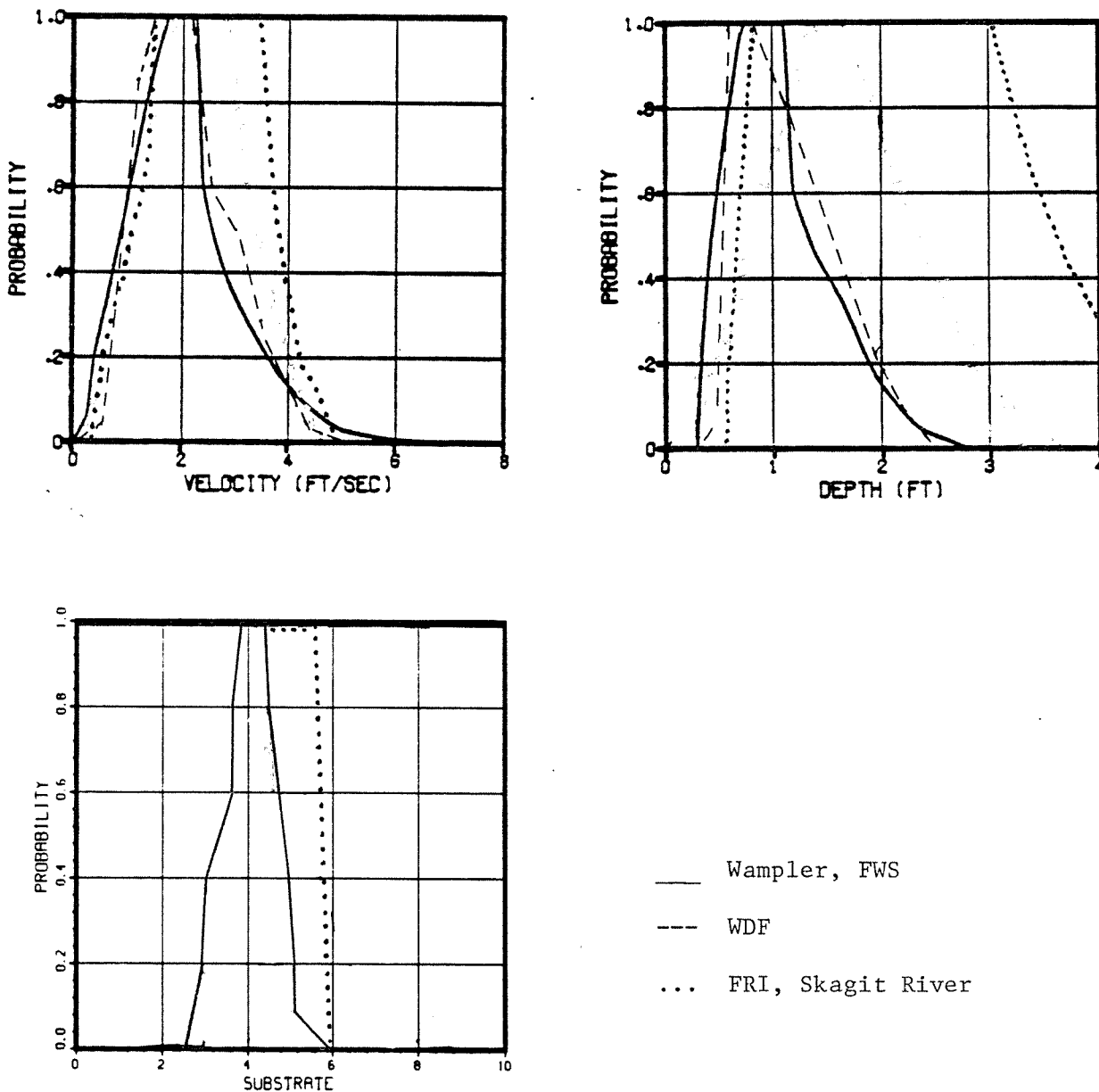


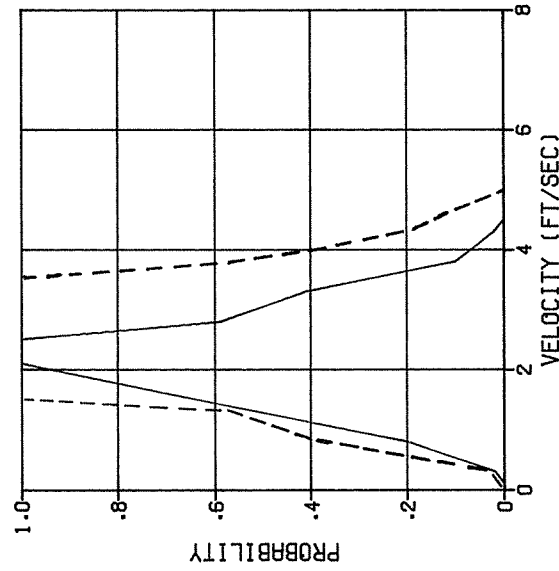
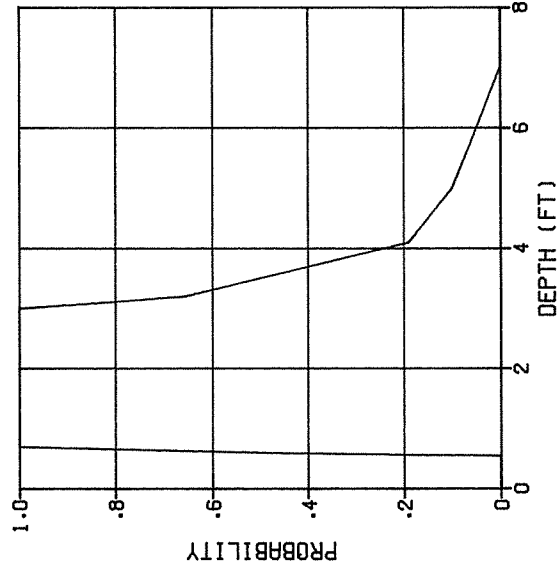
Figure 7. Velocity, depth and substrate probability of use criteria for spawning pink salmon.

Table 3. Habitat probability of use coordinates for pink salmon spawning. Substrate curve coordinates recoded to Washington classification system.

<u>Depth</u>		<u>Velocity</u>		<u>Depth</u>		<u>Velocity</u>	
<u>FRI</u>		<u>FRI</u>		<u>WDF</u>		<u>WDF</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.60	0.50	0.30	0.03	0.30	0.00	0.50	0.38
1.10	1.00	0.80	0.38	0.43	0.75	1.25	0.85
1.60	1.00	1.30	0.57	0.50	0.90	1.50	0.98
2.10	1.00	1.80	1.00	0.60	1.00	1.60	1.00
2.60	1.00	2.30	1.00	0.80	1.00	2.20	1.00
3.10	1.00	2.80	1.00	1.08	0.80	2.50	0.82
3.60	0.48	3.30	1.00	1.32	0.60	3.00	0.50
4.10	0.19	3.80	0.57	1.62	0.40	3.50	0.30
4.30	0.17	4.30	0.20	2.00	0.19	4.15	0.13
7.00	0.00	4.60	0.12	2.25	0.09	4.50	0.07
		4.70	0.00	2.50	0.03	5.00	0.00
		100.00	0.00	2.80	0.00	100.00	0.00
				100.00	0.00		

<u>Depth</u>		<u>Velocity</u>		<u>Substrate</u>			
<u>FWS</u>		<u>FWS</u>		<u>FWS and WDF</u>		<u>FRI</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.00	0.00	0.00	0.00	2.5	0	2.5	0
0.30	0.00	0.25	0.06	3.1	0.2	3.1	0.2
0.40	0.40	0.40	0.20	3.1	0.4	3.1	0.4
0.60	0.80	0.60	0.32	3.6	0.6	3.6	0.6
0.75	1.00	1.70	0.98	3.6	0.8	3.6	0.8
1.10	1.00	1.75	1.00	3.8	1.0	3.8	1.0
1.20	0.60	2.25	1.00	4.3	1.0	5.6	1.0
1.40	0.46	2.40	0.60	4.5	0.8	5.8	0.6
1.60	0.37	2.80	0.40	4.7	0.6	6.0	0.0
2.00	0.15	4.25	0.10	4.9	0.4		
2.40	0.04	5.00	0.03	4.9	0.2		
2.60	0.02	5.80	0.01	5.0	0.1		
2.80	0.00	6.95	0.00	5.8	0		
100.00	0.00	100.00	0.00				

# PINK SALMON SPAWNING



— nose velocity  
- - - mean water column velocity

Figure 8. Velocity and depth probability of use criteria for spawning pink salmon in the Skagit River.

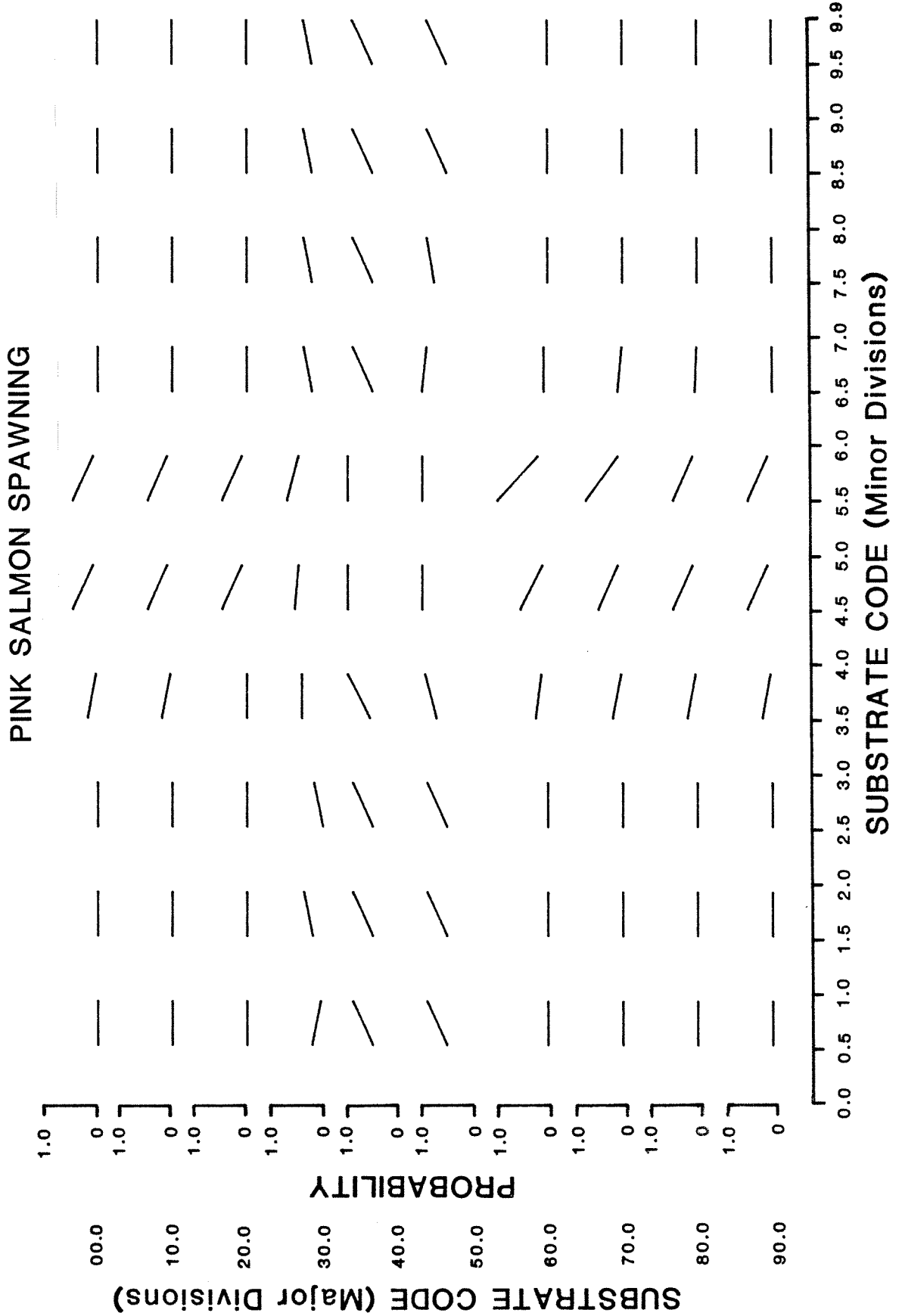


Figure 9. Substrate probability of use criteria (Washington State Coding System) for spawning pink salmon in the Skagit River.

# CHUM SALMON

## SPAWNING

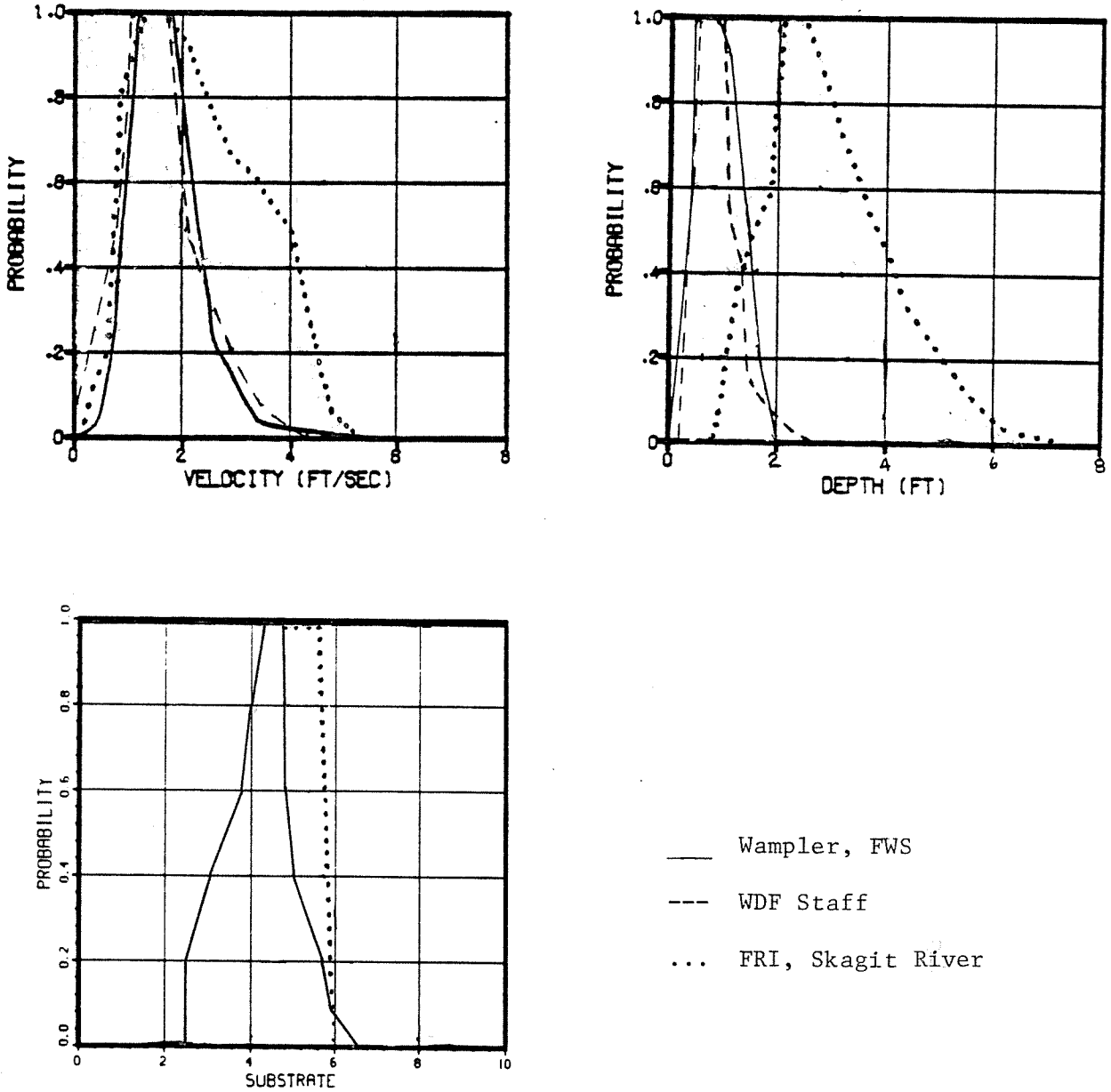


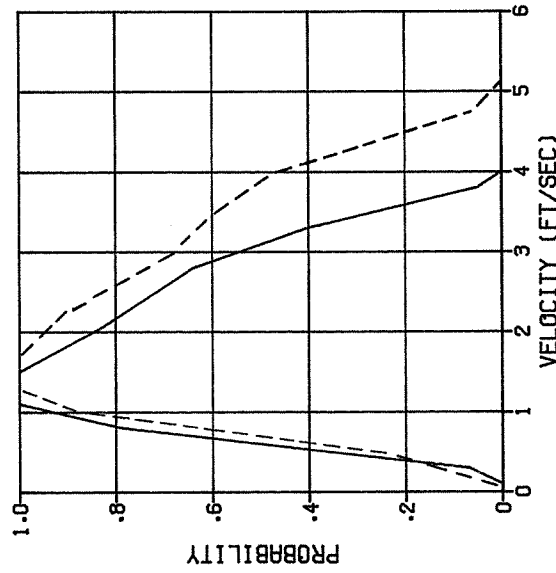
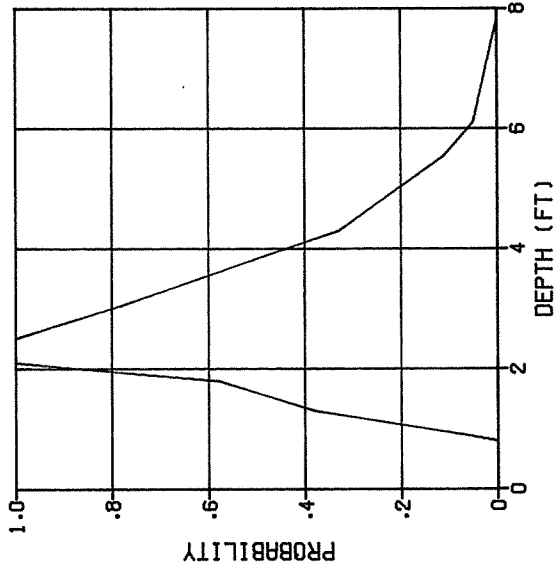
Figure 10. Velocity, depth and substrate probability of use criteria for spawning chum salmon.

Table 4. Habitat probability of use coordinates for chum salmon spawning. Substrate curve coordinates recoded to Washington classification system.

<u>Depth</u>		<u>Velocity</u>		<u>Depth</u>		<u>Velocity</u>	
<u>FRI</u>		<u>FRI</u>		<u>WDF</u>		<u>WDF</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.08
0.80	0.00	0.30	0.10	0.25	0.00	0.75	0.50
1.30	0.38	1.05	0.89	0.30	0.40	1.00	0.82
1.80	0.58	2.05	0.94	0.45	0.70	1.10	1.00
2.30	1.00	3.05	0.67	0.60	1.00	1.70	1.00
3.05	0.78	4.05	0.44	1.00	1.00	1.80	0.80
4.05	0.42	4.80	0.04	1.05	0.80	2.10	0.52
5.05	0.20	5.00	0.02	1.13	0.60	3.00	0.20
5.80	0.09	100.00	0.00	1.30	0.40	3.50	0.08
6.30	0.05			1.65	0.15	4.50	0.00
6.50	0.04			2.25	0.04	100.00	0.00
100.00	0.00			2.60	0.00		
				100.00	0.00		

<u>Depth</u>		<u>Velocity</u>		<u>Substrate</u>		<u>FRI</u>	
<u>FWS</u>		<u>FWS</u>		<u>FWS and WDF</u>		<u>FRI</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.0	0.0	0.0	0.00	2.5	0	2.5	0
0.30	0.0	0.20	0.01	2.5	0.2	2.5	0.2
0.35	0.40	0.40	0.03	3.1	0.4	3.1	0.4
0.40	0.52	0.50	0.06	3.8	0.6	3.8	0.6
0.45	0.68	0.60	0.13	4.0	0.8	4.0	0.8
0.50	0.84	0.70	0.19	4.3	1.0	4.3	1.0
0.55	1.00	0.80	0.34	4.7	1.0	4.7	1.0
0.90	1.00	0.90	0.50	4.8	0.8	5.6	1.0
0.95	0.98	1.10	0.82	4.8	0.6	5.8	0.6
1.00	0.97	1.20	1.00	4.9	0.4	6.0	0.0
1.05	0.96	1.80	1.00	5.6	0.2		
1.10	0.93	1.90	0.90	5.8	0.1		
1.20	0.86	2.00	0.80	6.5	0.0		
1.30	0.72	2.30	0.50				
1.50	0.50	2.50	0.33				
1.60	0.41	2.60	0.23				
1.65	0.23	2.70	0.20				
1.70	0.15	2.80	0.18				
1.75	0.11	3.20	0.08				
1.80	0.10	3.30	0.06				
1.90	0.08	3.40	0.04				
2.00	0.06	3.60	0.03				
2.60	0.01	4.80	0.01				
2.90	0.00	5.50	0.00				
100.0	0.00	100.0	0.00				

CHUM SALMON  
SPAWNING



— nose velocity  
 - - - - mean water column velocity

Figure 11. Velocity and depth probability of use criteria for spawning chum salmon in the mainstem of the Skagit River.

CHUM SALMON  
SPAWNING

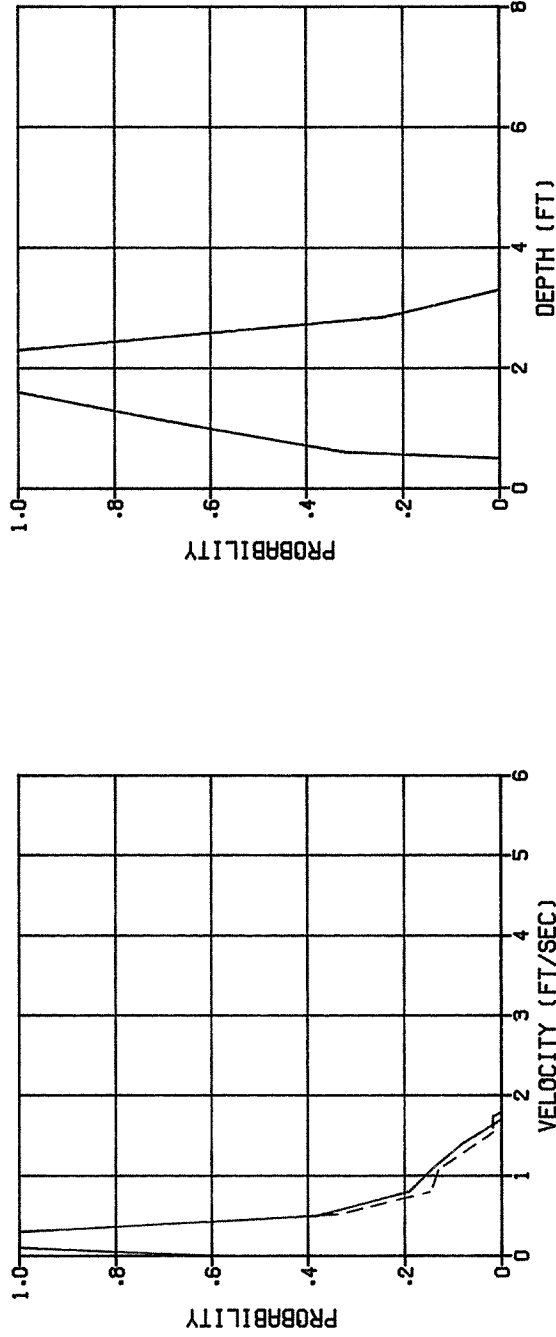


Figure 12. Velocity and depth probability of use criteria for spawning chum salmon in side channels of the Skagit River.

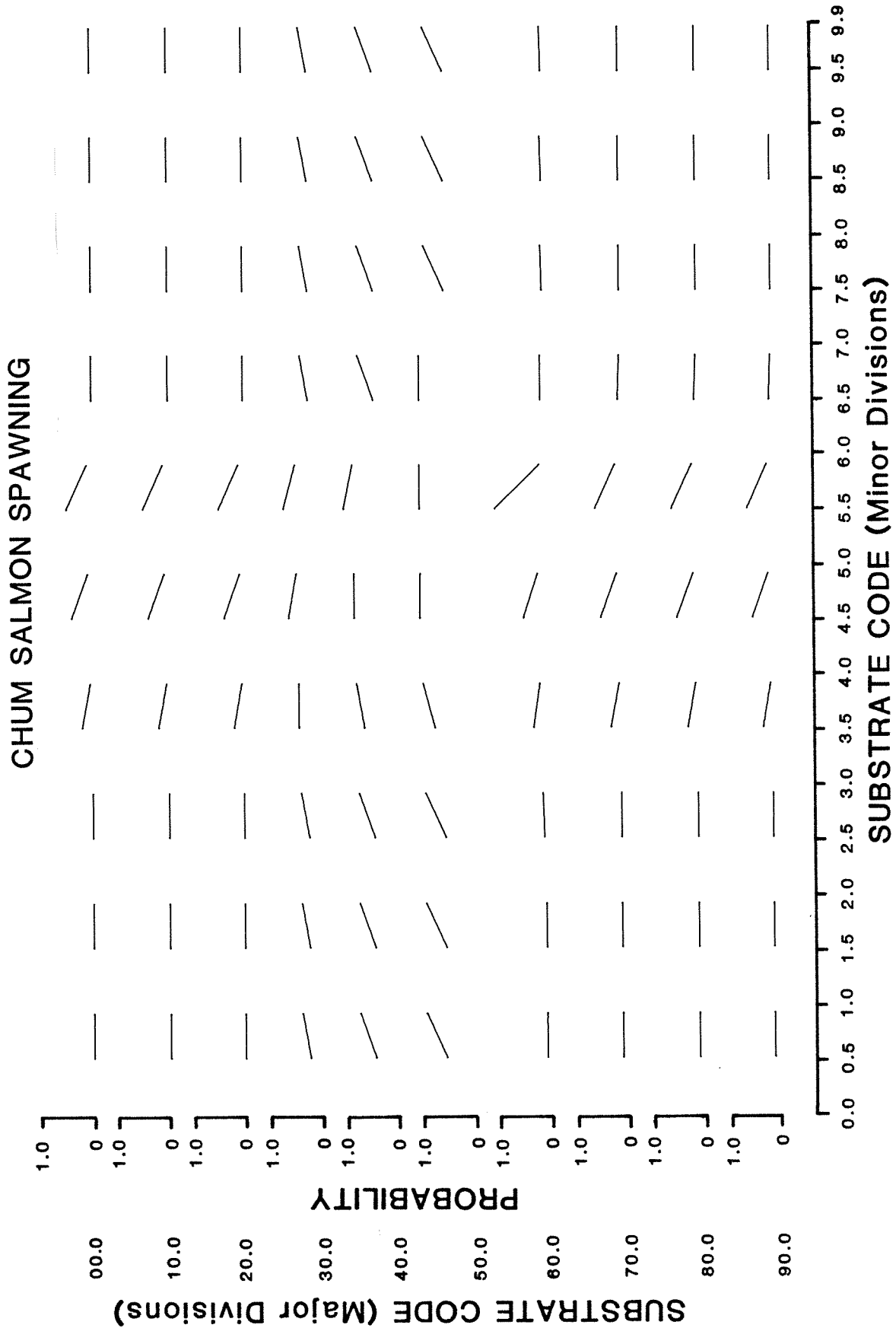


Figure 13. Substrate probability of use criteria (Washington State Coding System) for spawning chum salmon in the Skagit River.

WINTER STEELHEAD  
SPAWNING

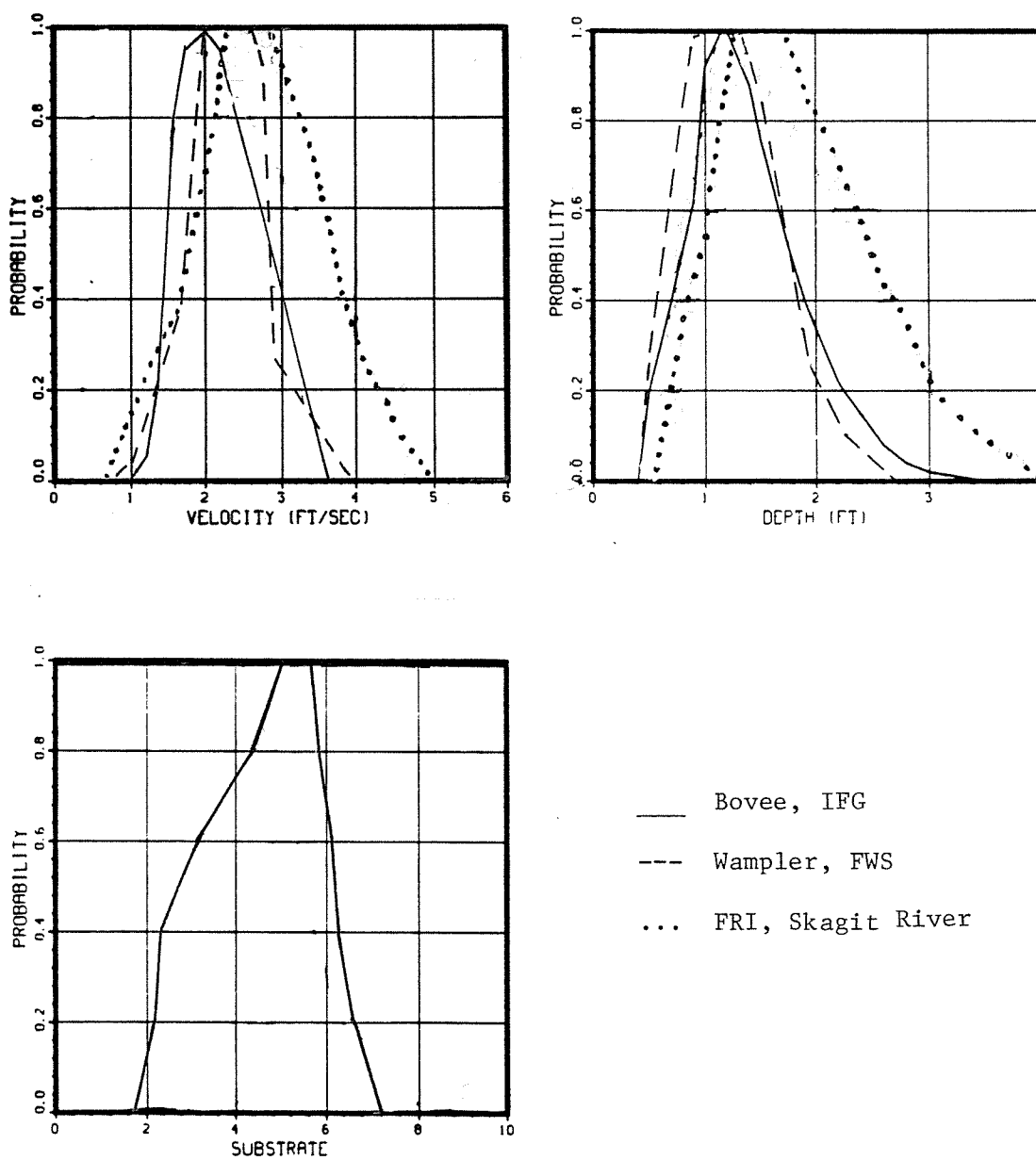


Figure 14. Velocity, depth and substrate probability of use criteria for winter spawning steelhead.

Table 5. Habitat probability of use coordinates for steelhead spawning. Substrate curve coordinates recoded to Washington classification system.

<u>Depth</u>		<u>Velocity</u>		<u>Velocity</u>		<u>Depth</u>		<u>Substrate</u>	
<u>FRI</u>		<u>FRI</u>		<u>FWS</u>		<u>FWS</u>		<u>IFG</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.5	0	0.7	0	0.8	0.0	0.4	0.0	1.7	0
1.0	0.55	1.1	0.17	1.0	0.05	0.5	0.24	2.1	0.2
1.5	1.0	1.6	0.37	1.2	0.12	0.8	0.96	2.2	0.4
2.0	0.82	2.1	0.77	1.4	0.2	0.85	0.99	3.1	0.6
2.5	0.54	2.6	1.0	1.5	0.26	0.90	1.00	4.3	0.8
3.0	0.22	3.4	0.73	1.6	0.36	1.3	1.00	5.0	1.0
3.5	0.09	4.1	0.28	1.9	0.92	1.4	0.97	5.6	1.0
4.0	0.0	4.6	0.11	1.95	0.98	1.5	0.84	5.8	0.8
				2.0	1.00	1.8	0.34	6.1	0.6
				2.6	1.00	1.9	0.26	6.3	0.4
				2.65	0.98	2.3	0.10	6.6	0.2
				2.7	0.92	2.7	0.0	7.1	0.0
				2.8	0.48	100.0	0.0		
				2.9	0.32				
				3.0	0.28				
				3.2	0.20				
				3.5	0.13				
				3.8	0.07				
				4.2	0.0				
				100.0	0.0				

indicate that steelhead spawn at slightly greater depths and velocities than in other Washington streams, however, substrate preferences were similar. The Skagit River data for depth and nose versus mean column velocity (Figure 15) and the substrate criterion in Figure 16 were used in the IFIM analysis.

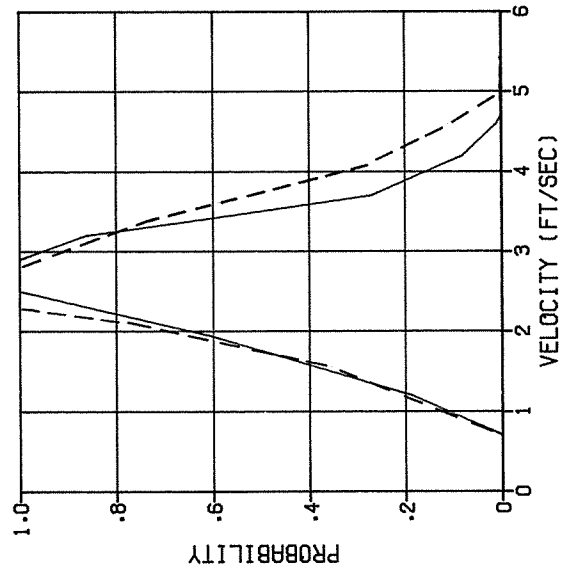
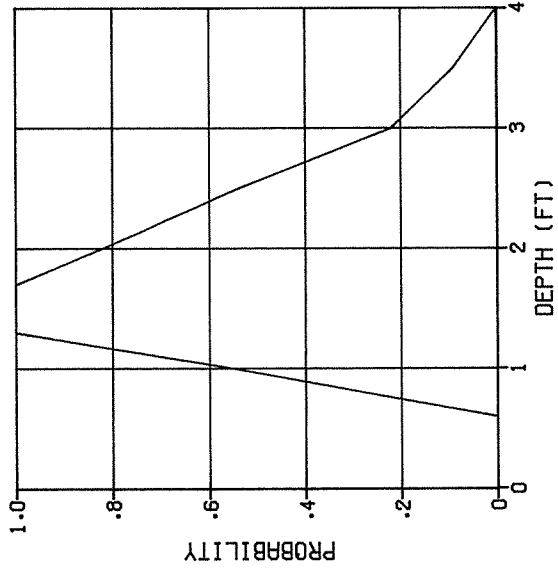
Steelhead trout/fry. The criteria developed (Figure 17 and Table 6) by the IFG for Idaho streams (15) appear consistent with field observations on the Skagit. The curves in Figures 18 and 19 were the final criteria selected and were used in a partial IFIM analysis.

Steelhead trout/juvenile. Two sets of depth and velocity criteria curves for steelhead juveniles are presented in Figure 20 and Table 7. The analysts and sources of data, respectively, for these curves were as follows: P. Wampler, FWS, Oregon streams (14); and IFG, Idaho streams (15). The Oregon stream data for depth and velocity (Figure 21) with the depth criteria modified on the recommendation of WDG staff such that depths greater than 0.7 ft were assigned a probability of 1.0. The depth and velocity criteria in Figure 21 and the IFG curve for substrate (Figure 22) were selected for use in a partial IFIM analysis.

Steelhead trout/adult. The IFG criteria for depth and substrate (Figure 23 and Table 8) based on previous WDG data (17) were modified on the recommendation of current WDG staff. The modifications to the depth curve were  $p=0.0$  at 1.0 ft and  $p=0.2$  at 2.0 ft and thereafter the new curve parallels the existing IFG curve. The right limb of the substrate curve was left open ended. The depth and velocity criteria in Figure 24 and the substrate criterion in Figure 25 were selected for use in a partial IFIM analysis.

Coho salmon/spawning. Two sets of depth and velocity criteria and a curve for substrate were available for coho salmon spawning (Figure 26 and

# STEELHEAD TROUT SPAWNING



— nose velocity  
 ---- mean water column velocity

Figure 15. Velocity and depth probability of use criteria for spawning steelhead trout in the Skagit River.

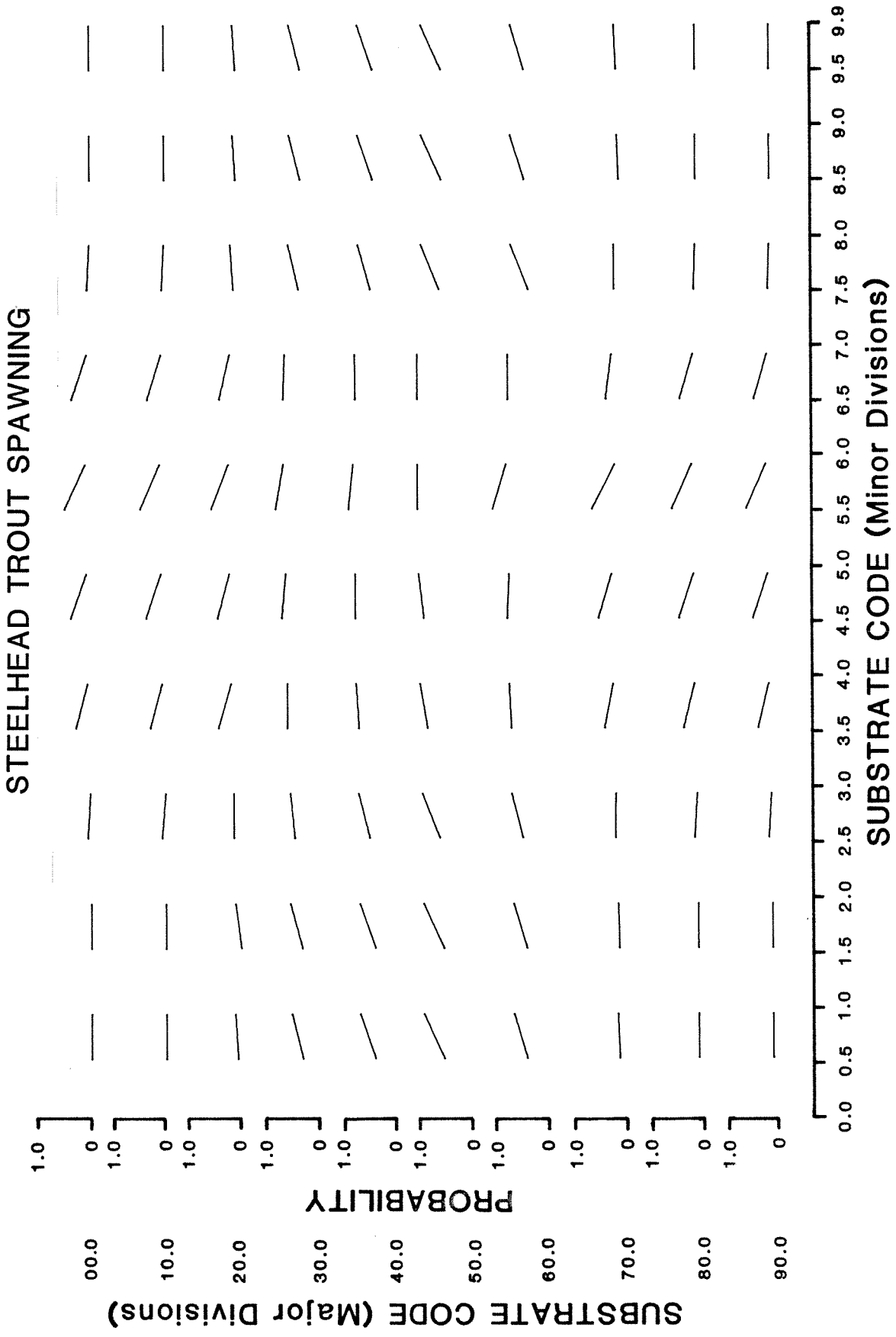


Figure 16. Substrate probability of use criteria (Washington State Coding System) for spawning steelhead trout in the Skagit River.

## WINTER STEELHEAD

## FRY

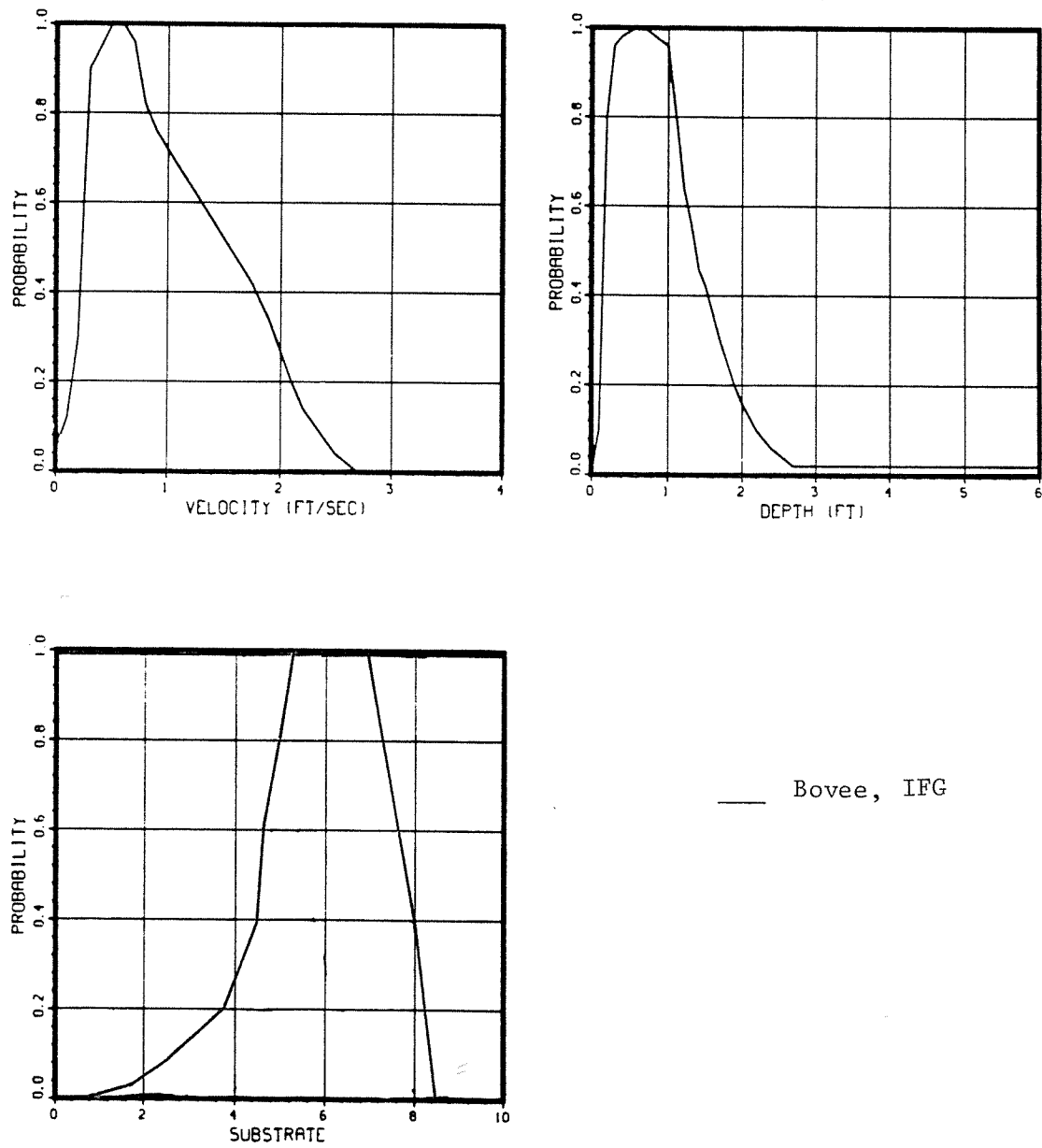


Figure 17. Velocity, depth and substrate probability of use criteria for winter steelhead fry.

Table 6. Steelhead fry substrate probability of use coordinates recoded to Washington classification system.

IFG	
X	Y
1.0	0
1.7	0.04
2.5	0.10
3.8	0.20
4.5	0.4
4.7	0.6
5.0	0.8
5.2	1.0
7.0	1.0
7.2	0.8
8.0	0.4
8.5	0.0

# STEELHEAD TROUT

## FRY

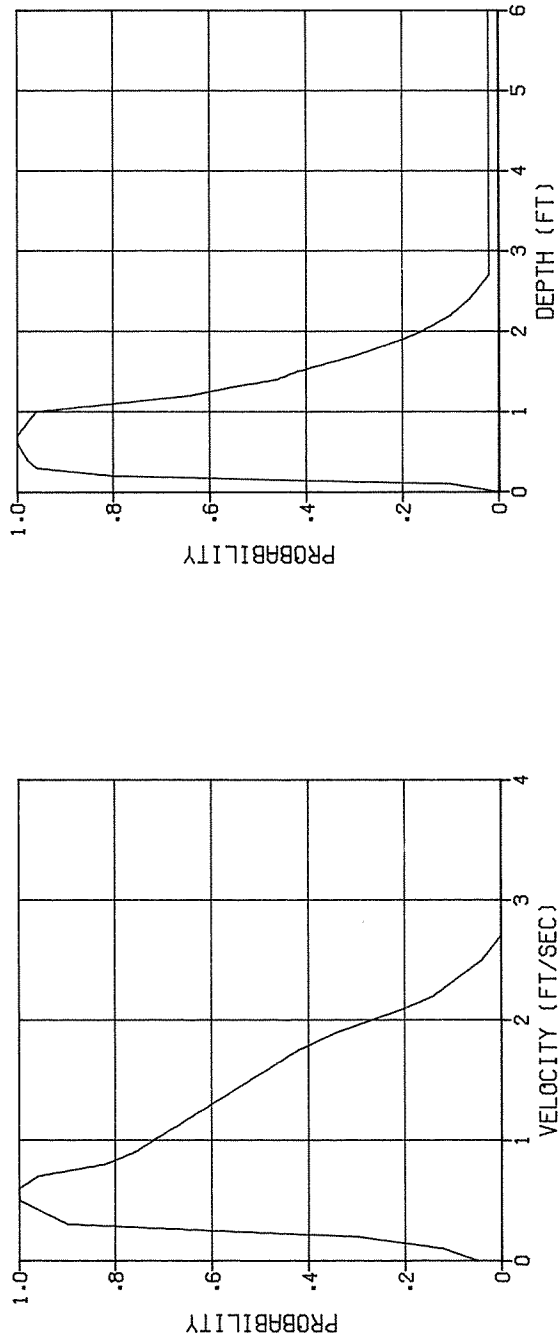


Figure 18. Velocity and depth probability of use criteria for steelhead trout fry.

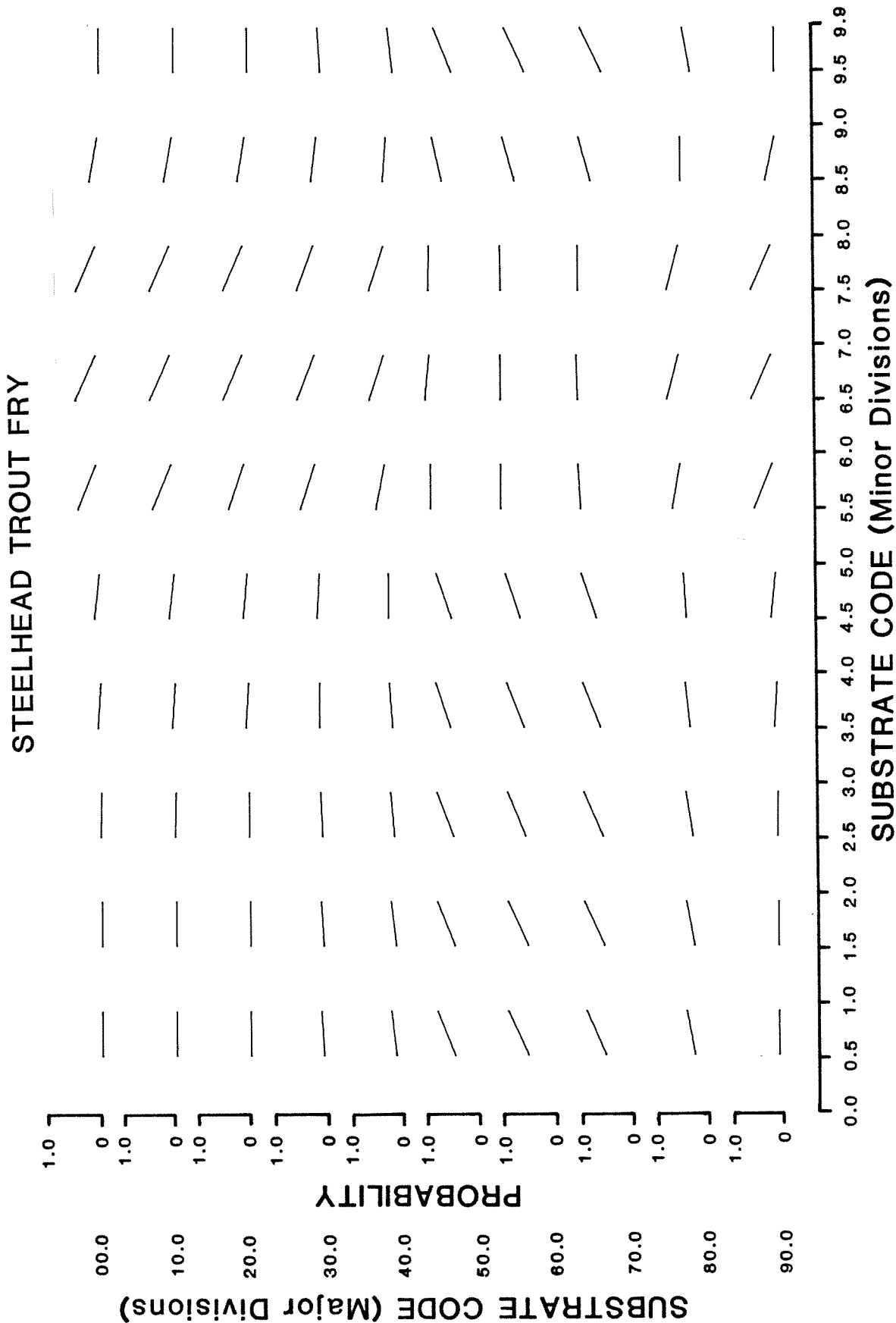


Figure 19. Substrate probability of use criteria (Washington State Coding System) for steelhead trout fry.

WINTER STEELHEAD

JUVENILE

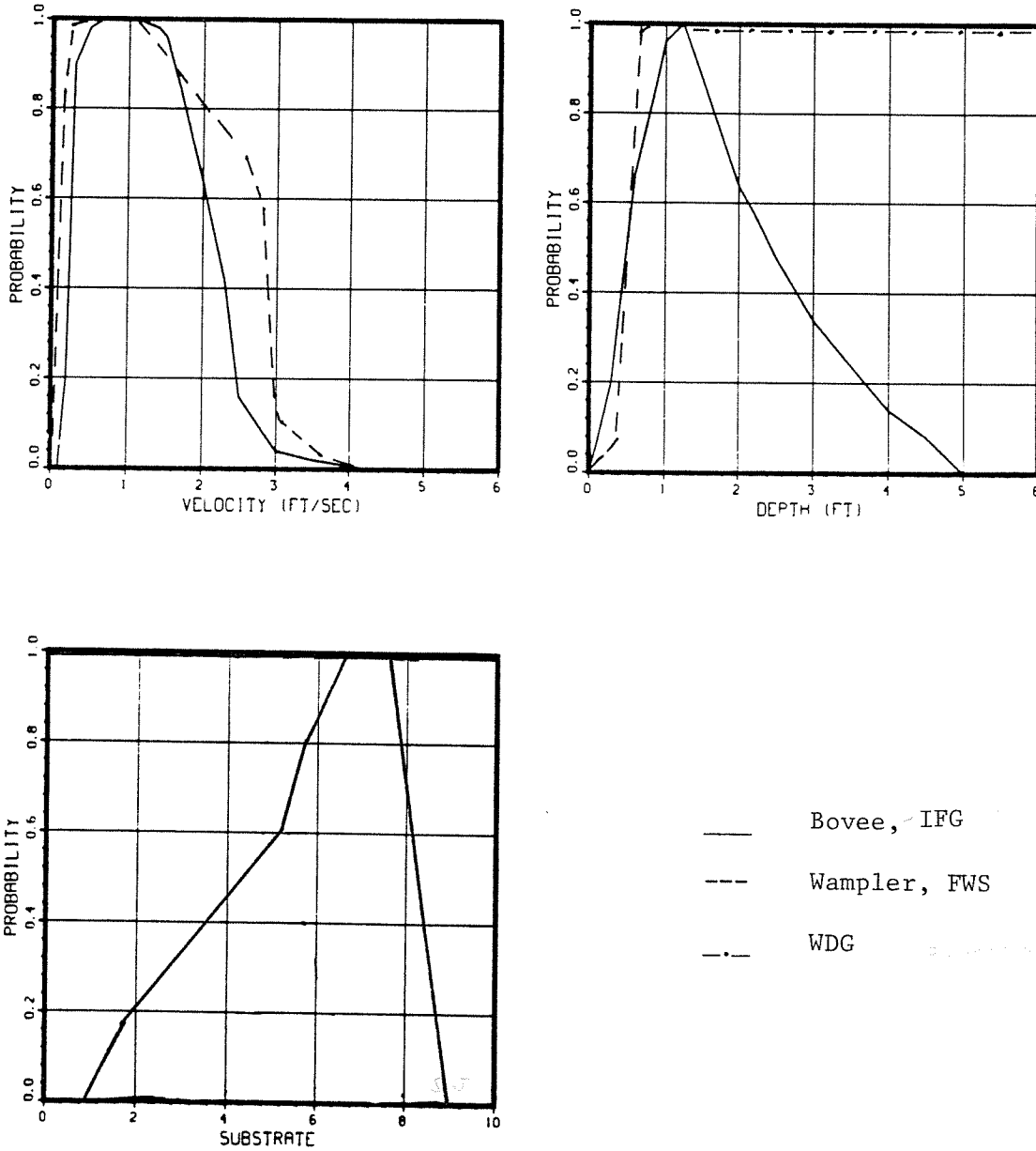


Figure 20. Velocity, depth and substrate probability of use criteria for winter juvenile steelhead.

Table 7. Habitat probability of use coordinates for steelhead trout juveniles. Substrate coordinates recoded to Washington classification system; WDG-recommended changes in parentheses.

<u>Depth</u>			<u>Velocity</u>		<u>Substrate</u>	
<u>FWS</u>		<u>WDG</u>	<u>FWS</u>		<u>IFG</u>	
<u>X</u>	<u>Y</u>	<u>Y'</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.00	0.00		0.01	0.00	1.0	0
0.20	0.03		0.20	0.84	1.7	0.18
0.30	0.05		0.25	0.97	2.5	0.4
0.40	0.36		0.30	1.00	5.2	0.6
0.50	0.65		0.80	1.00	5.8	0.8
0.65	0.98		1.00	0.97	6.6	1.0
0.70	1.00		1.60	0.87	7.5	1.0
10.0	1.00		2.00	0.81	9.0	0.0
11.0	0.00	(1.00)	2.60	0.68		
100.00	0.00	(1.00)	2.70	0.66		
			2.80	0.58		
			2.90	0.32		
			3.00	0.17		
			3.10	0.13		
			3.60	0.06		
			4.00	0.01		
			4.10	0.00		
			100.00	0.00		

STEELHEAD TROUT  
JUVENILES

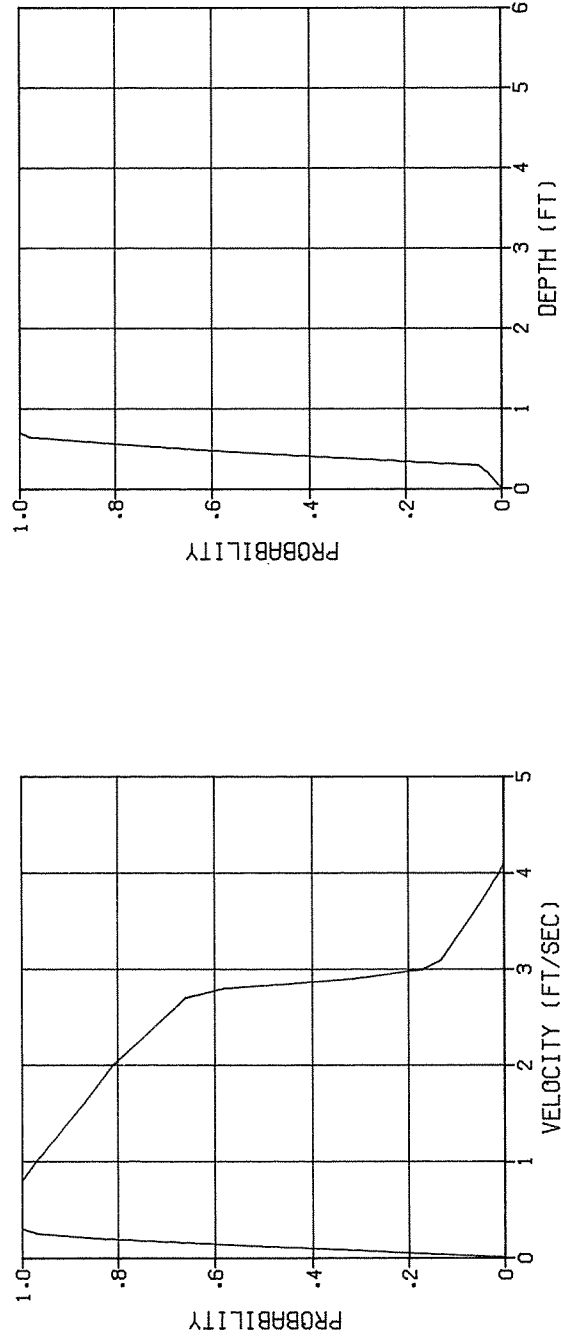


Figure 21. Velocity and depth probability of use criteria for steelhead trout juveniles.

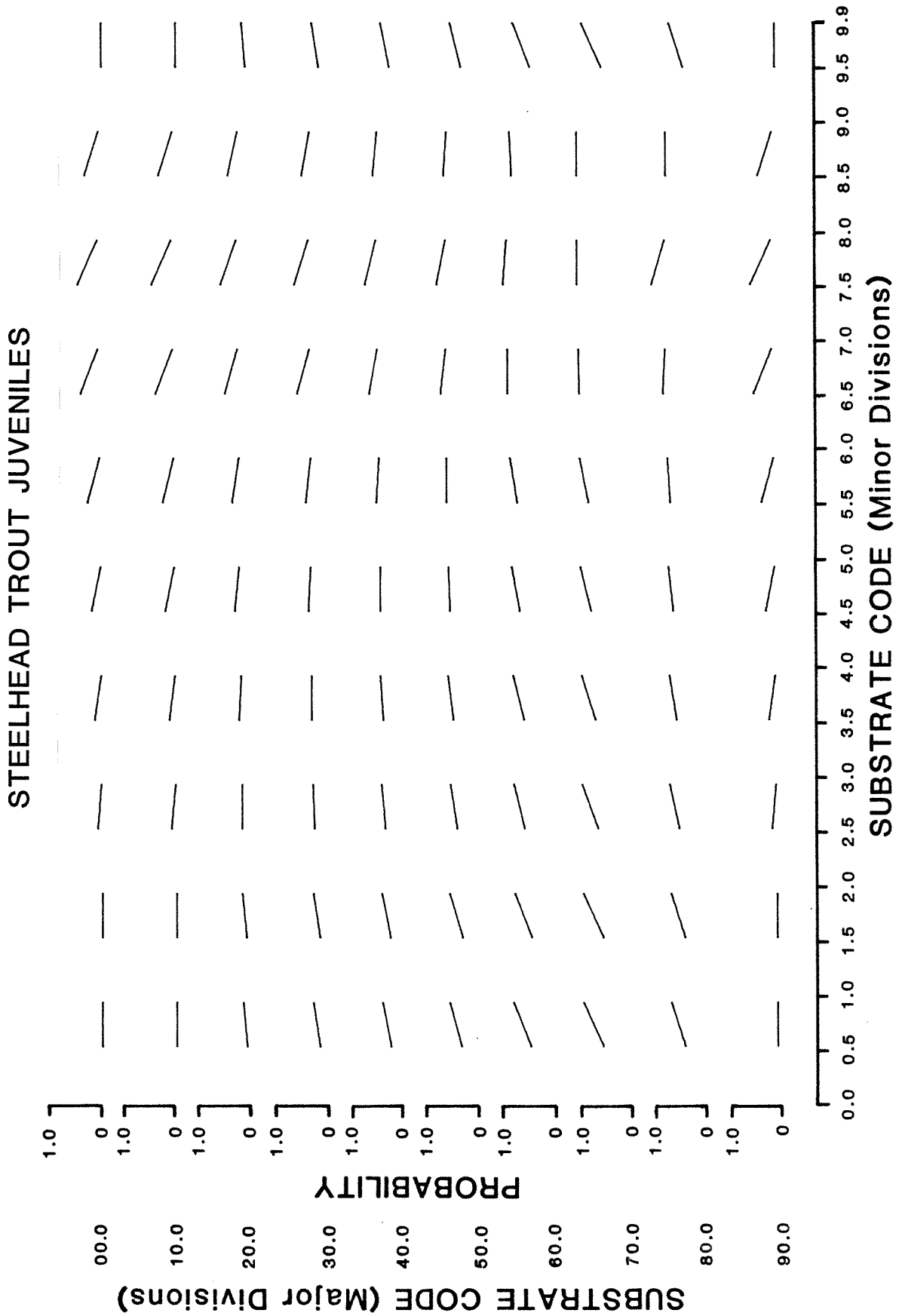


Figure 22. Substrate probability of use criteria (Washington State Coding System) for steelhead trout juveniles.

## WINTER STEELHEAD

## ADULT

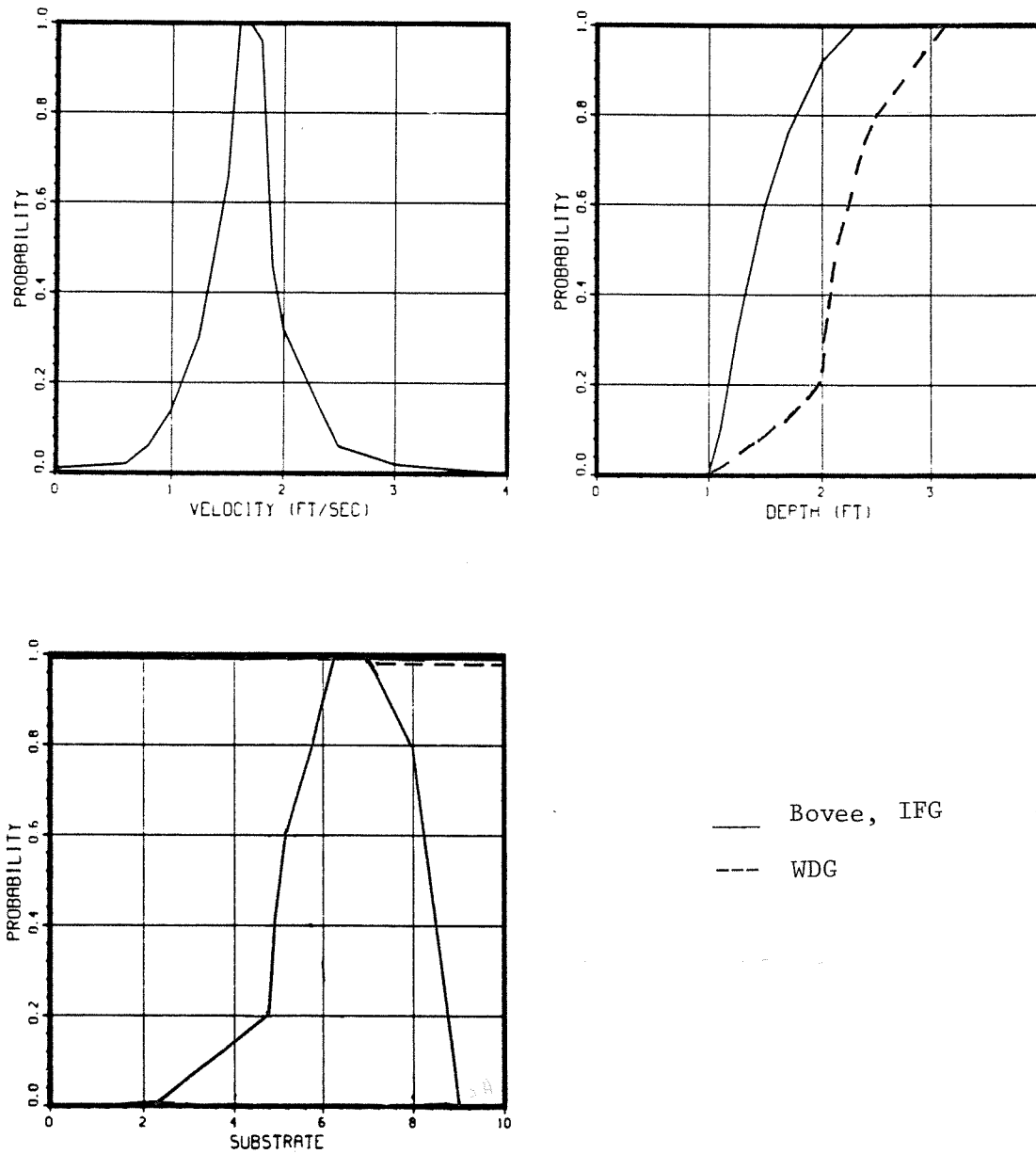


Figure 23. Velocity, depth and substrate probability of use criteria for winter adult steelhead.

Table 8. Habitat probability of use coordinates for steelhead trout adults. Substrate curve coordinates recoded to Washington classification system

<u>Depth</u>		<u>Substrate</u>			
<u>WDG</u>		<u>IFG</u>		<u>WDG</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
1.0	0	2.4	0	2.4	0
2.0	0.2	4.7	0.2	4.7	0.2
2.1	0.4	5.0	0.4	5.0	0.4
2.3	0.6	5.2	0.6	5.2	0.6
2.5	0.8	5.8	0.8	5.8	0.8
3.1	1.0	6.1	1.0	6.1	1.0
100.0	1.0	7.0	1.0	100.0	1.0
		8.0	0.8		
		9.0	0.0		

# STEELHEAD TROUT ADULTS

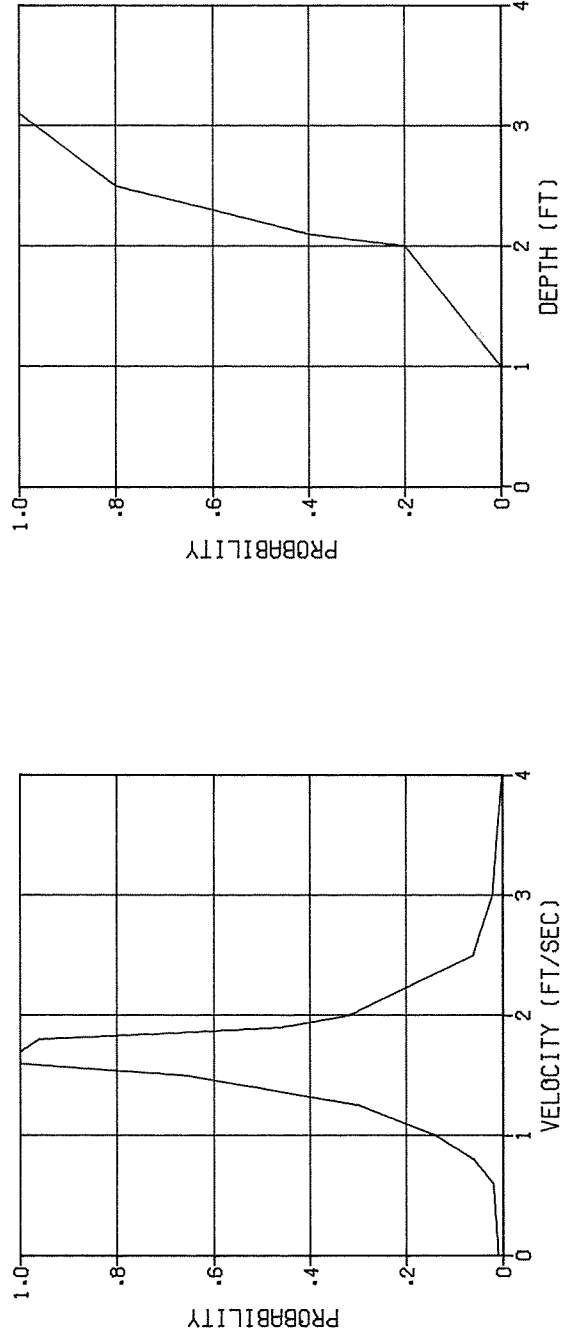


Figure 24. Velocity and depth probability of use criteria for steelhead trout adults.

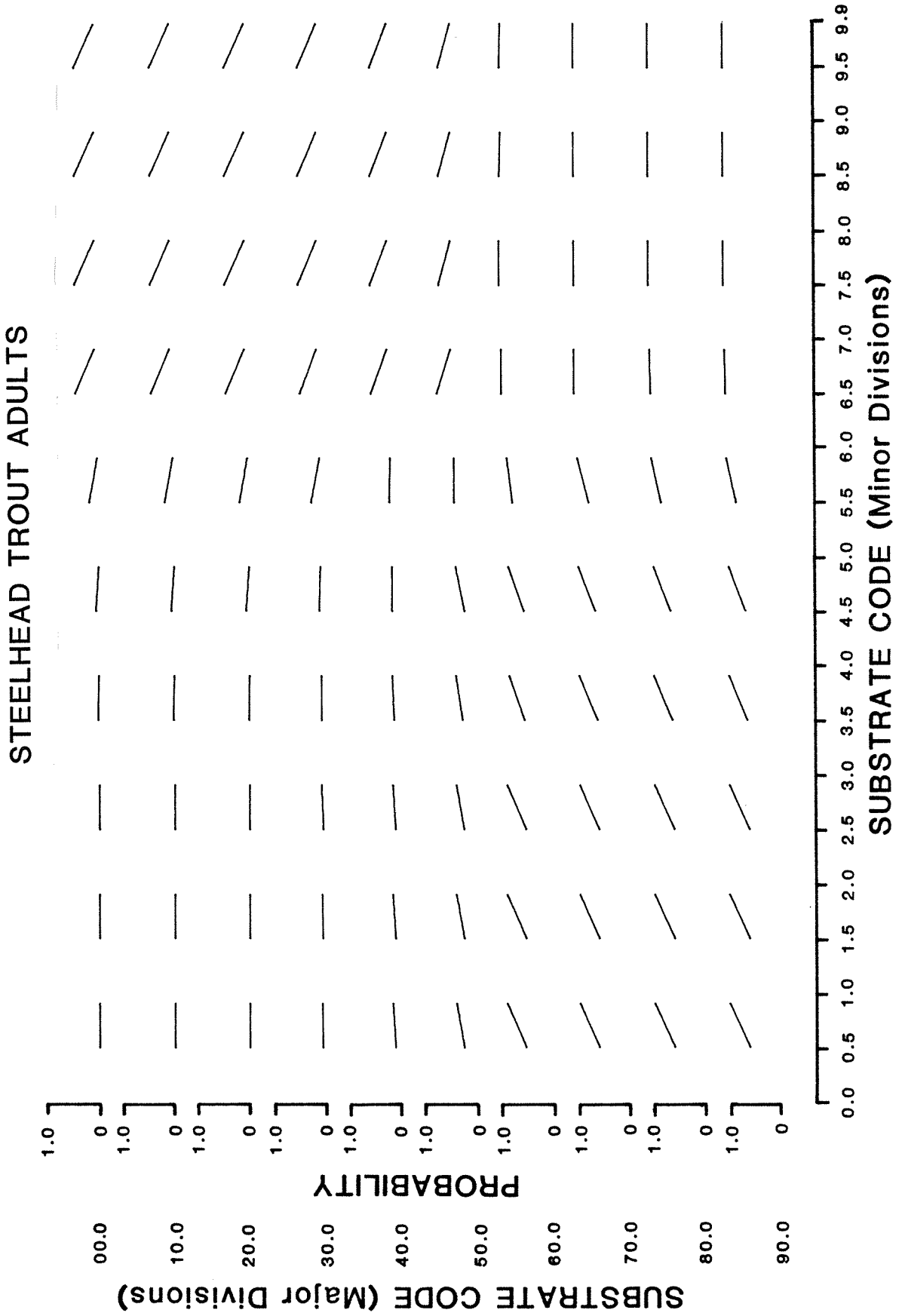


Figure 25. Substrate probability of use criteria (Washington State Coding System) for steelhead trout adults.

COHO SALMON  
SPAWNING

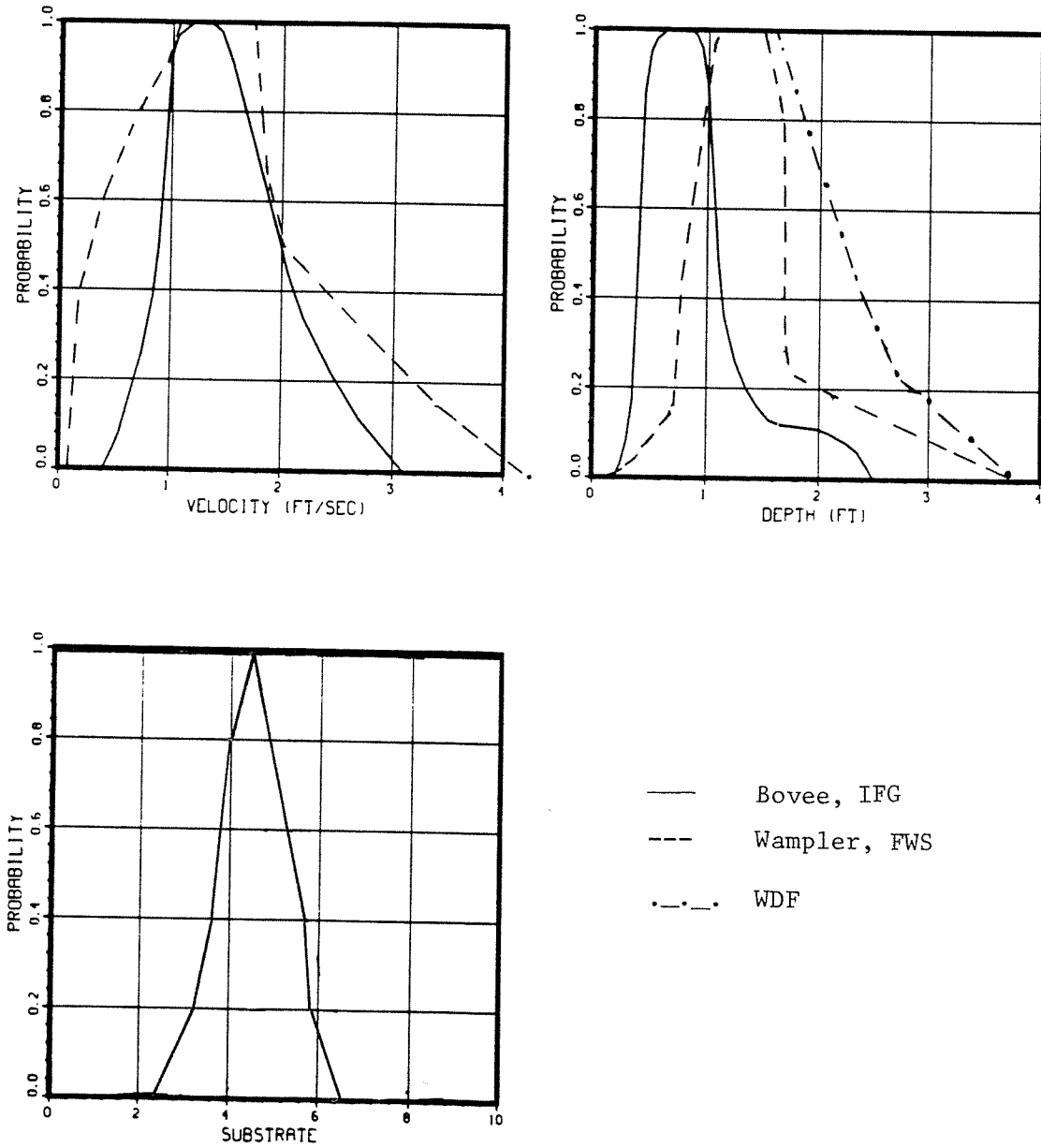


Figure 26. Velocity, depth and substrate probability of use criteria for spawning coho salmon.

Table 9). The analysis and sources of data for the depth and velocity criteria were as follows: P. Wampler, FWS, Washington streams (2); IFG, western Oregon streams (3). The substrate curve was prepared by the IFG from western Oregon stream data (3). The right limb of the FWS depth curve was widened on the recommendation of WDF staff and represents the final curve selected. The FWS curve for velocity and IFG curve for substrate were also selected for use in the model. The depth and velocity criteria in Figure 27 and the substrate criteria in Figure 28 were selected for use in a partial IFIM analysis.

Coho salmon/fry. The existing IFG criteria developed from Oregon State data (10) will be used for coho fry (Figures 29, 30 and 31 and Table 10) in a partial IFIM analysis.

Coho salmon/juvenile. Coho juvenile criteria were prepared by P. Wampler, FWS (11), and are based on a review of the literature (Figure 32 and Table 11). The velocity and substrate curves used in a partial IFIM analysis are presented in Figures 33 and 34. The depth curve will remain open ended beyond 1.5 ft at  $p=1.0$  on the recommendations of WDF staff.

Rainbow trout/spawning. The curves (Figure 35 and Table 12) for rainbow trout spawning as prepared by the IFG from British Columbia data (18) are presented. The depth and velocity criteria (Figure 36) and substrate criteria (Figure 37) were utilized in a partial IFIM analysis.

Rainbow trout/fry. The basis for the fry criteria (Figure 38 and Table 13) are the IFG curves developed from Oregon State data (10). Two of the curves, velocity and substrate, were modified by WDG staff. The velocity less than 0.5 ft/sec, was given a  $p=1.0$ . The left and right limbs of the substrate curves were extended to indicate a wider preference for the fry. These modifications have been incorporated into the final curves (Figure 39 and 40)

Table 9. Habitat probability of use coordinates for coho salmon spawning. Substrate curve coordinates recoded to Washington classification system; changes to curves recommended by WDF staff are in parentheses.

<u>Depth</u>		<u>Velocity</u>			<u>Substrate</u>	
<u>FWS</u>		<u>FWS</u>	<u>WDF</u>	<u>FWS</u>	<u>IFG</u>	
<u>X</u>	<u>Y</u>	<u>X</u>	<u>X'</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.2	0.0	0.2		0.00	2.5	0
0.25	0.40	0.4		0.04	3.1	0.2
0.4	0.59	0.55		0.08	3.6	0.4
0.75	0.80	0.65		0.16	3.8	0.6
1.00	0.92	0.75		0.40	4.0	0.8
1.10	0.98	0.95		0.80	4.3	1.0
1.20	1.00	1.05		0.96	5.6	0.4
1.70	1.00	1.10		1.00	5.8	0.2
1.75	0.80	1.60		1.00	6.5	0.0
1.85	0.64	1.55	(1.6)	0.98		
2.00	0.52	1.60	(1.8)	0.80		
2.25	0.40	1.65	(2.4)	0.40		
3.40	0.16	1.70	(2.6)	0.29		
4.25	0.00	1.80	(2.7)	0.25		
100.0	0.00	2.00	(2.8)	0.21		
		2.20	(2.9)	0.19		
		3.75		0.00		
		100.0		0.00		

# COHO SALMON SPAWNING

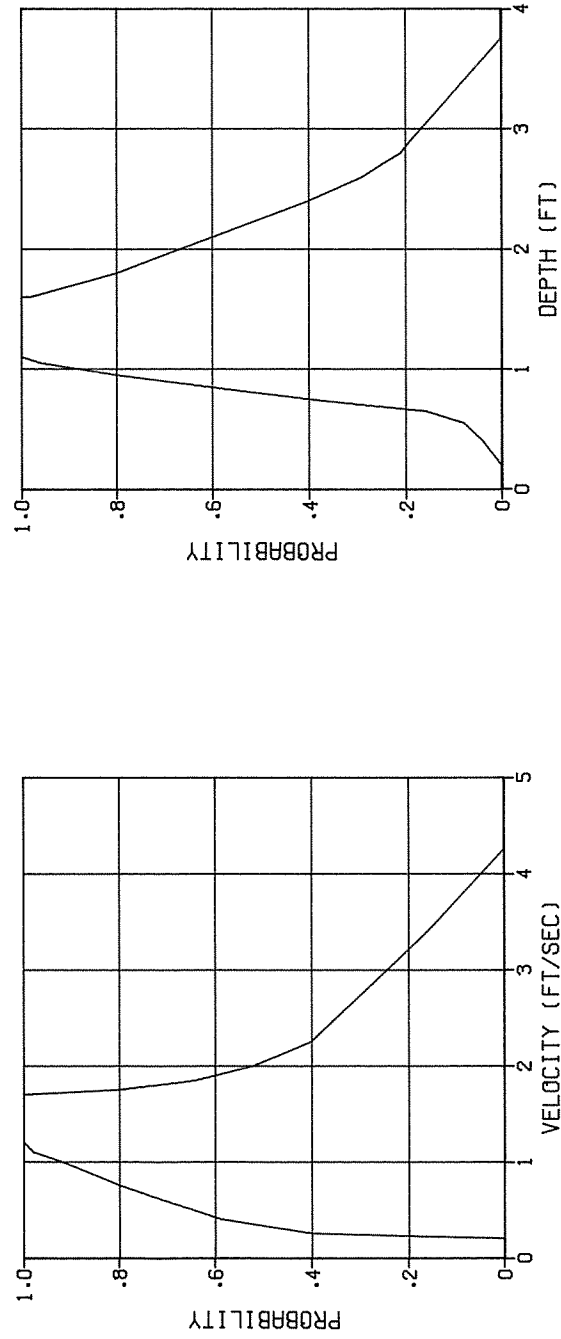


Figure 27. Velocity and depth probability of use criteria for spawning coho salmon.

Table 10. Coho salmon fry substrate probability of use coordinates recoded to Washington classification system.

IFG	
X	Y
1.0	0
1.7	0.04
2.5	0.2
3.1	0.4
4.3	1.0
5.6	0.64
7.1	0.56
8.0	0.2
9.0	0.16

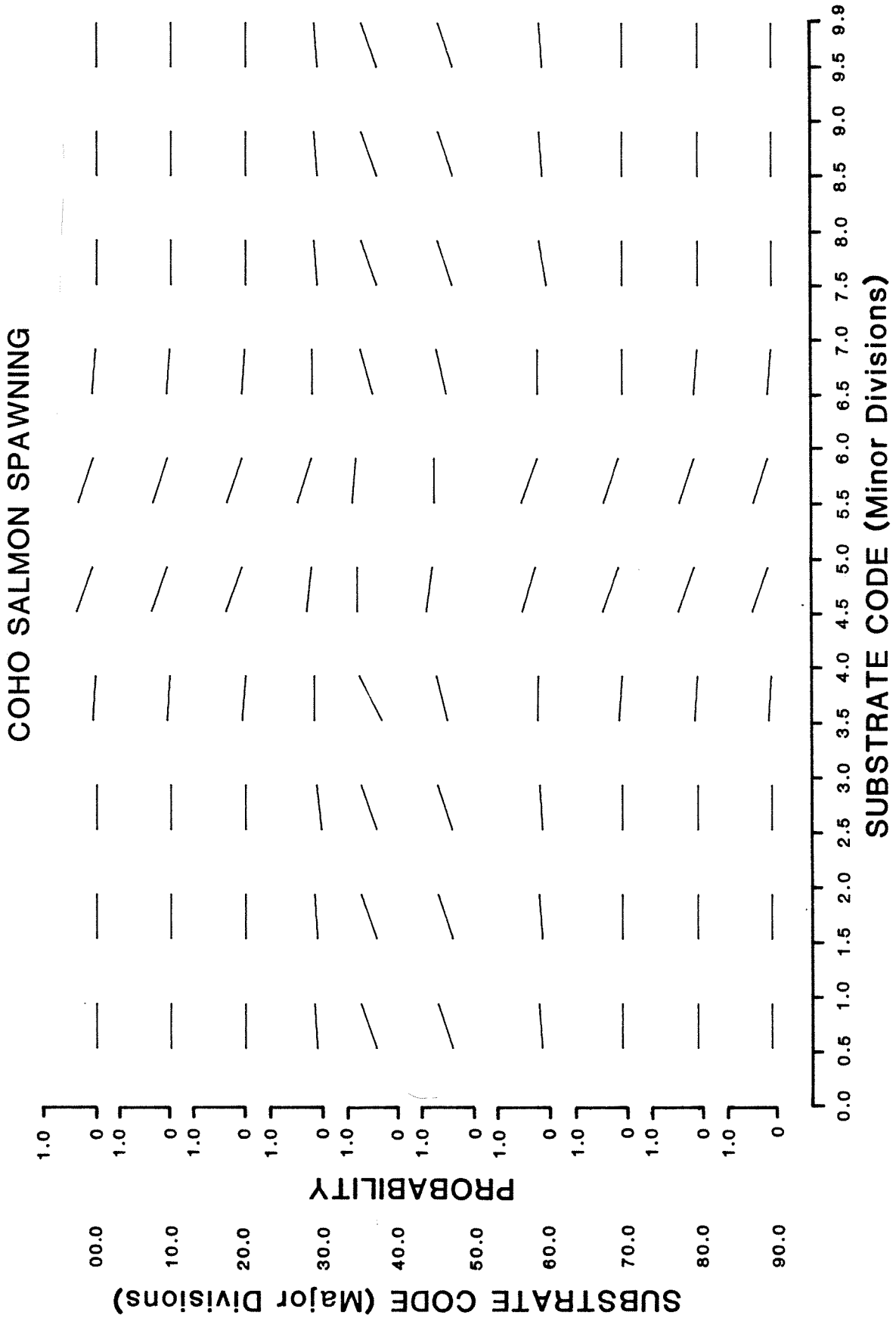


Figure 28. Substrate probability of use criteria (Washington State Coding System) for spawning coho salmon.

COHO SALMON  
FRY

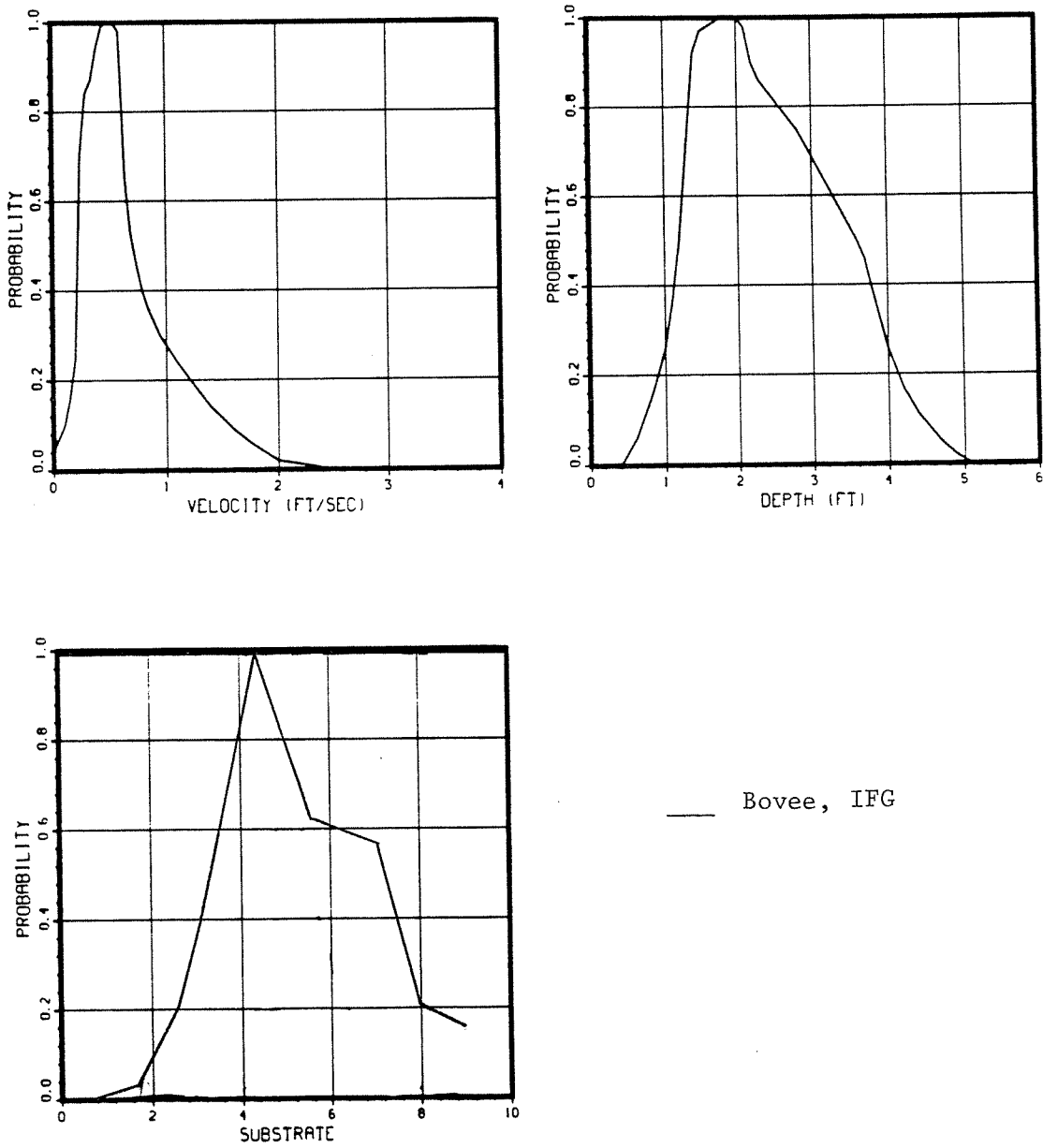


Figure 29. Velocity, depth and substrate probability of use criteria for coho salmon fry.

COHO SALMON  
FRY

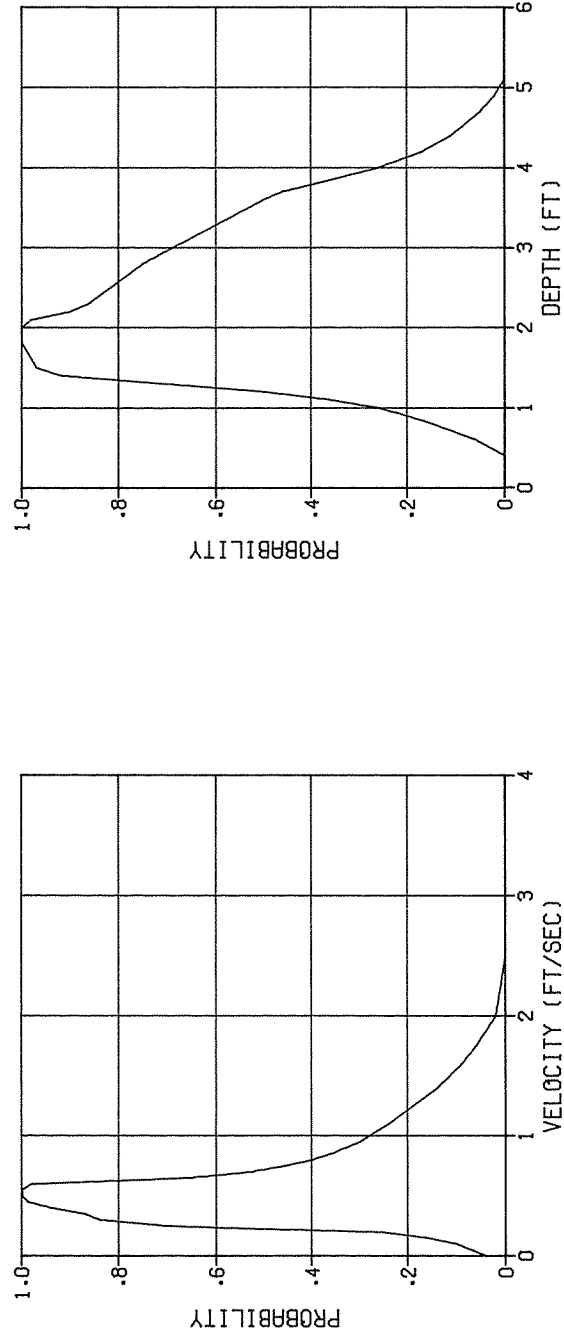


Figure 30. Velocity and depth probability of use criteria for coho salmon fry.

COHO SALMON FRY

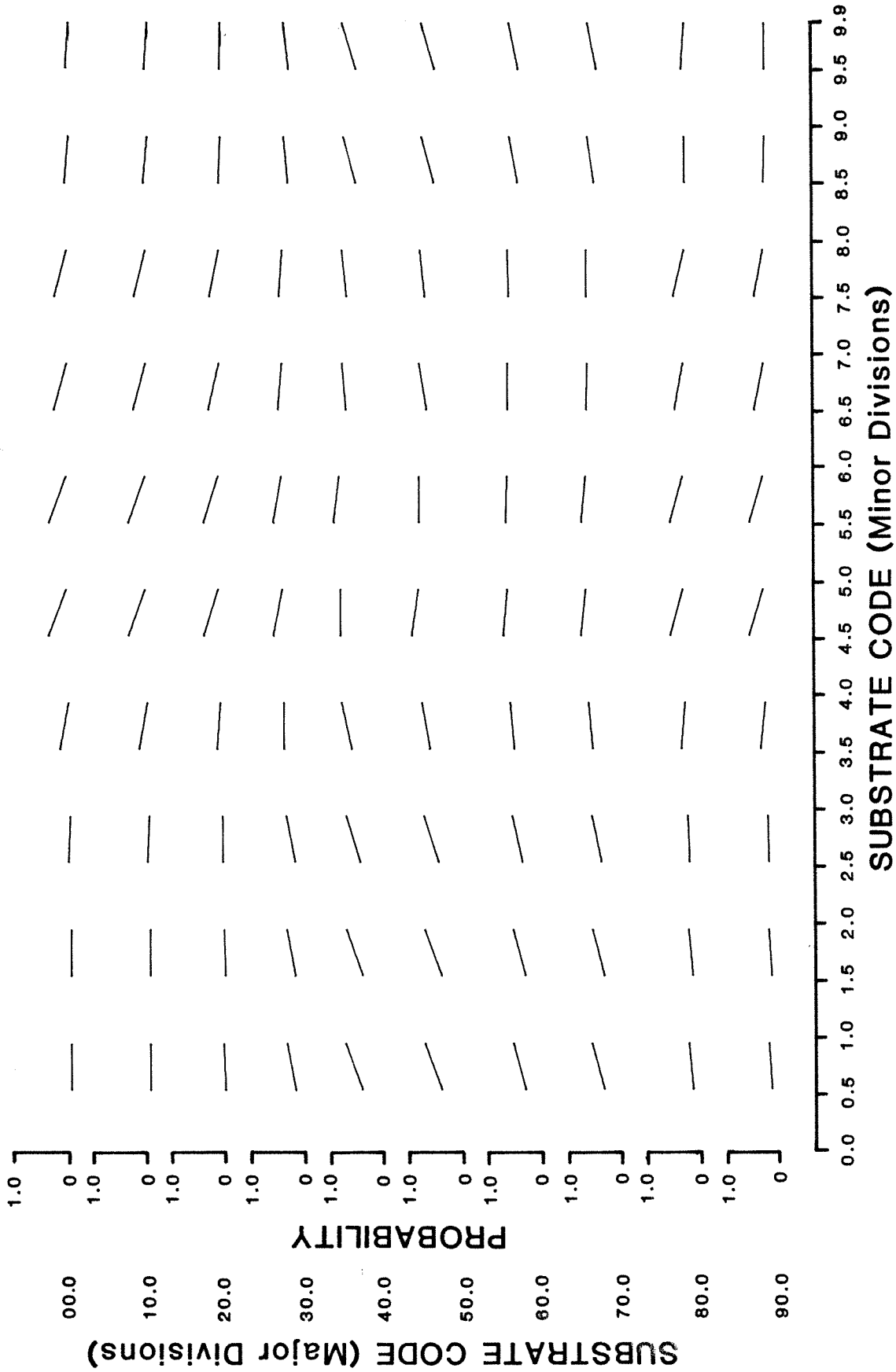


Figure 31. Substrate probability of use criteria (Washington State Coding System) for coho salmon fry.

COHO

Juvenile

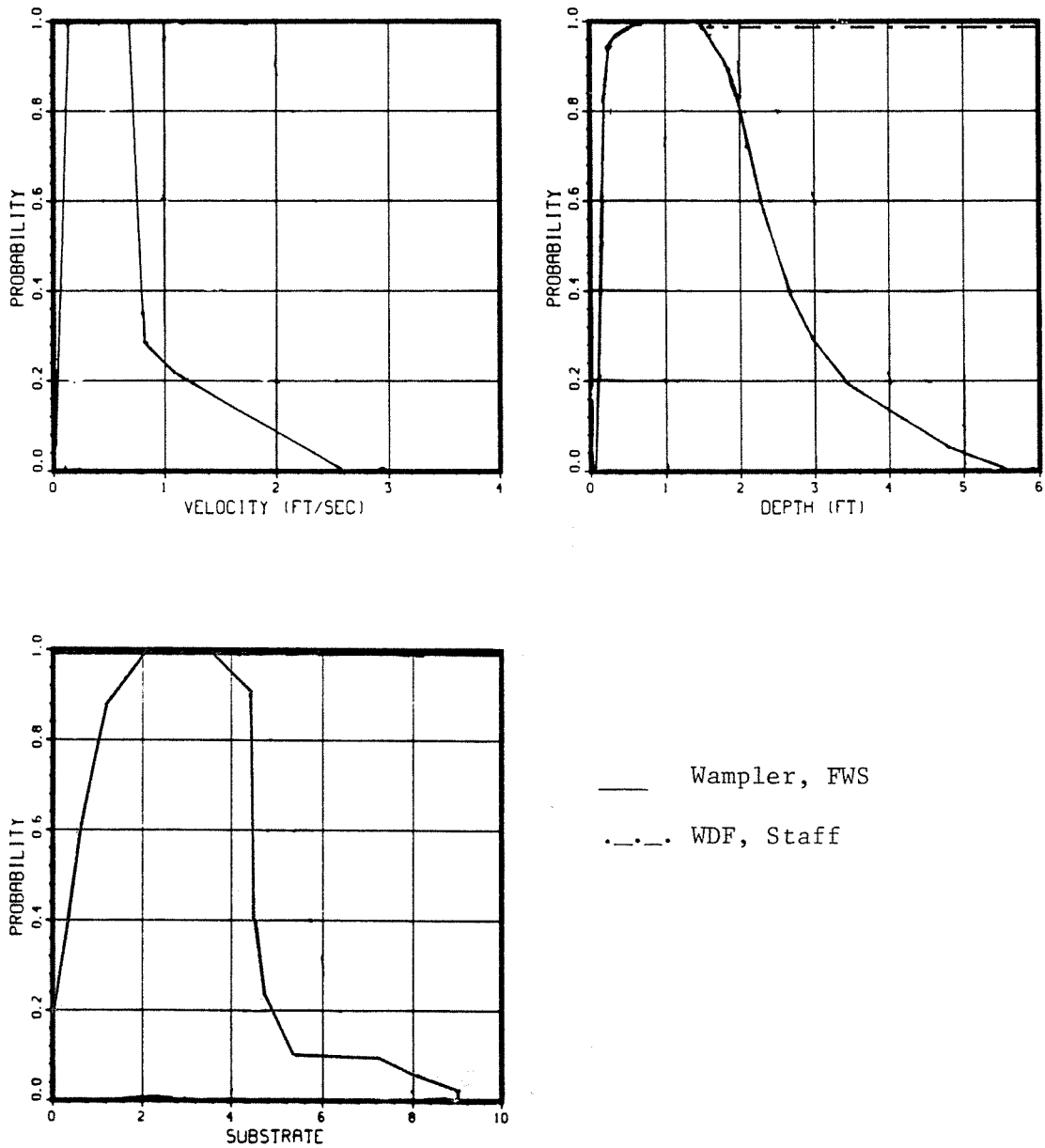


Figure 32. Velocity, depth and substrate probability of use criteria for juvenile coho.

Table 11. Habitat probability of use coordinates for coho salmon juveniles. Substrate curve coordinates recoded to Washington classification system. Prepared by Wampler, FWS, and based on review of the literature. Recommended changes by WDF staff are in parentheses.

<u>Depth</u>			<u>Velocity</u>		<u>Substrate</u>	
<u>X</u>	<u>Y</u>	<u>Y'</u>	<u>X</u>	<u>Y</u>	<u>Chapman</u>	
<u>X</u>	<u>Y</u>	<u>Y'</u>	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>
0.05	0.00		0.0	0.06	0	0.2
0.10	0.20		0.10	0.40	0.4	0.4
0.15	0.60		0.15	0.80	0.6	0.6
0.20	0.84		0.20	1.00	1.0	0.8
0.30	0.93		0.60	1.00	1.2	0.88
0.50	0.98		0.65	0.98	2.0	1.0
0.60	1.00		0.70	0.84	3.6	1.0
1.50	1.00		0.80	0.36	4.3	0.92
1.60	0.97	(1.00)	0.85	0.31	4.5	0.4
1.80	0.89	(1.00)	0.90	0.28	4.8	0.24
2.00	0.80	(1.00)	1.10	0.23	5.4	0.12
2.30	0.59	(1.00)	2.60	0.00	7.2	0.10
2.70	0.41	(1.00)	100.00	0.00	8.0	0.08
3.00	0.31	(1.00)			9.0	0.03
3.45	0.20	(1.00)			9.0	0.00
3.60	0.18	(1.00)				
4.80	0.08	(1.00)				
5.70	0.00	(1.00)				
100.0	0.00	(1.00)				

COHO SALMON  
JUVENILES

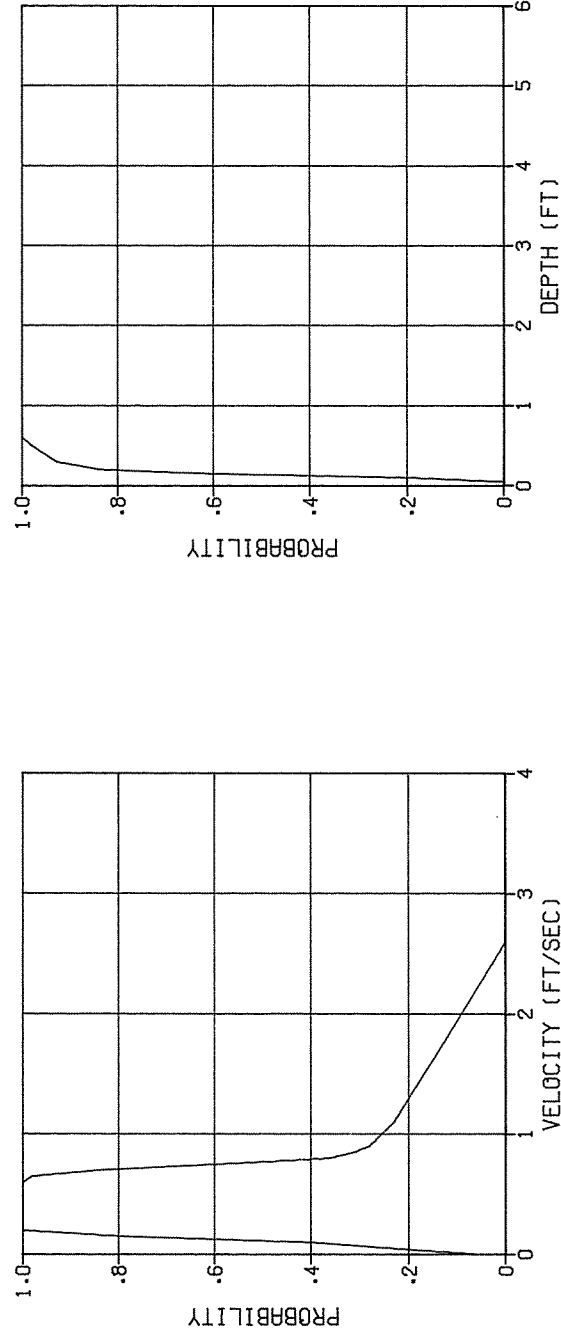


Figure 33. Velocity and depth probability of use criteria for coho salmon juveniles.

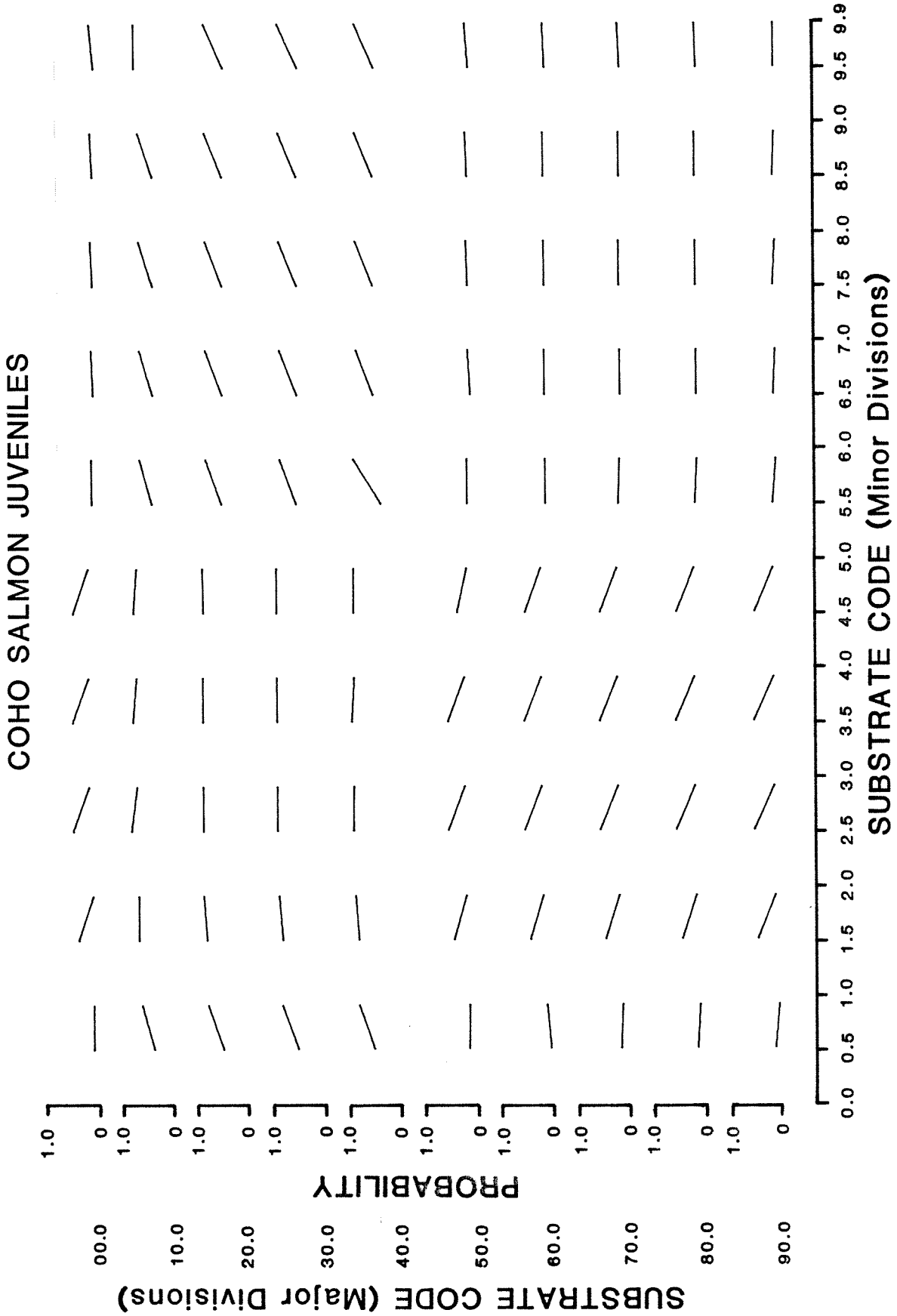


Figure 34. Substrate probability of use criteria (Washington State Coding System) for coho salmon juveniles.

RAINBOW TROUT  
SPAWNING

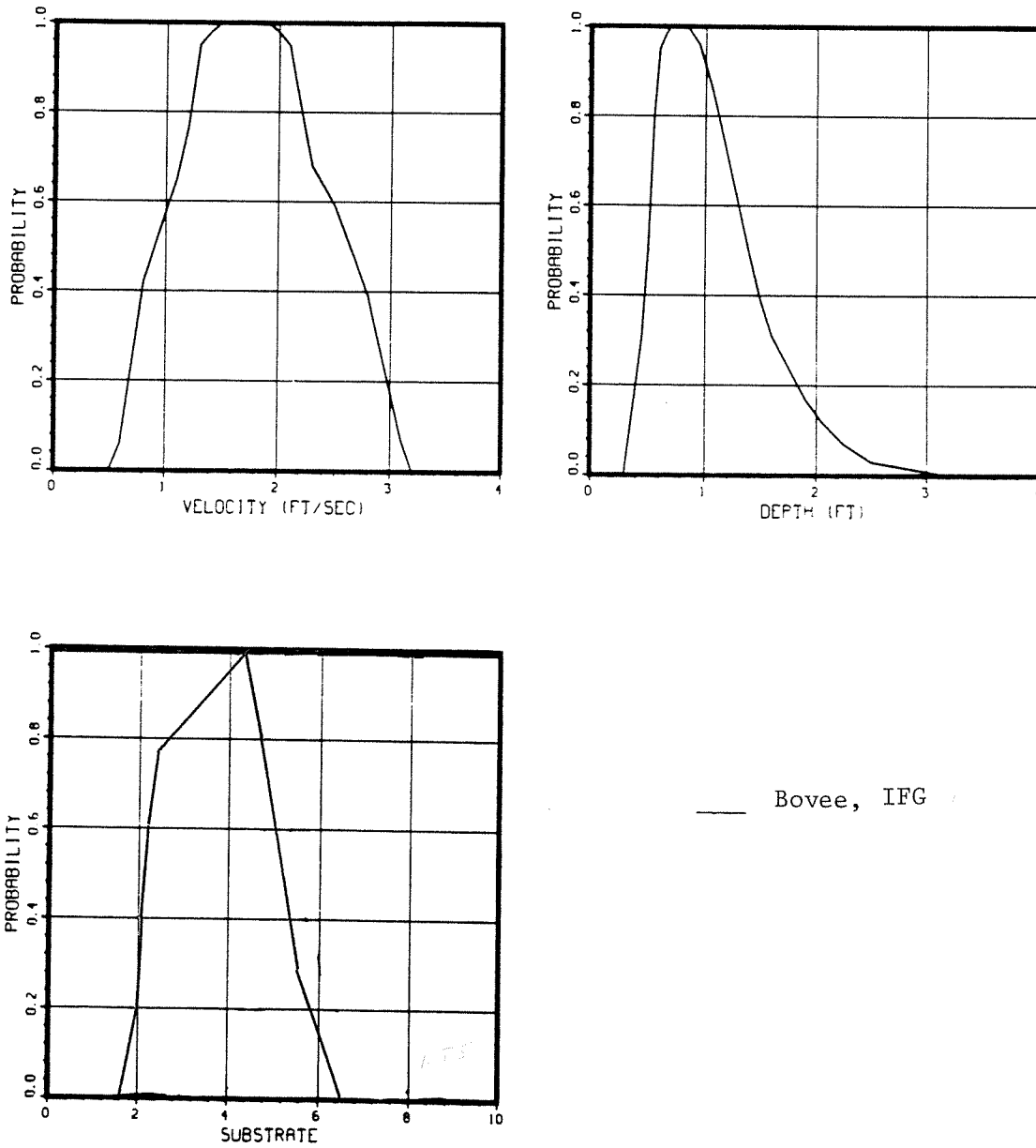


Figure 35. Velocity, depth and substrate probability of use criteria for spawning rainbow trout.

Table 12. Rainbow trout spawning substrate probability of use coordinates recoded to Washington classification system.

IFG	
X	Y
1.7	0
2.0	0.2
2.1	0.4
2.2	0.6
2.5	0.76
4.3	1.0
4.8	0.8
5.6	0.3
6.5	0

RAINBOW TROUT  
SPAWNING

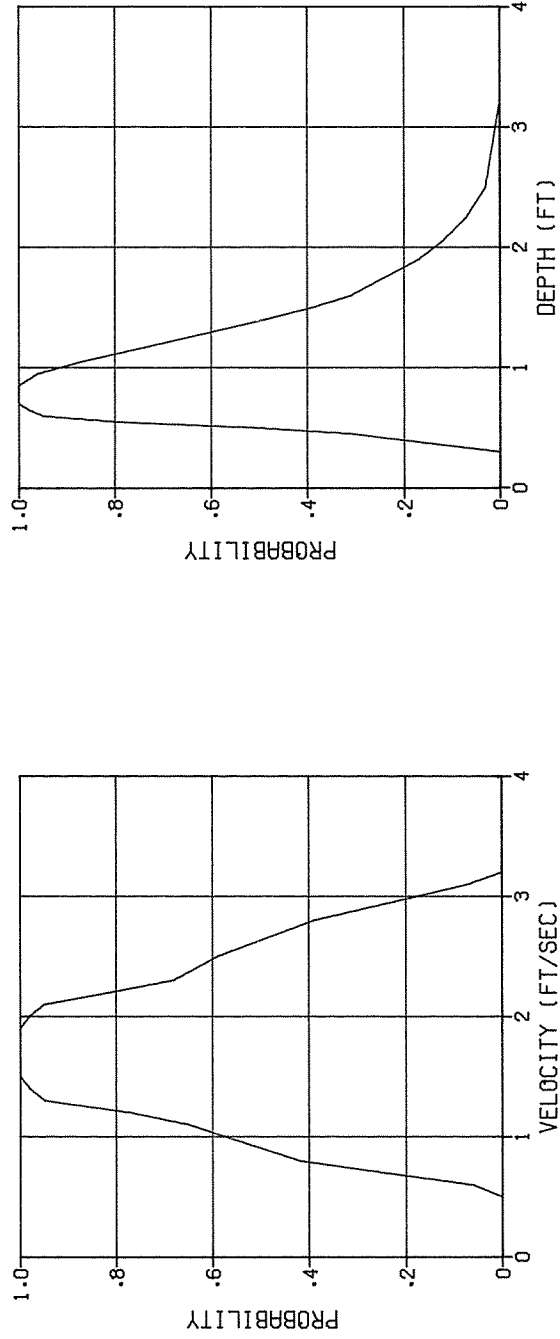


Figure 36. Velocity and depth probability of use criteria for spawning rainbow trout.

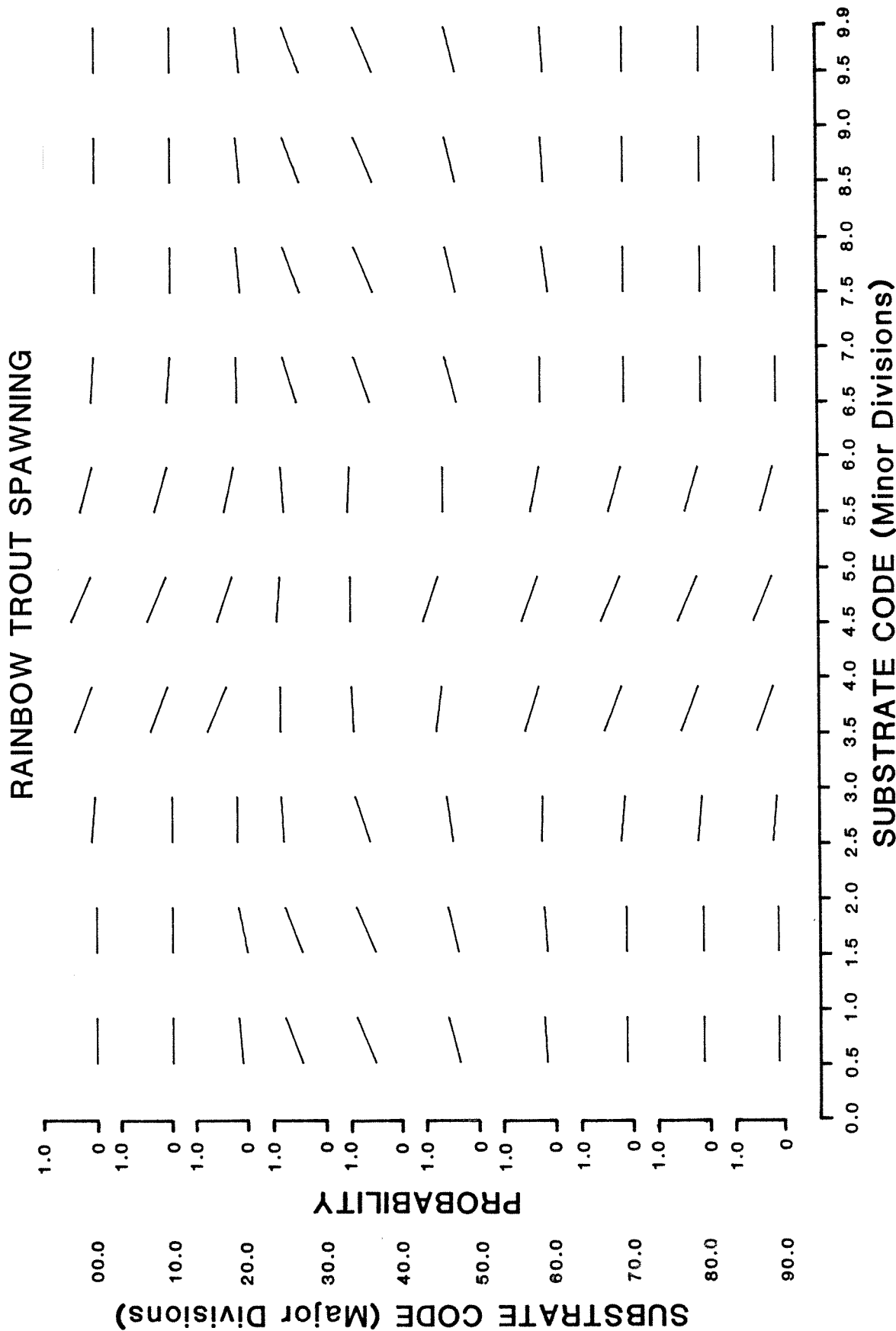


Figure 37. Substrate probability of use criteria (Washington State Coding System) for spawning rainbow trout.

## RAINBOW TROUT

## FRY

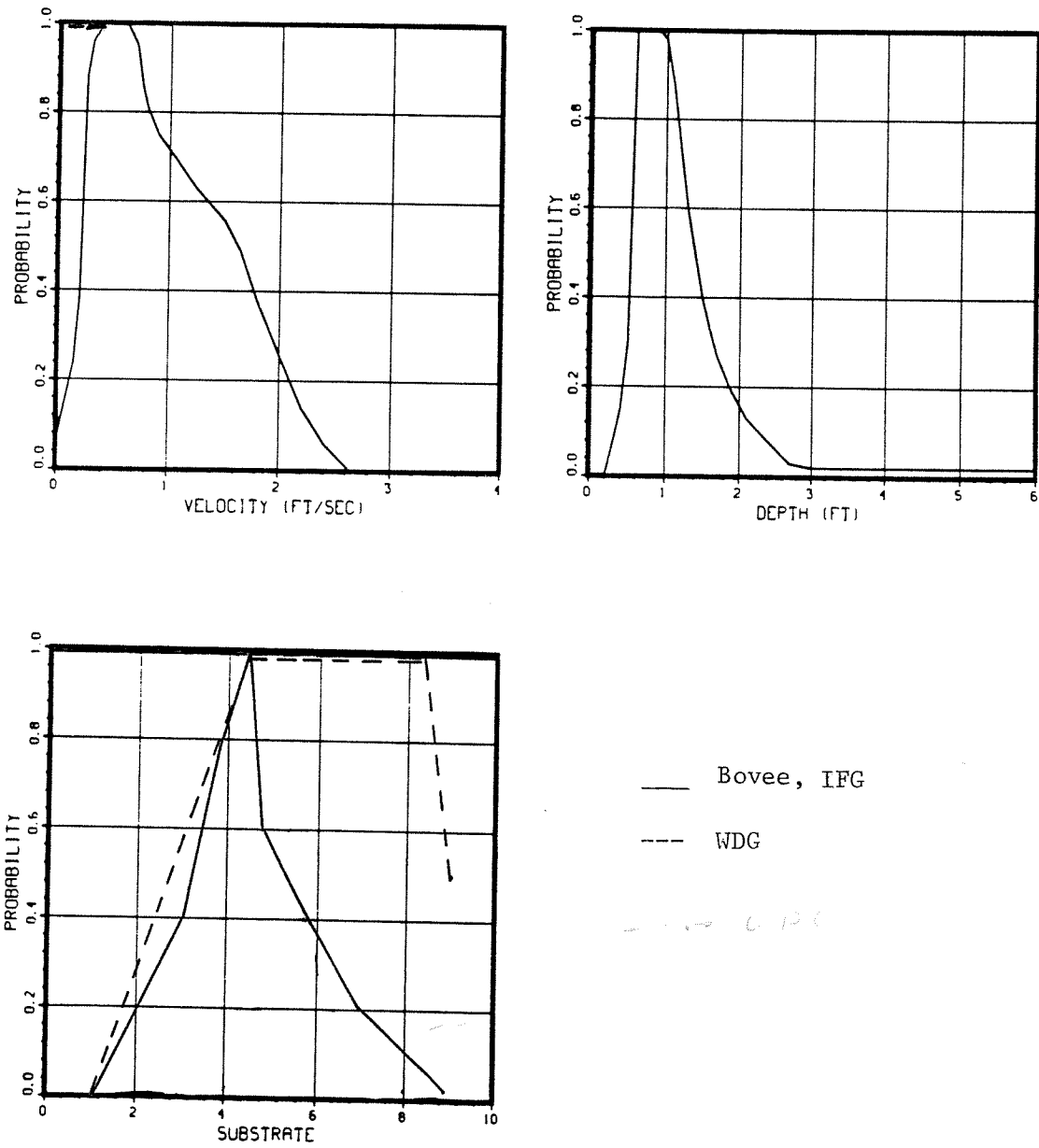


Figure 38. Velocity, depth and substrate probability of use criteria for rainbow trout fry.

Table 13. Rainbow trout fry substrate probability of use coordinates recoded to Washington classification system.

IFG		WDG	
X	Y	X	Y
1.0	0	1.0	0
3.1	0.4	4.3	1.0
3.8	0.8	8.4	1.0
4.3	1.0	9.0	0.5
4.8	0.6		
5.7	0.4		
7.0	0.2		
8.0	0.08		
9.0	0.02		

RAINBOW TROUT  
FRY

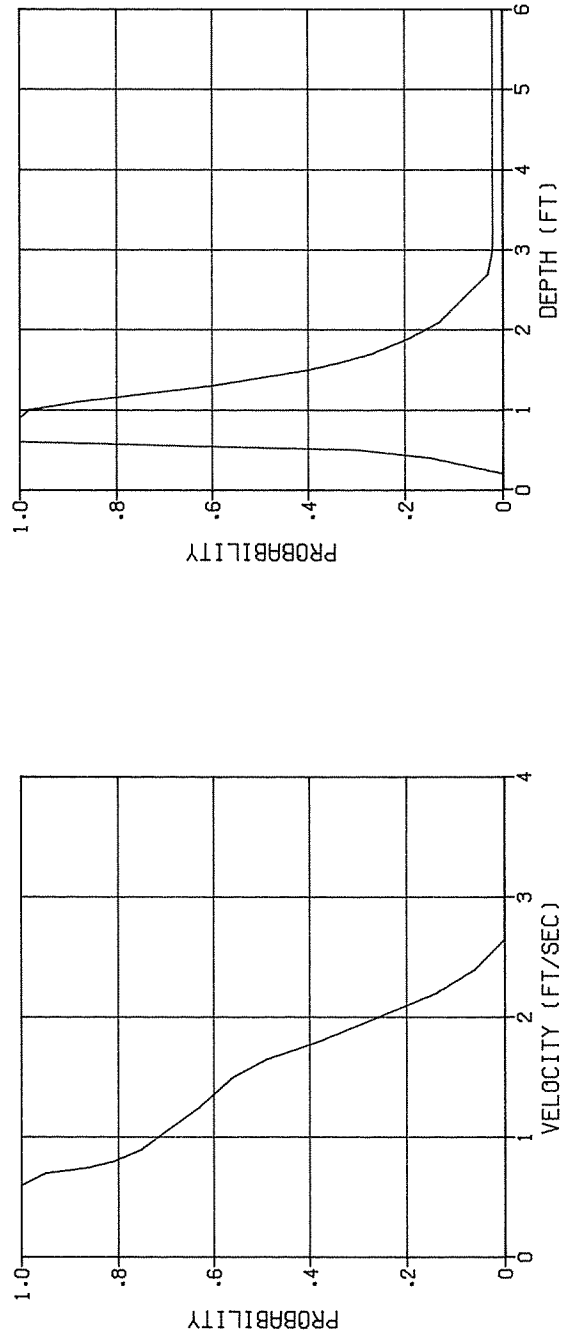


Figure 39. Velocity and depth probability of use criteria for rainbow trout fry.

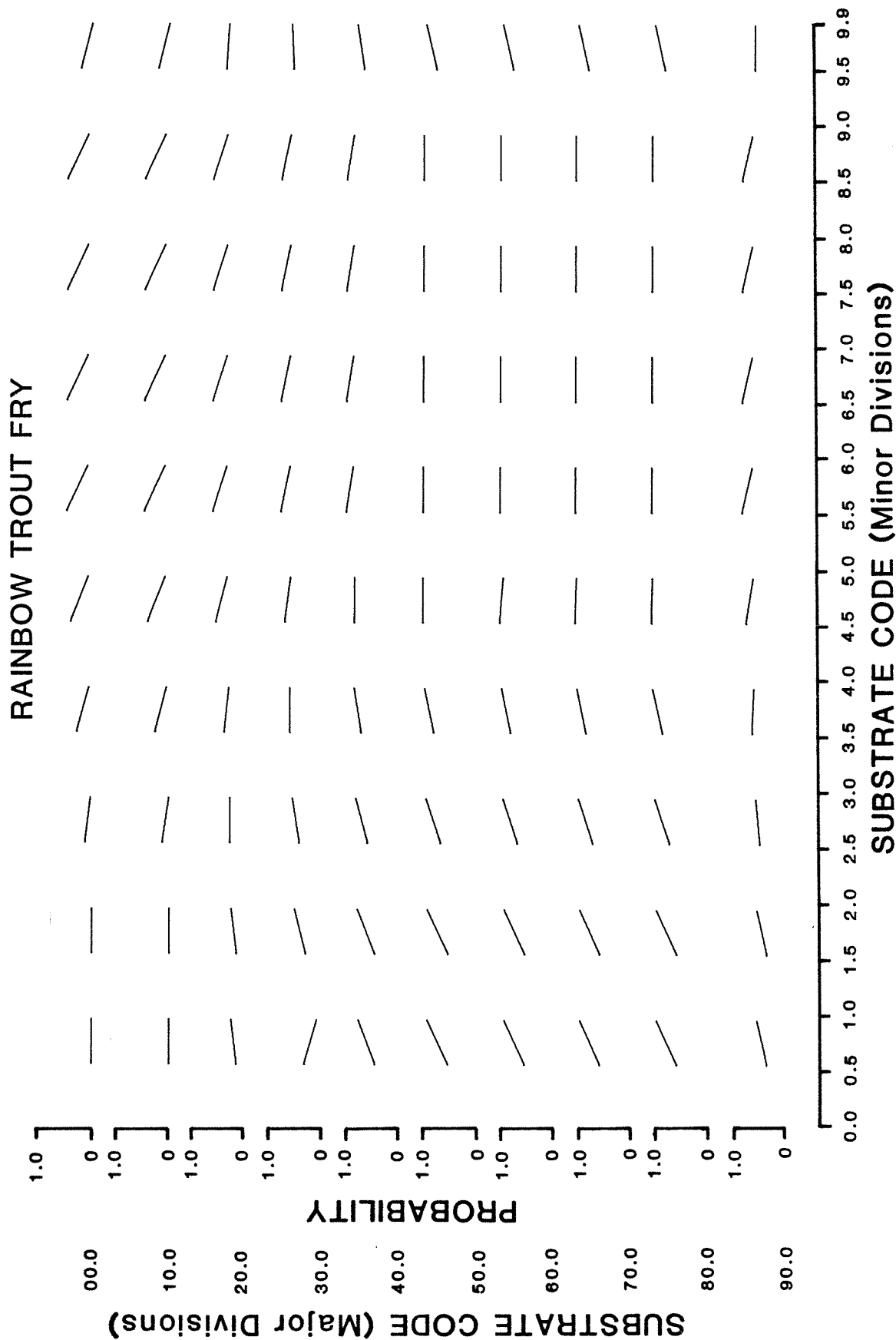


Figure 40. Substrate probability of use criteria (Washington State Coding System) for rainbow trout fry.

to be used in a partial IFIM analysis.

Rainbow trout/juveniles. The IFG depth and velocity curves (Figure 41 and Table 14) developed from Oregon State data (10) are the basis for the selected juvenile criteria. WDG modified the substrate curves by expanding both the left and right limbs. These changes have been included in the final curves (Figure 42 and 43) used in a partial IFIM analysis.

Rainbow trout/adults. The IFG curves (Figure 44 and Table 15) developed from Oregon State data (10) are the basis for the selected adult criteria. WDG expanded the right limb of the substrate curve. These changes have been included in the final curves (Figures 45 and 46) used in the partial IFIM analysis.

Dolly Varden/spawning. The curves (Figure 47 and Table 16) developed by consensus of the staffs from the Alaska Dept. of Fish and Game and the Arctic Environmental Information and Data Center (19) for spawning were selected (Figures 48 and 49) for use in a partial IFIM analysis. The right limb of the depth curve was incorrectly plotted in Figure 47 and is correct in Figure 48.

Dolly Varden/fry. The curves (Figure 50) developed by consensus of the staffs from the Alaska Dept. of Fish and Game and the Arctic Environmental Information and Data Center (19) for fry were selected (Figures 51 and 52) for use in a partial IFIM analysis without modification.

Dolly Varden/juvenile. The curves (Figure 53) developed by consensus of the staffs from the Alaska Dept. of Fish and Game and the Arctic Environmental Information and Data Center (19) for juveniles were selected (Figures 54 and 55) for use in a partial IFIM analysis without modification.

Cutthroat trout/spawning. The curves for cutthroat trout spawning prepared by the IFG from Washington State data (13) are presented in Figure 56 and Table 17. The criteria used in a partial IFIM analysis are presented in

## RAINBOW TROUT

## JUVENILES

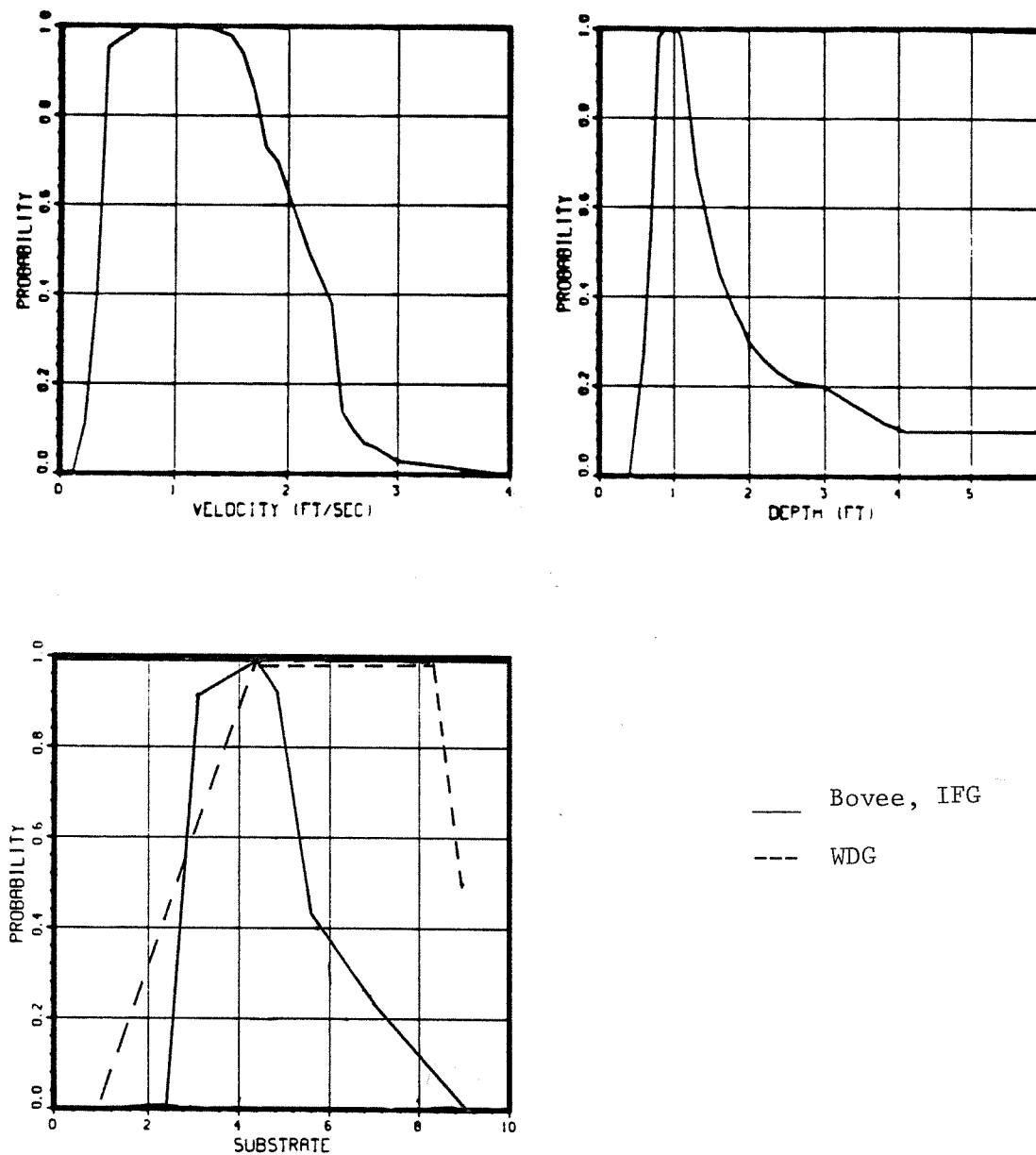


Figure 41. Velocity, depth and substrate probability of use criteria for juvenile rainbow trout.

Table 14. Rainbow trout juvenile substrate probability of use coordinates recoded to Washington classification system.

IFG		WDG	
X	Y	X	Y
2.4	0	1.0	0
3.1	0.92	4.3	1.0
4.3	1.0	8.4	1.0
4.7	0.94	9.0	0.5
5.6	0.44		
6.9	0.24		
9.0	0		

# RAINBOW TROUT JUVENILES

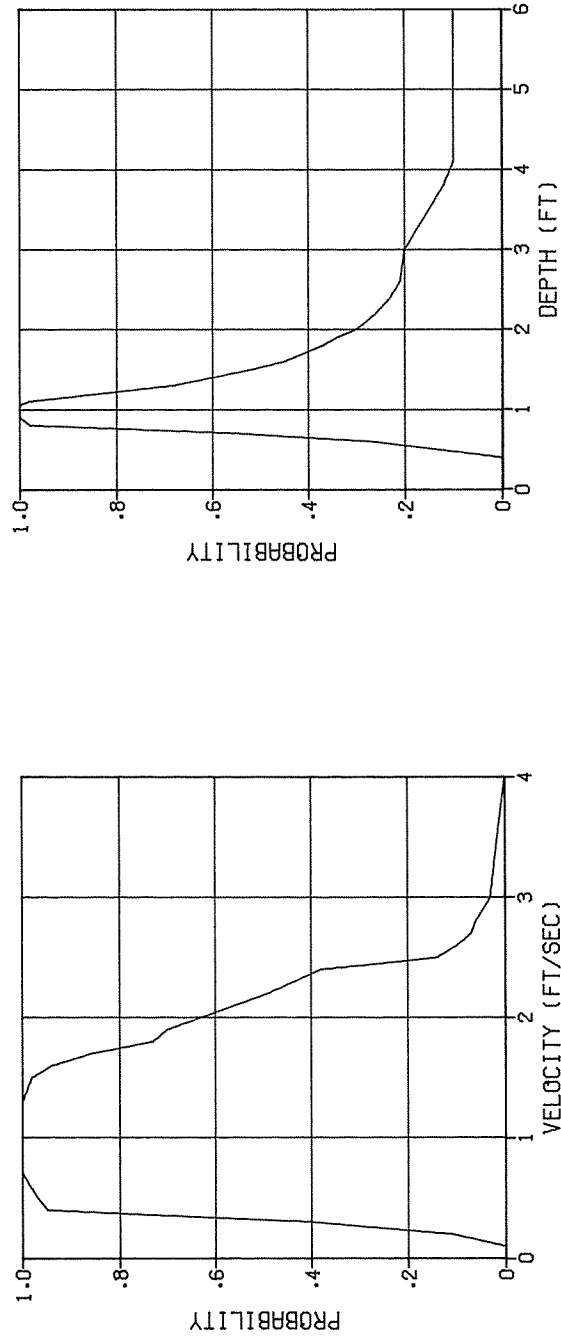


Figure 42. Velocity and depth probability of use criteria for rainbow trout juveniles.

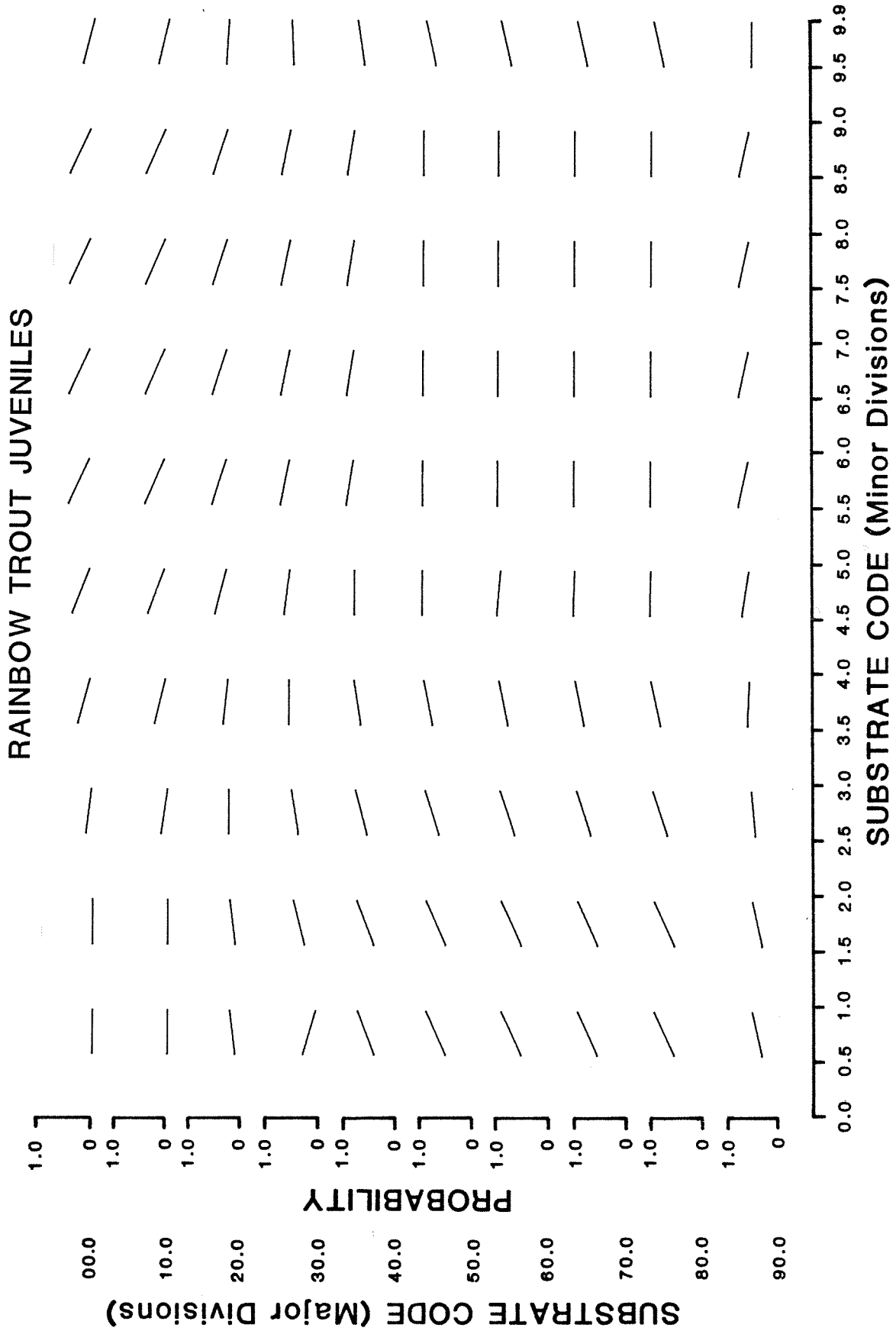


Figure 43. Substrate probability of use criteria (Washington State Coding System) for rainbow trout juveniles.

# RAINBOW TROUT ADULT

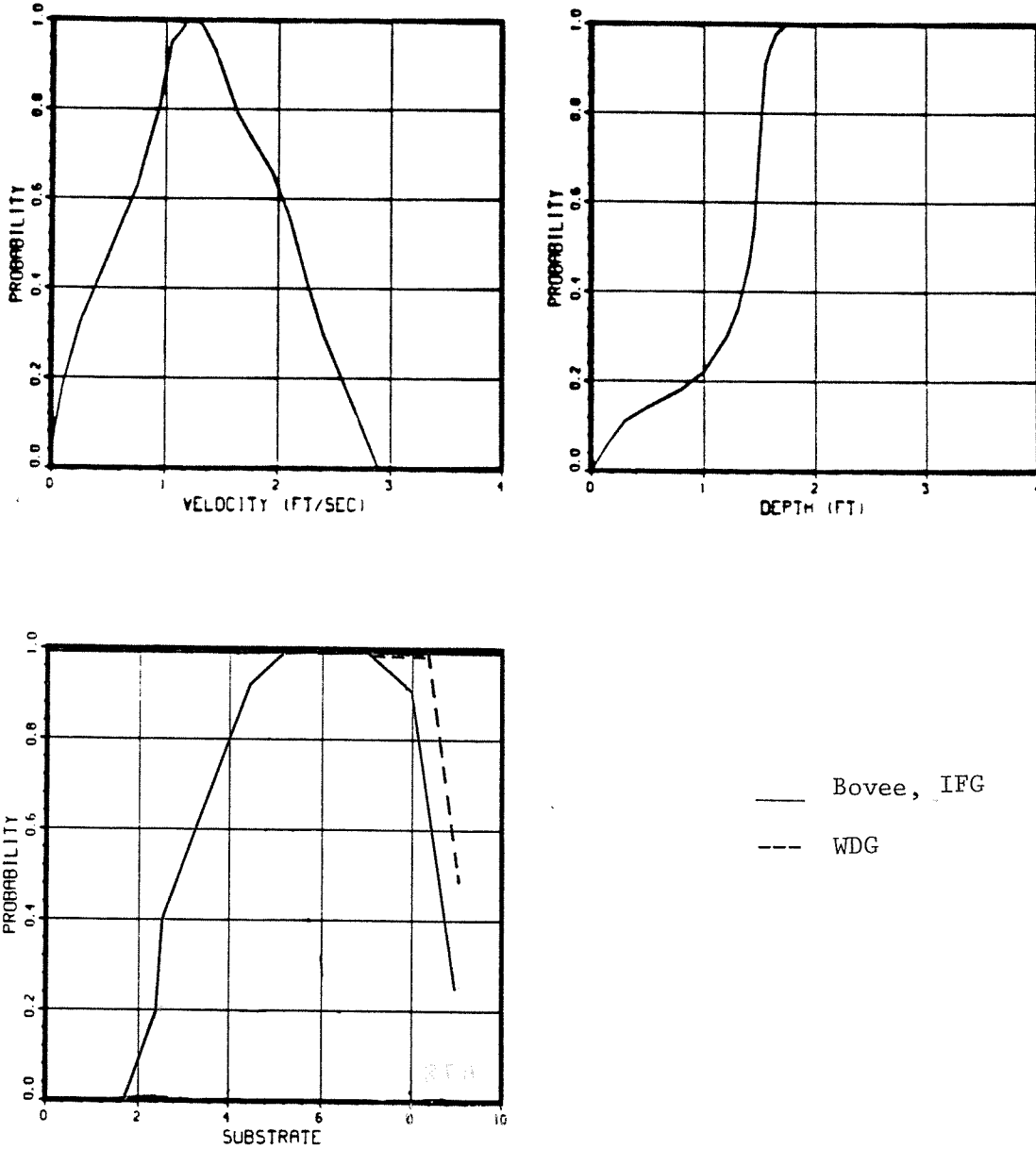


Figure 44. Velocity, depth and substrate probability of use criteria for adult rainbow trout.

Table 15. Rainbow trout adult substrate probability of use coordinates recoded to Washington classification system.

IFG		WDG	
X	Y	X	Y
1.7	0	1.7	0
2.4	0.2	2.4	0.2
2.5	0.4	2.5	0.4
4.3	0.92	4.3	0.92
5.0	1.0	5.0	1.0
7.1	1.0	8.4	1.0
8.0	0.92	9.0	0.5
9.0	0.26		
9.1	0.0		

RAINBOW TROUT  
ADULTS

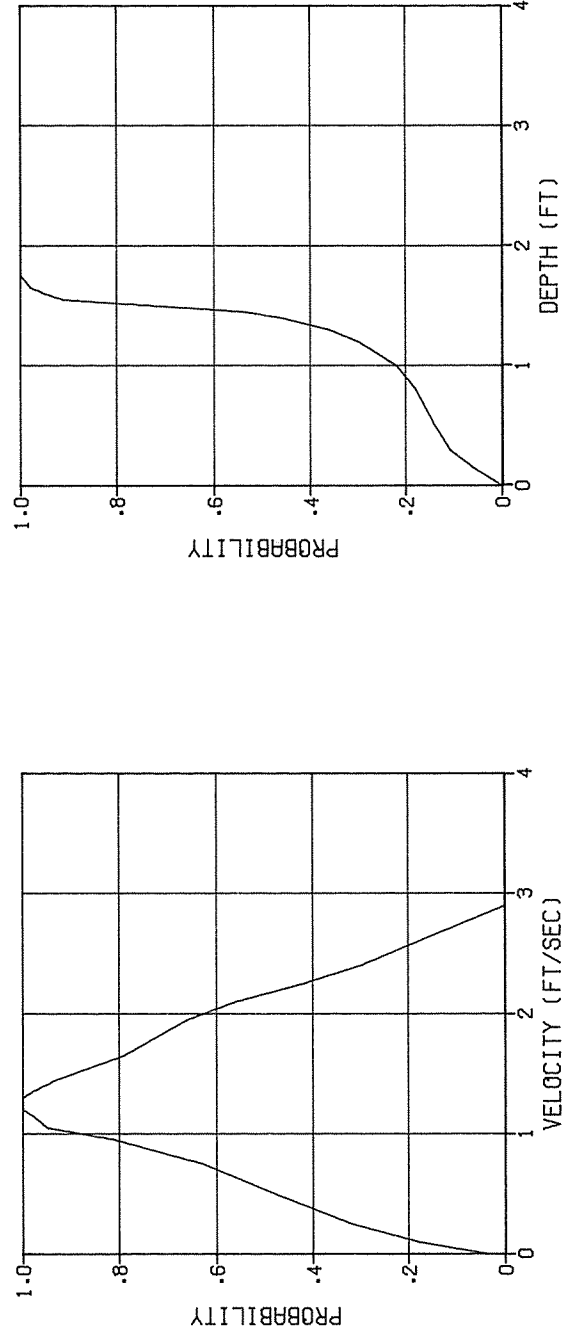


Figure 45. Velocity and depth probability of use criteria for rainbow trout adults.

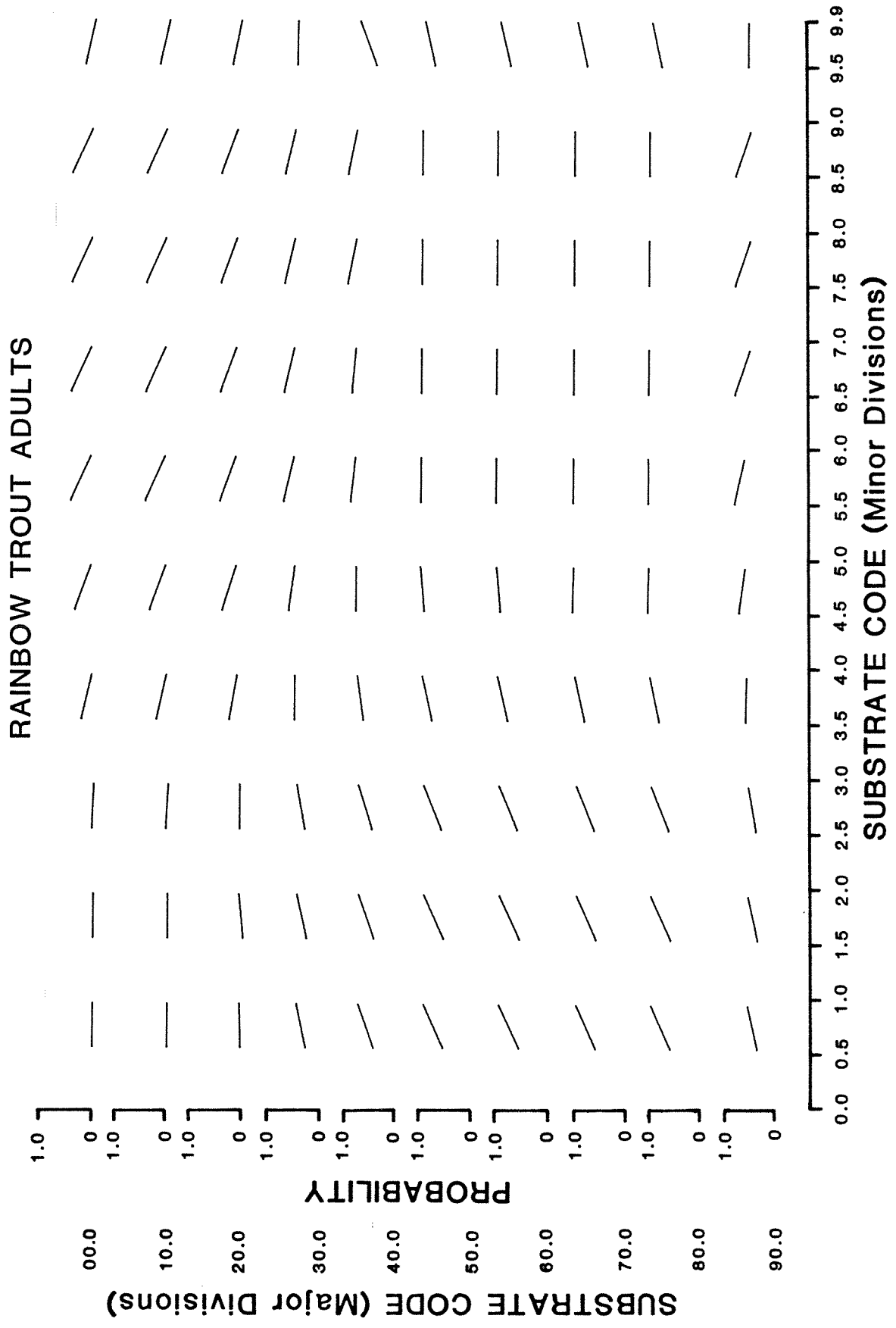


Figure 46. Substrate probability of use criteria (Washington State Coding System) for rainbow trout adults.

DOLLY VARDEN

Spawning

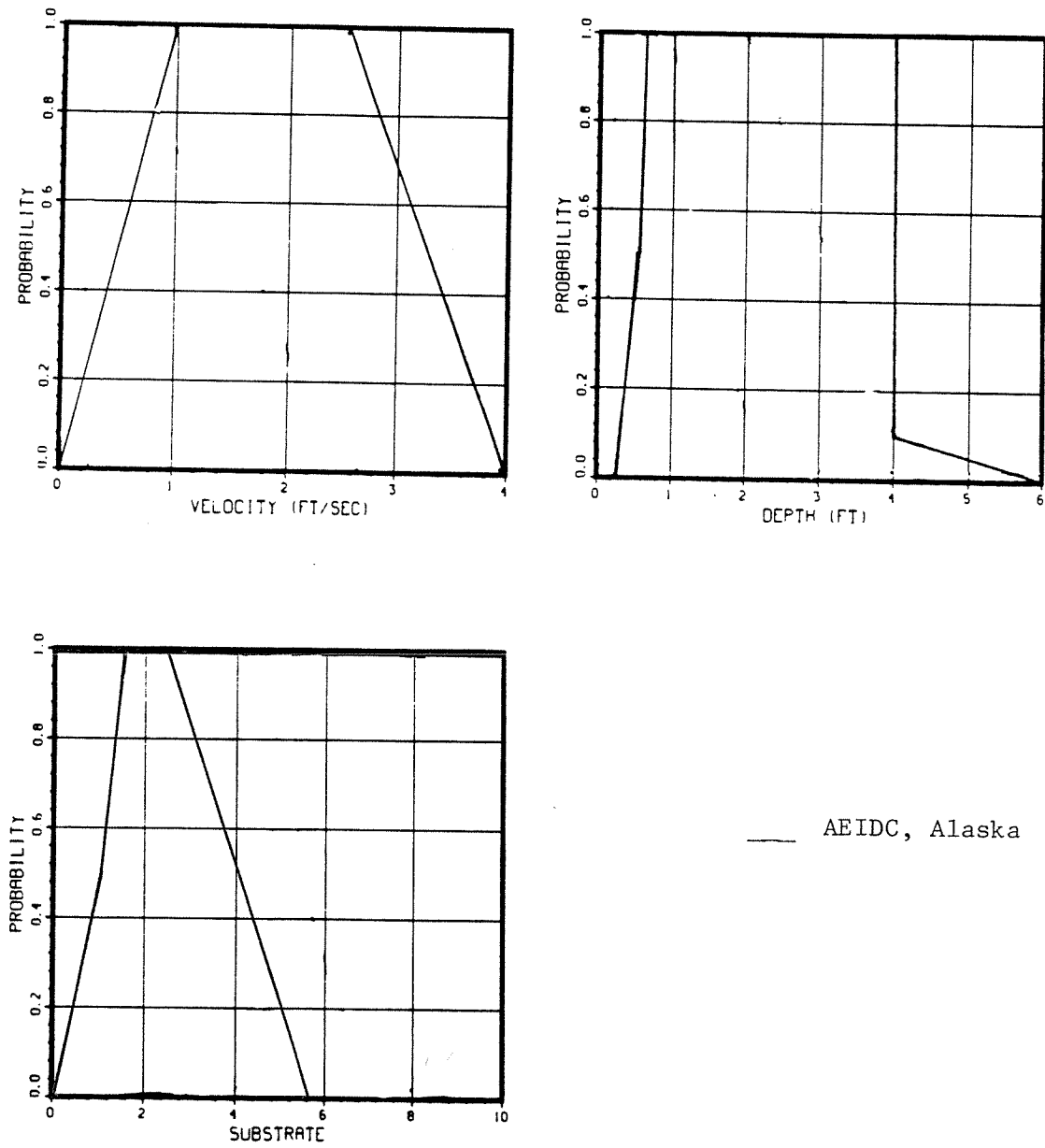


Figure 47. Velocity, depth and substrate probability of use criteria for spawning Dolly Varden.

Table 16. Dolly Varden spawning substrate probability of use coordinates recoded to Washington classification system.

AEIDC	
X	Y
1.0	0.5
1.5	1.0
2.5	1.0
5.6	0.0

DOLLY VARDEN  
SPAWNING

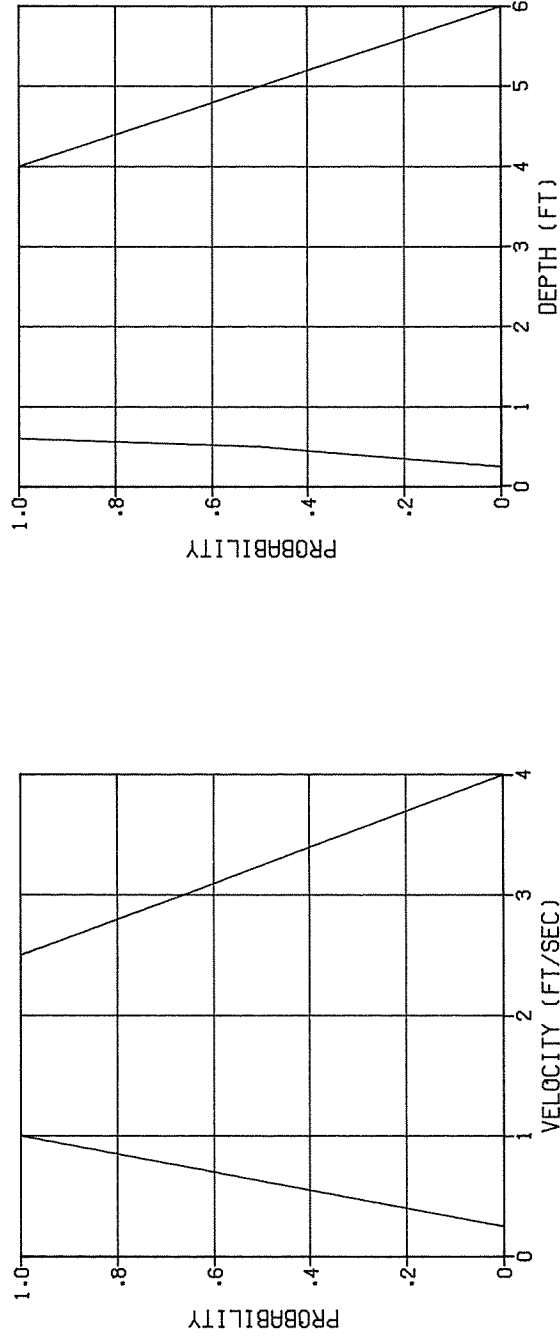


Figure 48. Velocity and depth probability of use criteria for spawning Dolly Varden.

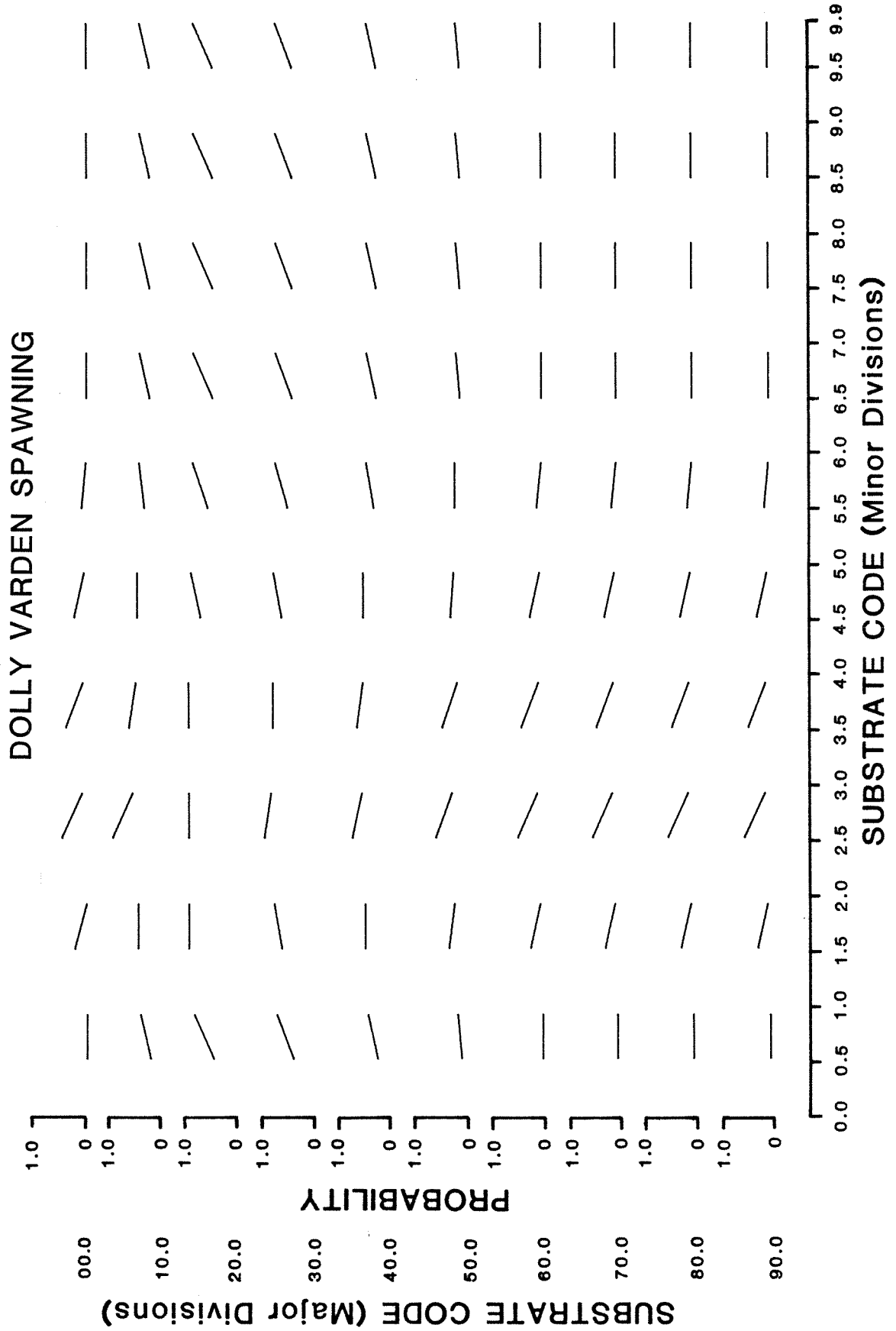


Figure 49. Substrate probability of use criteria (Washington State Coding System) for spawning Dolly Varden.

## DOLLY VARDEN

Fry

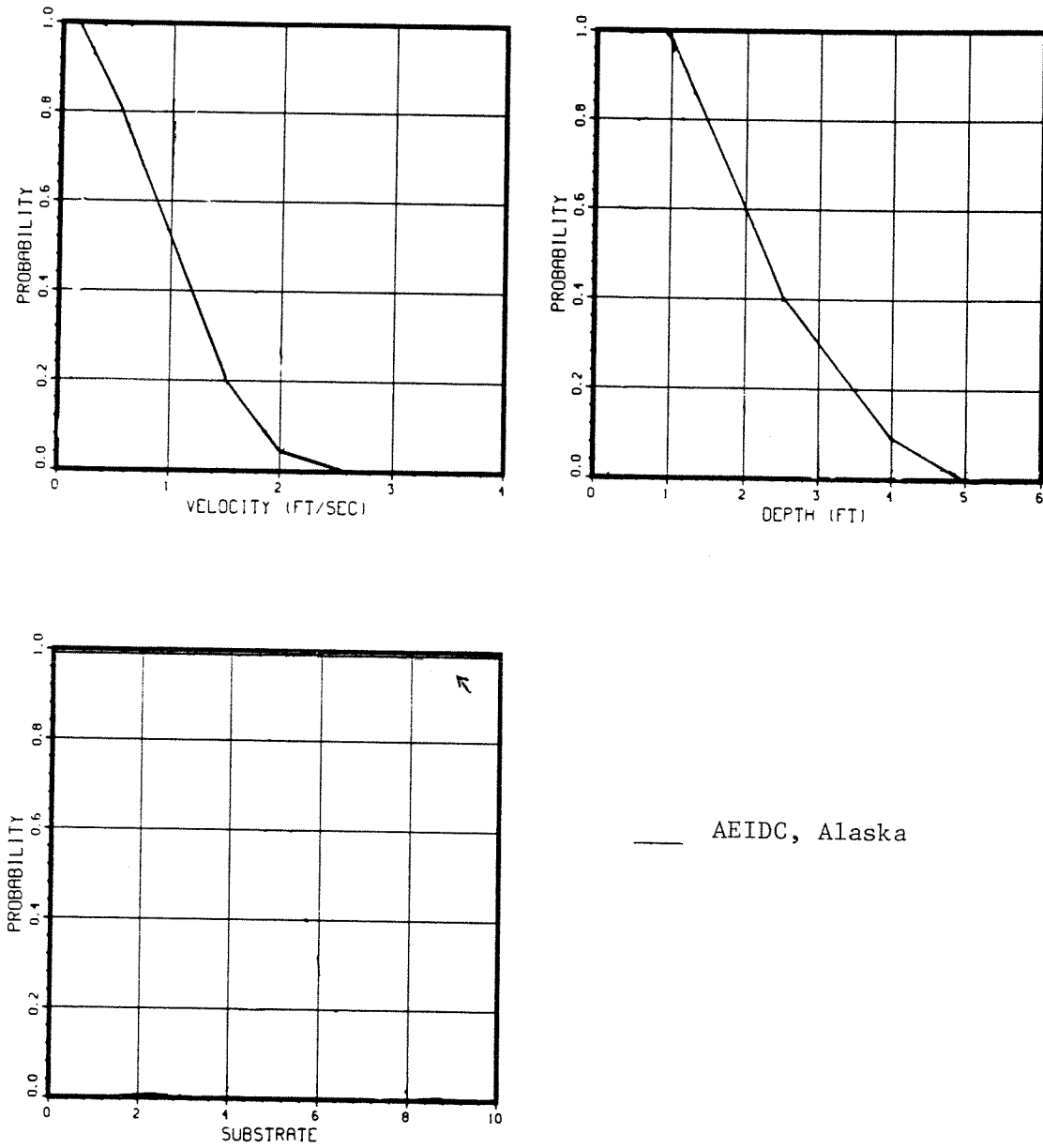


Figure 50. Velocity, depth and substrate probability of use criteria for Dolly Varden fry.

DOLLY VARDEN  
FRY

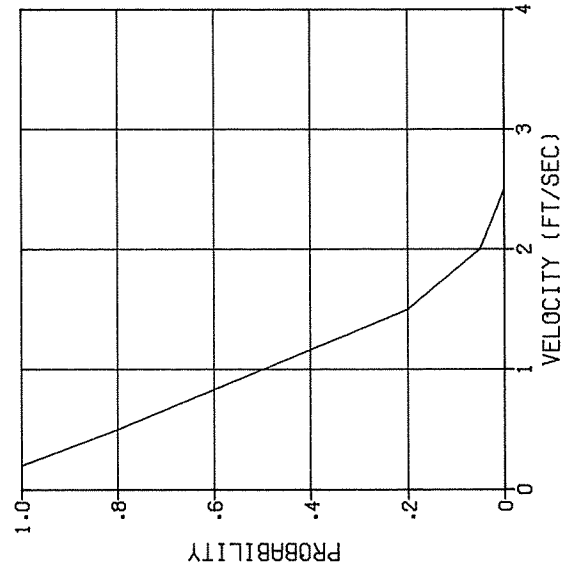
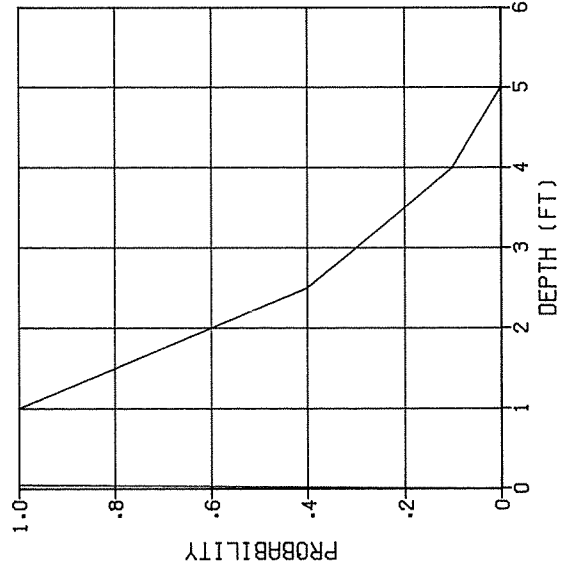


Figure 51. Velocity and depth probability of use criteria for Dolly Varden fry.

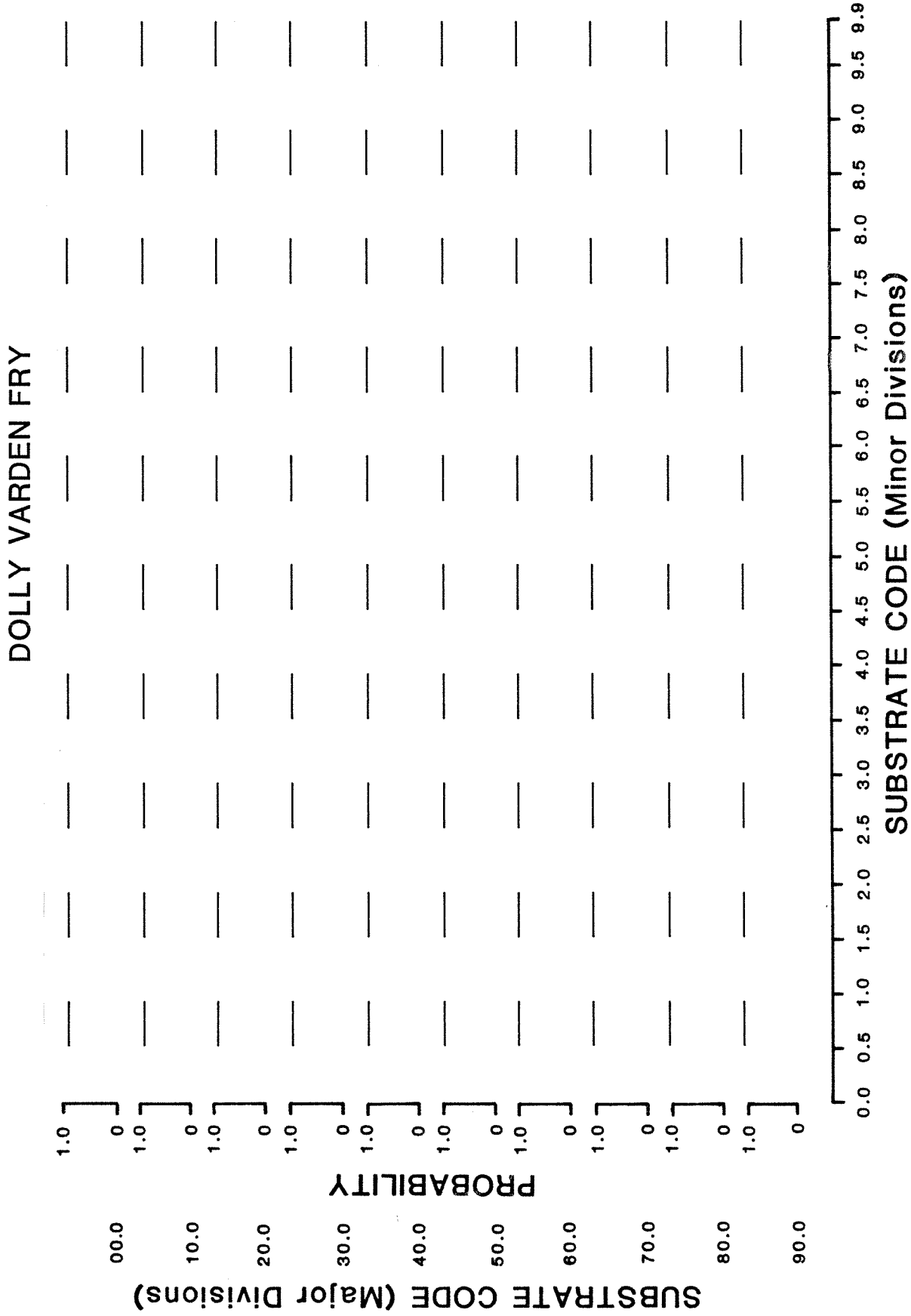


Figure 52. Substrate probability of use criteria (Washington State Coding System) for Dolly Varden fry.

DOLLY VARDEN

Juvenile

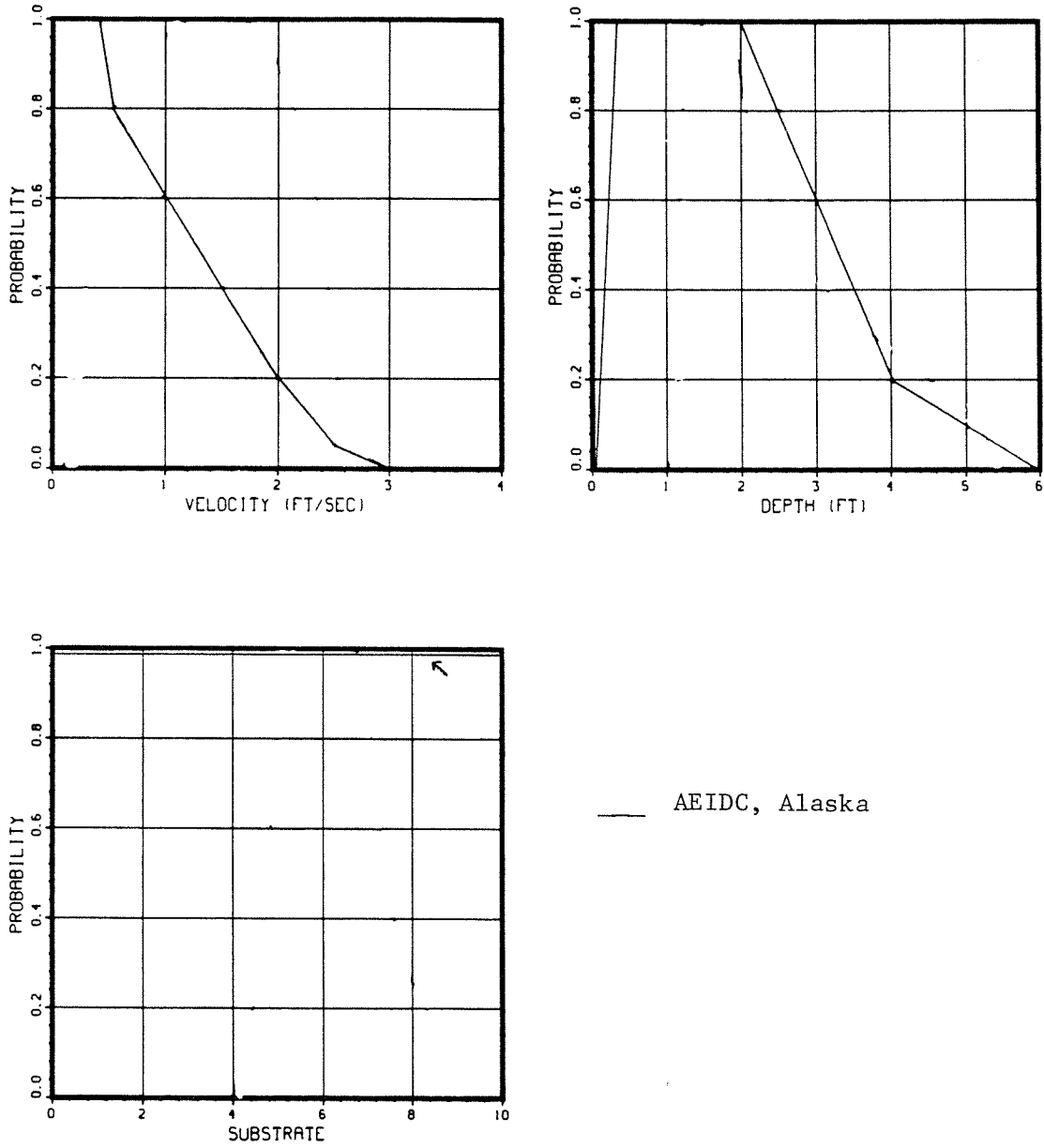


Figure 53. Velocity, depth and substrate probability of use criteria for juvenile Dolly Varden.

# DOLLY VARDEN JUVENILES

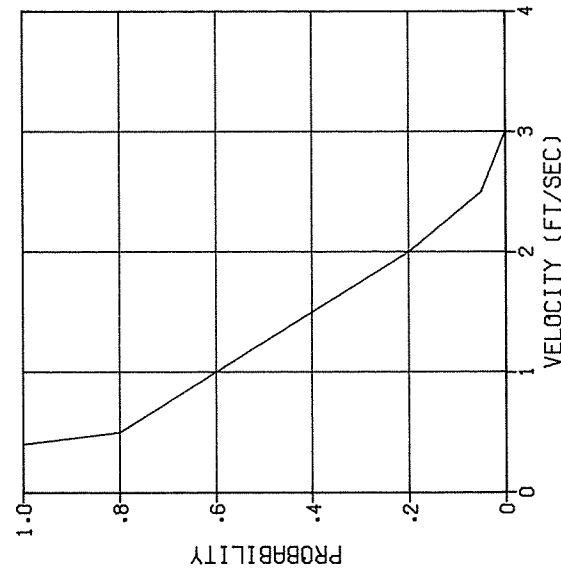
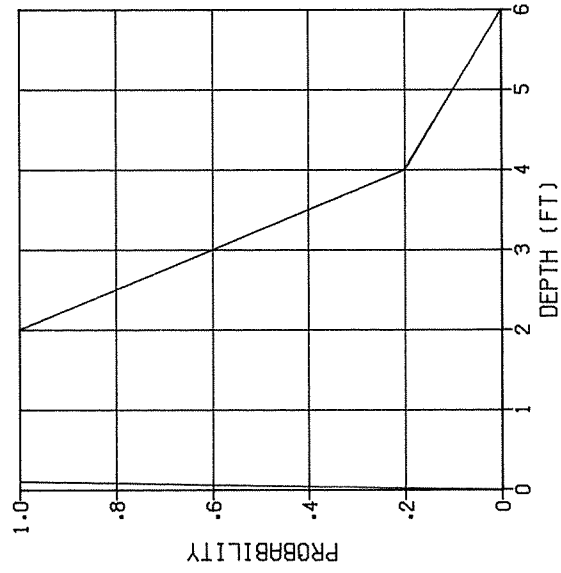


Figure 54. Velocity and depth probability of use criteria for Dolly Varden juveniles.

DOLLY VARDEN JUVENILES

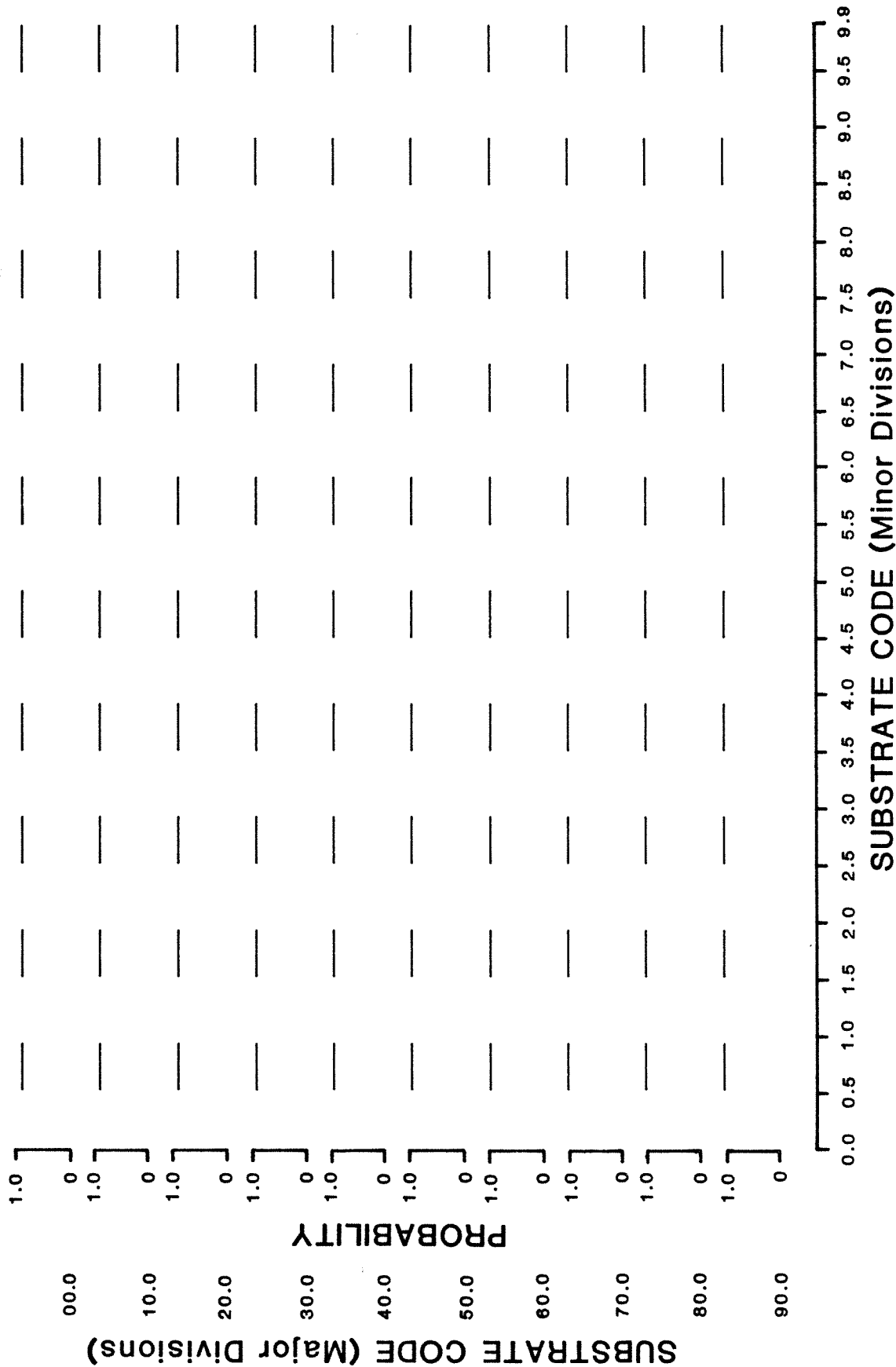


Figure 55. Substrate probability of use criteria (Washington State Coding System) for Dolly Varden juveniles.

## CUTTHROAT TROUT

## SPAWNING

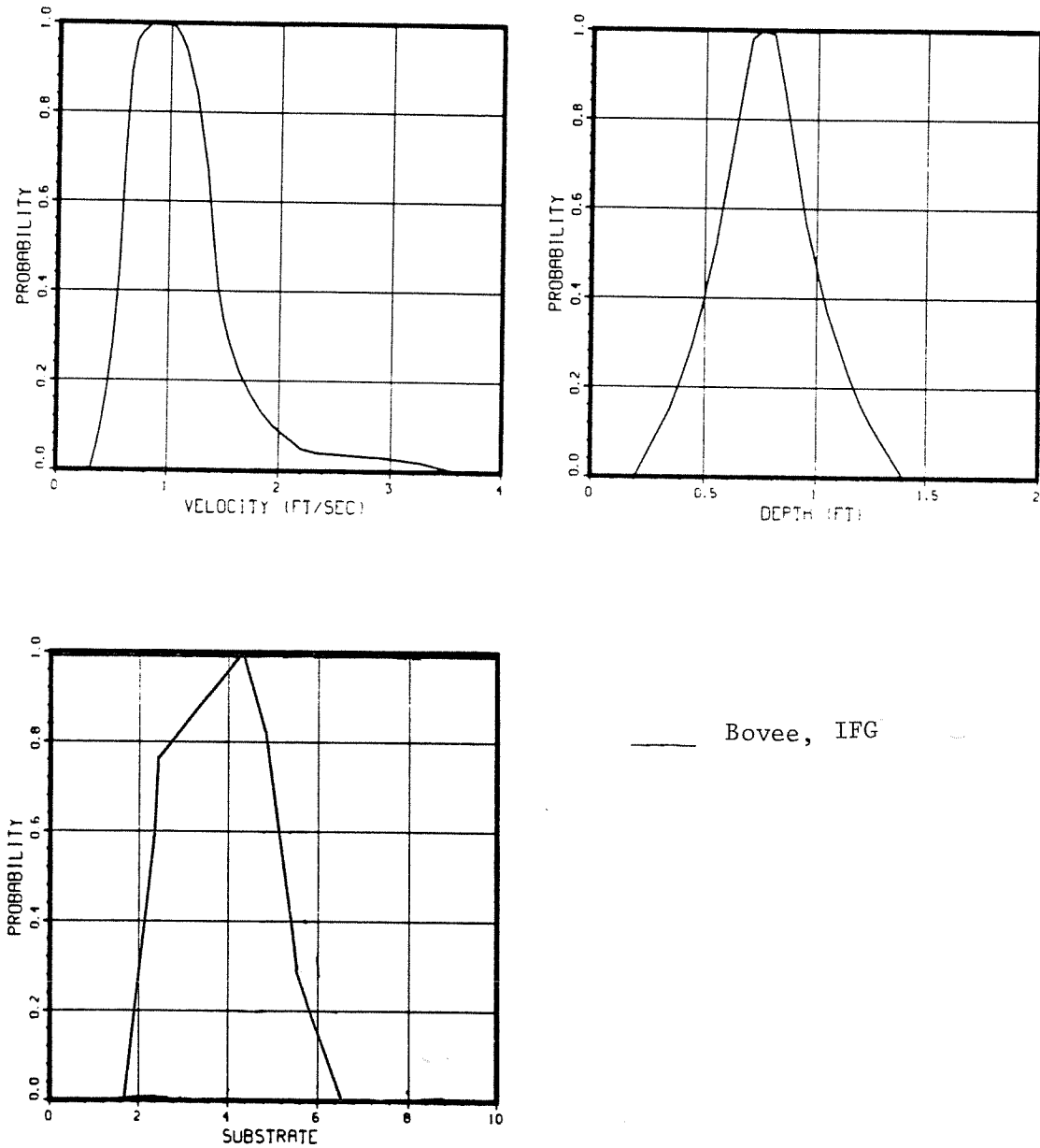


Figure 56. Velocity, depth and substrate probability of use criteria for spawning cutthroat trout.

Table 17. Cutthroat trout spawning substrate probability of use coordinates recoded to Washington classification system.

IFG	
X	Y
1.7	0
2.4	0.6
2.5	0.76
4.3	1.0
4.8	0.83
5.6	0.30
6.5	0.0

Figures 57 and 58. The substrate curve for spawning cutthroat was assumed to be the same as that for rainbow trout.

Cutthroat trout/fry. The velocity, depth and substrate curves (Figure 59 and Table 18) prepared by the IFG from Oregon State data (10) have been modified by the WDG staff. The left limb of the velocity curves (Figure 60) have been altered such that for velocity less than 0.5 ft/sec  $p=1.0$ . The entire depth curve has been shifted to the left with additional changes to its shape. The substrate curve has been expanded to the left and right (Figure 61). The modified criteria were used in a partial IFIM analysis.

Cutthroat trout/juvenile. The IFG curves (Figure 62 and Table 19) developed from Oregon State data (10) are the basis for the selected juvenile criteria (Figure 63 and 64) used in a partial IFIM analysis. The substrate curve has been expanded to the left and right on the recommendation of WDG staff.

Cutthroat trout/adults. The IFG curves (Figure 65 and Table 20) developed from Oregon data (10) with modifications by WDG staff form the selected adult cutthroat curves (Figure 66 and 67) used in a partial IFIM analysis. The depth curve was changed by WDG by making it open ended beyond 1.5 ft. The substrate curve was expanded on the right limb by WDG staff.

Mountain whitefish/spawning. The IFG curves (Figure 68 and Table 21) developed from Montana data (20, 21) for spawning were selected (Figures 69 and 70) for use in a partial IFIM analysis.

Mountain whitefish/fry. The IFG curves (Figure 71 and Table 22) developed from Idaho data (22) for fry were selected (Figures 72 and 73) for use in a partial IFIM analysis.

Mountain whitefish/juvenile. The IFG curves (Figure 74 and Table 23) developed from Idaho data (22) for juveniles were selected (Figures 75 and 76)

# CUTTHROAT TROUT SPAWNING

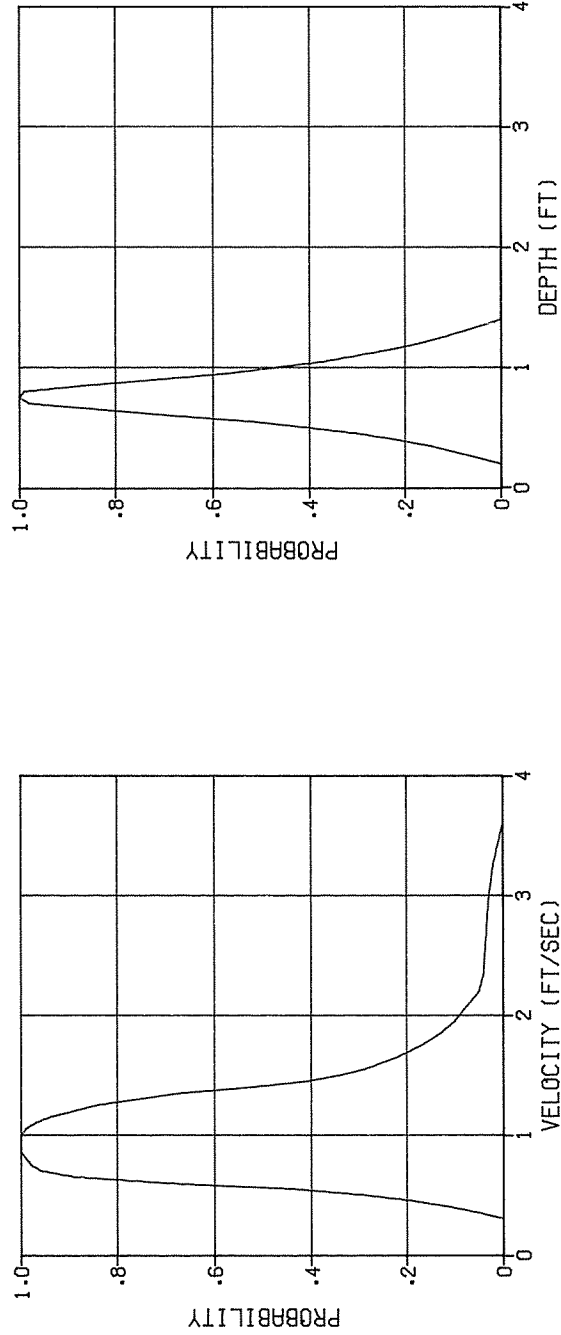


Figure 57. Velocity and depth probability of use criteria for spawning cutthroat trout.

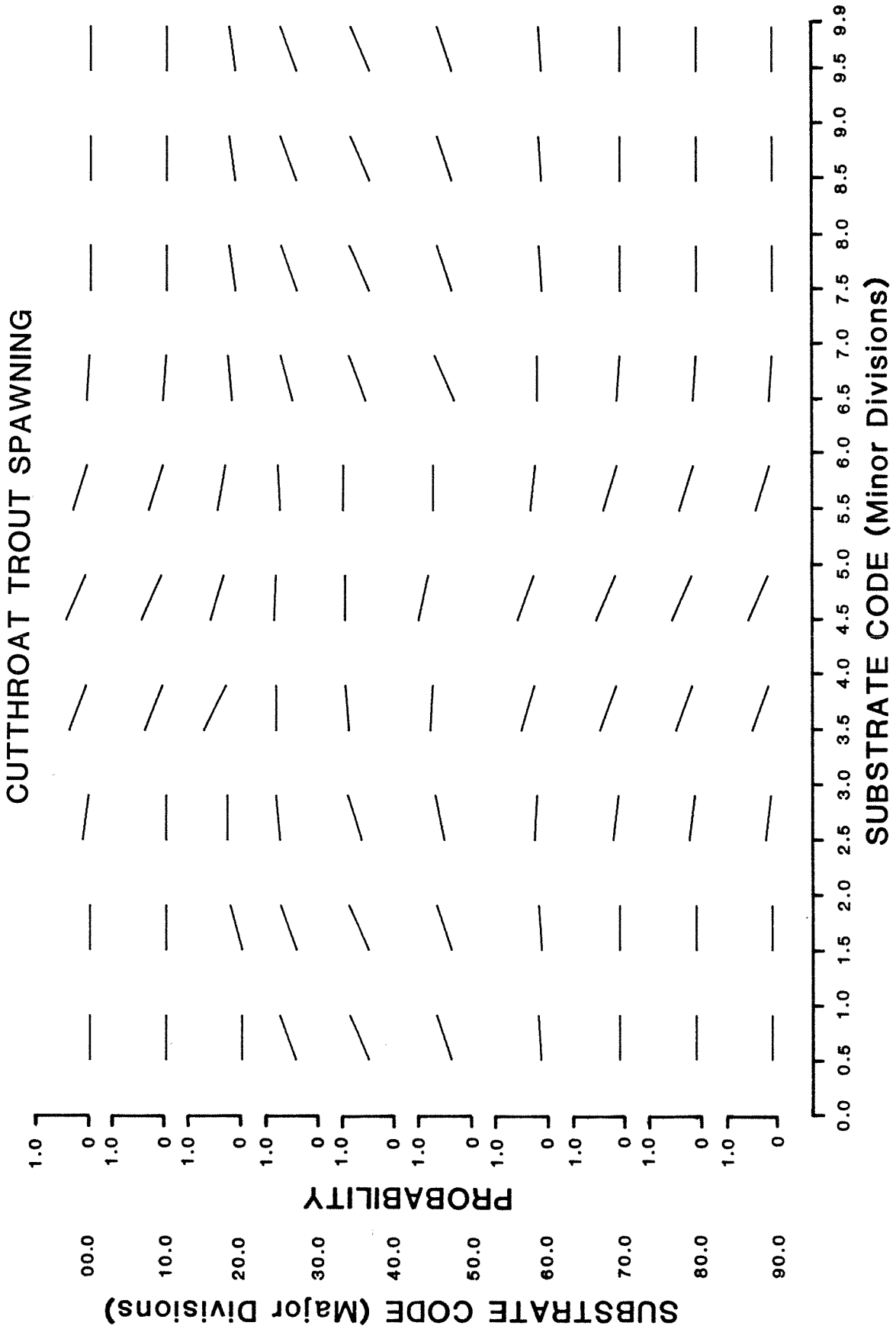


Figure 58. Substrate probability of use criteria (Washington State Coding System) for spawning cutthroat trout.

# CUTTHROAT TROUT

## FRY

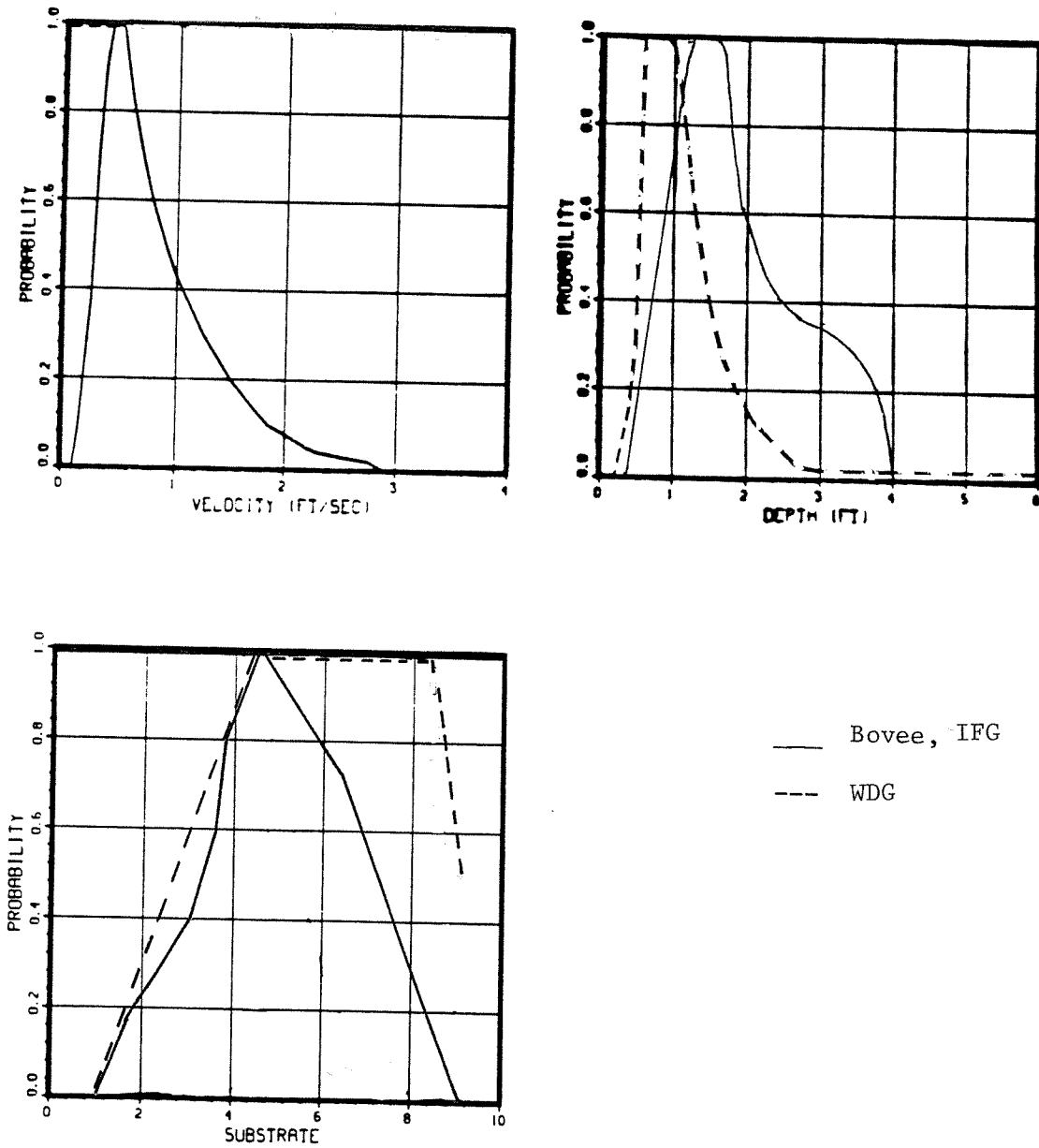


Figure 59. Velocity, depth and substrate probability of use criteria for cutthroat trout fry.

Table 18. Habitat probability of use coordinates for cutthroat trout fry. Substrate curve coordinates recoded to Washington classification system.

	Depth		Substrate			
	WDG		IFG		WDG	
	X	Y	X	Y	X	Y
Same as IFG rainbow trout fry. See Table 17.			1.0	0	1.0	0
			1.7	0.18	4.3	1.0
			3.1	0.4	8.4	1.0
			3.6	0.6	9.6	0.5
			3.8	0.8		
			4.3	0.96		
			4.7	1.0		
			6.5	7.2		
			9.0	0.0		

# CUTTHROAT TROUT FRY

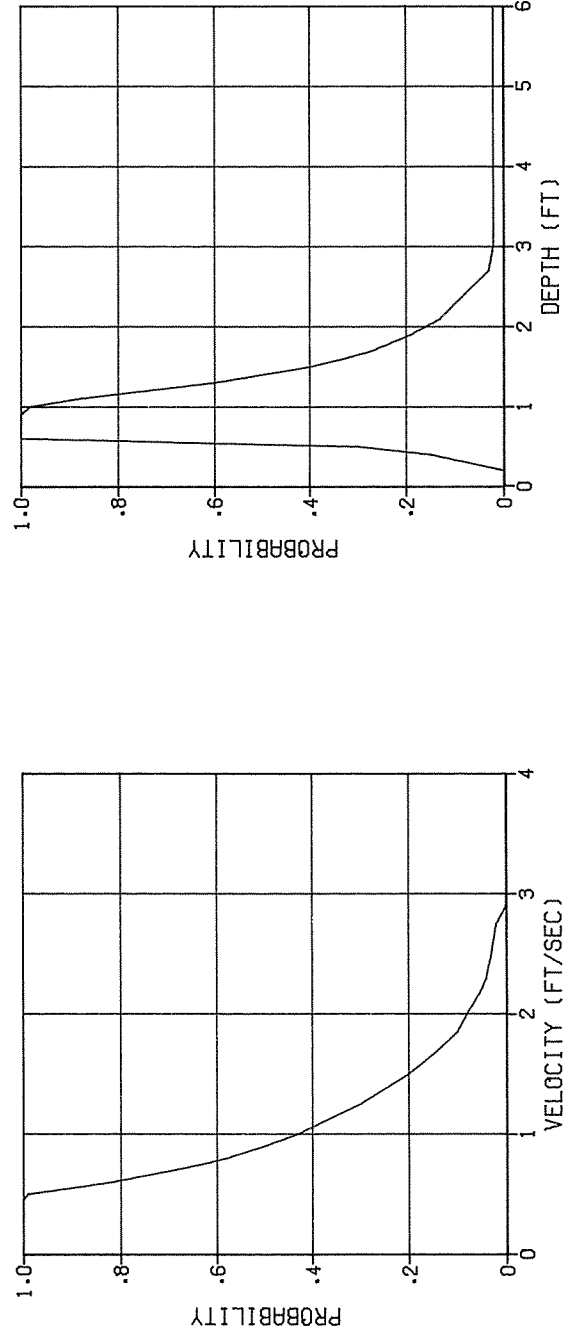


Figure 60. Velocity and depth probability of use criteria for cutthroat trout fry.

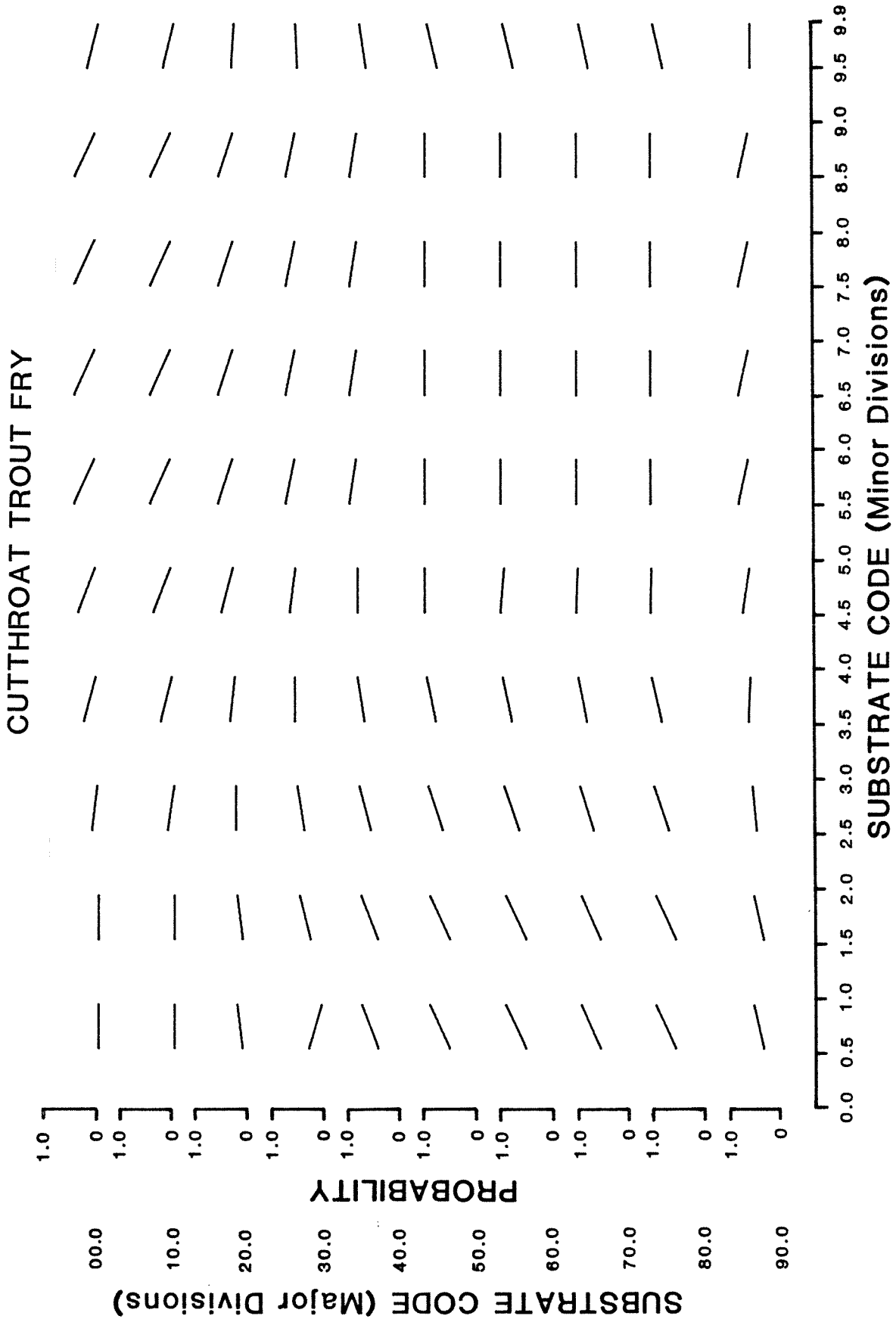


Figure 61. Substrate probability of use criteria (Washington State Coding System) for cutthroat trout fry.

CUTTHROAT TROUT  
JUVENILE

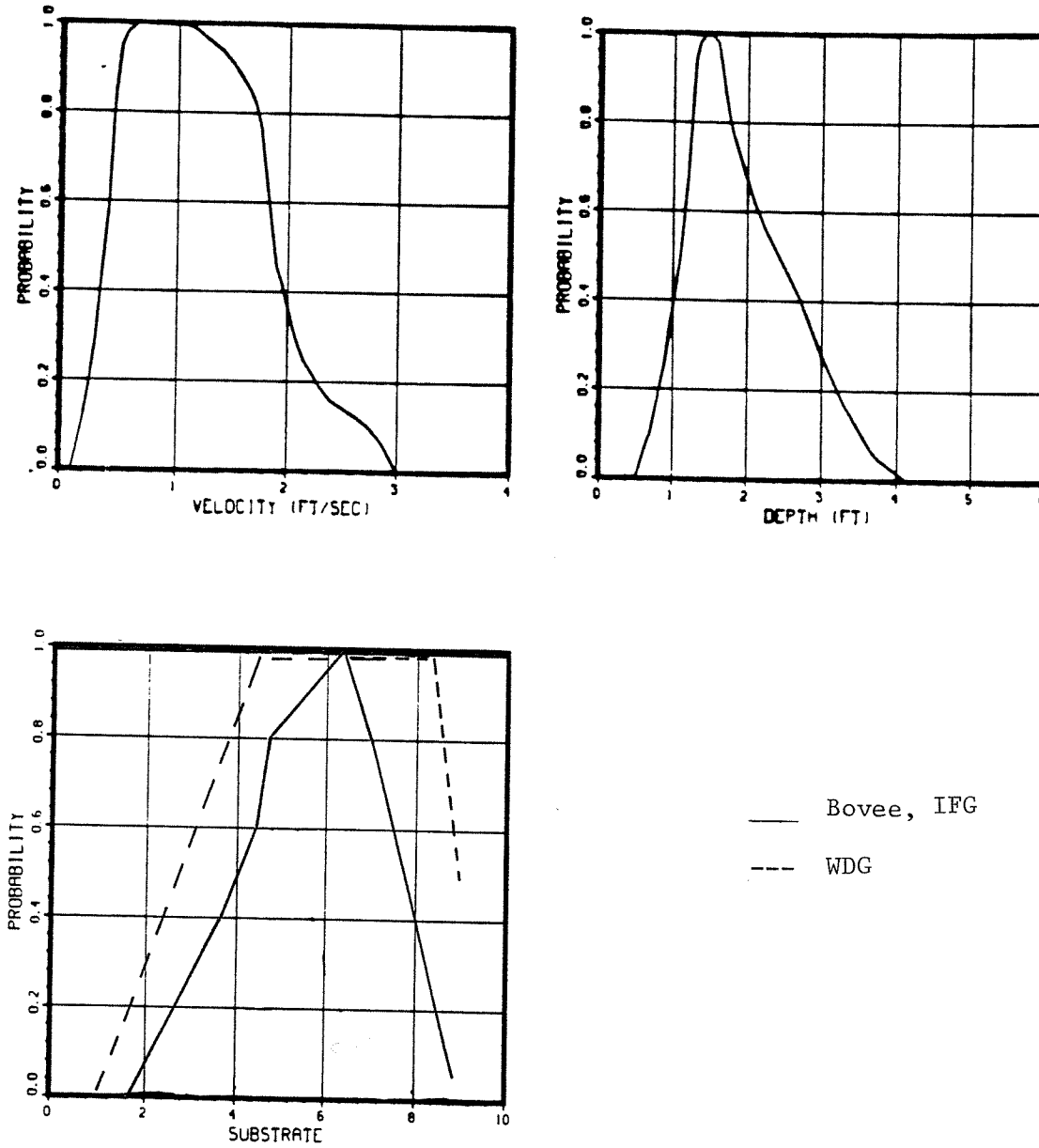


Figure 62. Velocity, depth and substrate probability of use criteria for juvenile cutthroat trout.

Table 19. Cutthroat trout juvenile substrate probability of use coordinates recoded to Washington classification system.

IFG		WDG	
X	Y	X	Y
1.7	0	1.0	0
3.6	0.4	4.3	1.0
4.3	0.6	8.4	1.0
4.7	0.8	9.0	0.5
6.5	1.0		
7.1	0.8		
9.0	0.08		

# CUTTHROAT TROUT JUVENILES

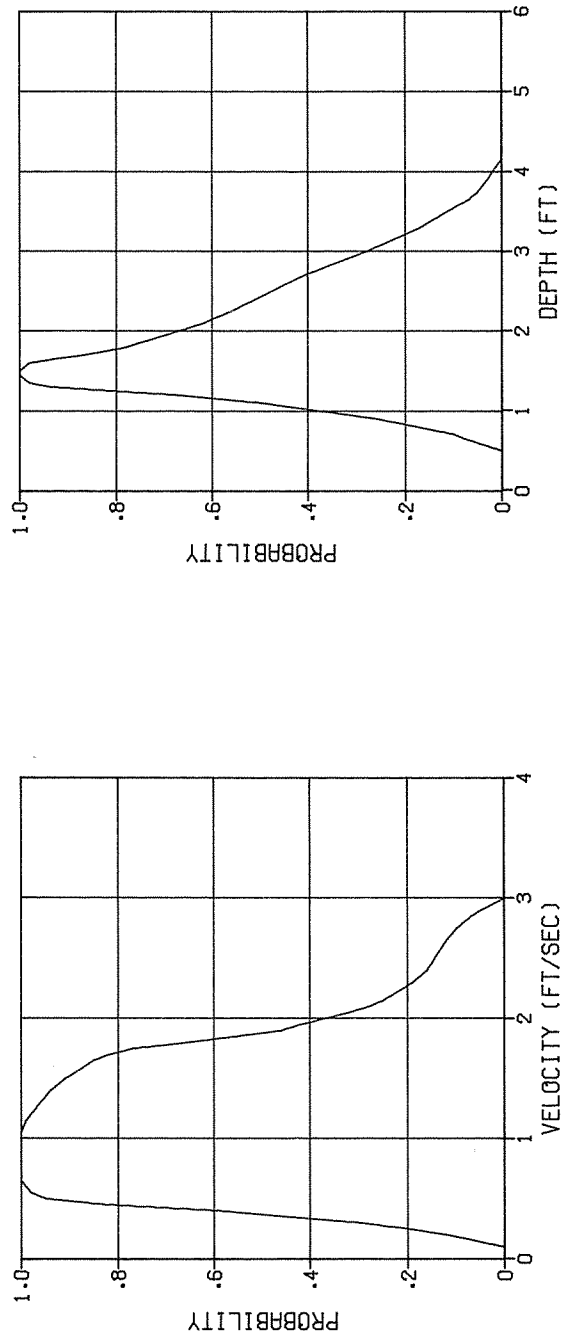


Figure 63. Velocity and depth probability of use criteria for cutthroat trout juveniles.

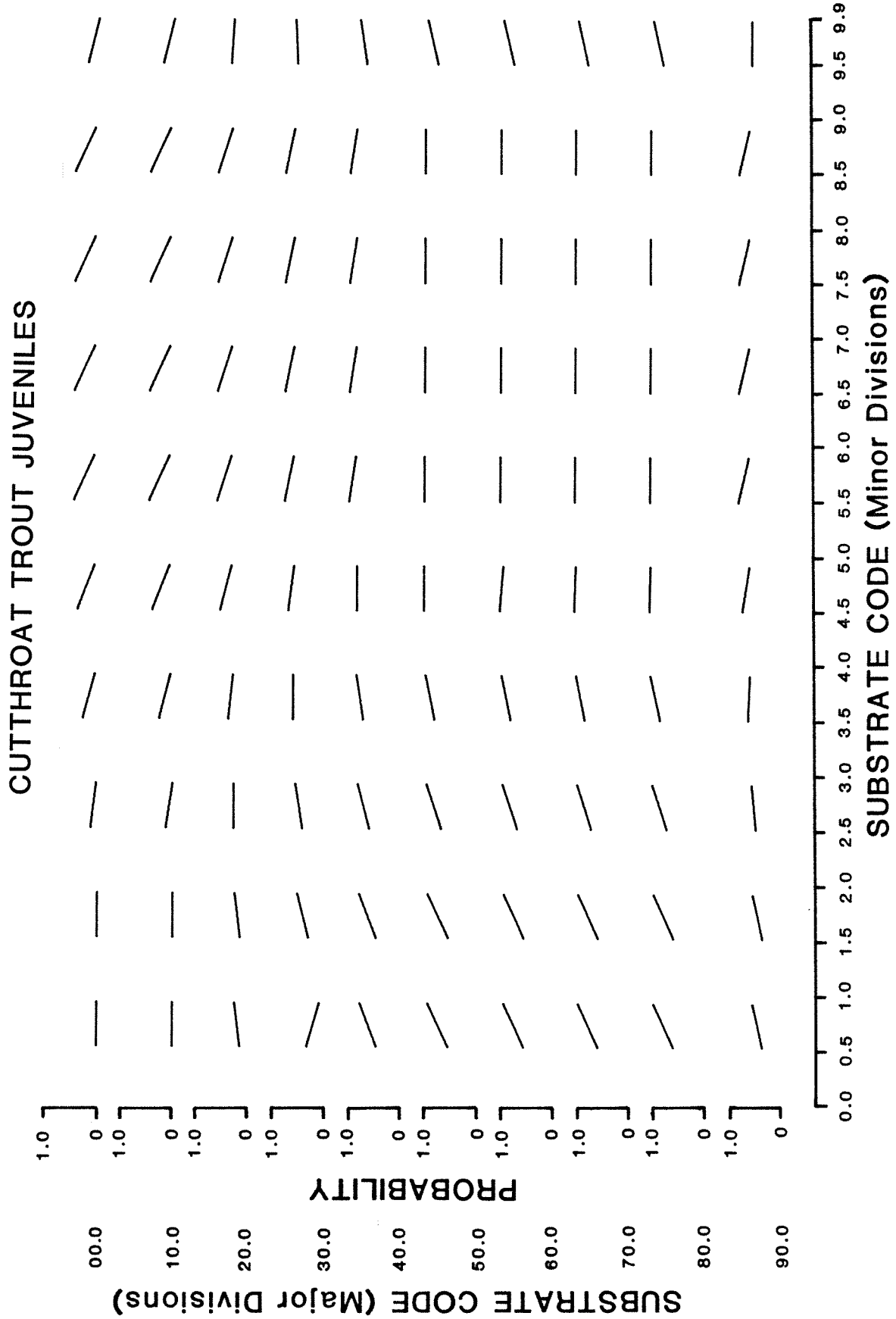


Figure 64. Substrate probability of use criteria (Washington State Coding System) for cutthroat trout juveniles.

## CUTTHROAT TROUT

## ADULTS

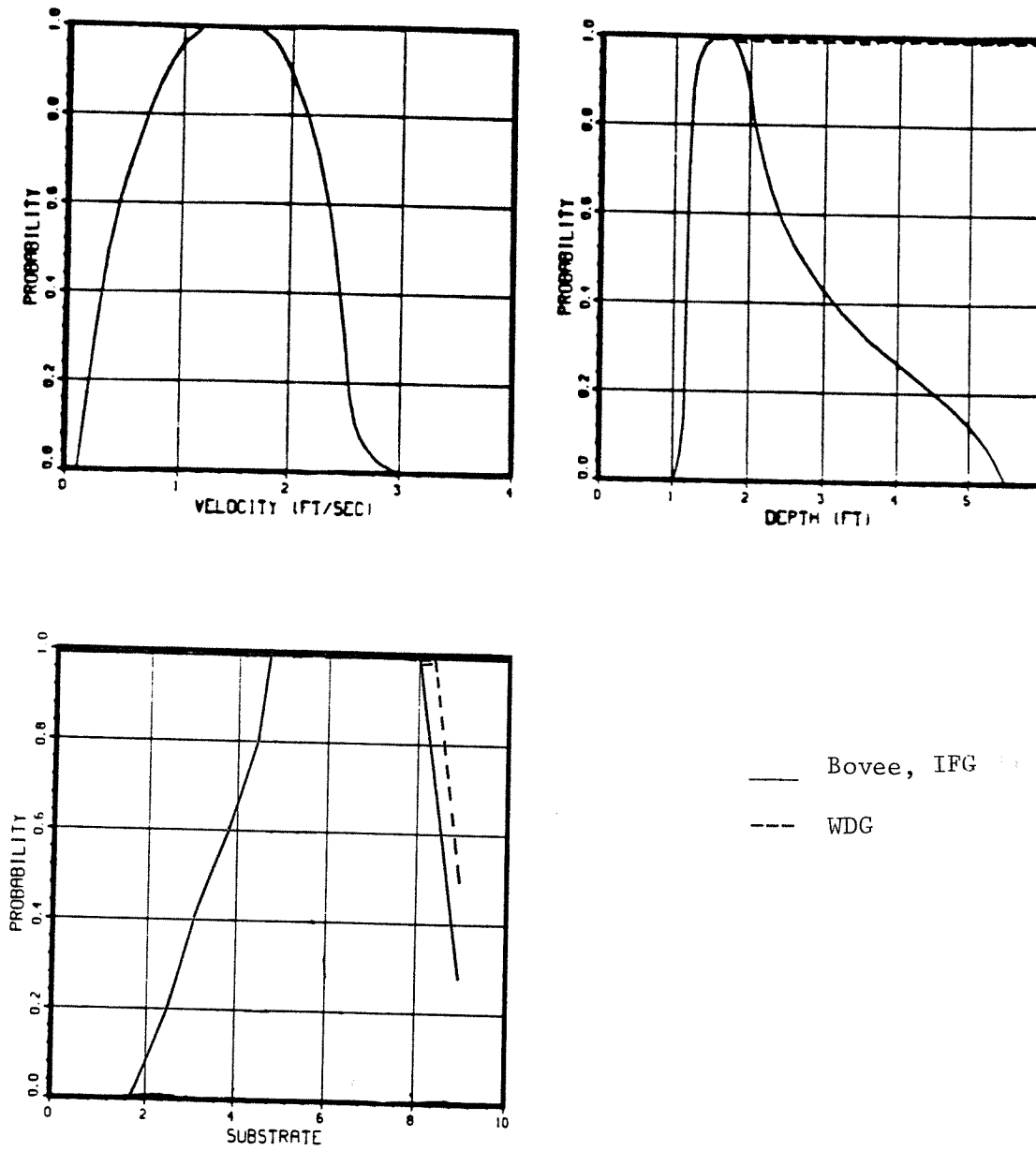


Figure 65. Velocity, depth and substrate probability of use criteria for adult cutthroat trout.

Table 20. Cutthroat trout adult substrate probability of use coordinates recoded to Washington classification system.

IFG		WDG	
X	Y	X	Y
1.7	0	1.7	0
2.4	0.2	2.4	0.2
3.1	0.4	3.1	0.4
3.8	0.6	3.8	0.6
4.3	0.8	4.3	0.8
4.3	0.92	4.3	0.92
4.7	1.0	4.7	1.0
8.0	1.0	8.4	1.0
9.0	2.8	9.0	0.5

# CUTTHROAT TROUT ADULTS

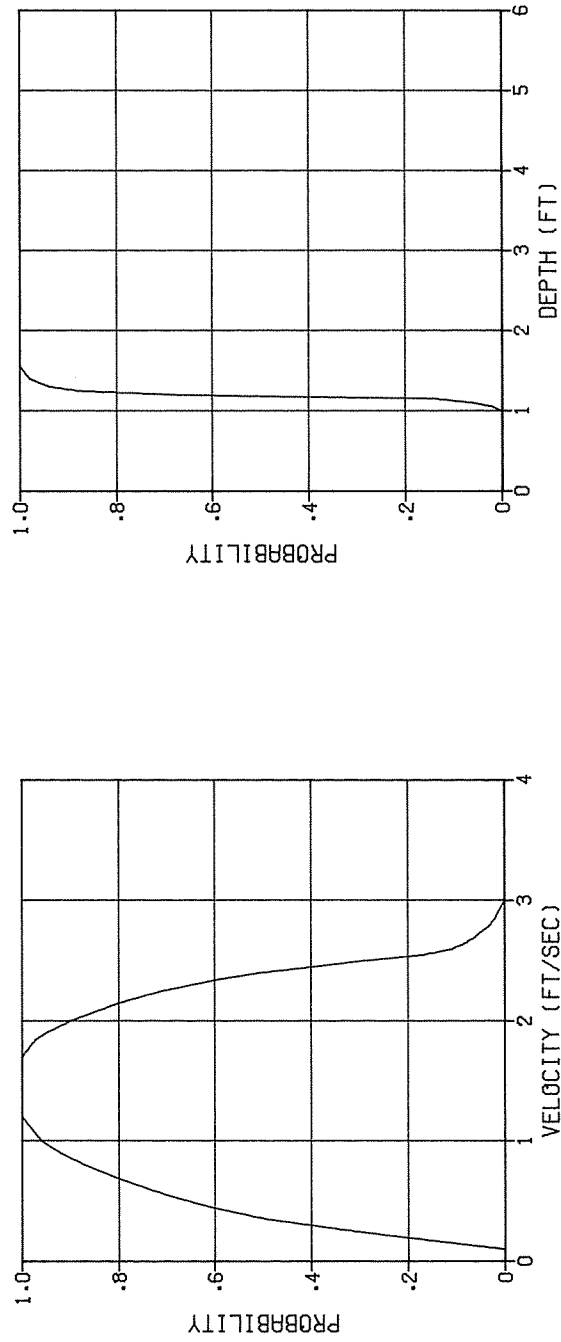


Figure 66. Velocity and depth probability of use criteria for cutthroat trout adults.

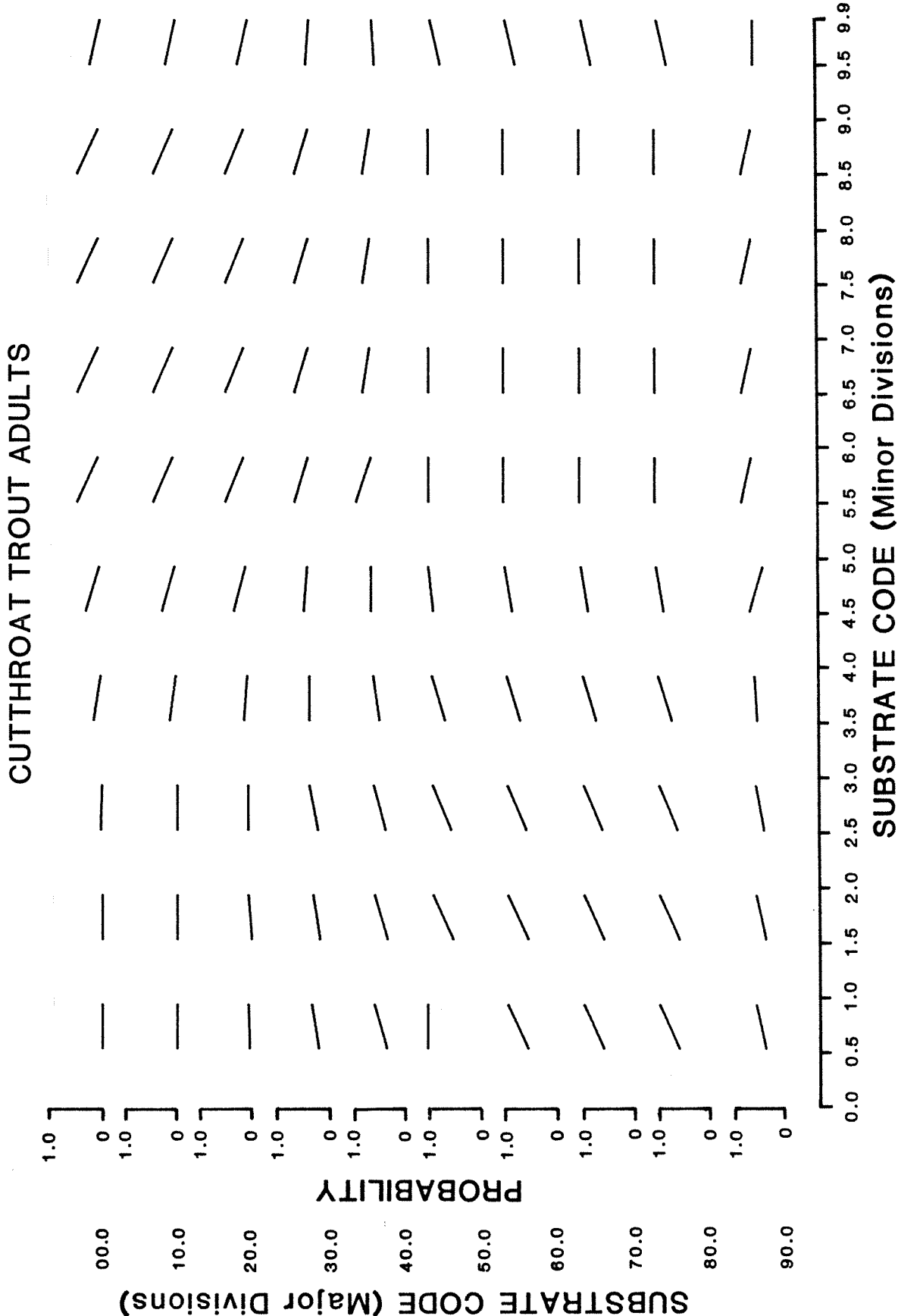


Figure 67. Substrate probability of use criteria (Washington State Coding System) for cutthroat trout adults.

MOUNTAIN WHITEFISH  
SPAWNING

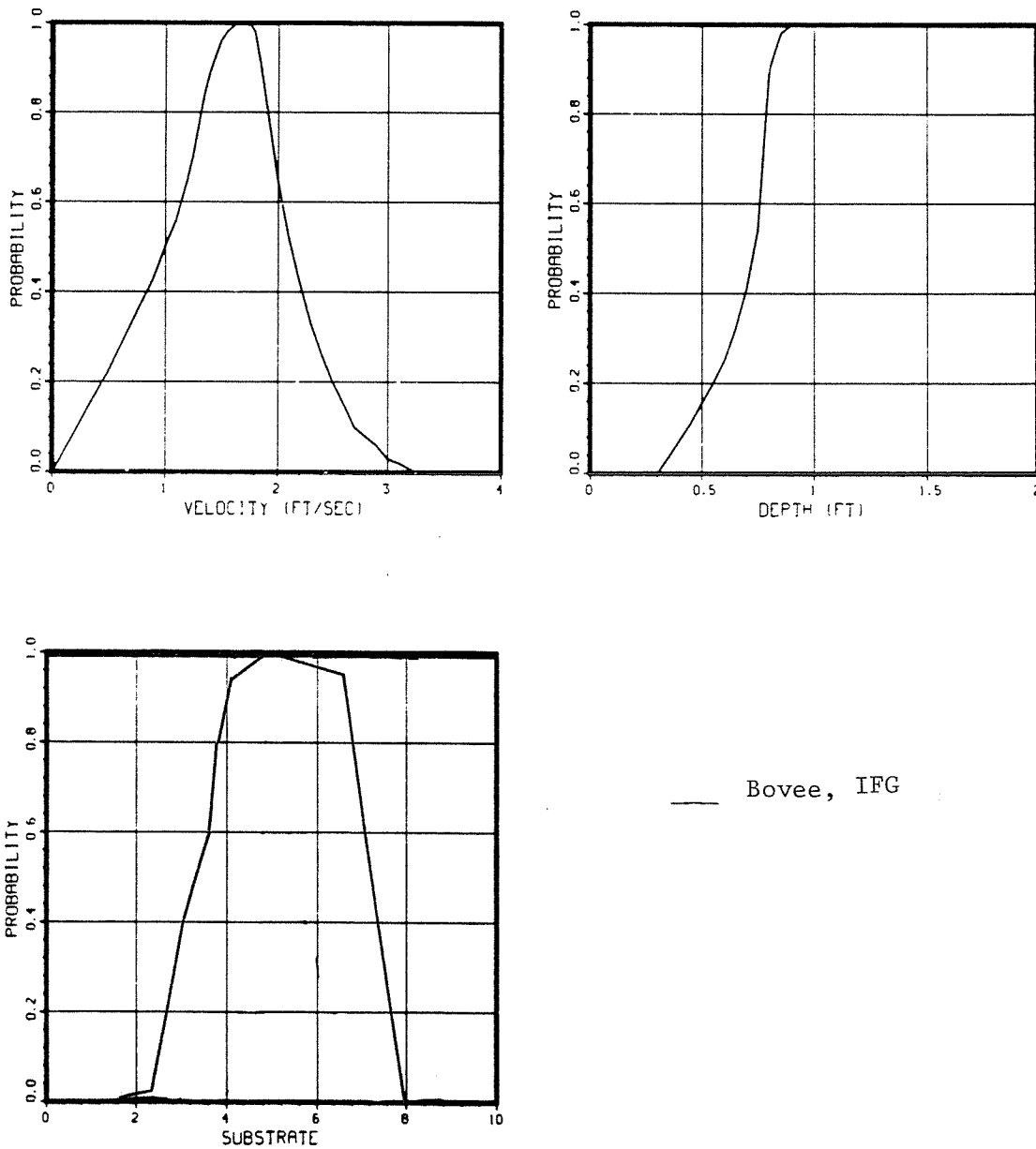


Figure 68. Velocity, depth and substrate probability of use criteria for spawning mountain whitefish.

Table 21. Mountain whitefish spawning substrate probability of use coordinates recoded to Washington classification system.

IFG	
X	Y
1.7	0
2.4	0.2
3.1	0.4
3.6	0.6
3.8	0.8
4.1	0.92
4.7	1.0
5.2	1.0
6.5	0.95
8.0	0.0

# MOUNTAIN WHITEFISH SPAWNING

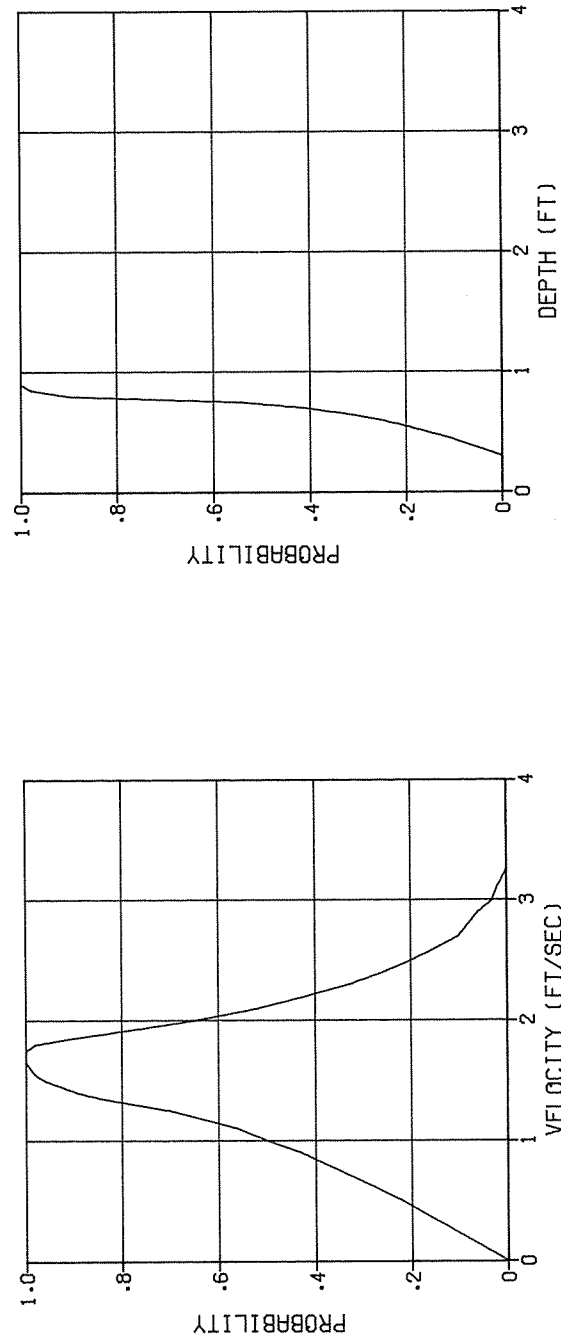


Figure 69. Velocity and depth probability of use criteria for spawning mountain whitefish.

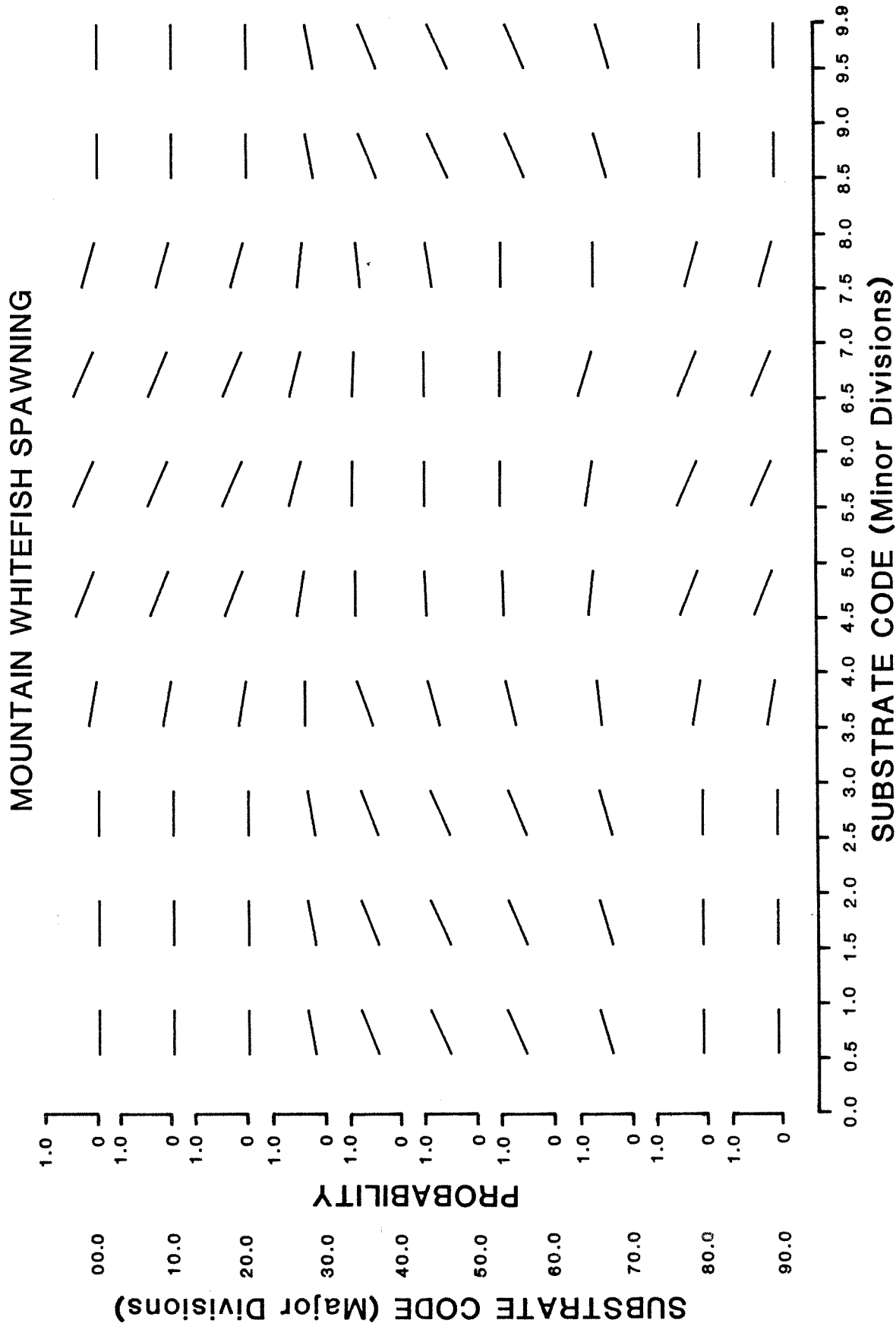


Figure 70. Substrate probability of use criteria (Washington State Coding System) for spawning mountain whitefish.

MOUNTAIN WHITEFISH  
FRY

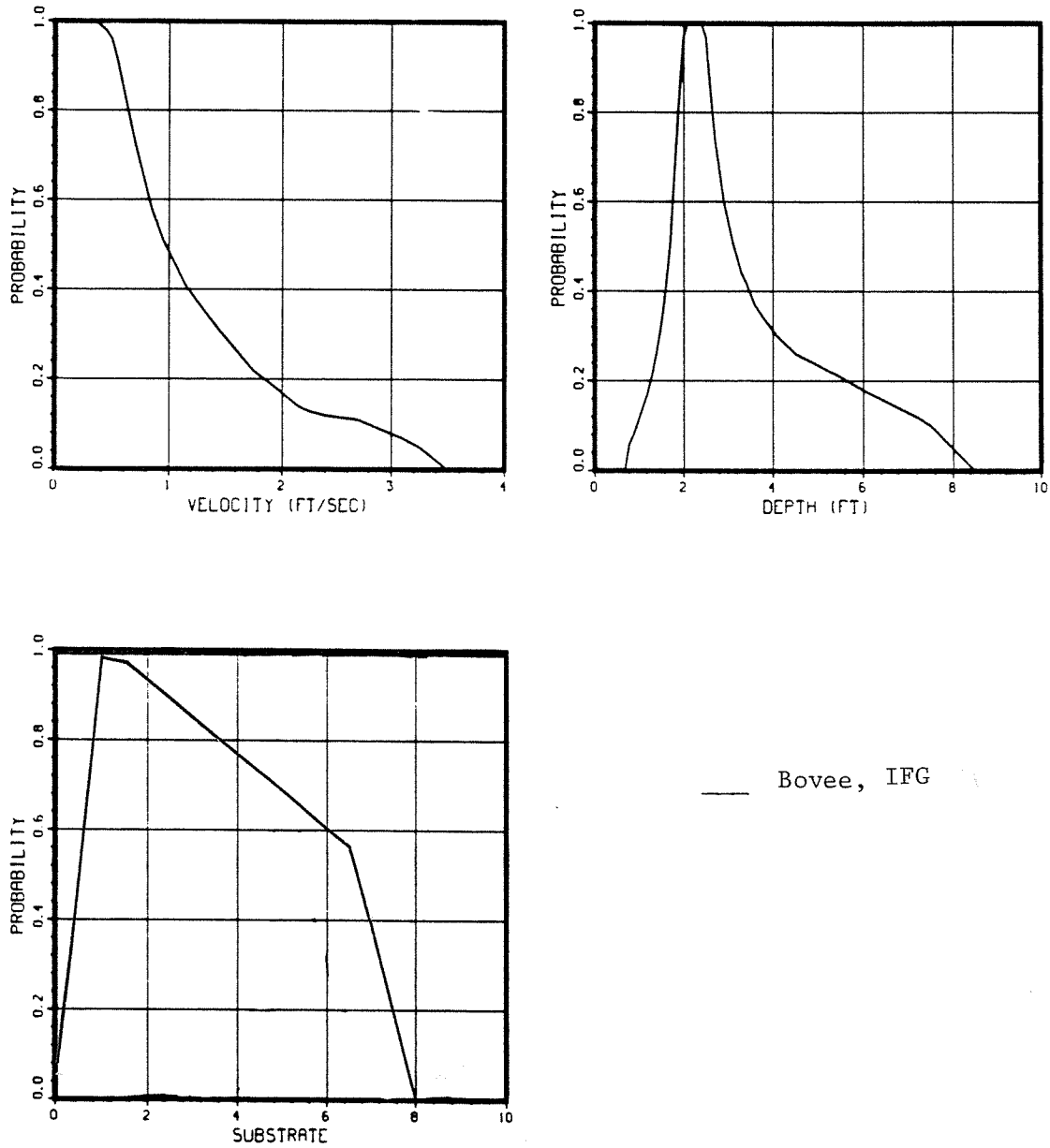


Figure 71. Velocity, depth and substrate probability of use criteria for mountain whitefish fry.

Table 22. Mountain whitefish fry substrate probability of use coordinates recoded to Washington classification system.

IFG	
X	Y
0	0.05
1.0	1.0
1.5	0.98
3.6	0.8
6.5	0.56
7.1	0.4
8.0	0.0

MOUNTAIN WHITEFISH  
FRY

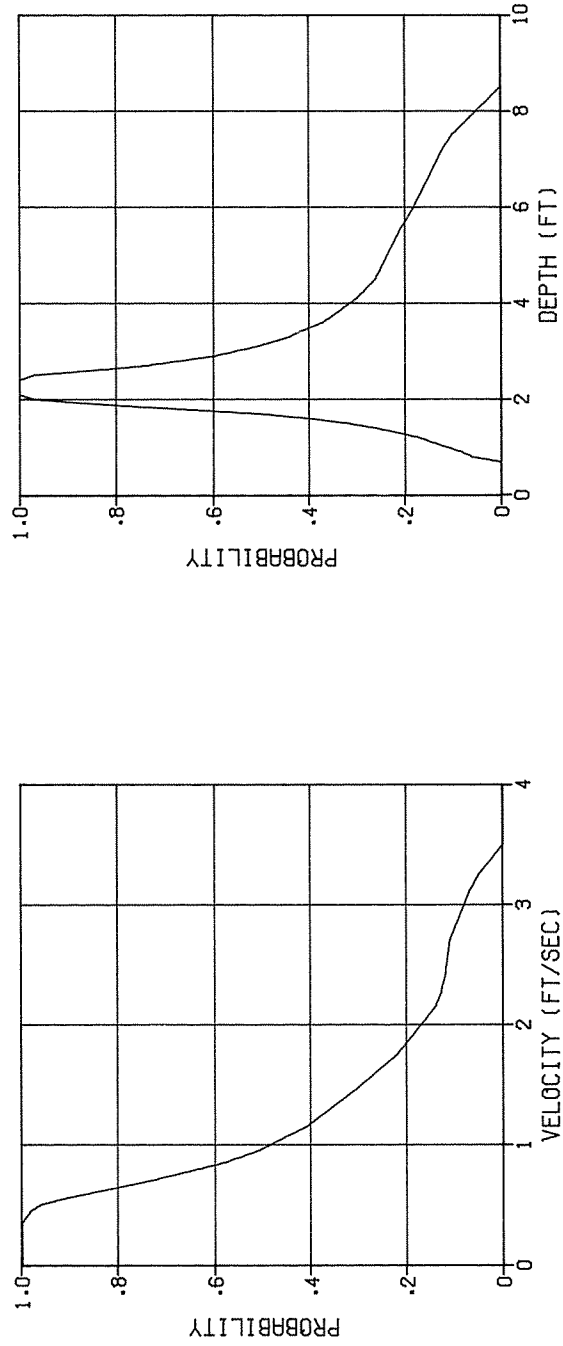


Figure 72. Velocity and depth probability of use criteria for mountain whitefish fry.

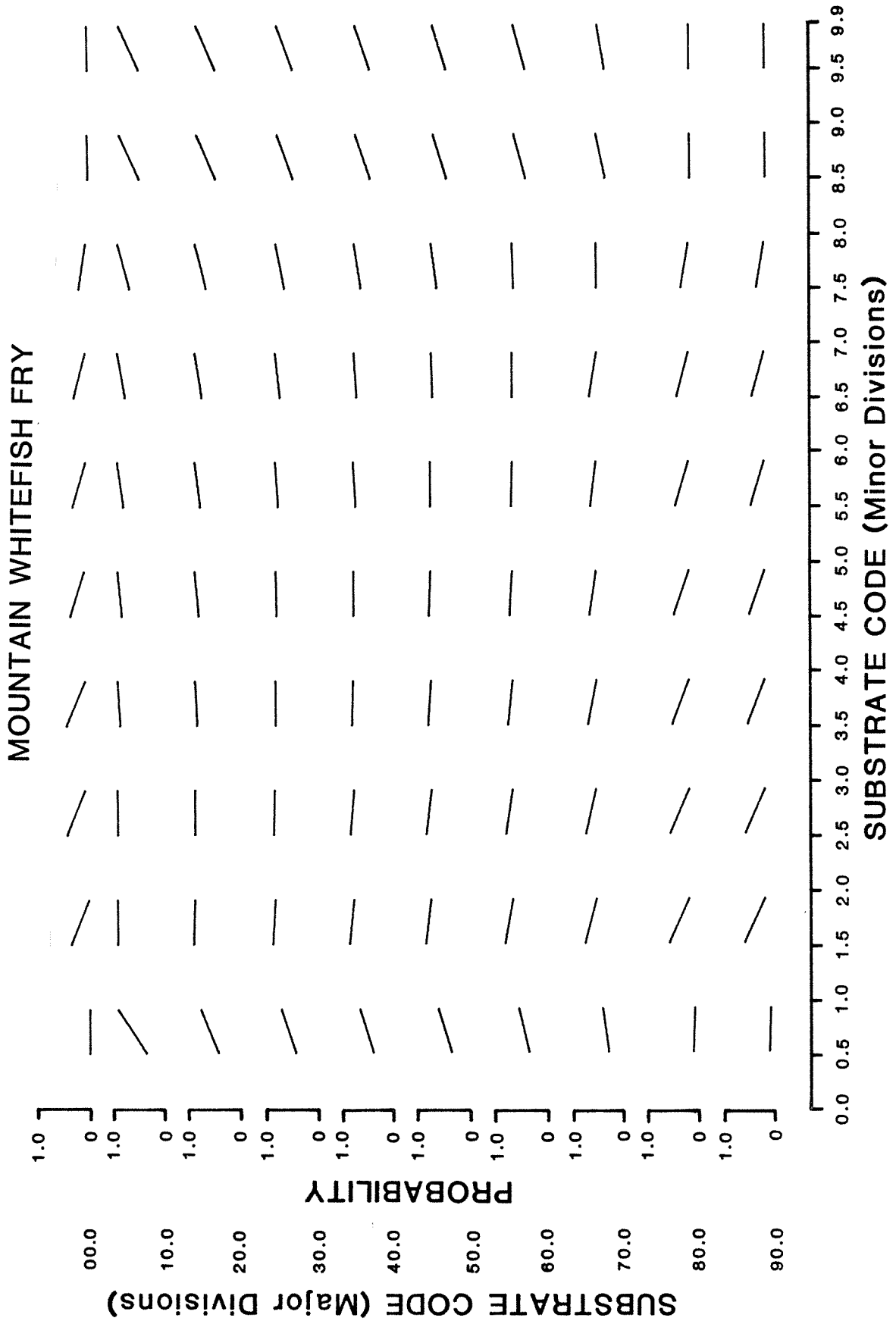


Figure 73. Substrate probability of use criteria (Washington State Coding System) for mountain white fry.

# MOUNTAIN WHITEFISH JUVENILE

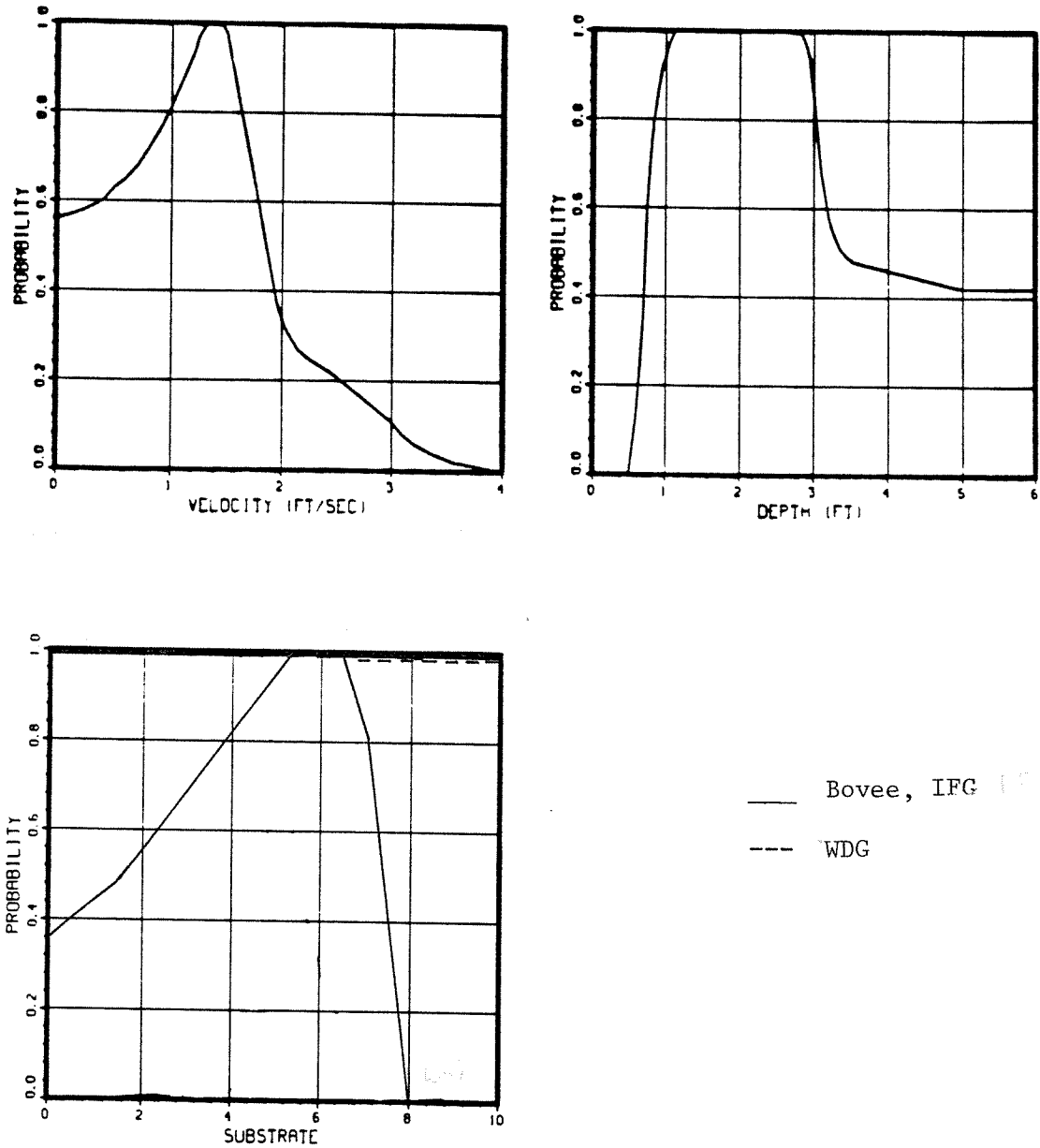


Figure 74. Velocity, depth and substrate probability of use criteria for juvenile mountain whitefish.

Table 23. Mountain whitefish juvenile substrate probability of use coordinates recoded to Washington classification system.

IFG		WDG	
X	Y	X	Y
0	0.36	0	0.36
1.5	0.48	1.5	0.48
5.2	1.0	5.2	1.0
6.5	1.0	100	1.0
7.1	0.8		
8.0	0.0		

MOUNTAIN WHITEFISH  
JUVENILES

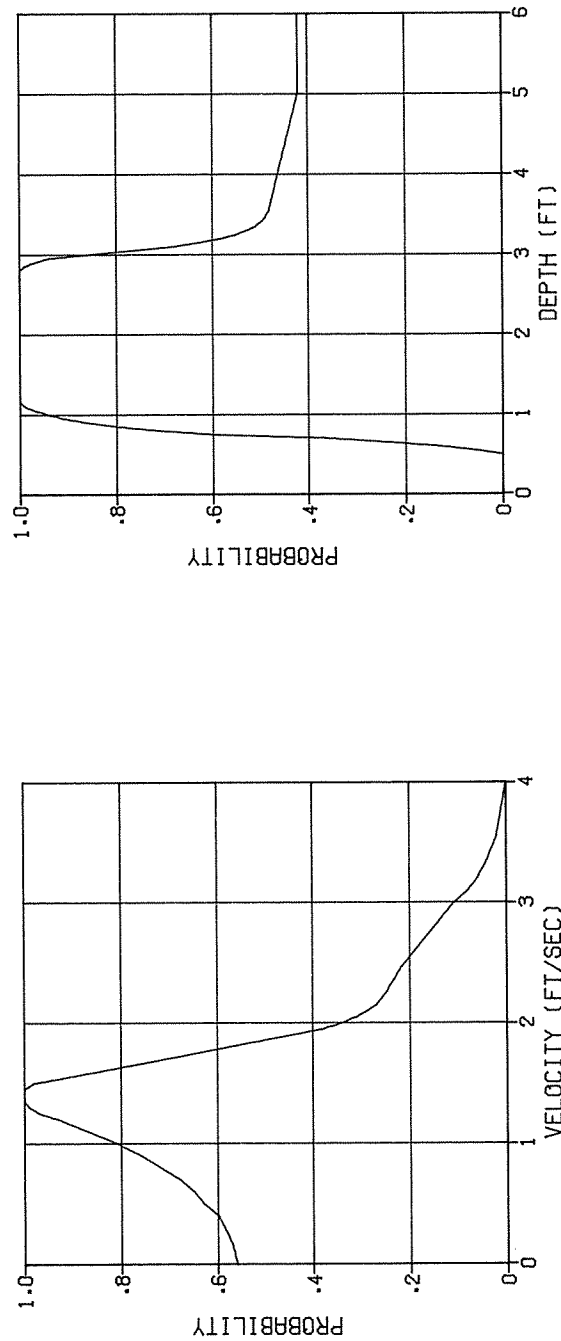


Figure 75. Velocity and depth probability of use criteria for mountain whitefish juveniles.

MOUNTAIN WHITEFISH JUVENILES

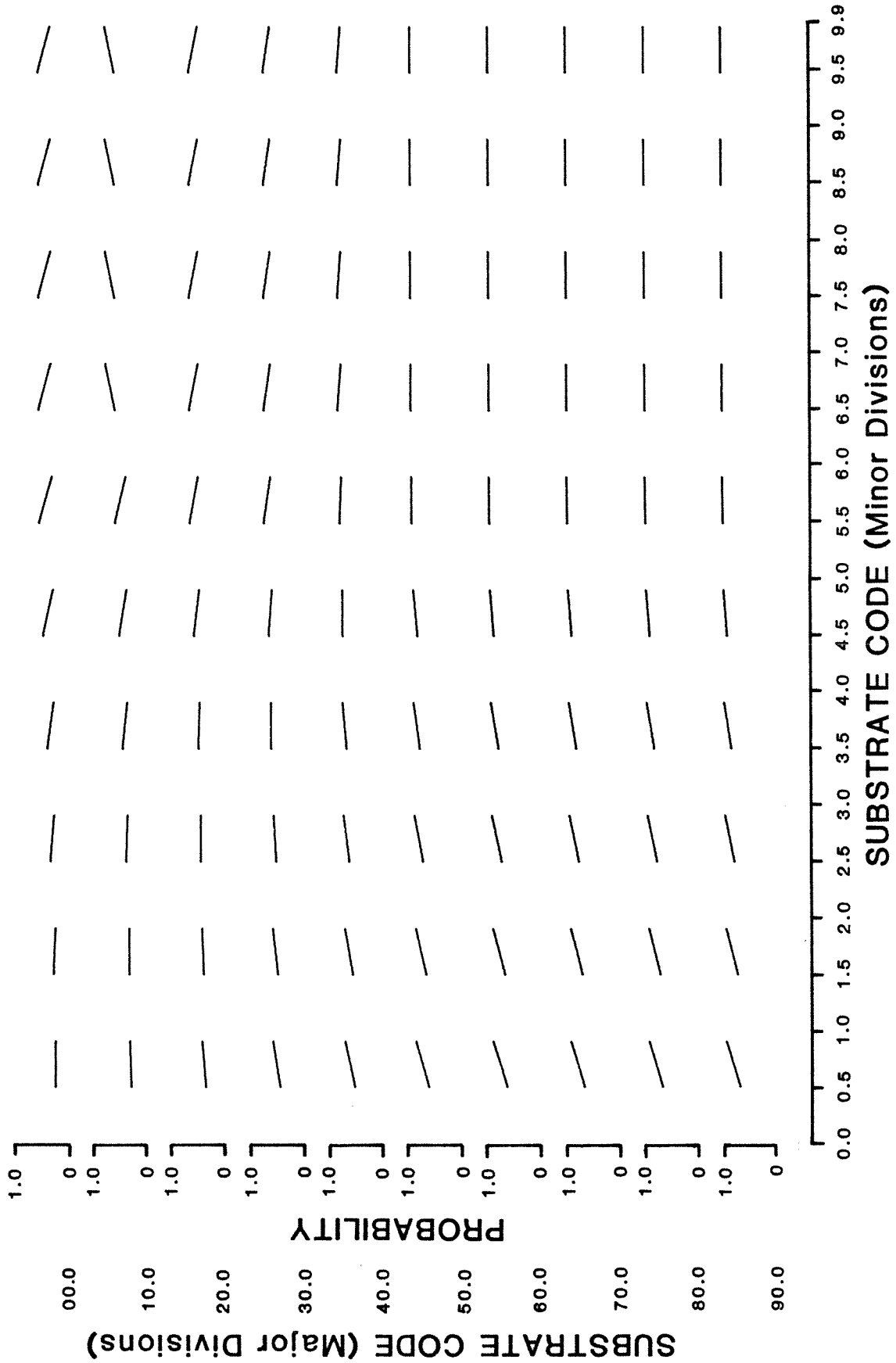


Figure 76. Substrate probability of use criteria (Washington State Coding System) for mountain whitefish juveniles.

MOUNTAIN WHITEFISH

ADULT

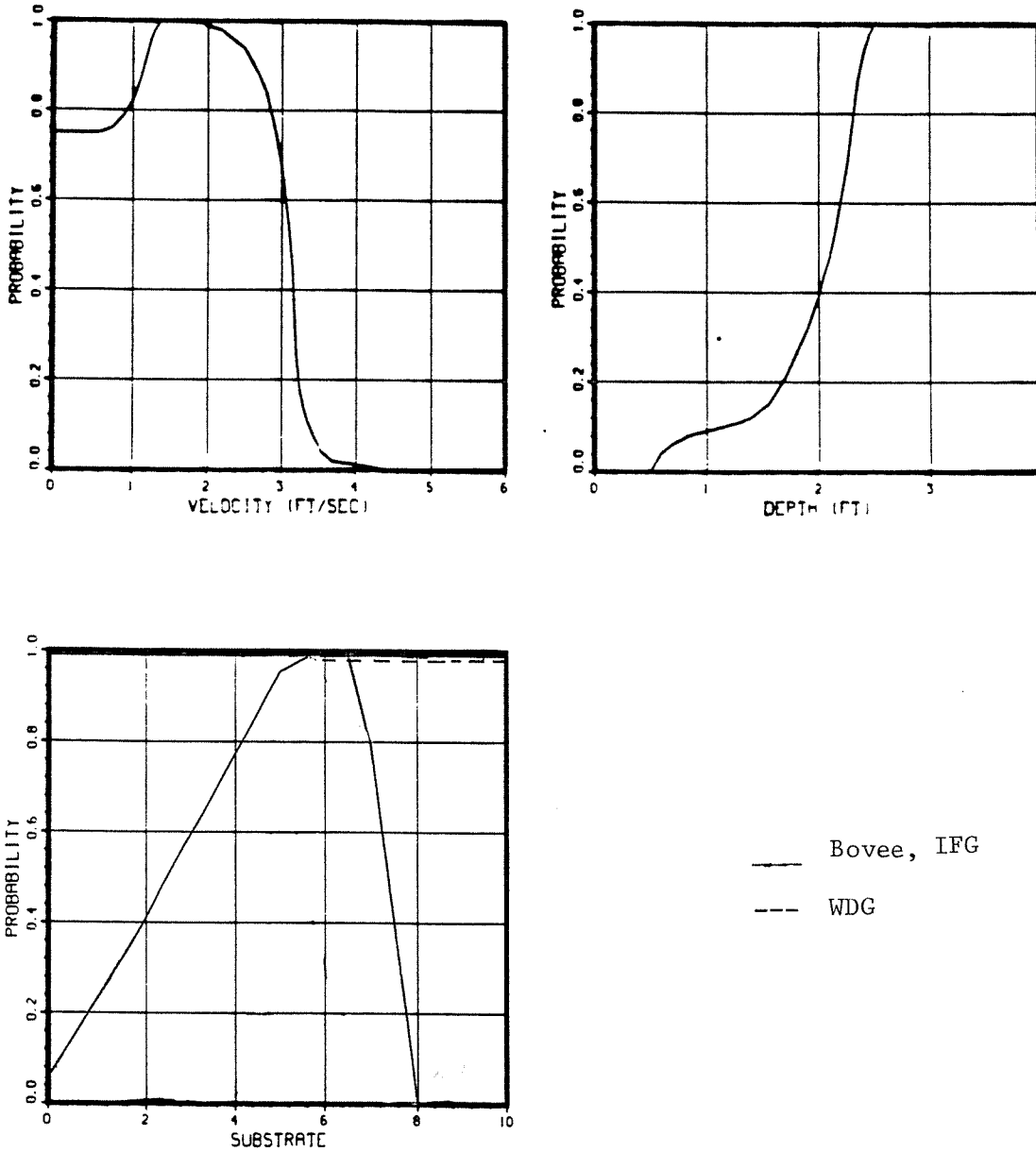


Figure 77. Velocity, depth and substrate probability of use criteria for adult mountain whitefish.

Table 24. Mountain whitefish adult substrate probability of use coordinates recoded to Washington classification system.

IFG		WDG	
X	Y	X	Y
0	0.08	0	0.08
1.5	0.32	1.5	0.32
5.0	0.96	5.0	0.96
5.6	1.0	5.6	1.0
6.5	1.0	100	1.0
7.0	0.8		
8.0	0		

MOUNTAIN WHITEFISH  
ADULTS

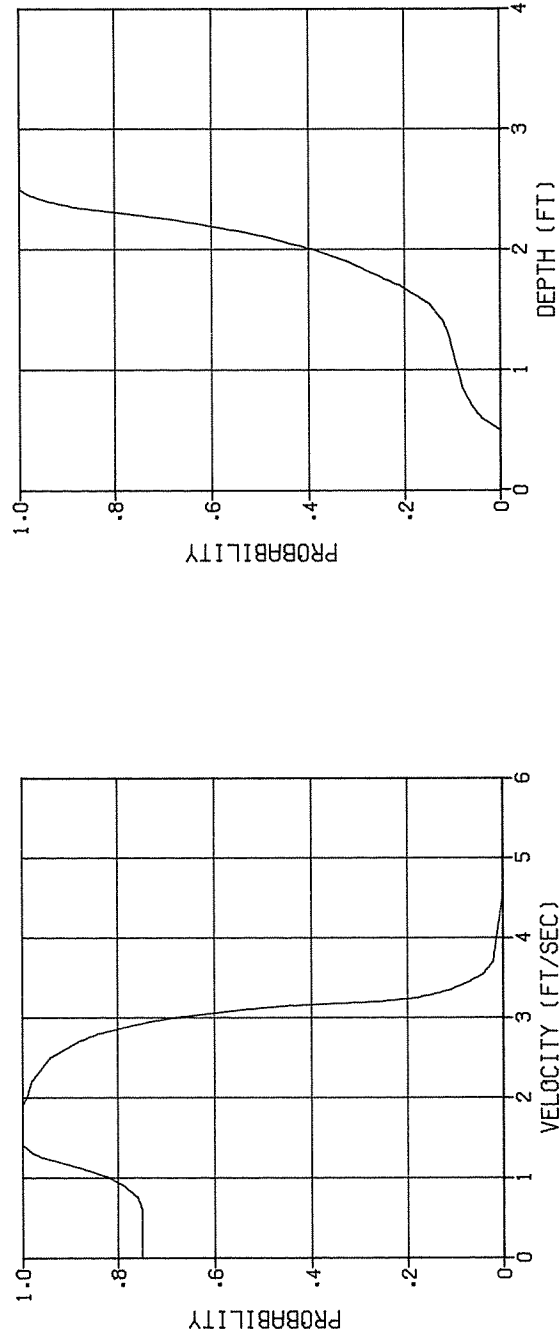


Figure 78. Velocity and depth probability of use criteria for mountain whitefish adults.

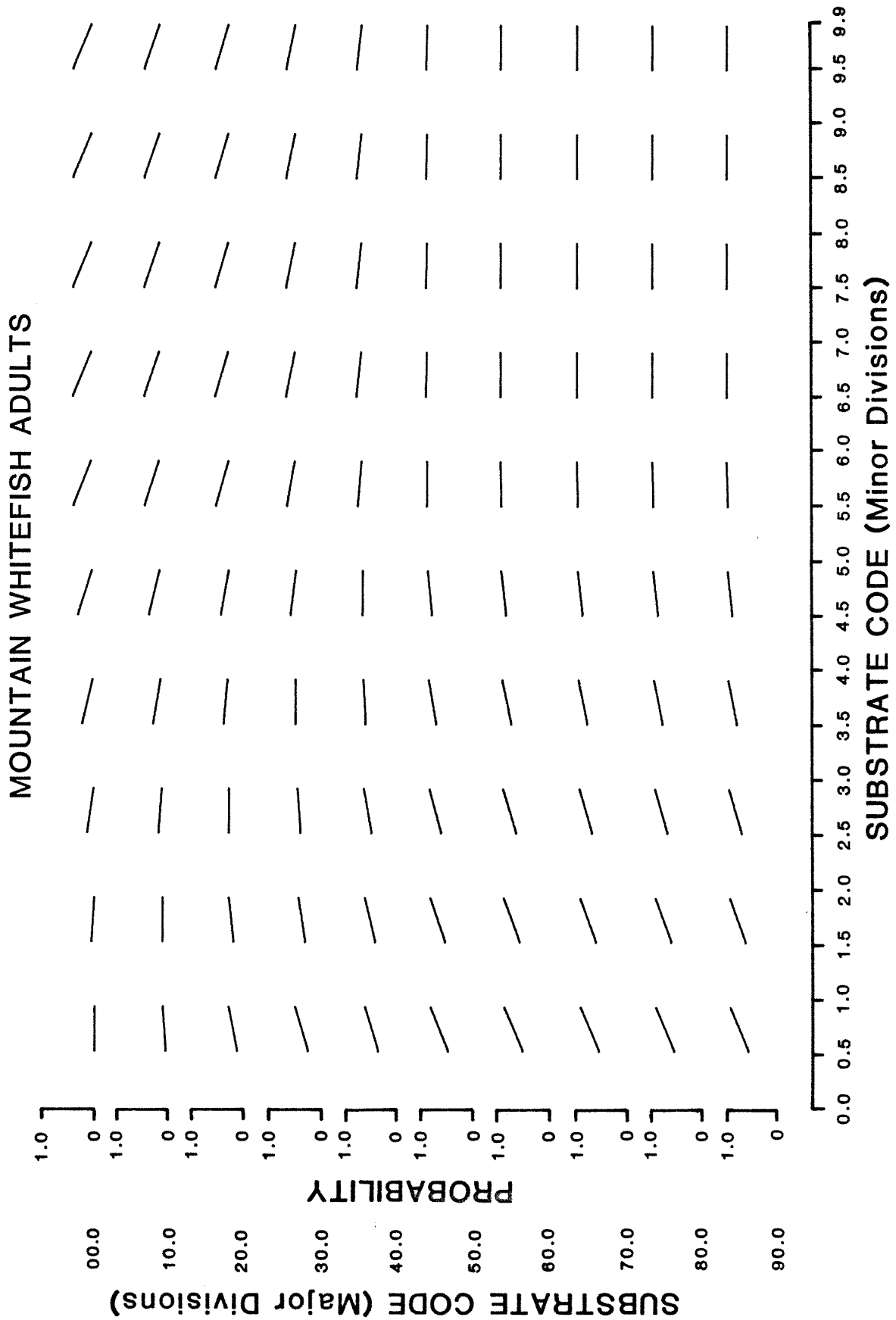


Figure 79. Substrate probability of use criteria (Washington State Coding System) for mountain whitefish adults.

for use in a partial IFIM analysis. The substrate curve for adults was modified to an open ended curve by WDG.

Curve Coordinate Listing

A complete listing of the coordinates of the velocity, depth and substrate probability-of-use criteria curves by species/life stage utilized in the Skagit River instream flow analysis is presented in Table 25.



Table 25 (continued).

H	10410	13	12	60	PINK					SPAWNING				83/08/02
V	10410	0.00	0.00	.30	.03	.80	.38	1.30	.57	1.50	1.00	2.30	1.00	
V	10410	3.50	1.00	3.80	.57	4.00	.40	4.30	.20	4.60	.12	5.00	0.00	
V	10410	100.00	0.00											
D	10410	0.00	0.00	.30	0.00	.55	.00	.60	.50	.70	1.00	3.00	1.00	
D	10410	3.20	.66	4.10	.19	5.00	.10	6.00	.05	7.00	.00	100.00	.00	
S	10410	0.00	0.00	23.5	.00	24.50	.50	24.90	.10	25.50	.50	25.90	.10	
S	10410	26.50	0.00	26.90	0.00	32.50	.00	32.90	.18	34.50	.56	34.90	.48	
S	10410	35.50	.71	35.90	.48	36.50	.21	36.90	.38	42.50	.50	42.90	.90	
S	10410	43.50	.56	43.90	1.00	45.50	1.00	45.90	1.00	46.50	.50	46.90	.90	
S	10410	52.50	.50	52.90	.90	53.50	.70	53.90	.94	54.50	1.00	54.90	1.00	
S	10410	56.50	1.00	56.90	.90	57.50	0.75	57.90	0.90	63.50	.25	63.90	.13	
S	10410	64.50	.55	64.90	.11	65.50	1.00	65.90	.20	67.50	.00	67.90	.00	
S	10410	74.50	.50	74.90	.10	75.50	.75	75.90	.10	76.50	.10	76.9	.02	
S	10410	78.50	.00	82.9	.00	83.50	.21	83.90	.04	84.50	.50	84.90	.10	
S	10410	85.50	.50	85.9	.10	86.50	.05	86.90	.01	87.50	.00	100.00	.00	
H	10411	3	3		PINK					INCUBATION				83/08/02
V	10411	.00	.00	.1	1.00	100.00	1.00							
D	10411	.00	.00	.1	1.00	100.00	1.00							
H	10412	13	12	60	PINK WITH NOISE VELOCITIES					SPAWNING				83/12/14
V	10412	.00	.00	.1	.00	.3	.02	.8	.20	1.55	.67	2.10	1.00	
V	10412	2.50	1.00	2.80	.59	3.3	.41	3.80	.10	4.30	.02	4.50	.00	
V	10412	100.00	.00											
D	10412	0.00	0.00	.30	0.00	.55	.00	.60	.50	.70	1.00	3.00	1.00	
D	10412	3.20	.66	4.10	.19	5.00	.10	6.00	.05	7.00	.00	100.00	.00	
S	10412	0.00	0.00	23.5	.00	24.50	.50	24.90	.10	25.50	.50	25.90	.10	
S	10412	26.50	0.00	26.90	0.00	32.50	.00	32.90	.18	34.50	.56	34.90	.48	
S	10412	35.50	.71	35.90	.48	36.50	.21	36.90	.38	42.50	.50	42.90	.90	
S	10412	43.50	.56	43.90	1.00	45.50	1.00	45.90	1.00	46.50	.50	46.90	.90	
S	10412	52.50	.50	52.90	.90	53.50	.70	53.90	.94	54.50	1.00	54.90	1.00	
S	10412	56.50	1.00	56.90	.90	57.50	0.75	57.90	0.90	63.50	.25	63.90	.13	
S	10412	64.50	.55	64.90	.11	65.50	1.00	65.90	.20	67.50	.00	67.90	.00	
S	10412	74.50	.50	74.90	.10	75.50	.75	75.90	.10	76.50	.10	76.9	.02	
S	10412	78.50	.00	82.9	.00	83.50	.21	83.90	.04	84.50	.50	84.90	.10	
S	10412	85.50	.50	85.9	.10	86.50	.05	86.90	.01	87.50	.00	100.00	.00	

Table 25 (continued).

H	10210	13 13	61	CHUM MAINSTEM					SPAWNING					83/08/02
V	10210	0.00	.00	.10	.00	.50	.24	1.00	.88	1.30	1.00	1.70	1.00	
V	10210	2.25	.90	3.00	.68	3.50	0.59	4.00	0.47	4.75	.06	5.10	.00	
V	10210	100.00	.00											
D	10210	0.00	0.00	.80	0.00	.90	.07	1.30	.38	1.80	.58	2.10	1.00	
D	10210	2.5	1.00	3.05	.78	4.30	.33	5.55	.11	6.10	.05	7.80	.00	
D	10210	100.00	.00											
S	10210	00.00	0.00	23.90	0.04	24.50	.40	24.90	.08	25.50	.50	25.90	.10	
S	10210	26.50	0.00	26.90	0.00	32.50	0.20	32.90	.34	34.50	.60	34.90	.44	
S	10210	35.50	.70	35.90	.46	36.50	.20	36.90	.36	42.50	.40	42.90	.72	
S	10210	43.50	.60	43.90	.76	45.50	1.00	45.90	.82	46.50	.40	46.90	.72	
S	10210	52.50	.50	52.90	.90	53.50	.70	53.90	.74	54.50	.90	54.90	.98	
S	10210	56.50	1.00	56.90	1.00	62.50	0.04	62.90	0.07	63.50	.24	63.90	.14	
S	10210	64.50	.40	64.90	.08	65.50	1.00	65.90	.10	67.50	0.00	73.50	.20	
S	10210	73.90	.04	74.50	.40	74.90	.08	75.50	.50	75.90	.10	76.50	.04	
S	10210	76.90	.01	78.50	.00	82.9	.00	83.50	.20	83.90	.04	84.50	.40	
S	10210	84.90	.08	85.50	.50	85.90	.10	85.50	.04	86.90	.01	87.50	.00	
S	10210	100.00	.00											
H	10212	12 13	61	CHUM MAINSTEM WITH NOSE VELOCITIES					SPAWNING					83/12/14
V	10212	.00	.00	.10	.00	.30	.07	.80	.79	1.10	1.00	1.50	1.00	
V	10212	2.05	.83	2.80	.64	3.30	.40	3.80	.35	4.00	.00	100.00	.00	
D	10212	0.00	0.00	.80	0.00	.90	.07	1.30	.38	1.80	.58	2.10	1.00	
D	10212	2.5	1.00	3.05	.78	4.30	.33	5.55	.11	6.10	.05	7.80	.00	
D	10212	100.00	.00											
S	10212	00.00	0.00	23.90	0.04	24.50	.40	24.90	.08	25.50	.50	25.90	.10	
S	10212	26.50	0.00	26.90	0.00	32.50	0.20	32.90	.34	34.50	.60	34.90	.44	
S	10212	35.50	.70	35.90	.46	36.50	.20	36.90	.36	42.50	.40	42.90	.72	
S	10212	43.50	.60	43.90	.76	45.50	1.00	45.90	.82	46.50	.40	46.90	.72	
S	10212	52.50	.50	52.90	.90	53.50	.70	53.90	.74	54.50	.90	54.90	.98	
S	10212	56.50	1.00	56.90	1.00	62.50	0.04	62.90	0.07	63.50	.24	63.90	.14	
S	10212	64.50	.40	64.90	.08	65.50	1.00	65.90	.10	67.50	0.00	73.50	.20	
S	10212	73.90	.04	74.50	.40	74.90	.08	75.50	.50	75.90	.10	76.50	.04	
S	10212	76.90	.01	78.50	.00	82.9	.00	83.50	.20	83.90	.04	84.50	.40	
S	10212	84.90	.08	85.50	.50	85.90	.10	85.50	.04	86.90	.01	87.50	.00	
S	10212	100.00	.00											
H	10213	10 9	61	CHUM SIDE CHANNEL					SPAWNING					83/12/15
V	10213	.00	.45	.10	1.00	.30	1.00	.50	.36	.80	.15	1.10	.13	
V	10213	1.55	.02	1.70	.02	1.80	.00	100.00	.30					
D	10213	.00	.00	.50	.00	.60	.32	1.10	.68	1.60	1.00	2.3	1.00	
D	10213	2.85	.24	3.30	.00	100.00	.00							
S	10213	00.00	0.00	23.90	0.04	24.50	.40	24.90	.08	25.50	.50	25.90	.10	
S	10213	26.50	0.00	26.90	0.00	32.50	0.20	32.90	.34	34.50	.60	34.90	.44	
S	10213	35.50	.70	35.90	.46	36.50	.20	36.90	.36	42.50	.40	42.90	.72	
S	10213	43.50	.60	43.90	.76	45.50	1.00	45.90	.82	46.50	.40	46.90	.72	
S	10213	52.50	.50	52.90	.90	53.50	.70	53.90	.74	54.50	.90	54.90	.98	
S	10213	56.50	1.00	56.90	1.00	62.50	0.04	62.90	0.07	63.50	.24	63.90	.14	
S	10213	64.50	.40	64.90	.08	65.50	1.00	65.90	.10	67.50	0.00	73.50	.20	
S	10213	73.90	.04	74.50	.40	74.90	.08	75.50	.50	75.90	.10	76.50	.04	
S	10213	76.90	.01	78.50	.00	82.9	.00	83.50	.20	83.90	.04	84.50	.40	
S	10213	84.90	.08	85.50	.50	85.90	.10	86.50	.04	86.90	.01	87.50	.00	
S	10213	100.00	.00											
H	10214	9 9	61	CHUM SIDE CHANNEL NOSE VELOCITIES					SPAWNING					83/12/15
V	10214	.00	.60	.10	1.00	.30	1.00	.50	.38	.80	.19	1.10	.14	
V	10214	1.40	.08	1.70	.00	100.00	.00							
D	10214	.00	.00	.50	.00	.60	.32	1.10	.68	1.60	1.00	2.3	1.00	
D	10214	2.85	.24	3.30	.00	100.00	.00							
S	10214	00.00	0.00	23.90	0.04	24.50	.40	24.90	.08	25.50	.50	25.90	.10	
S	10214	26.50	0.00	26.90	0.00	32.50	0.20	32.90	.34	34.50	.60	34.90	.44	
S	10214	35.50	.70	35.90	.46	36.50	.20	36.90	.36	42.50	.40	42.90	.72	
S	10214	43.50	.60	43.90	.76	45.50	1.00	45.90	.32	46.50	.40	46.90	.72	
S	10214	52.50	.50	52.90	.90	53.50	.70	53.90	.74	54.50	.90	54.90	.98	
S	10214	56.50	1.00	56.90	1.00	62.50	0.04	62.90	0.07	63.50	.24	63.90	.14	
S	10214	64.50	.40	64.90	.08	65.50	1.00	65.90	.10	67.50	0.00	73.50	.20	
S	10214	73.90	.04	74.50	.40	74.90	.08	75.50	.50	75.90	.10	76.50	.04	
S	10214	76.90	.01	78.50	.00	82.9	.00	83.50	.20	83.90	.04	84.50	.40	
S	10214	84.90	.08	85.50	.50	85.90	.10	85.50	.04	86.90	.01	87.50	.00	
S	10214	100.00	.00											
H	10211	3 3		CHUM					INCUBATION					83/11/08
V	10211	.00	.00	.10	1.00	100.00	1.00							
D	10211	.00	.00	.10	1.00	100.00	1.00							





Table 25 (continued).

H	10010	16	19	71	CDHD	SPAWNING								83/08/02		
						0.00	.25	.40	.40	.59	.75	.80	1.00	.92	1.00	.92
V	10010	0.00	0.00	.20	0.00	.25	.40	.40	.59	.75	.80	1.00	.92	1.00	.92	
V	10010	1.10	.98	1.20	1.00	1.70	1.00	1.75	.80	1.85	.64	2.00	.52			
V	10010	2.25	.40	3.40	.16	4.25	0.00	100.00	0.00							
D	10010	0.00	0.00	.20	0.00	.40	.04	.55	.08	.65	.16	.75	.40			
D	10010	.95	.80	1.05	.96	1.10	1.00	1.60	1.00	1.60	.98	1.80	.80			
D	10010	2.40	.40	2.60	.29	2.70	.25	2.80	.21	2.90	.19	3.75	0.00			
D	10010	100.00	0.00													
S	10010	00.00	0.00	23.90	0.00	24.50	.40	24.90	.08	25.50	.38	25.90	.08			
S	10010	26.50	.08	26.90	.02	27.50	0.00	27.90	0.00	32.50	0.00	32.90	.10			
S	10010	34.50	.30	34.90	.20	35.50	.48	35.90	.20	36.50	.18	36.90	.19			
S	10010	37.50	.08	37.90	.15	42.50	.40	42.90	.72	43.50	.30	43.90	.76			
S	10010	45.50	.90	45.90	.82	46.50	.48	46.90	.74	47.50	.40	47.90	.72			
S	10010	52.50	.38	52.90	.68	53.50	.48	53.90	.70	54.50	.90	54.90	.78			
S	10010	56.50	.50	56.90	.75	57.50	.38	57.90	.68	62.50	.08	62.90	.14			
S	10010	63.50	.18	63.90	.16	64.50	.48	64.90	.22	65.50	.50	65.90	.18			
S	10010	67.50	0.00	67.90	.15	72.50	.00	72.90	0.00	73.50	.10	73.90	.02			
S	10010	74.50	.40	74.90	.08	75.50	.38	75.90	.08	76.50	0.00	76.90	0.00			
S	10010	82.90	.00	83.50	.07	83.90	.01	84.50	.04	84.90	.08	85.50	.38			
S	10010	85.90	.08	86.50	.04	86.90	.01	87.50	.00	100.00	.00					
H	10000	26	29	95	CDHD								FRY		83/08/02	
V	10000	0.00	.04	.10	.10	.15	.16	.20	.25	.25	.70	.30	.84			
V	10000	.35	.87	.40	.94	.45	.99	.50	1.00	.55	1.00	.60	.98			
V	10000	.65	.66	.70	.53	.75	.46	.80	.40	.85	.36	.95	.30			
V	10000	1.10	.24	1.40	.14	1.60	.09	1.75	.06	2.00	.02	2.25	.01			
V	10000	2.50	0.00	100.00	0.00											
D	10000	0.00	0.00	.40	0.00	.60	.06	.80	.15	.90	.20	1.00	.26			
D	10000	1.10	.36	1.20	.50	1.40	.92	1.50	.97	1.70	.99	1.80	1.00			
D	10000	2.00	1.00	2.10	.98	2.20	.90	2.30	.86	2.80	.75	3.00	.69			
D	10000	3.60	.50	3.70	.46	3.80	.39	4.00	.26	4.20	.17	4.40	.11			
D	10000	4.50	.09	4.70	.05	4.90	.02	5.10	0.00	100.00	0.00					
S	10000	0.00	0.00	12.50	.05	12.90	.01	13.50	.20	13.90	.04	14.50	.40			
S	10000	14.90	.08	15.50	.40	15.90	.08	15.50	.30	16.90	.06	17.50	.28			
S	10000	17.90	.06	21.90	.08	23.50	.20	23.90	.13	24.50	.45	24.90	.17			
S	10000	25.50	.45	25.90	.17	26.50	.35	26.90	.15	27.50	.33	31.50	.20			
S	10000	31.90	.36	32.50	.20	32.90	.37	34.50	.50	34.90	.42	35.50	.60			
S	10000	35.90	.44	36.50	.50	36.90	.42	37.50	.48	37.90	.41	38.50	.30			
S	10000	38.90	.38	41.50	.40	41.90	.72	42.50	.45	42.90	.72	43.50	.60			
S	10000	43.90	.80	45.50	.95	45.90	.84	45.50	.70	46.90	.78	47.50	.68			
S	10000	47.90	.78	48.50	.50	48.90	.74	51.50	.40	51.90	.72	52.50	.45			
S	10000	52.90	.73	53.50	.60	53.90	.75	54.50	.95	54.90	.82	56.50	.65			
S	10000	56.90	.80	57.50	.68	57.90	.78	58.50	.50	58.90	.74	61.50	.30			
S	10000	61.90	.54	62.50	.35	62.90	.55	63.90	.58	64.50	.70	64.90	.62			
S	10000	65.50	.65	67.90	.60	68.50	.40	69.90	.56	71.50	.28	71.90	.50			
S	10000	72.50	.33	72.90	.51	73.50	.48	75.90	.56	78.50	.42	78.90	.55			
S	10000	81.50	.10	83.50	.30	83.90	.22	84.50	.50	84.90	.26	85.50	.50			
S	10000	85.90	.26	86.50	.40	86.90	.24	87.50	.42	87.90	.21					
H	10001	13	10	96	CDHD								JUVENILE		83/08/02	
V	10001	0.00	.06	.10	.40	.15	.80	.20	1.00	.60	1.00	.65	.98			
V	10001	.70	.84	.80	.36	.85	.31	.90	.28	1.10	.23	2.60	0.00			
V	10001	100.00	0.00													
D	10001	0.00	0.00	.05	0.00	.10	.20	.15	.60	.20	.84	.30	.93			
D	10001	.50	.98	.60	1.00	1.50	1.00	100.00	1.00							
S	10001	0.00	.20	1.50	.50	1.90	.21	2.50	.60	2.90	.28	3.50	.60			
S	10001	3.90	.28	4.50	.58	4.90	.28	8.90	.18	10.50	.50	10.90	.74			
S	10001	12.50	.94	12.90	.82	13.50	.90	14.90	.81	15.50	.49	15.90	.74			
S	10001	16.50	.46	16.90	.73	17.50	.45	17.90	.73	18.50	.44	18.90	.73			
S	10001	20.50	.50	20.90	.92	21.90	1.00	24.90	1.00	25.50	.59	25.90	.92			
S	10001	26.50	.56	26.90	.91	27.50	.55	27.90	.90	28.50	.54	28.90	.90			
S	10001	30.50	.60	32.50	1.00	34.90	1.00	35.50	.59	35.90	.92	36.50	.56			
S	10001	36.90	.91	37.50	.55	37.90	.91	38.50	.54	38.90	.90	40.50	.58			
S	10001	40.90	.88	43.90	.95	45.50	.40	45.90	.94	46.50	.54	46.90	.87			
S	10001	47.50	.53	47.90	.87	48.50	.52	48.90	.87	50.50	.19	50.90	.18			
S	10001	51.50	.49	51.90	.24	52.50	.59	52.90	.26	53.50	.59	53.90	.26			
S	10001	60.90	.13	61.50	.46	61.90	.19	62.50	.56	62.70	.21	63.50	.56			
S	10001	63.90	.21	64.50	.54	64.90	.21	70.50	.15	70.90	.11	71.50	.45			
S	10001	71.90	.17	72.50	.55	72.90	.19	73.50	.55	73.90	.19	74.50	.53			
S	10001	74.90	.19	80.90	.09	81.50	.44	81.90	.15	82.50	.54	82.90	.17			
S	10001	83.50	.54	83.90	.17	84.50	.52	84.90	.17	87.90	.08	87.90	.07			



Table 25 (continued).

	H	11102	20	19	90	RAINBJW					ADULT		83/08/02
V	11102	0.00	.04	.10	.18	.25	.32	.50	.48	.75	.63	.95	.81
V	11102	1.00	.88	1.05	.95	1.15	.98	1.20	1.00	1.30	1.00	1.35	.98
V	11102	1.45	.93	1.65	.79	1.95	.66	2.10	.56	2.25	.42	2.40	.30
V	11102	2.90	0.00	100.00	0.00								
D	11102	0.00	0.00	.15	.06	.30	.11	.50	.14	.30	.18	.85	.19
D	11102	1.00	.22	1.10	.26	1.20	.30	1.30	.36	1.40	.46	1.45	.54
D	11102	1.50	.73	1.55	.91	1.60	.95	1.65	.98	1.75	1.00	4.00	1.00
D	11102	100.00	1.00										
S	11102	0.00	0.00	12.50	.05	12.90	0.00	13.50	.25	13.90	.05	14.50	.40
S	11102	14.90	.08	15.50	.50	15.90	.10	16.50	.50	16.90	.10	17.50	.50
S	11102	17.90	.10	18.50	.50	18.90	.10	21.50	0.00	21.90	.09	23.50	.40
S	11102	23.90	.12	24.50	.45	24.90	.15	25.50	.51	25.90	.17	26.50	.54
S	11102	26.90	.19	27.50	.51	27.90	.19	28.50	.51	28.90	.19	31.50	.25
S	11102	31.90	.45	32.50	.30	32.90	.46	34.50	.54	34.90	.52	35.50	.75
S	11102	35.90	.55	36.50	.75	36.90	.55	37.50	.75	37.90	.55	38.50	.75
S	11102	38.90	.55	41.50	.40	41.90	.72	42.50	.45	42.90	.73	43.50	.65
S	11102	43.90	.77	45.50	.92	45.90	.82	46.50	.90	46.90	.82	47.50	1.00
S	11102	47.90	.82	48.50	1.00	48.90	.82	51.50	.50	51.90	.90	52.50	.55
S	11102	52.90	.91	53.50	.75	53.90	.95	54.50	.90	54.90	1.00	58.90	1.00
S	11102	61.50	.50	61.90	.90	62.50	.55	62.90	.91	63.50	.75	63.90	.95
S	11102	64.50	.90	68.90	1.00	71.50	.50	71.90	.90	72.50	.55	72.90	.91
S	11102	73.50	.75	73.90	.95	74.50	1.00	78.90	1.00	81.50	.50	81.90	.91
S	11102	82.50	.55	82.90	.91	83.50	.75	83.90	.95	84.50	.90	87.90	1.00



Table 25 (continued).

		CUTTHROAT TROUT						SPAWNING 83/08/02						
H	11210	34	21	99										
V	11210	0.00	0.00		.30	0.00	.35	.05	.40	.11	.45	.19	.50	.29
V	11210	.55	.44		.60	.70	.65	.89	.70	.96	.75	.98	.80	.99
V	11210	.85	1.00		1.00	1.00	1.05	.99	1.10	.97	1.15	.94	1.25	.84
V	11210	1.35	.67		1.40	.53	1.45	.41	1.50	.34	1.55	.29	1.65	.22
V	11210	1.75	.17		1.85	.13	1.95	.10	2.05	.08	2.20	.05	2.35	.04
V	11210	2.95	.03		3.25	.02	3.60	0.00	100.00	0.00				
D	11210	0.00	0.00		.20	0.00	.30	.10	.35	.15	.40	.22	.45	.30
D	11210	.50	.40		.55	.52	.60	.68	.70	.98	.75	1.00	.80	.99
D	11210	.85	.86		.95	.57	1.05	.37	1.15	.23	1.20	.17	1.25	.12
D	11210	1.30	.08		1.40	0.00	100.00	0.00						
S	11210	0.00	0.00		12.50	0.00	12.90	0.00	13.50	.42	13.90	.08	14.50	.49
S	11210	14.90	.10		15.50	.35	15.90	.07	16.50	.07	16.90	.01	17.50	0.00
S	11210	17.90	0.00		21.50	0.00	21.90	.24	23.50	.76	23.90	.32	24.50	.63
S	11210	24.90	.37		25.50	.49	25.90	.34	26.50	.21	26.90	.29	27.50	.14
S	11210	27.90	.27		31.50	.41	31.90	.74	32.50	.76	32.90	.84	34.50	.88
S	11210	34.90	.84		35.50	.76	35.90	.81	36.50	.50	36.90	.75	37.50	.41
S	11210	37.90	.74		41.50	.49	41.90	.88	42.50	.53	42.90	.90	43.50	.88
S	11210	43.90	.95		45.50	1.00	45.90	.99	46.50	.56	46.90	.89	47.50	.49
S	11210	47.90	.88		51.50	.35	51.90	.63	52.50	.49	52.90	.66	53.50	.76
S	11210	53.90	.71		54.50	1.00	54.90	.90	56.50	.30	56.90	.68	57.50	.35
S	11210	57.90	.63		61.50	.07	61.90	.13	62.50	.21	62.90	.16	63.50	.48
S	11210	53.90	.21		64.50	.56	64.90	.23	65.50	.30	65.90	.20	67.50	.07
S	11210	57.90	.13		71.50	0.00	71.90	0.00	72.50	.14	72.90	.03	73.50	.41
S	11210	73.90	.08		74.50	.49	74.90	.10	75.50	.35	75.90	.07	76.50	.07
S	11210	76.90	.01		78.50	.03	78.90	.03	82.50	.14	82.90	.03	83.50	.41
S	11210	83.90	.08		84.50	.49	84.90	.10	85.50	.35	85.90	.07	86.50	.07
S	11210	86.90	.07		87.50	.00	87.90	.00						
		CUTTHROAT TROUT						FRY 83/08/02						
H	11200	22	19	94										
V	11200	.00	1.00		.45	1.00	.50	.99	.55	.90	.60	.82	.70	.69
V	11200	.75	.63		.80	.58	.90	.50	1.00	.43	1.25	.30	1.50	.20
V	11200	1.60	.17		1.70	.14	1.85	.10	2.00	.08	2.20	.05	2.30	.04
V	11200	2.50	.03		2.75	.02	2.90	0.00	100.00	0.00				
D	11200	0.0	.0		.2	.0	.4	.15	.5	.3	.6	1.	.9	1.
D	11200	1.0	.98		1.1	.88	1.3	.6	1.5	.4	1.6	.33	1.7	.27
D	11200	1.9	.19		2.1	.13	2.4	.08	2.7	.03	3.0	.02	5.0	.02
D	11200	6.0	.02		100.0	.02								
S	11200	0.00	0.00		12.50	.14	12.90	.03	13.50	.28	13.90	.06	14.50	.43
S	11200	14.90	.09		15.50	.50	15.90	.10	16.50	.50	16.90	.10	17.50	.50
S	11200	17.90	.10		18.50	.50	18.90	.10	21.50	.14	21.90	.25	23.50	.44
S	11200	23.90	.30		24.50	.57	24.90	.34	25.50	.54	25.90	.35	26.50	.64
S	11200	26.90	.35		27.50	.64	27.90	.35	28.50	.64	28.90	.35	31.50	.28
S	11200	31.90	.54		32.50	.44	32.90	.57	34.50	.72	34.90	.58	35.50	.78
S	11200	35.90	.64		36.50	.80	36.90	.64	37.50	.80	37.90	.64	38.50	.80
S	11200	38.90	.64		41.50	.43	41.90	.77	42.50	.57	42.90	.80	43.50	.70
S	11200	43.90	.84		45.50	1.00	45.90	.86	46.50	1.00	46.90	.86	47.50	1.00
S	11200	47.90	.86		48.50	1.00	48.90	.86	51.50	.50	51.90	.90	52.50	.64
S	11200	52.90	.93		53.50	.78	53.90	.96	54.50	1.00	54.90	1.00	58.90	1.00
S	11200	61.50	.50		61.90	.90	62.50	.64	62.90	.33	63.50	.78	63.90	.96
S	11200	64.50	1.00		68.90	1.00	71.50	.50	71.90	.90	72.50	.64	72.90	.93
S	11200	73.50	.78		73.90	.95	74.50	1.00	78.90	1.00	79.50	.75	79.90	.95
S	11200	81.50	.50		81.90	.90	82.50	.64	82.90	.93	83.50	.78	83.90	.96
S	11200	84.50	.92		84.90	.98	85.50	1.00	87.90	1.00				

Table 25 (continued).

		CUTTHRJAT TROUT										JJVENILE		83/08/02			
H	11201	33	30	94													
V	11201	0.00	0.00	.10	0.00	.20	.12	.25	.20	.30	.30	.40	.59				
V	11201	.45	.83	.50	.95	.55	.98	.65	1.00	1.05	1.00	1.15	.99				
V	11201	1.25	.97	1.40	.94	1.50	.91	1.60	.87	1.65	.85	1.70	.82				
V	11201	1.75	.77	1.85	.56	1.90	.46	1.95	.42	2.05	.32	2.10	.28				
V	11201	2.15	.25	2.30	.19	2.40	.16	2.65	.12	2.75	.10	2.85	.07				
V	11201	2.90	.05	3.00	0.00	3.00	0.00										
D	11201	0.00	0.00	.50	0.00	.65	.08	.70	.10	.80	.18	.90	.26				
D	11201	.95	.32	1.10	.50	1.20	.68	1.30	.94	1.35	.98	1.45	1.00				
D	11201	1.50	1.00	1.60	.98	1.65	.93	1.70	.87	1.75	.92	1.80	.78				
D	11201	1.95	.70	2.10	.62	2.25	.56	2.70	.41	3.00	.28	3.30	.17				
D	11201	3.55	.10	3.65	.07	3.75	.05	3.90	.03	4.15	0.00	100.00	0.00				
S	11201	0.00	0.00	12.50	.14	12.90	.03	13.50	.28	13.90	.06	14.50	.43				
S	11201	14.90	.09	15.50	.50	15.90	.10	16.50	.50	16.90	.10	17.50	.50				
S	11201	17.90	.10	18.50	.50	18.90	.10	21.50	.14	21.90	.25	23.50	.44				
S	11201	23.90	.30	24.50	.57	24.90	.34	25.50	.64	25.90	.35	26.50	.64				
S	11201	26.90	.35	27.50	.64	27.90	.35	28.50	.64	28.90	.35	31.50	.28				
S	11201	31.90	.54	32.50	.44	32.90	.57	34.50	.72	34.90	.58	35.50	.78				
S	11201	35.90	.64	36.50	.80	36.90	.64	37.50	.80	37.90	.64	38.50	.80				
S	11201	38.90	.60	41.50	.43	41.90	.77	42.50	.57	42.90	.80	43.50	.70				
S	11201	43.90	.84	45.50	1.00	45.90	.86	46.50	1.00	46.90	.86	47.50	1.00				
S	11201	47.90	.86	48.50	1.00	48.90	.86	51.50	.50	51.90	.90	52.50	.64				
S	11201	52.90	.93	53.50	.78	53.90	.96	54.50	1.00	54.90	1.00	58.90	1.00				
S	11201	61.50	.50	61.90	.90	62.50	.64	62.90	.93	63.50	.78	63.90	.96				
S	11201	64.50	1.00	68.90	1.00	71.50	.50	71.90	.90	72.50	.64	72.90	.93				
S	11201	73.50	.78	73.90	.96	74.50	1.00	78.90	1.00	79.50	.75	79.90	.95				
S	11201	81.50	.50	81.90	.90	82.50	.64	82.90	.93	83.50	.78	83.90	.95				
S	11201	84.50	.92	84.90	.98	85.50	1.00	87.90	1.00								
		CUTTHRJAT TROUT										ADULT		83/08/02			
H	11202	30	12	95													
V	11202	0.00	0.00	.10	0.00	.25	.31	.35	.49	.45	.61	.55	.70				
V	11202	.70	.81	.80	.87	.90	.92	1.00	.96	1.10	.98	1.20	1.00				
V	11202	1.70	1.00	1.80	.93	1.85	.97	1.90	.95	2.00	.90	2.15	.80				
V	11202	2.25	.71	2.35	.59	2.40	.51	2.50	.30	2.55	.17	2.60	.11				
V	11202	2.65	.08	2.70	.06	2.80	.03	2.85	.02	3.00	0.00	100.00	0.00				
D	11202	0.00	0.00	1.00	0.00	1.05	.02	1.10	.06	1.15	.14	1.20	.63				
D	11202	1.25	.88	1.30	.94	1.35	.96	1.40	.98	1.55	1.00	100.00	1.00				
S	11202	0.00	0.00	12.50	0.00	12.90	0.00	13.50	.16	13.90	.03	14.50	.32				
S	11202	14.90	.06	15.50	.50	15.90	.10	16.50	.50	16.90	.10	17.50	.50				
S	11202	17.90	.10	18.50	.50	18.90	.10	21.50	0.00	21.90	.07	23.50	.16				
S	11202	23.90	.09	24.50	.36	24.90	.13	25.50	.54	25.90	.17	26.50	.54				
S	11202	26.90	.17	27.50	.54	27.90	.17	28.50	.54	28.90	.17	31.50	.16				
S	11202	31.90	.29	32.50	.20	32.90	.37	34.50	.48	34.90	.40	35.50	.66				
S	11202	35.90	.39	36.50	.65	36.90	.39	37.50	.66	37.90	.39	38.50	.66				
S	11202	38.90	.39	41.50	.32	41.90	.58	42.50	.36	42.90	.60	43.50	.48				
S	11202	43.90	.61	45.50	.90	45.90	.65	46.50	.32	46.90	.68	47.50	.82				
S	11202	47.90	.68	48.50	.82	48.90	.68	51.50	.50	51.90	.90	52.50	.54				
S	11202	52.90	.91	53.50	.66	53.90	.93	54.50	.90	54.90	1.00	58.90	1.00				
S	11202	61.50	.50	61.90	.90	62.50	.54	62.90	.91	63.50	.66	63.90	.93				
S	11202	64.50	.82	64.90	1.00	68.90	1.00	69.50	.75	69.90	.95	71.50	.50				
S	11202	71.90	.90	72.50	.54	72.90	.91	73.50	.66	73.90	.93	74.50	.82				
S	11202	74.90	.97	78.90	1.00	81.50	.50	81.90	.90	82.50	.54	82.90	.91				
S	11202	83.50	.66	83.90	.93	84.50	.82	84.90	.97	87.90	1.00						

Table 25 (continued).

				MOUNTAIN WHITEFISH				SPAWNING				83/08/02		
H	12010	30	12	97										
V	12010	0.00	0.00		.50	.22	.75	.35	.90	.43	1.00	.50	1.10	.56
V	12010	1.20		.65	1.25	.70	1.35	.84	1.40	.89	1.50	.96	1.55	.98
V	12010	1.65	1.00		1.75	1.00	1.80	.98	1.85	.91	2.00	.65	2.10	.52
V	12010	2.20	.42		2.30	.33	2.40	.26	2.50	.20	2.60	.15	2.70	.10
V	12010	2.80	.08		2.90	.06	3.00	.03	3.10	.02	3.25	0.00	100.00	0.00
D	12010	0.00	0.00		.30	0.00	.45	.11	.55	.20	.60	.25	.65	.32
D	12010	.70	.41		.75	.54	.80	.90	.85	.98	.90	1.00	100.00	1.00
S	12010	0.00	0.00		13.50	.20	13.90	.04	14.50	.45	14.90	.09	15.50	.50
S	12010	15.90	.10		16.50	.48	16.90	.10	17.50	.32	17.90	.06	18.50	0.00
S	12010	21.90	.02		23.50	.20	23.90	.05	24.50	.46	24.90	.11	25.50	.51
S	12010	25.90	.12		26.50	.49	26.90	.12	27.50	.33	27.90	.08	28.90	.02
S	12010	31.50	.20		31.90	.36	32.50	.21	32.90	.36	34.50	.55	34.90	.40
S	12010	35.50	.70		35.90	.46	36.50	.68	36.90	.46	37.50	.52	37.90	.42
S	12010	38.50	.20		38.90	.36	41.50	.45	41.90	.81	42.50	.46	42.90	.81
S	12010	43.50	.55		43.90	.88	45.50	.96	46.90	.91	47.50	.78	47.90	.87
S	12010	48.50	.45		48.90	.81	51.50	.50	51.90	.90	52.50	.51	52.90	.90
S	12010	53.50	.70		53.90	.94	56.90	1.00	57.50	.82	57.90	.96	58.50	.50
S	12010	58.90	.90		61.50	.48	61.90	.86	62.50	.49	62.90	.86	63.50	.69
S	12010	63.90	.90		64.50	.93	64.90	.95	67.90	.96	68.50	.48	68.90	.86
S	12010	71.50	.32		71.90	.58	72.50	.33	72.90	.58	73.50	.52	73.90	.62
S	12010	74.50	.77		75.50	.82	75.90	.68	75.50	.95	76.90	.68	78.50	.38
S	12010	78.90	.63		81.50	0.00	82.90	0.00	83.50	.20	83.90	.04	84.50	.45
S	12010	84.90	.09		85.50	.50	85.90	.10	86.50	.48	86.90	.10	87.50	.32
S	12010	87.90	.06											
H	12000	25	34	95	MOUNTAIN WHITEFISH				FRY				83/08/02	
V	12000	0.00	1.00		.35	1.00	.45	.98	.50	.96	.55	.91	.70	.73
V	12000	.80	.63		.85	.53	.95	.51	1.05	.46	1.15	.41	1.45	.31
V	12000	1.75	.22		1.95	.18	2.15	.14	2.25	.13	2.40	.12	2.70	.11
V	12000	2.80	.10		3.00	.08	3.10	.07	3.25	.05	3.35	.03	3.50	0.00
V	12000	100.00	0.00											
D	12000	0.00	0.00		.70	0.00	.80	.06	.90	.08	1.10	.14	1.20	.17
D	12000	1.30	.21		1.40	.26	1.50	.32	1.60	.40	1.70	.50	1.90	.83
D	12000	2.00	.97		2.10	1.00	2.40	1.00	2.50	.97	2.60	.85	2.70	.74
D	12000	2.90	.60		3.10	.51	3.30	.44	3.40	.42	3.60	.37	3.80	.34
D	12000	4.10	.30		4.20	.29	4.50	.26	5.50	.21	6.00	.18	7.20	.12
D	12000	7.50	.10		7.90	.06	8.50	0.00	100.00	0.00				
S	12000	0.00	0.00		1.50	.42	1.90	.06	2.50	.49	2.90	.13	3.50	.49
S	12000	3.90	.12		4.50	.41	4.90	.13	5.50	.36	5.90	.10	6.50	.33
S	12000	6.90	.10		7.50	.22	7.90	.08	8.50	.02	8.90	.04	10.50	.42
S	12000	10.90	.99		13.90	.98	14.50	.88	14.90	.97	15.50	.84	15.90	.97
S	12000	16.50	.80		16.90	.96	17.50	.70	17.90	.94	18.50	.56	18.90	.90
S	12000	20.50	.49		20.90	.85	21.50	.93	24.90	.93	25.50	.81	25.90	.92
S	12000	26.50	.77		26.90	.91	27.50	.67	27.90	.89	28.50	.47	28.90	.85
S	12000	31.50	.92		36.90	.82	37.50	.62	37.90	.80	38.50	.42	38.90	.76
S	12000	40.50	.40		40.90	.68	41.50	.88	46.90	.74	47.50	.58	47.90	.72
S	12000	48.50	.38		48.90	.68	50.90	.61	51.50	.84	54.50	.75	56.90	.68
S	12000	58.90	.61		60.50	.33	60.90	.54	61.50	.80	61.90	.64	62.50	.77
S	12000	65.50	.64		67.90	.59	68.50	.30	68.90	.54	70.90	.36	71.50	.70
S	12000	71.90	.46		72.50	.67	72.90	.46	73.50	.52	73.90	.44	76.50	.56
S	12000	76.90	.41		78.50	.20	78.90	.39	81.50	.50	81.90	.10	82.50	.47
S	12000	82.90	.09		83.50	.42	83.90	.08	84.50	.38	84.90	.07	85.50	.34
S	12000	85.90	.07		86.50	.30	86.90	.06	87.50	.20	87.90	.04		



## REFERENCES

1. Graybill, J. P., R. L. Burgner, J. C. Gislason, P. E. Huffman, K. H. Wyman, R. G. Gibbons, K. W. Kurko, Q. J. Stober, T. W. Fagnan, A. P. Stayman, and D. M. Eggers. 1979. Assessment of the reservoir-related effects of the Skagit Project on downstream fishery resources of the Skagit River, Washington. Univ. Washington, Fisheries Research Institute, Final Report, FRI-UW-7905, 602 pp.
2. Chambers, J. S., G. H. Allen and R. T. Pressey. Research relating to study of spawning grounds in natural areas - Annual Report, 1955. Wash. Dept. Fisheries. 175 pp.
3. Anonymous. 1965. A compilation of surface water flow depth and velocity measurements over redds of four anadromous fish species in several western Oregon streams. Env. Mgmt. Sec., Oregon Dept. Fish & Wildlife. 38 pp.
4. Data from reference 2 modified by WDF staff for Illabot Creek.
5. FRI data, observations based on transect measurements.
6. FRI data, observations based on electrofishing and transect measurements.
7. Criteria recommended by WDF staff for Illabot Creek IFIM.
8. Heiser, D. W. (1971). Measurements taken on 2,000 pink salmon redds in Western Washington.
9. Heiser, D. W. Spawning depths and velocities of chum and pink salmon in Western Washington.
10. Fish Rearing Habitat Data. 1969. Oregon State Game Commission. Unpublished file data.
11. Wampler, P. 1982. Unpublished review of literature.
12. Data from reference 11 modified by WDF staff for Illabot Creek.

13. Hunter, J. W. 1973. A discussion of game fish in the State of Washington as related to water requirements. Wash. Dept. Game. 66 pp.
14. Oregon Game Commission - Oregon Fish Commission. Unpublished file data.
15. Everest, F. H. and D. W. Chapman. 1972. Habitat selection and spatial interaction by juvenile chinook salmon and steelhead trout in two Idaho streams. J. Fish. Res. Bd. Can. 29:91-100.
16. Data from reference 10 modified by WDG staff.
17. Hanson, D. L. 1977. Unpublished file data. Washington Dept. of Game, Olympia, Washington.
18. Hartman, G. F. and D. M. Galbraith. 1970. The reproductive environment of the Gerrard Stock rainbow trout. British Columbia Fish and Wildlife Branch, Fish Mgnt. Publ. 15. 51 pp.
19. Arctic Environmental Information and Data Center. 1981. An assessment of environmental effects of construction and operation of the proposed Terror Lake hydroelectric facility, Kodiak, Alaska.
20. Spence, L. E. 1977. Unpublished file data. Montana Dept. Fish Game, Helena, Montana.
21. Brown, C. J. D. 1952. Spawning habits and early development of the Mountain whitefish, Prosopium williamsoni, in Montana. Copeia. 1952 (2):109-113.
22. Cochnauer, T. 1977. Unpublished file data. Idaho Dept. of Fish and Game. Jerome, Idaho.
23. Data from reference 22 modified by WDG staff.

Additional references:

Baldrige, J. E. and D. Amos. 1982. A technique for determining fish habitat suitability criteria: A comparison between habitat

utilization and availability. In Proceedings of Symposium on Acquisition and Utilization of Aquatic Habitat Inventory Information, Western Div. of Amer. Fish. Soc.

Chow, V. T. 1959. Open Channel Hydraulics, McGraw-Hill, New York. 680 pp.

Stober, Q. J., C. R. Steward, and F. Winchell. 1983. Tolt River fisheries and instream flow analysis. Final Report to City of Seattle Lighting and Water Departments. Fish. Res. Inst., Univ. of Wash., Seattle. 352 pp. FRI-UW-8213.

References 2, 3, 8, 9, 10, 13, 14, 15, 17, 18, 20, 21, and 22 are contained in Bovee 1978. Probability of use criteria for the family Salmonidae. Instream flow information paper No. 4. FWS/OBS-78/07. Cooperative Instream Flow Service Group, Fort Collins, Colorado. 80 pp.

APPENDIX C

## REACH 1 - CHINOOK SALMON

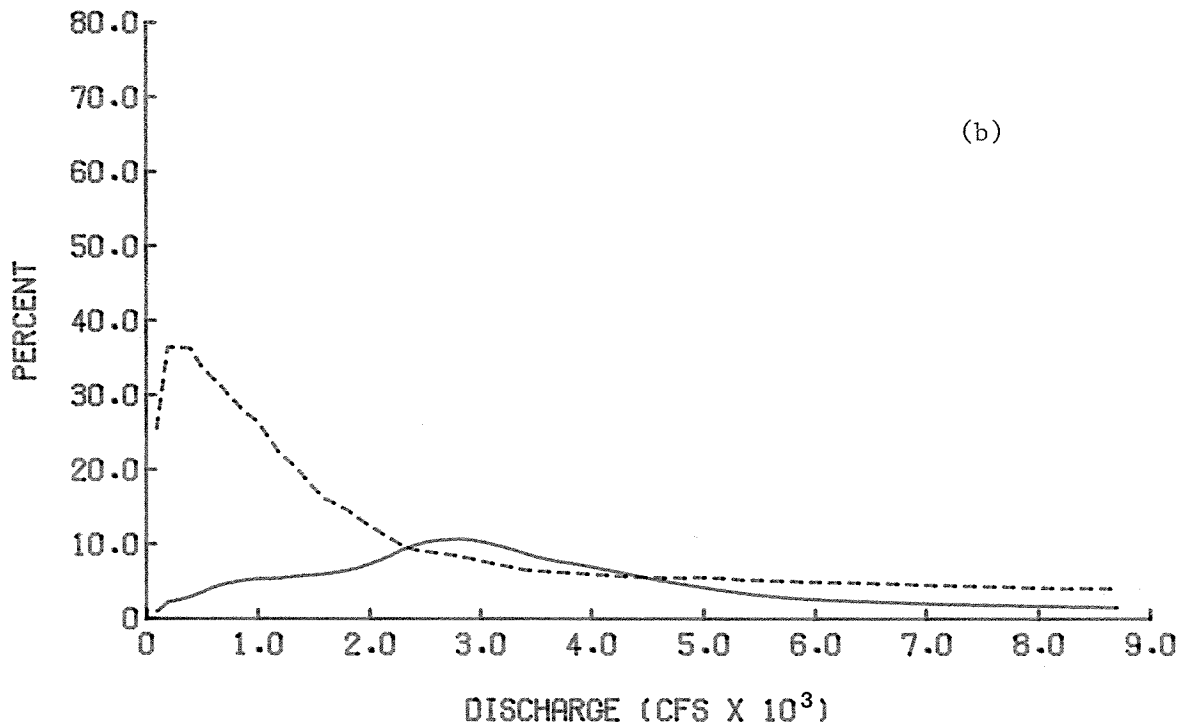
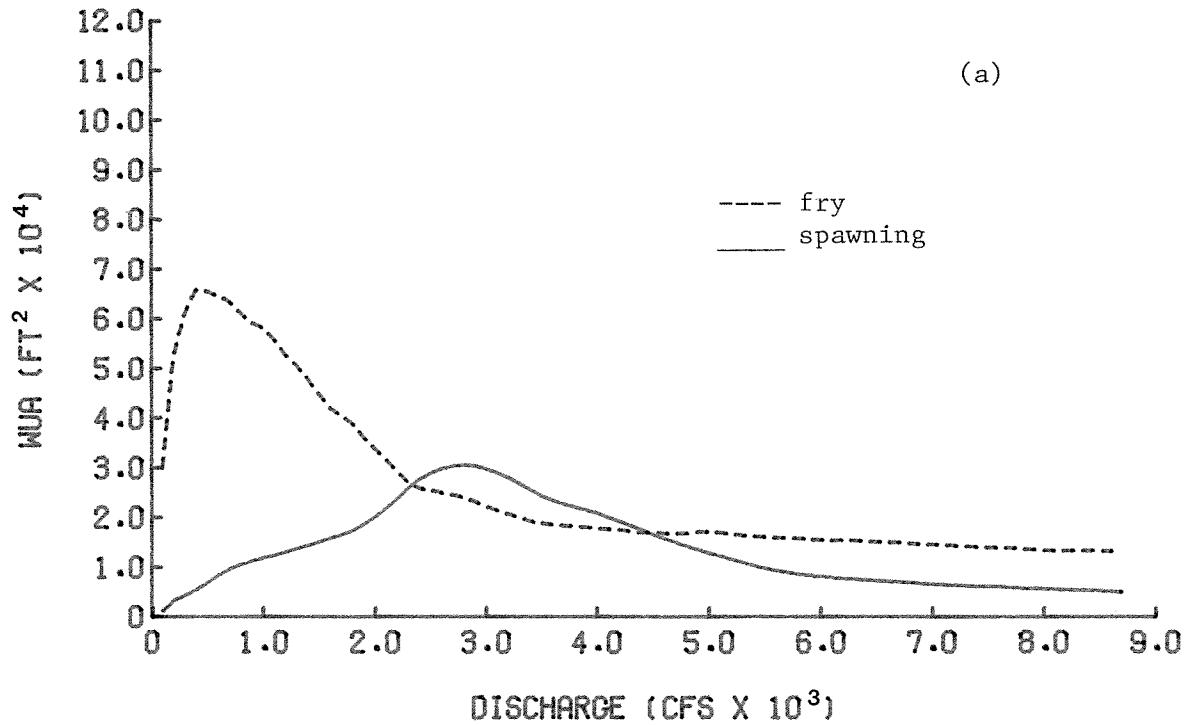


Figure 1. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 1 in the Skagit River.

## REACH 2 - CHINOOK SALMON

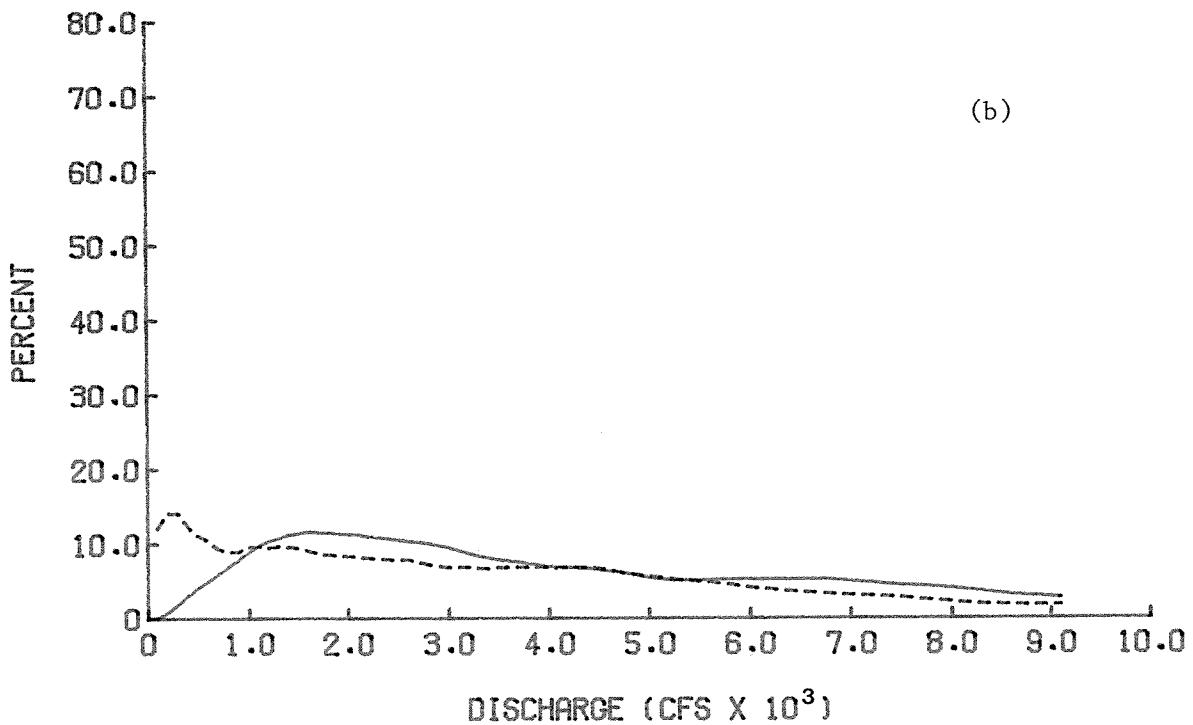
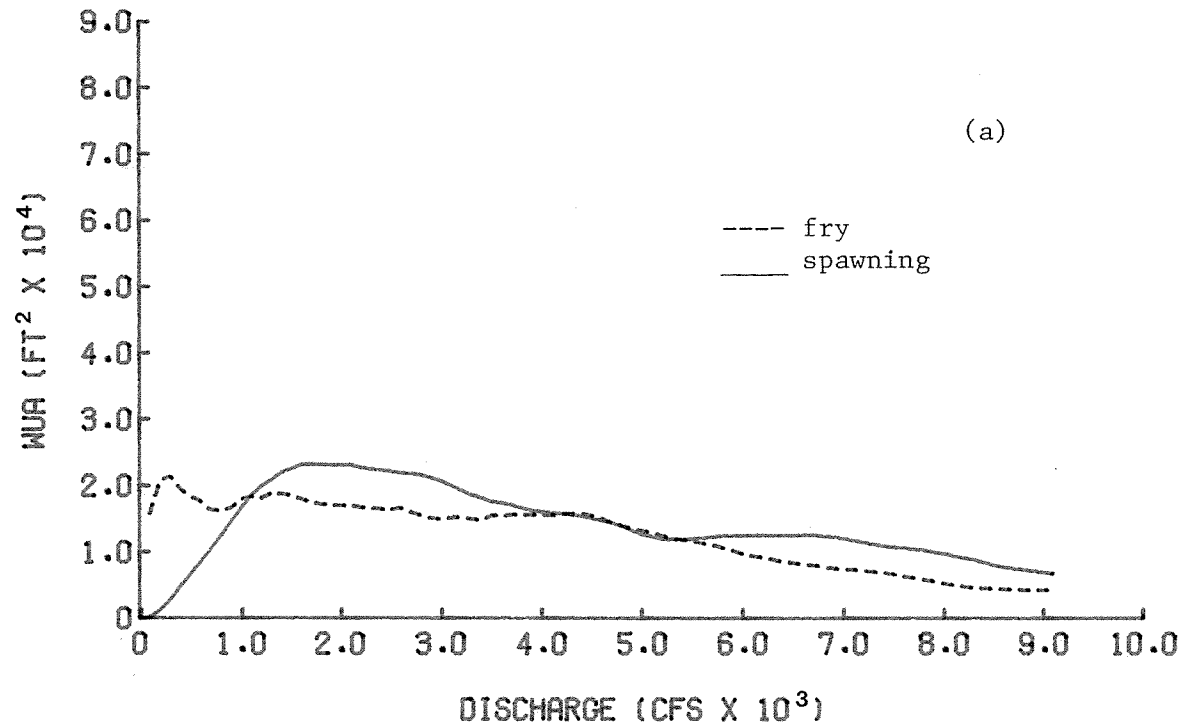


Figure 2. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 2 in the Skagit River.

## REACH 3 - CHINOOK SALMON

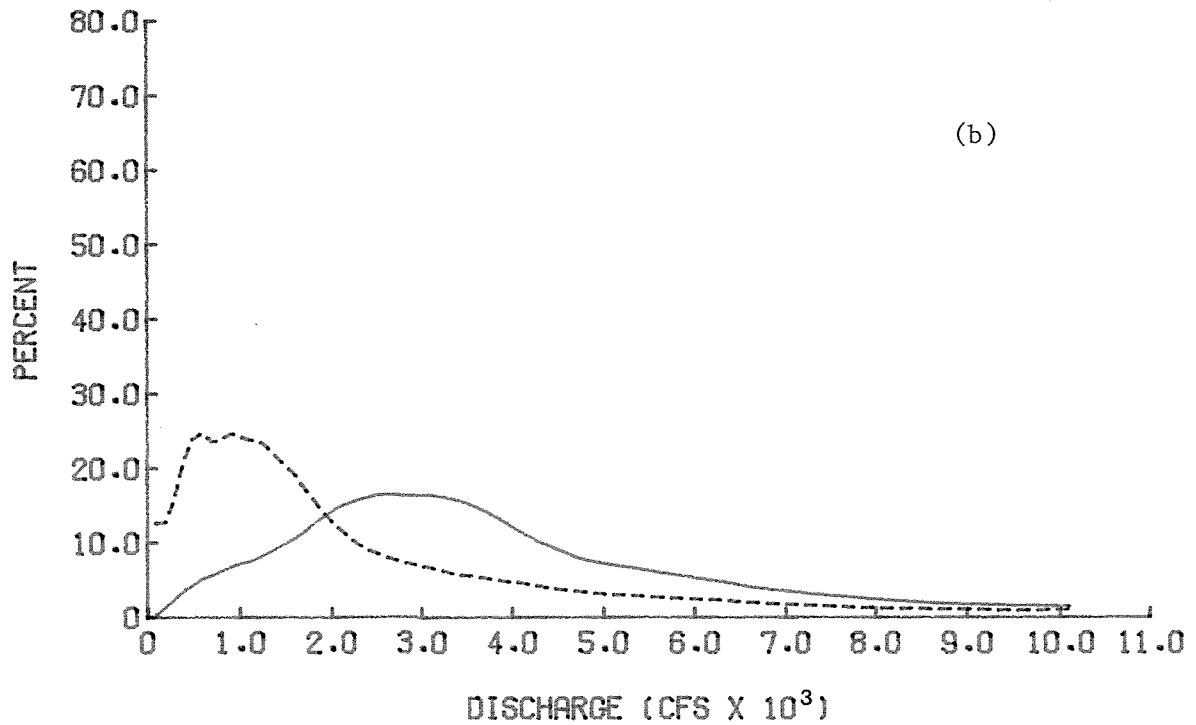
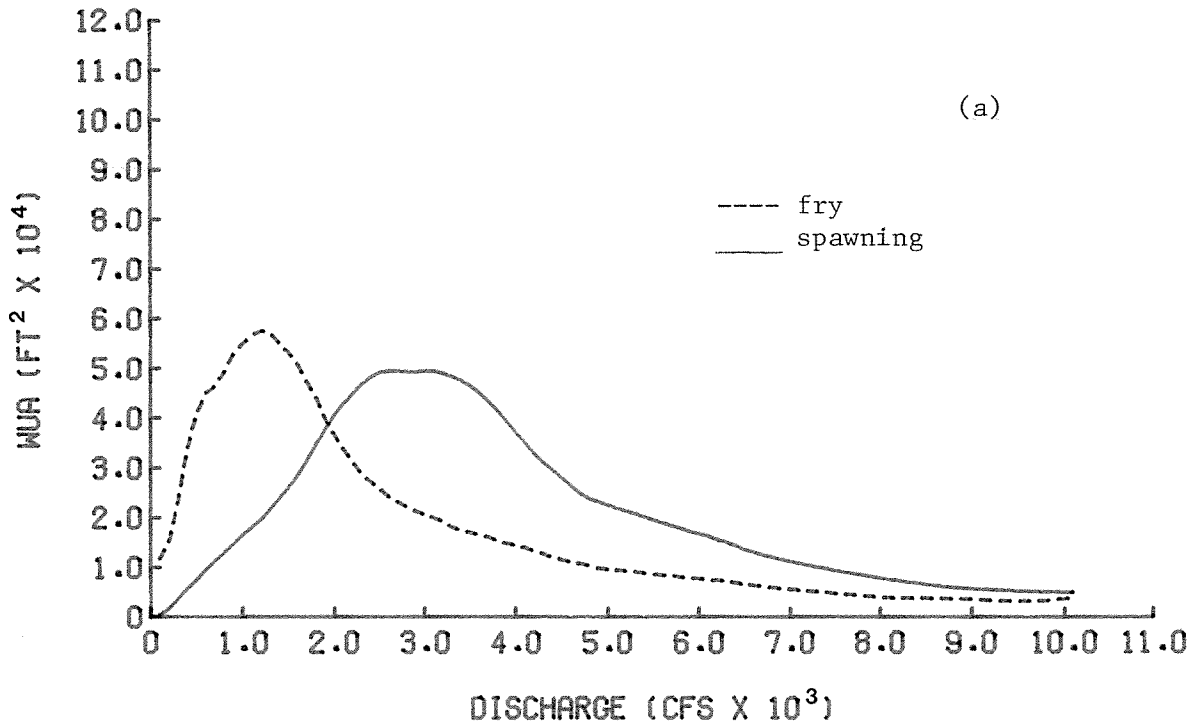


Figure 3. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 3 in the Skagit River.

## REACH 4 - CHINOOK SALMON

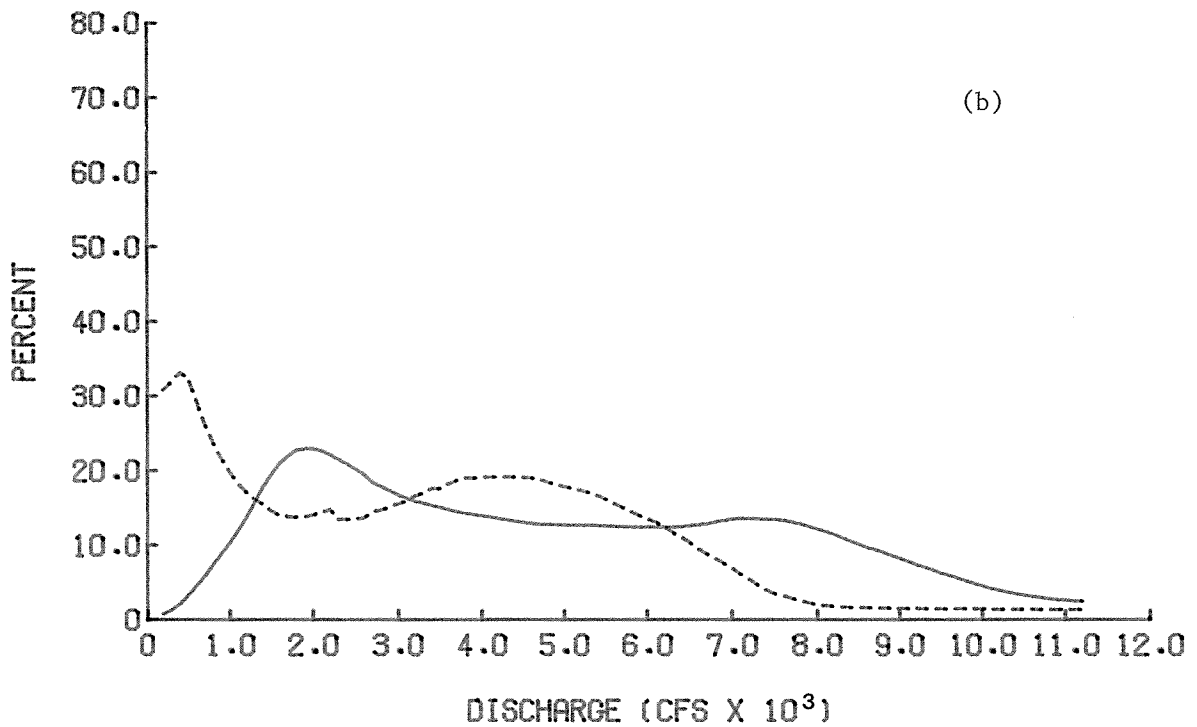
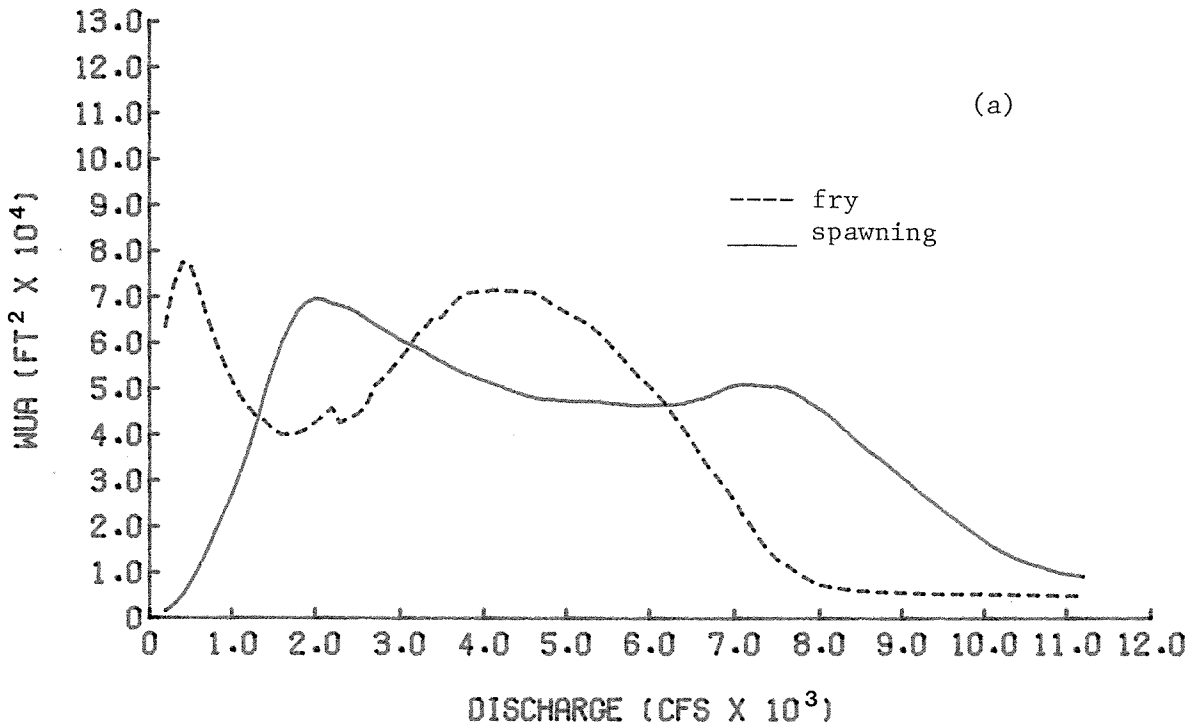


Figure 4. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 4 in the Skagit River.

REACH 5 - CHINOOK SALMON

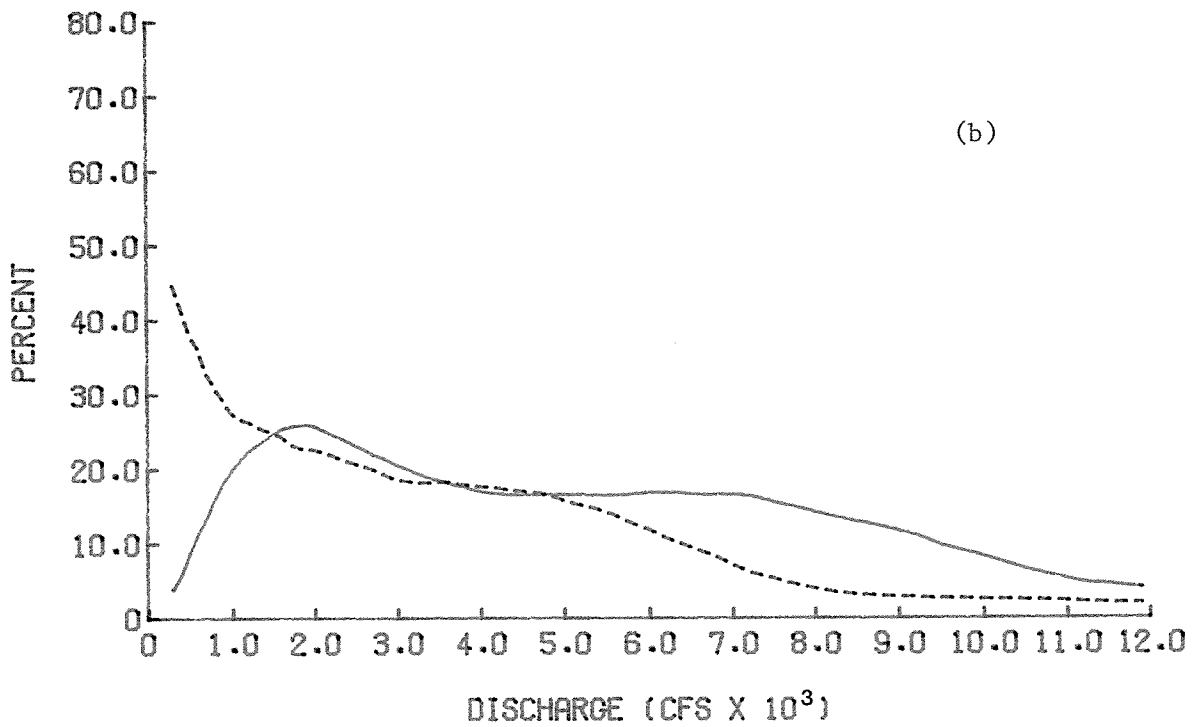
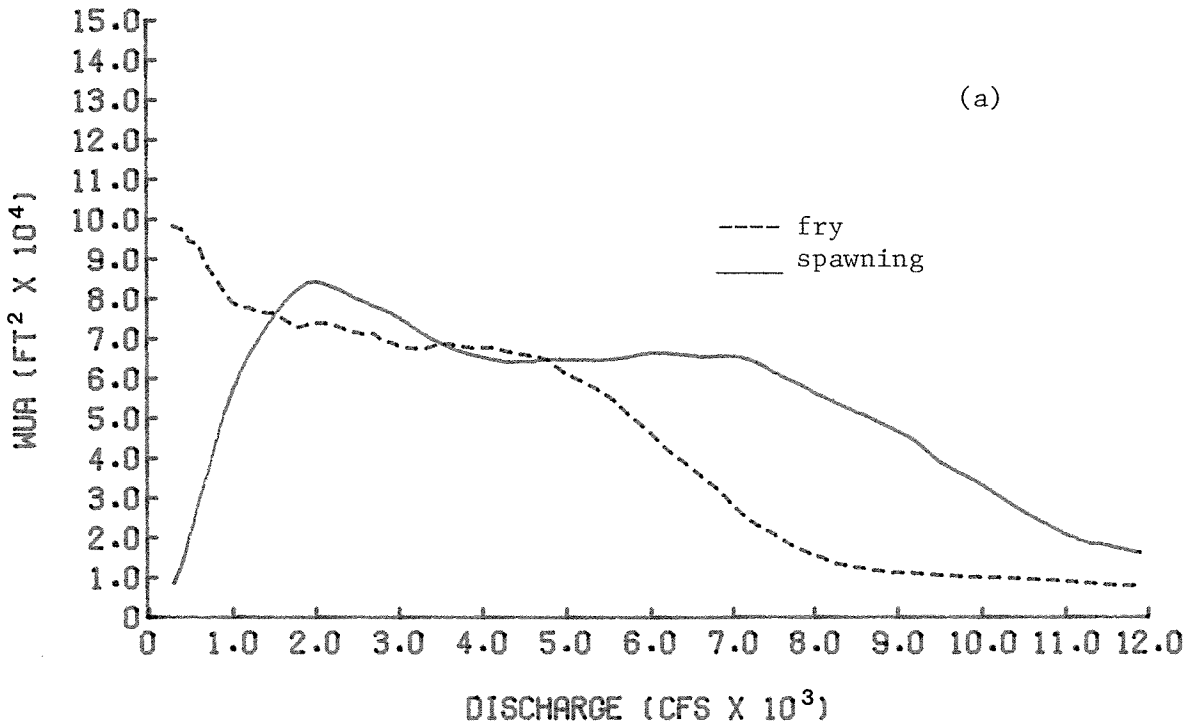


Figure 5. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 5 in the Skagit River.

REACH 7 - CHINOOK SALMON

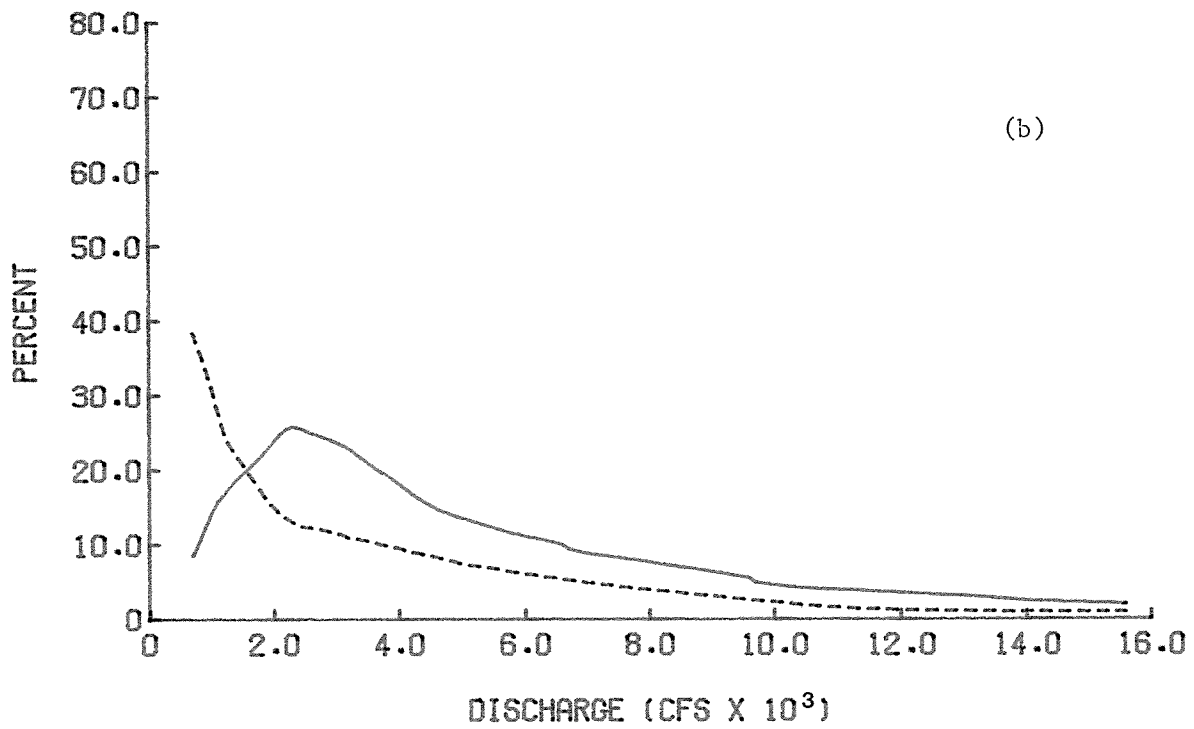
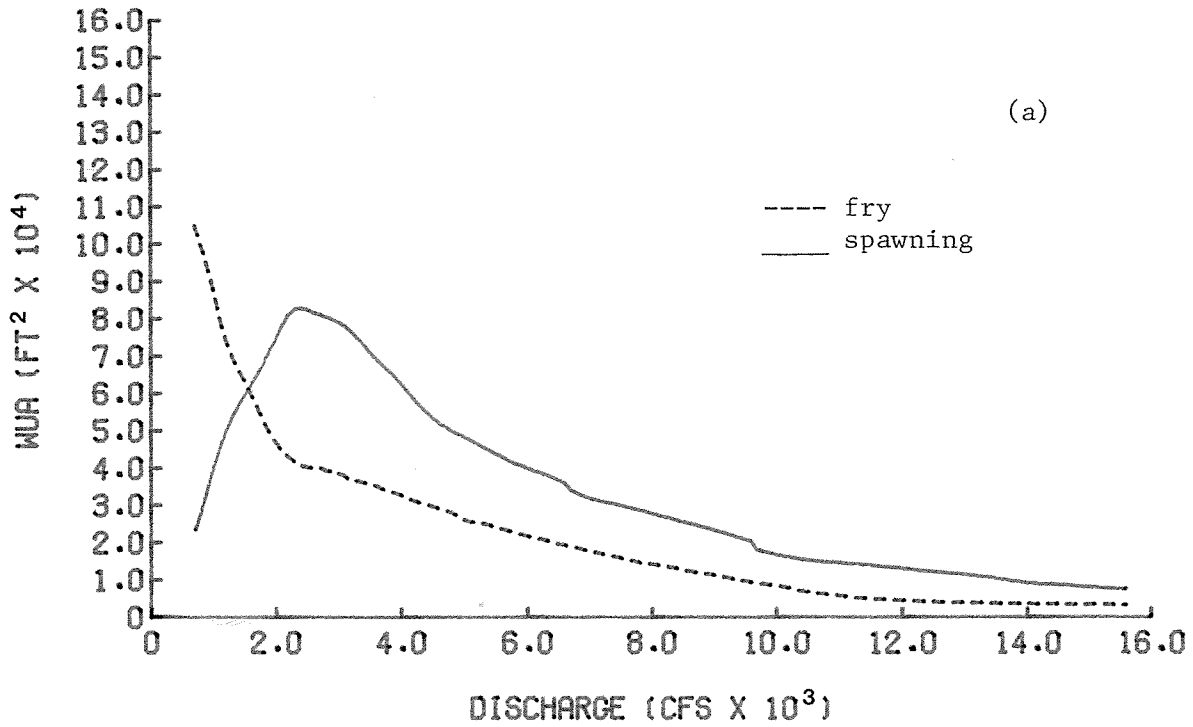


Figure 6 . WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 7 in the Skagit River.

## REACH 8 - CHINOOK SALMON

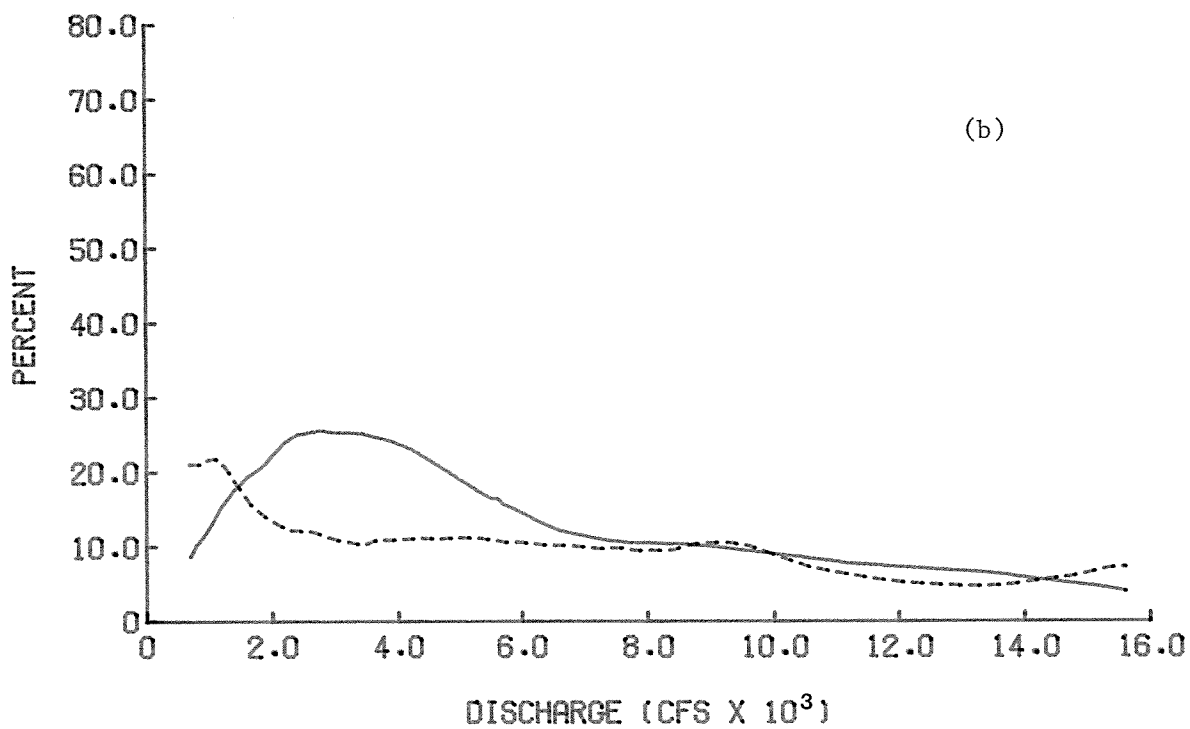
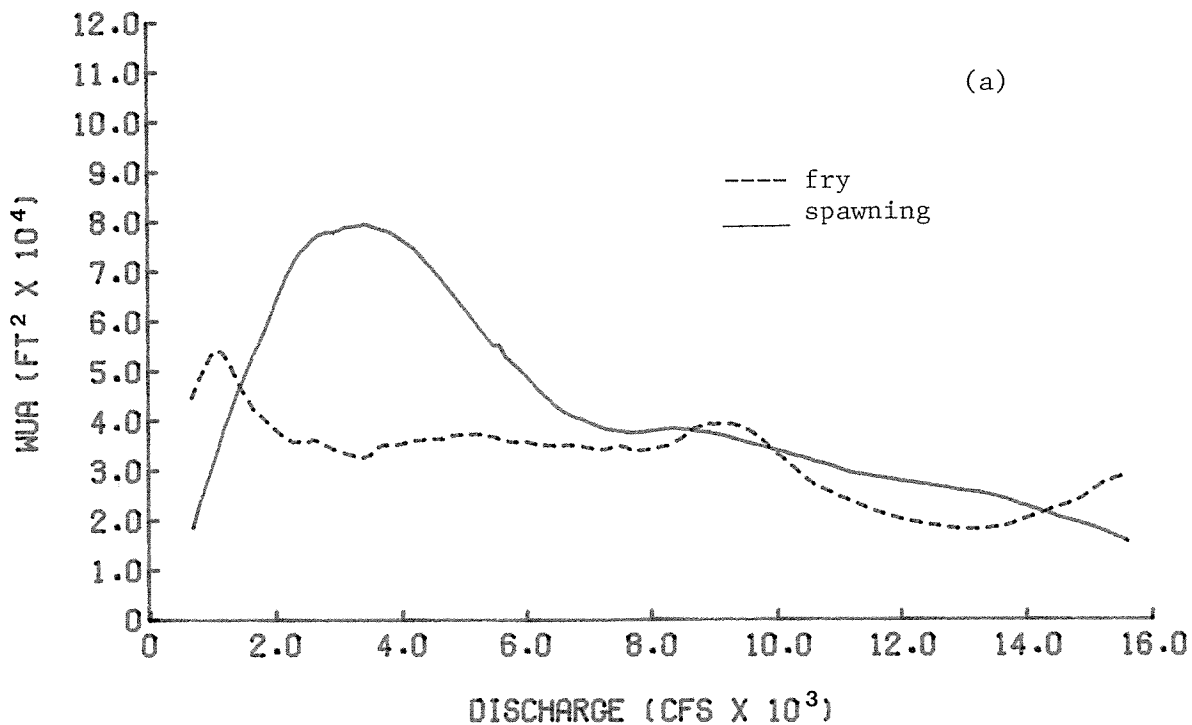


Figure 7. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chinook salmon spawning (nose velocity criterion) and fry life stages at reach 8 in the Skagit River.

## REACH 1 - PINK SALMON

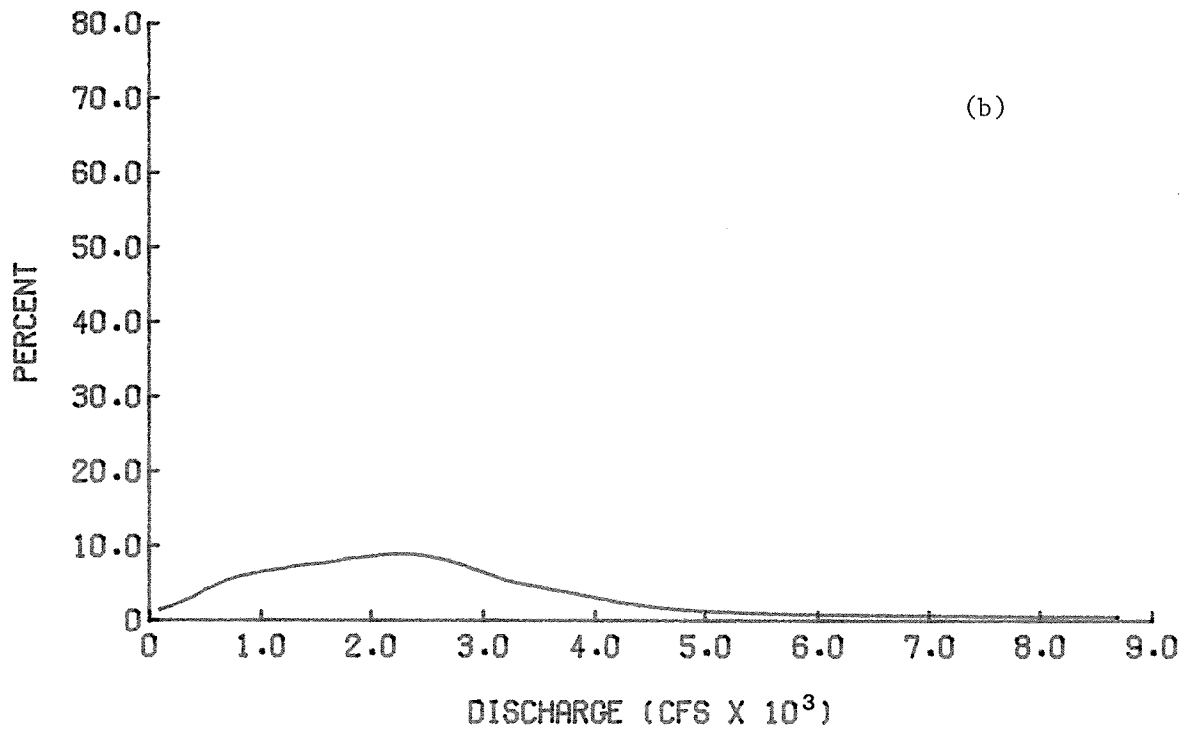
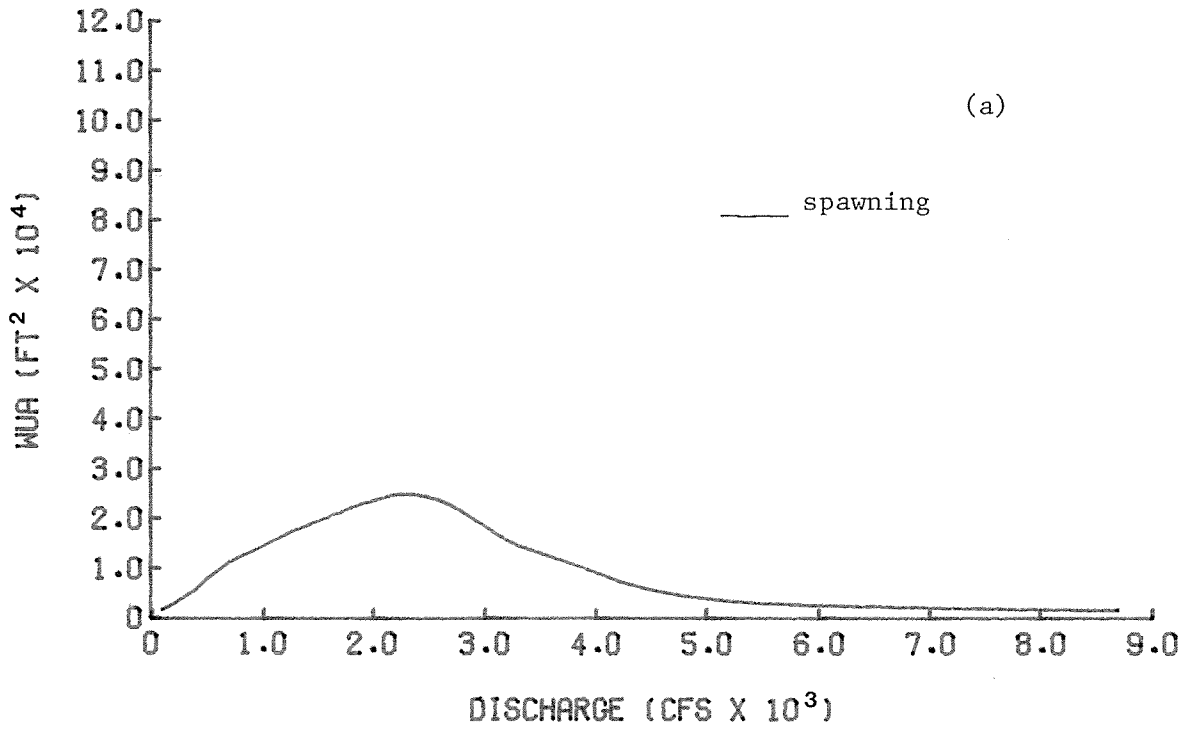


Figure 8. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 1 in the Skagit River.

## REACH 2 - PINK SALMON

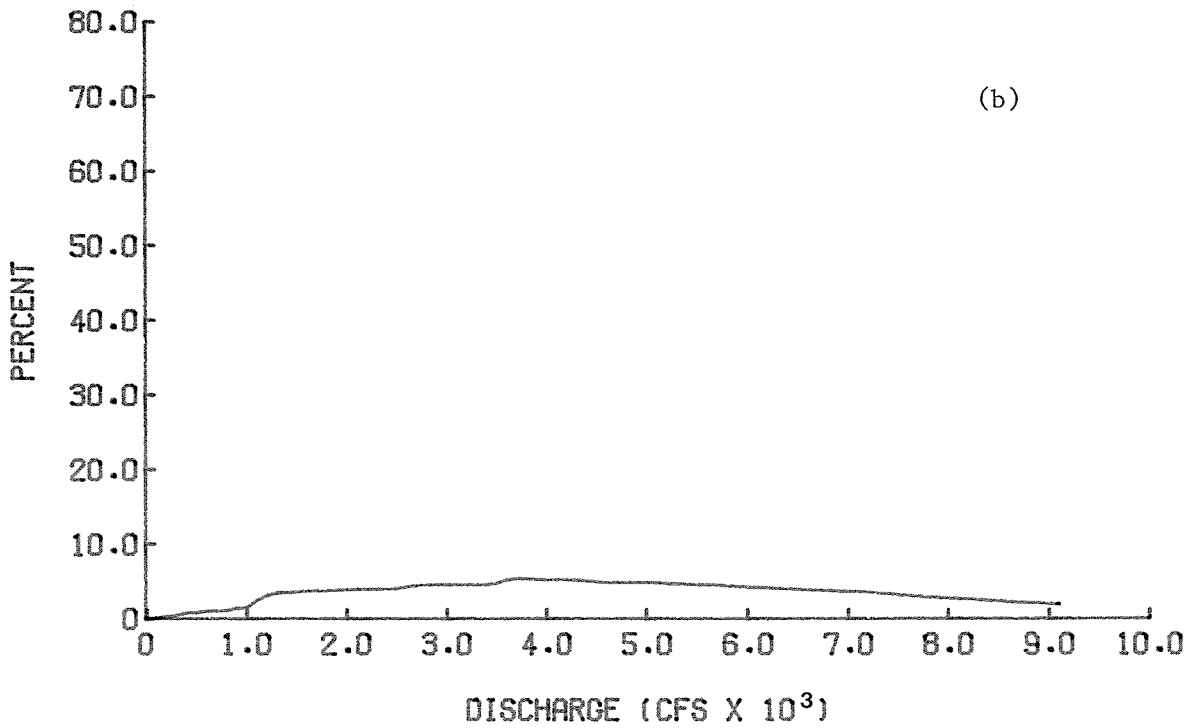
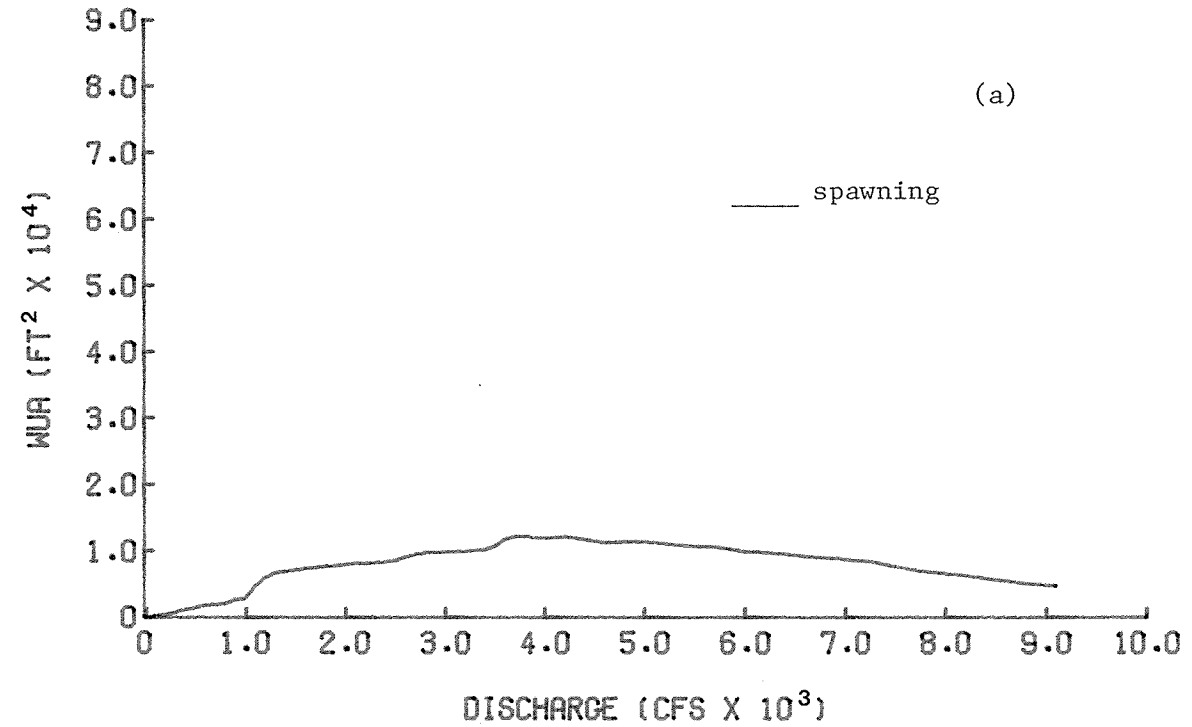


Figure 9. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 2 in the Skagit River.

## REACH 3 - PINK SALMON

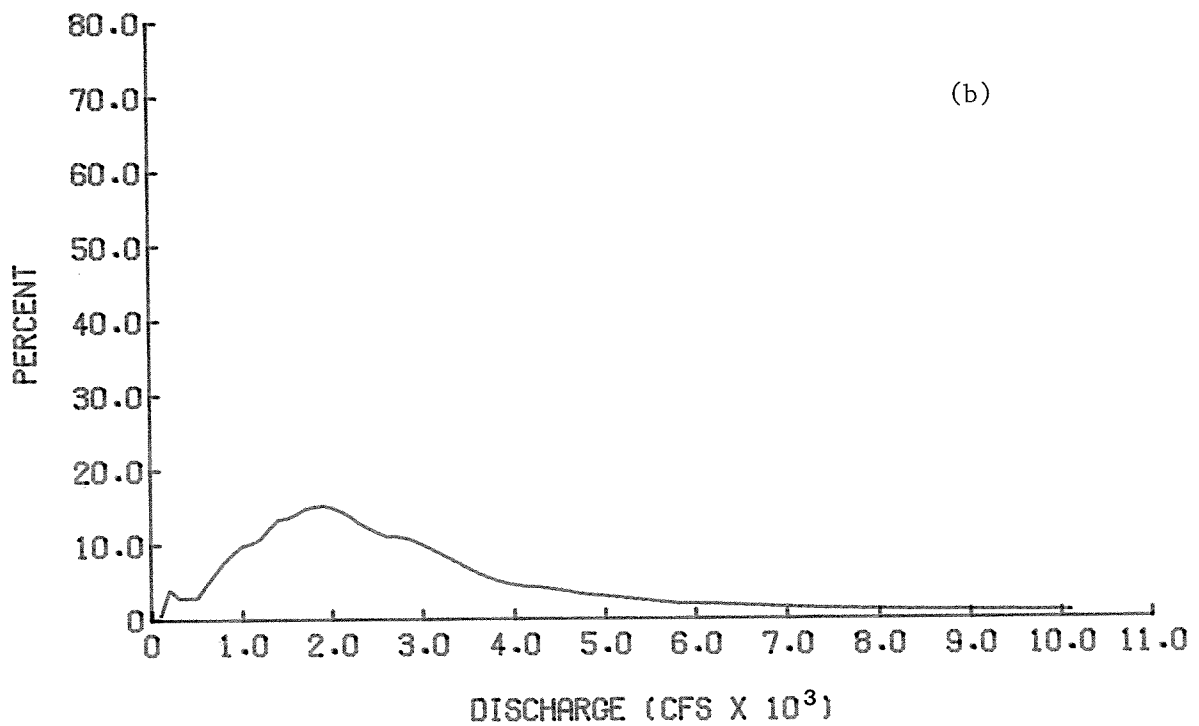
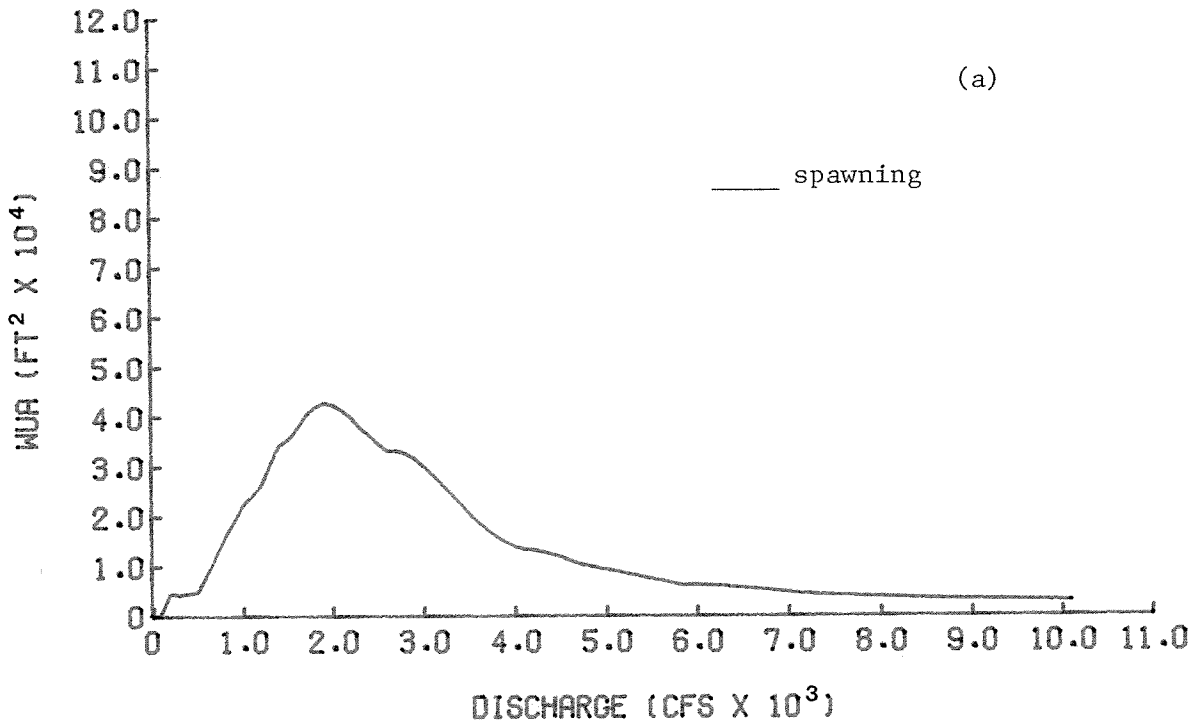


Figure 10. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 3 in the Skagit River.

## REACH 4 -- PINK SALMON

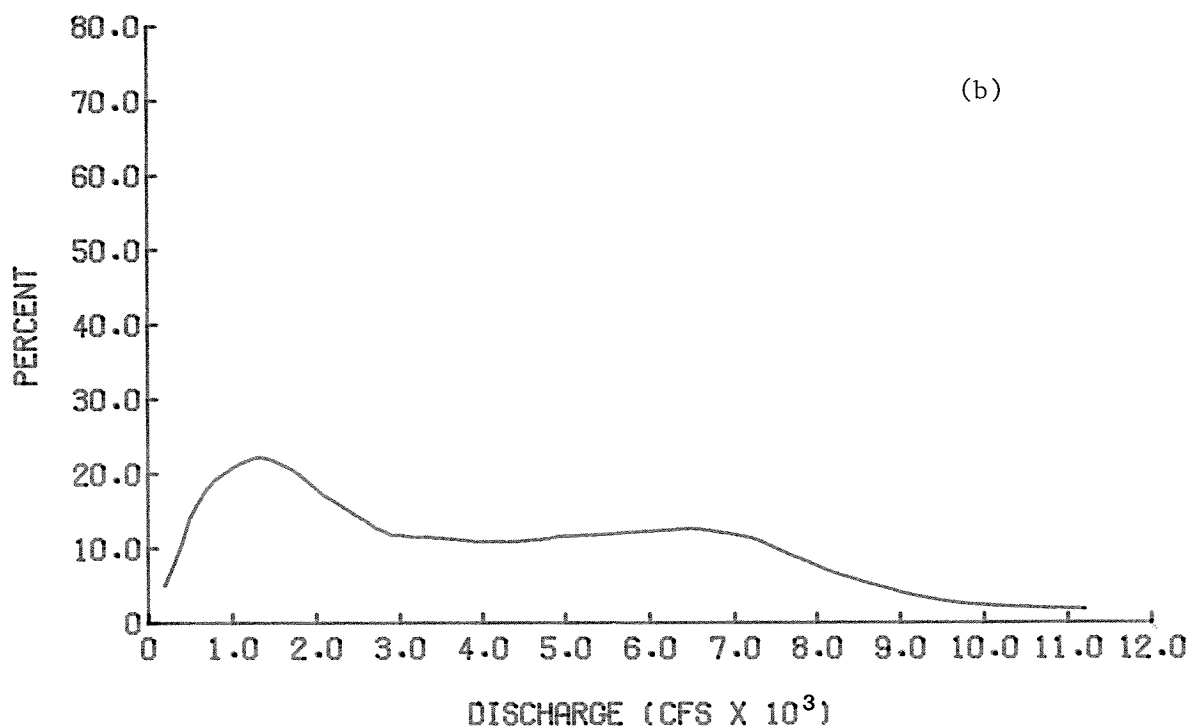
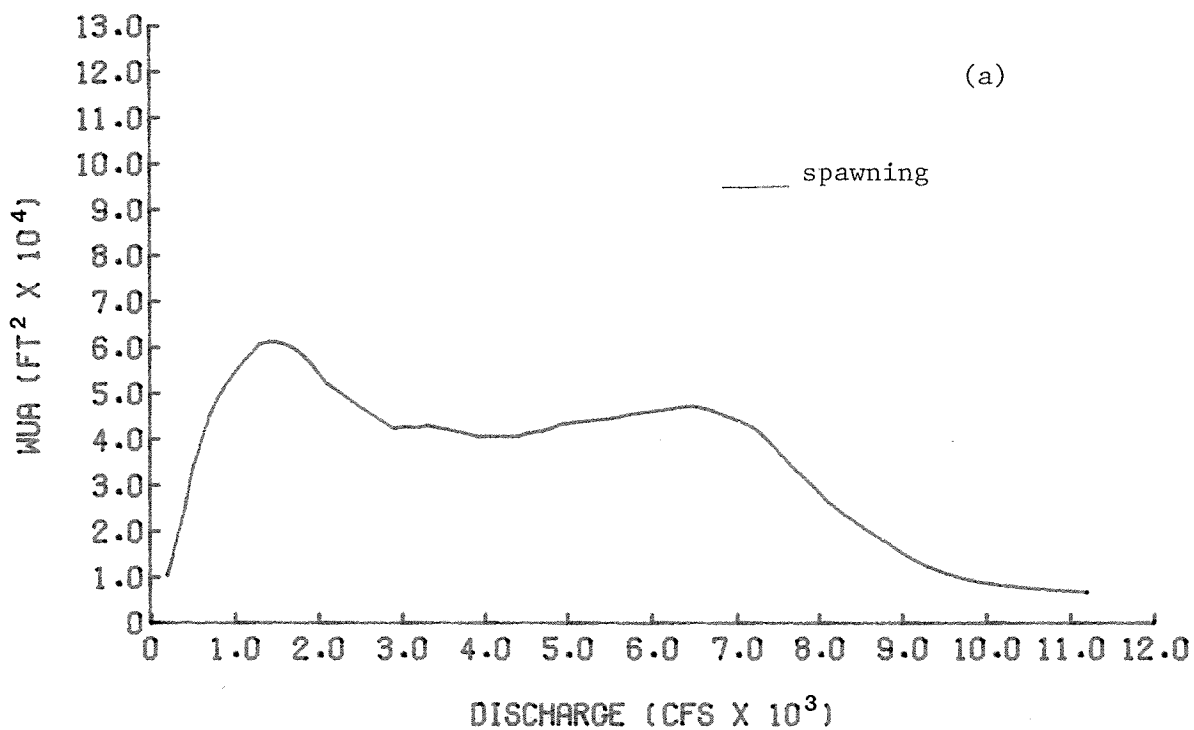


Figure 11. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 4 in the Skagit River.

## REACH 5 - PINK SALMON

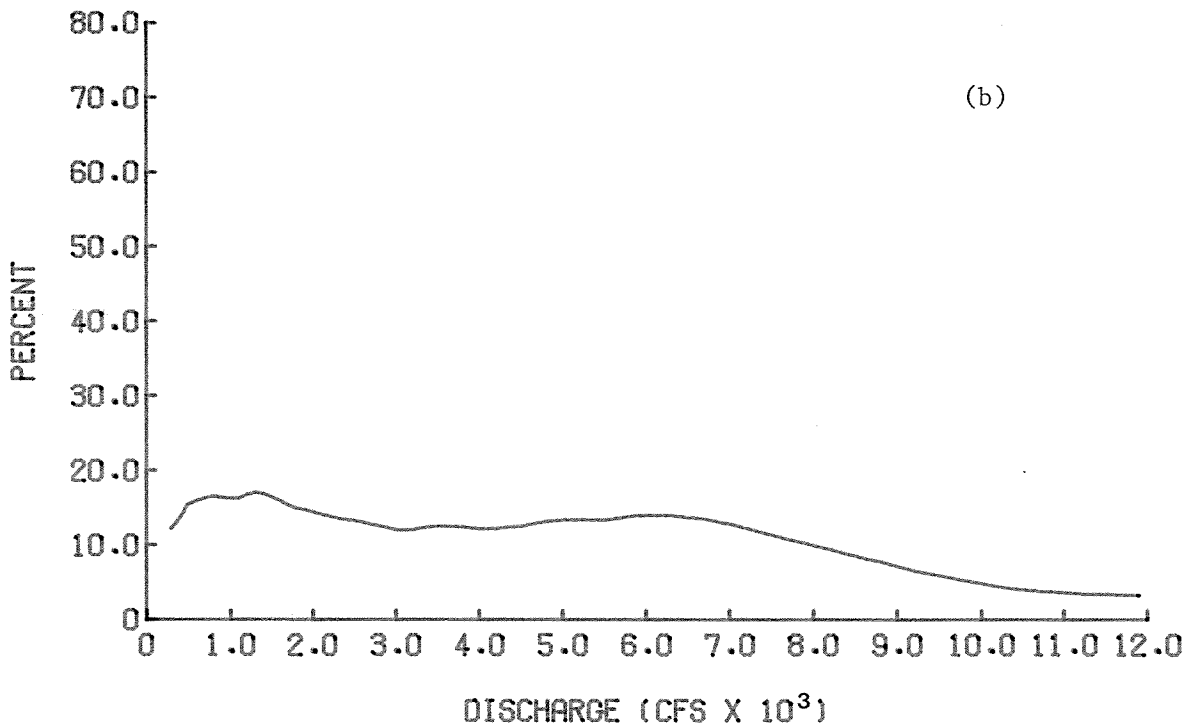
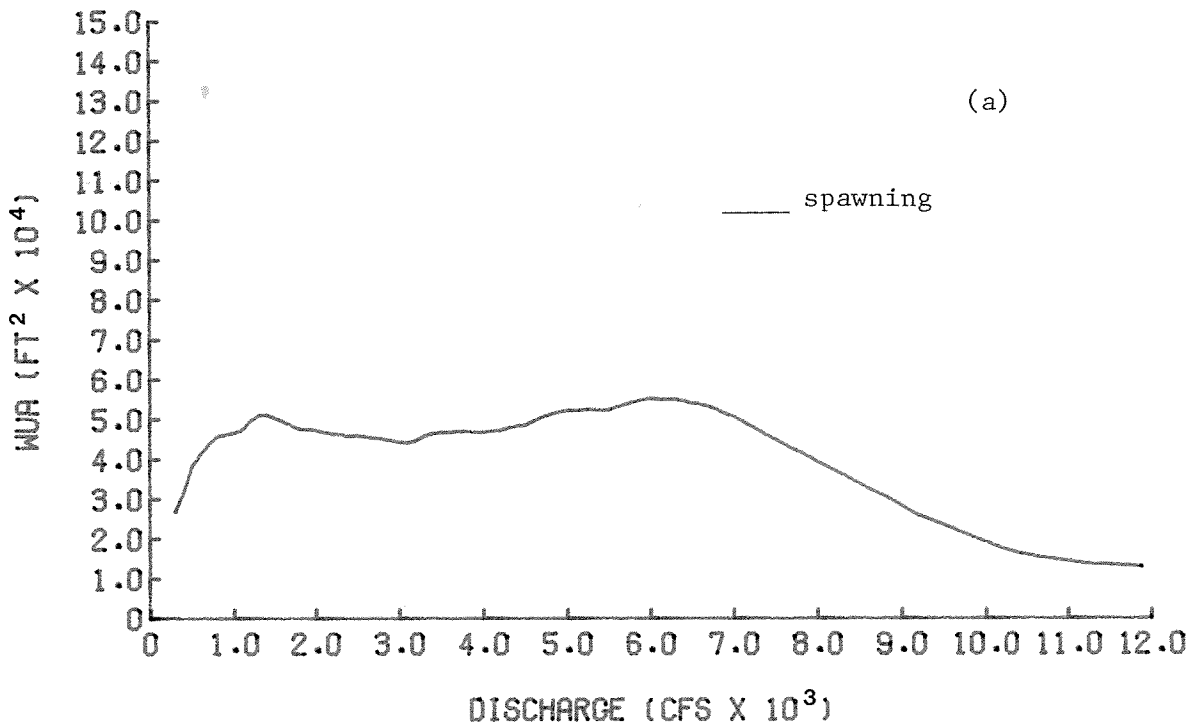


Figure 12. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 5 in the Skagit River.

## REACH 7 - PINK SALMON

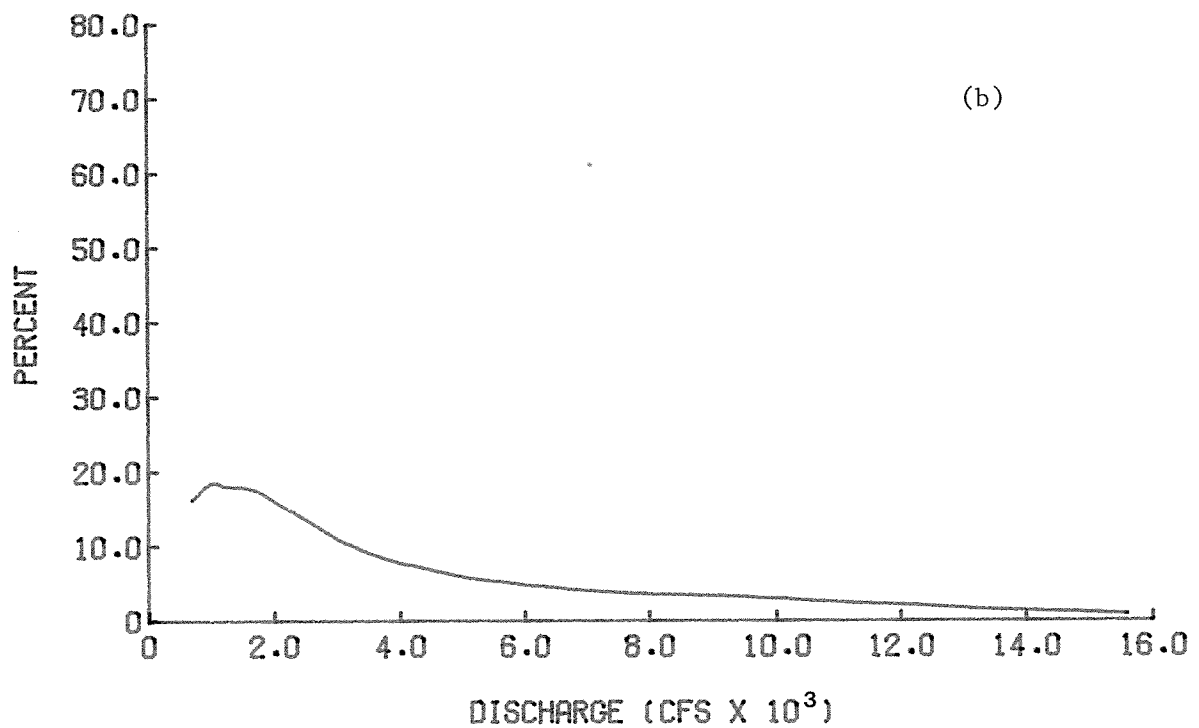
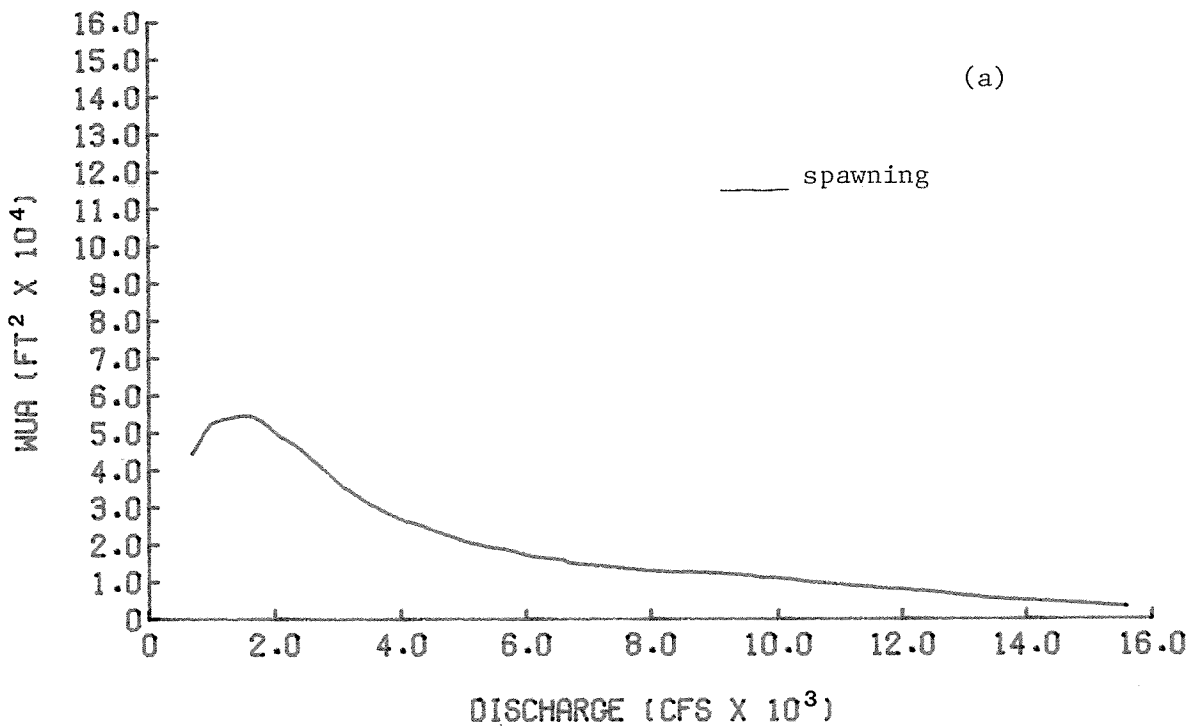


Figure 13. WUA in  $\text{ft}^2$  per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 7 in the Skagit River.

## REACH 8 - PINK SALMON

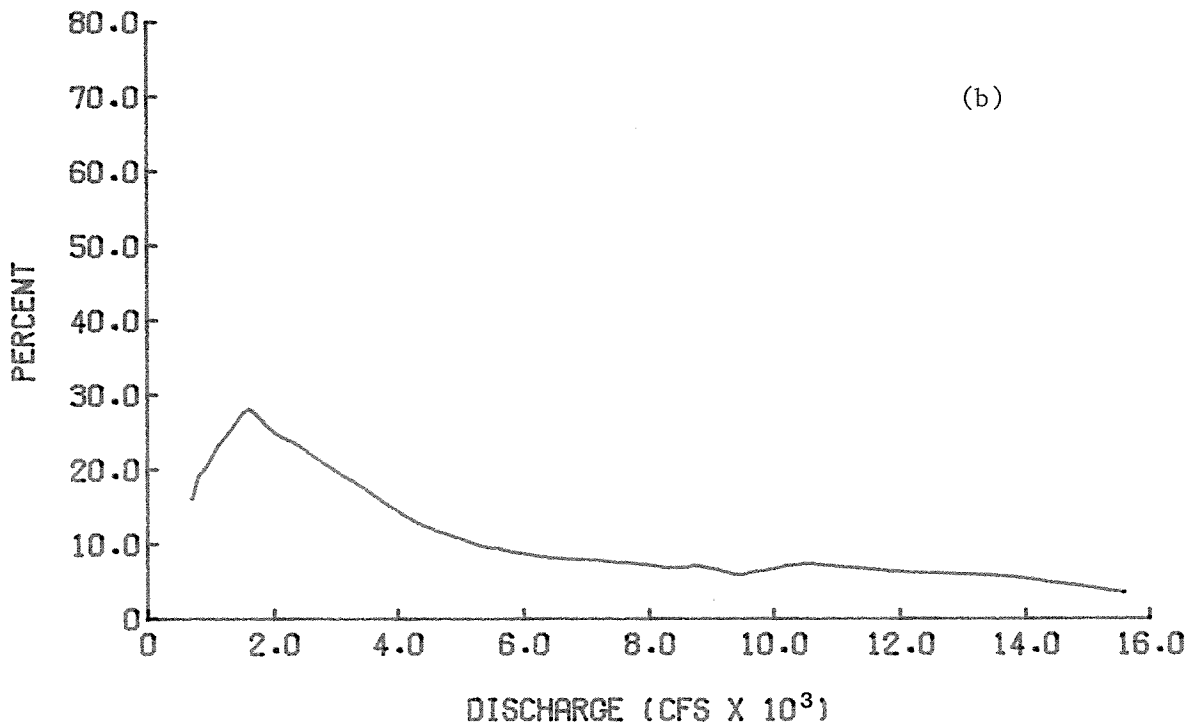
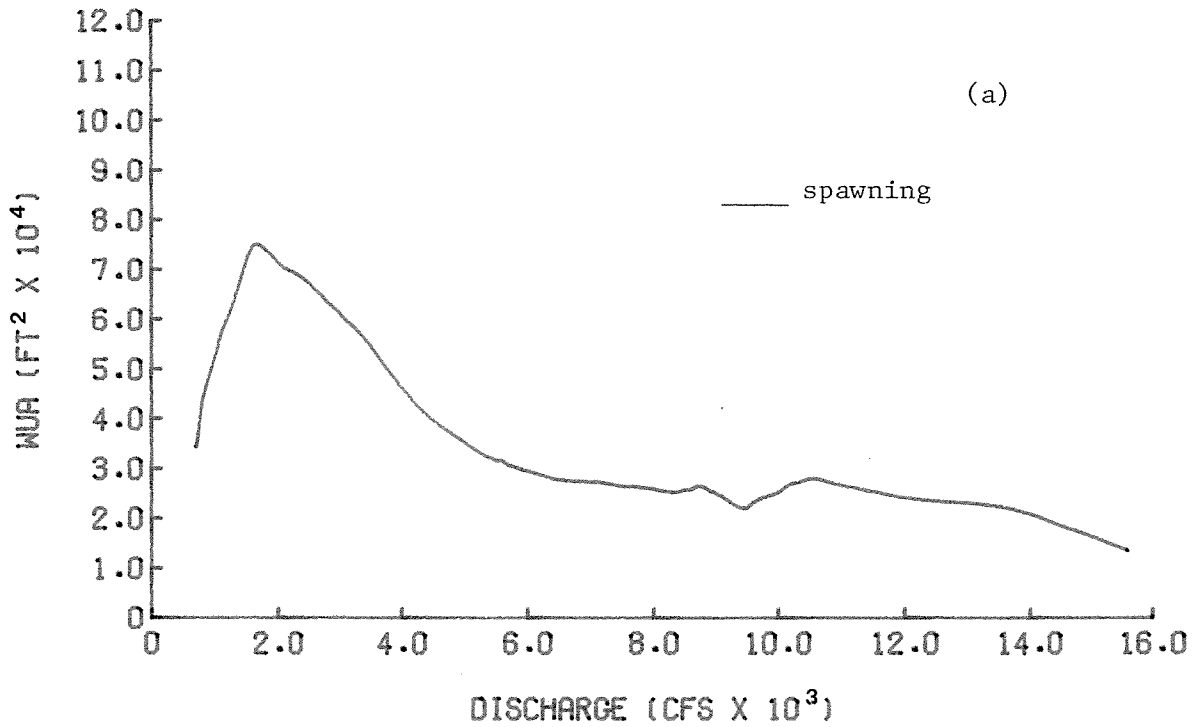


Figure 14. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream area (b) as a function of discharge (cfs) for pink salmon spawning (nose velocity criterion) life stage at reach 8 in the Skagit River.

## REACH 1 - CHUM SALMON

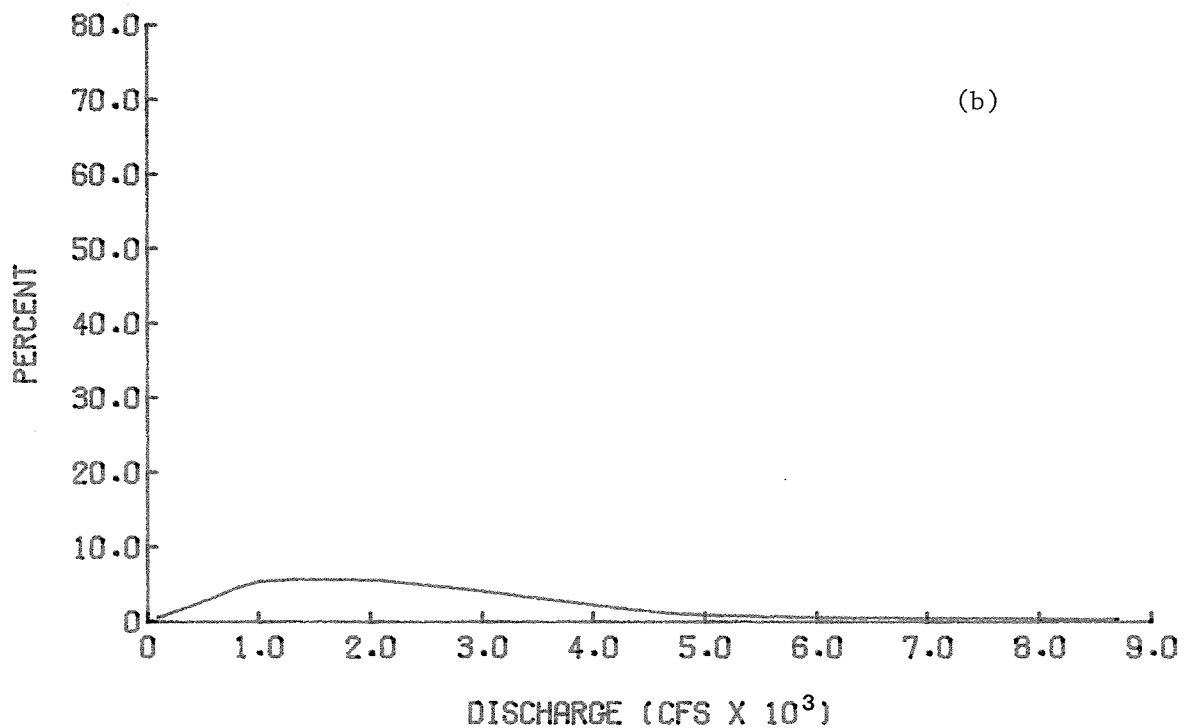
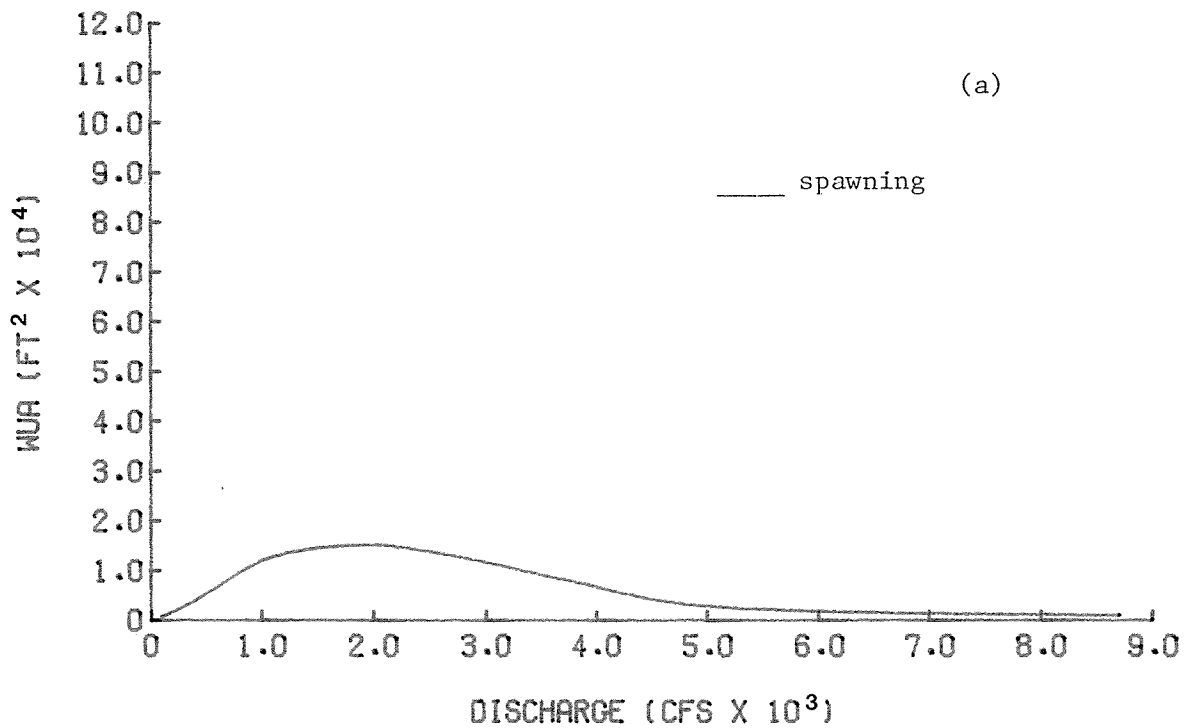


Figure 15. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 1 in the Skagit River.

REACH 2 - CHUM SALMON

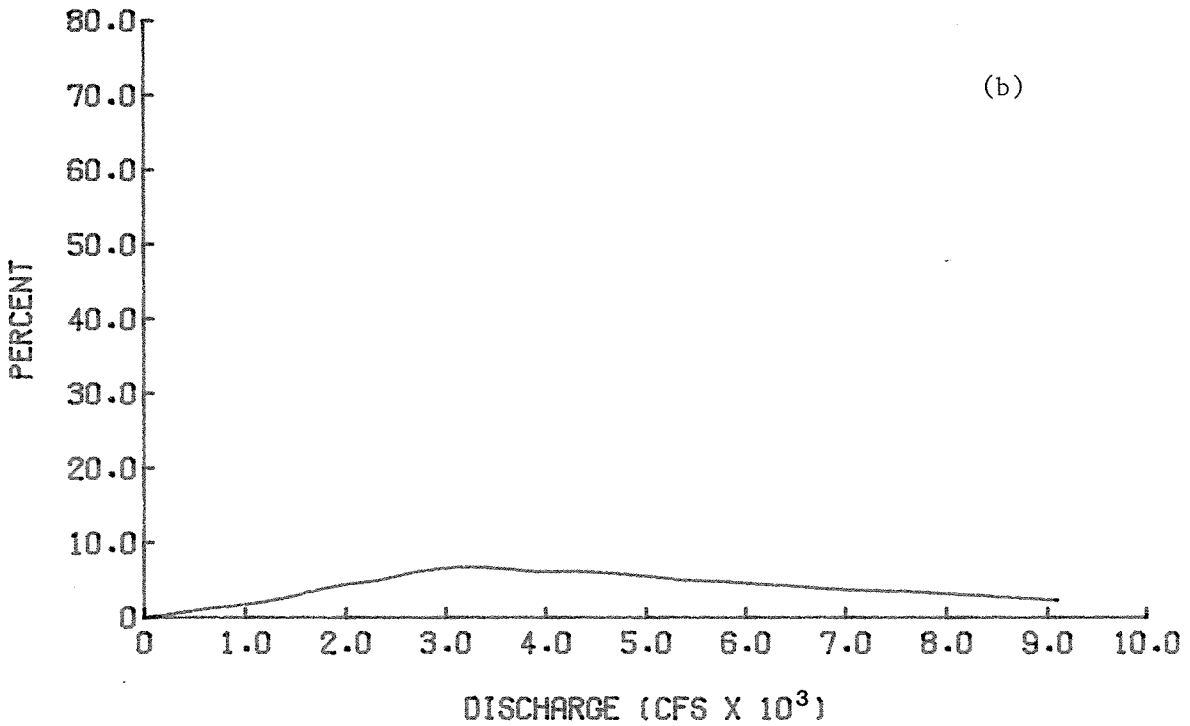
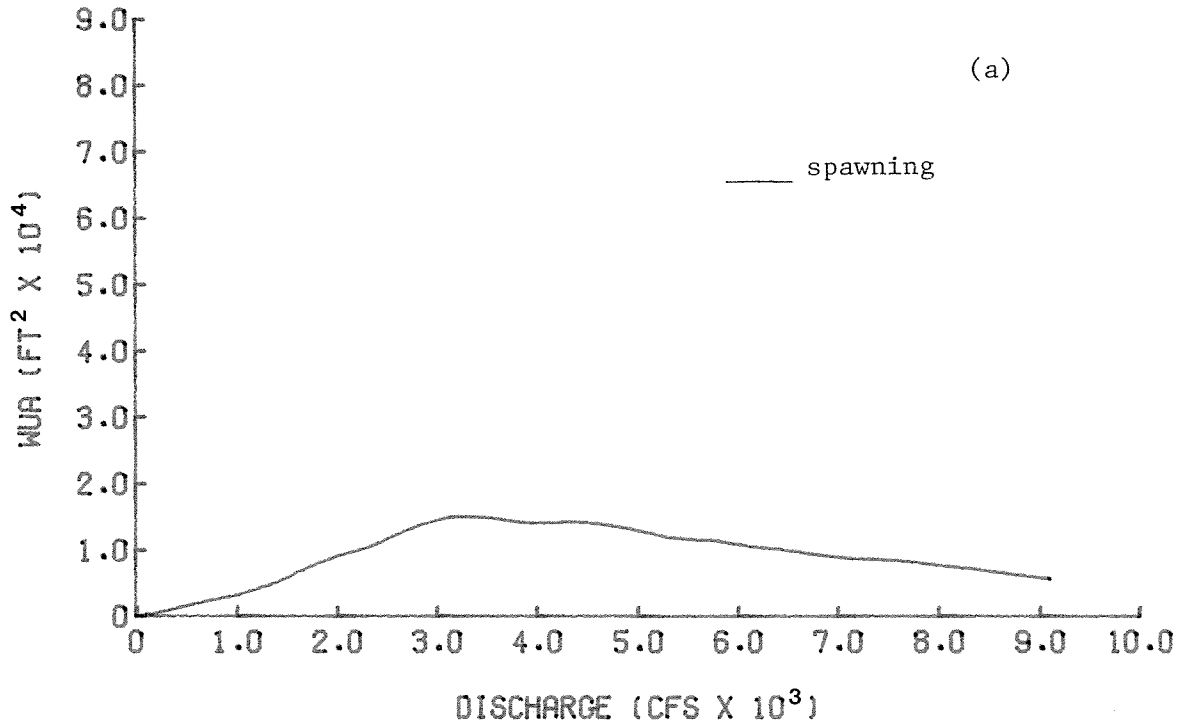


Figure 16. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 2 in the Skagit River.

## REACH 3 - CHUM SALMON

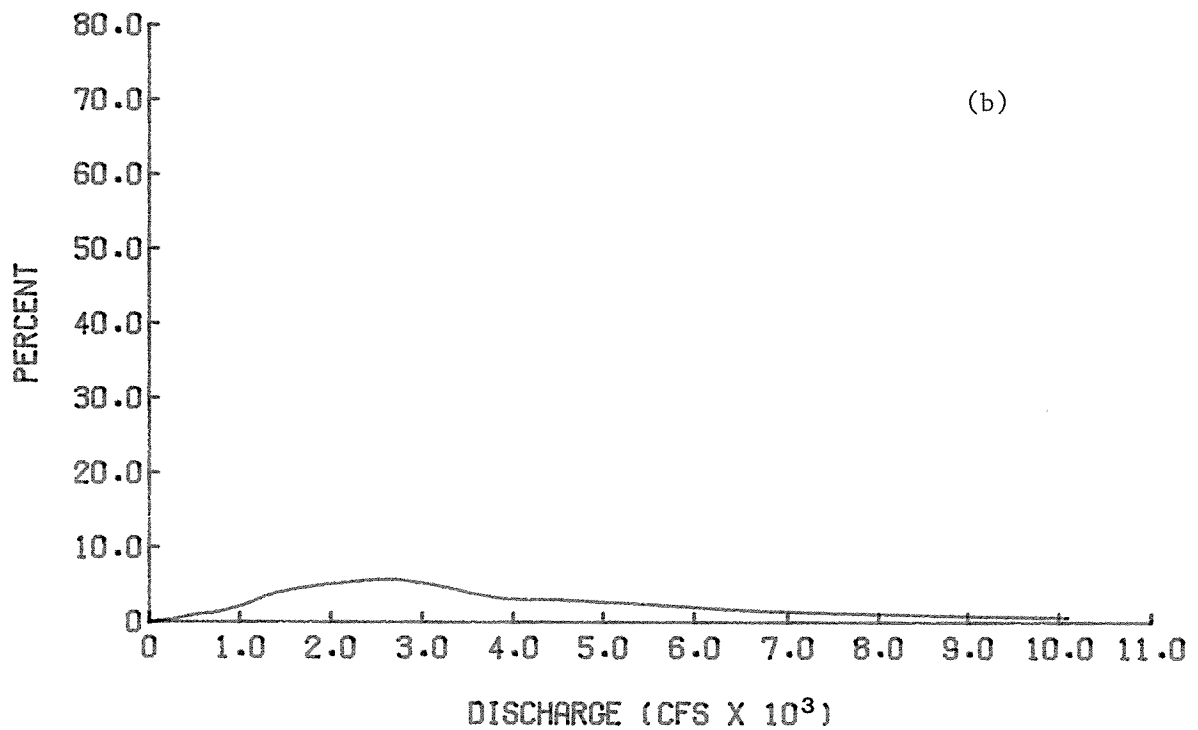
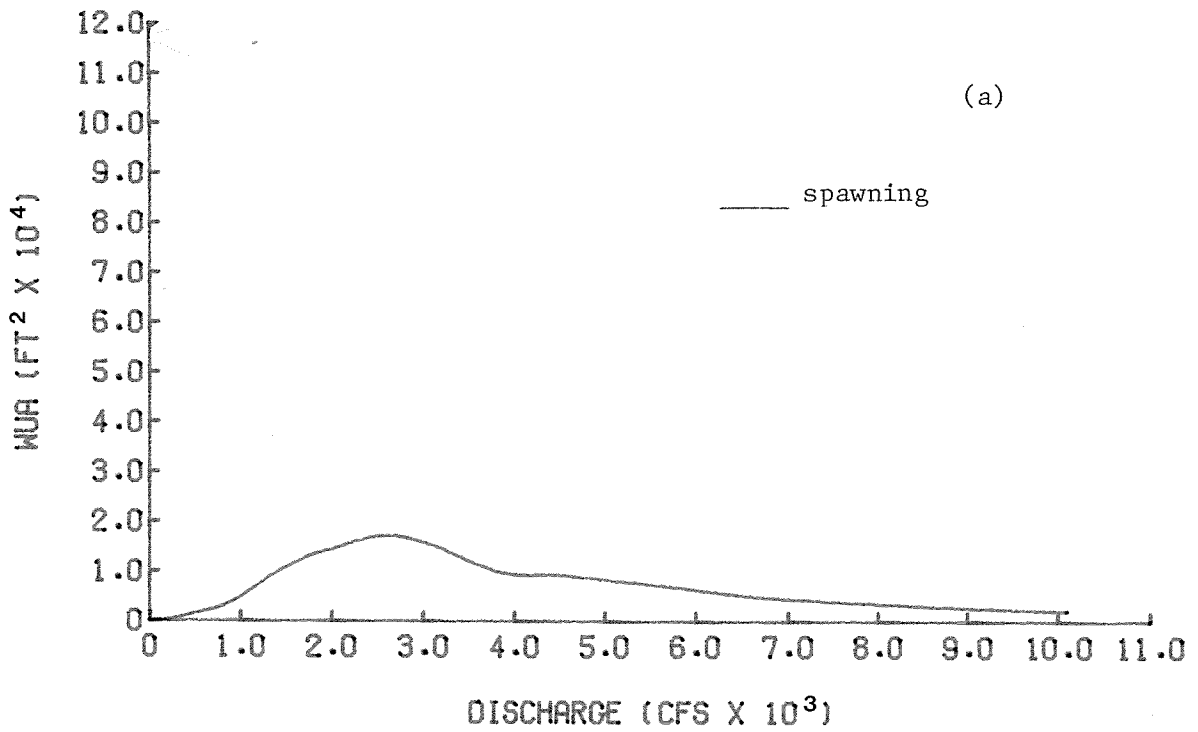


Figure 17. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 3 in the Skagit River.

## REACH 4 - CHUM SALMON

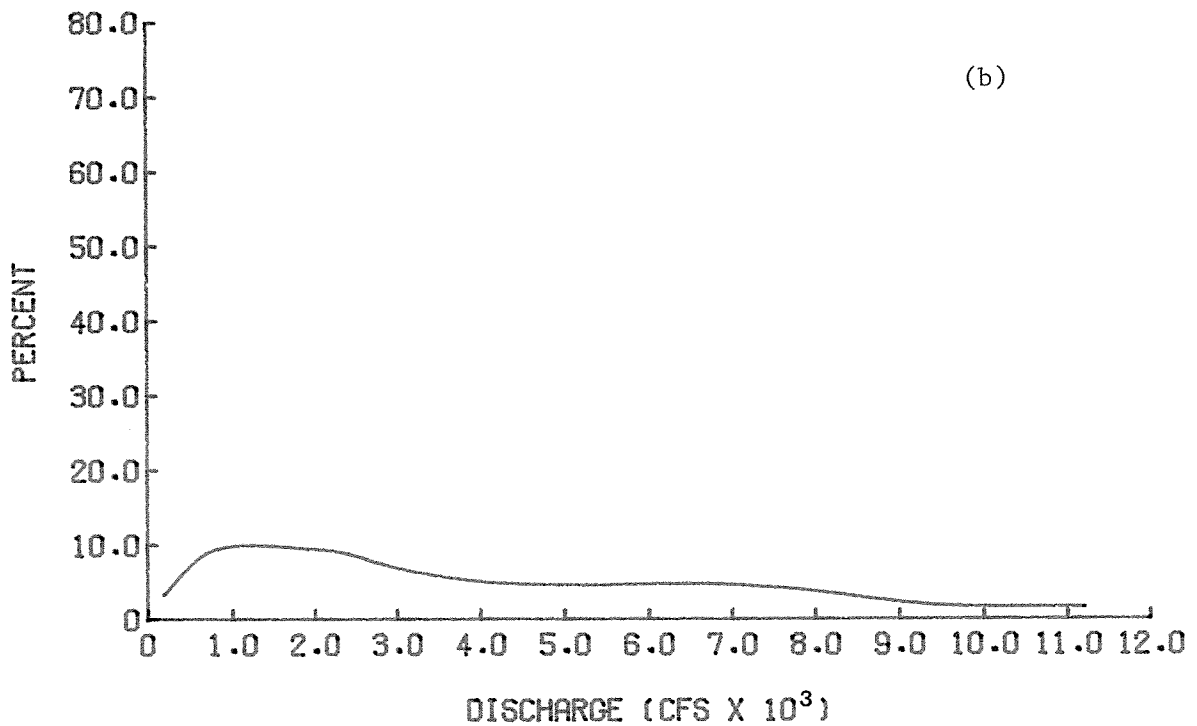
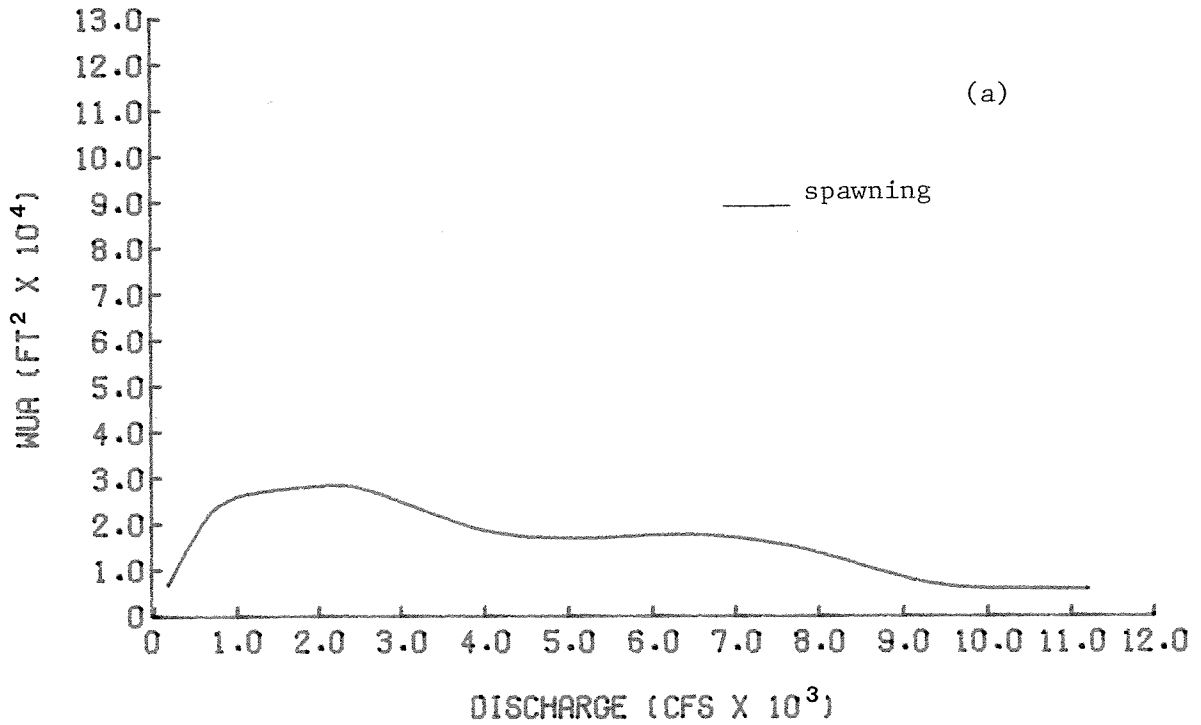


Figure 18. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 4 in the Skagit River.

## REACH 5 - CHUM SALMON

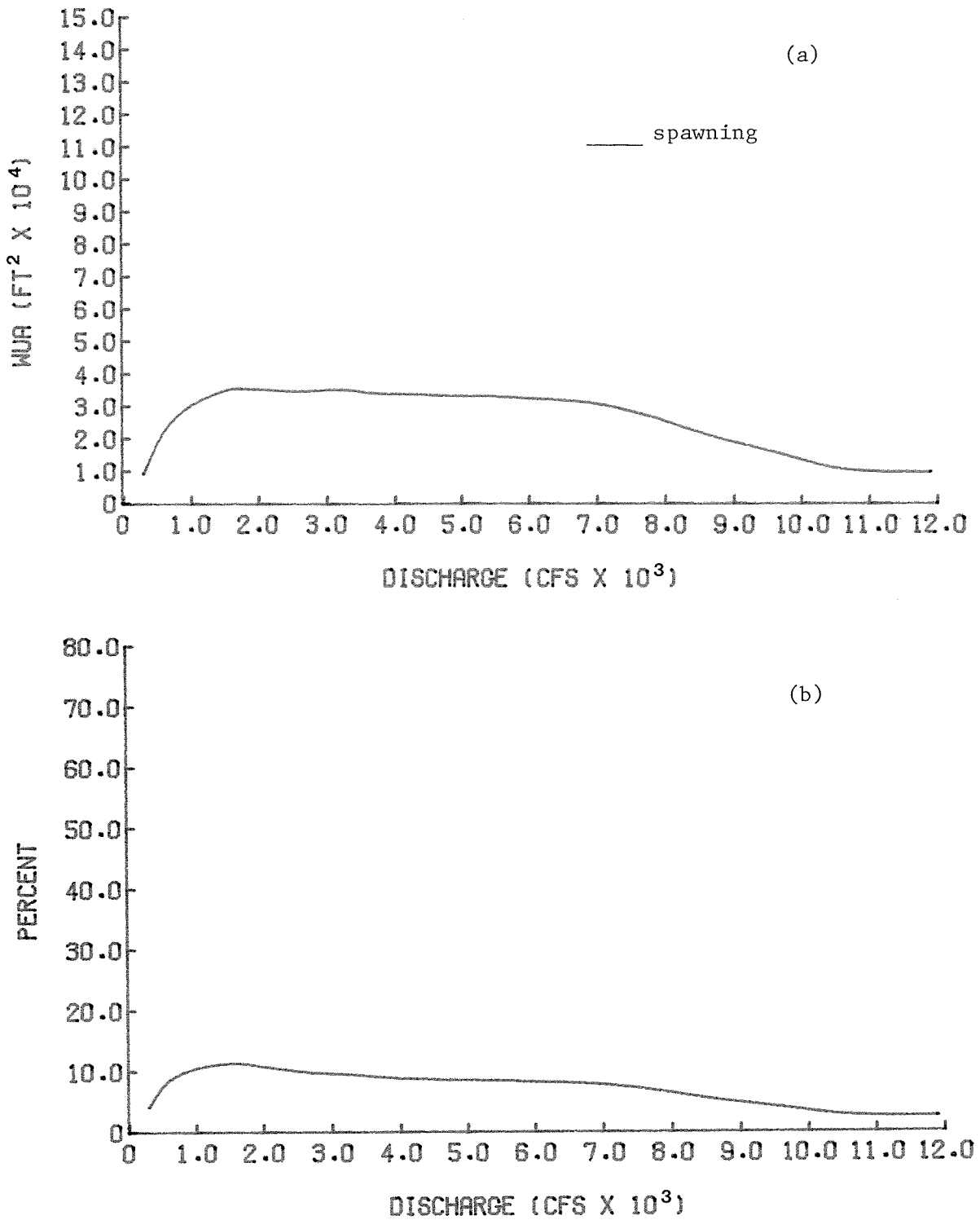


Figure 19. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 5 in the Skagit River.

## REACH 7 - CHUM SALMON

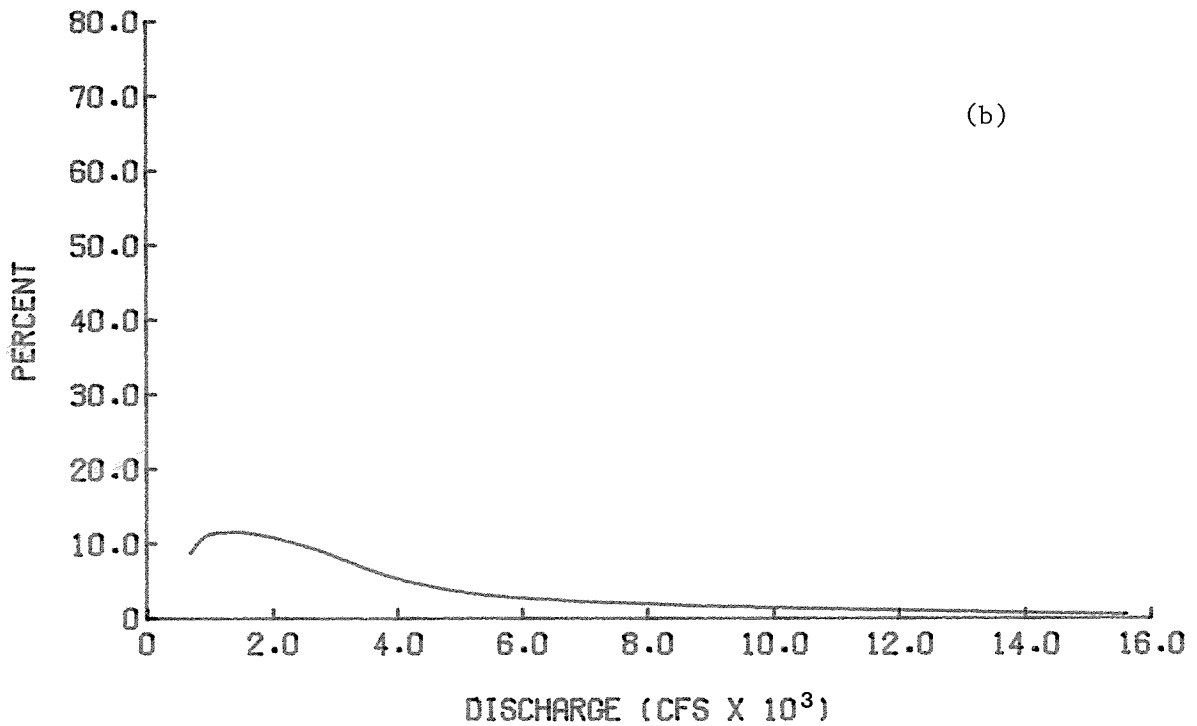
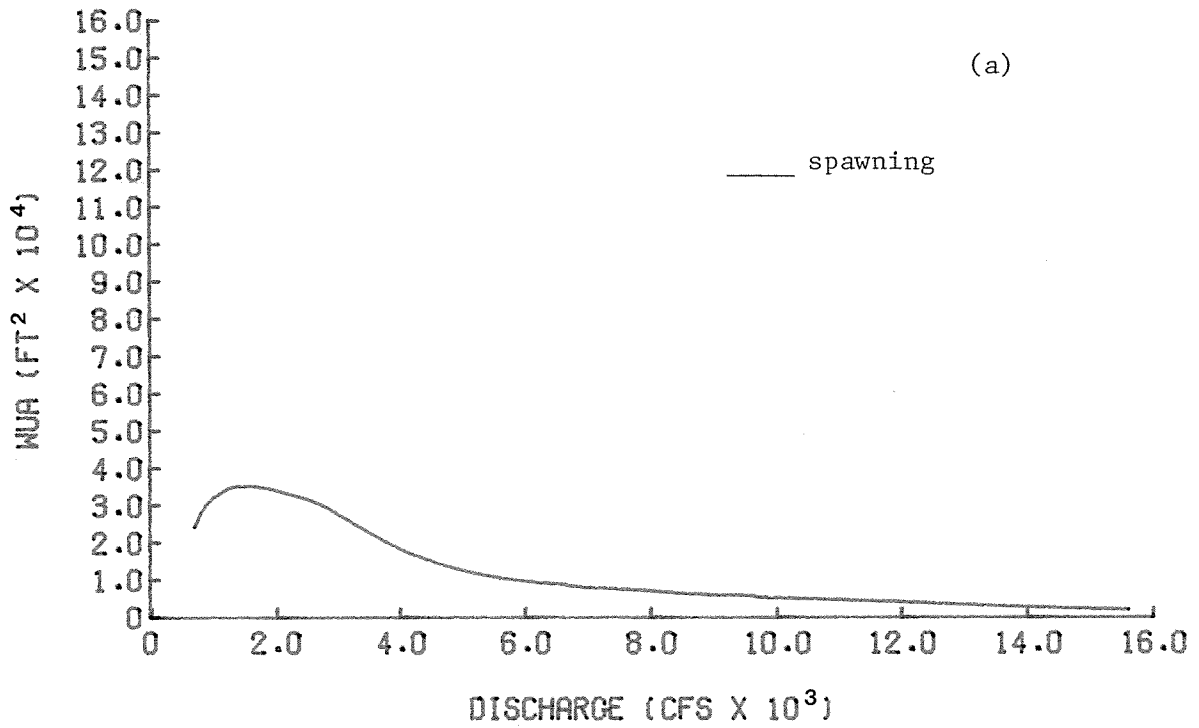


Figure 20. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 7 in the Skagit River.

## REACH 8 - CHUM SALMON

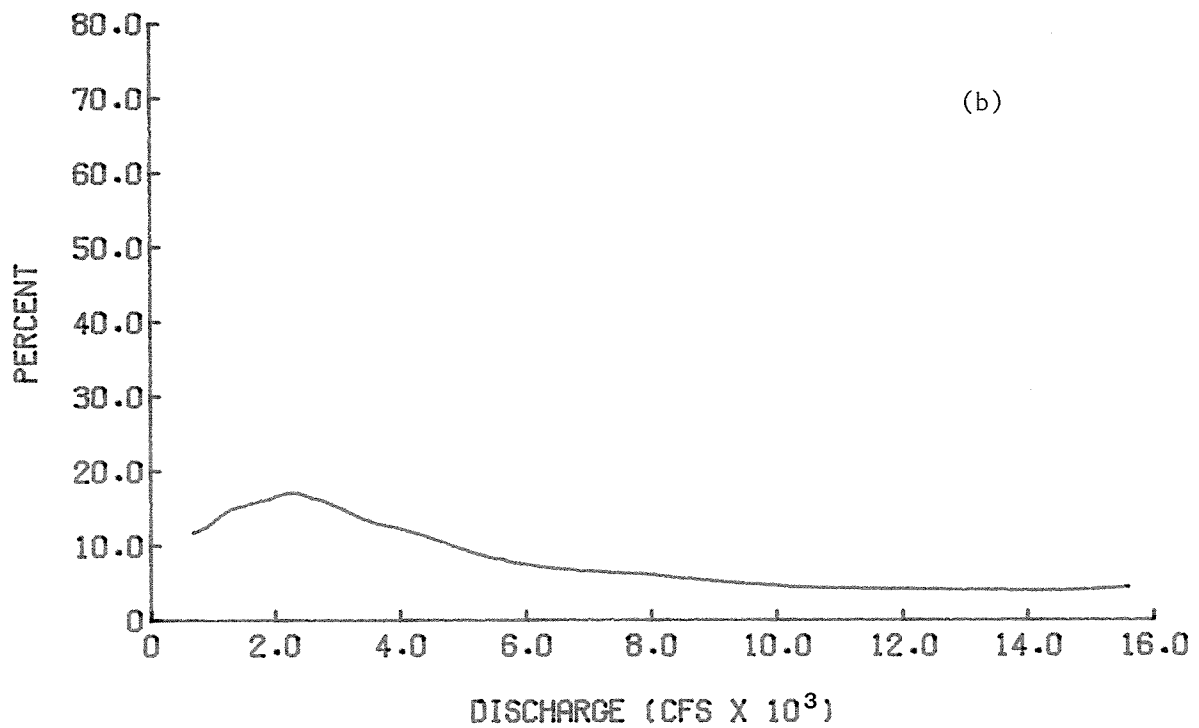
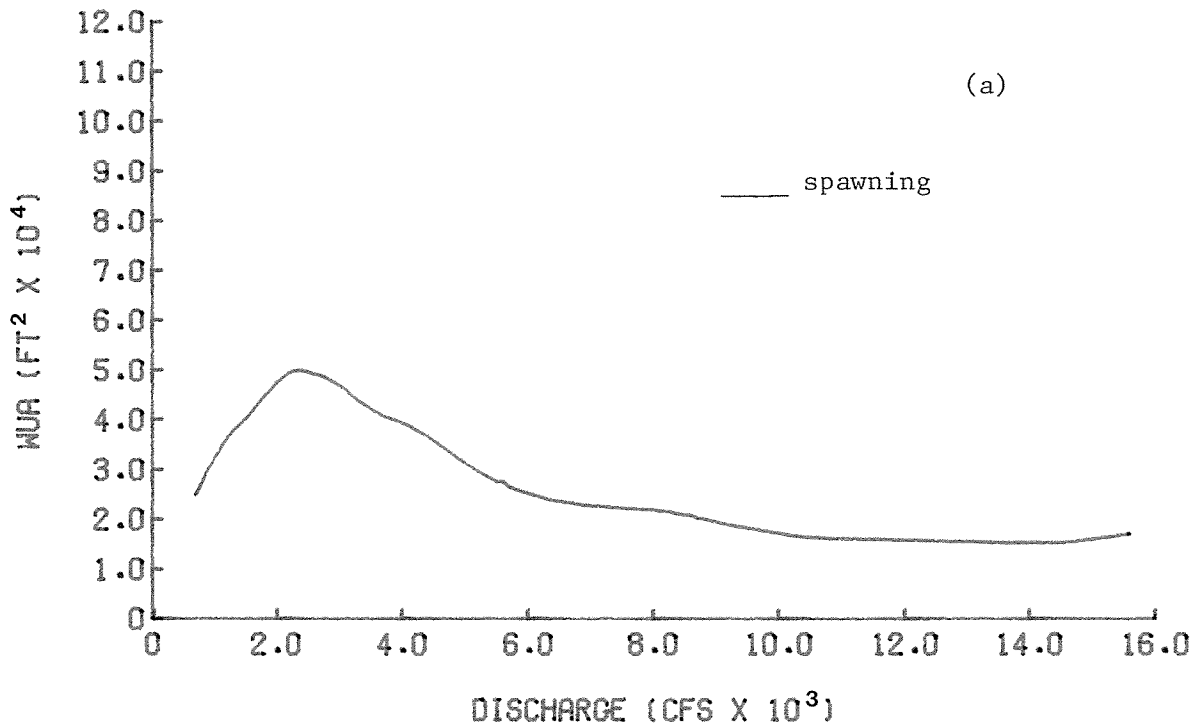


Figure 21. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for chum salmon spawning (nose velocity criterion) life stage at reach 8 in the Skagit River.

## REACH 1 - STEELHEAD TROUT

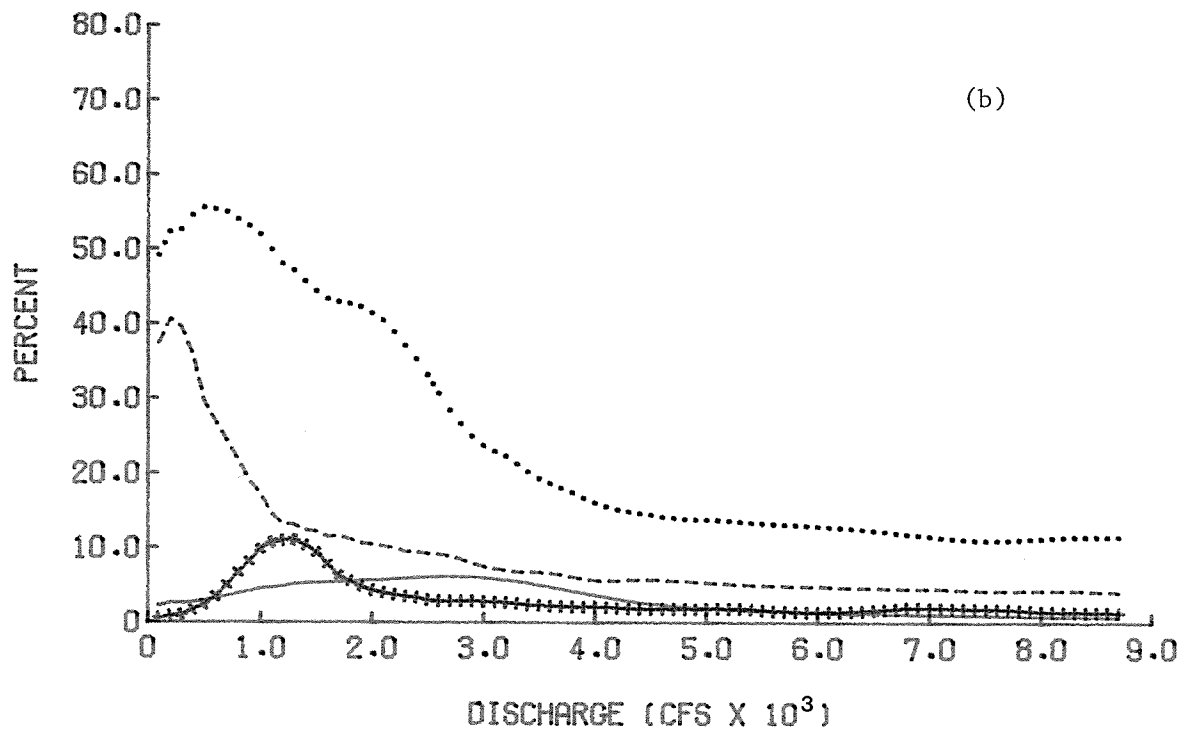
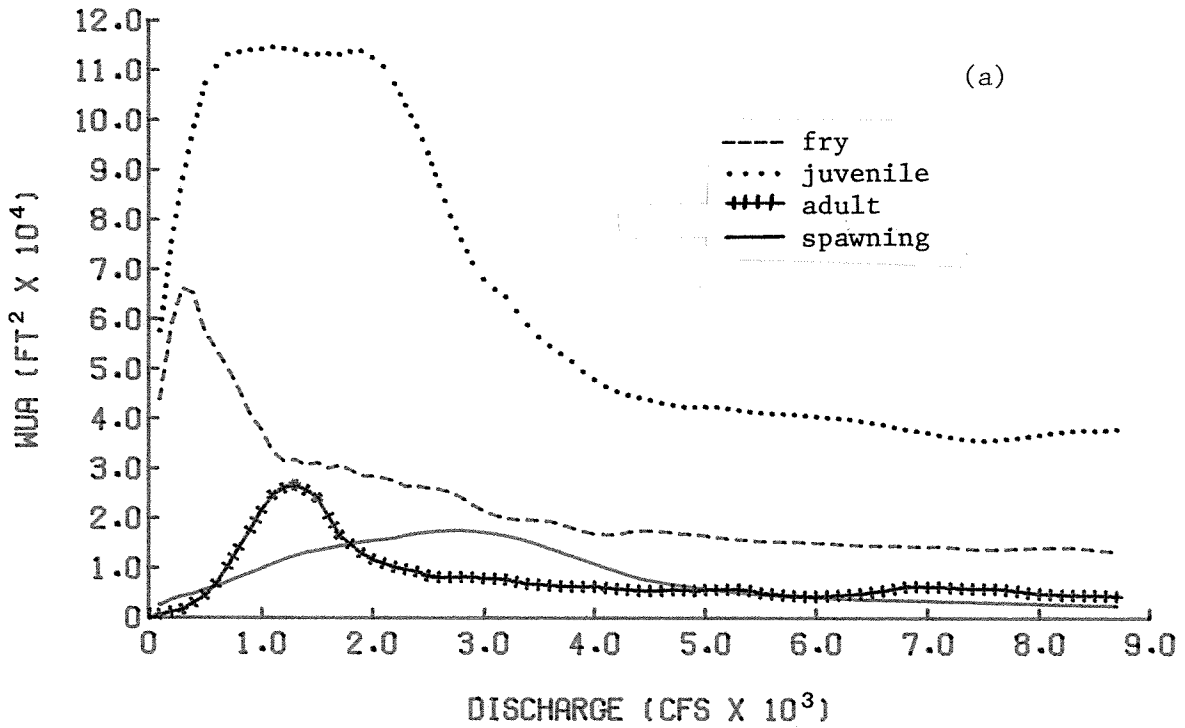


Figure 22. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 1 in the Skagit River.

## REACH 2 - STEELHEAD TROUT

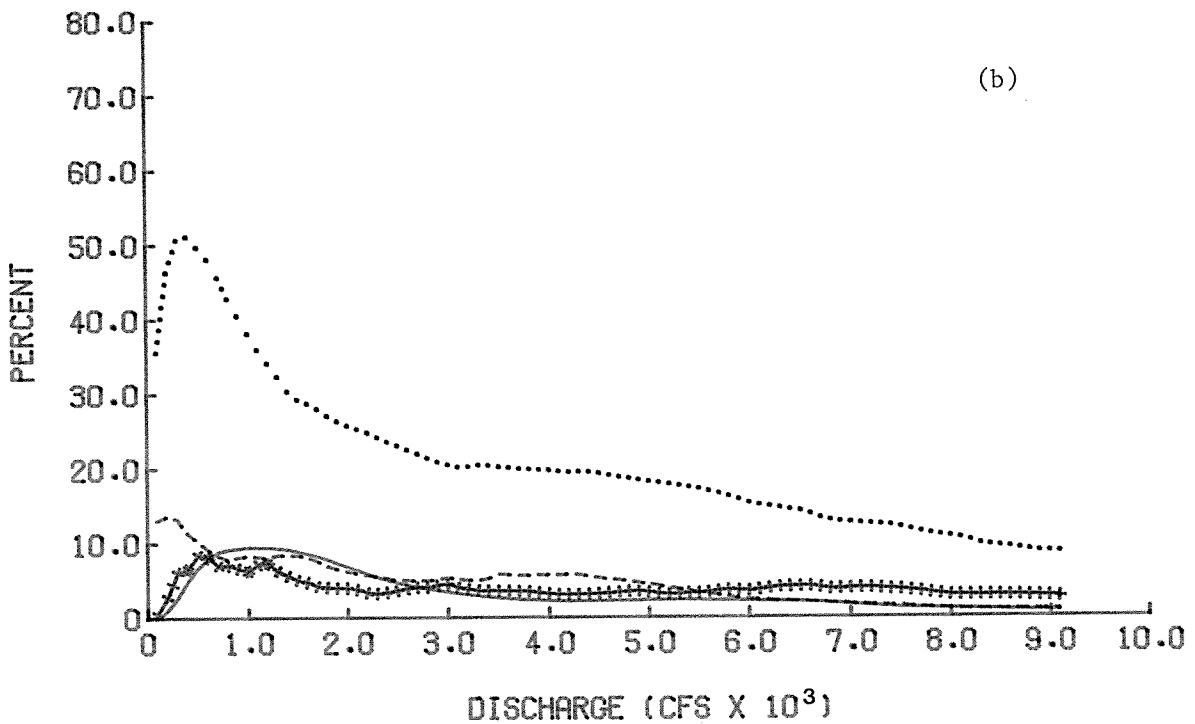
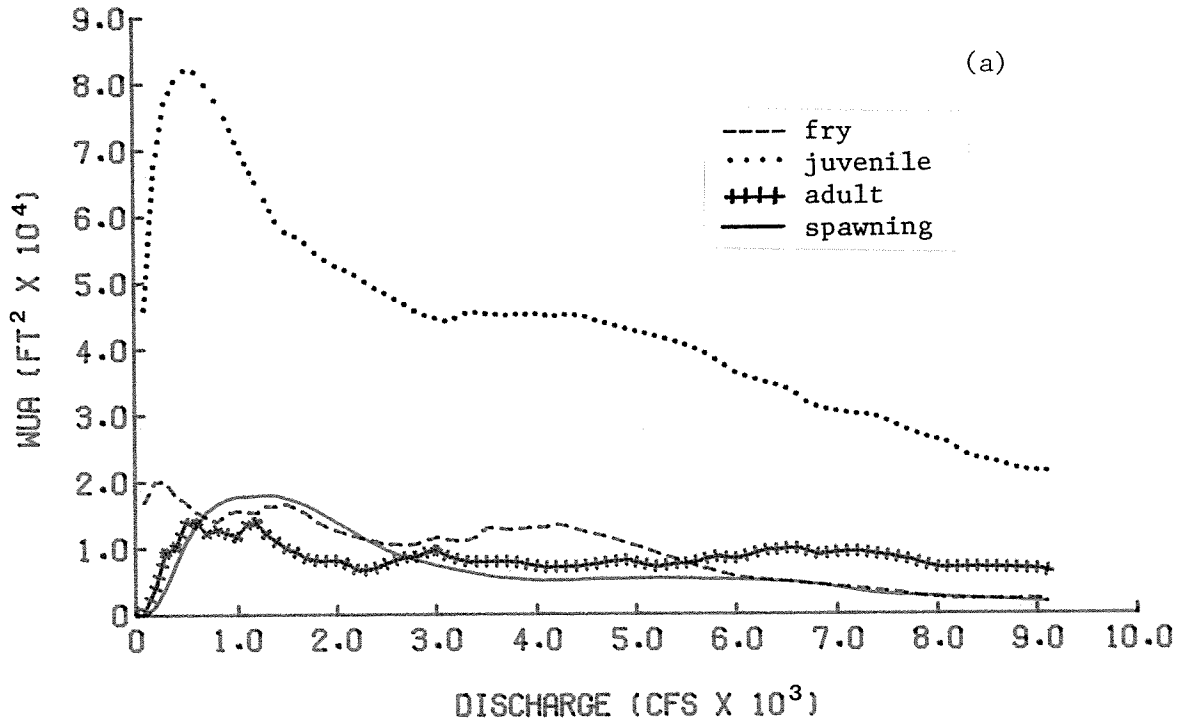


Figure 23. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 2 in the Skagit River.

REACH 3 - STEELHEAD TROUT

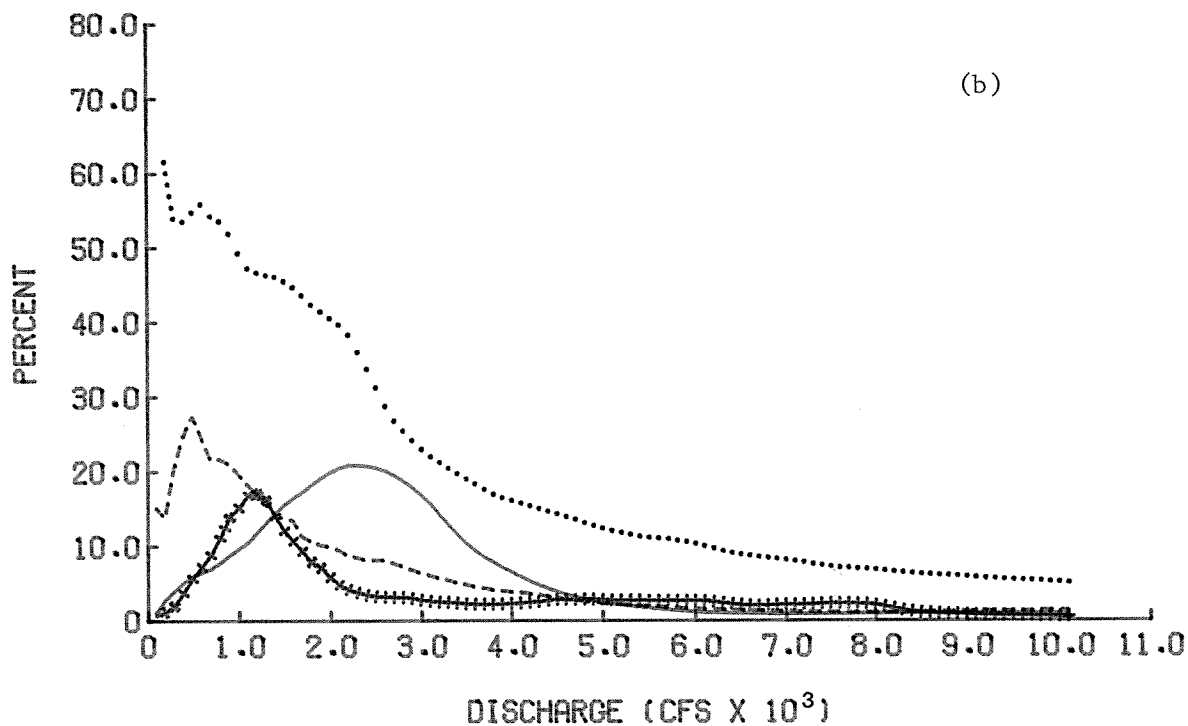
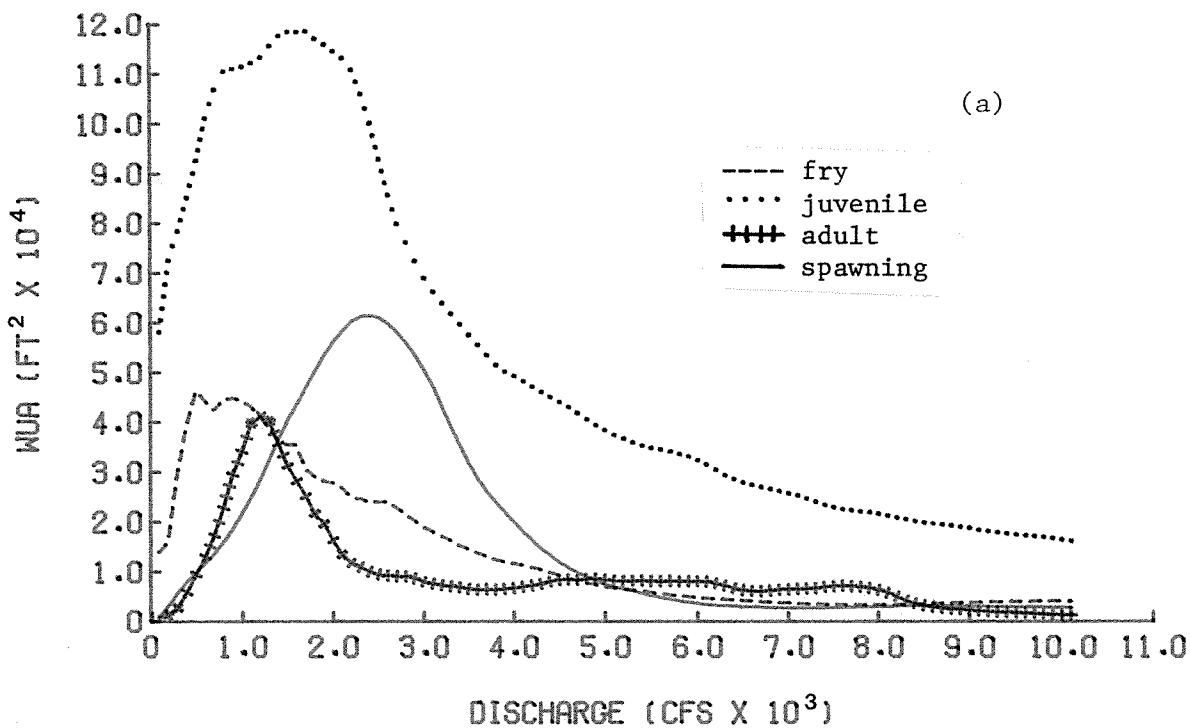


Figure 24. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 3 in the Skagit River.

## REACH 4 - STEELHEAD TROUT

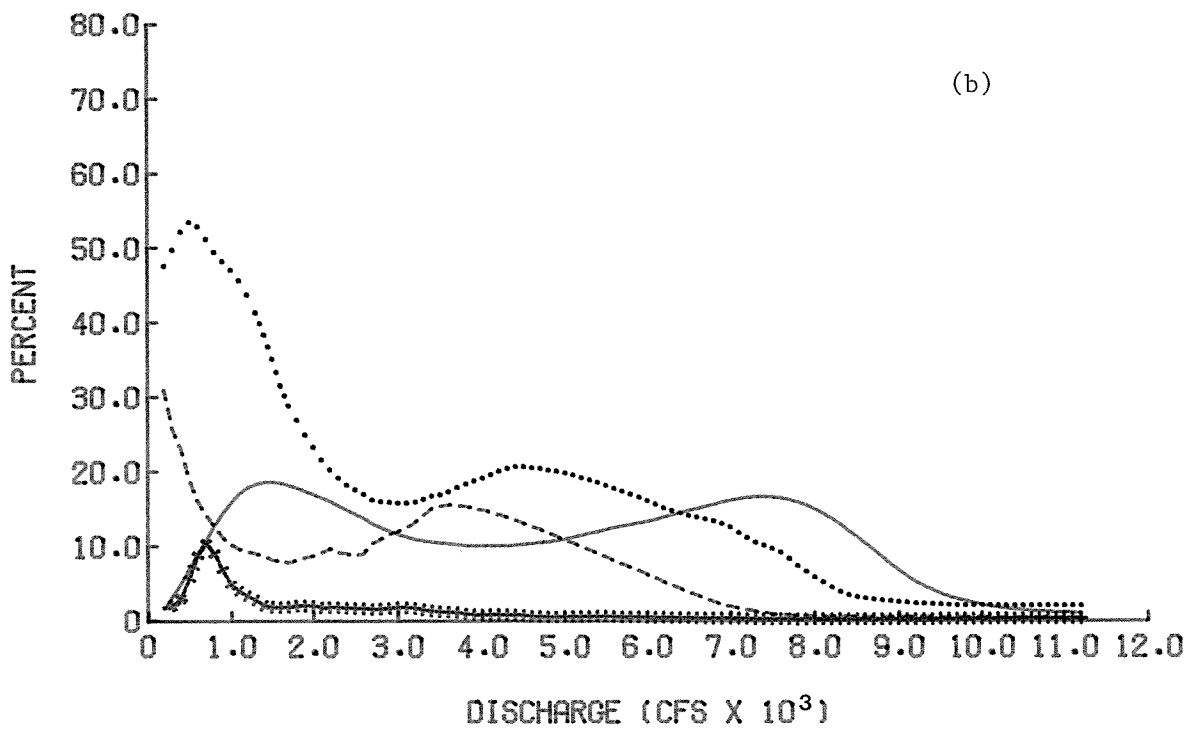
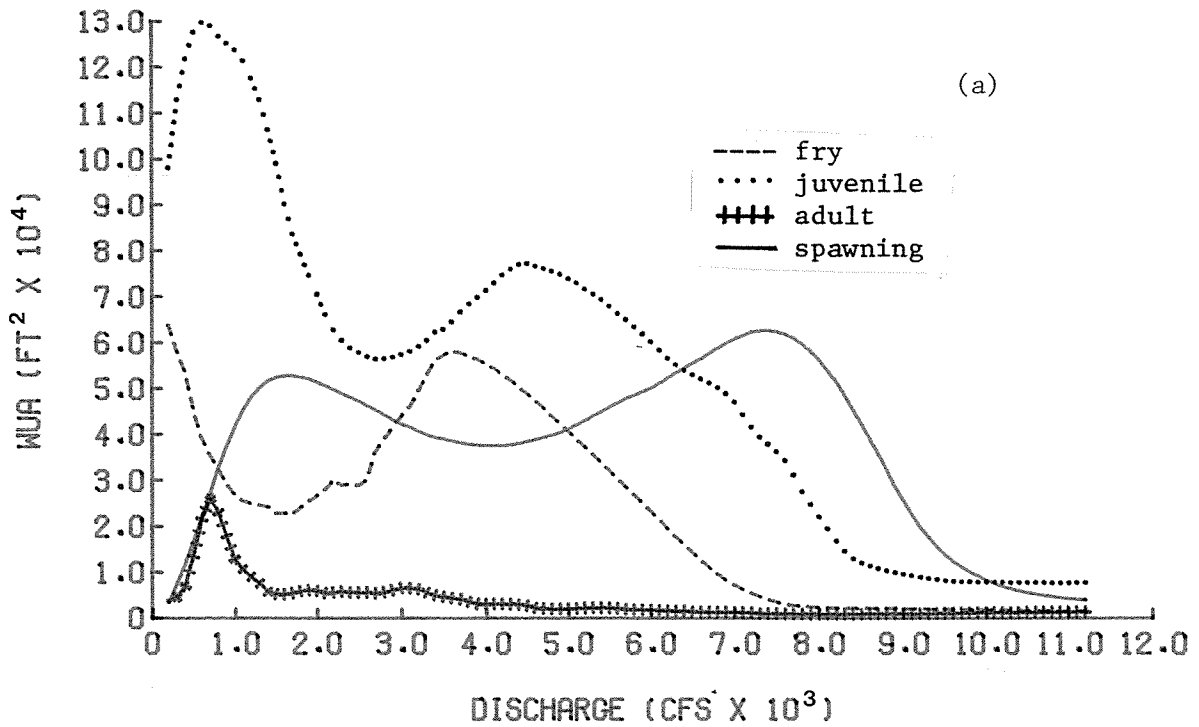


Figure 25. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 4 in the Skagit River.

## REACH 5 - STEELHEAD TROUT

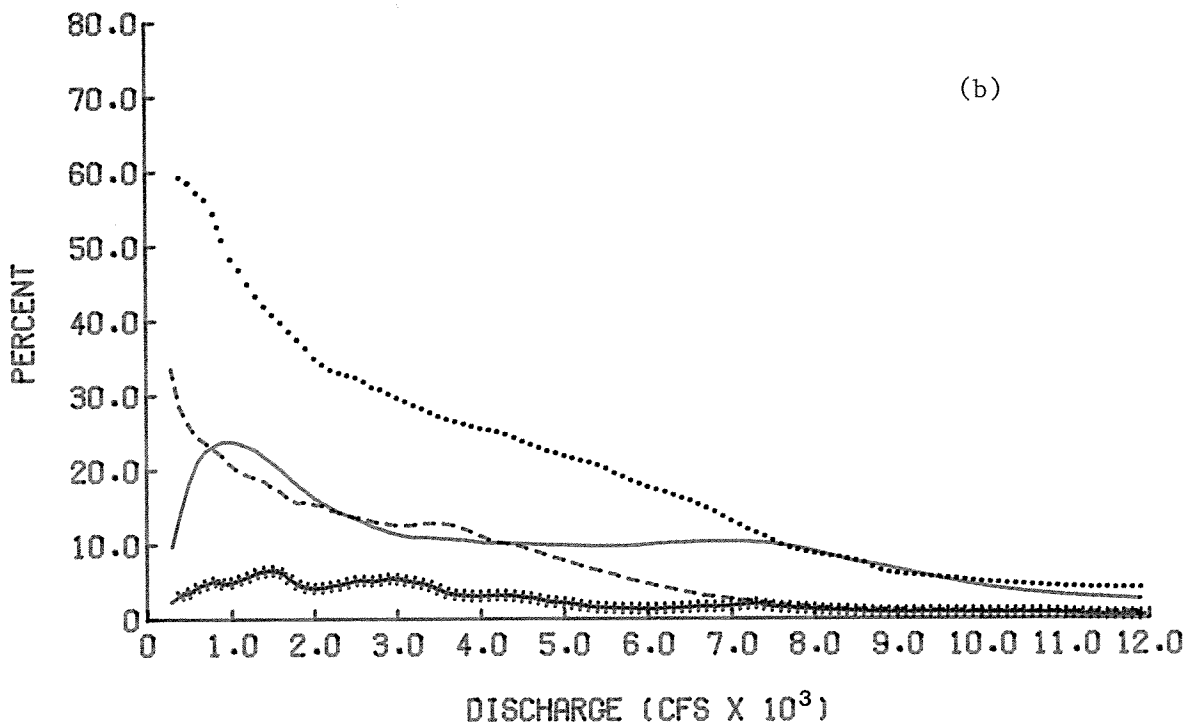
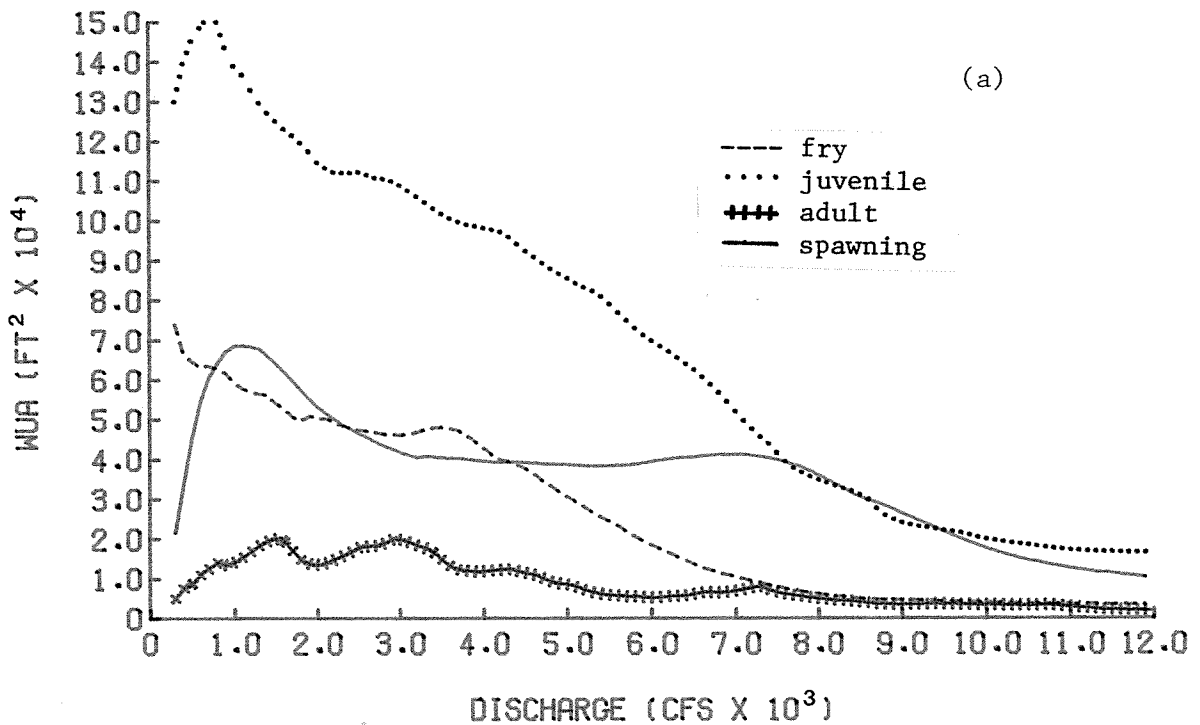


Figure 26. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 5 in the Skagit River.

## REACH 7 - STEELHEAD TROUT

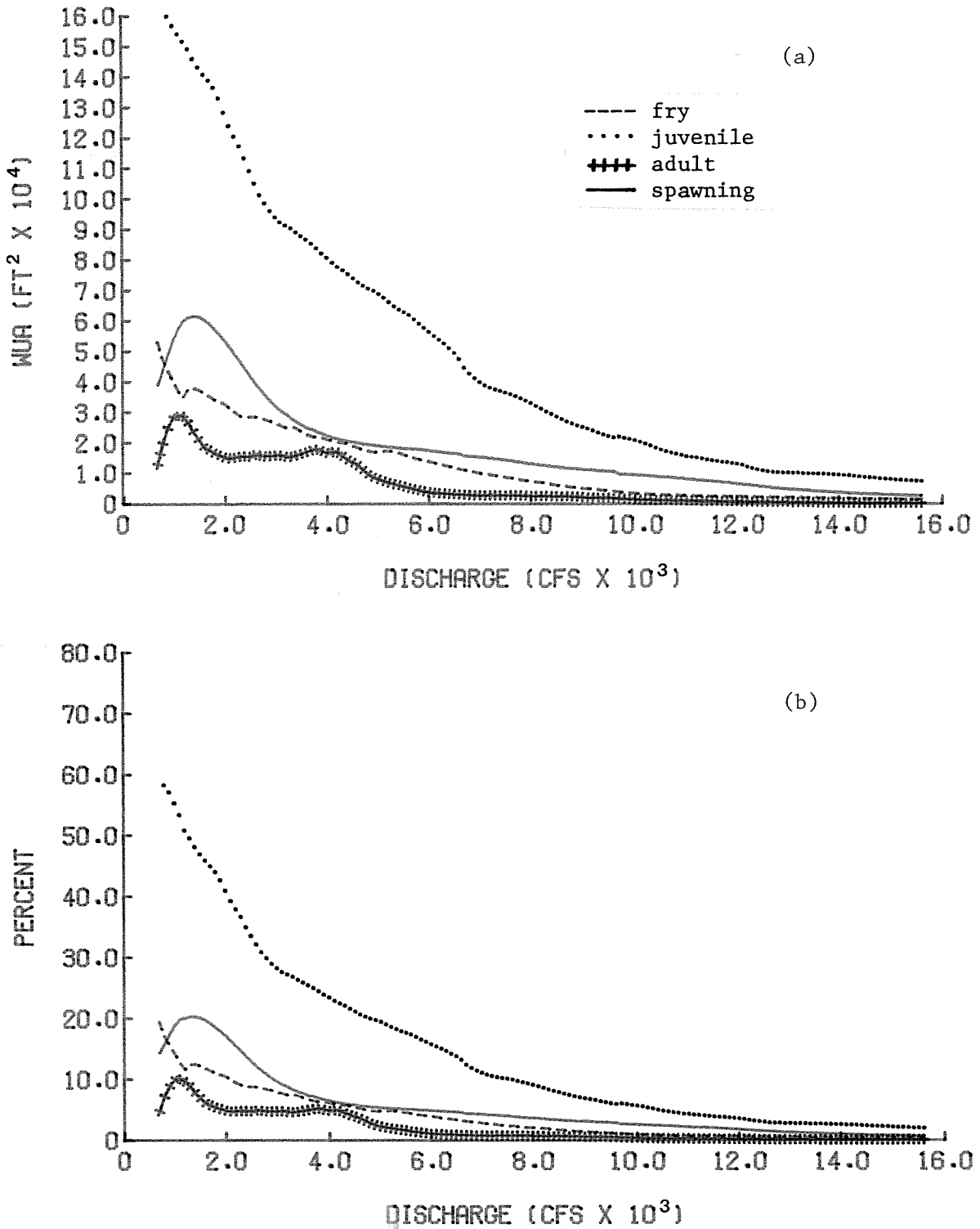


Figure 27. WUA in  $\text{ft}^2$  per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages at reach 7 in the Skagit River.

## REACH 8 - STEELHEAD TROUT

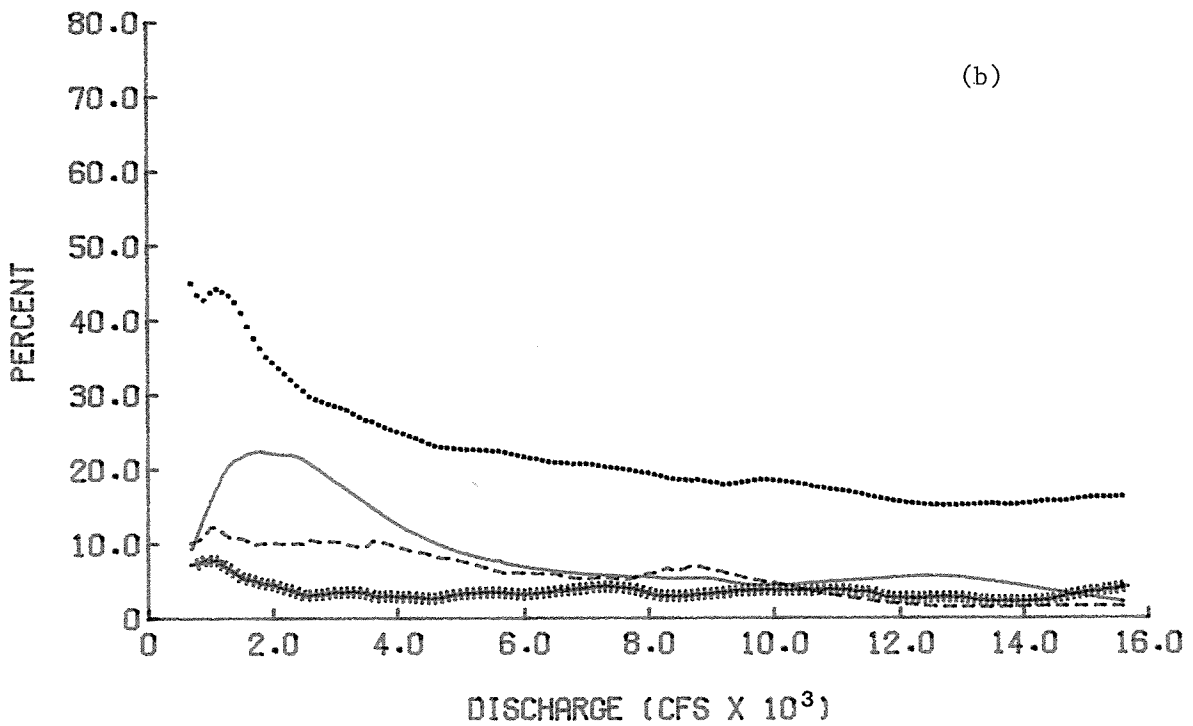
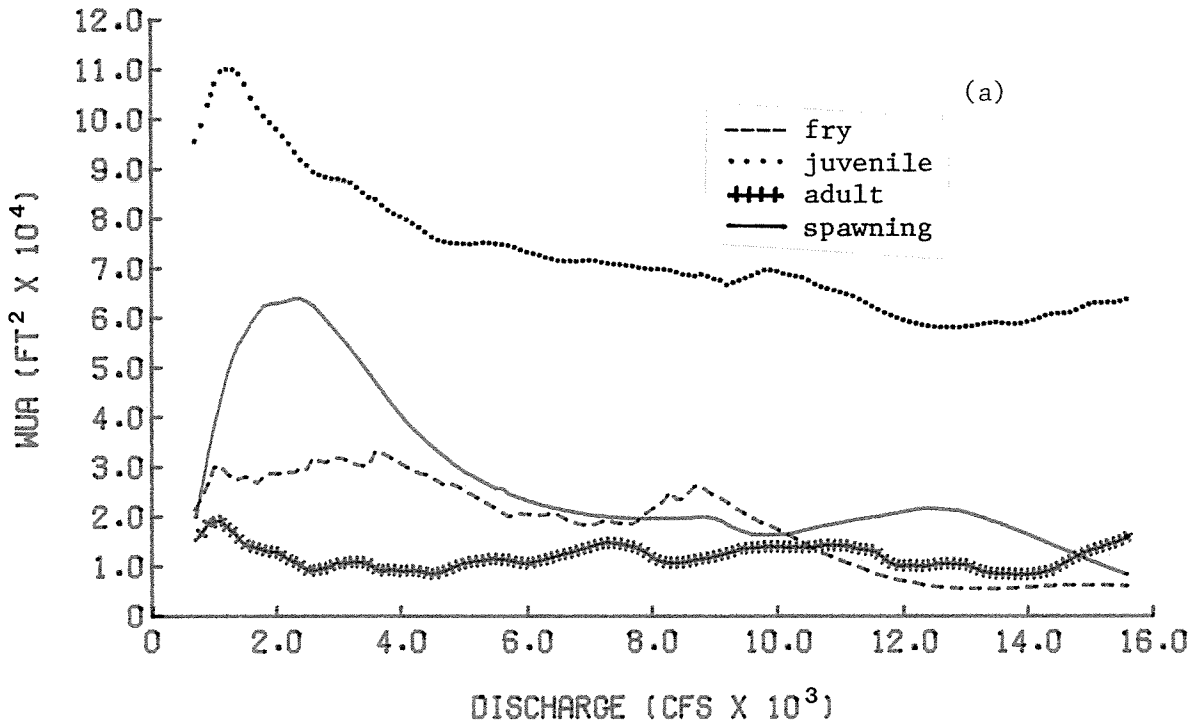


Figure 28. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for steelhead trout fry, juvenile, spawning (nose velocity criterion) and adult life stages in reach 8 in the Skagit River.

## REACH 1 - RAINBOW TROUT

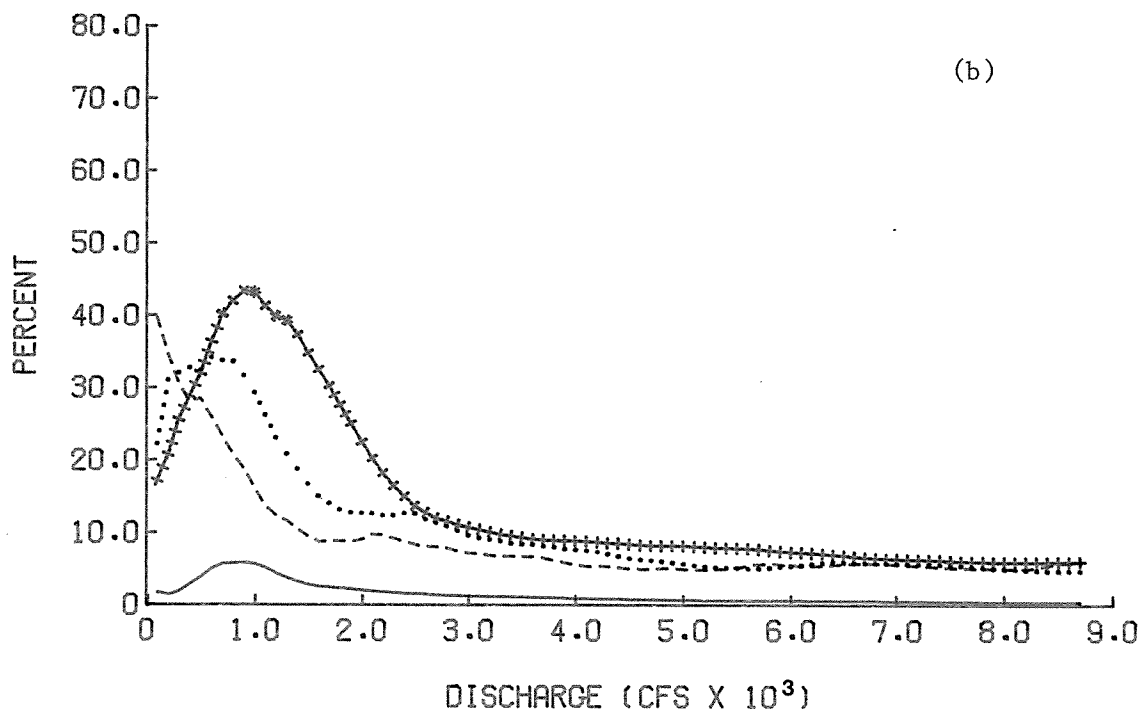
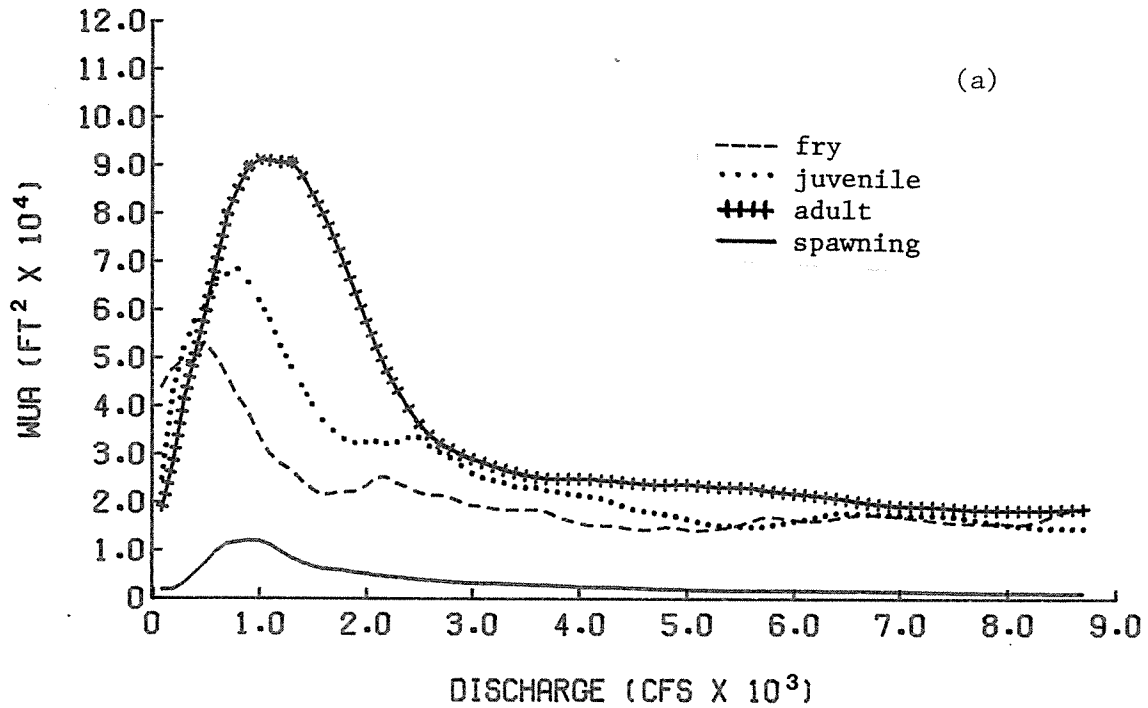


Figure 29. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 1 in the Skagit River.

## REACH 2 - RAINBOW TROUT

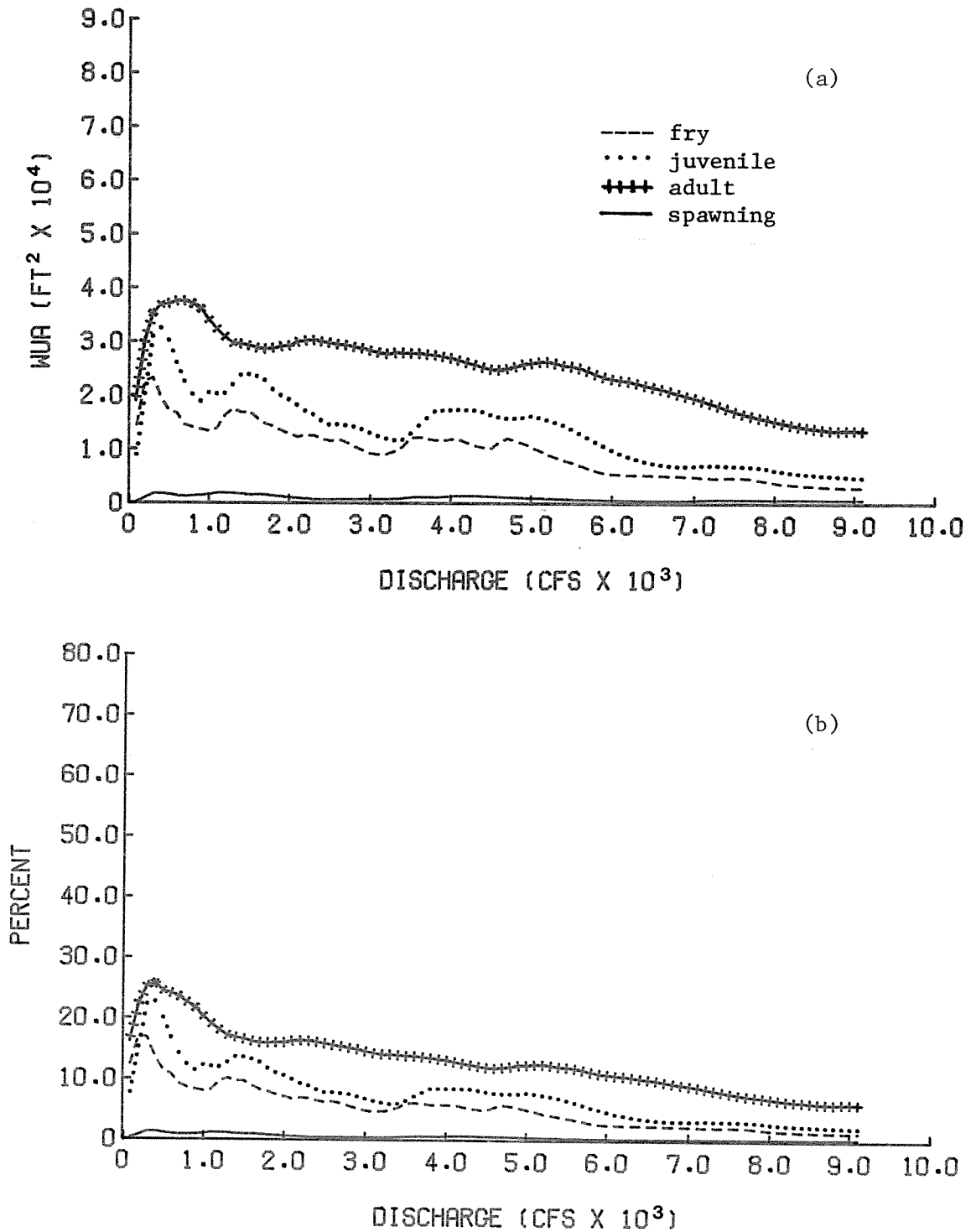


Figure 30. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 2 in the Skagit River.

REACH 3 - RAINBOW TROUT

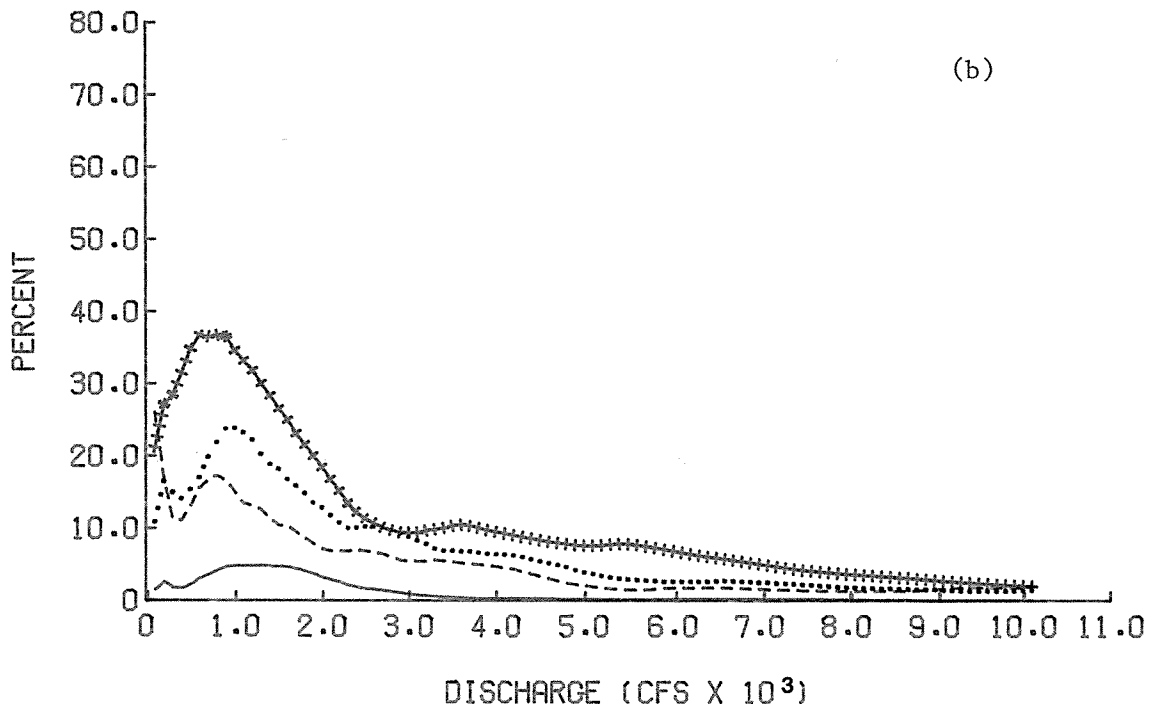
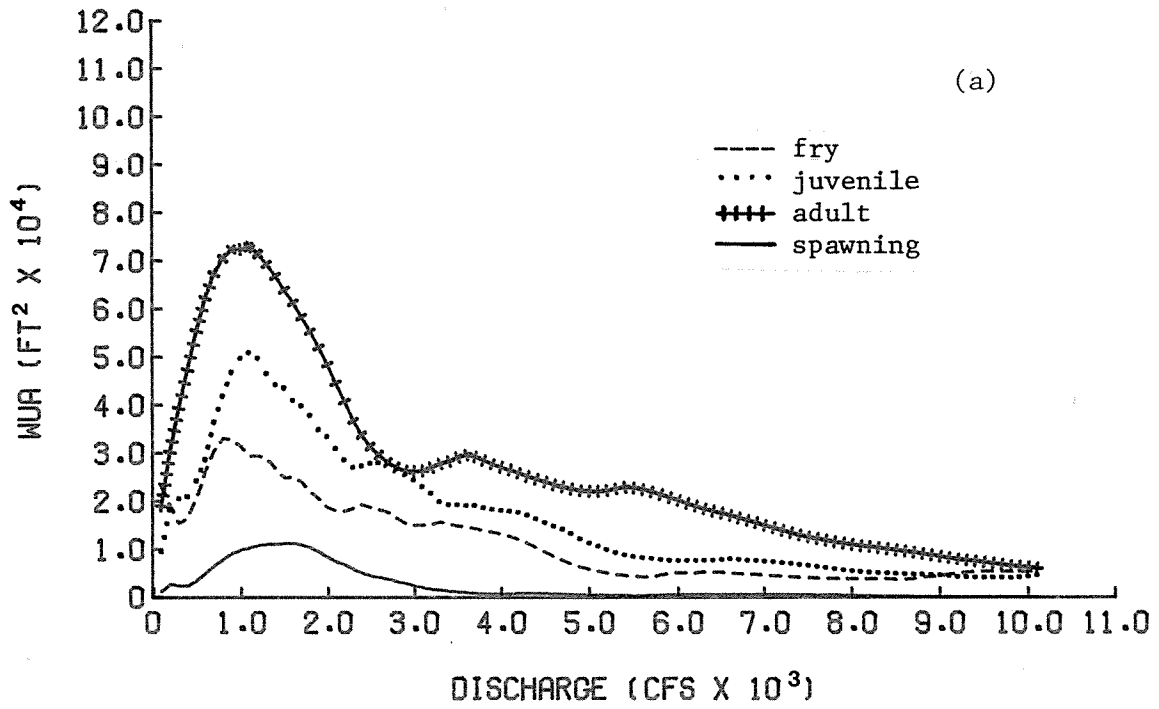


Figure 31. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 3 in the Skagit River.

## REACH 4 - RAINBOW TROUT

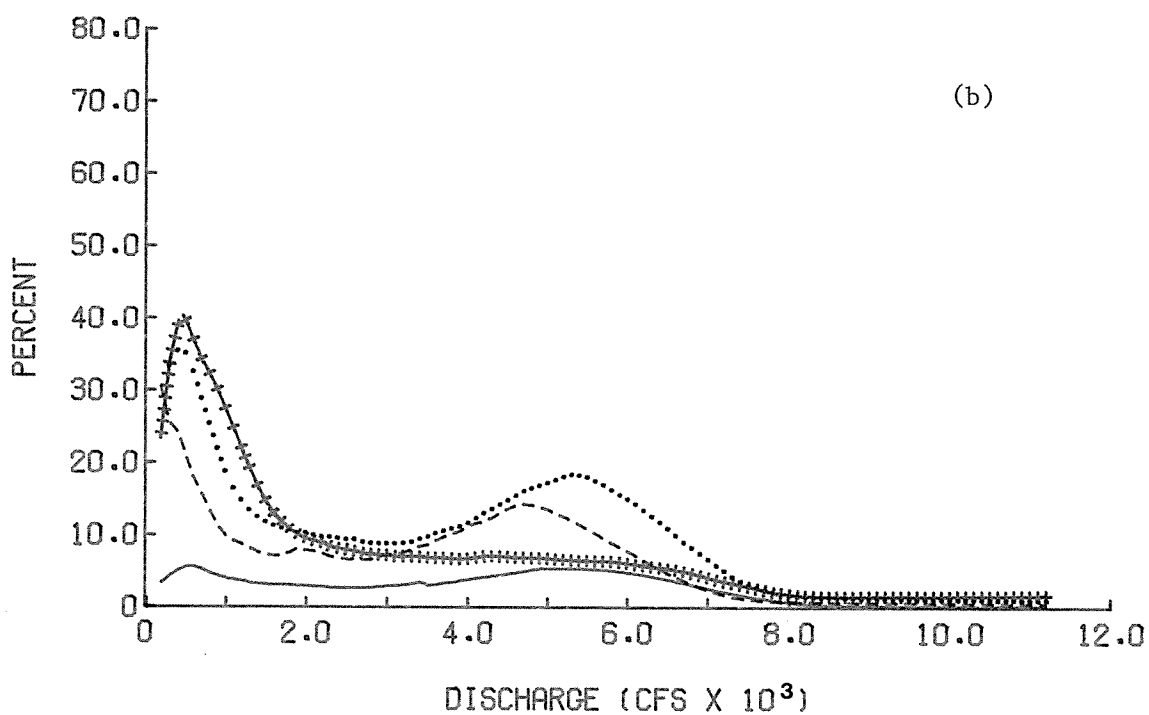
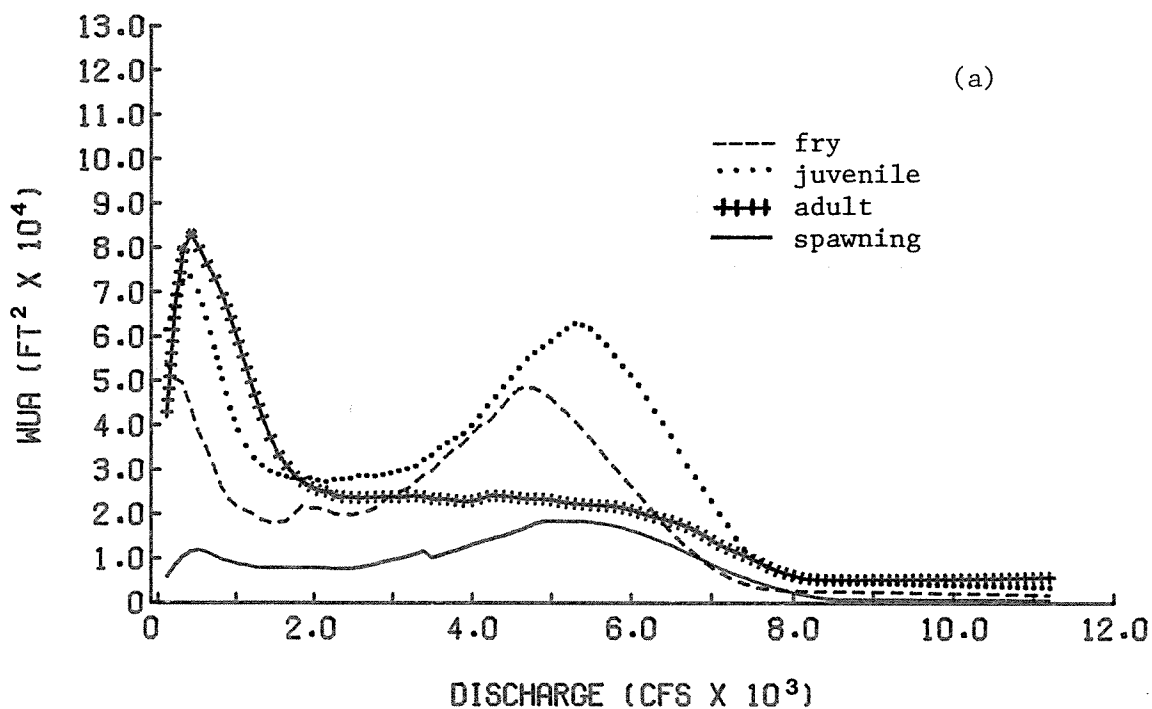


Figure 32. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 4 in the Skagit River.

## REACH 5 - RAINBOW TROUT

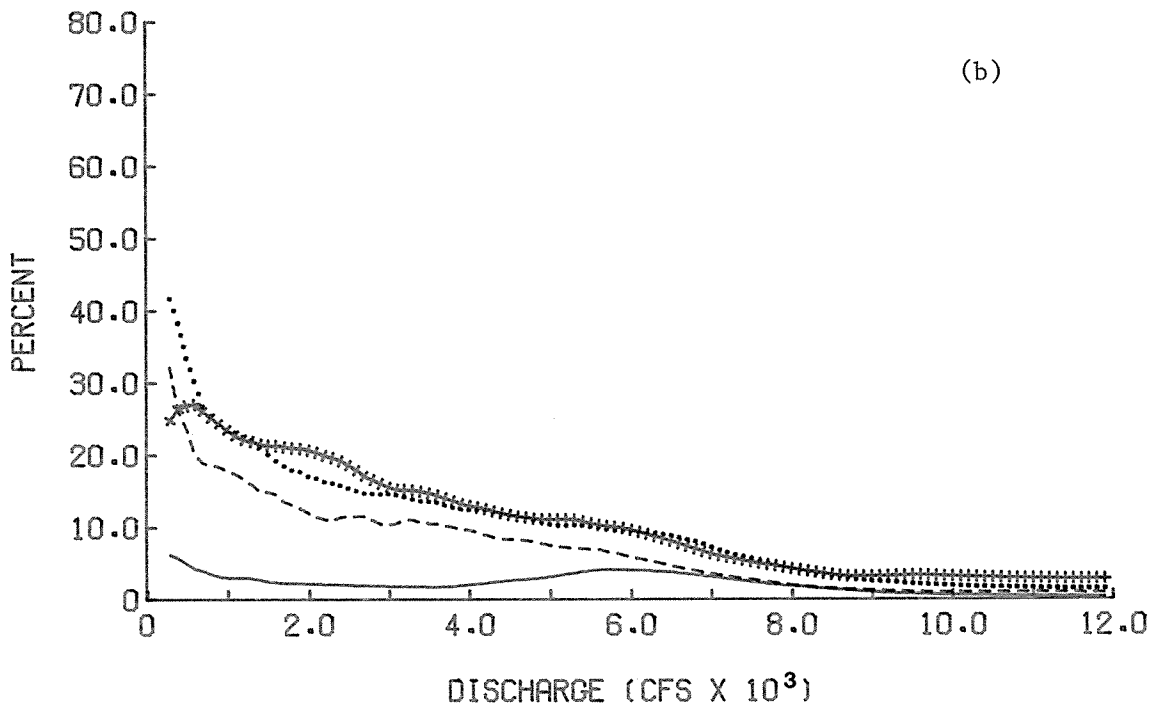
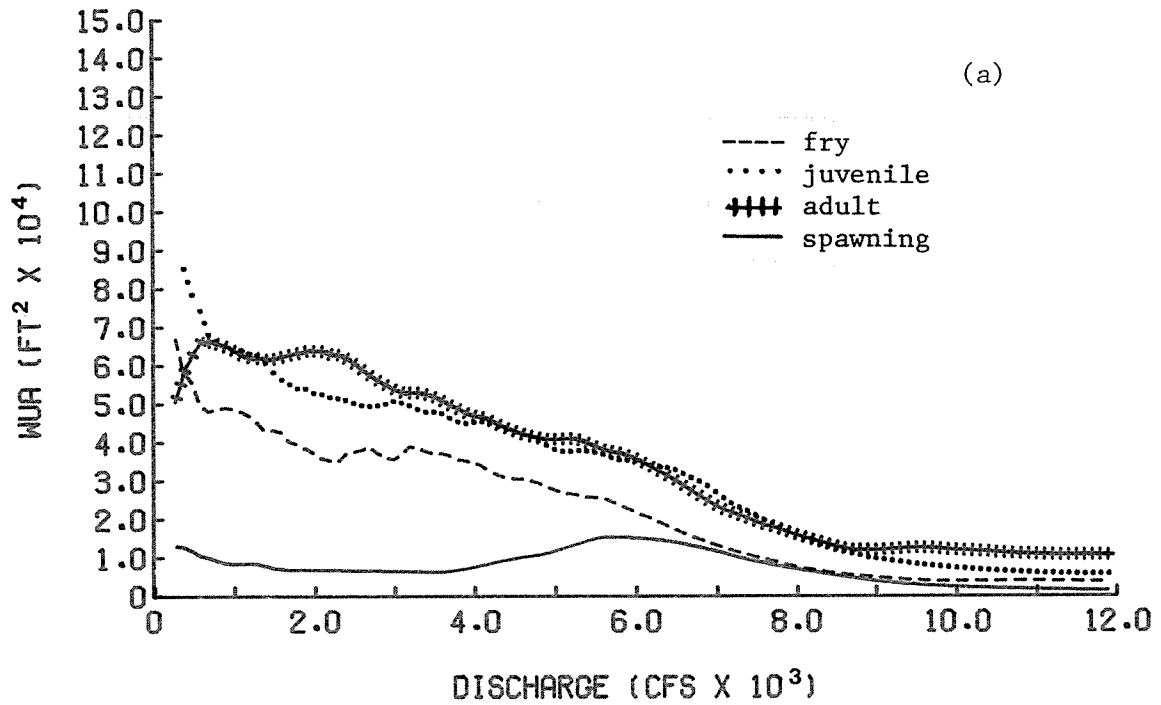


Figure 33. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 5 in the Skagit River.

REACH 7 - RAINBOW TROUT

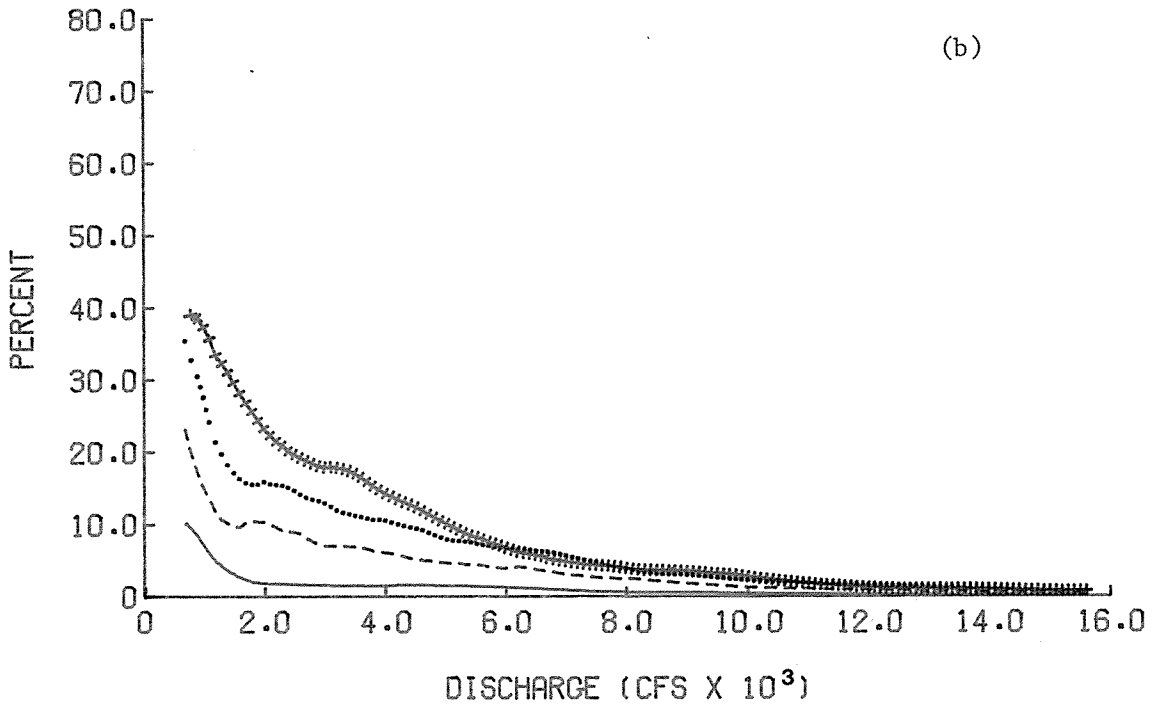
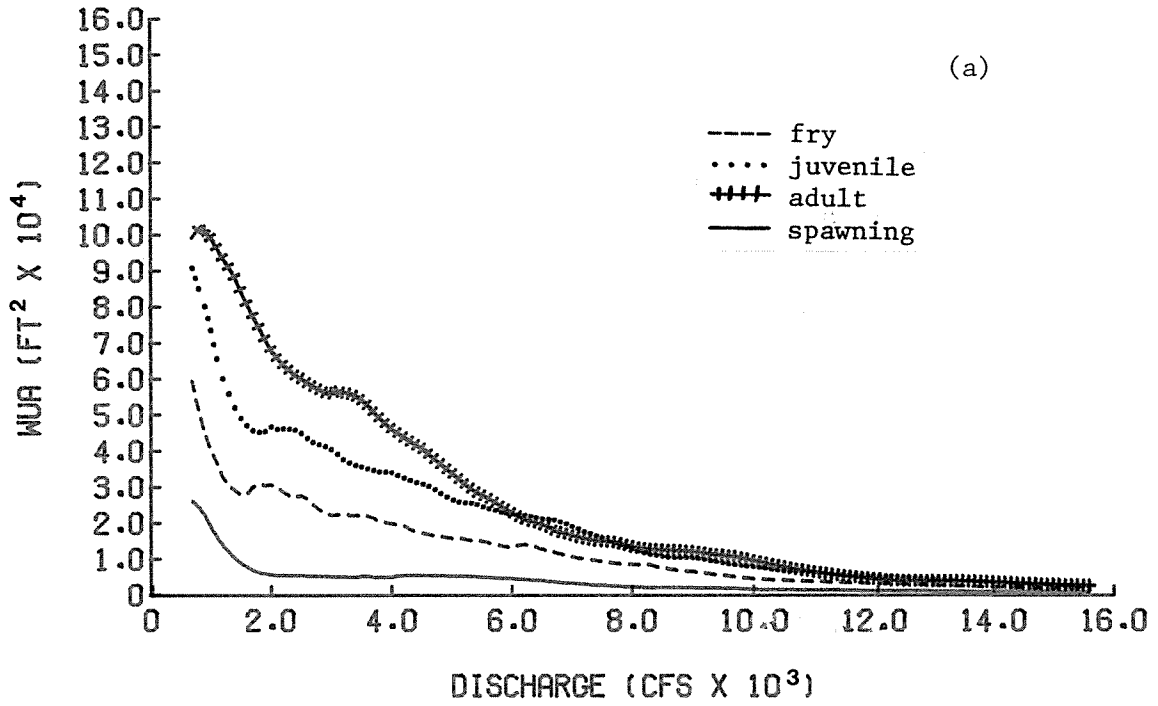


Figure 34. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 7 in the Skagit River.

## REACH 8 - RAINBOW TROUT

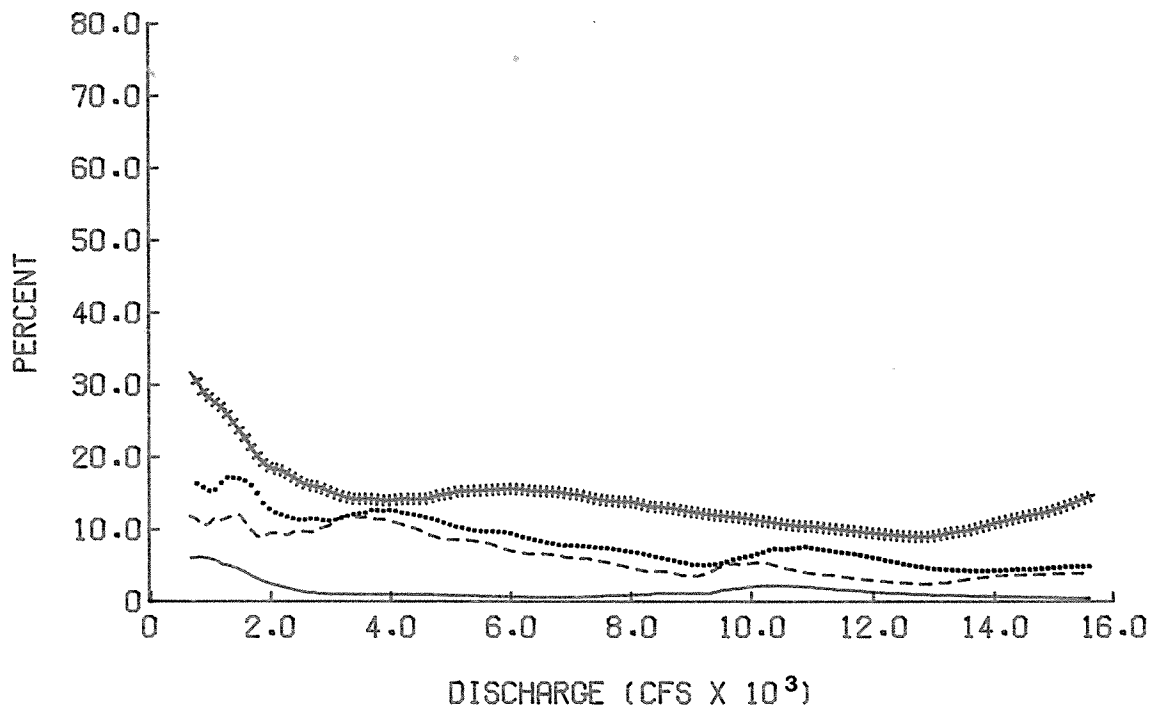
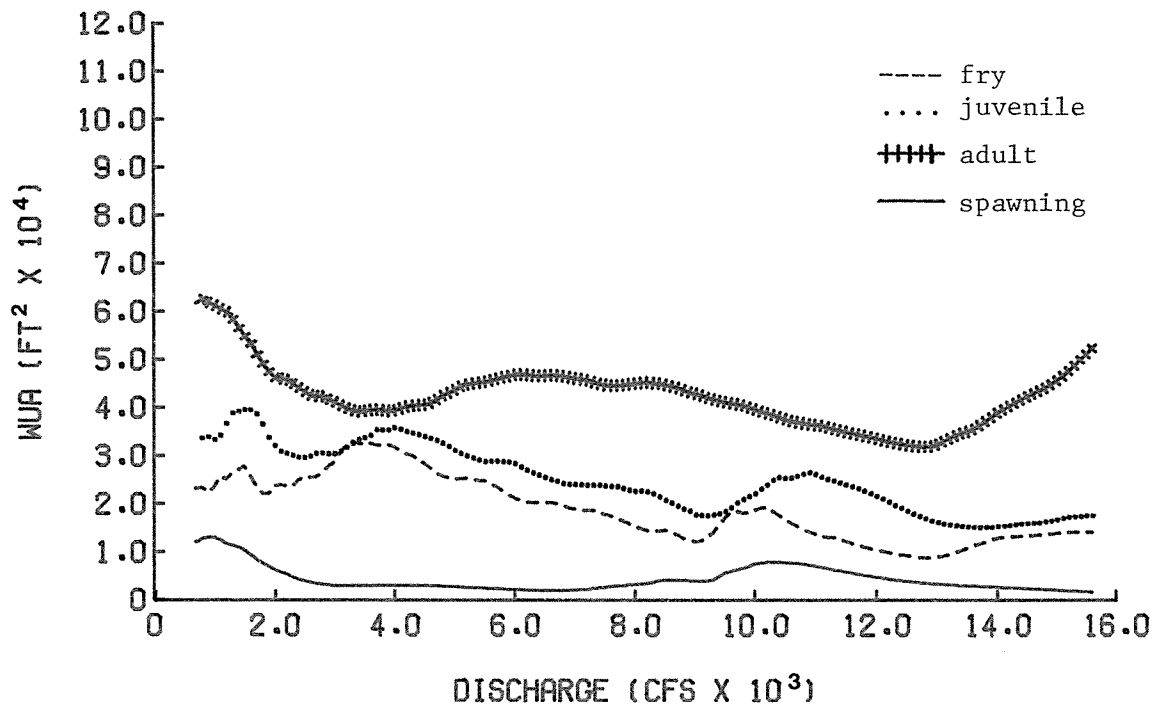


Figure 35. WUA in  $\text{ft}^2$  per 1000 ft of river (a) and percent of the gross stream surface area (b) as a function of discharge (cfs) for rainbow trout fry, juvenile, spawning and adult life stages at reach 8 in the Skagit River.

## REACH 1 - CUTTHROAT TROUT

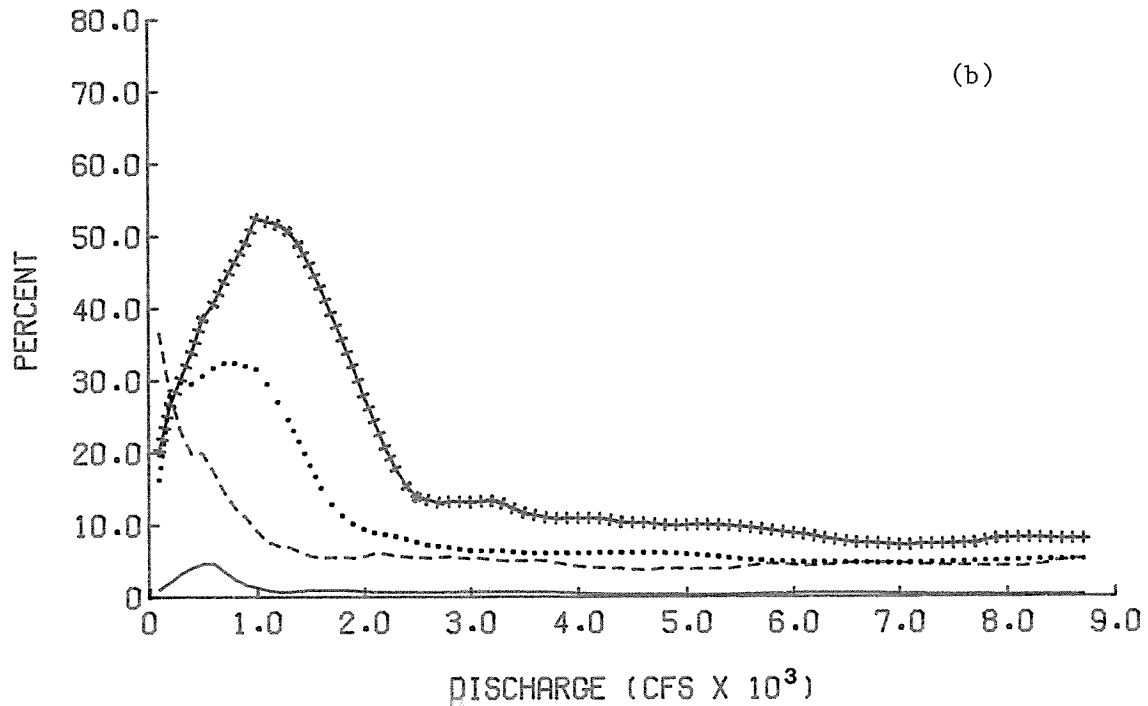
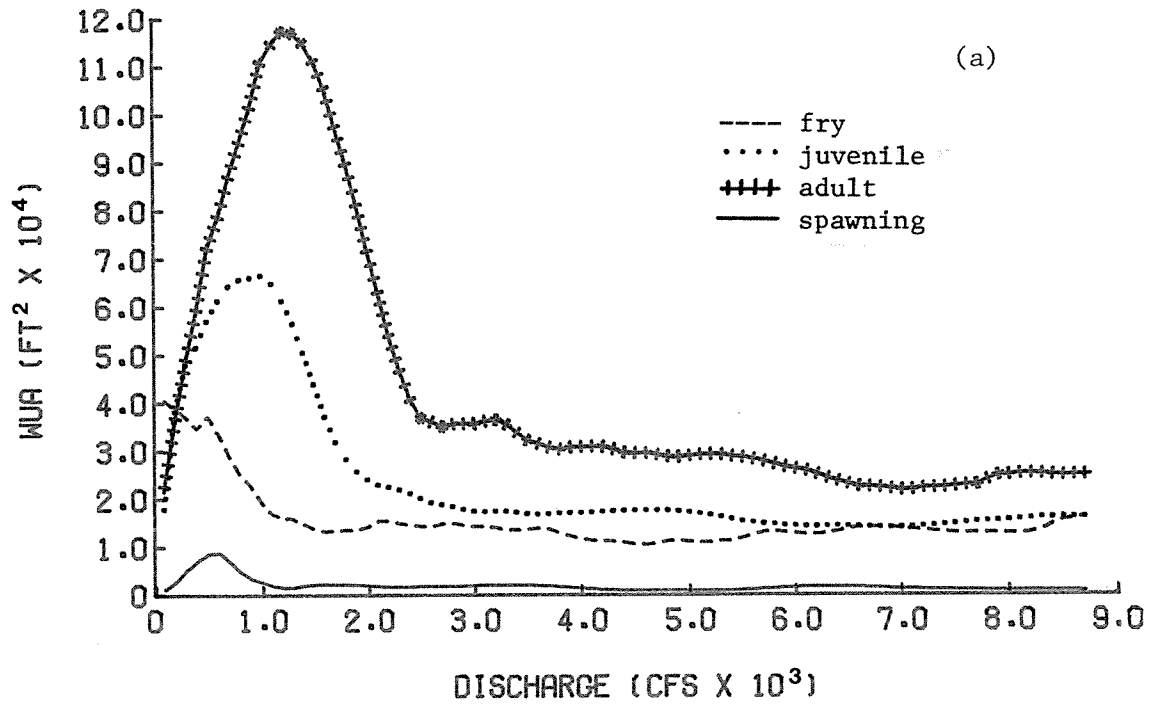


Figure 36. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 1 in the Skagit River.

## REACH 2 - CUTTHROAT TROUT

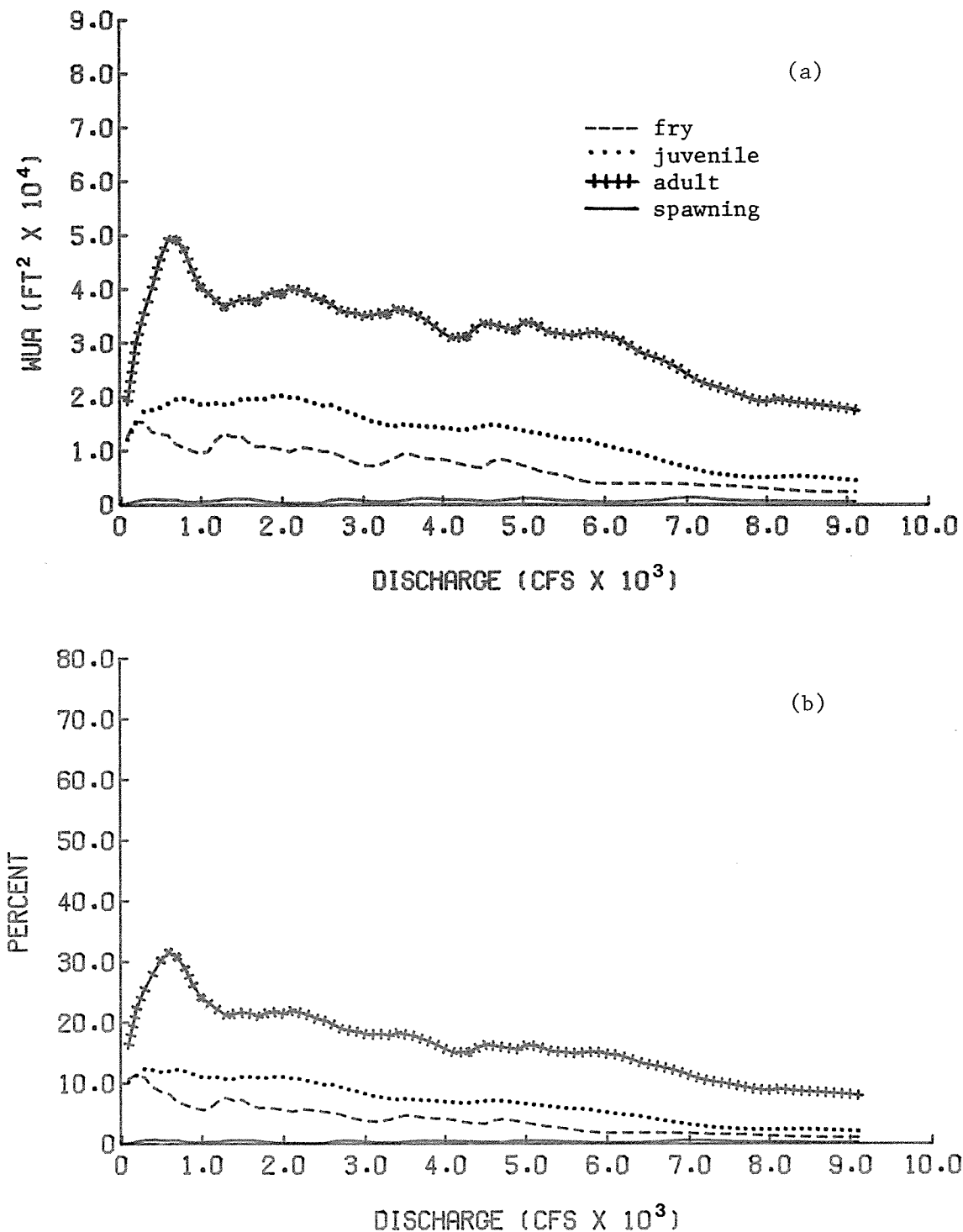


Figure 37. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 2 in the Skagit River.

## REACH 3 - CUTTHROAT TROUT

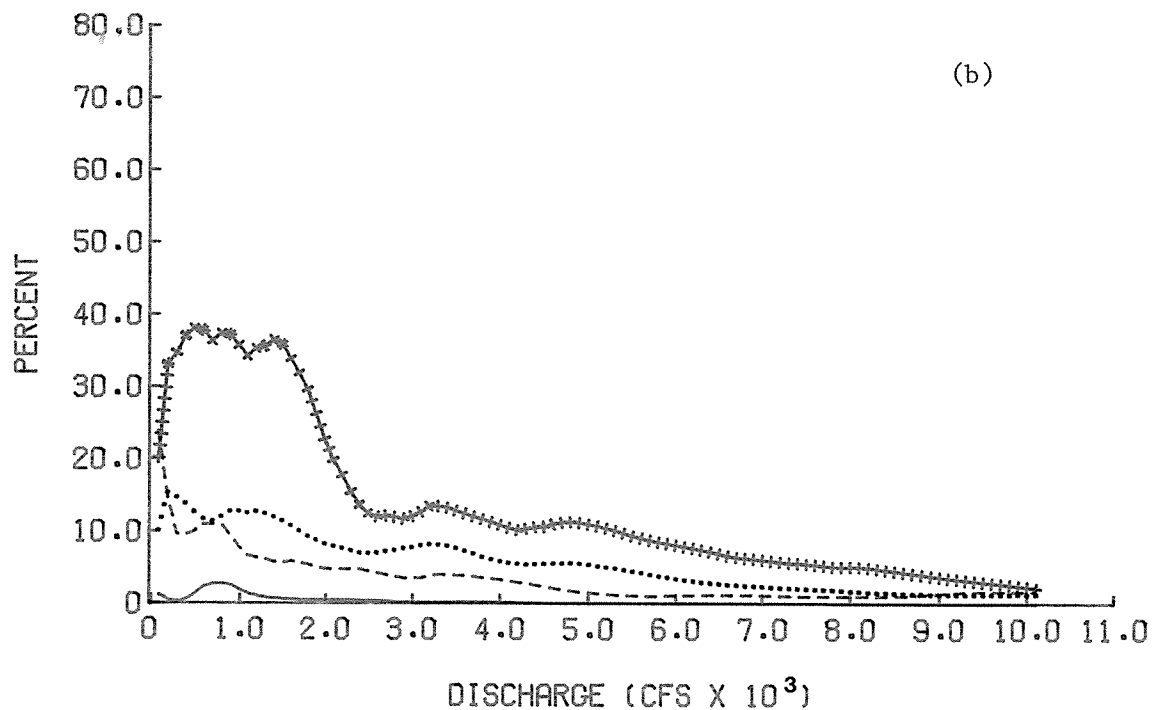
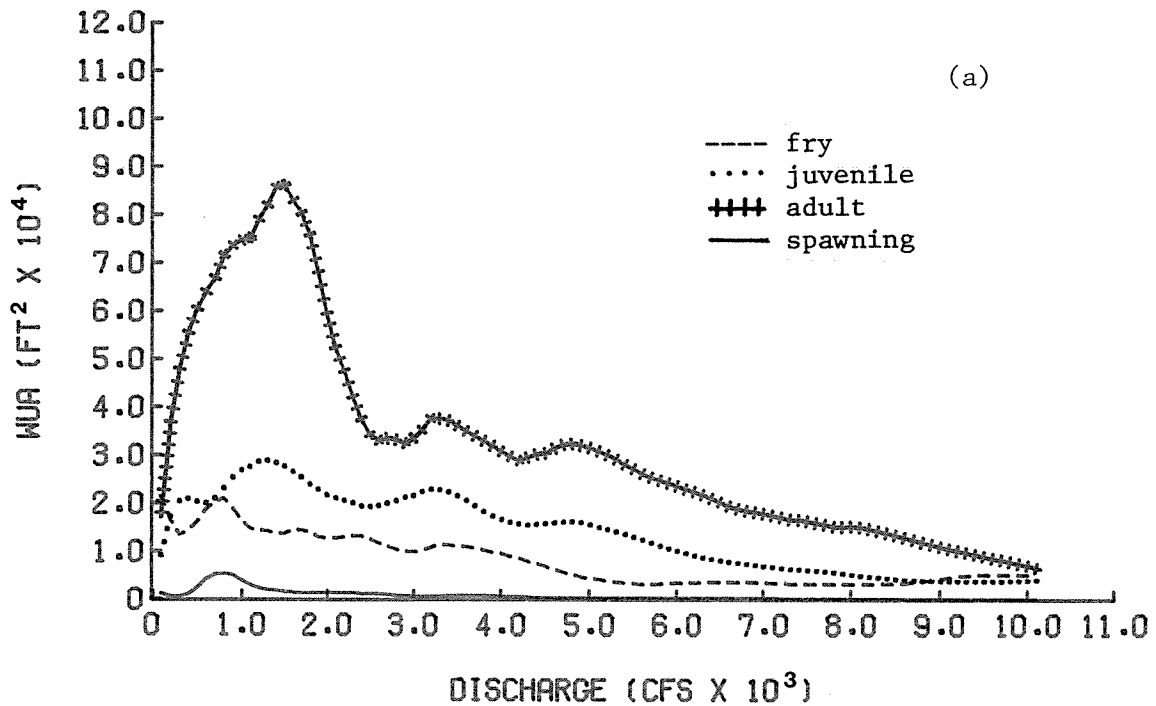


Figure 38. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 3 in the Skagit River.

## REACH 4 - CUTTHROAT TROUT

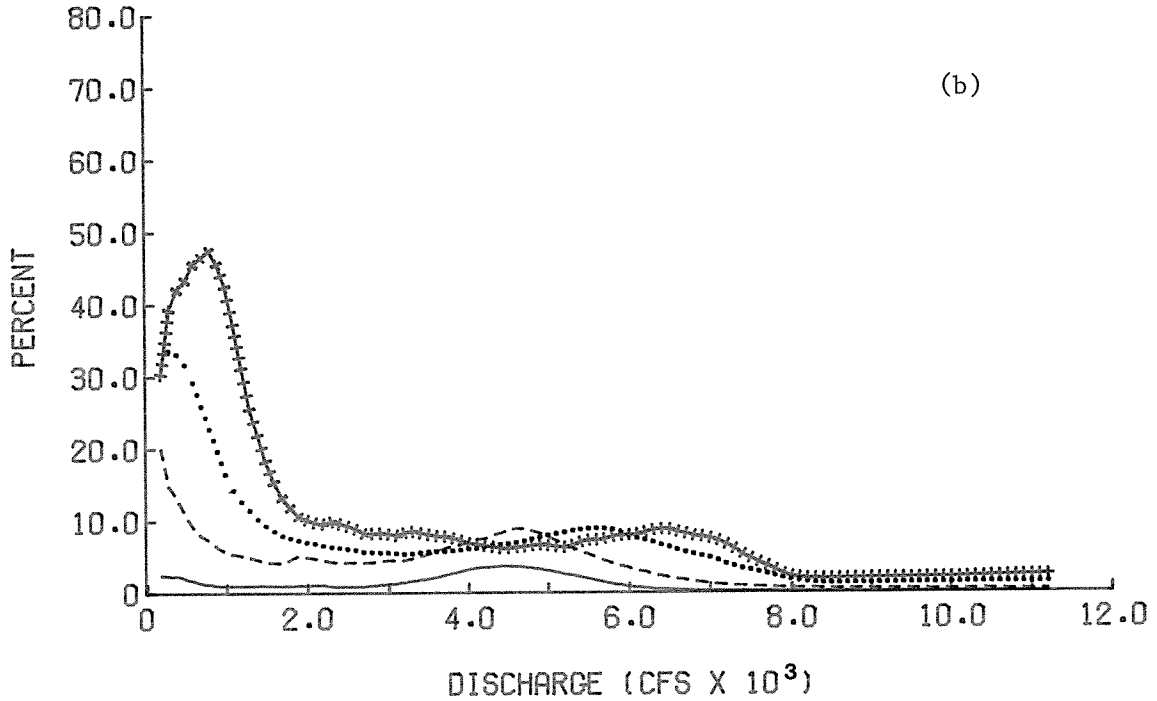
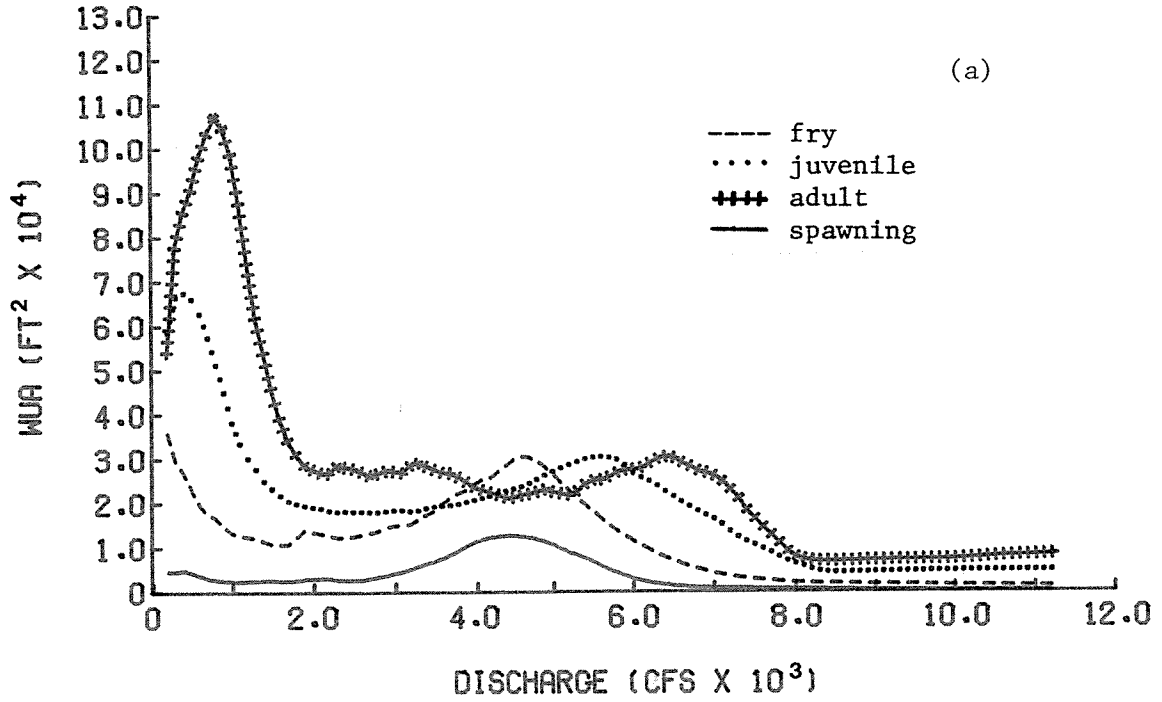


Figure 39. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 4 in the Skagit River.

## REACH 5 - CUTTHROAT TROUT

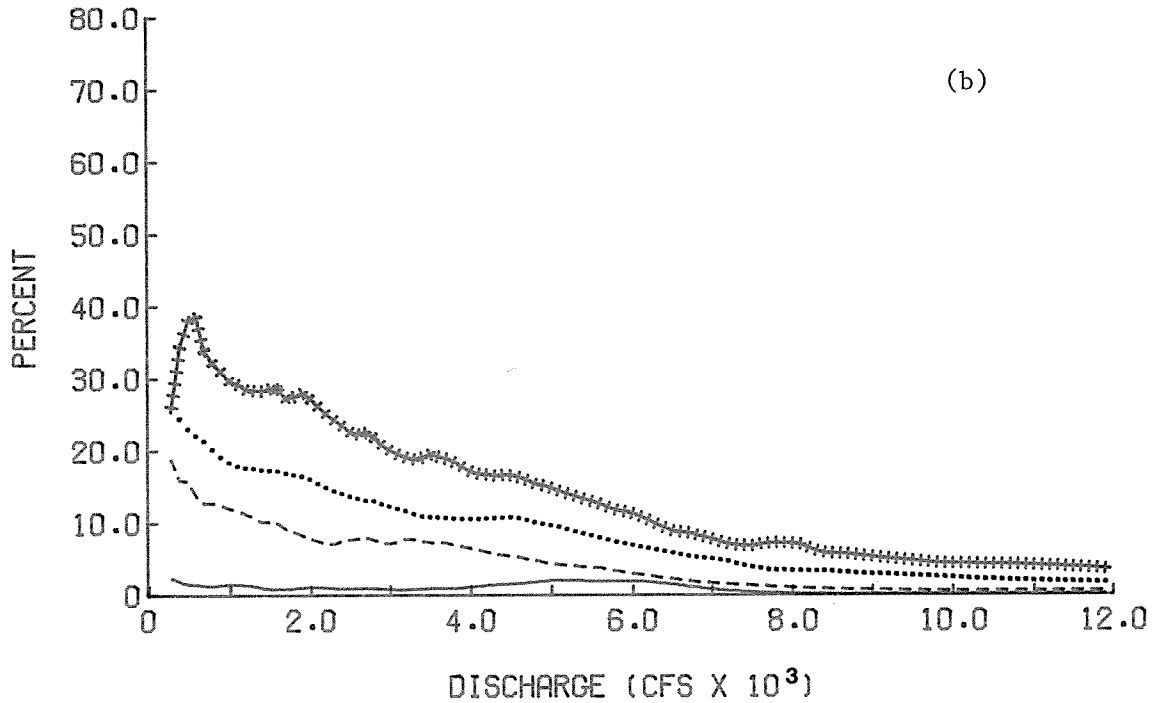
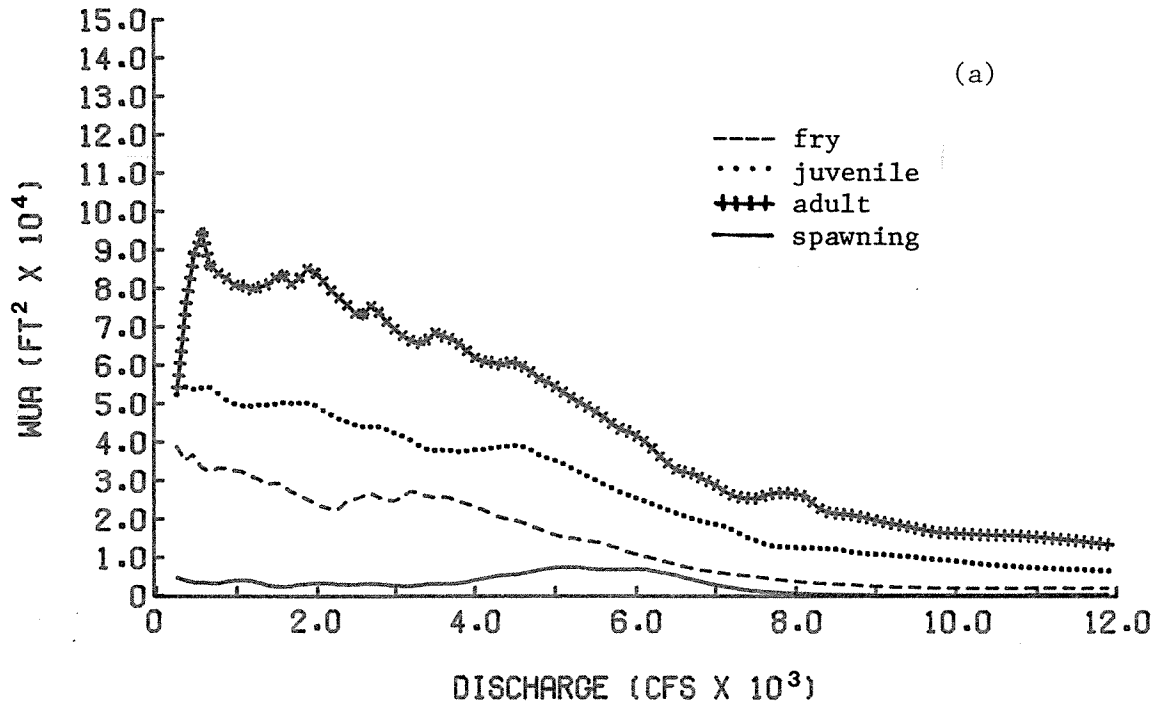


Figure 40. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 5 in the Skagit River.

## REACH 7 - CUTTHROAT TROUT

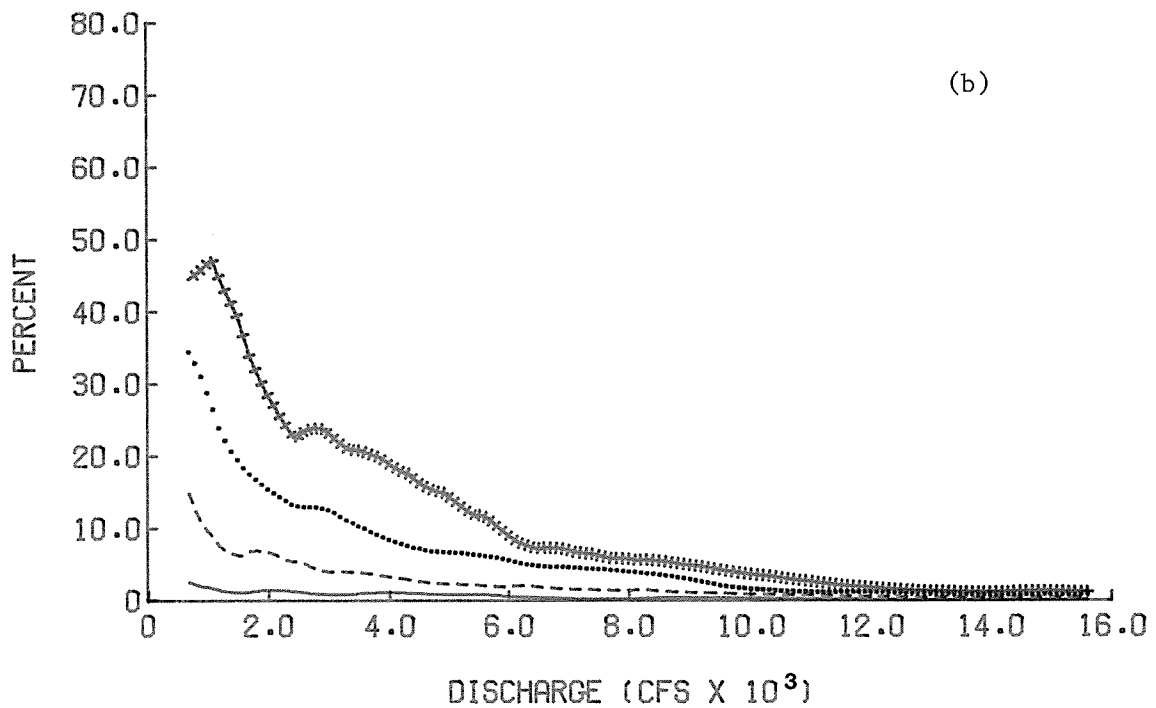
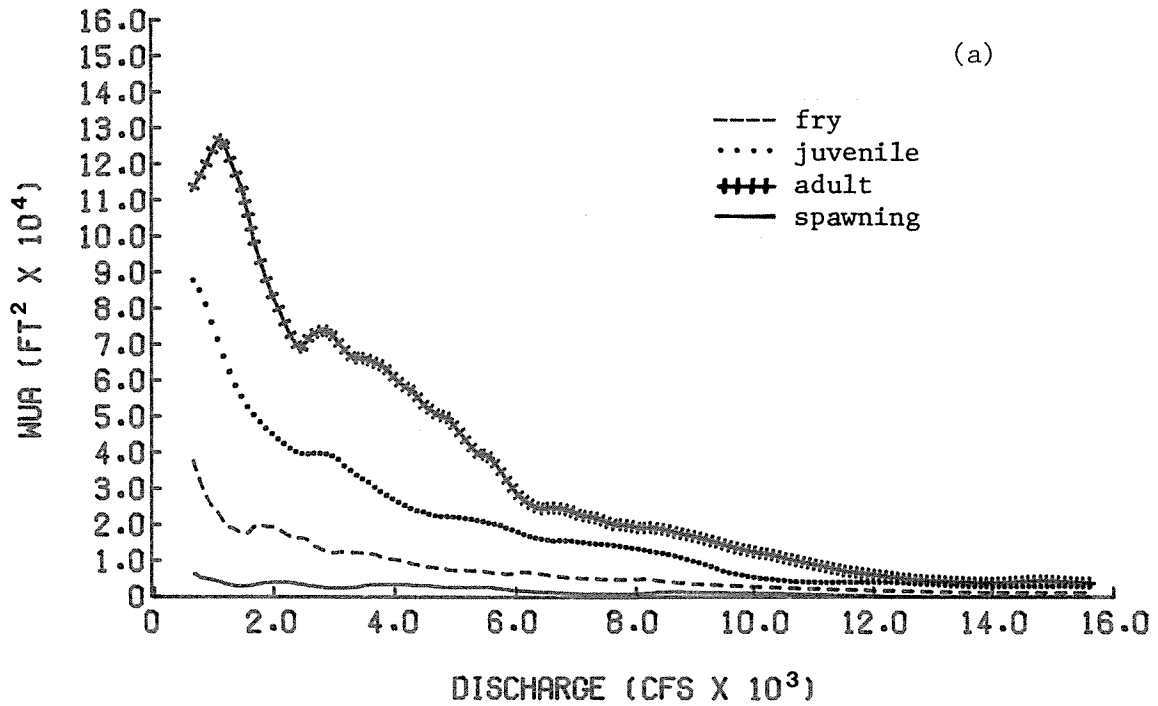


Figure 41. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 7 in the Skagit River.

## REACH 8 - CUTTHROAT TROUT

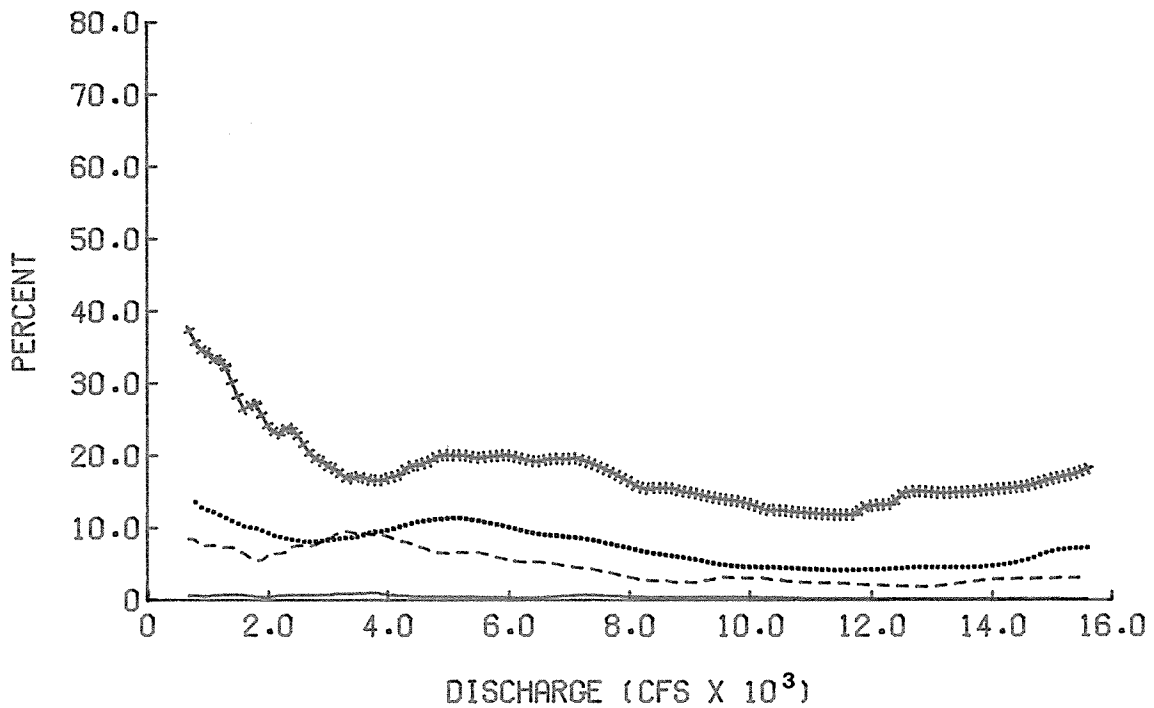
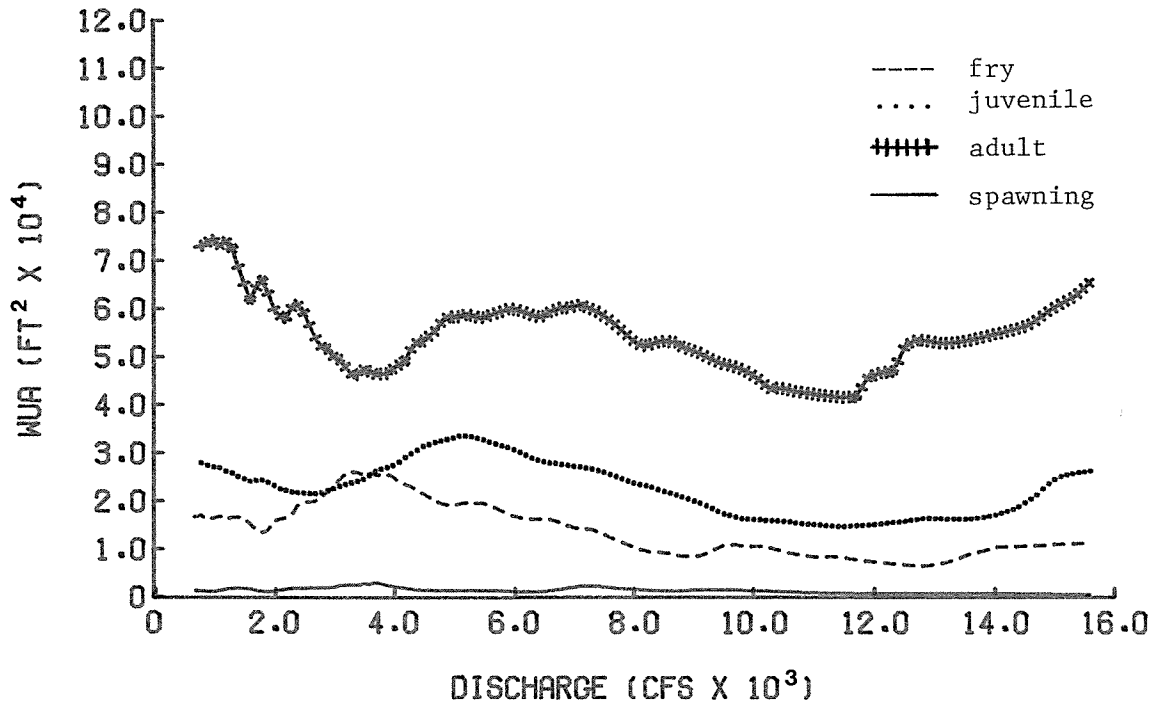


Figure 42. WUA in  $\text{ft}^2$  per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for cutthroat trout fry, juvenile, spawning and adult life stages at reach 8 in the Skagit River.

REACH 1 - MOUNTAIN WHITEFISH

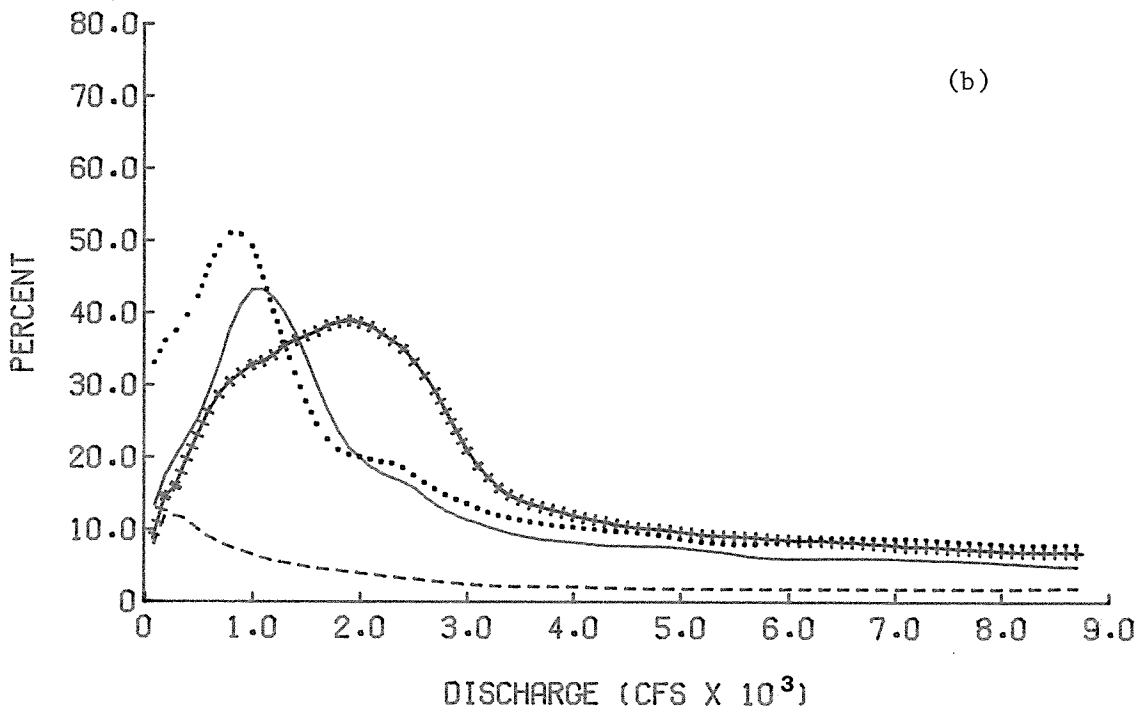
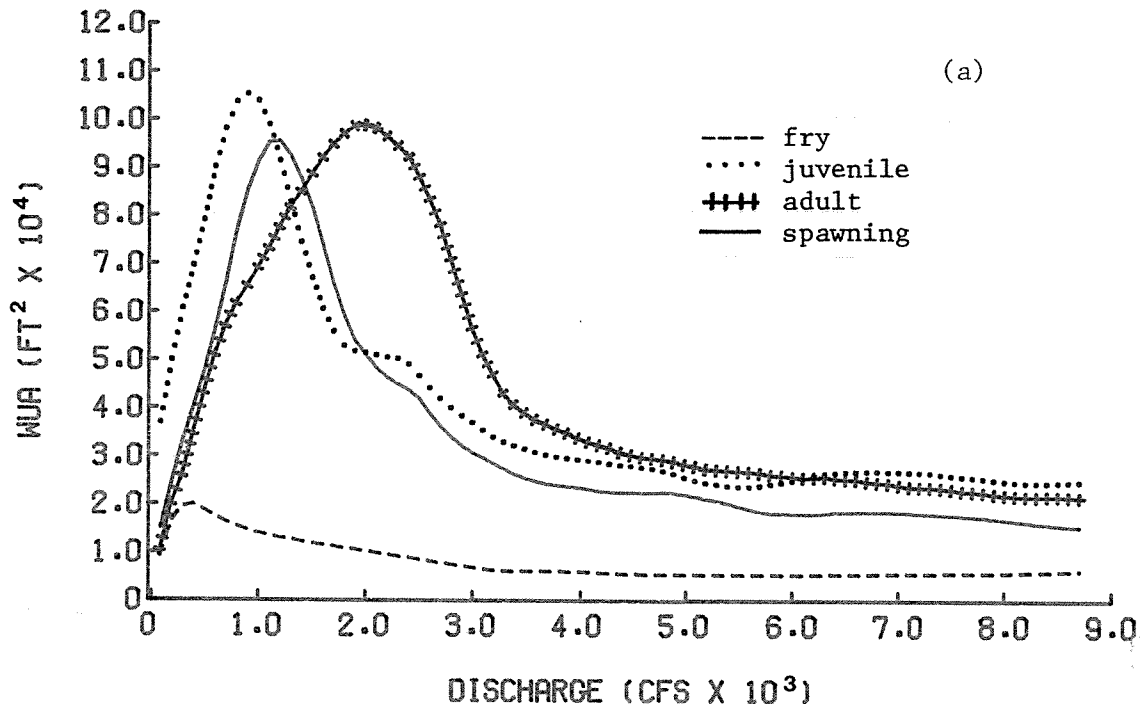


Figure 43. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 1 in the Skagit River.

## REACH 2 - MOUNTAIN WHITEFISH

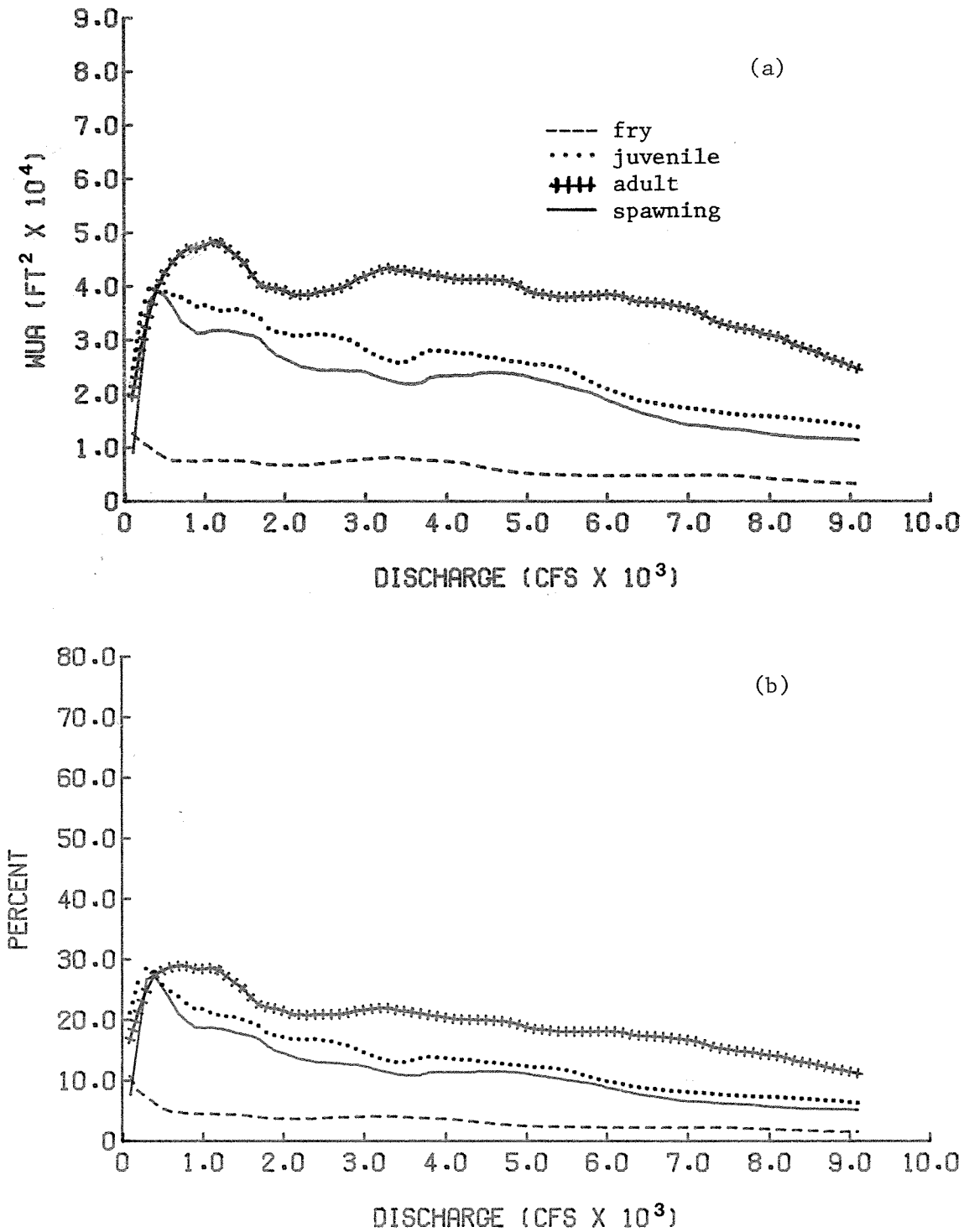


Figure 44. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 2 in the Skagit River.

## REACH 3 - MOUNTAIN WHITEFISH

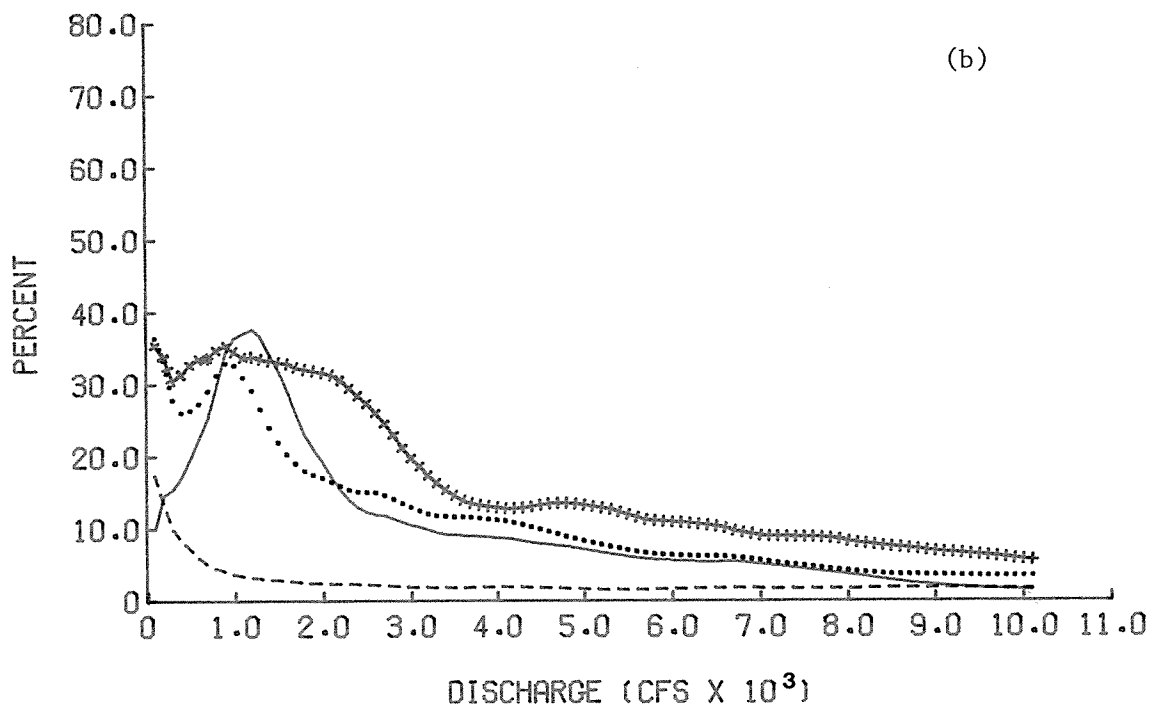
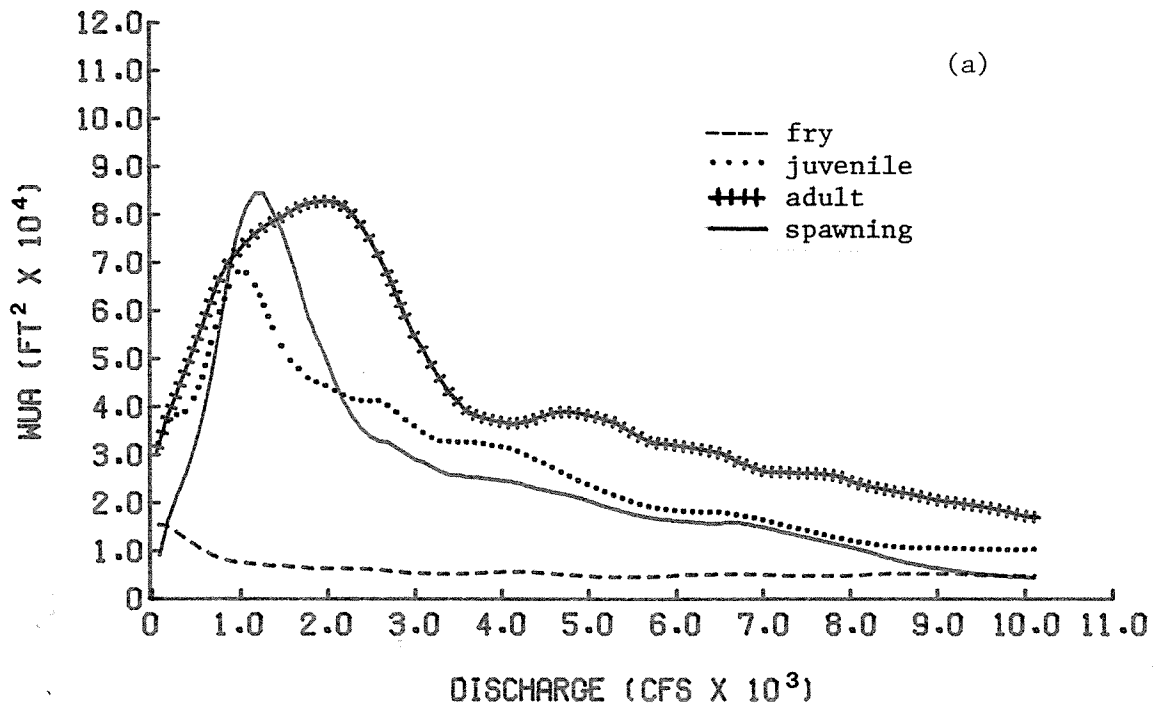


Figure 45. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 3 in the Skagit River.

## REACH 4 - MOUNTAIN WHITEFISH

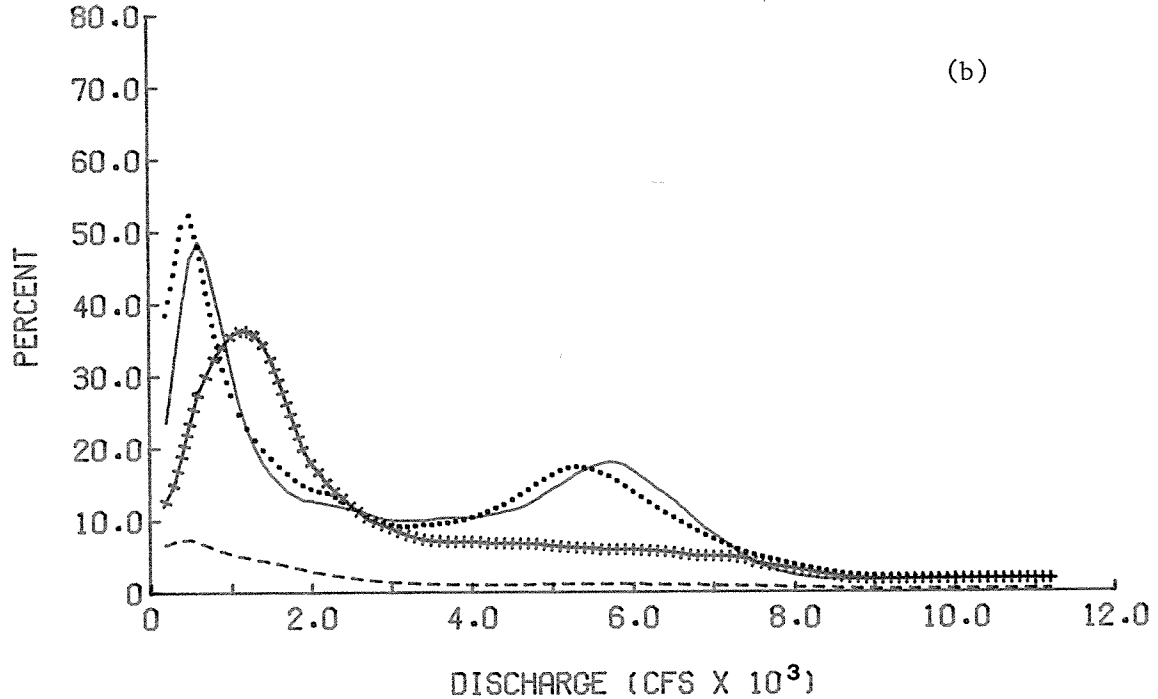
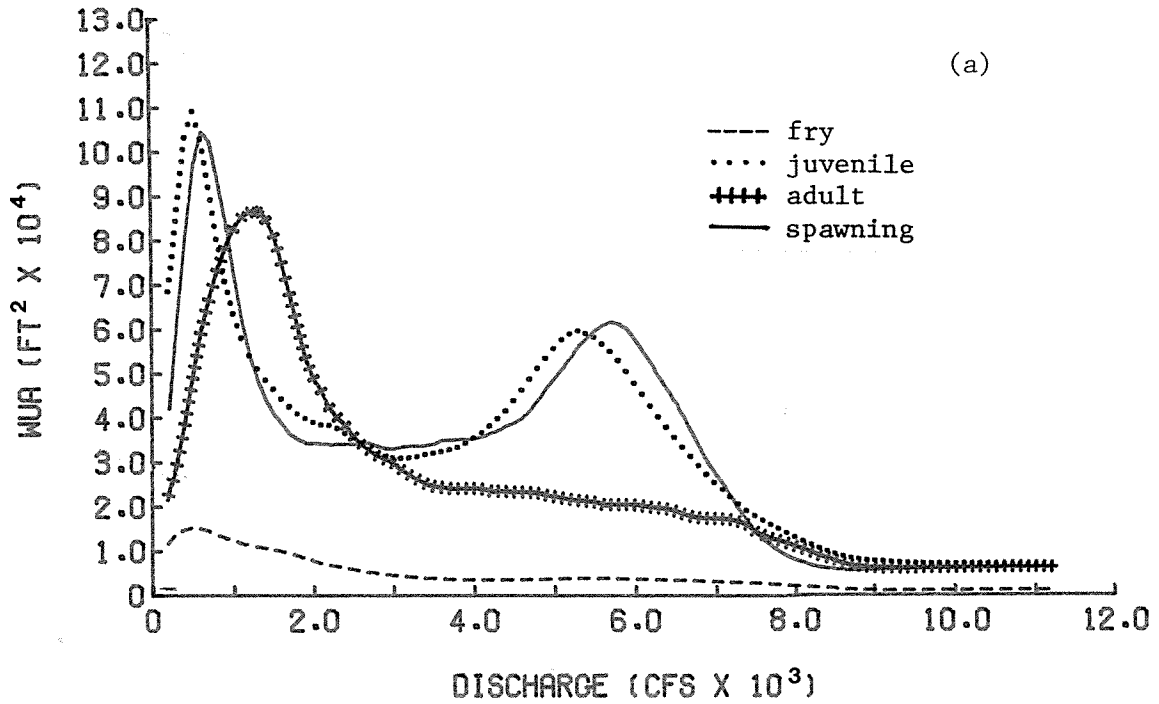


Figure 46. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 4 in the Skagit River.

## REACH 5 - MOUNTAIN WHITEFISH

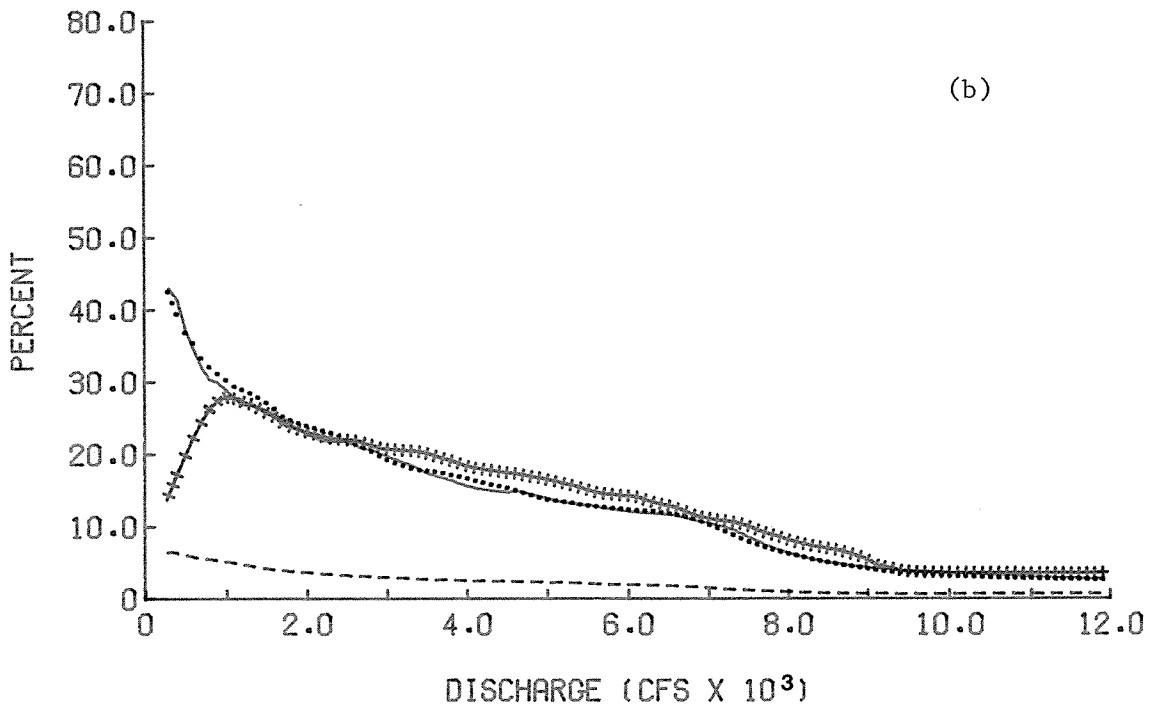
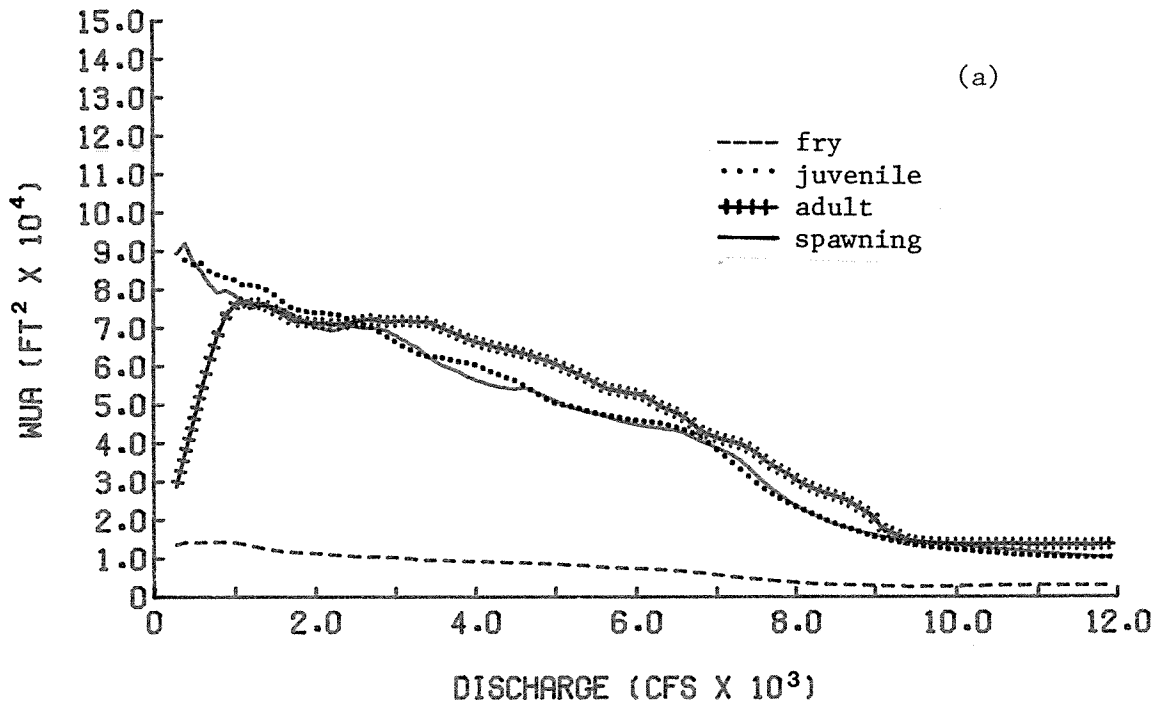


Figure 47. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 5 in the Skagit River.

## REACH 7 - MOUNTAIN WHITEFISH

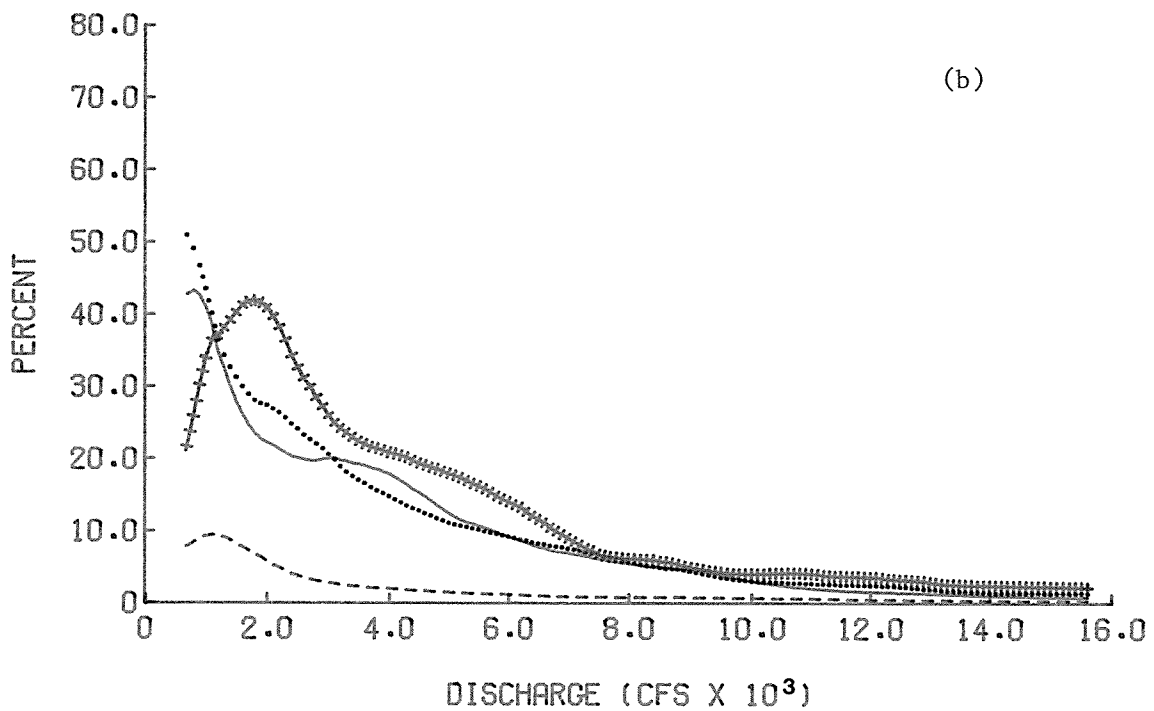
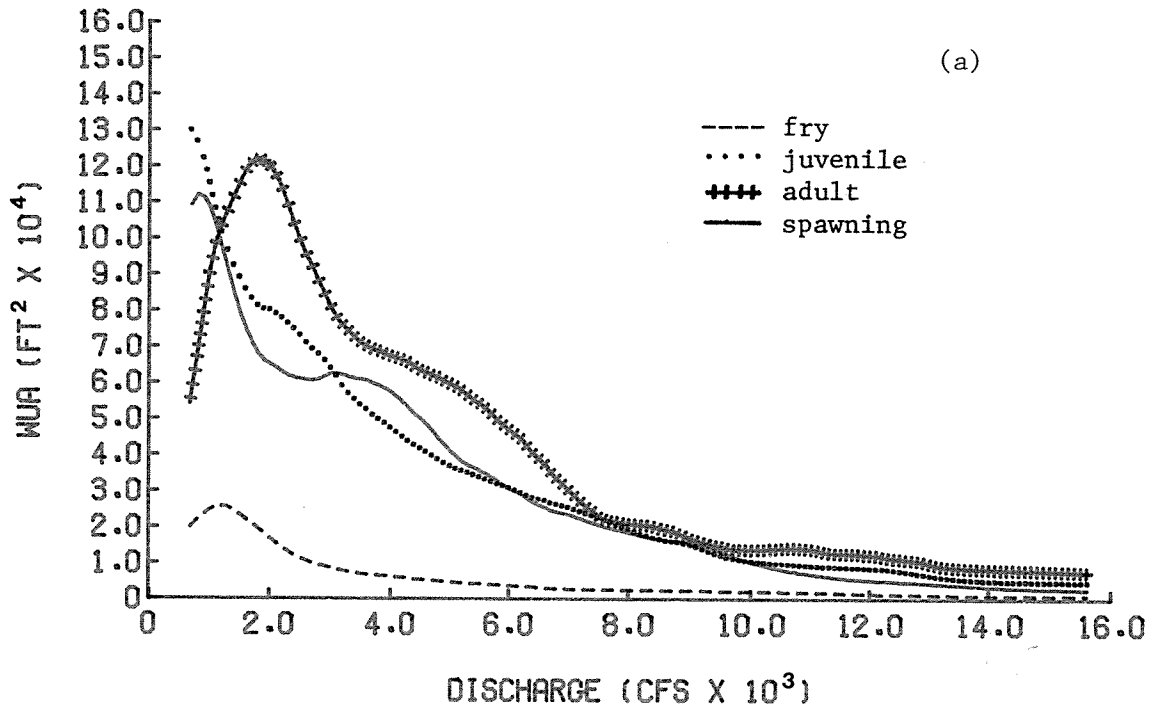


Figure 48. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 7 in the Skagit River.

## REACH 8 - MOUNTAIN WHITEFISH

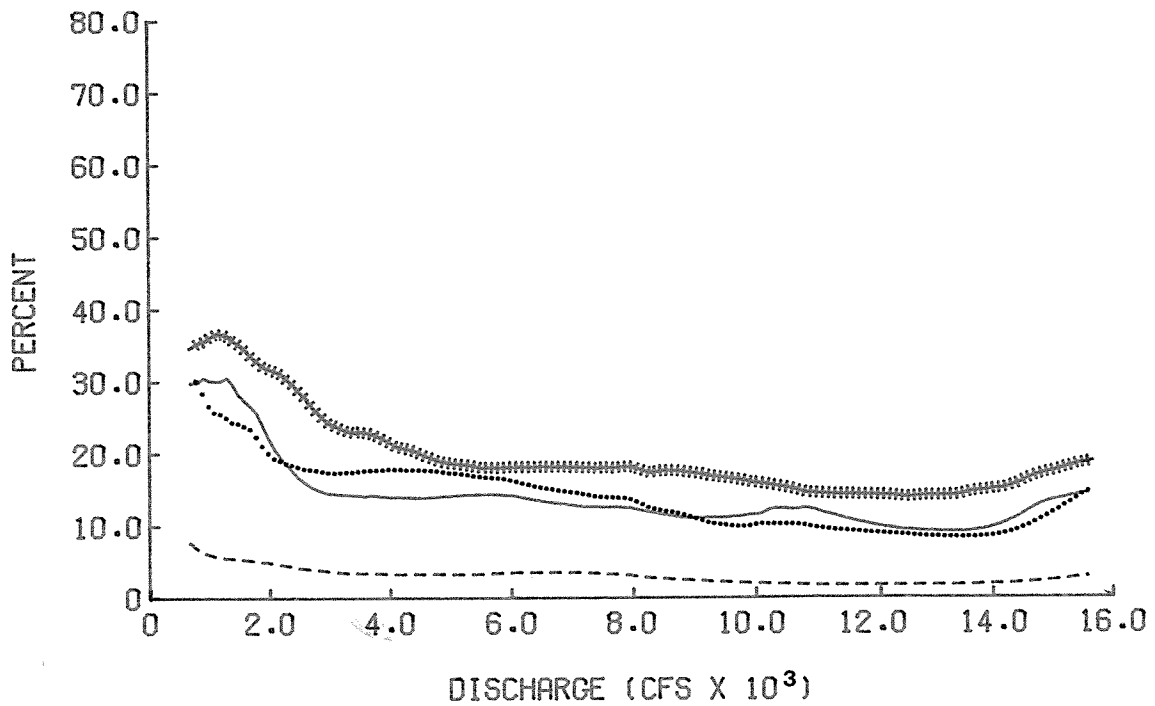
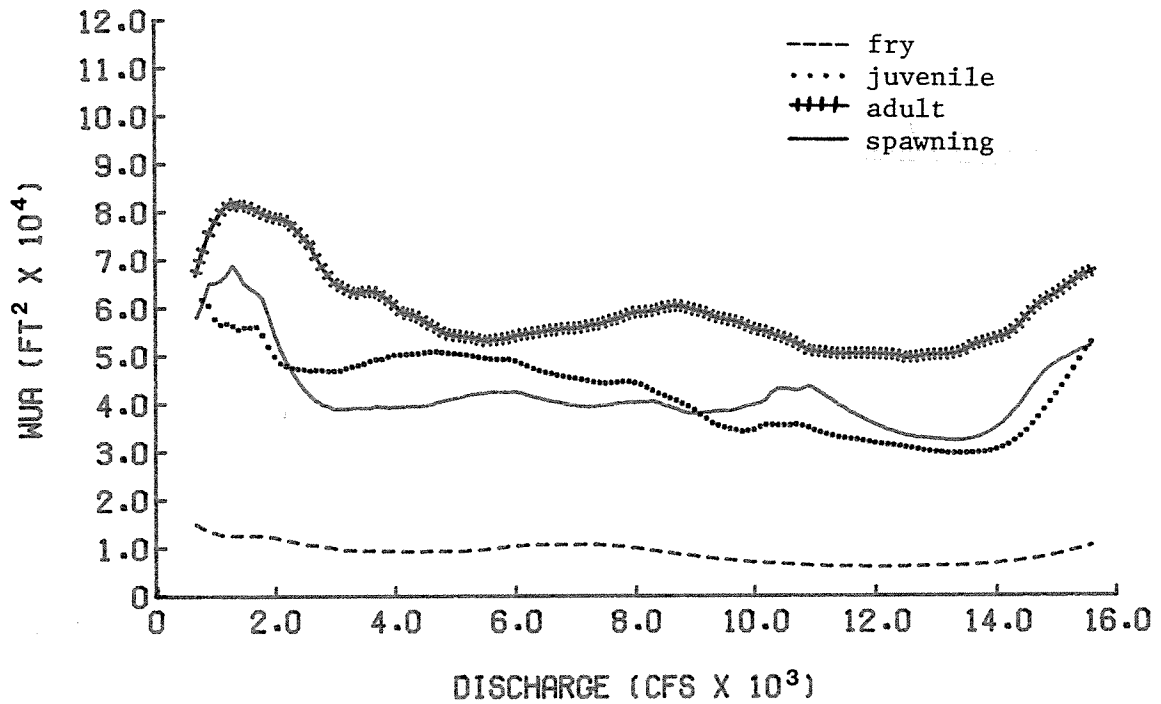


Figure 49. WUA in  $\text{ft}^2$  per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for mountain whitefish fry, juvenile, spawning and adult life stages at reach 8 in the Skagit River.

## REACH 1 - COHO SALMON

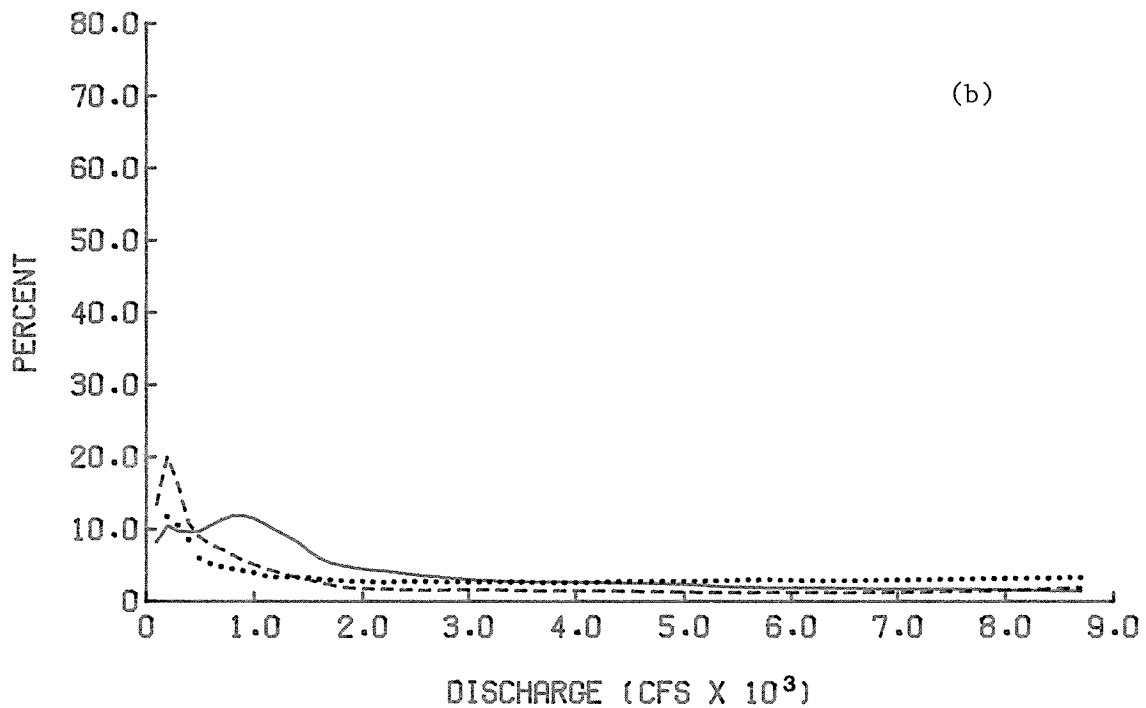
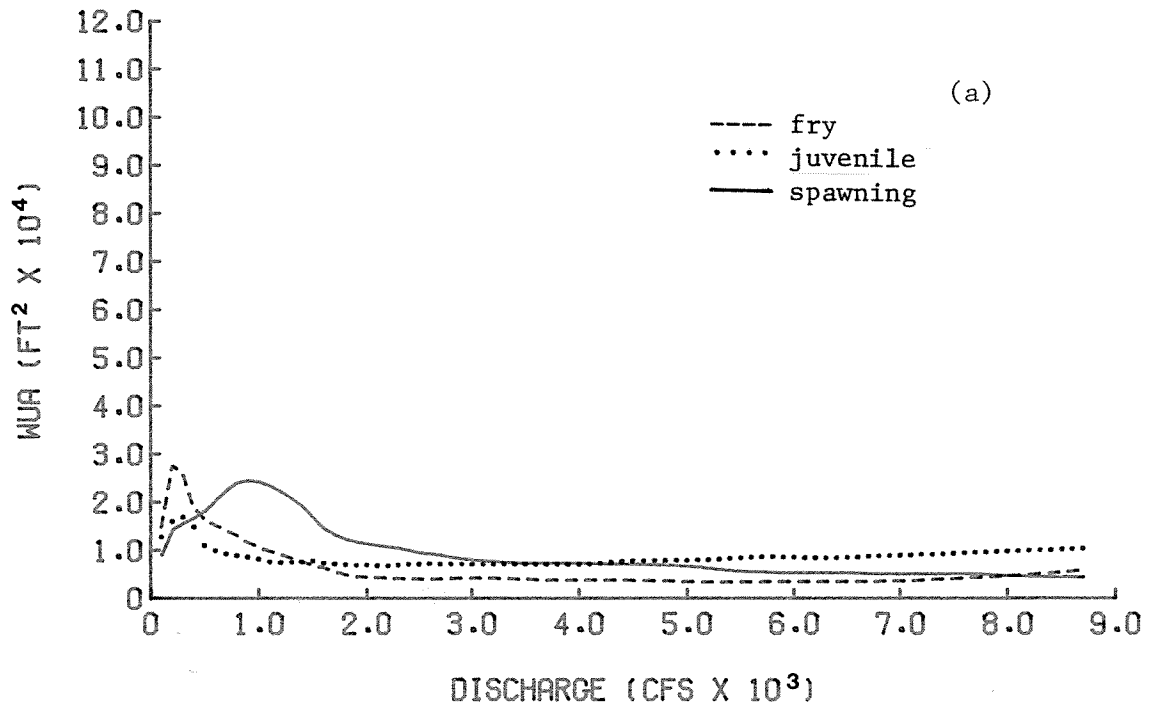


Figure 50. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 1 in the Skagit River.

## REACH 2 - COHO SALMON

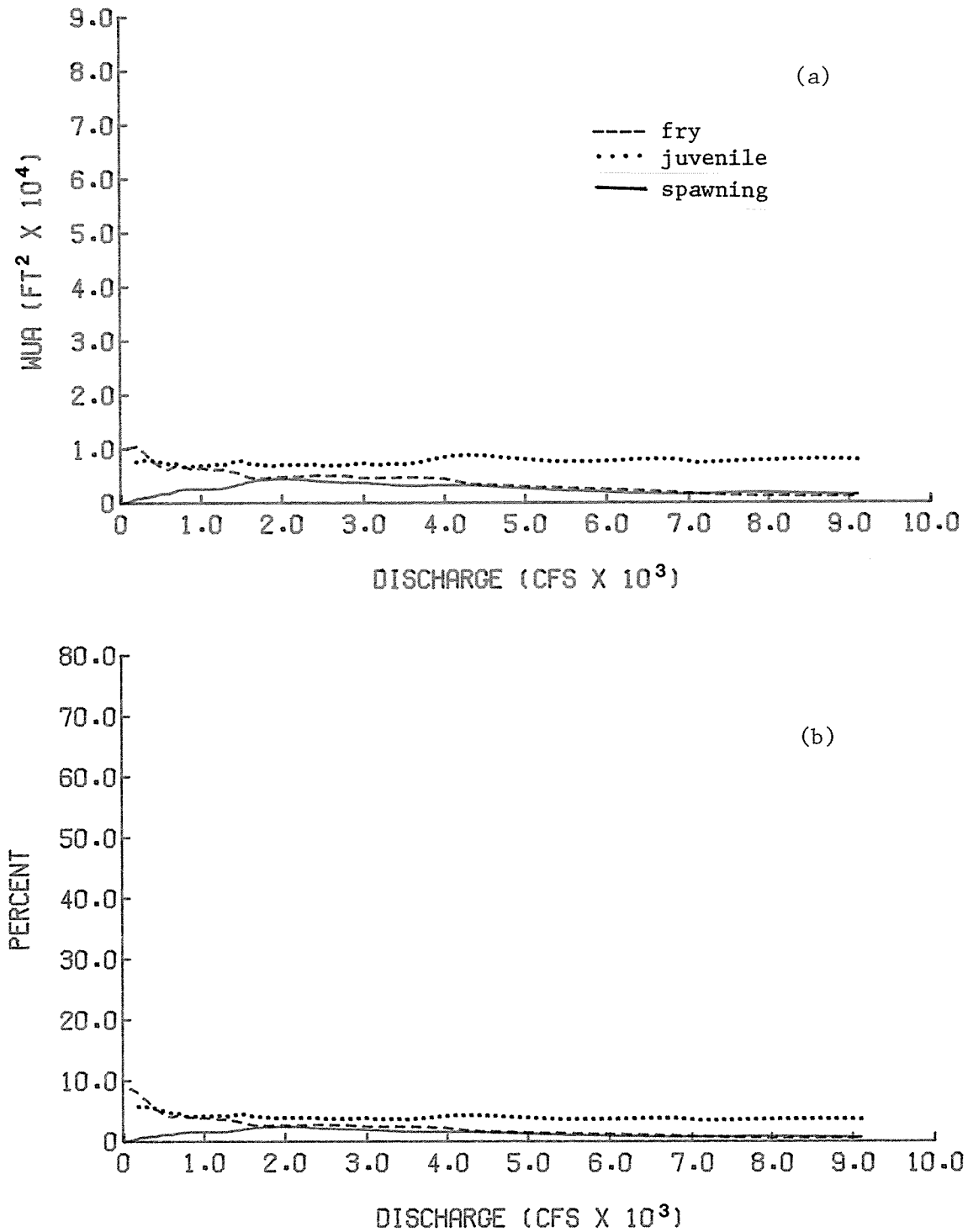


Figure 51. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 2 in the Skagit River.

## REACH 3 - COHO SALMON

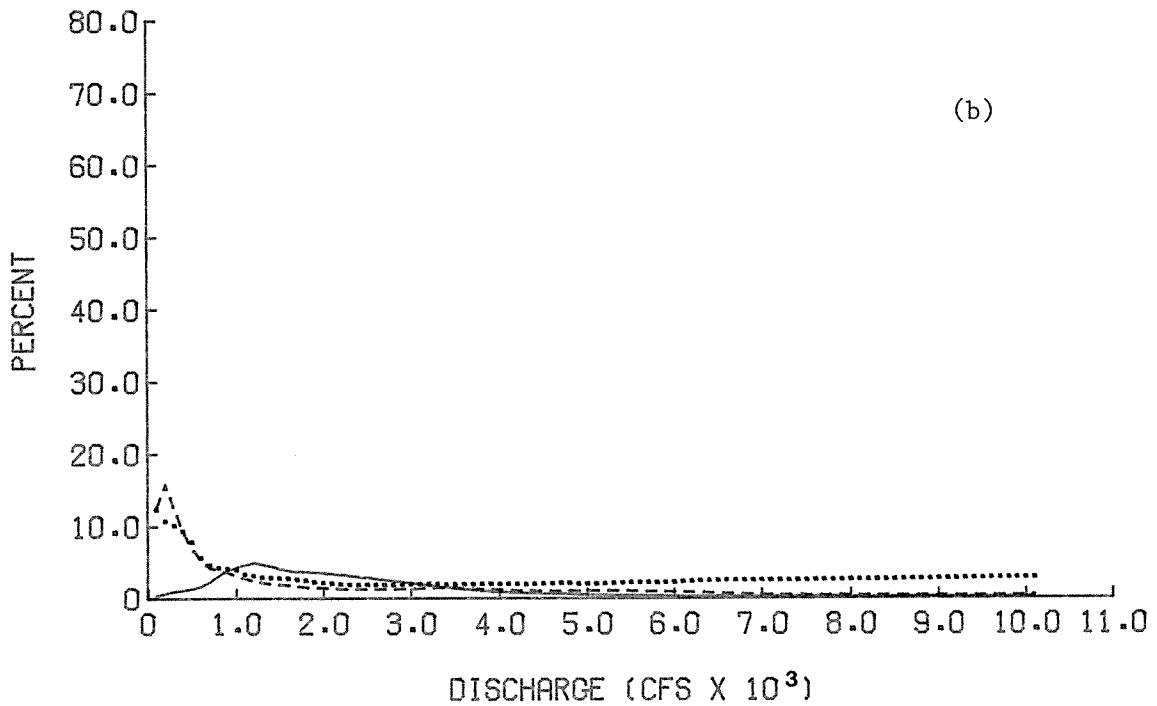
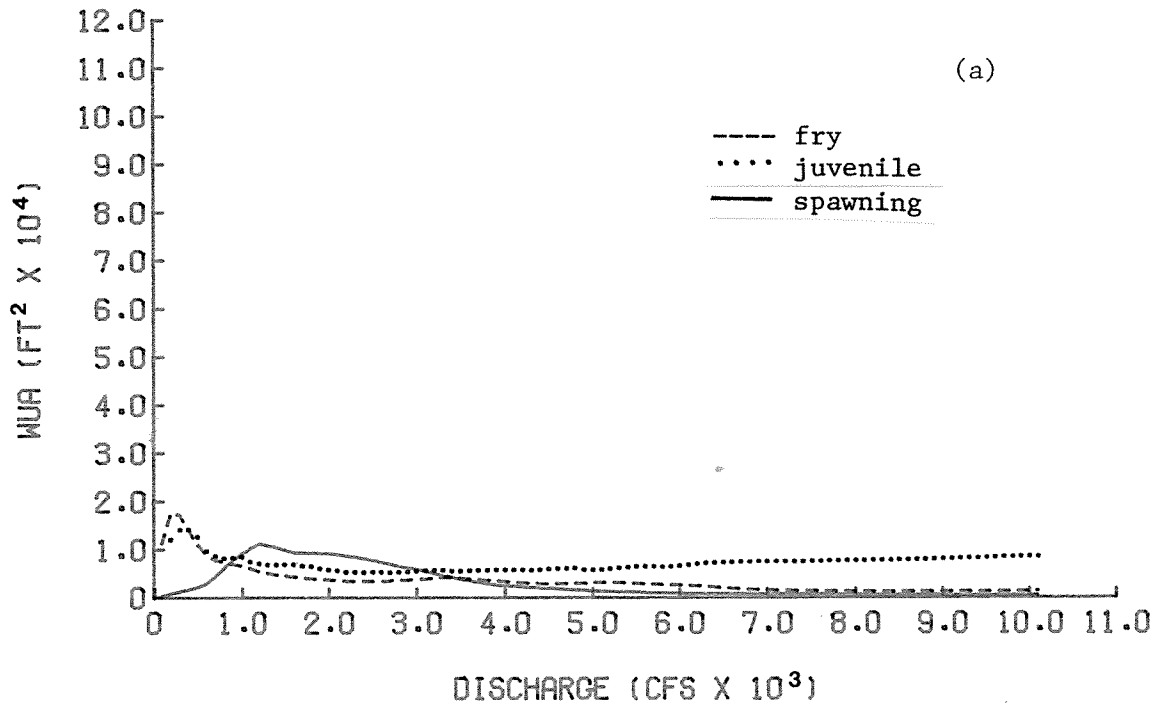


Figure 52. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 3 in the Skagit River.

## REACH 4 - COHO SALMON

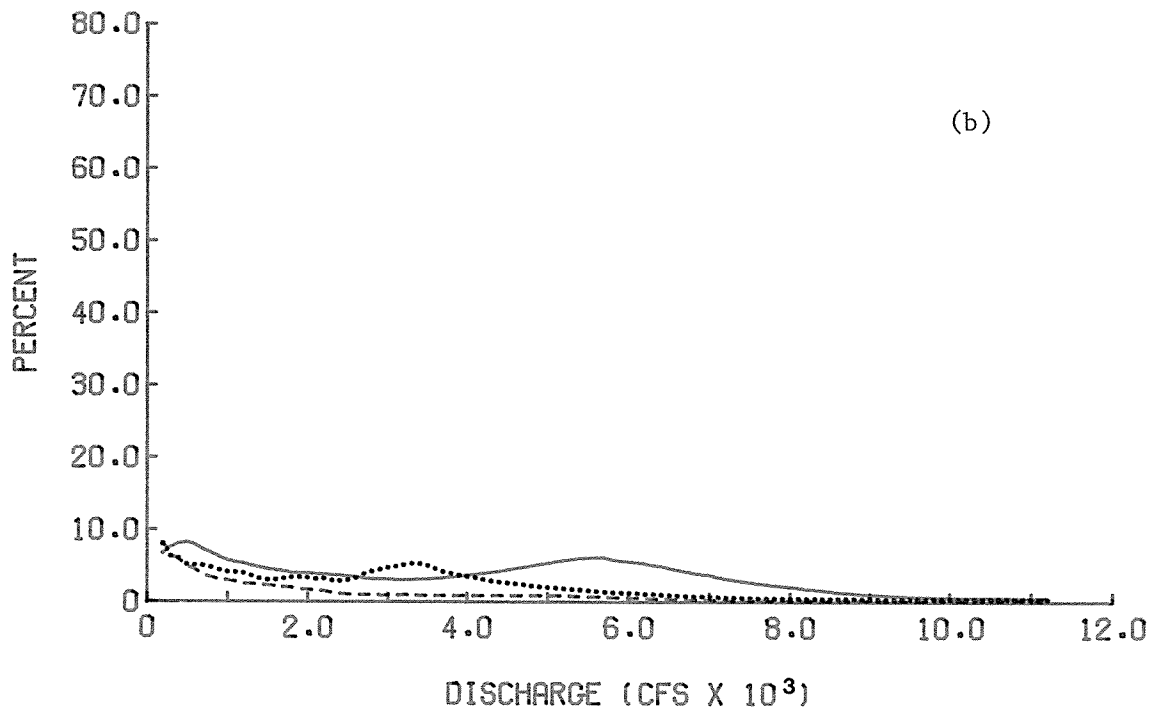
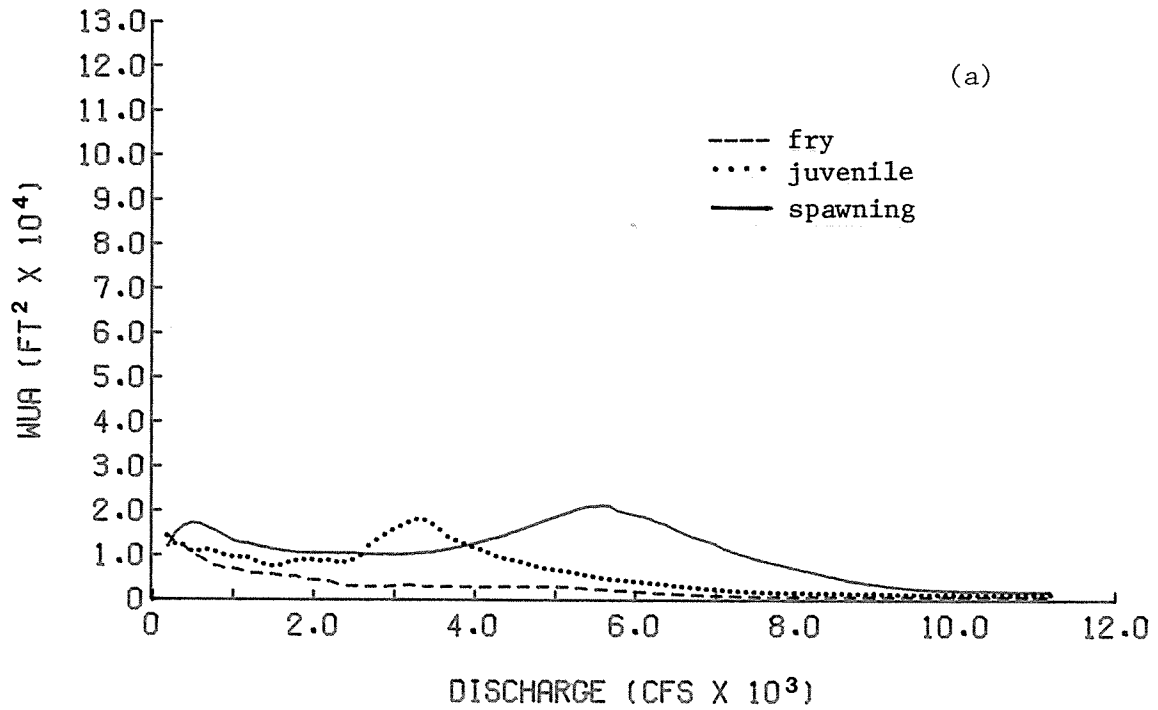


Figure 53. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 4 in the Skagit River.

REACH 5 - COHO SALMON

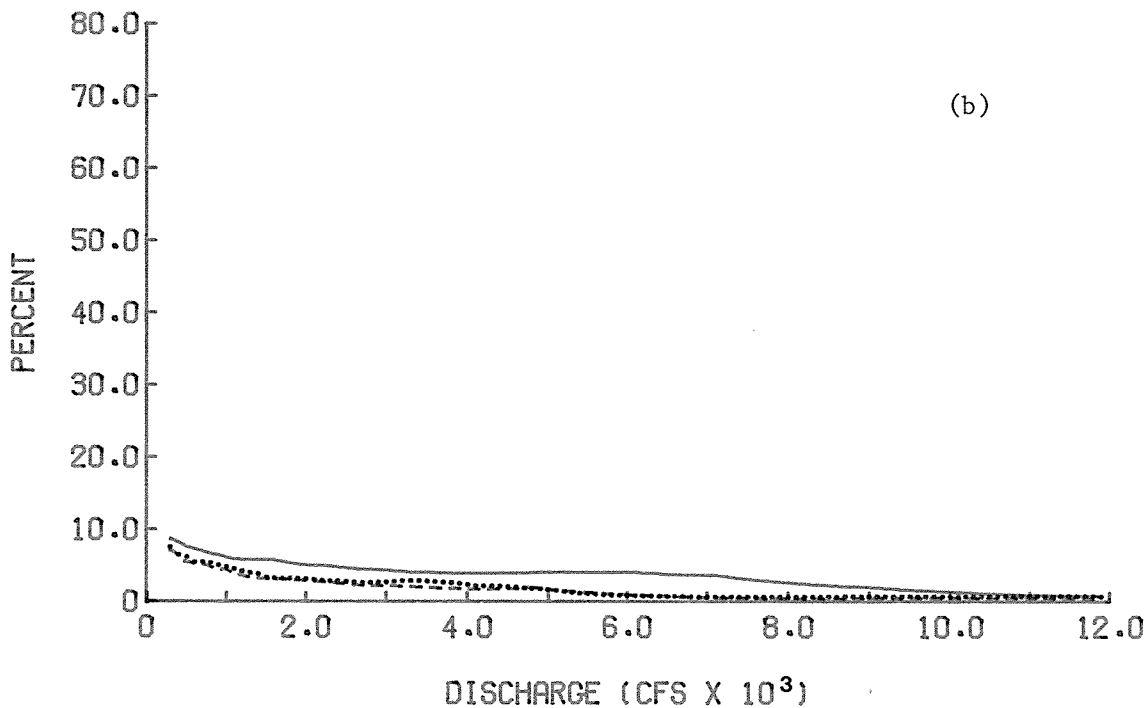
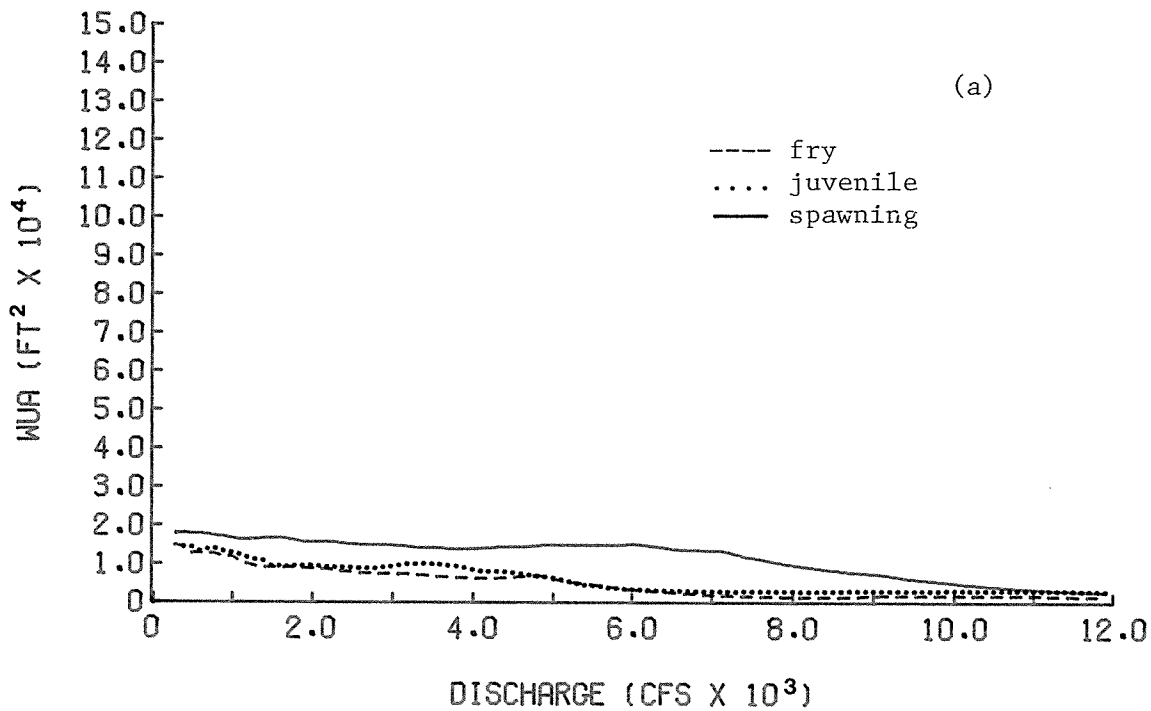


Figure 54. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 5 in the Skagit River.

REACH 7 - COHO SALMON

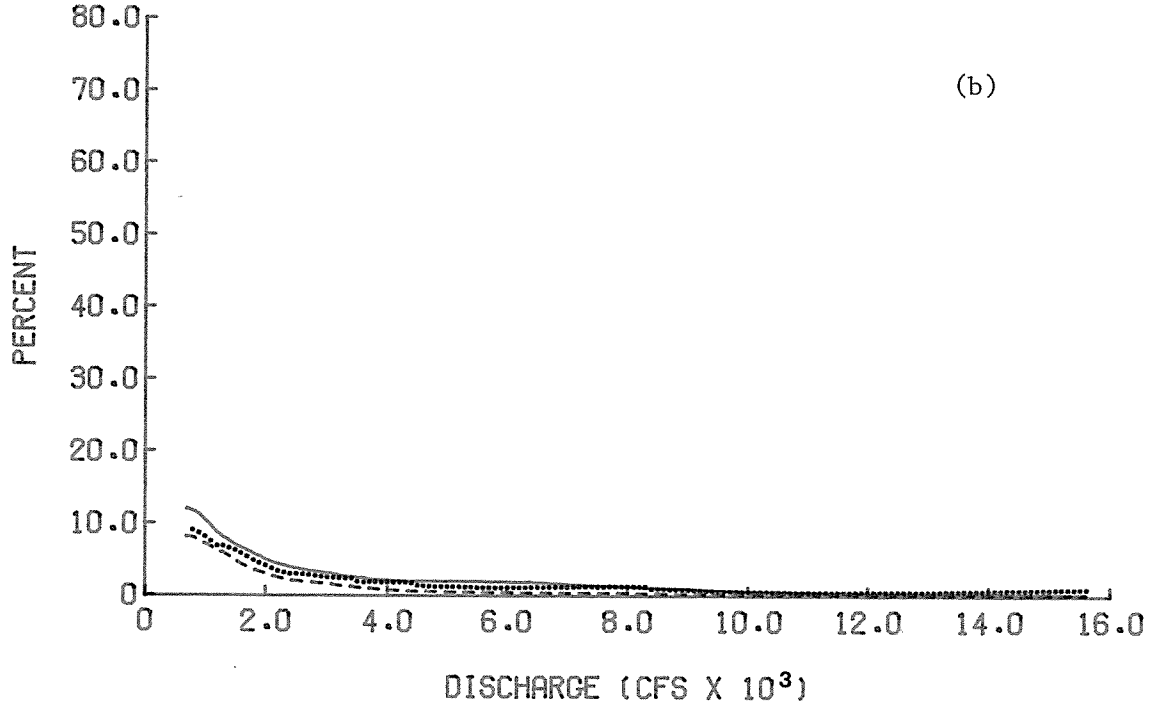
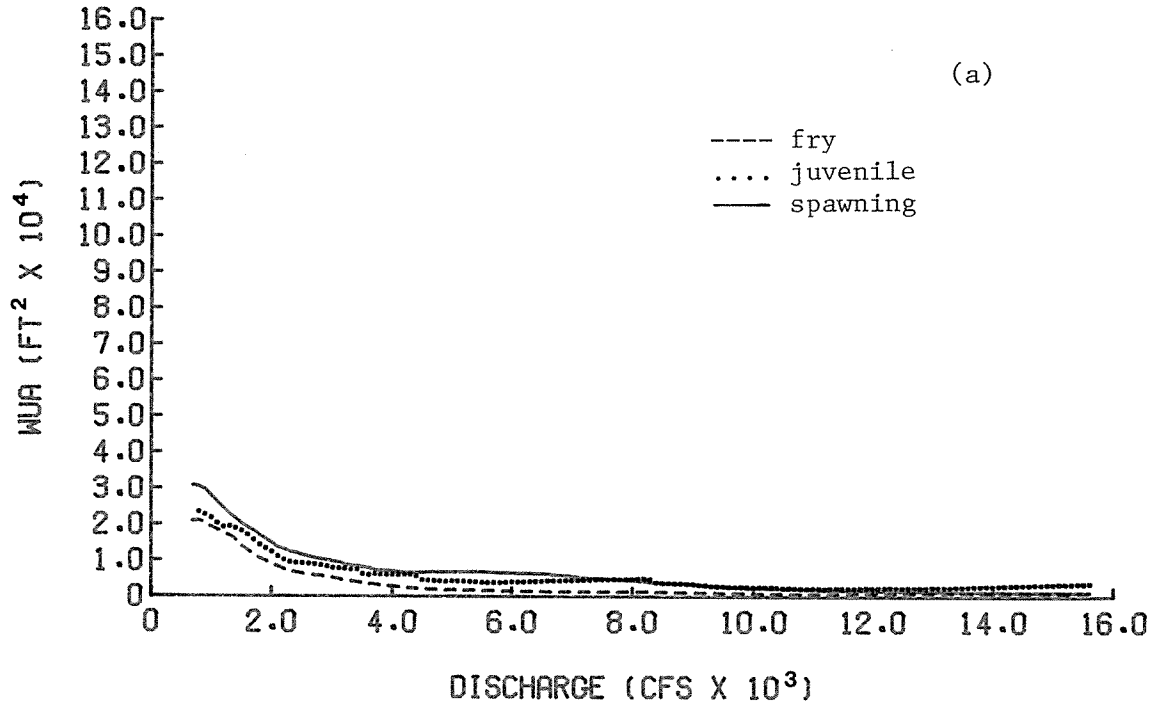


Figure 55. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 7 in the Skagit River.

## REACH 8 - COHO SALMON

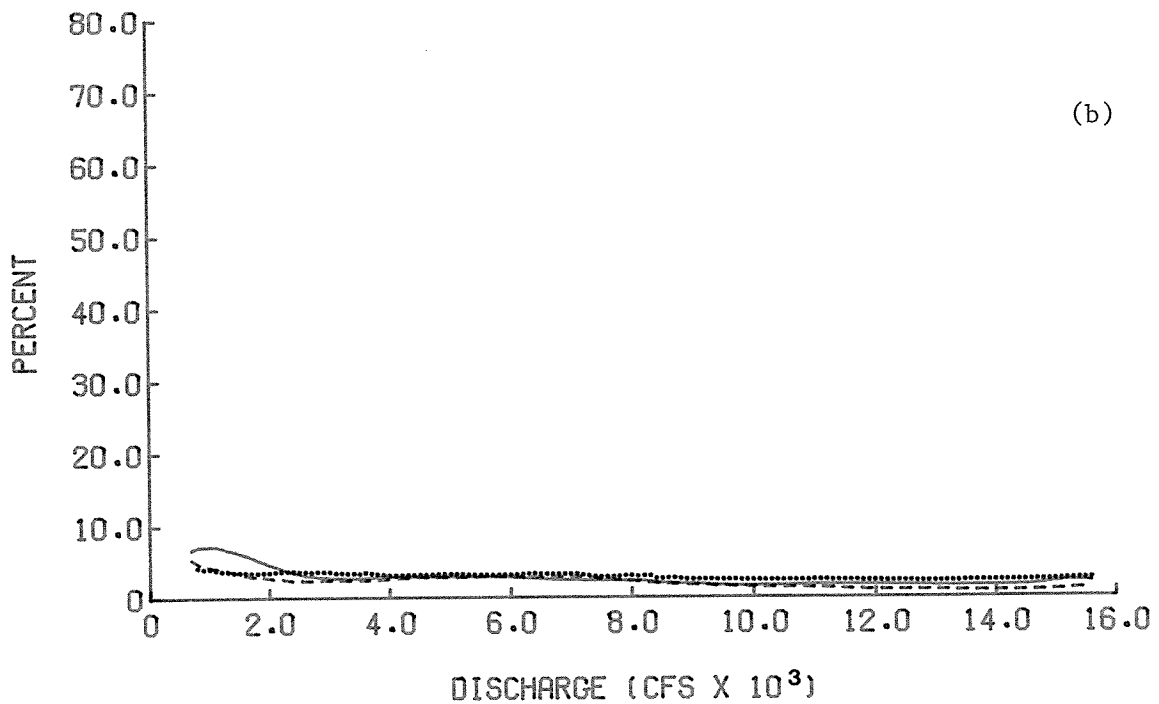
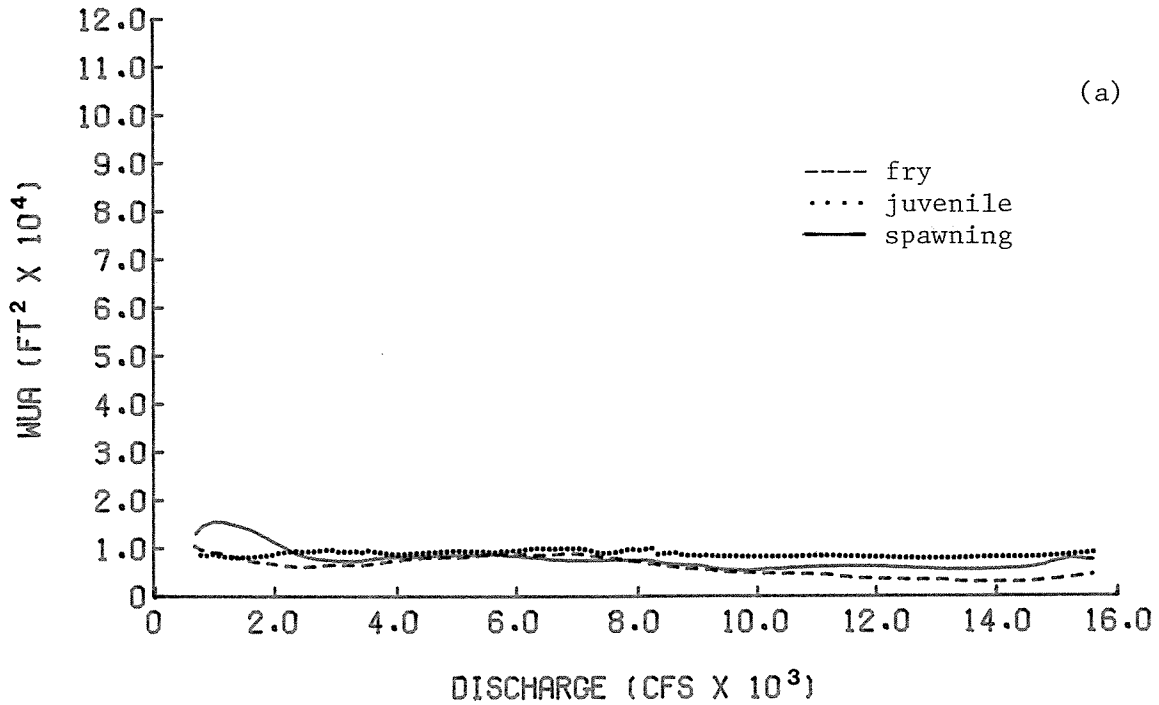


Figure 56. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for coho salmon fry, juvenile and spawning life stages at reach 8 in the Skagit River.

## REACH 1 - DOLLY VARDEN

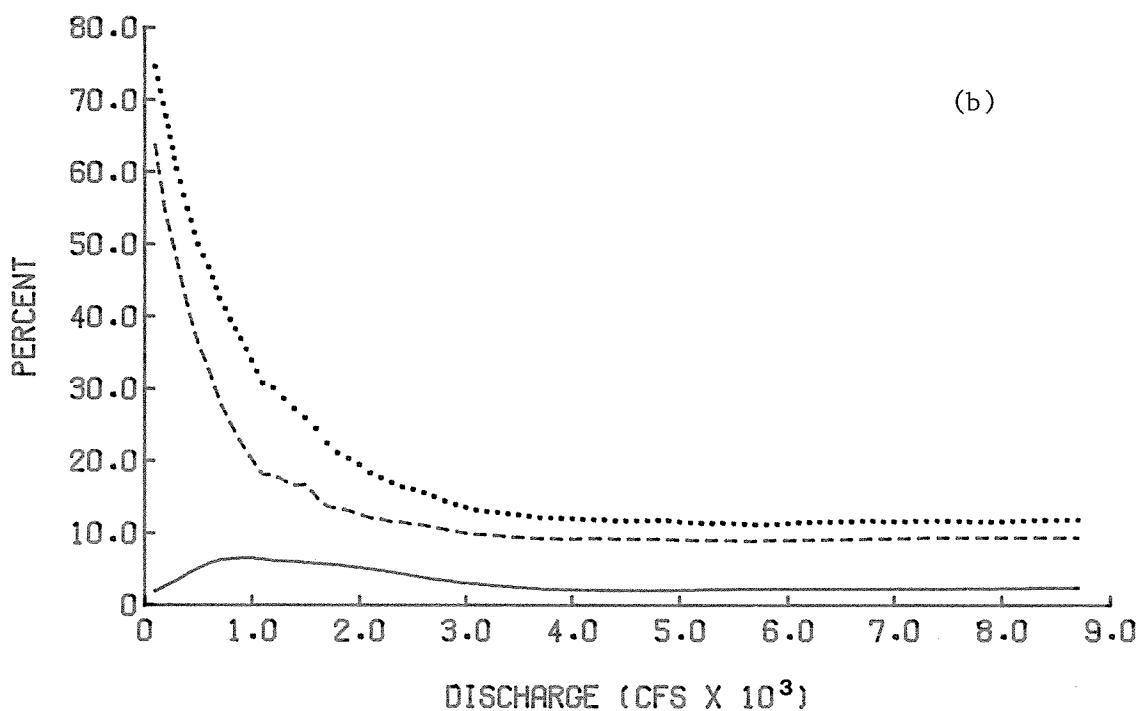
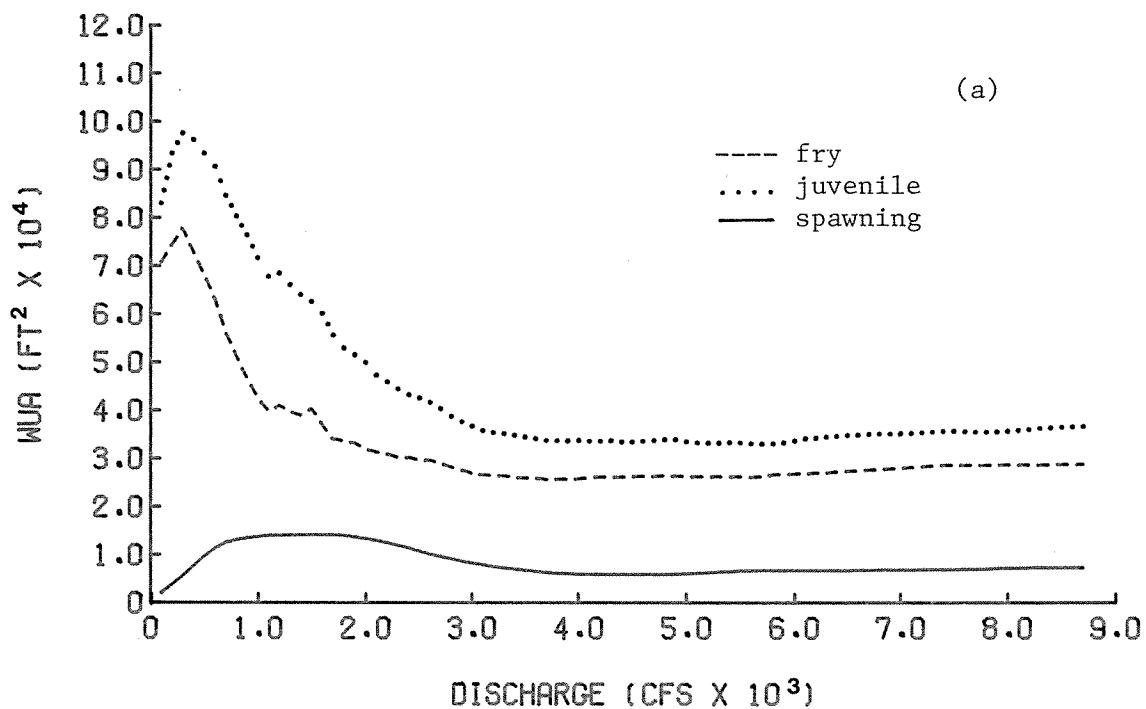


Figure 57. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 1 in the Skagit River.

## REACH 2 - DOLLY VARDEN

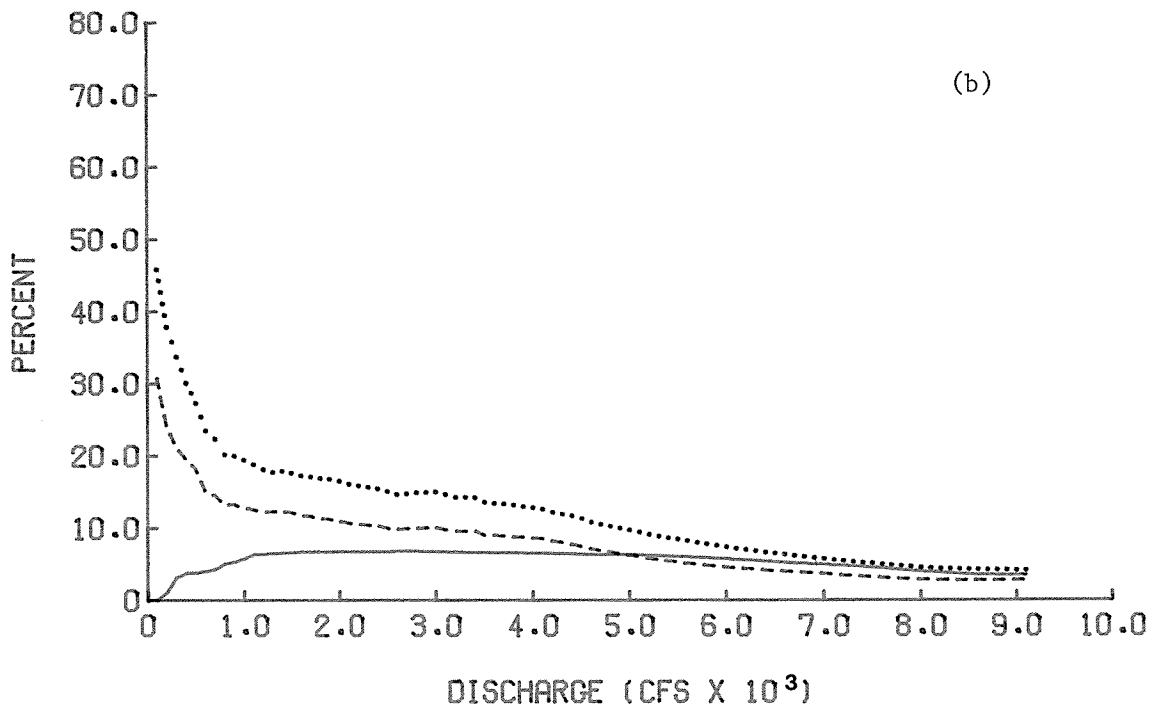
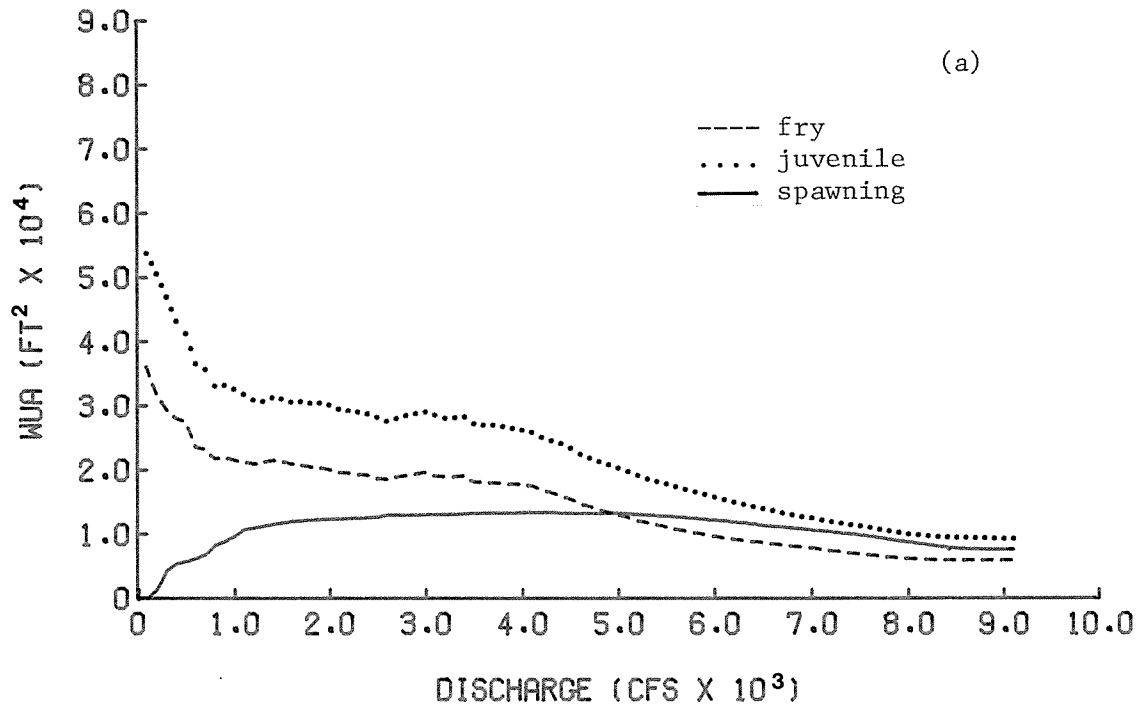


Figure 58. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 2 in the Skagit River.

## REACH 3 - DOLLY VARDEN

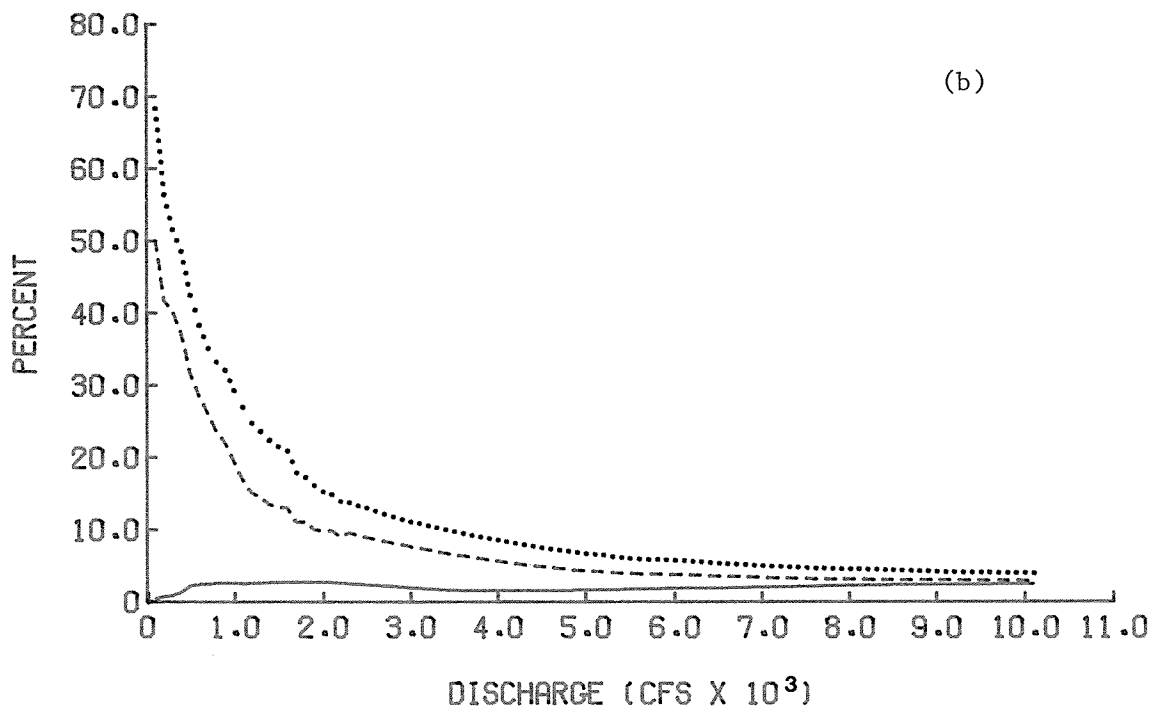
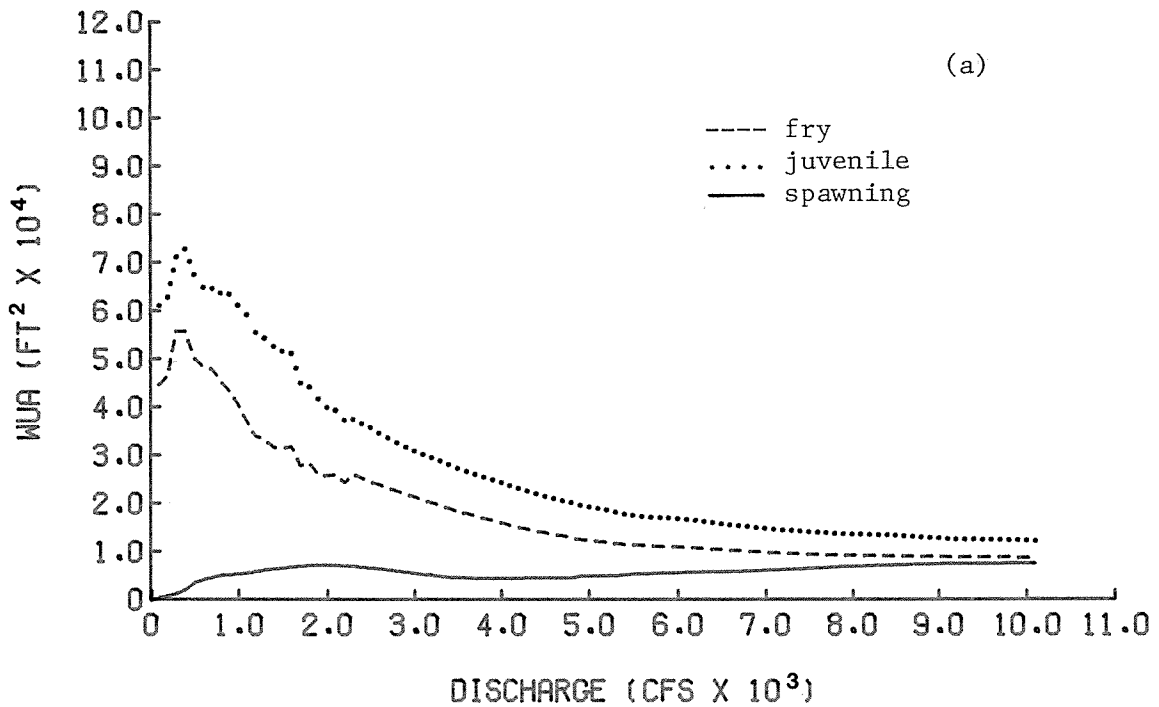


Figure 59. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 3 in the Skagit River.

## REACH 4 - DOLLY VARDEN

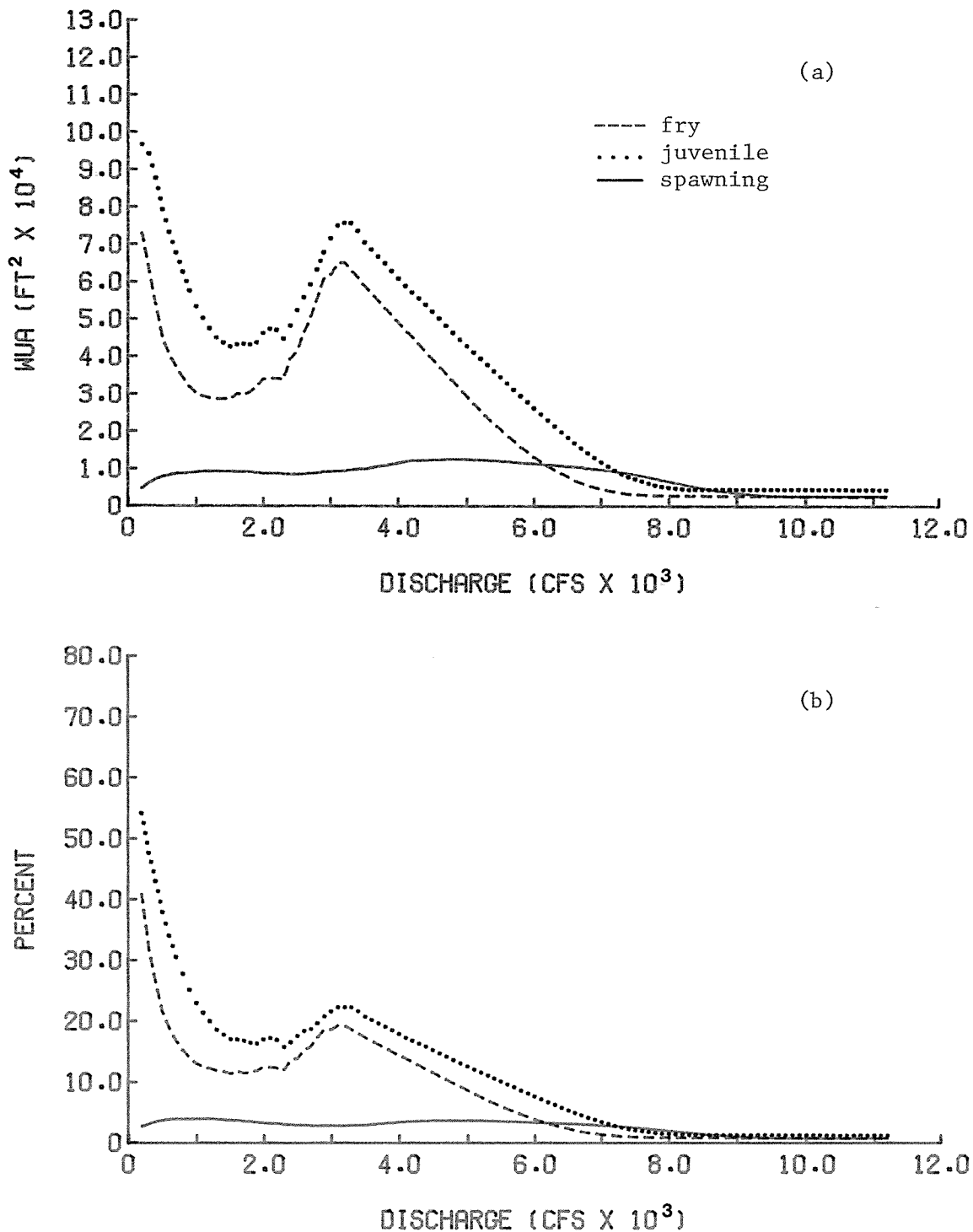


Figure 60. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 4 in the Skagit River.

REACH 5 - DOLLY VARDEN

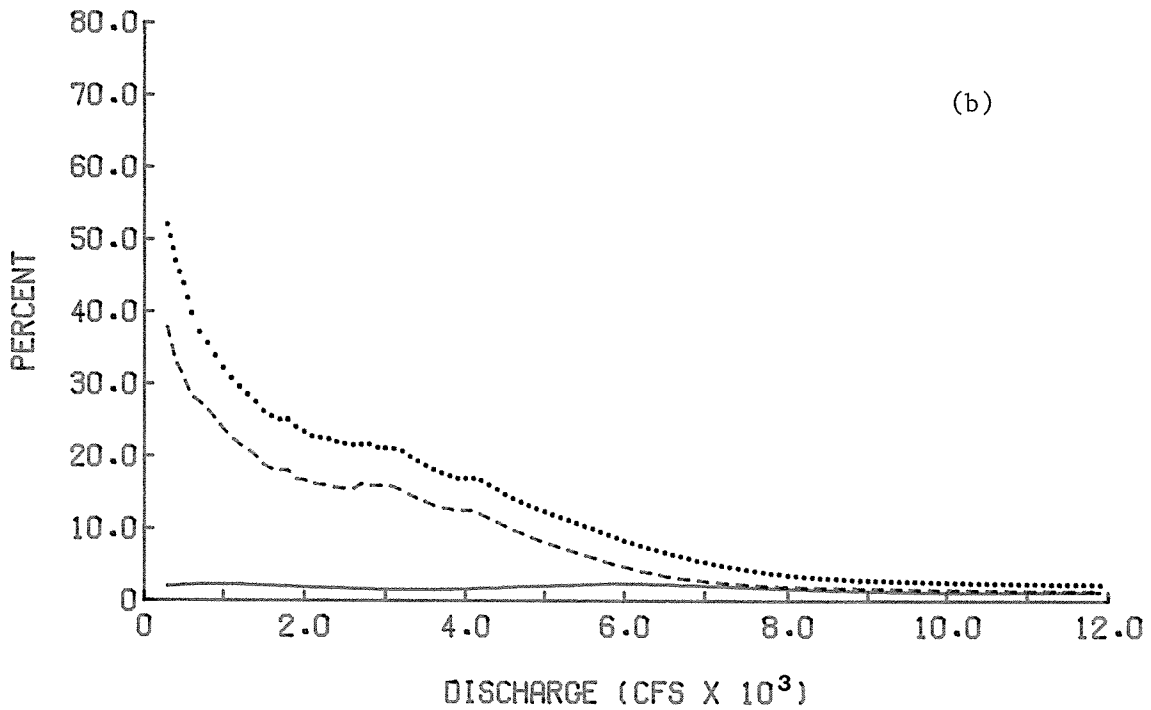
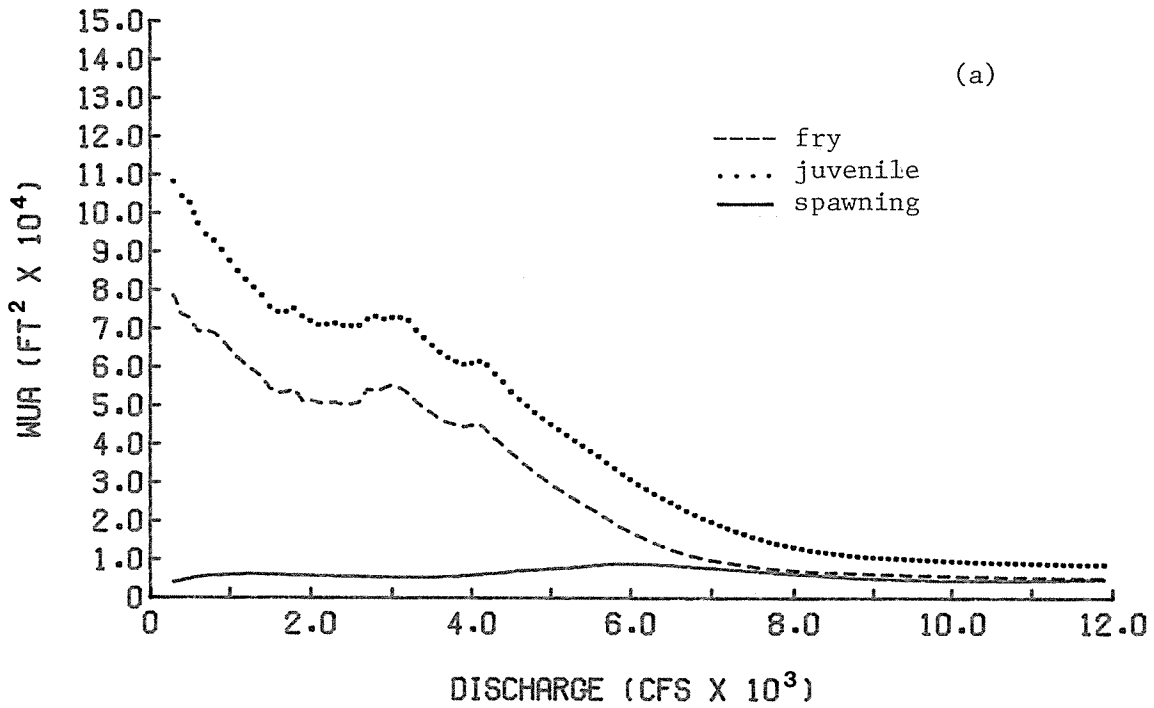


Figure 61. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 5 in the Skagit River.

## REACH 7 - DOLLY VARDEN

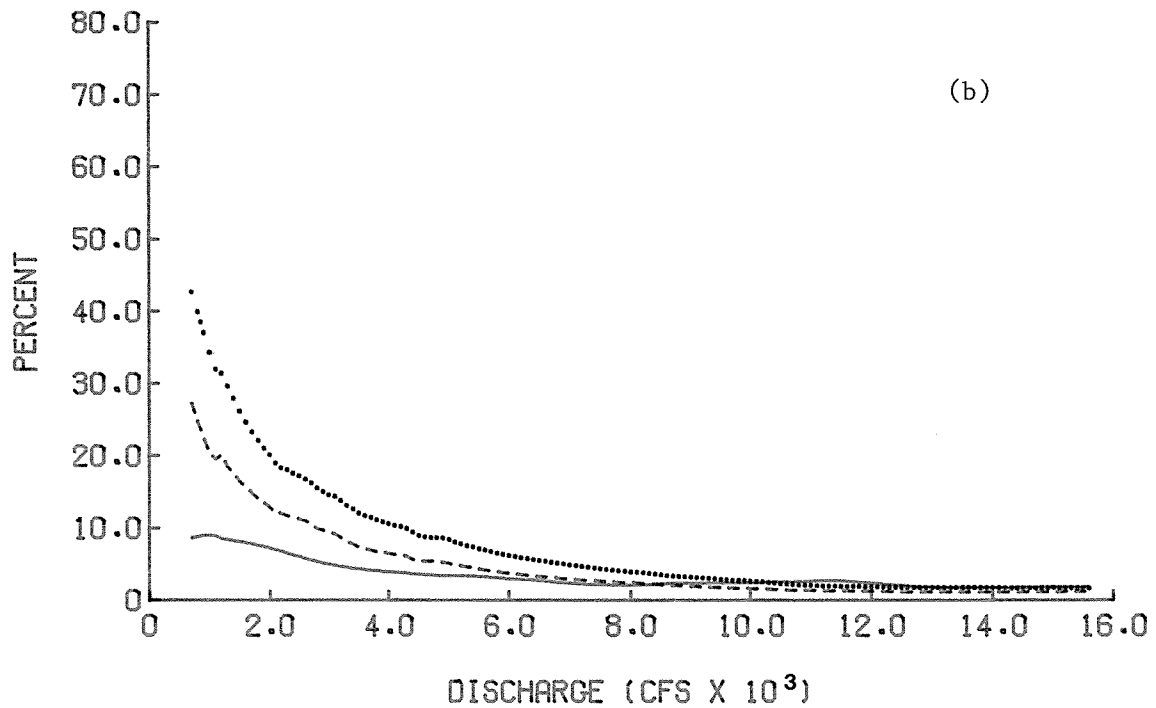
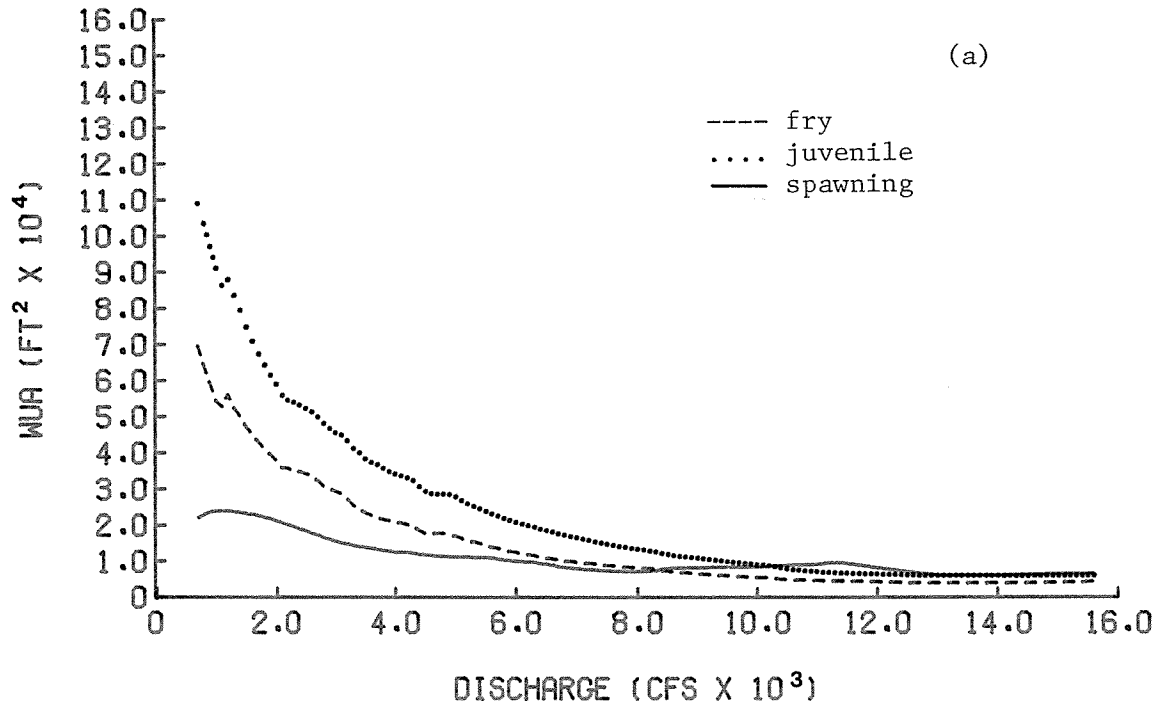


Figure 62. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 7 in the Skagit River.

## REACH 8 - DOLLY VARDEN

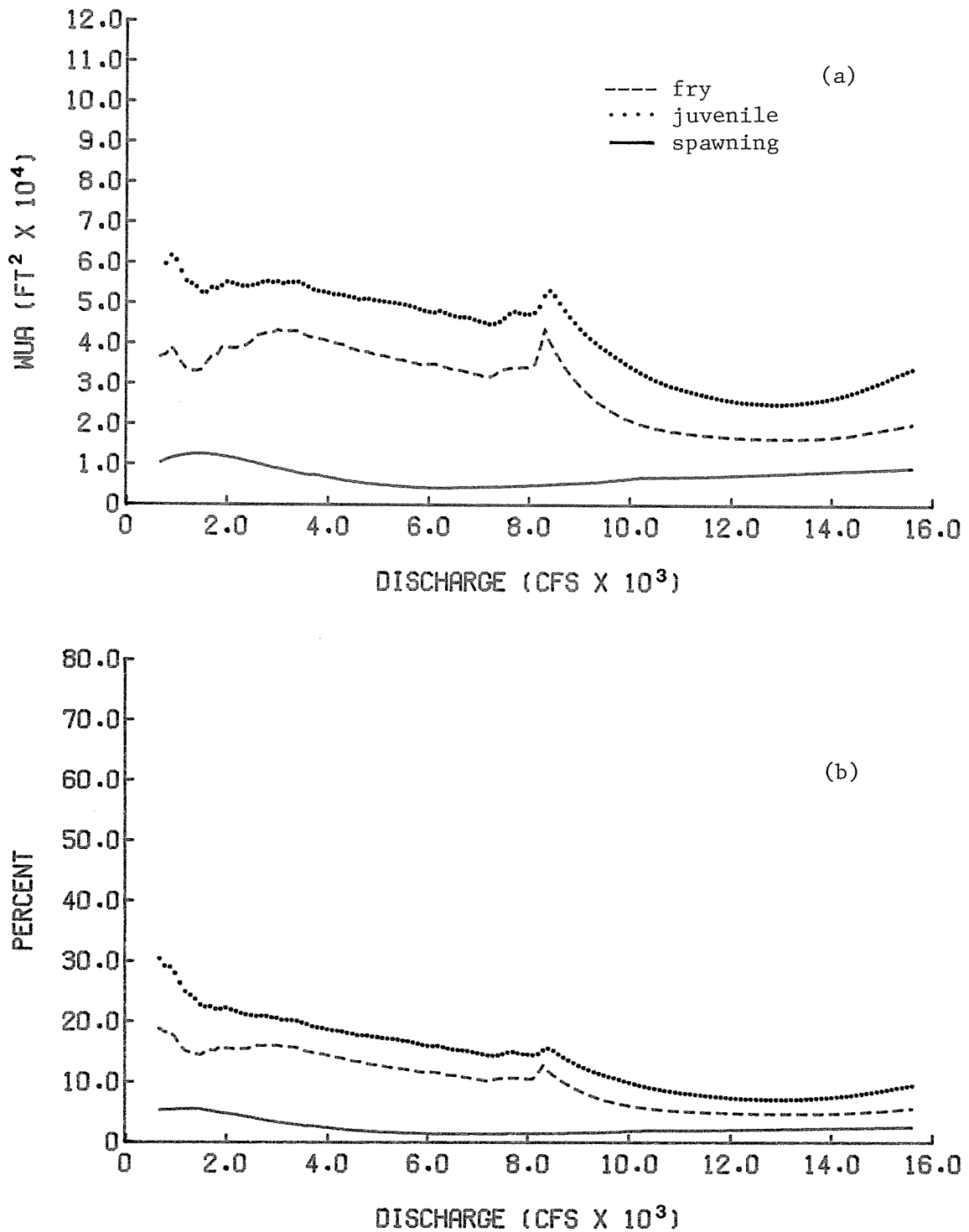
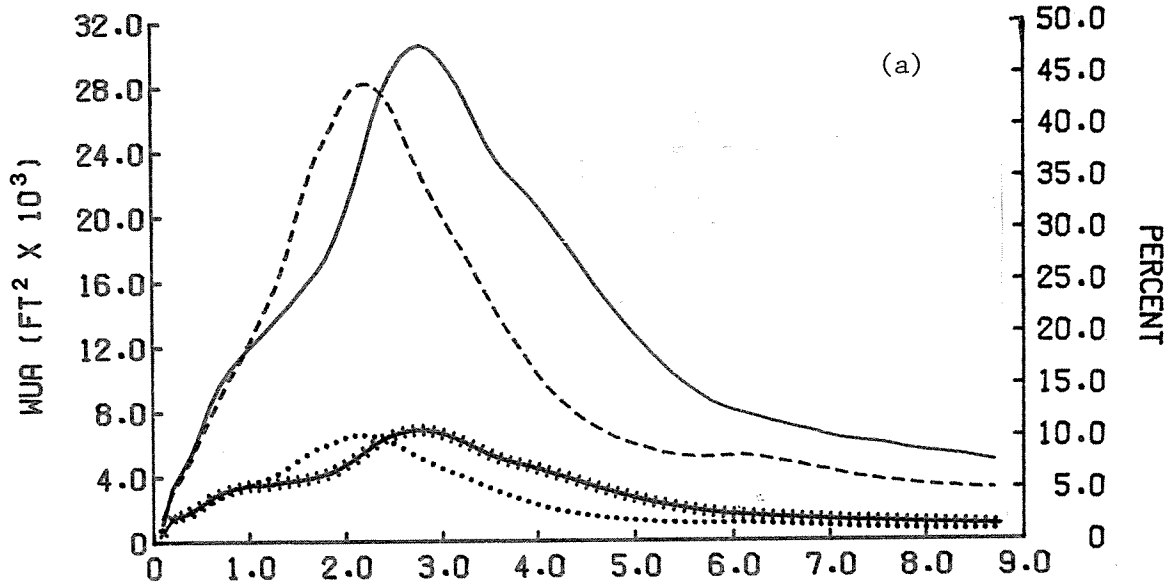


Figure 63. WUA in ft<sup>2</sup> per 1000 ft of river (a) and percentage of the gross stream surface area (b) as a function of discharge (cfs) for Dolly Varden char fry, juvenile and spawning life stages at reach 8 in the Skagit River.

APPENDIX D

REACH 1 - CHINOOK SALMON



REACH 1 - PINK SALMON

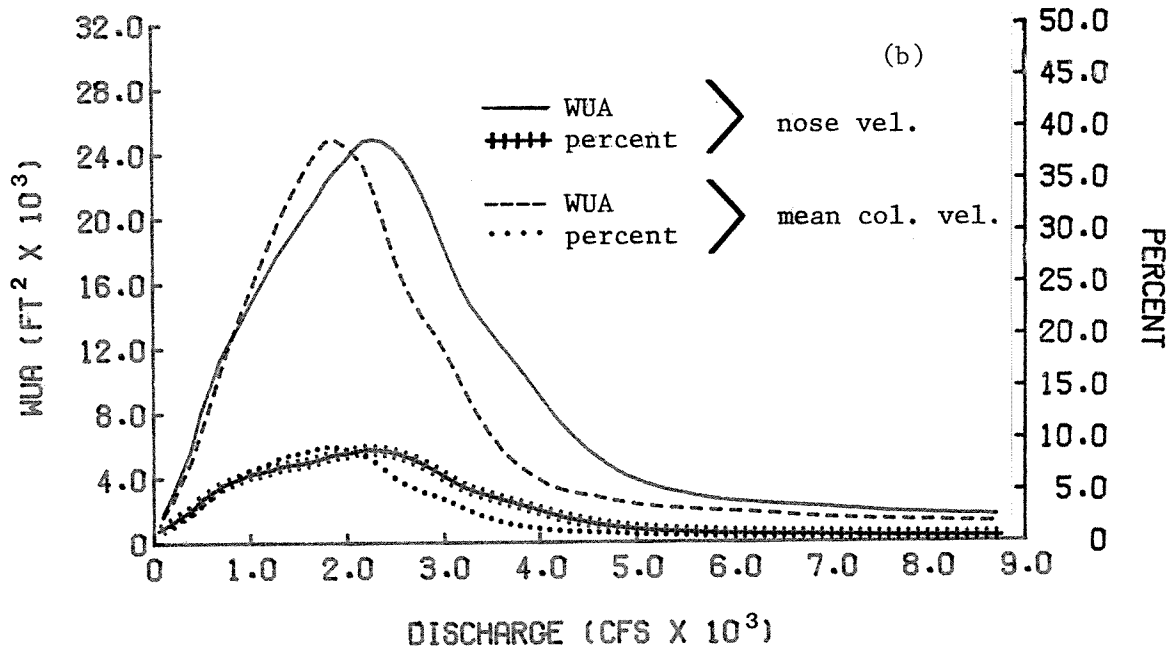
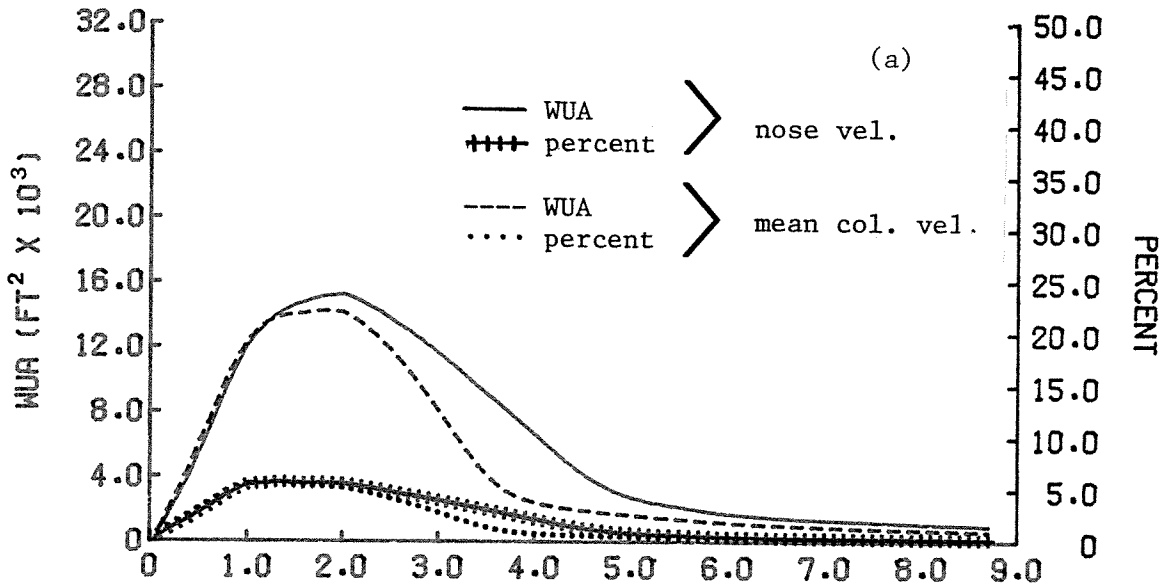


Figure 1. Comparison of WUA in  $ft^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 1 in the Skagit River.

REACH 1 - CHUM SALMON



REACH 1 - STEELHEAD TROUT

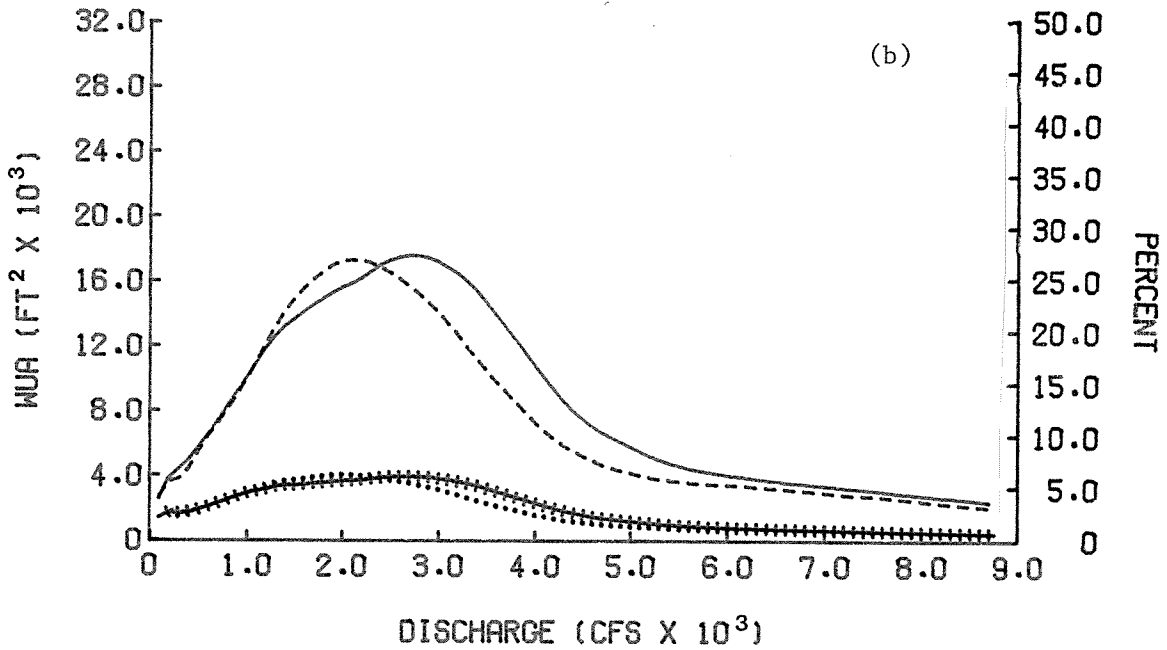


Figure 2. Comparison of WUA in ft<sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 1 in the Skagit River.

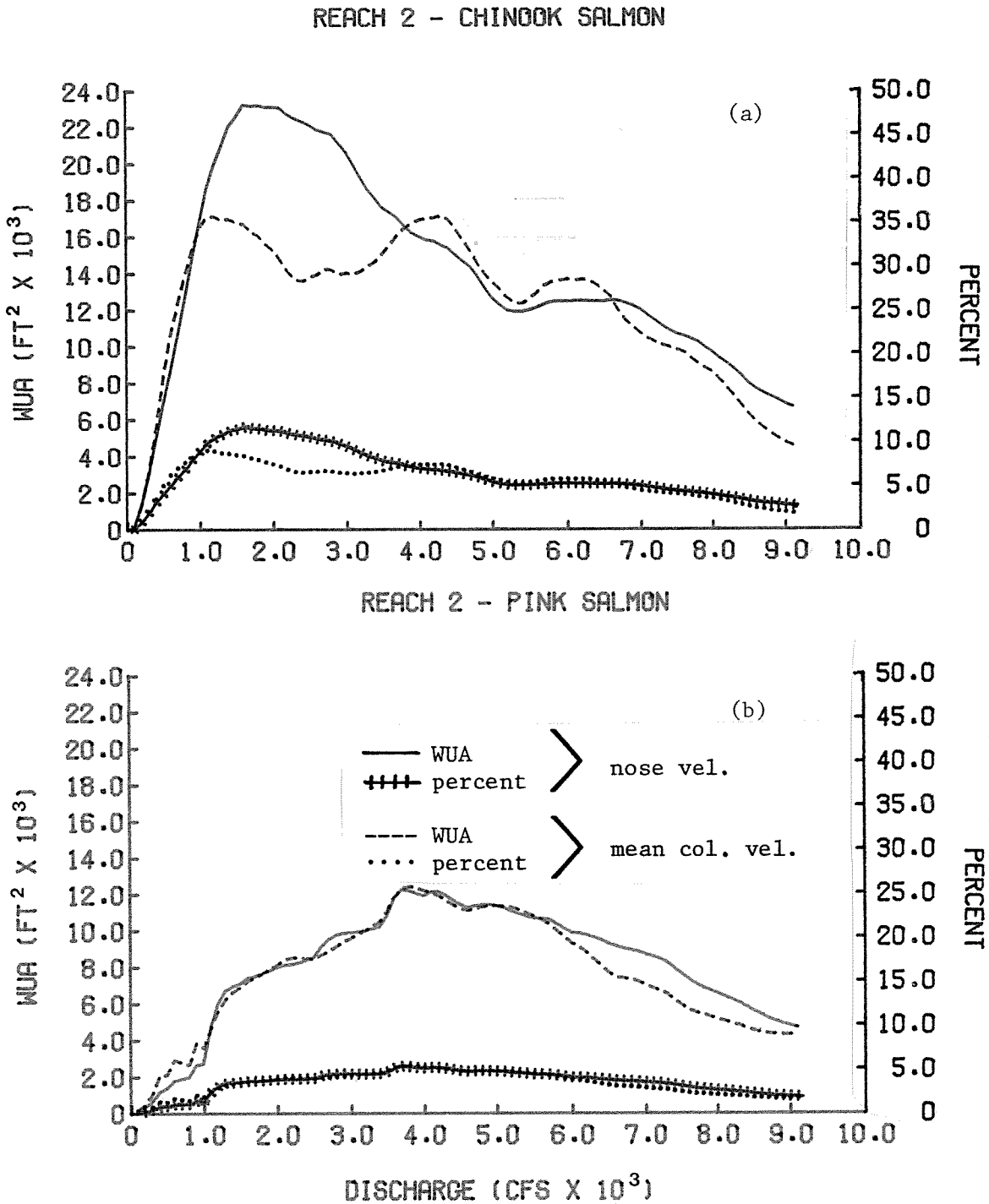
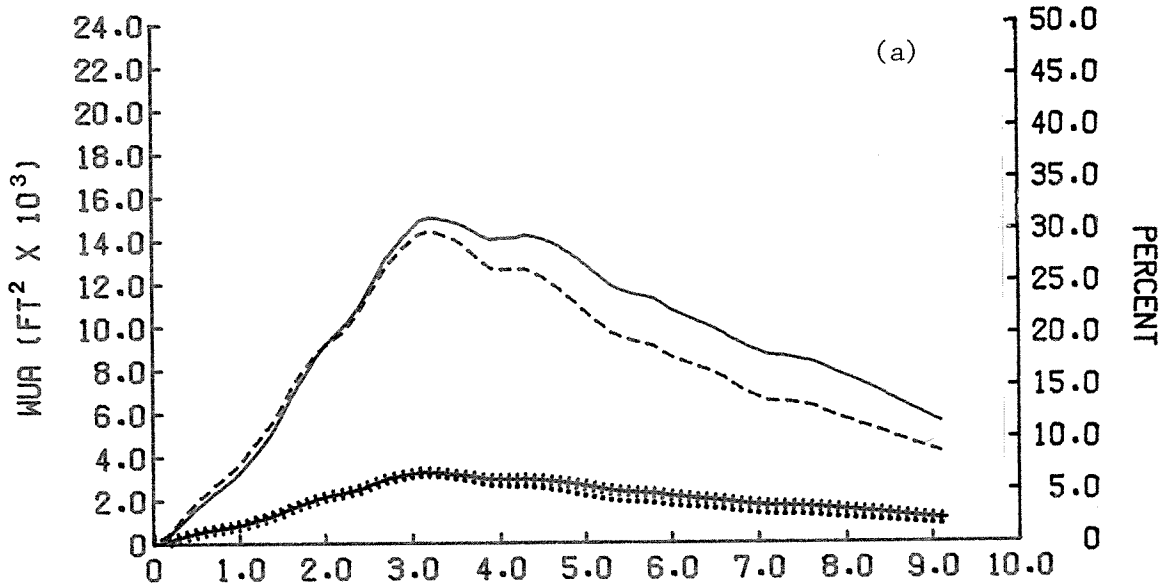


Figure 3. Comparison of WUA in  $ft^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 2 in the Skagit River.

REACH 2 - CHUM SALMON



REACH 2 - STEELHEAD TROUT

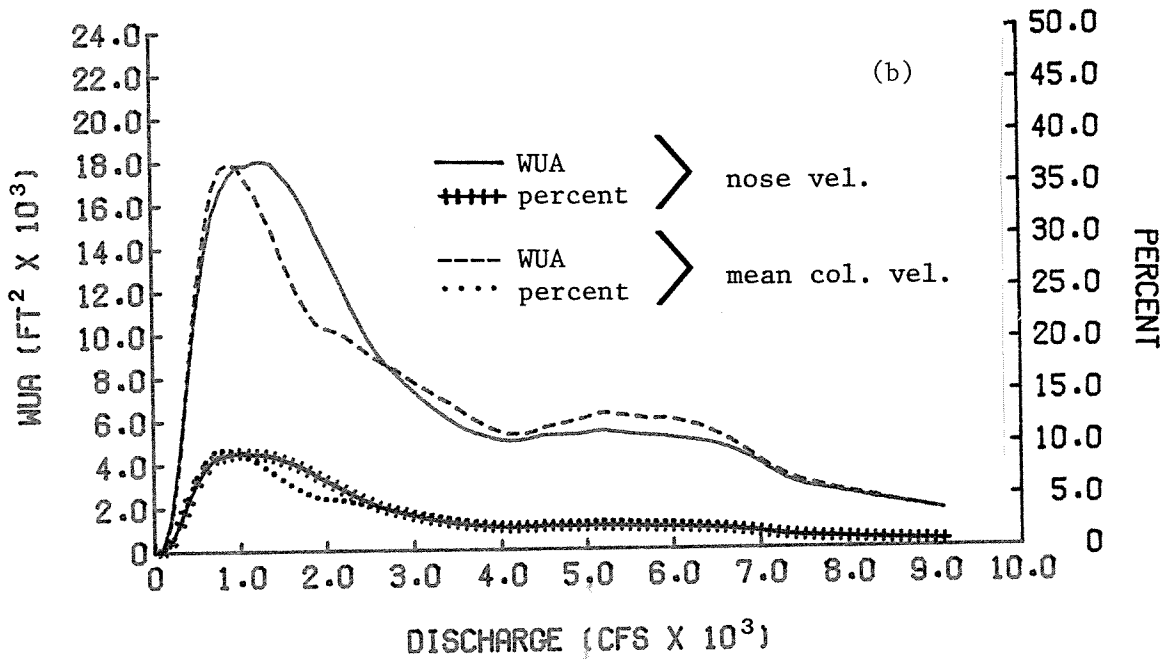
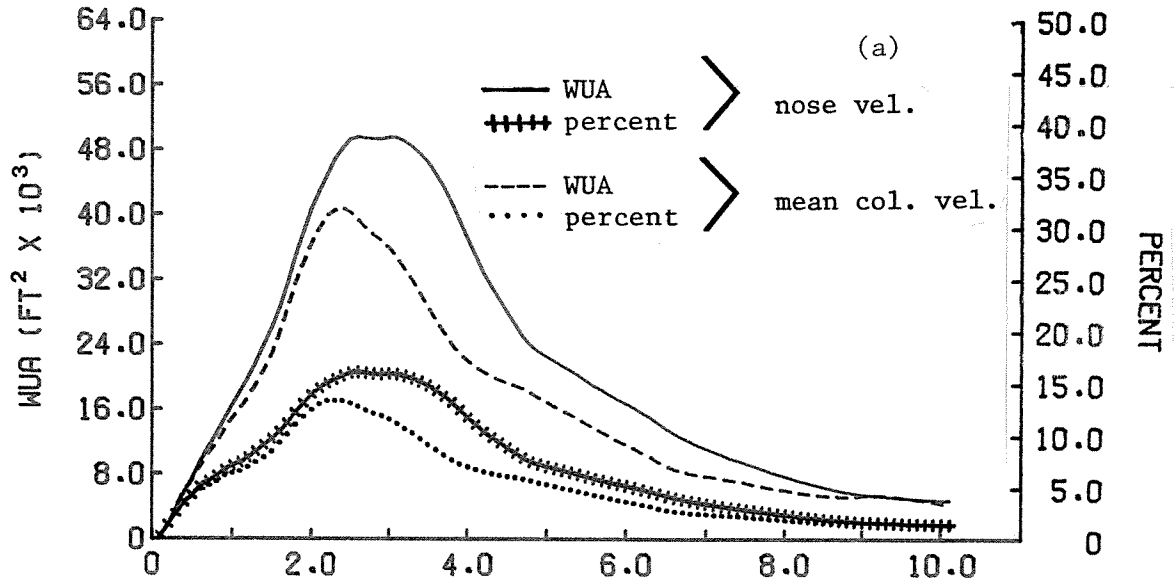


Figure 4. Comparison of WUA in  $ft^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 2 in the Skagit River.

REACH 3 - CHINOOK SALMON



REACH 3 - PINK SALMON

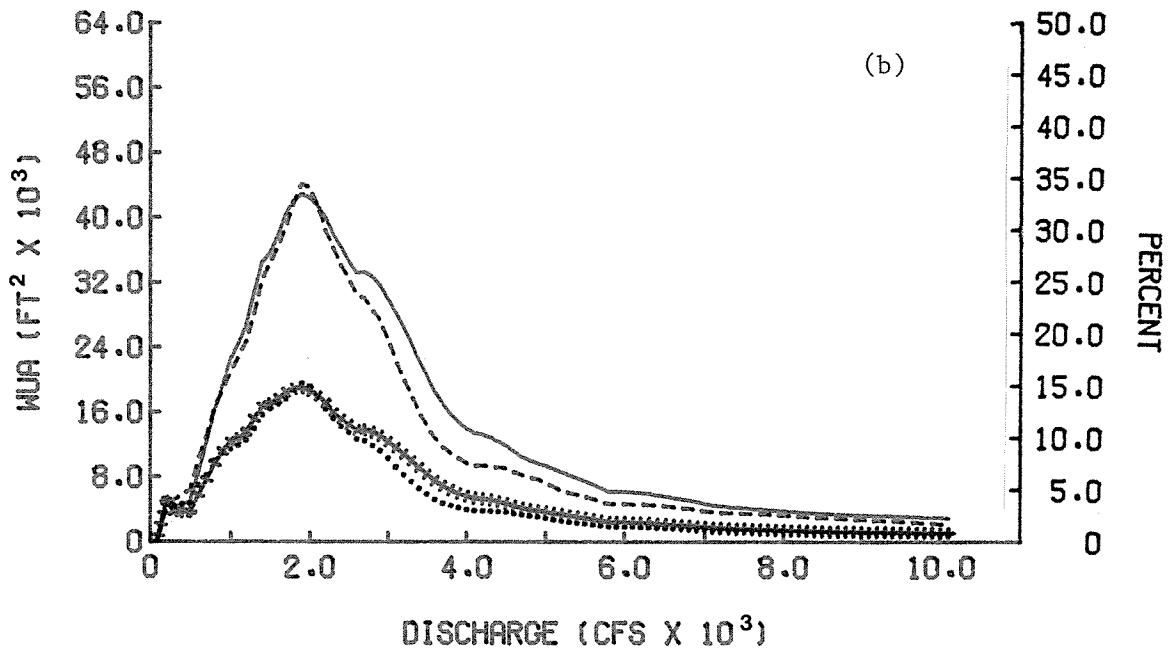
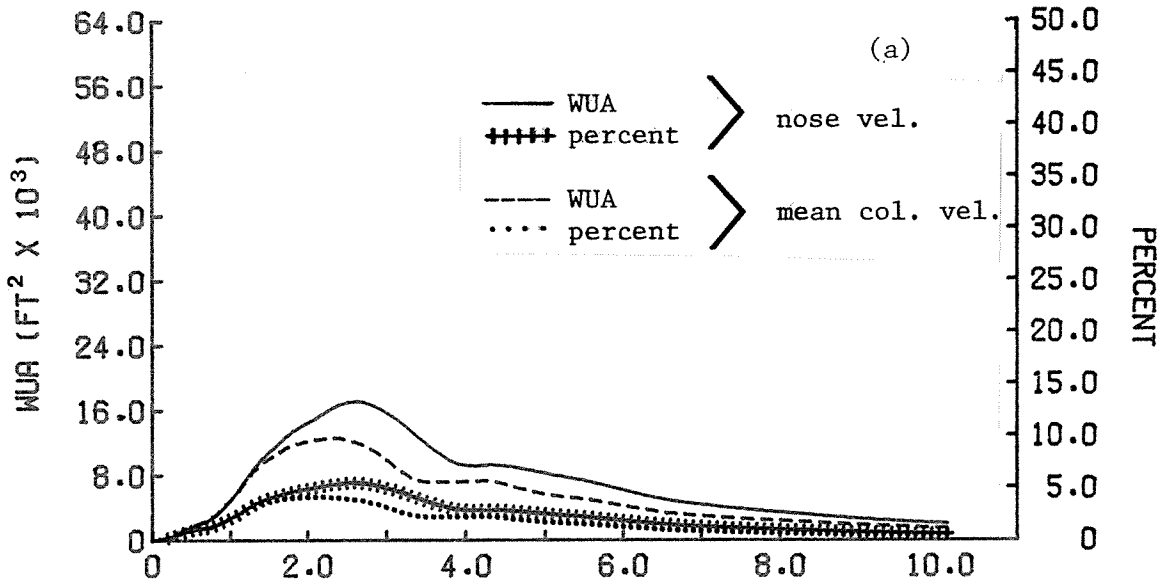


Figure 5. Comparison of WUA in ft<sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 3 in the Skagit River.

REACH 3 - CHUM SALMON



REACH 3 - STEELHEAD TROUT

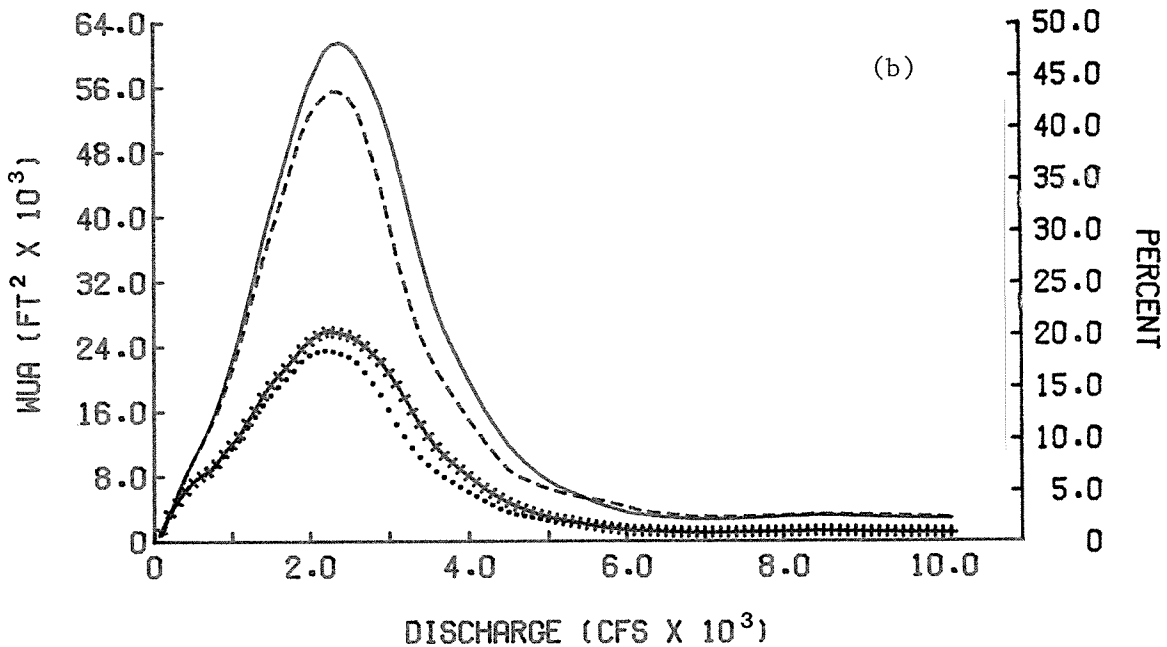


Figure 6 . Comparison of WUA in ft<sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 3 in the Skagit River.

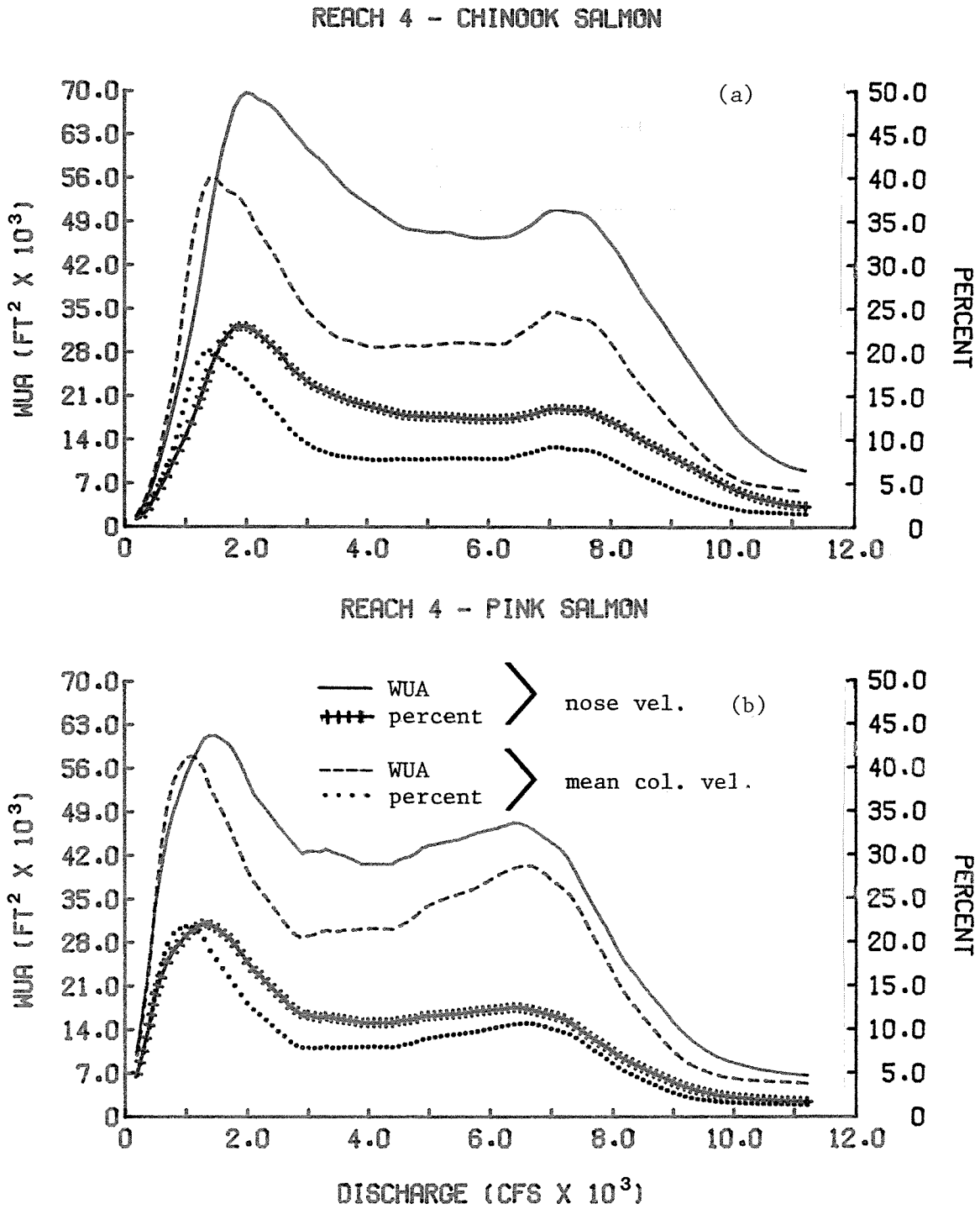


Figure 7. Comparison of WUA in  $\text{ft}^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 4 in the Skagit River.

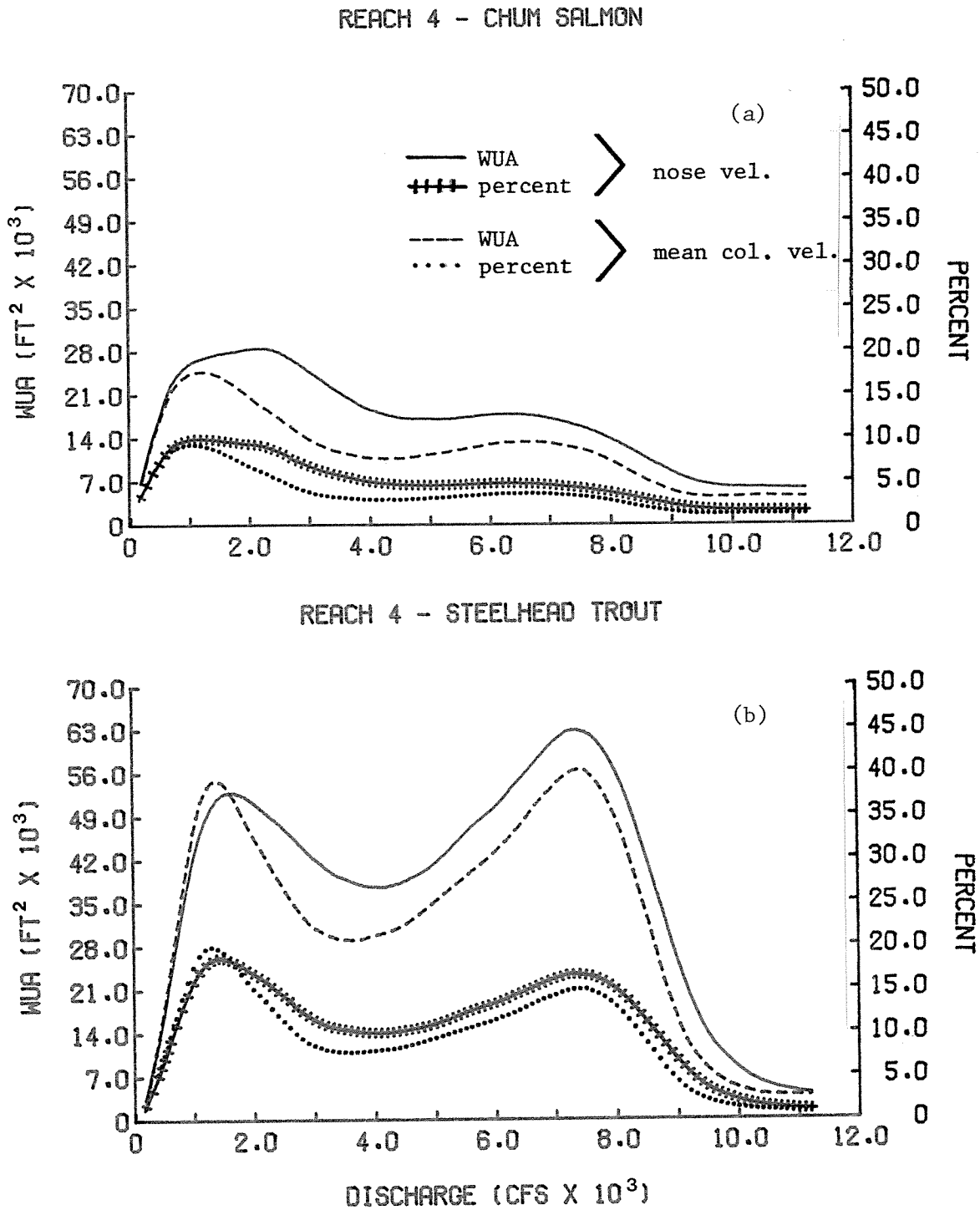
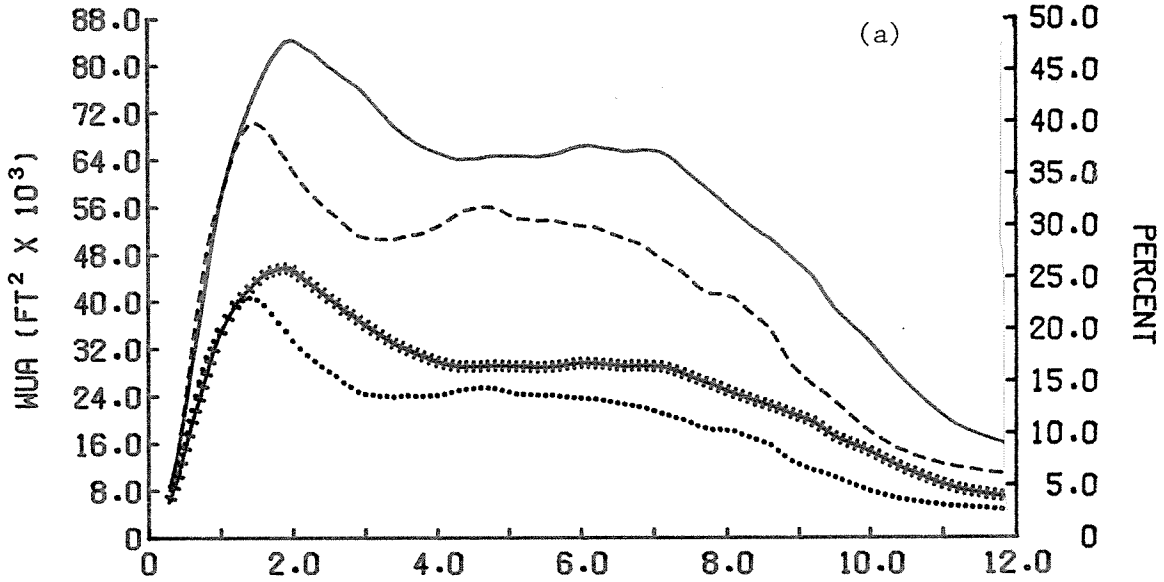


Figure 8. Comparison of WUA in  $\text{ft}^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 4 in the Skagit River.

REACH 5 - CHINOOK SALMON



REACH 5 - PINK SALMON

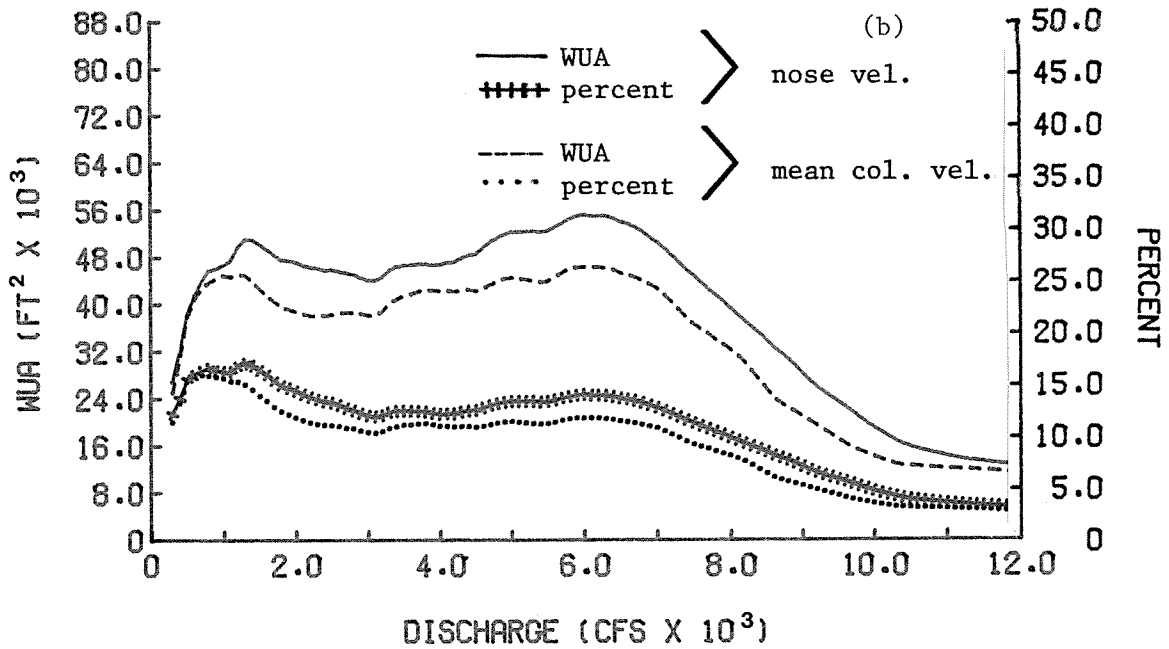
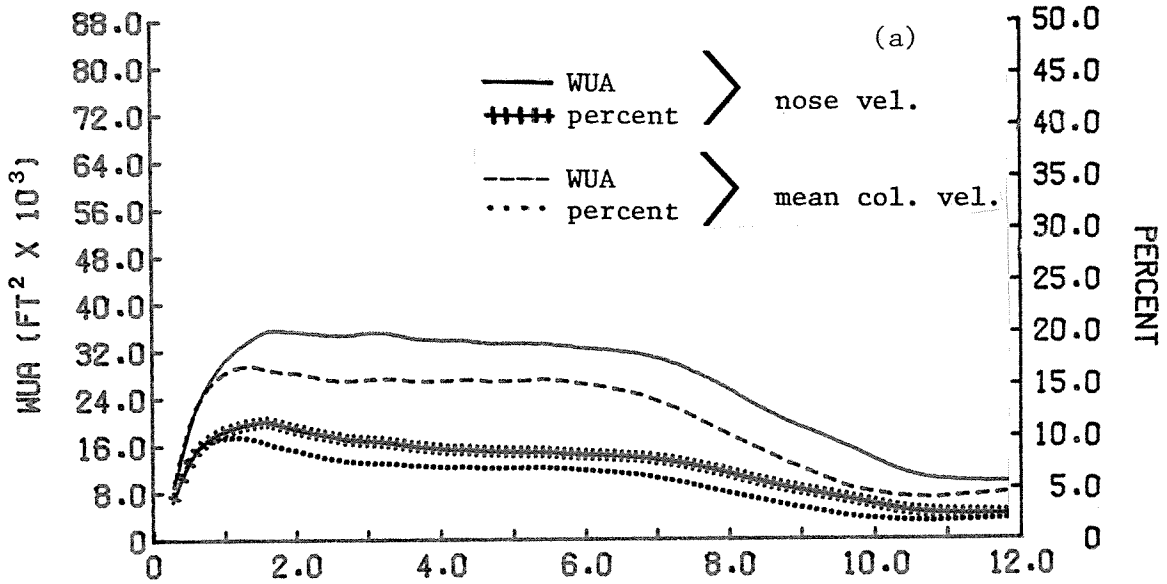


Figure 9 . Comparison of WUA in  $ft^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 5 in the Skagit River.

REACH 5 - CHUM SALMON



REACH 5 - STEELHEAD TROUT

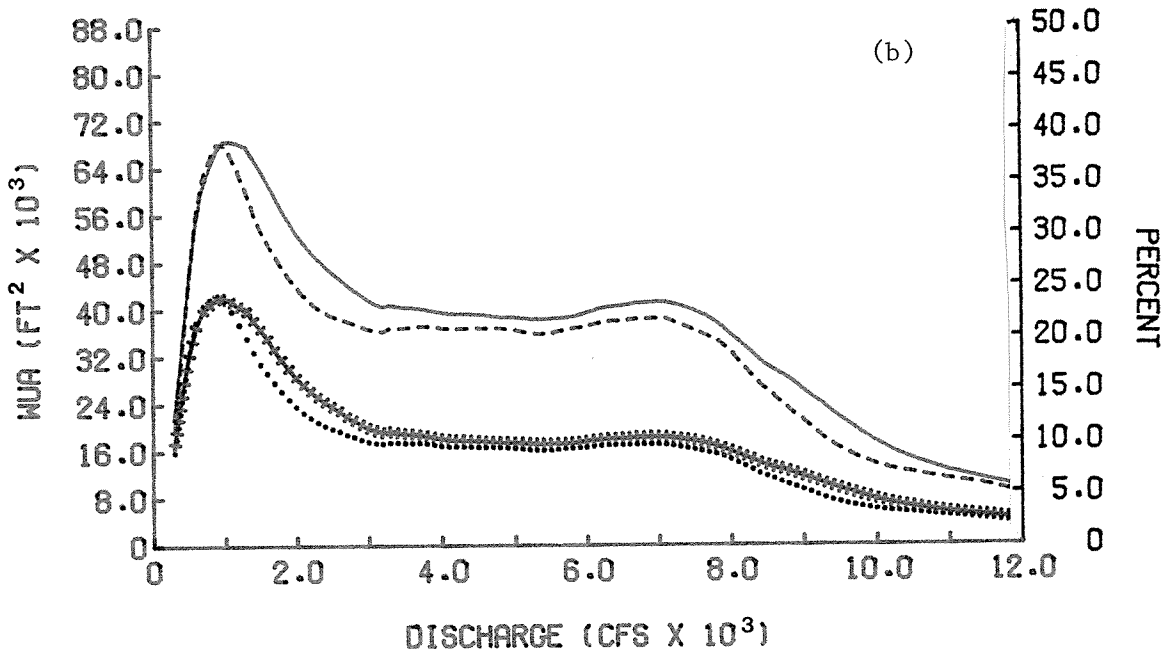


Figure 10. Comparison of WUA in  $\text{ft}^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 5 in the Skagit River.

## REACH 6 - CHUM SALMON

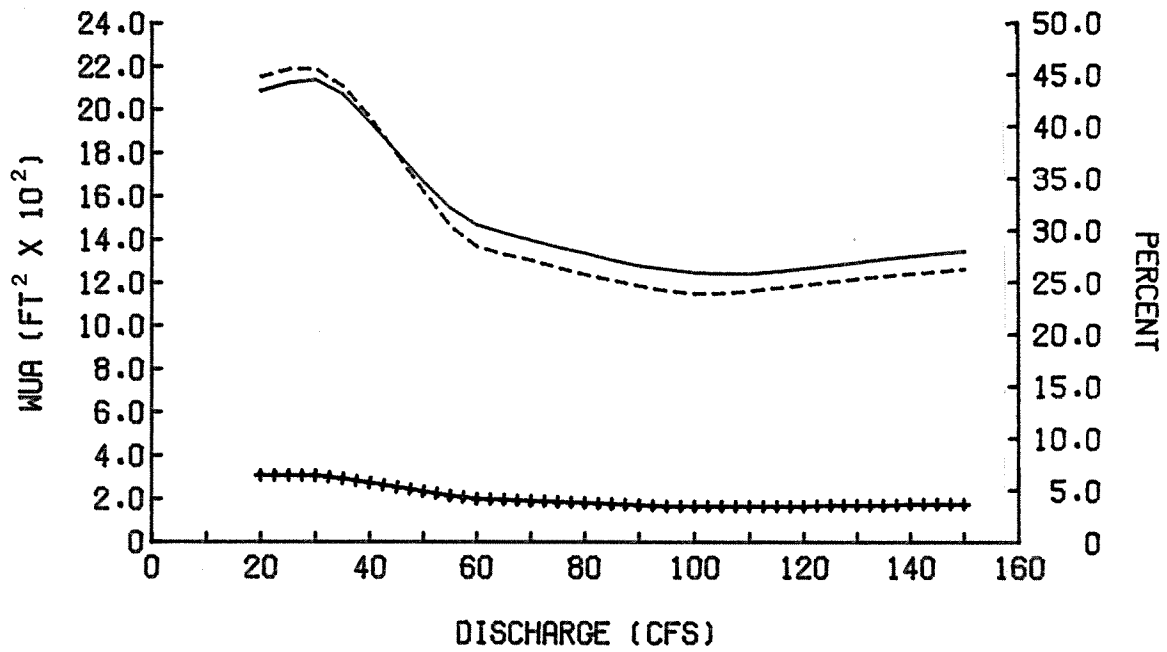
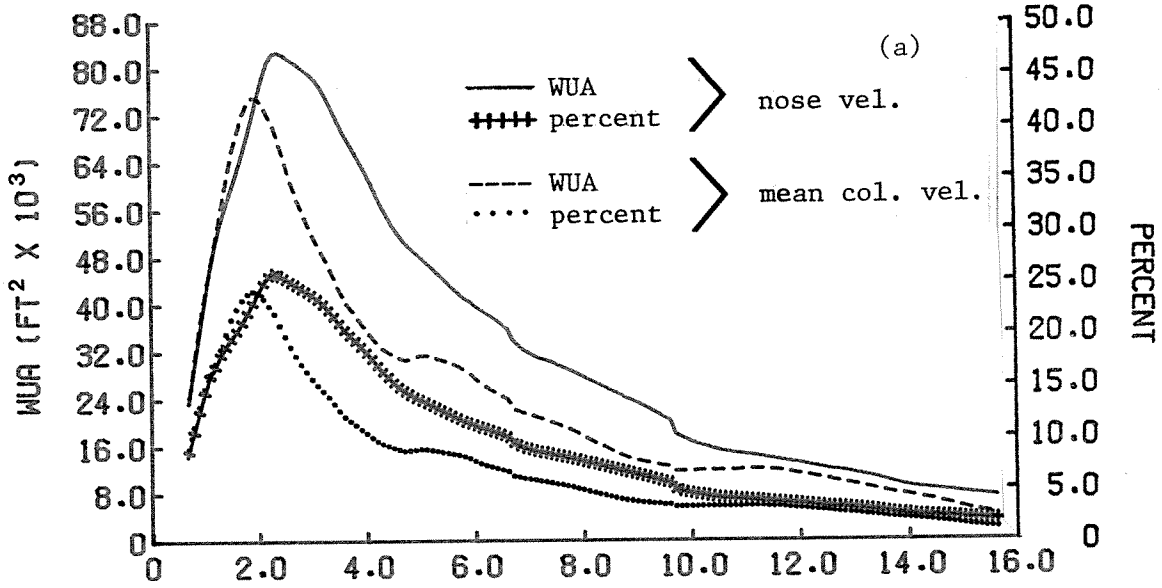


Figure 11. Comparison of WUA in  $\text{ft}^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 6 in the Skagit River.

REACH 7 - CHINOOK SALMON



REACH 7 - PINK SALMON

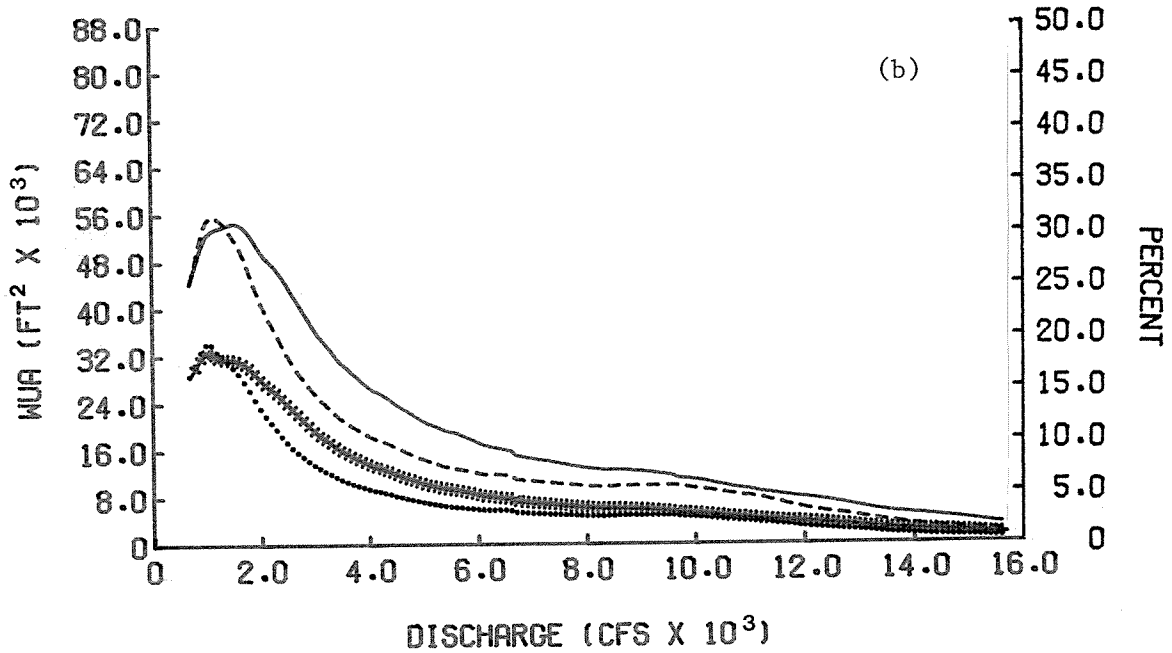
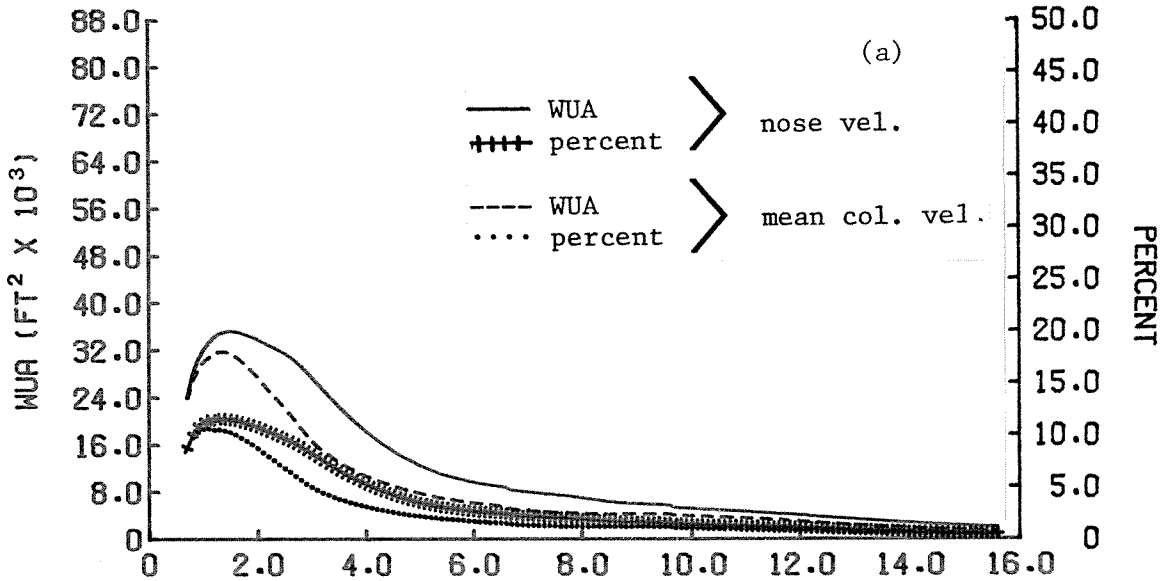


Figure 12. Comparison of WUA in ft<sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 7 in the Skagit River.

REACH 7 - CHUM SALMON



REACH 7 - STEELHEAD TROUT

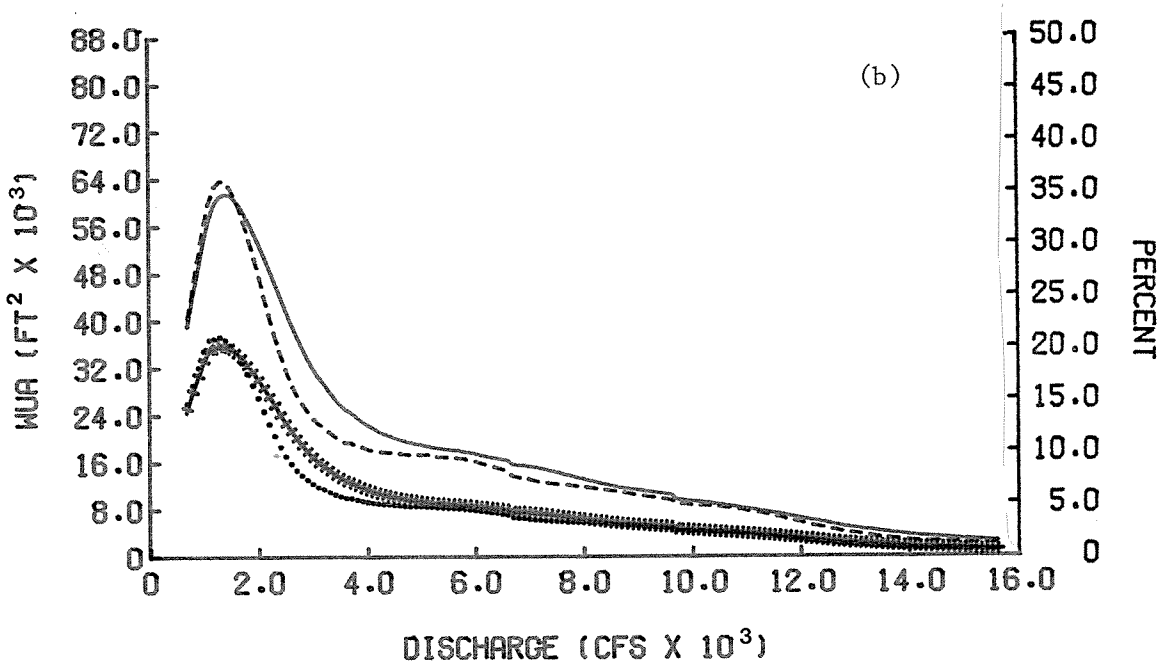


Figure 13. Comparison of WUA in ft<sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 7 in the Skagit River.

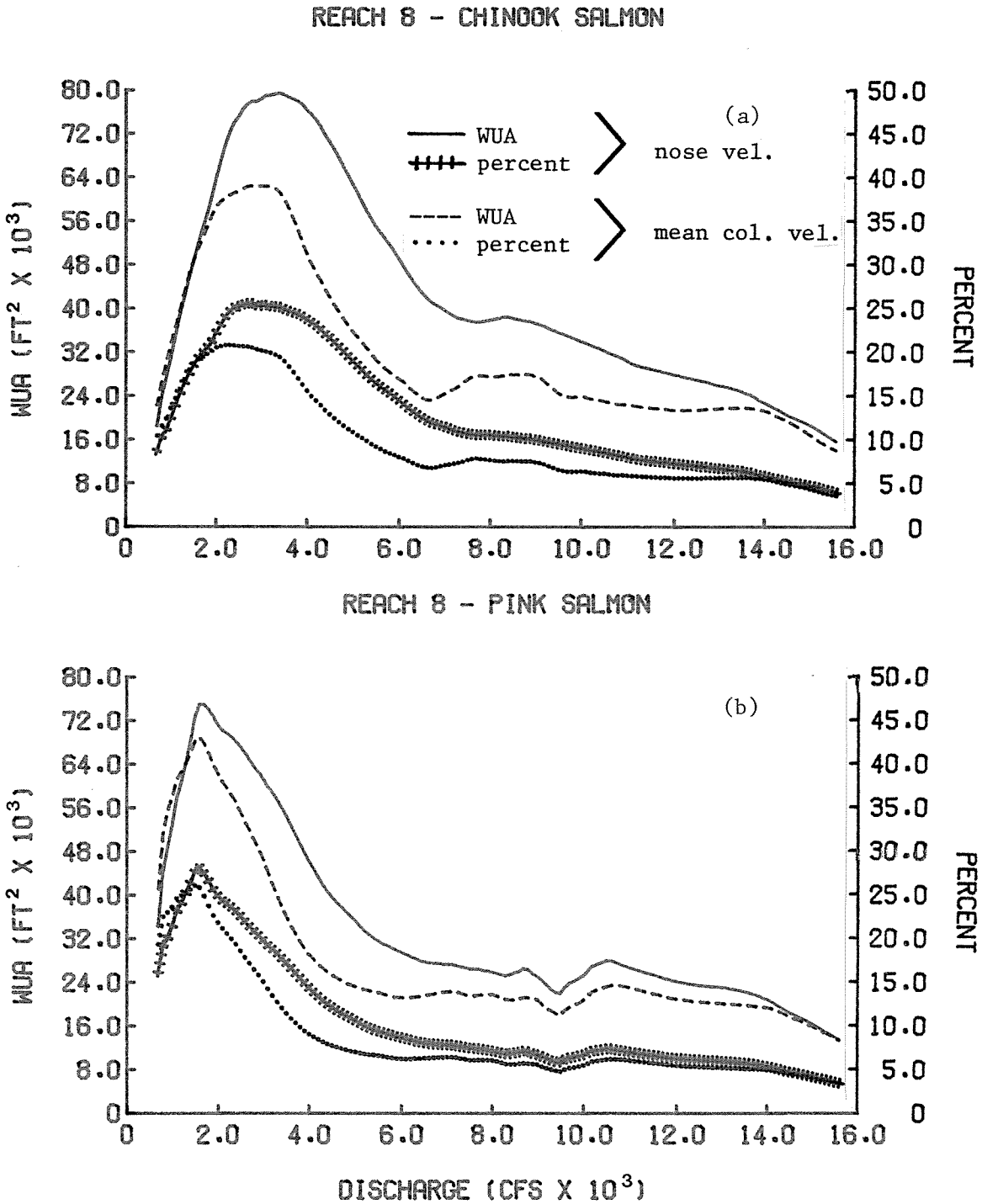


Figure 14. Comparison of WUA in ft<sup>2</sup> per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chinook salmon and (b) pink salmon calculated from nose and mean column velocity spawning criteria at reach 8 in the Skagit River.

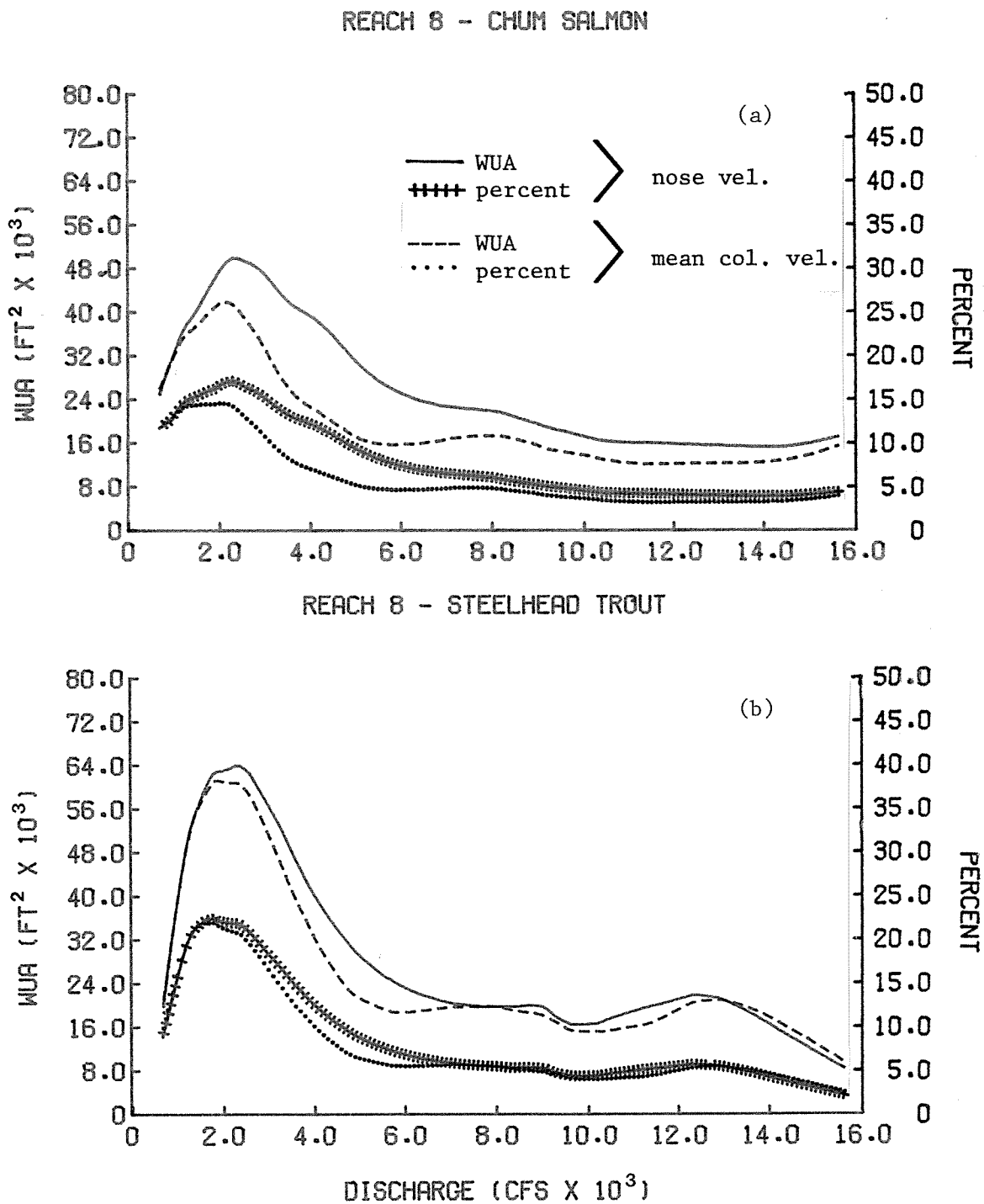


Figure 15. Comparison of WUA in  $\text{ft}^2$  per 1000 ft of river and percentage of the gross stream surface area as a function of discharge (cfs) for (a) chum salmon and (b) steelhead trout calculated from nose and mean column velocity spawning criteria at reach 8 in the Skagit River.

APPENDIX E

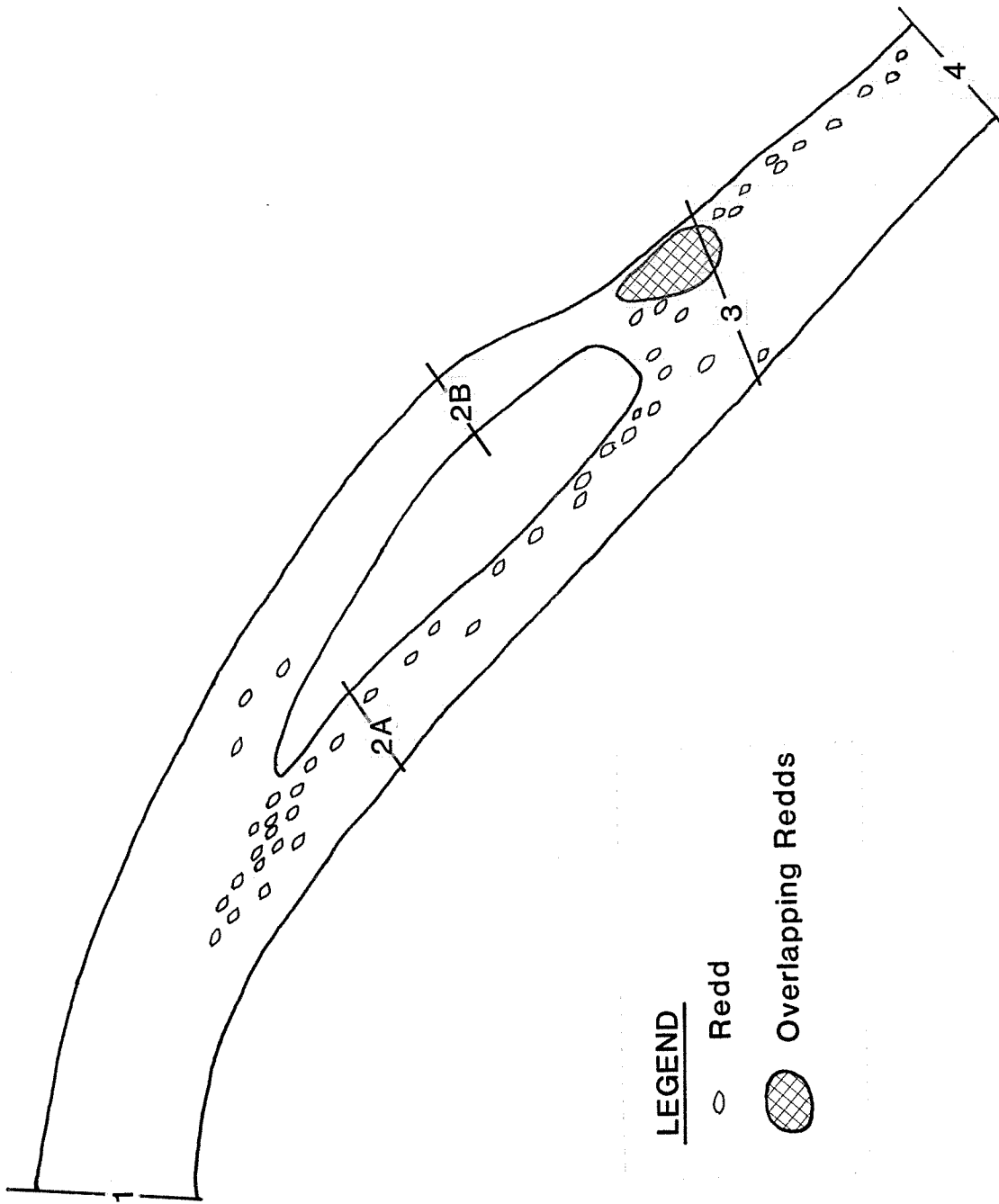


Figure 1. Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Island instream flow study reach number 1 at RM 91.5 on the Skagit River.

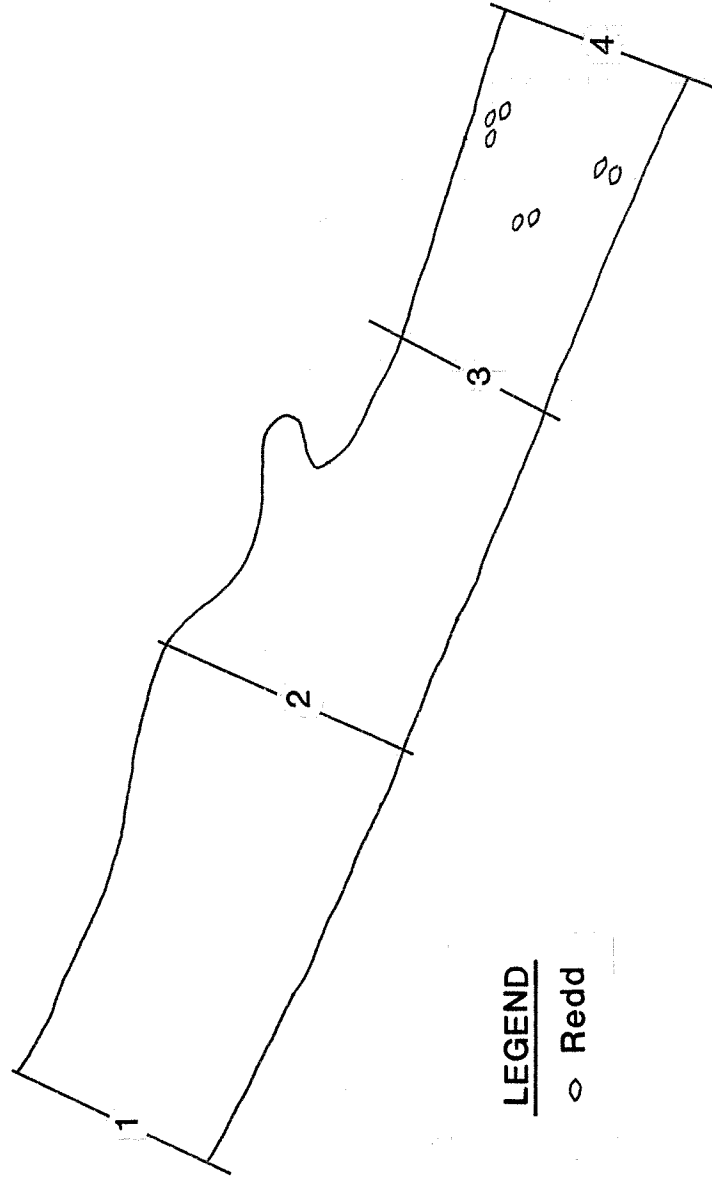


Figure 2. Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Sky Creek instream flow study reach number 2 at RM 88.4 on the Skagit River.

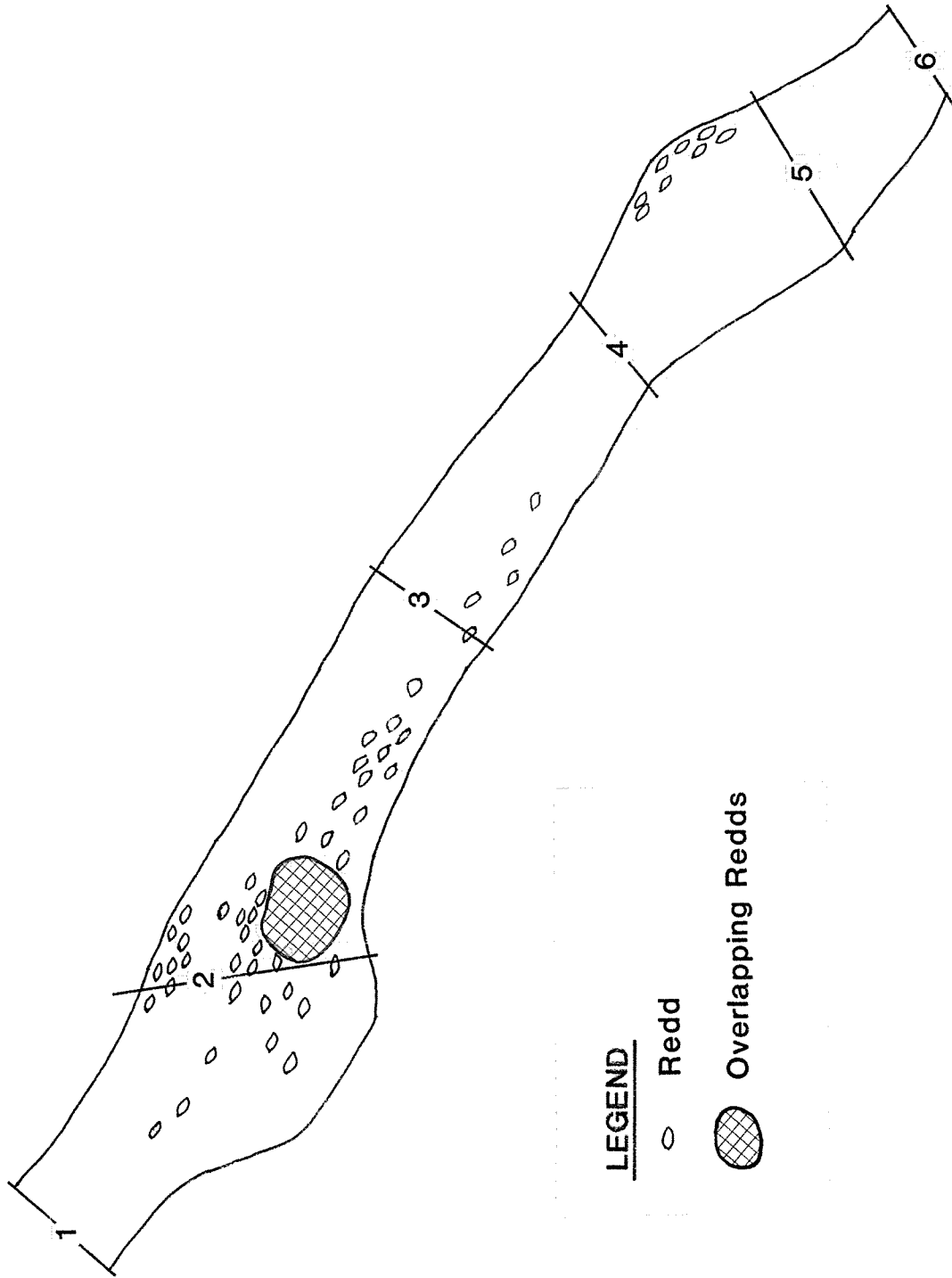


Figure 3. Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Copper Creek instream flow study reach number 3 at RM 83.3 on the Skagit River.

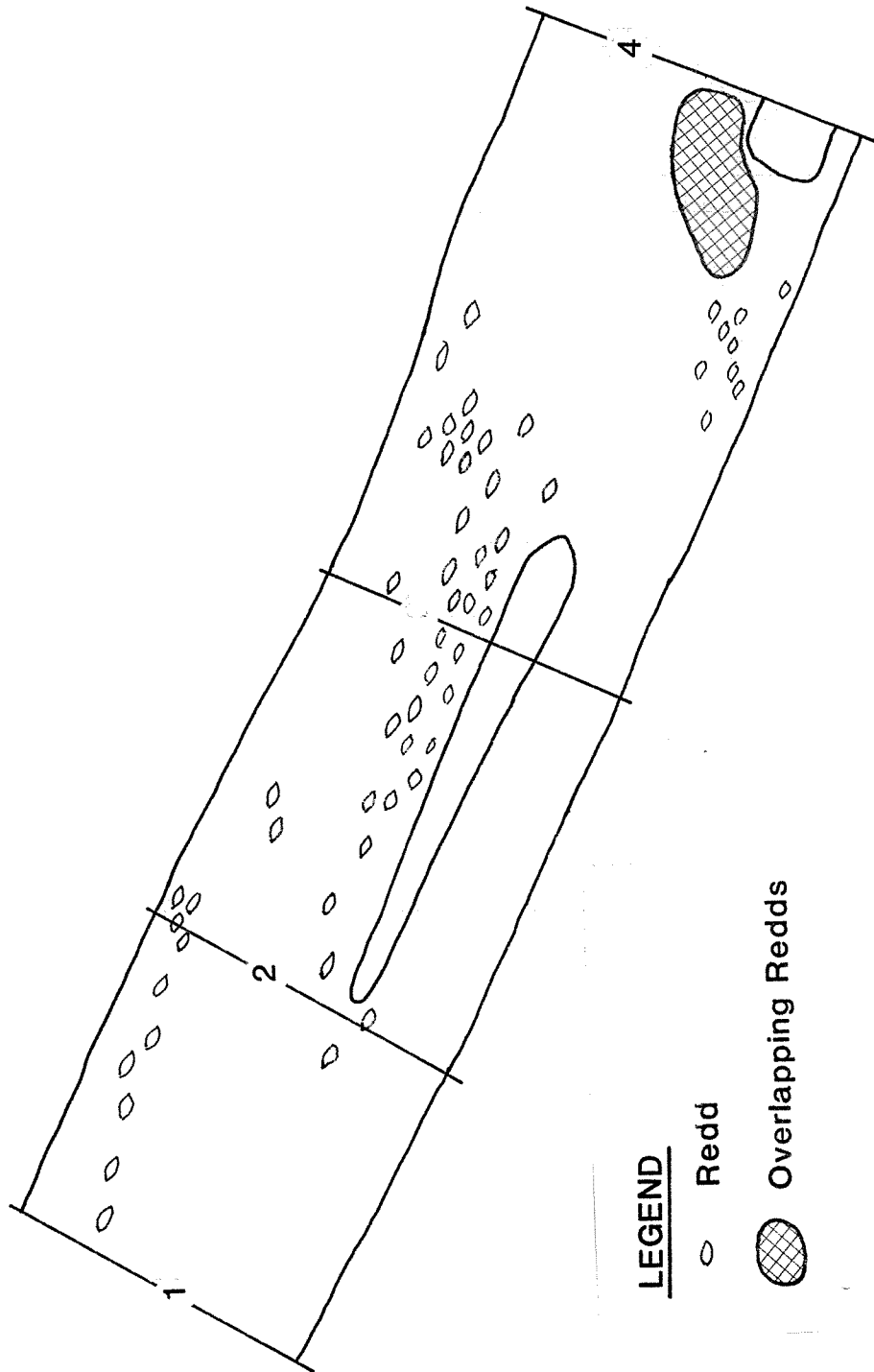


Figure 4. Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Indian Bar instream flow study reach number 4 at RM 82.1 on the Skagit River.

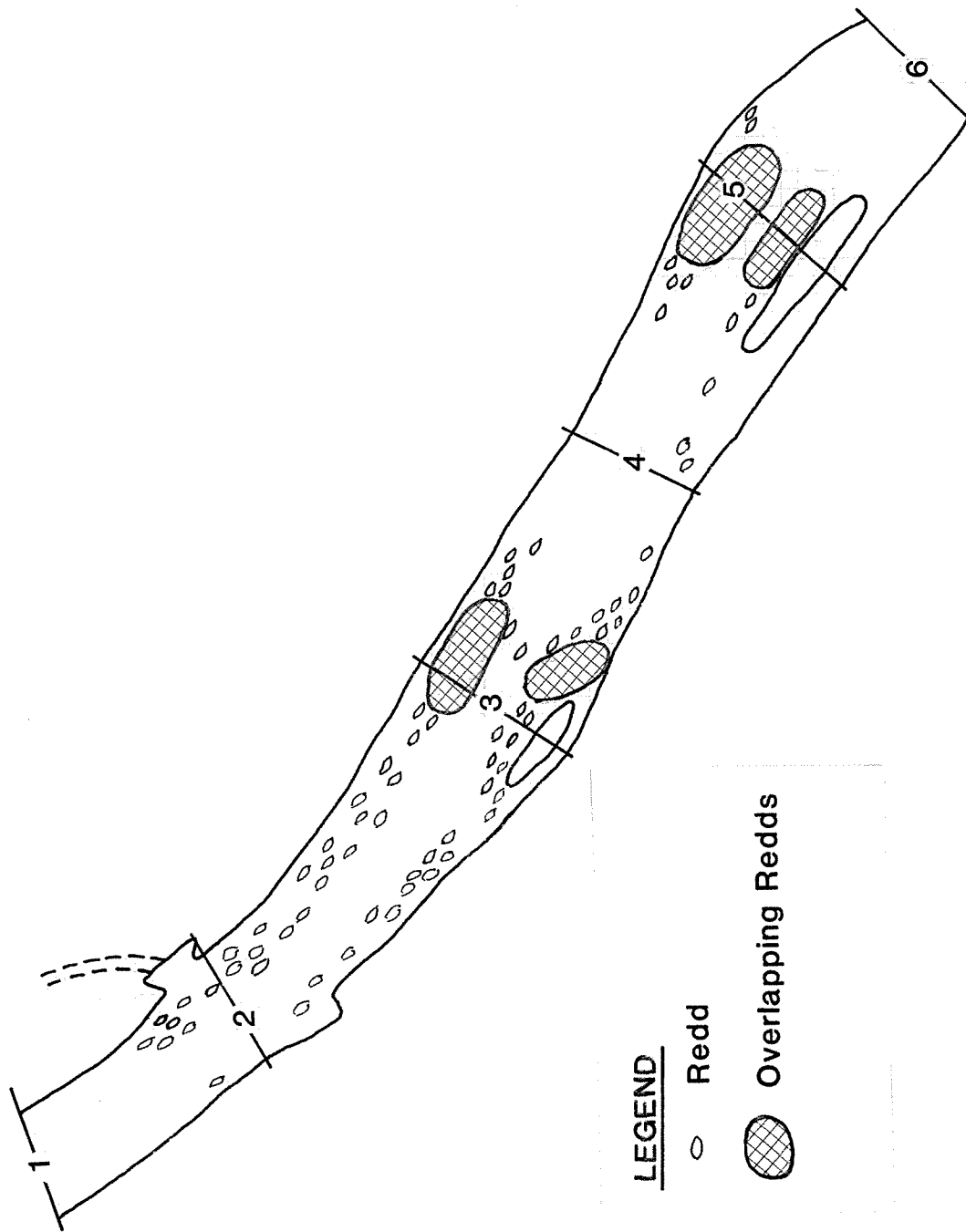
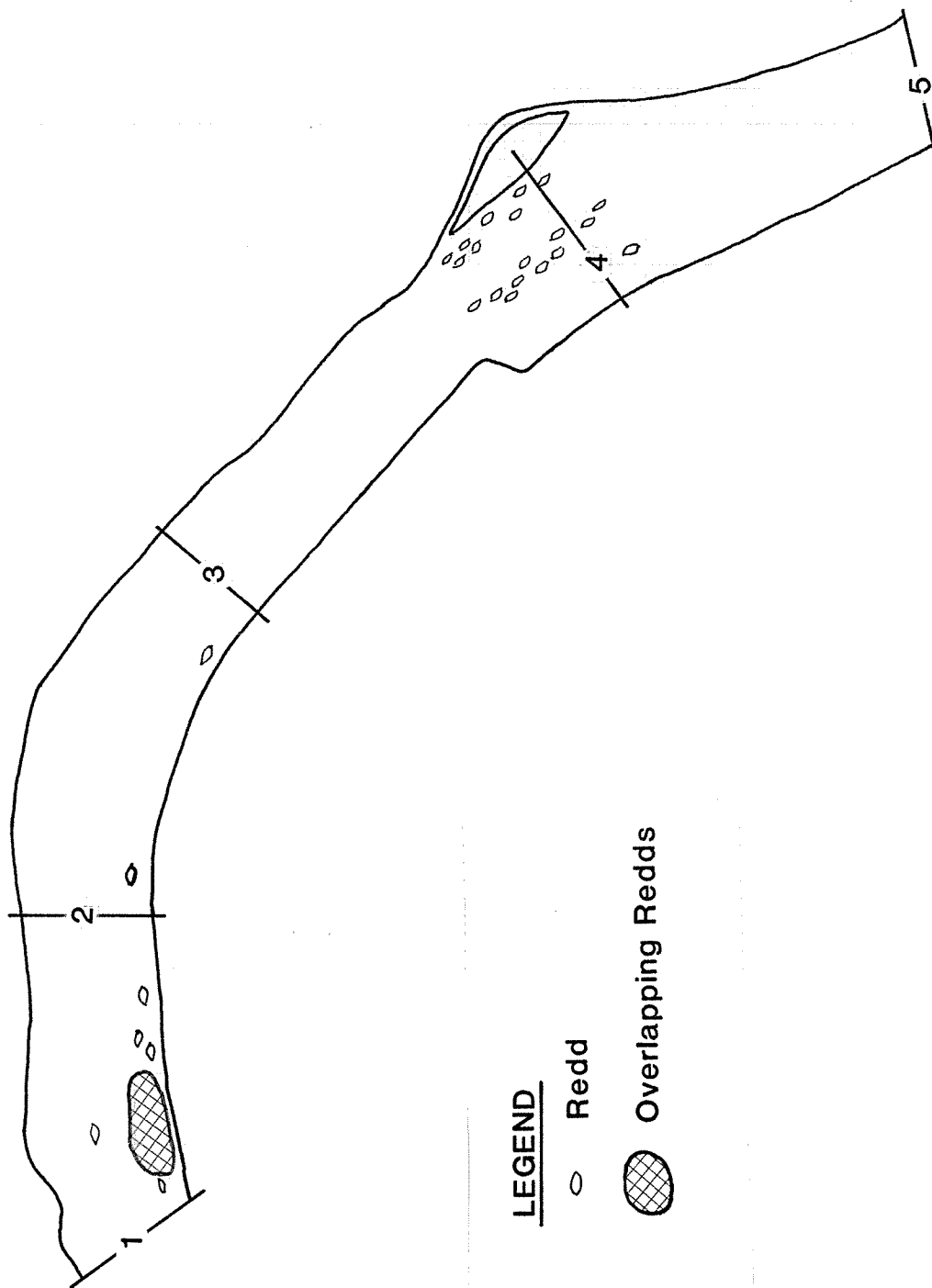


Figure 5. Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Marblemount instream flow study reach number 5 at RM 78.5 on the Skagit River.



**LEGEND**

○ Redd

⊗ Overlapping Redds

Figure 6. Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Corkindale instream flow study reach number 7 at RM 74.0 on the Skagit River.

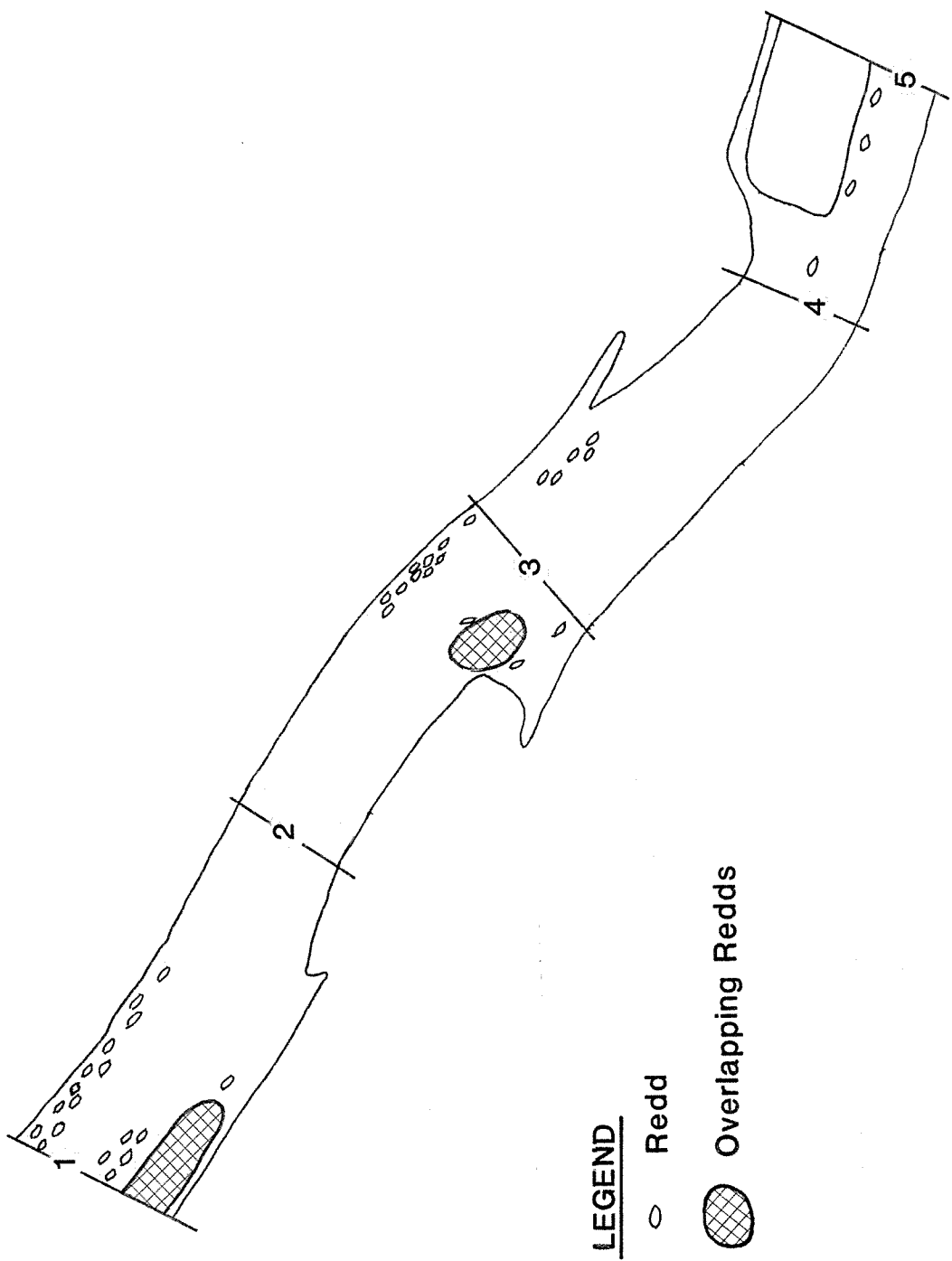


Figure 7. Chinook salmon spawning distribution, as determined from aerial photographs taken on September 21, 1976 and October 6, 1980, at Barr Creek instream flow study reach number 8 at RM 70.5 on the Skagit River.

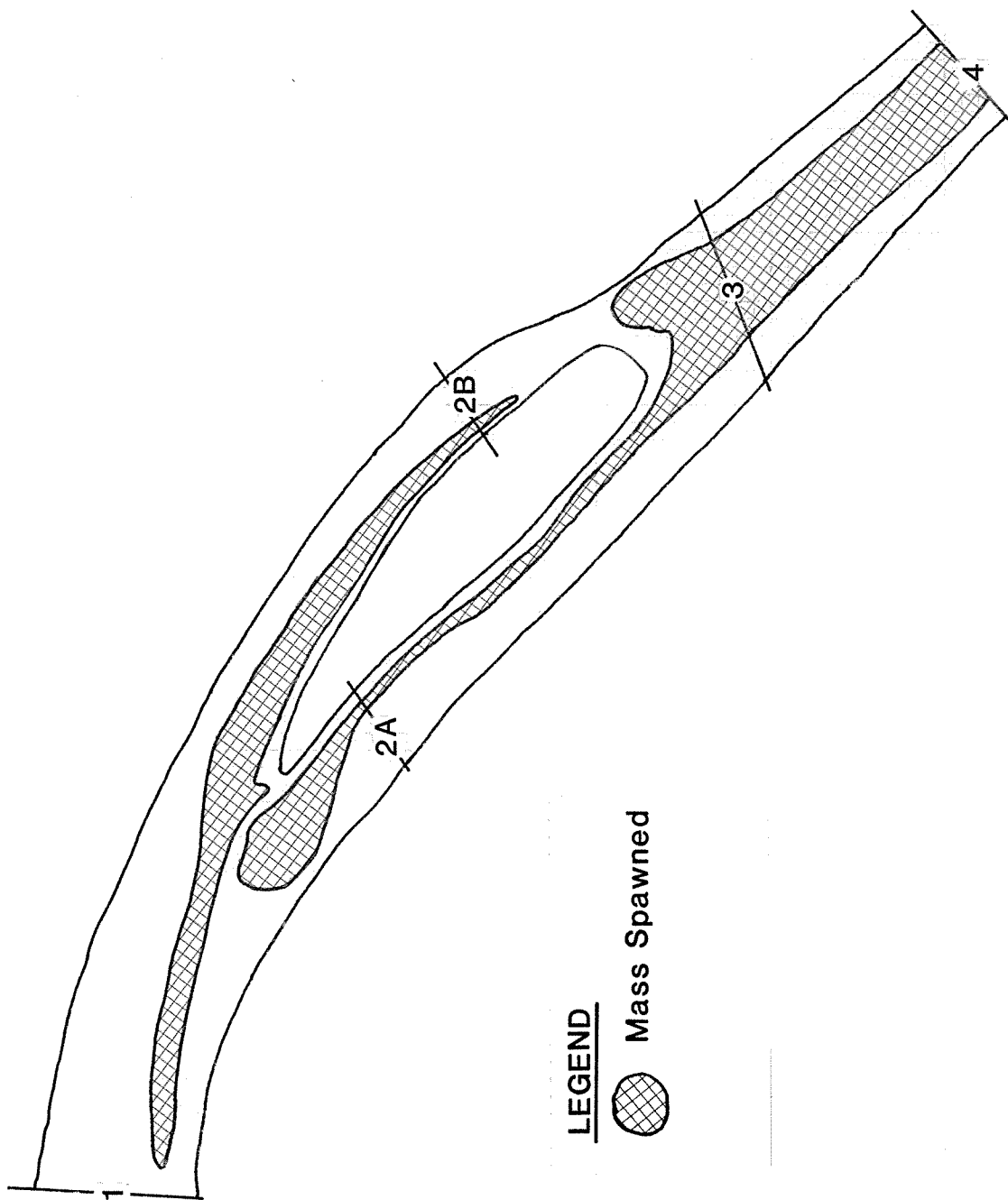


Figure 8. Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Island instream flow study reach number 1 at RM 91.5 on the Skagit River.

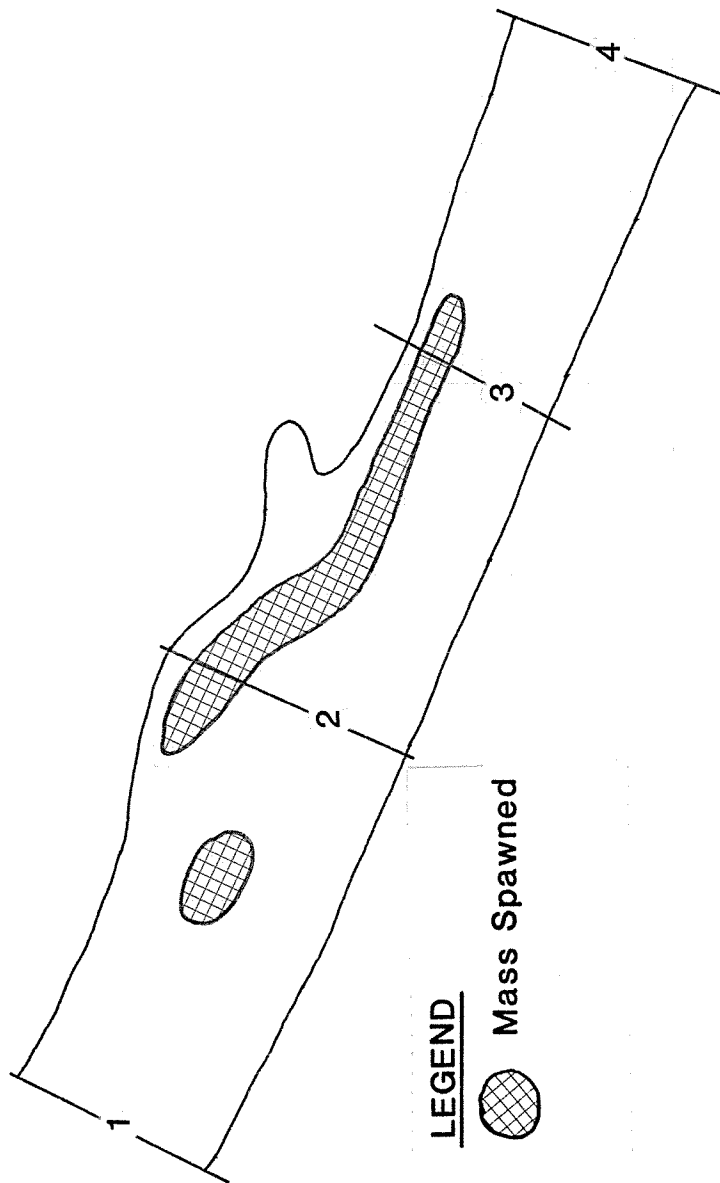


Figure 9. Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Sky Creek instream flow study reach number 2 at RM 88.4 on the Skagit River.

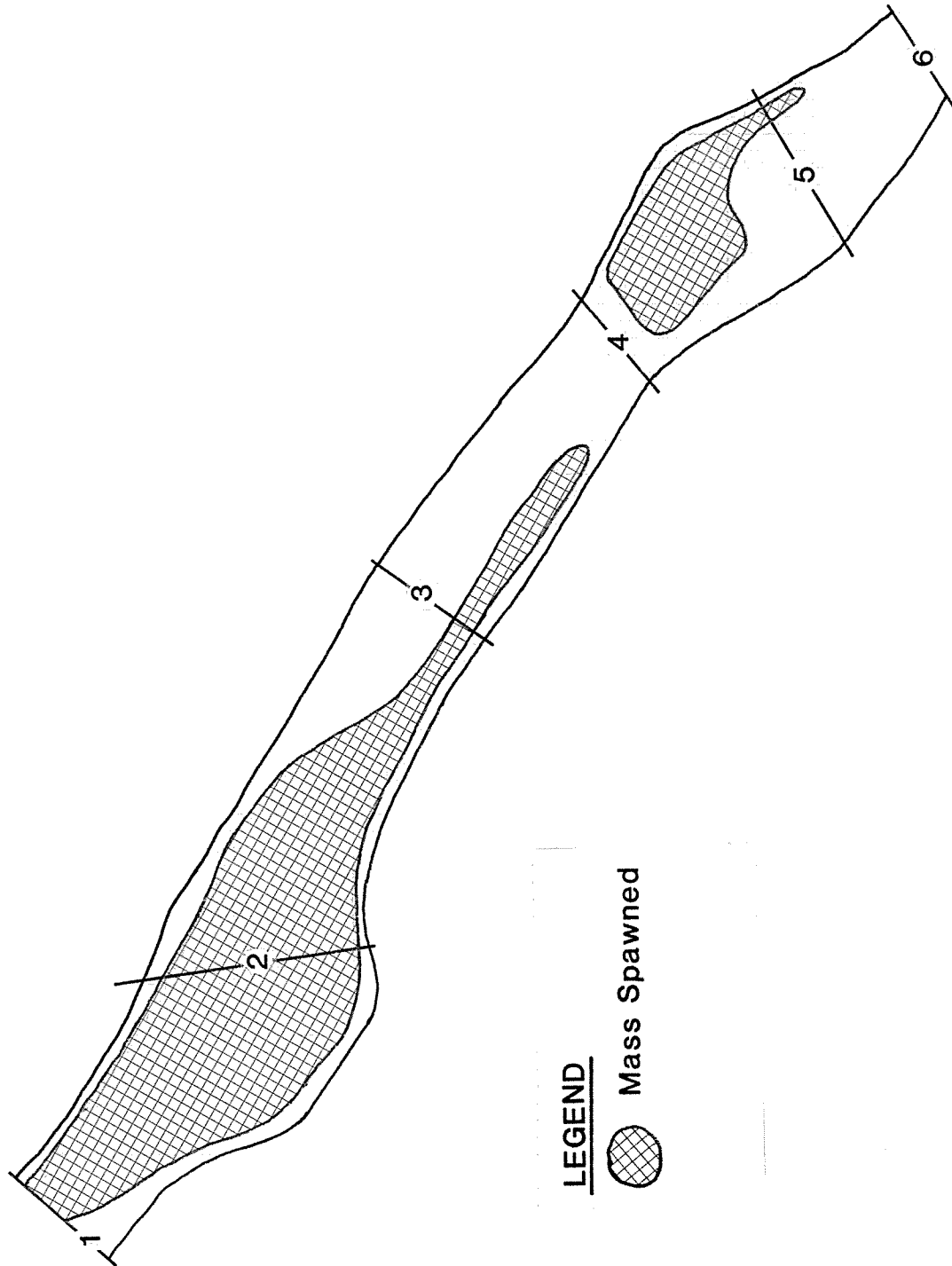


Figure 10. Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Copper Creek instream flow study reach number 3 at RM 83.3 on the Skagit River.

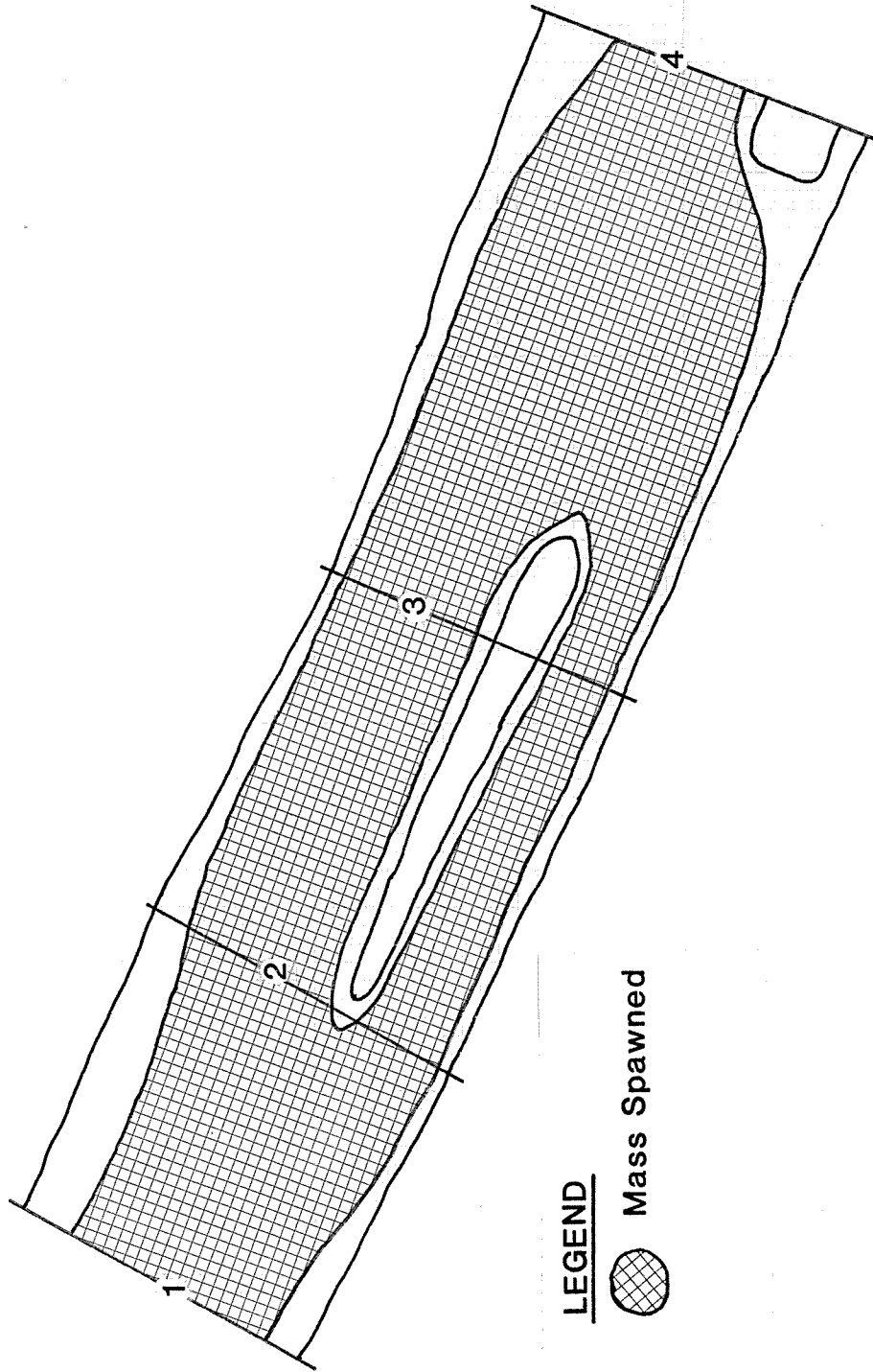


Figure 11. Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Indian Bar instream flow study reach number 4 at RM 82.1 on the Skagit River.

R-5, 1/1/83

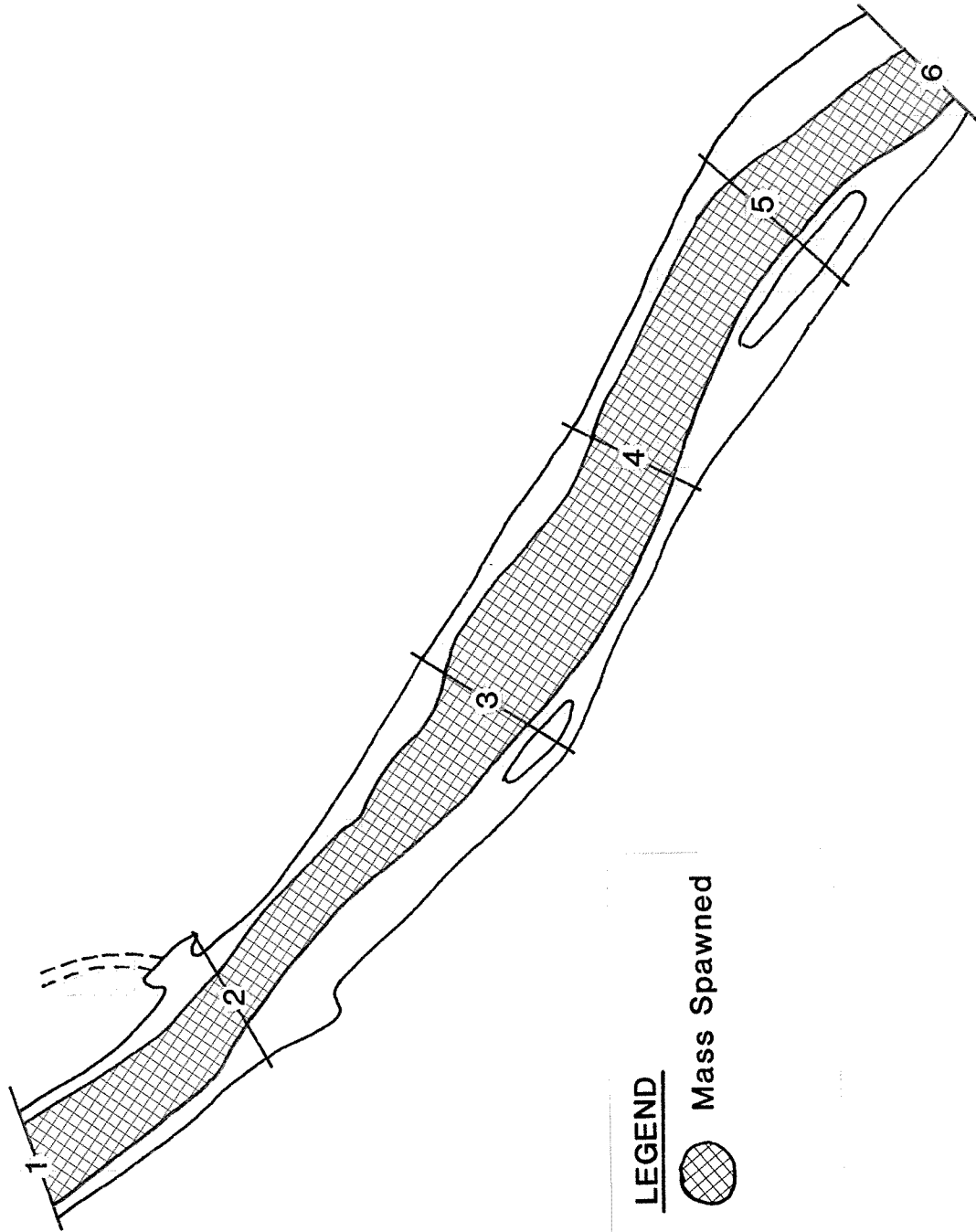


Figure 12. Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Marblemount instream flow study reach number 5 at RM 78.5 on the Skagit River.

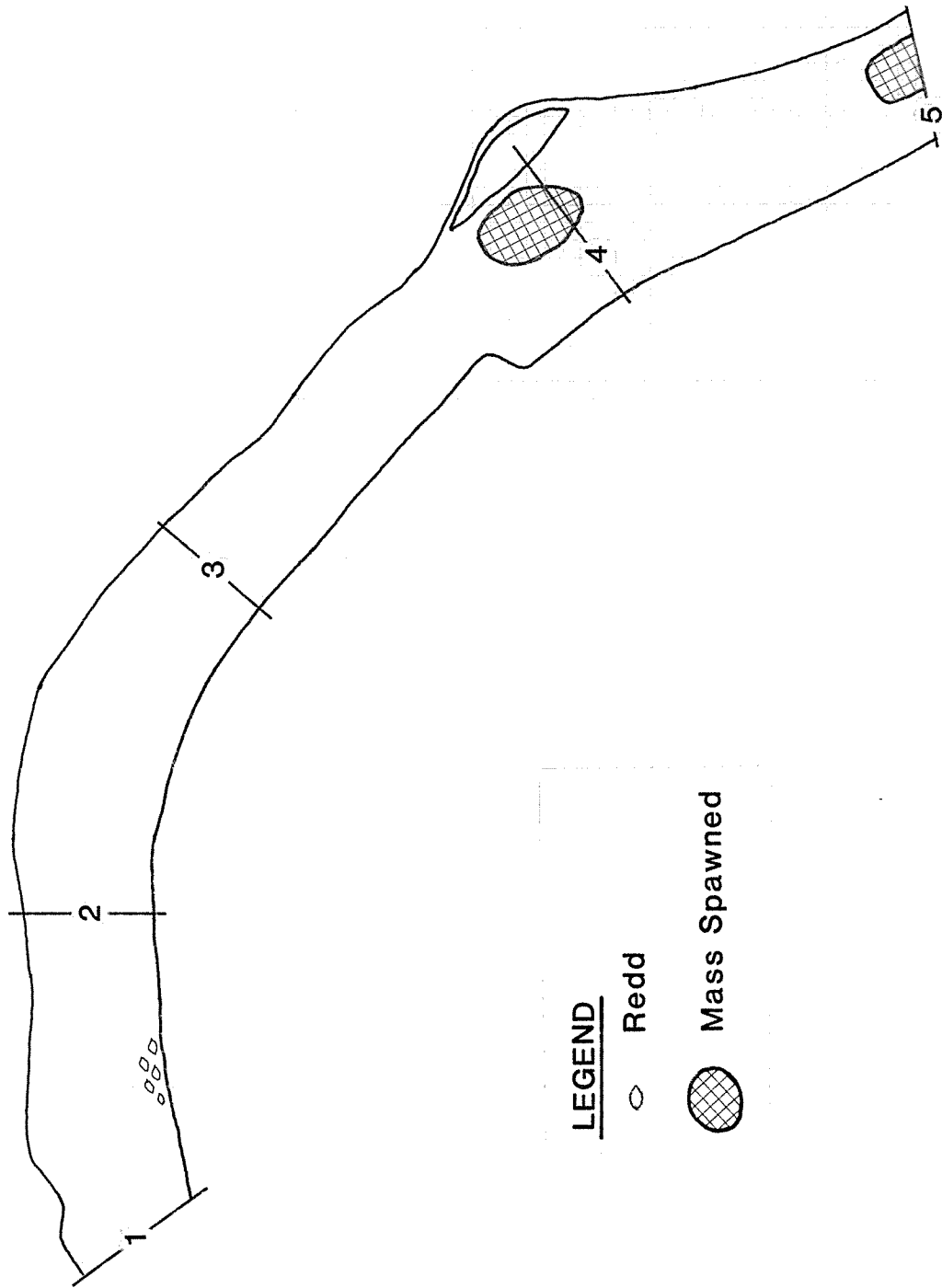


Figure 13. Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Corkindale instream flow study reach number 7 at RM 74.0 on the Skagit River.

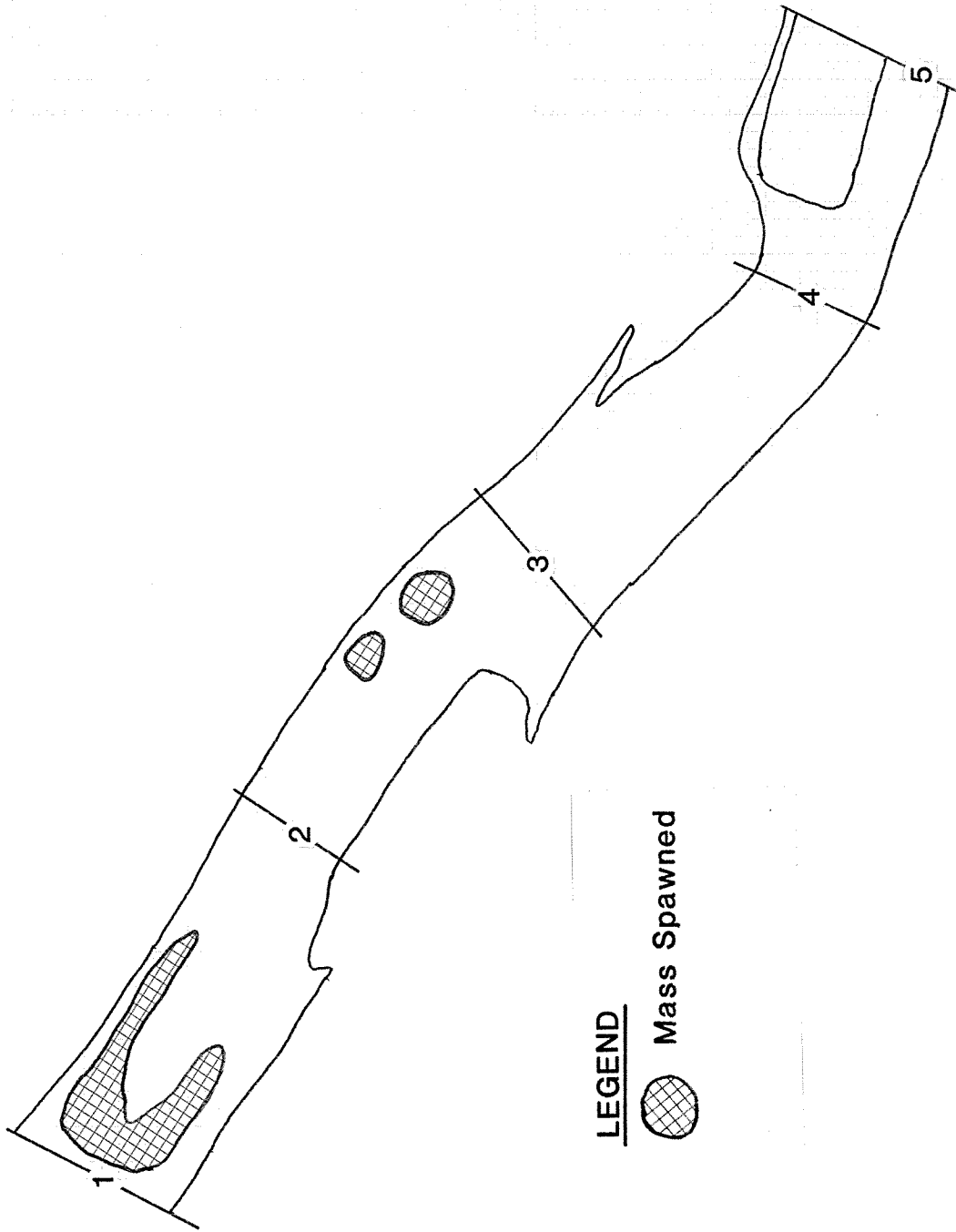


Figure 14. Pink salmon spawning distribution, as determined from a helicopter survey, aerial photographs and field observations conducted on October 11, 1977, October 14, 1981 and October 13, 1983, at Barr Creek instream flow study reach number 8 at RM 70.5 on the Skagit River.

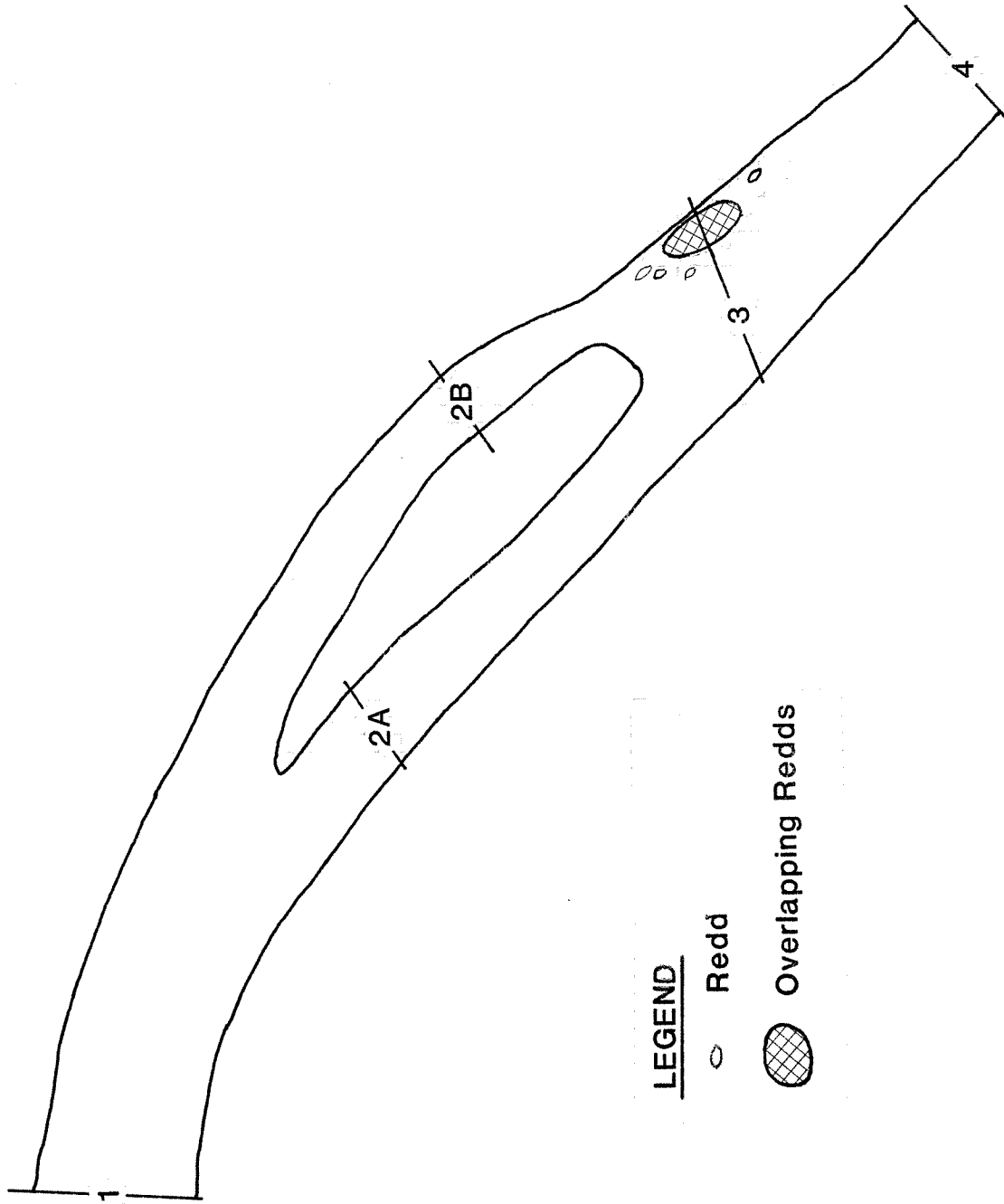


Figure 15. Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Island instream flow study reach number 1 at RM 91.5 on the Skagit River.

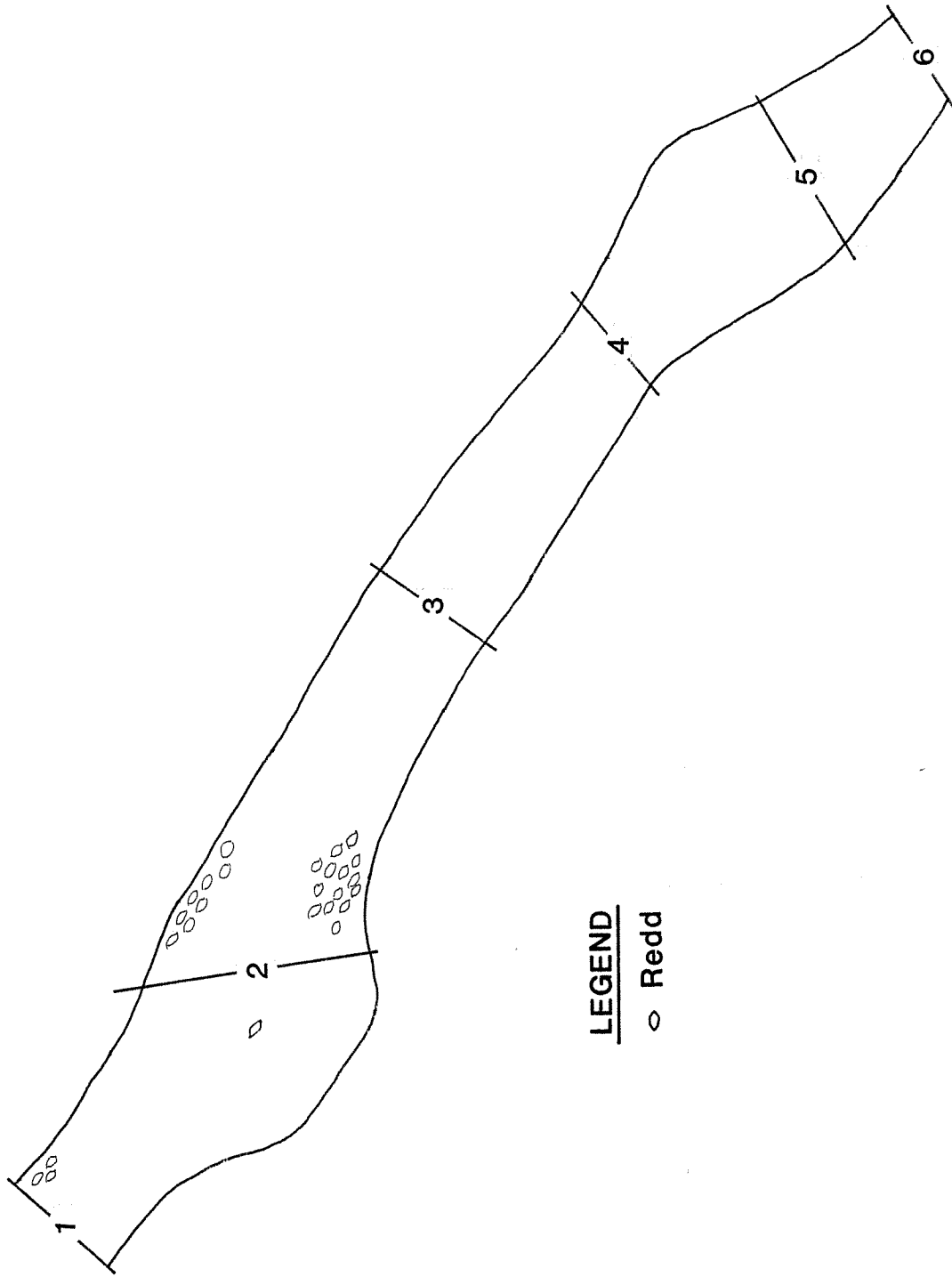


Figure 16. Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Copper Creek instream flow study reach number 3 at RM 83.3 on the Skagit River.

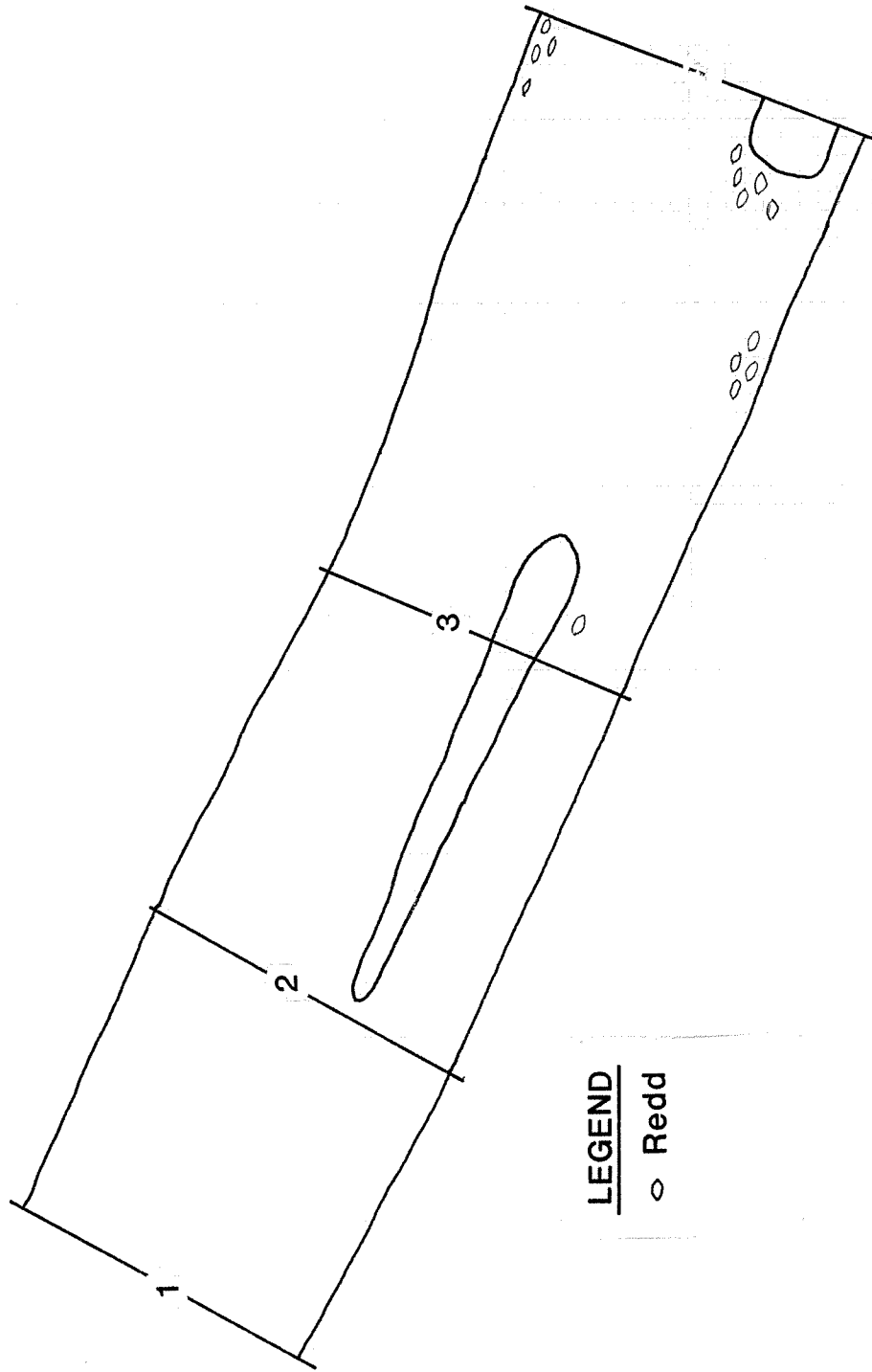


Figure 17. Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Indian Bar instream flow study reach number 4 at RM 82.1 on the Skagit River.

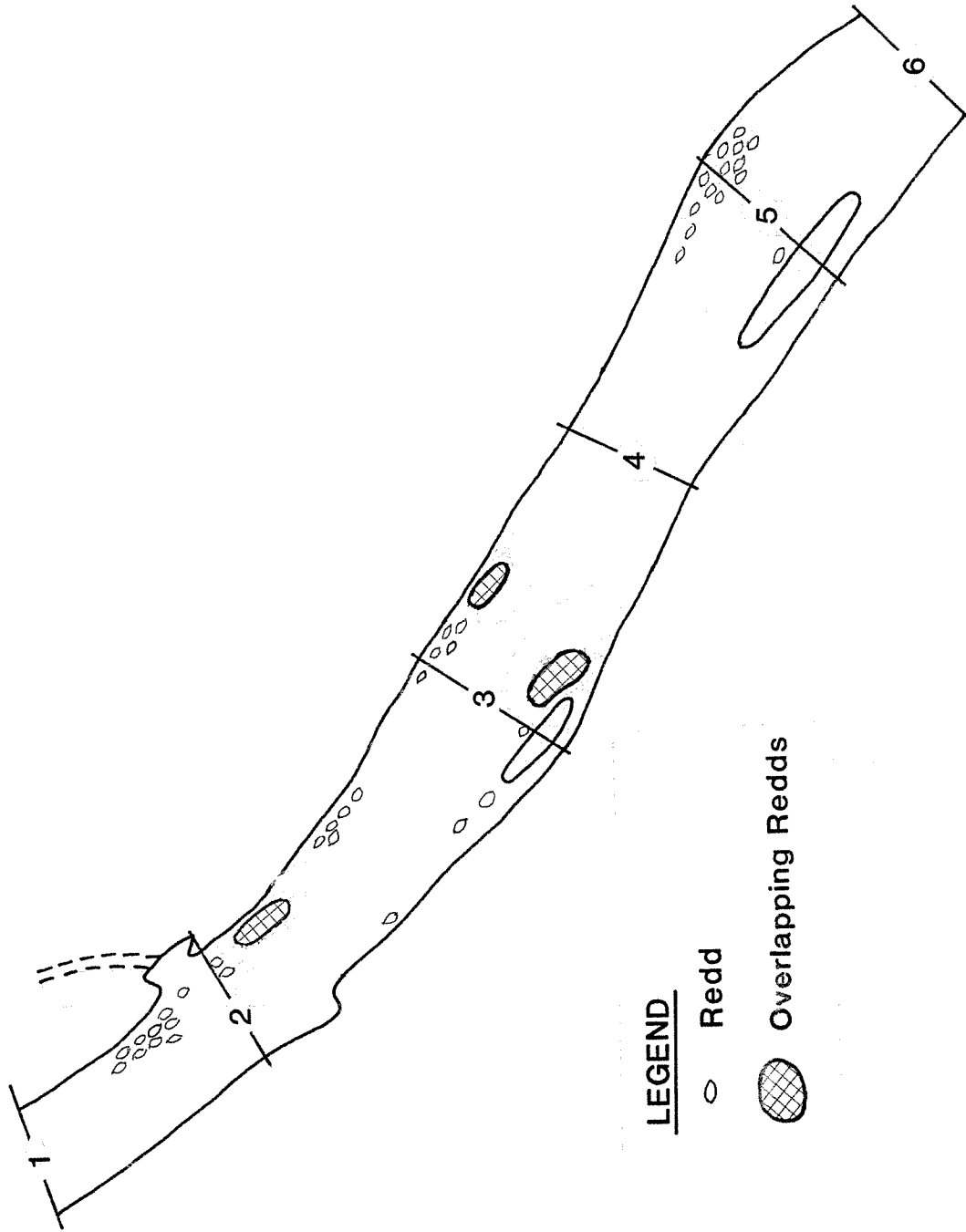


Figure 18. Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Marblemount instream flow study reach number 5 at RM 78.5 on the Skagit River.

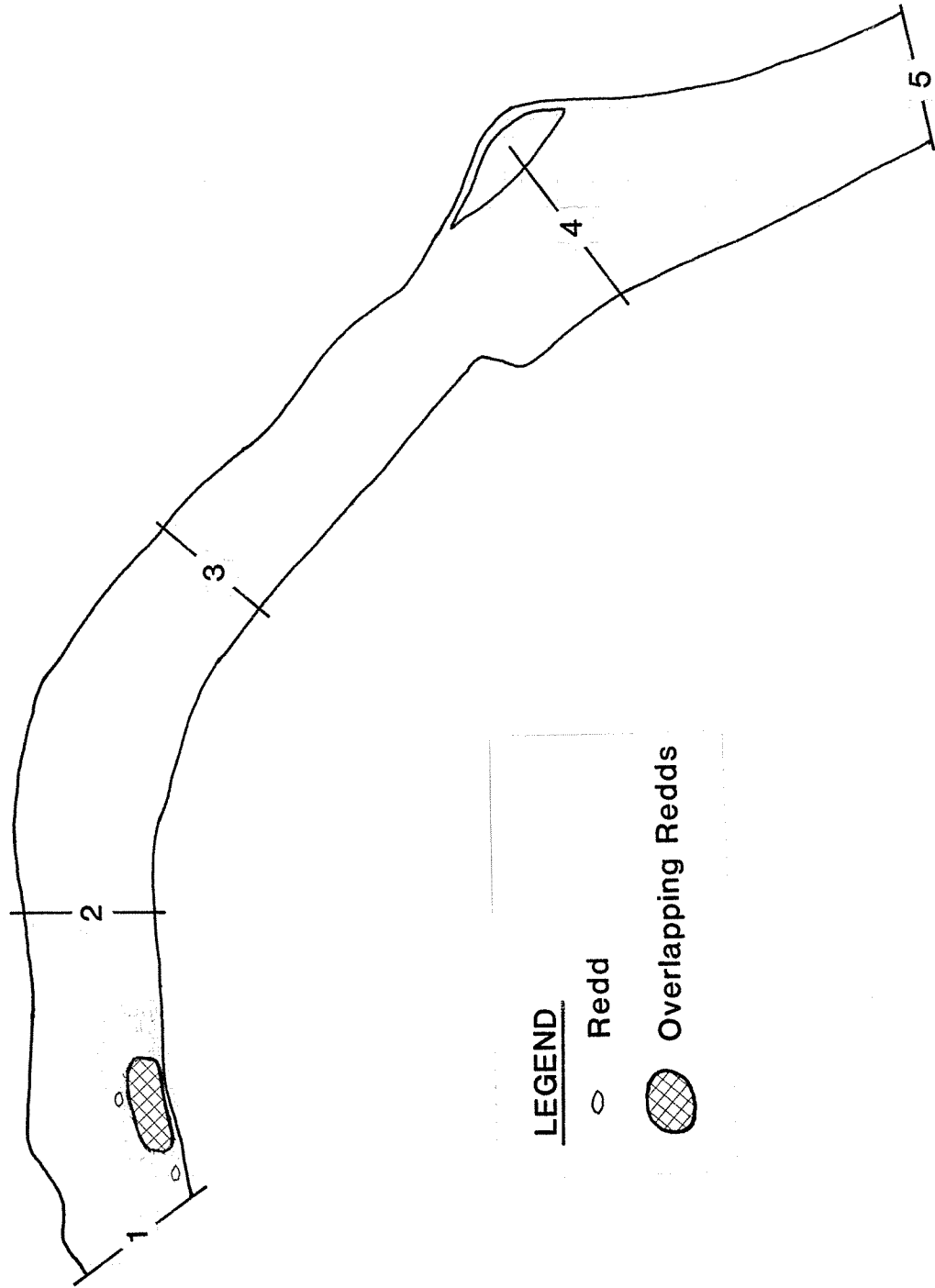


Figure 19. Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Corkindale instream flow study reach number 7 at RM 74.0 on the Skagit River.

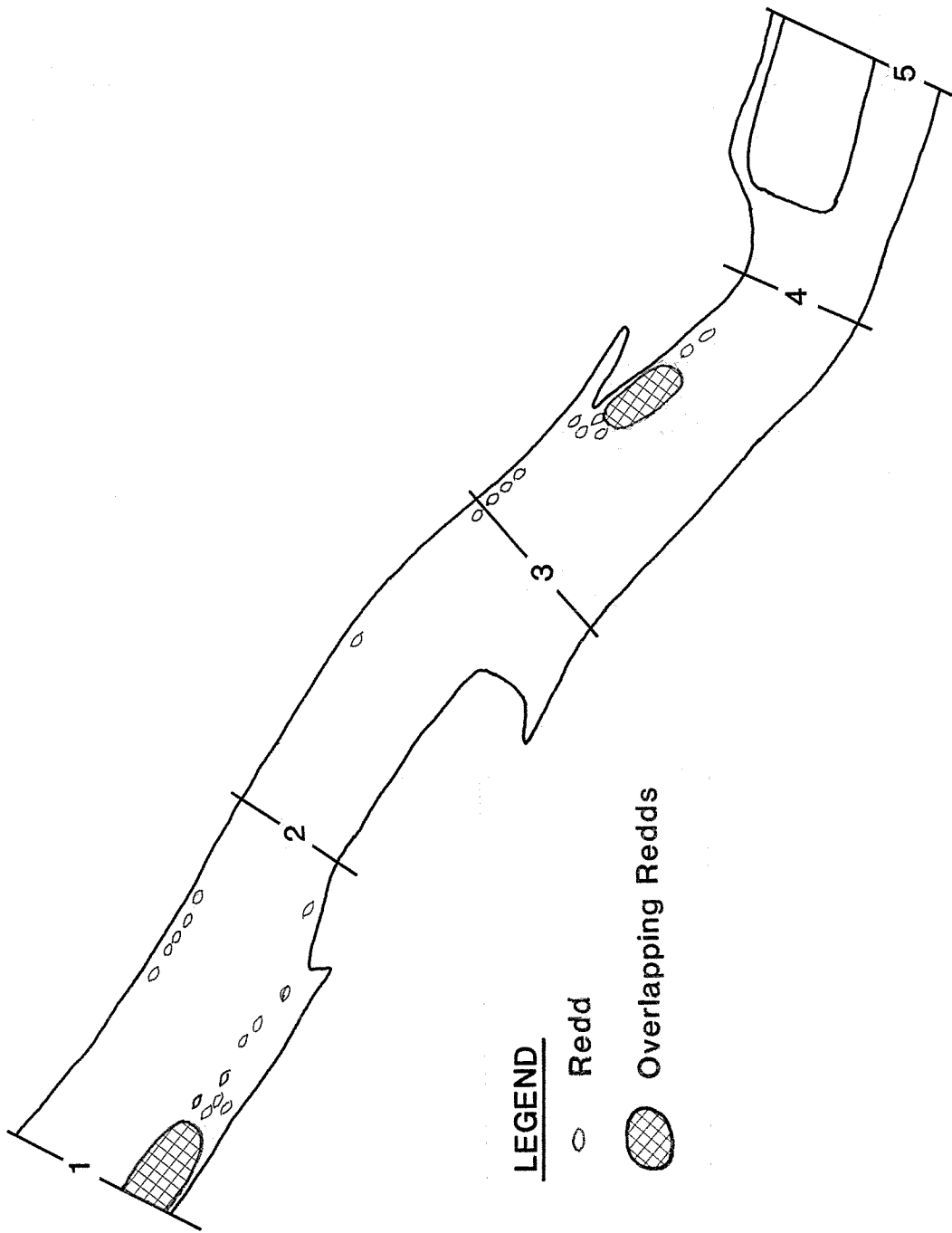


Figure 20. Steelhead trout spawning distribution, as determined from helicopter surveys conducted in 1980 to 1983, at Barr Creek instream flow study reach number 8 at RM 70.5 on the Skagit River.

APPENDIX F

Table 1. River habitat response curves with mean column and nose velocity (n) spawning criteria (N = nose velocity).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE OCTOBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
SPECIES/LIFE STAGE																	
CHINOOK/SPAWNING		36.418	44.790	52.804	60.977	67.961	74.475	81.516	87.462	92.428	96.179	98.229	99.052	99.338	99.584	100.000	90.500
PINK/SPAWNING		35.343	41.742	47.200	54.907	61.193	67.098	70.822	75.002	77.334	80.093	83.946	88.533	90.800	92.693	95.128	87.671
CHINOOK/SPAWNING-N		27.636	34.007	39.886	46.158	52.288	57.532	62.102	66.607	71.031	75.588	80.198	84.537	88.497	91.677	94.323	94.976
PINK/SPAWNING-N		31.000	36.226	40.515	48.263	55.037	61.402	66.439	72.110	75.684	80.255	85.874	90.602	92.161	94.470	97.608	90.341
SPECIES/LIFE STAGE		1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINOOK/SPAWNING		99.838	99.233	98.366	97.687	96.820	95.589	94.197	92.252	90.048	87.495	84.971	82.569	80.115	77.986	75.793	
PINK/SPAWNING		97.892	100.000	98.901	95.717	91.913	88.707	84.649	80.767	76.553	74.466	71.735	69.622	66.985	64.057	61.198	
CHINOOK/SPAWNING-N		96.063	97.037	97.694	98.175	98.737	99.374	99.854	100.000	99.776	99.129	98.190	97.017	95.755	94.350	92.659	
PINK/SPAWNING-N		99.190	100.000	99.393	98.304	96.947	94.784	92.755	90.515	88.200	87.602	85.871	83.889	81.100	78.298	75.438	
SPECIES/LIFE STAGE		3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINOOK/SPAWNING		73.974	72.284	70.502	68.801	67.421	66.210	65.188	64.298	63.523	62.886	62.318	61.838	61.069	60.188	59.150	
PINK/SPAWNING		58.334	55.558	53.240	51.350	50.021	48.964	47.954	46.853	46.054	45.653	45.085	44.935	44.833	44.490	44.305	
CHINOOK/SPAWNING-N		90.918	89.071	87.066	84.966	83.195	81.490	79.740	78.051	76.440	74.930	73.533	72.157	70.841	69.540	68.251	
PINK/SPAWNING-N		72.241	69.192	66.420	64.102	62.324	60.430	58.833	57.182	55.984	55.319	54.256	53.437	52.504	51.378	50.469	
SPECIES/LIFE STAGE		4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINOOK/SPAWNING		58.102	57.084	56.454	55.806	55.177	54.604	53.840	52.986	52.316	51.745	51.312	51.009	50.896	50.423	50.226	
PINK/SPAWNING		44.272	44.017	43.595	43.060	42.556	42.236	42.189	42.130	42.025	41.790	41.475	41.352	41.259	41.010	40.869	
CHINOOK/SPAWNING-N		67.142	66.090	65.103	64.097	63.146	62.251	61.357	60.548	59.891	59.295	58.722	58.152	57.597	56.802	56.244	
PINK/SPAWNING-N		49.999	49.427	48.861	48.299	47.618	46.980	46.541	46.172	45.811	45.461	45.045	44.833	44.636	44.298	44.124	
SPECIES/LIFE STAGE		6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINOOK/SPAWNING		50.108	49.995	49.918	49.880	49.829	49.575	49.229	48.654	48.003	47.255	46.514	45.787	45.253	44.767	44.265	
PINK/SPAWNING		40.539	40.103	39.624	38.982	38.295	37.708	36.855	35.983	35.015	34.148	33.189	32.192	31.072	29.989	29.044	
CHINOOK/SPAWNING-N		55.744	55.300	54.980	54.822	54.737	54.605	54.375	54.041	53.537	52.952	52.353	51.840	51.267	50.617	49.782	
PINK/SPAWNING-N		43.856	43.377	42.814	42.136	41.381	40.690	39.934	39.099	38.225	37.258	36.242	35.148	34.015	32.981	31.972	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE NOVEMBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHUM/SPAWNING	86.172	89.896	92.673	94.632	96.223	97.560	99.724	99.496	99.879	100.000	99.413	98.218	96.517	94.447	91.970	93.35
CHUM/SPAWNING-N	75.757	79.990	83.338	85.940	88.186	90.370	92.559	94.466	96.205	97.880	99.030	99.702	100.000	99.900	99.358	95.42
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHUM/SPAWNING	89.302	86.578	83.634	80.586	77.396	74.114	70.929	68.004	65.409	62.987	60.566	58.467	56.502	54.698	53.127	
CHUM/SPAWNING-N	98.667	97.949	96.806	95.450	93.781	91.823	89.736	87.609	85.538	83.481	81.426	79.533	77.786	75.990	74.198	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHUM/SPAWNING	51.737	50.268	48.911	47.696	46.477	45.322	44.282	43.274	42.323	41.435	40.656	39.950	39.293	38.727	38.265	
CHUM/SPAWNING-N	72.456	70.551	68.658	66.864	65.077	63.300	61.583	59.988	58.442	56.964	55.556	54.239	52.998	51.813	50.747	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHUM/SPAWNING	37.904	37.570	37.264	37.023	36.871	36.813	36.640	36.414	36.265	36.226	36.170	36.074	35.648	35.501	35.478	
CHUM/SPAWNING-N	49.782	48.836	47.981	47.220	46.519	45.923	45.305	44.686	44.144	43.724	43.329	42.914	42.099	41.666	41.342	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHUM/SPAWNING	35.485	35.419	35.258	35.086	34.952	34.806	34.621	34.389	34.148	33.914	33.658	33.300	32.831	32.366	31.847	
CHUM/SPAWNING-N	41.049	40.730	40.379	40.040	39.750	39.433	39.090	38.710	38.314	37.929	37.520	37.051	36.466	35.816	35.149	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE DECEMBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHUM/SPAWNING	91.957	94.394	96.224	97.750	98.859	99.536	100.000	99.788	99.164	97.779	95.733	93.425	91.007	88.498	85.673	92.883
CHUM/SPAWNING-N	83.127	86.194	88.714	91.117	93.237	95.047	96.860	98.336	99.470	100.000	99.930	99.527	99.000	98.498	97.644	94.783
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHUM/SPAWNING	82.671	79.526	76.227	73.071	70.140	67.484	65.110	62.762	60.687	58.861	57.028	55.413	53.814	52.109	50.538	
CHUM/SPAWNING-N	96.471	95.060	93.282	91.392	89.393	87.472	85.614	83.702	81.886	80.248	78.516	76.763	75.034	73.093	71.160	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHUM/SPAWNING	49.071	47.719	46.416	45.235	44.055	43.009	42.046	41.264	40.578	39.963	39.443	38.959	38.524	38.145	37.825	
CHUM/SPAWNING-N	69.224	67.319	65.363	63.463	61.627	59.924	58.305	56.815	55.445	54.188	53.001	51.884	50.852	49.871	48.956	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHUM/SPAWNING	37.545	37.423	37.311	37.124	36.903	36.745	36.669	36.644	36.627	36.506	36.117	36.083	36.067	36.016	35.884	
CHUM/SPAWNING-N	48.101	47.394	46.725	46.063	45.407	44.838	44.368	43.985	43.603	43.148	42.380	42.052	41.748	41.442	41.101	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHUM/SPAWNING	35.757	35.631	35.472	35.306	35.093	34.859	34.624	34.367	34.049	33.588	33.159	32.674	32.169	31.616	31.124	
CHUM/SPAWNING-N	40.782	40.504	40.201	39.884	39.535	39.170	38.781	38.368	37.939	37.377	36.766	36.128	35.502	34.884	34.295	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM MUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE FEBRUARY - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	83.061	90.284	95.708	98.774	100.000	99.994	99.089	97.618	95.199	92.526	89.654	86.514	83.609	80.658	77.715	90.735
STEELHEAD/SPAWNING-N	80.054	87.125	92.522	95.869	97.939	99.388	100.000	99.979	98.954	97.646	96.211	94.639	92.907	90.863	88.553	91.507
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	74.909	72.332	69.974	67.854	65.738	63.664	61.601	59.863	57.744	55.701	53.771	52.174	50.678	48.950	47.301	
STEELHEAD/SPAWNING-N	86.099	83.496	81.020	78.625	76.299	74.028	71.789	69.903	67.667	65.534	63.534	61.767	60.119	58.261	56.495	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	45.710	44.261	43.017	41.913	40.900	39.939	39.002	38.166	37.507	37.028	36.649	36.251	35.772	35.343	34.962	
STEELHEAD/SPAWNING-N	54.816	53.191	51.631	50.205	48.911	47.782	46.649	45.558	44.526	43.613	42.795	41.999	41.271	40.626	40.041	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	34.660	34.384	34.262	34.198	34.084	33.936	33.799	33.682	33.584	33.502	33.403	33.258	32.627	32.578	32.543	
STEELHEAD/SPAWNING-N	39.509	39.073	38.676	38.295	37.915	37.498	37.095	36.766	36.515	36.312	36.096	35.893	35.222	35.064	34.944	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	32.484	32.324	32.172	32.094	31.986	31.824	31.649	31.484	31.252	30.976	30.597	30.213	29.777	29.217	28.626	
STEELHEAD/SPAWNING-N	34.825	34.680	34.504	34.321	34.103	33.821	33.510	33.189	32.874	32.531	32.169	31.776	31.319	30.833	30.359	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE MARCH - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	97.937	99.703	100.000	99.437	97.698	95.092	92.380	89.555	86.608	83.609	80.450	77.301	74.306	71.633	69.236	90.522
STEELHEAD/SPAWNING-N	95.230	97.831	99.296	100.000	99.813	98.746	97.591	96.232	94.825	93.045	90.890	88.431	85.719	83.147	80.698	91.212
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	67.075	65.043	63.076	61.168	59.490	57.479	55.513	53.718	51.985	50.713	48.950	47.322	45.785	44.409	43.194	
STEELHEAD/SPAWNING-N	78.332	75.983	73.821	71.546	69.579	67.376	65.295	63.333	61.404	60.043	58.294	56.604	55.007	53.441	51.950	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	42.047	40.986	40.025	39.117	38.373	37.775	37.302	36.879	36.405	35.882	35.397	35.055	34.715	34.494	34.363	
STEELHEAD/SPAWNING-N	50.554	49.279	48.052	46.889	45.828	44.827	43.956	43.095	42.265	41.471	40.793	40.173	39.624	39.131	38.680	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	34.261	34.110	34.021	33.897	33.750	33.652	33.533	33.431	33.291	32.677	32.632	32.561	32.447	32.330	32.203	
STEELHEAD/SPAWNING-N	38.284	37.904	37.512	37.123	36.778	36.506	36.271	36.033	35.822	35.182	35.026	34.891	34.799	34.692	34.520	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	32.119	32.068	31.973	31.826	31.665	31.444	31.158	30.816	30.495	30.093	29.660	29.173	28.655	28.075	27.446	
STEELHEAD/SPAWNING-N	34.345	34.167	33.946	33.669	33.400	33.151	32.847	32.513	32.162	31.783	31.358	30.911	30.473	29.976	29.462	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE APRIL - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	97.794	95.400	92.611	89.538	86.534	83.396	80.234	77.201	74.448	71.944	69.768	67.700	65.776	63.985	86.504
STEELHEAD/SPAWNING-N	100.000	99.396	98.722	97.600	96.317	94.617	92.581	90.251	87.644	85.117	82.702	80.415	78.105	75.994	73.858	88.538
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	62.480	60.696	59.000	57.405	55.826	54.521	52.813	51.365	49.779	48.283	46.947	45.730	44.539	43.406	42.344	
STEELHEAD/SPAWNING-N	72.028	69.902	67.885	65.958	64.021	62.526	60.857	59.418	57.944	56.491	55.077	53.706	52.405	51.114	49.833	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	41.428	40.742	40.211	39.714	39.125	38.482	37.870	37.347	36.879	36.550	36.303	36.116	35.841	35.606	35.416	
STEELHEAD/SPAWNING-N	48.652	47.586	46.666	45.759	44.848	43.949	43.134	42.376	41.726	41.102	40.498	39.940	39.420	38.923	38.472	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	35.302	35.199	35.074	34.908	34.731	34.096	34.072	34.008	33.877	33.706	33.581	33.521	33.469	33.447	33.435	
STEELHEAD/SPAWNING-N	38.100	37.776	37.493	37.207	36.953	36.264	36.097	35.938	35.786	35.637	35.481	35.331	35.149	34.944	34.751	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	33.327	33.122	32.853	32.568	32.300	31.954	31.603	31.268	30.858	30.338	29.767	29.123	28.328	27.461	26.709	
STEELHEAD/SPAWNING-N	34.552	34.318	34.049	33.792	33.536	33.220	32.885	32.525	32.127	31.645	31.162	30.634	29.966	29.089	28.291	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE MAY - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .99 (DRY) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	97.218	94.313	92.161	89.460	87.363	85.436	83.694	82.489	81.063	79.785	78.403	77.139	75.974	74.880	55.905
STEELHEAD/SPAWNING-N	100.000	97.357	94.589	92.427	89.919	87.839	85.831	83.911	82.579	80.935	79.383	77.866	76.370	74.973	73.635	66.517
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	73.822	72.734	71.843	70.688	69.647	68.775	67.698	66.434	65.111	63.839	62.750	61.918	61.228	60.584	59.934	
STEELHEAD/SPAWNING-N	72.297	70.952	69.878	68.718	67.668	66.719	65.660	64.523	63.283	62.090	60.993	59.948	59.013	58.079	57.174	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	59.140	58.390	57.644	56.952	56.293	55.535	54.868	54.308	53.038	52.810	52.601	52.336	52.055	51.790	51.656	
STEELHEAD/SPAWNING-N	56.200	55.228	54.271	53.416	52.599	51.805	51.044	50.395	49.207	48.758	48.400	48.062	47.738	47.441	47.190	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	51.655	51.620	51.518	51.397	51.143	50.888	50.701	50.439	50.217	50.073	49.798	49.406	49.019	48.504	47.798	
STEELHEAD/SPAWNING-N	46.914	46.625	46.339	46.040	45.758	45.512	45.320	45.116	44.937	44.756	44.546	44.225	43.884	43.467	42.867	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	46.952	46.147	45.129	44.093	43.100	42.150	41.203	40.288	38.744	37.929	37.115	36.395	35.706	35.029	34.405	
STEELHEAD/SPAWNING-N	42.004	41.155	40.417	39.629	38.814	38.175	37.586	36.983	35.599	34.993	34.499	34.157	33.814	33.382	32.887	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE JUNE - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	98.552	96.772	95.224	93.740	92.472	91.587	90.859	90.354	89.845	89.139	88.541	88.177	87.816	87.624	44.937
STEELHEAD/SPAWNING-N	100.000	98.494	96.773	95.209	93.819	92.470	91.291	90.168	89.021	87.872	86.729	85.668	84.563	83.513	82.653	53.676
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	86.819	85.605	84.354	83.297	82.121	80.917	79.875	78.828	77.709	76.657	75.566	74.583	73.586	72.570	71.567	
STEELHEAD/SPAWNING-N	81.501	80.348	79.394	78.464	77.451	76.376	75.213	73.976	72.798	71.614	70.425	69.309	68.264	67.228	66.167	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	70.529	68.500	67.617	66.760	65.964	65.274	64.771	64.514	64.336	64.088	63.822	63.521	63.251	63.011	62.700	
STEELHEAD/SPAWNING-N	65.201	63.492	62.680	61.926	61.188	60.521	59.866	59.237	58.637	58.167	57.749	57.348	57.005	56.681	56.368	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	62.399	62.125	61.894	61.579	61.271	60.978	60.398	59.659	58.850	57.846	56.908	56.181	55.543	55.010	54.465	
STEELHEAD/SPAWNING-N	56.052	55.747	55.481	55.159	54.826	54.409	53.832	53.024	52.194	51.502	50.870	50.269	49.768	49.349	48.870	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	53.737	52.020	51.061	50.122	49.239	48.317	47.563	46.801	45.970	45.171	44.286	43.367	42.434	41.609	40.851	
STEELHEAD/SPAWNING-N	48.320	46.737	46.152	45.685	45.223	44.697	44.153	43.644	43.134	42.641	42.071	41.432	40.784	40.106	39.426	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE  
 AUGUST - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY)  
 GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)

SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHINOOK/SPAWNING	57.562	65.182	72.197	78.708	85.523	91.403	95.612	98.418	99.789	100.000	99.667	99.202	99.141	99.013	98.882	87.879
CHINOOK/SPAWNING-N	43.219	48.978	54.814	60.076	65.161	70.334	75.097	79.779	84.294	88.259	91.468	93.990	96.021	97.377	98.081	92.703
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINOOK/SPAWNING	98.406	97.889	97.293	96.664	95.630	93.831	91.485	88.874	86.355	84.038	81.648	79.469	77.391	75.527	73.801	
CHINOOK/SPAWNING-N	98.560	98.039	99.365	99.681	100.000	99.987	99.972	99.634	98.966	98.056	96.959	95.815	94.372	92.580	90.618	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINOOK/SPAWNING	72.183	70.700	69.412	68.117	66.989	66.242	65.719	65.035	64.245	63.415	62.531	61.696	60.617	59.629	58.625	
CHINOOK/SPAWNING-N	88.717	86.776	84.847	82.967	81.202	79.487	77.910	76.452	74.964	73.589	72.318	71.111	69.879	68.647	67.447	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINOOK/SPAWNING	57.862	57.124	56.229	55.475	54.814	54.026	53.400	52.965	52.777	52.400	52.330	52.140	51.989	51.964	51.984	
CHINOOK/SPAWNING-N	66.344	65.286	64.279	63.345	62.495	61.727	61.037	60.409	59.880	59.094	58.462	57.824	57.287	56.851	56.534	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINOOK/SPAWNING	52.014	51.925	51.650	51.207	50.688	50.009	49.331	48.661	47.982	47.196	46.547	46.013	45.525	44.917	44.213	
CHINOOK/SPAWNING-N	56.328	56.150	56.033	55.977	55.807	55.482	54.991	54.382	53.741	53.149	52.415	51.644	50.807	49.910	49.103	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE  
 SEPTEMBER -- TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .90 (DRY)  
 GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)

SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHINOOK/SPAWNING	53.948	61.973	69.252	76.142	82.996	89.249	94.232	97.693	99.500	100.000	99.756	99.453	99.482	99.506	99.393	87.989
PINK/SPAWNING	44.569	49.317	55.642	61.348	66.581	70.410	74.165	76.074	78.476	82.750	87.450	89.958	92.061	94.620	97.557	86.260
CHINOOK/SPAWNING-N	40.235	46.215	52.145	57.543	62.439	67.299	71.992	76.758	81.476	85.853	89.719	92.642	94.905	96.539	97.494	93.253
PINK/SPAWNING-N	38.225	42.425	48.810	55.812	62.119	67.872	73.266	76.392	80.446	86.087	90.766	92.546	94.887	97.825	99.268	88.714
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINOOK/SPAWNING	98.943	98.304	97.767	97.229	96.329	94.888	93.038	90.762	88.326	85.928	83.519	81.311	78.981	76.941	75.268	
PINK/SPAWNING	100.000	99.729	96.925	93.216	90.114	86.687	83.126	78.890	76.513	73.872	71.711	69.098	66.171	63.035	60.279	
CHINOOK/SPAWNING-N	98.016	98.275	98.742	99.233	99.596	99.805	100.000	99.744	99.022	98.112	97.192	96.158	94.731	93.116	91.374	
PINK/SPAWNING-N	100.000	99.877	98.916	97.503	95.358	93.730	91.645	89.494	89.042	88.082	86.332	83.818	81.054	77.703	74.377	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINOOK/SPAWNING	73.550	71.885	70.490	69.175	67.978	67.011	66.377	65.675	64.963	64.251	63.361	62.436	61.300	60.219	59.178	
PINK/SPAWNING	57.545	54.954	52.826	51.370	50.242	49.027	47.936	47.067	46.519	46.235	46.122	45.960	45.627	45.413	45.133	
CHINOOK/SPAWNING-N	89.425	87.400	85.557	83.681	81.906	80.162	78.569	77.119	75.701	74.268	72.940	71.644	70.359	69.101	67.921	
PINK/SPAWNING-N	71.084	68.030	65.602	63.800	62.121	60.402	58.926	57.662	56.913	56.220	55.224	54.104	52.986	52.024	51.278	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINOOK/SPAWNING	58.388	57.652	56.936	56.270	55.524	54.617	53.842	53.205	52.734	52.431	51.979	51.842	51.673	51.606	51.583	
PINK/SPAWNING	44.870	44.390	43.874	43.424	43.305	43.247	43.171	42.960	42.678	42.327	42.206	42.004	41.713	41.498	41.188	
CHINOOK/SPAWNING-N	66.873	65.820	64.869	63.903	62.957	62.147	61.438	60.719	60.088	59.453	58.569	57.962	57.391	56.893	56.473	
PINK/SPAWNING-N	50.657	49.989	49.308	48.681	48.152	47.723	47.351	46.946	46.505	45.904	45.740	45.477	45.117	44.867	44.553	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINOOK/SPAWNING	51.511	51.469	51.385	51.151	50.786	50.161	49.451	48.666	47.930	47.143	46.557	46.068	45.580	44.962	44.260	
PINK/SPAWNING	40.678	40.040	39.277	38.545	37.712	36.859	35.923	34.901	33.908	32.912	31.864	30.740	29.759	28.745	27.746	
CHINOOK/SPAWNING-N	56.187	56.016	55.883	55.742	55.495	55.151	54.660	54.051	53.412	52.863	52.275	51.576	50.729	49.812	48.981	
PINK/SPAWNING-N	43.929	43.249	42.453	41.729	40.986	40.138	39.270	38.189	37.164	36.081	34.992	33.931	32.921	31.874	30.854	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE OCTOBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
SPECIES/LIFE STAGE		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHINOOK/SPAWNING		75.555	81.711	87.874	92.769	96.444	98.913	99.990	100.000	99.372	98.472	98.089	97.754	97.897	97.708	97.412	86.270
PINK/SPAWNING		50.810	56.270	61.350	66.514	69.900	73.291	74.834	77.614	81.906	86.681	89.364	91.561	94.088	97.255	100.000	84.956
CHINOOK/SPAWNING-N		57.872	63.510	68.748	74.087	78.859	83.302	87.099	90.426	93.184	95.236	97.050	98.240	99.168	99.586	99.840	90.867
PINK/SPAWNING-N		44.444	50.171	56.897	63.465	68.872	73.997	76.613	80.610	86.085	90.745	92.502	94.658	97.414	98.953	100.000	87.596
SPECIES/LIFE STAGE		1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINOOK/SPAWNING		96.803	95.937	94.785	92.919	90.691	88.468	86.261	84.111	81.975	79.970	77.801	76.041	74.438	72.960	71.579	
PINK/SPAWNING		99.768	97.015	93.229	90.174	86.768	83.192	79.140	77.175	74.685	72.779	70.081	66.842	63.757	61.098	58.161	
CHINOOK/SPAWNING-N		100.000	99.964	99.954	99.841	99.813	99.803	99.313	98.402	97.397	96.148	94.673	93.137	91.382	89.515	87.664	
PINK/SPAWNING-N		99.869	99.015	97.470	95.315	93.646	91.525	89.370	89.466	88.541	86.965	84.482	81.383	78.027	74.728	71.341	
SPECIES/LIFE STAGE		3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINOOK/SPAWNING		70.319	69.248	68.292	67.514	66.765	65.913	65.009	64.183	63.234	62.460	61.457	60.382	59.364	58.387	57.420	
PINK/SPAWNING		55.456	53.326	51.937	50.711	49.595	48.484	47.513	47.338	47.151	47.010	46.912	46.557	46.075	45.817	45.528	
CHINOOK/SPAWNING-N		85.854	84.045	82.237	80.508	78.794	77.332	75.904	74.544	73.322	72.115	70.868	69.576	68.288	67.075	65.988	
PINK/SPAWNING-N		68.238	65.813	64.270	62.455	60.885	59.379	58.064	57.746	57.002	55.904	54.862	53.763	52.524	51.763	51.109	
SPECIES/LIFE STAGE		4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINOOK/SPAWNING		56.586	55.943	55.420	54.841	54.469	53.883	53.721	53.604	53.572	53.410	53.315	53.419	53.377	53.302	52.993	
PINK/SPAWNING		45.106	44.687	44.461	44.348	44.271	44.031	43.773	43.459	43.122	42.918	42.603	42.210	42.017	41.665	41.019	
CHINOOK/SPAWNING-N		65.030	64.123	63.254	62.519	61.906	61.082	60.484	59.879	59.285	58.710	58.268	57.917	57.595	57.400	57.296	
PINK/SPAWNING-N		50.388	49.824	49.358	48.883	48.484	48.036	47.556	46.961	46.455	46.283	45.946	45.502	45.218	44.780	44.042	
SPECIES/LIFE STAGE		6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINOOK/SPAWNING		52.544	52.034	51.543	50.937	50.272	49.568	48.789	47.977	47.337	46.767	46.255	45.511	44.761	43.529	42.195	
PINK/SPAWNING		40.276	39.465	38.453	37.591	36.643	35.651	34.547	33.572	32.566	31.536	30.490	29.409	28.250	27.091	25.948	
CHINOOK/SPAWNING-N		57.246	57.175	57.010	56.668	56.145	55.516	54.739	54.031	53.276	52.501	51.673	50.682	49.838	48.948	47.949	
PINK/SPAWNING-N		43.243	42.478	41.693	40.866	39.992	38.949	37.856	36.811	35.794	34.758	33.639	32.529	31.350	30.227	29.194	

Table 1 (continued)

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE  
 NOVEMBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN)  
 GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)

SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHUM/SPAWNING	100.000	97.602	95.065	92.398	89.508	86.293	83.038	79.977	77.305	74.915	72.572	70.517	68.802	67.174	65.761	81.299
CHUM/SPAWNING-N	100.000	99.782	99.303	98.490	97.451	96.003	94.308	92.505	90.874	89.249	87.581	86.022	84.695	83.349	81.990	89.864
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHUM/SPAWNING	64.395	62.720	61.129	59.529	57.941	56.279	54.673	52.981	51.445	50.014	48.823	47.779	46.872	46.124	45.433	
CHUM/SPAWNING-N	80.613	78.942	77.224	75.417	73.587	71.649	69.694	67.780	65.902	64.054	62.292	60.597	59.035	57.568	56.168	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHUM/SPAWNING	44.931	44.314	43.887	43.581	43.484	43.391	43.168	42.914	42.701	42.614	42.550	42.504	42.339	41.927	41.921	
CHUM/SPAWNING-N	54.934	53.814	52.792	51.917	51.203	50.508	49.783	49.055	48.380	47.840	47.350	46.883	46.334	45.489	45.120	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHUM/SPAWNING	41.970	41.976	41.866	41.757	41.664	41.550	41.423	41.250	41.037	40.801	40.539	40.230	39.737	39.262	38.741	
CHUM/SPAWNING-N	44.826	44.519	44.167	43.856	43.599	43.318	43.026	42.710	42.351	41.972	41.570	41.153	40.563	39.937	39.295	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHUM/SPAWNING	38.195	37.578	37.051	36.503	35.845	35.148	34.475	33.873	33.374	32.859	32.356	31.836	31.264	30.517	30.029	
CHUM/SPAWNING-N	38.658	38.049	37.483	36.904	36.292	35.676	35.104	34.542	34.000	33.507	33.014	32.462	31.882	30.967	30.468	

Table I (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE DECEMBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHUM/SPAWNING	100.000	96.454	93.041	90.013	87.319	84.835	82.337	80.149	78.404	76.681	75.146	73.707	72.045	70.479	68.936	71.793
CHUM/SPAWNING-N	100.000	98.635	97.090	95.556	94.123	92.731	91.203	89.728	88.499	87.210	85.855	84.466	82.886	81.317	79.685	86.142
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHUM/SPAWNING	67.310	65.611	63.956	62.257	60.614	59.039	57.566	56.174	54.918	53.807	52.878	52.060	51.315	50.705	50.149	
CHUM/SPAWNING-N	77.950	76.099	74.219	72.344	70.443	68.613	66.816	65.117	63.469	61.874	60.396	58.987	57.608	56.368	55.172	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHUM/SPAWNING	49.826	49.694	49.419	49.179	49.038	48.938	48.866	48.772	48.580	48.406	48.029	48.020	47.958	47.854	47.755	
CHUM/SPAWNING-N	54.202	53.419	52.621	51.899	51.261	50.692	50.191	49.687	49.097	48.556	47.740	47.361	46.988	46.612	46.264	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHUM/SPAWNING	47.670	47.551	47.390	47.206	46.980	46.746	46.469	46.112	45.591	45.024	44.433	43.810	43.092	42.488	41.851	
CHUM/SPAWNING-N	45.986	45.693	45.383	45.064	44.731	44.374	43.977	43.532	42.956	42.285	41.610	40.954	40.285	39.665	39.040	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHUM/SPAWNING	41.131	40.380	39.621	38.932	38.372	37.836	37.287	36.725	36.115	35.492	34.624	33.980	33.348	32.701	32.065	
CHUM/SPAWNING-N	38.417	37.788	37.157	36.567	35.994	35.471	34.959	34.416	33.837	33.267	32.349	31.788	31.240	30.714	30.250	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE FEBRUARY - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	96.798	93.486	90.000	86.571	83.159	80.158	77.452	75.133	72.963	70.843	68.975	67.480	65.736	64.029	79.220
STEELHEAD/SPAWNING-N	100.000	98.760	97.085	94.943	92.553	89.777	87.156	84.719	82.486	80.239	78.067	75.931	74.154	72.121	70.161	85.393
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	62.585	61.153	59.972	58.414	56.963	55.596	54.142	52.804	51.538	50.206	48.881	47.631	46.499	45.620	44.923	
STEELHEAD/SPAWNING-N	68.338	66.565	65.104	63.455	61.920	60.665	59.280	57.946	56.750	55.541	54.305	52.970	51.693	50.511	49.483	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	44.346	43.661	42.896	42.198	41.609	41.067	40.604	40.272	39.913	39.484	39.184	38.908	38.691	38.555	38.393	
STEELHEAD/SPAWNING-N	48.506	47.498	46.559	45.694	44.870	44.110	43.411	42.745	42.077	41.433	40.831	40.301	39.842	39.455	39.111	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	38.219	38.019	37.292	37.265	37.209	37.093	36.920	36.753	36.669	36.645	36.607	36.570	36.526	36.383	36.089	
STEELHEAD/SPAWNING-N	38.779	38.502	37.785	37.595	37.421	37.264	37.078	36.874	36.699	36.528	36.306	36.101	35.915	35.732	35.464	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	35.775	35.473	35.126	34.756	34.380	33.975	33.470	32.861	32.160	31.283	30.349	29.442	28.540	27.642	26.868	
STEELHEAD/SPAWNING-N	35.197	34.939	34.634	34.305	33.955	33.593	33.114	32.598	32.039	31.333	30.450	29.589	28.844	28.158	27.543	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE MARCH - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	97.480	94.707	91.430	87.975	84.517	81.085	77.836	74.979	72.376	70.174	68.070	66.151	64.349	62.918	84.088
STEELHEAD/SPAWNING-N	100.000	99.306	98.212	96.735	94.720	92.497	89.872	87.183	84.673	82.335	80.021	77.731	75.591	73.431	71.636	87.688
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	61.086	59.366	58.080	56.533	55.274	53.800	52.440	50.932	49.573	48.215	46.930	45.767	44.674	43.643	42.798	
STEELHEAD/SPAWNING-N	69.515	67.605	65.708	63.840	62.413	60.814	59.464	58.048	56.689	55.372	54.108	52.815	51.522	50.260	49.113	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	42.090	41.584	41.042	40.416	39.753	39.165	38.615	38.200	37.871	37.592	37.345	37.087	36.849	36.619	36.487	
STEELHEAD/SPAWNING-N	48.092	47.176	46.265	45.346	44.470	43.653	42.908	42.232	41.610	40.984	40.399	39.864	39.379	38.914	38.522	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	36.377	36.227	36.063	35.895	35.233	35.183	35.097	34.953	34.788	34.649	34.588	34.555	34.531	34.473	34.358	
STEELHEAD/SPAWNING-N	38.177	37.879	37.592	37.361	36.652	36.498	36.362	36.213	36.053	35.889	35.736	35.543	35.362	35.190	35.000	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	34.087	33.794	33.502	33.190	32.849	32.518	32.117	31.640	31.091	30.433	29.624	28.742	27.881	26.997	26.146	
STEELHEAD/SPAWNING-N	34.735	34.455	34.196	33.920	33.608	33.264	32.890	32.416	31.900	31.323	30.638	29.778	28.933	28.202	27.546	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE APRIL - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	96.483	93.062	89.839	86.807	84.176	81.657	79.343	77.253	75.567	73.600	71.791	70.341	68.849	67.689	70.365
STEELHEAD/SPAWNING-N	100.000	97.766	95.044	92.367	89.772	87.341	84.926	82.821	80.729	78.916	76.798	74.835	73.059	71.228	69.791	80.012
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	66.175	64.754	63.203	61.798	60.690	59.318	57.966	56.667	55.263	53.974	52.898	51.996	51.197	50.376	49.452	
STEELHEAD/SPAWNING-N	68.197	66.597	65.062	63.589	62.402	61.163	59.992	58.861	57.637	56.419	55.176	54.051	52.943	51.868	50.845	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	48.626	47.871	47.168	46.631	46.217	45.748	45.166	44.621	44.128	43.724	43.459	43.216	43.000	42.734	41.893	
STEELHEAD/SPAWNING-N	49.908	49.005	48.149	47.351	46.568	45.818	45.062	44.303	43.575	42.945	42.445	42.004	41.569	41.176	40.352	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	41.814	41.733	41.615	41.440	41.284	41.170	41.078	41.028	41.010	40.936	40.858	40.702	40.446	40.149	39.780	
STEELHEAD/SPAWNING-N	40.139	39.968	39.805	39.604	39.358	39.102	38.870	38.653	38.453	38.242	38.060	37.866	37.668	37.428	37.160	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	39.435	39.112	38.780	38.371	37.918	37.303	36.423	35.439	34.498	33.456	32.415	31.599	30.784	30.027	28.851	
STEELHEAD/SPAWNING-N	36.899	36.628	36.322	35.937	35.524	35.012	34.302	33.402	32.540	31.783	30.997	30.306	29.783	29.315	28.221	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE MAY - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	99.259	98.852	98.502	98.350	98.184	98.304	98.343	98.254	98.276	97.868	97.385	97.050	96.574	95.724	39.704
STEELHEAD/SPAWNING-N	100.000	98.953	98.063	97.147	96.345	95.631	94.890	94.117	93.308	92.771	91.856	91.037	90.162	89.198	88.239	47.367
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	94.789	93.696	92.171	90.625	89.275	87.938	86.662	85.427	84.173	82.964	80.514	79.429	78.274	77.174	76.068	
STEELHEAD/SPAWNING-N	87.268	86.286	85.187	84.006	82.756	81.426	80.127	78.848	77.605	76.496	74.649	73.744	72.779	71.800	70.825	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	75.083	74.364	73.894	73.423	73.000	72.499	72.020	71.644	71.195	70.829	70.541	70.250	69.873	69.552	69.111	
STEELHEAD/SPAWNING-N	69.895	69.005	68.168	67.418	66.709	66.024	65.431	64.937	64.501	64.134	63.757	63.385	62.974	62.581	62.025	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	68.404	67.665	66.854	65.724	64.638	63.852	63.271	62.768	62.249	61.677	60.016	59.071	58.161	57.264	56.314	
STEELHEAD/SPAWNING-N	61.265	60.304	59.410	58.613	57.903	57.252	56.777	56.403	55.962	55.469	53.768	53.180	52.716	52.253	51.786	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	55.327	54.523	53.616	52.678	51.610	50.567	49.599	48.640	47.649	46.858	46.165	45.591	45.098	44.665	44.273	
STEELHEAD/SPAWNING-N	51.143	50.487	49.938	49.394	48.769	48.080	47.342	46.635	45.834	45.040	44.294	43.578	42.916	42.335	41.733	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE JUNE - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	96.455	97.122	98.228	98.914	99.529	99.947	100.000	99.817	99.398	98.870	97.997	96.871	95.621	94.006	91.148	38.077
STEELHEAD/SPAWNING-N	99.599	99.639	100.000	99.980	99.823	99.574	99.070	98.321	97.360	96.374	95.365	94.383	93.422	92.538	90.632	41.403
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	89.872	88.532	87.254	85.973	84.752	83.605	82.499	81.303	80.051	79.086	78.084	77.127	76.320	75.564	74.828	
STEELHEAD/SPAWNING-N	89.649	88.617	87.599	86.525	85.444	84.415	83.444	82.408	81.345	80.300	79.235	78.250	77.414	76.625	75.814	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	74.204	73.532	72.649	71.651	70.774	69.750	68.769	67.981	67.471	67.247	66.999	66.606	66.028	65.468	64.119	
STEELHEAD/SPAWNING-N	74.989	74.062	72.873	71.326	69.979	69.057	68.252	67.493	67.047	66.757	66.391	65.980	65.522	65.181	63.794	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	63.809	63.521	63.274	62.887	62.367	61.667	60.753	59.834	58.793	57.947	57.096	56.237	55.304	54.433	53.667	
STEELHEAD/SPAWNING-N	63.634	63.453	63.195	62.794	62.246	61.708	61.092	60.460	59.729	58.999	58.266	57.552	56.742	55.852	54.963	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	52.844	51.889	50.925	50.130	49.383	48.435	47.590	46.783	45.980	45.173	44.481	43.686	42.795	41.923	41.051	
STEELHEAD/SPAWNING-N	54.154	53.324	52.491	51.610	50.736	49.643	48.556	47.435	46.368	45.301	44.277	43.156	41.983	40.850	39.735	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE AUGUST - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHINOOK/SPAWNING	90.781	94.773	97.951	99.571	100.000	99.450	98.607	98.020	97.323	97.027	96.751	96.561	95.826	94.963	93.658	84.410
CHINOOK/SPAWNING-N	74.298	78.560	82.685	86.413	89.604	92.201	94.781	96.802	98.232	99.121	99.721	100.000	99.759	99.597	99.405	89.530
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINOOK/SPAWNING	92.219	90.702	89.071	87.283	85.659	83.693	81.869	80.005	78.302	76.590	74.869	73.453	72.402	71.412	70.442	
CHINOOK/SPAWNING-N	99.141	98.977	98.743	98.428	97.868	96.871	95.865	94.761	93.629	92.232	90.676	88.998	87.319	85.619	83.834	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINOOK/SPAWNING	69.417	68.425	67.500	66.587	65.819	64.952	64.008	62.915	61.711	60.437	59.472	58.639	57.899	57.354	57.065	
CHINOOK/SPAWNING-N	82.005	80.228	78.699	77.234	75.894	74.592	73.288	71.968	70.711	69.484	68.237	67.095	66.097	65.281	64.496	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINOOK/SPAWNING	56.693	56.033	55.710	55.420	55.214	55.194	55.089	54.918	54.692	54.437	54.236	53.950	53.571	53.159	52.752	
CHINOOK/SPAWNING-N	63.764	62.837	62.156	61.515	60.894	60.336	59.804	59.329	58.918	58.575	58.412	58.323	58.219	58.101	57.993	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINOOK/SPAWNING	52.375	51.698	50.974	50.082	49.229	48.501	47.914	47.414	46.550	45.664	44.385	43.076	41.822	40.663	39.657	
CHINOOK/SPAWNING-N	57.628	57.097	56.357	55.589	54.904	54.267	53.460	52.588	51.610	50.660	49.755	48.830	47.857	46.824	45.854	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE SEPTEMBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .50 (MEDIAN) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
SPECIES/LIFE STAGE		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHINOOK/SPAWNING		82.019	88.447	93.363	97.055	99.149	100.000	99.931	99.254	98.609	97.803	97.498	97.325	97.543	97.342	97.172	85.728
PINK/SPAWNING		55.782	60.121	65.684	68.681	71.282	74.086	75.957	80.455	85.729	88.548	91.028	93.671	97.062	100.000	99.934	84.412
CHINOOK/SPAWNING-N		62.930	67.981	72.927	77.950	82.810	87.161	90.576	93.566	95.698	97.221	98.076	98.825	99.539	99.688	99.876	90.546
PINK/SPAWNING-N		49.555	55.992	62.964	68.042	73.023	76.131	78.826	84.834	90.196	92.197	94.553	97.306	98.963	100.000	99.815	86.994
SPECIES/LIFE STAGE		1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINOOK/SPAWNING		96.602	95.576	94.056	92.198	90.080	88.204	86.110	84.087	82.069	80.141	78.100	76.212	74.629	73.324	72.010	
PINK/SPAWNING		97.633	94.223	91.302	88.095	85.143	81.510	79.576	76.923	74.487	71.511	68.016	65.114	62.426	59.436	56.631	
CHINOOK/SPAWNING-N		100.000	99.882	99.816	99.635	99.449	99.136	98.426	97.612	96.702	95.576	94.105	92.545	90.832	89.037	87.285	
PINK/SPAWNING-N		99.034	97.718	95.476	93.845	92.045	90.166	90.389	89.905	88.543	86.226	83.246	79.970	76.483	72.942	69.608	
SPECIES/LIFE STAGE		3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINOOK/SPAWNING		70.820	69.862	69.042	68.229	67.345	66.427	65.400	64.395	63.258	62.220	61.185	60.356	59.555	58.540	57.636	
PINK/SPAWNING		54.273	52.480	51.505	50.442	49.251	48.505	48.290	48.094	47.872	47.645	47.040	46.510	46.049	45.804	45.517	
CHINOOK/SPAWNING-N		85.453	83.586	81.786	80.162	78.556	77.117	75.766	74.520	73.270	72.052	70.802	69.485	68.269	67.126	66.167	
PINK/SPAWNING-N		66.749	64.816	63.537	62.203	60.651	59.557	59.015	58.309	57.303	56.165	54.846	53.564	52.513	51.776	51.156	
SPECIES/LIFE STAGE		4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINOOK/SPAWNING		56.911	56.053	55.390	54.834	54.484	53.923	53.828	53.576	53.395	53.276	53.284	53.457	53.424	53.186	52.716	
PINK/SPAWNING		45.296	45.094	44.967	44.788	44.536	44.187	43.917	43.593	43.397	43.029	42.648	42.313	41.966	41.366	40.583	
CHINOOK/SPAWNING-N		65.240	64.355	63.594	62.885	62.234	61.308	60.585	59.878	59.240	58.718	58.287	58.040	57.853	57.657	57.521	
PINK/SPAWNING-N		50.675	50.190	49.725	49.249	48.757	48.015	47.463	46.903	46.778	46.373	45.978	45.489	44.998	44.237	43.462	
SPECIES/LIFE STAGE		6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINOOK/SPAWNING		52.233	51.766	51.122	50.478	49.622	48.808	48.086	47.649	47.242	46.617	45.977	44.836	43.711	42.434	41.106	
PINK/SPAWNING		39.642	38.542	37.522	36.521	35.636	34.650	33.647	32.555	31.587	30.658	29.497	28.313	26.937	25.696	24.577	
CHINOOK/SPAWNING-N		57.427	57.116	56.703	56.099	55.451	54.853	54.156	53.389	52.546	51.624	50.786	49.894	49.031	48.079	47.057	
PINK/SPAWNING-N		42.665	41.826	40.975	40.047	39.017	37.937	36.832	35.844	34.892	33.862	32.735	31.590	30.390	29.323	28.328	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE  
 OCTOBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET)  
 GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)

SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHINDJK/SPAWNING	100.000	98.676	97.137	95.679	94.280	93.485	93.004	92.595	92.347	92.018	91.762	91.428	90.912	90.577	89.812	74.632
PINK/SPAWNING	69.429	71.760	76.755	82.445	85.800	89.027	92.636	96.680	99.913	100.000	97.778	95.076	93.127	91.075	89.070	81.263
CHINDJK/SPAWNING-N	98.747	99.668	100.000	99.997	99.616	99.210	98.956	98.563	98.110	97.474	96.569	95.662	94.939	94.269	93.787	83.937
PINK/SPAWNING-N	75.045	77.623	83.586	88.738	90.613	93.436	96.821	98.916	100.000	99.824	98.932	97.957	96.223	95.409	94.323	83.369
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINDJK/SPAWNING	89.153	88.421	87.226	86.059	84.733	83.239	81.933	80.848	79.754	78.542	77.289	75.899	74.390	73.065	71.714	
PINK/SPAWNING	86.501	84.832	81.748	78.596	75.000	71.148	67.859	65.059	62.214	59.535	56.906	55.203	54.234	53.384	52.520	
CHINDJK/SPAWNING-N	93.374	92.944	92.426	91.818	91.214	90.376	89.456	88.209	86.741	85.305	83.750	82.122	80.589	78.939	77.452	
PINK/SPAWNING-N	93.237	93.611	93.023	91.634	89.227	86.420	83.291	79.769	76.427	73.196	70.053	68.150	66.951	65.856	64.496	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINDJK/SPAWNING	70.442	69.457	68.838	68.301	67.443	67.094	66.794	66.321	65.897	65.445	64.961	64.344	63.786	63.053	62.400	
PINK/SPAWNING	51.779	51.359	51.027	50.545	49.951	49.255	48.919	48.666	48.703	48.409	47.973	47.481	47.147	46.876	46.489	
CHINDJK/SPAWNING-N	76.177	75.090	74.097	73.047	71.650	70.629	69.688	68.888	68.211	67.579	67.020	66.439	65.852	65.283	64.751	
PINK/SPAWNING-N	63.281	62.504	61.801	60.646	59.146	57.600	56.351	55.393	54.833	54.304	53.742	52.949	52.233	51.497	50.733	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINDJK/SPAWNING	61.870	61.372	61.201	60.941	60.591	60.004	59.590	59.154	58.567	57.806	56.628	55.217	54.109	53.195	52.660	
PINK/SPAWNING	45.983	45.490	44.948	44.626	44.149	43.521	42.679	41.860	40.721	39.540	38.452	37.436	36.348	35.184	34.073	
CHINDJK/SPAWNING-N	54.230	63.733	63.332	62.973	62.655	62.283	61.931	61.563	60.922	60.173	59.285	58.454	57.631	56.889	56.003	
PINK/SPAWNING-N	49.906	49.205	48.529	48.207	47.477	46.737	45.893	45.128	44.215	43.268	42.338	41.191	39.996	38.772	37.682	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINDJK/SPAWNING	52.014	51.331	50.313	49.205	47.834	46.584	45.351	43.742	42.112	40.605	39.452	38.322	37.271	36.317	35.354	
PINK/SPAWNING	33.003	31.972	30.868	29.638	28.353	27.107	25.933	25.012	24.166	23.422	22.642	21.838	21.034	20.279	19.560	
CHINDJK/SPAWNING-N	54.976	53.969	52.915	51.886	50.412	49.351	48.378	47.324	46.252	45.261	44.244	43.242	42.160	40.861	39.540	
PINK/SPAWNING-N	36.589	35.574	34.620	33.579	32.483	31.416	30.379	29.447	28.537	27.567	26.640	25.716	24.805	23.967	23.184	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE NOVEMBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHUM/SPAWNING	100.000	99.045	97.697	96.310	94.974	93.794	92.555	91.344	90.263	89.323	88.517	87.704	86.875	86.213	85.641	45.646
CHUM/SPAWNING-N	100.000	98.610	97.110	95.504	93.856	92.229	90.587	88.965	87.390	85.960	84.662	83.374	82.122	80.923	79.725	62.684
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHUM/SPAWNING	85.197	84.360	83.388	82.318	81.512	80.788	80.389	79.907	79.423	78.711	78.605	78.383	78.099	77.763	77.493	
CHUM/SPAWNING-N	78.653	77.426	76.173	74.985	73.938	72.941	72.059	71.037	70.028	68.722	68.010	67.364	66.769	66.208	65.798	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHUM/SPAWNING	77.300	77.005	76.697	76.336	75.976	75.624	75.209	74.540	73.802	73.088	72.335	71.413	70.593	69.684	68.677	
CHUM/SPAWNING-N	65.431	64.980	64.522	64.033	63.505	62.952	62.367	61.597	60.700	59.840	59.013	58.158	57.354	56.537	55.729	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHUM/SPAWNING	67.605	66.531	65.559	64.755	63.906	63.061	62.255	61.353	60.466	59.223	58.236	57.196	56.074	54.982	53.990	
CHUM/SPAWNING-N	54.927	54.152	53.398	52.665	51.970	51.277	50.551	49.756	48.978	47.731	46.942	46.152	45.365	44.690	44.104	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHUM/SPAWNING	52.969	51.998	51.054	50.163	49.457	48.756	48.009	47.245	46.626	46.073	45.644	45.270	45.011	44.838	44.629	
CHUM/SPAWNING-N	43.519	42.966	42.444	41.953	41.512	41.076	40.624	40.158	39.701	39.234	38.763	38.295	37.842	37.434	37.069	

Table I (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE DECEMBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET)		GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)														
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHUM/SPAWNING	100.000	99.586	99.450	99.445	99.203	98.863	98.606	98.367	98.045	97.690	97.041	96.381	95.991	95.505	94.812	39.930
CHUM/SPAWNING-N	100.000	98.751	97.678	96.747	95.746	94.759	93.910	93.110	92.272	91.392	90.342	89.334	88.548	87.793	86.885	51.431
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHUM/SPAWNING	93.435	92.860	92.463	92.122	91.620	90.986	90.331	89.744	89.091	88.449	87.513	86.644	85.714	84.745	83.620	
CHUM/SPAWNING-N	85.283	84.422	83.640	82.834	81.984	81.109	80.364	79.717	79.061	78.487	77.689	76.784	75.825	74.890	73.867	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHUM/SPAWNING	82.704	81.732	80.535	79.256	78.026	77.020	76.234	75.472	74.649	73.787	72.875	71.921	70.964	69.845	68.645	
CHUM/SPAWNING-N	72.883	71.833	70.708	69.590	68.537	67.554	66.607	65.722	64.834	63.910	62.980	62.095	61.269	60.351	59.365	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHUM/SPAWNING	66.942	65.758	64.674	63.597	62.552	61.478	60.363	59.417	58.455	57.528	56.614	55.839	55.120	54.479	53.840	
CHUM/SPAWNING-N	57.753	56.863	56.093	55.375	54.698	54.028	53.360	52.750	52.159	51.579	51.015	50.461	49.879	49.267	48.646	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHUM/SPAWNING	53.323	52.915	52.553	52.137	51.794	51.490	51.166	50.863	50.562	50.196	49.890	49.641	49.424	49.227	49.022	
CHUM/SPAWNING-N	48.034	47.471	46.981	46.416	45.893	45.425	44.941	44.485	44.036	43.586	43.203	42.886	42.607	42.328	42.027	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE FEBRUARY - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	97.937	96.120	95.309	94.097	92.921	91.639	90.624	89.867	89.363	88.935	88.894	88.537	87.989	87.353	44.965
STEELHEAD/SPAWNING-N	100.000	97.948	96.051	94.925	93.436	91.922	90.553	89.209	87.809	86.577	85.443	84.745	83.719	82.662	81.560	54.505
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	86.741	85.816	84.570	83.265	81.900	80.712	79.749	78.777	77.941	77.012	75.985	74.951	73.902	72.905	71.916	
STEELHEAD/SPAWNING-N	80.543	79.525	78.486	77.428	76.345	75.300	74.167	73.033	71.907	70.745	69.650	68.514	67.438	66.323	65.266	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	70.955	69.967	68.946	67.076	66.603	66.185	65.740	65.314	64.960	64.715	64.515	64.224	63.887	63.619	63.248	
STEELHEAD/SPAWNING-N	64.291	63.333	62.556	61.084	60.489	59.934	59.426	58.939	58.534	58.194	57.866	57.506	57.085	56.678	56.317	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	62.954	62.714	62.512	62.270	61.918	61.344	60.560	59.722	58.950	57.915	56.855	55.938	55.049	54.148	53.262	
STEELHEAD/SPAWNING-N	56.031	55.742	55.468	55.108	54.717	54.149	53.418	52.434	51.511	50.756	49.986	49.206	48.536	47.937	47.292	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	52.328	51.169	49.992	48.272	47.383	46.493	45.638	44.868	44.171	43.392	42.449	41.664	40.933	40.316	39.837	
STEELHEAD/SPAWNING-N	46.665	45.970	45.268	43.815	43.403	42.986	42.519	42.010	41.421	40.856	40.240	39.629	39.051	38.457	37.840	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE		GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)															
MARCH - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET)		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
SPECIES/LIFE STAGE																	
STEELHEAD/SPAWNING	100.000	96.875	93.839	91.149	89.285	87.044	85.011	83.229	81.737	80.812	79.610	78.387	76.968	75.757	74.753		55.267
STEELHEAD/SPAWNING-N	100.000	96.968	94.152	91.560	89.572	87.281	85.224	83.360	81.639	80.373	78.782	77.274	75.801	74.433	73.056		66.496
SPECIES/LIFE STAGE		1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	74.066	73.246	72.398	71.348	70.297	69.214	68.043	66.898	65.769	64.524	63.583	62.779	62.087	61.406	60.870		
STEELHEAD/SPAWNING-N	71.927	70.666	69.513	68.462	67.441	66.397	65.314	64.232	63.020	61.876	60.821	59.796	58.835	57.918	57.044		
SPECIES/LIFE STAGE		3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	60.270	59.462	58.733	57.945	57.215	56.565	55.980	55.540	55.135	53.904	53.647	53.399	53.146	52.929	52.749		
STEELHEAD/SPAWNING-N	56.155	55.291	54.412	53.473	52.615	51.833	51.176	50.557	50.028	48.933	48.609	48.340	48.111	47.895	47.630		
SPECIES/LIFE STAGE		4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	52.659	52.516	52.329	52.107	51.892	51.646	51.392	51.181	50.959	50.637	50.234	49.813	49.345	48.634	47.797		
STEELHEAD/SPAWNING-N	47.370	47.075	46.802	46.521	46.237	45.954	45.696	45.512	45.334	45.052	44.679	44.299	43.840	43.146	42.215		
SPECIES/LIFE STAGE		6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	47.012	45.895	44.688	43.571	42.555	41.638	40.749	39.926	39.015	37.486	36.709	35.996	35.327	34.653	34.032		
STEELHEAD/SPAWNING-N	41.345	40.534	39.703	38.901	38.249	37.647	37.008	36.421	35.866	34.607	34.232	33.825	33.405	32.988	32.477		

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE APRIL - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	100.000	97.593	95.534	93.540	92.270	90.726	89.421	88.080	87.018	86.025	85.012	84.097	83.331	82.856	82.160	48.812
STEELHEAD/SPAWNING-N	100.000	97.603	95.438	93.400	92.145	90.520	89.995	87.527	86.125	84.775	83.521	82.283	81.112	80.151	78.990	58.285
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	81.495	80.912	80.039	78.835	77.423	75.861	74.404	73.330	72.368	71.559	70.680	69.705	68.742	67.781	66.853	
STEELHEAD/SPAWNING-N	77.879	76.878	75.855	74.782	73.694	72.570	71.485	70.332	69.223	68.095	66.936	65.799	64.682	63.607	62.597	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	66.004	65.073	64.176	63.296	61.590	61.111	60.774	60.391	60.009	59.619	59.381	59.299	59.241	59.120	58.980	
STEELHEAD/SPAWNING-N	61.594	60.622	59.640	58.783	57.299	56.670	56.138	55.628	55.122	54.670	54.294	53.918	53.591	53.262	52.894	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	58.668	58.338	58.092	57.742	57.473	57.317	57.003	56.552	56.123	55.583	54.848	53.932	53.068	52.016	50.959	
STEELHEAD/SPAWNING-N	52.503	52.168	51.900	51.619	51.359	51.116	50.854	50.489	50.114	49.650	49.016	48.097	47.179	46.358	45.503	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	49.880	48.866	47.834	46.833	45.113	44.210	43.307	42.483	41.696	40.973	40.296	39.508	38.726	37.992	37.238	
STEELHEAD/SPAWNING-N	44.633	43.962	43.338	42.694	41.138	40.461	39.942	39.562	39.163	38.684	38.148	37.612	37.063	36.512	35.952	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE MAY - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	98.822	99.338	99.736	100.000	99.945	99.632	99.114	97.262	96.605	95.715	94.557	93.112	91.693	90.394	89.088	37.205
STEELHEAD/SPAWNING-N	99.955	100.000	99.874	99.660	99.153	98.556	97.968	96.276	95.624	94.888	94.069	93.075	92.106	91.110	90.125	39.862
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	87.714	86.331	85.126	83.894	82.793	81.777	80.937	79.888	78.867	77.718	76.402	75.186	74.112	72.803	71.489	
STEELHEAD/SPAWNING-N	88.999	87.823	86.648	85.580	84.700	83.834	83.004	81.999	80.969	79.808	78.456	76.834	75.359	74.152	72.947	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	70.483	69.739	69.284	68.942	68.712	68.350	67.922	66.600	66.284	65.979	65.737	65.487	65.307	65.096	64.658	
STEELHEAD/SPAWNING-N	71.876	71.152	70.630	70.115	69.748	69.341	69.016	67.563	67.394	67.250	67.077	66.820	66.461	66.110	65.597	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	64.060	63.330	62.488	61.589	60.855	60.135	59.430	58.662	57.827	56.929	55.989	55.036	53.987	52.647	51.343	
STEELHEAD/SPAWNING-N	65.031	64.456	63.834	63.078	62.235	61.438	60.758	60.068	59.364	58.540	57.629	56.750	55.791	54.566	53.281	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	50.158	49.022	47.974	47.103	46.139	45.080	44.007	43.020	42.063	41.143	40.253	39.345	38.409	37.451	36.499	
STEELHEAD/SPAWNING-N	51.942	50.700	49.446	48.158	46.821	45.423	44.067	42.751	41.530	40.386	39.263	38.165	37.084	35.997	34.931	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE JUNE - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET) GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)																
SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
STEELHEAD/SPAWNING	99.800	100.000	99.800	99.667	99.373	98.689	97.691	96.590	94.908	92.941	91.039	89.290	87.522	85.916	84.545	34.728
STEELHEAD/SPAWNING-N	100.000	99.854	99.359	98.762	98.110	97.305	96.426	95.475	94.132	92.488	90.508	88.746	87.237	85.830	84.634	37.346
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
STEELHEAD/SPAWNING	83.349	82.297	81.388	80.551	79.652	78.662	77.708	76.789	75.041	74.561	74.159	73.848	73.609	73.297	72.920	
STEELHEAD/SPAWNING-N	83.781	83.202	82.671	82.101	81.461	80.877	80.403	79.861	78.037	77.646	77.195	76.801	76.462	76.008	75.407	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
STEELHEAD/SPAWNING	72.515	72.305	72.146	71.950	71.768	71.688	71.368	70.915	70.325	69.652	68.812	67.872	66.795	65.568	64.252	
STEELHEAD/SPAWNING-N	74.833	74.355	73.878	73.326	72.734	72.153	71.446	70.691	69.915	69.138	68.377	67.507	66.373	65.263	64.151	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
STEELHEAD/SPAWNING	62.861	61.417	59.937	58.206	56.439	54.652	52.793	50.976	49.288	47.715	46.255	44.874	43.531	42.229	40.935	
STEELHEAD/SPAWNING-N	62.950	61.608	60.152	58.519	56.799	55.084	53.293	51.462	49.612	47.893	46.172	44.552	43.022	41.570	40.125	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
STEELHEAD/SPAWNING	39.724	38.579	37.440	36.287	35.165	34.092	33.026	31.971	30.960	30.000	29.076	28.184	27.254	26.296	25.341	
STEELHEAD/SPAWNING-N	38.723	37.466	36.255	35.037	33.830	32.650	31.477	30.373	29.321	28.309	27.347	26.425	25.527	24.633	23.754	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE  
 AUGUST - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET)  
 GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)

SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHINOOK/SPAWNING	100.000	98.655	97.391	96.153	94.941	94.048	93.450	92.895	92.470	92.429	92.449	92.452	92.000	91.701	91.280	72.772
CHINOOK/SPAWNING-N	98.519	99.465	99.833	100.000	99.702	99.088	98.781	98.439	97.926	97.293	96.435	95.443	94.597	93.888	93.301	82.984
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINOOK/SPAWNING	90.955	90.247	89.273	88.212	87.198	85.830	84.385	83.297	81.996	80.540	79.118	77.735	76.290	75.103	73.852	
CHINOOK/SPAWNING-N	92.739	92.397	92.044	91.706	91.243	90.675	89.819	88.768	87.417	86.060	84.637	83.122	81.556	79.970	78.421	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINOOK/SPAWNING	72.719	71.766	71.165	70.200	69.674	69.334	69.094	68.678	68.056	67.481	66.782	66.063	65.429	64.737	64.081	
CHINOOK/SPAWNING-N	77.085	75.943	74.878	73.532	72.486	71.516	70.690	69.921	69.277	68.704	68.163	67.555	66.934	66.344	65.765	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINOOK/SPAWNING	63.507	62.941	62.575	62.315	61.887	61.442	60.922	60.373	59.792	58.866	57.722	56.300	55.218	54.438	53.972	
CHINOOK/SPAWNING-N	65.195	64.619	64.131	63.749	63.393	63.018	62.674	62.177	61.539	60.721	59.810	58.950	58.162	57.386	56.498	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINOOK/SPAWNING	53.372	52.786	51.707	50.227	49.030	47.799	46.543	44.890	43.213	41.653	40.472	39.341	38.318	37.321	36.306	
CHINOOK/SPAWNING-N	55.442	54.422	53.413	51.902	50.852	49.768	48.796	47.696	46.522	45.655	44.664	43.639	42.526	41.202	39.899	

Table 1 (continued).

SKAGIT RIVER WEIGHTED USABLE AREA AS A PERCENT OF THE MAXIMUM WUA FOR GORGE DAM RELEASES OF 0 TO 7400 CFS, BY SPECIES/LIFE STAGE  
 SEPTEMBER - TRIBUTARY INFLOW EXCEEDANCE PROBABILITY = .10 (WET)  
 GORGE POWERHOUSE (RM 94.2) TO SAUK RIVER (RM 67.1)

SPECIES/LIFE STAGE	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	MAX %
CHINOOK/SPAWNING	99.513100	99.564	98.988	98.077	97.624	97.001	96.124	95.055	94.179	93.851	93.193	92.369	91.227	90.394	80.719	
PINK/SPAWNING	63.284	65.688	68.345	71.632	73.757	78.466	83.916	86.927	89.693	93.014	96.867	100.000	99.893	97.508	94.090	82.784
CHINOOK/SPAWNING-N	87.631	90.925	93.825	96.430	97.970	99.200	99.816	100.000	99.833	99.582	99.685	99.528	99.238	98.801	98.340	86.760
PINK/SPAWNING-N	63.745	68.254	72.741	75.730	78.452	84.444	89.554	91.397	93.708	96.918	98.925	100.000	99.683	98.889	97.567	85.122
SPECIES/LIFE STAGE	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	
CHINOOK/SPAWNING	89.645	88.498	87.154	85.731	84.473	83.071	81.389	79.906	78.702	77.543	76.371	75.227	74.144	72.988	71.779	
PINK/SPAWNING	91.348	88.724	86.738	83.580	81.595	78.658	75.903	72.710	69.217	66.020	63.197	60.228	57.502	55.074	53.218	
CHINOOK/SPAWNING-N	97.773	97.037	96.506	95.985	95.319	94.430	93.480	92.537	91.445	90.078	88.574	87.016	85.381	83.848	82.242	
PINK/SPAWNING-N	95.434	94.175	93.279	91.880	91.943	91.378	89.788	87.157	84.107	80.705	77.256	73.733	70.677	67.947	66.051	
SPECIES/LIFE STAGE	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	
CHINOOK/SPAWNING	70.700	69.553	68.540	67.311	65.784	64.277	63.247	62.410	61.697	61.089	60.739	59.953	59.469	59.035	58.756	
PINK/SPAWNING	52.310	51.424	50.663	50.115	49.829	49.450	49.187	48.757	48.036	47.599	47.478	47.456	47.305	46.955	46.477	
CHINOOK/SPAWNING-N	80.620	79.120	77.622	76.209	74.815	73.581	72.399	71.160	69.987	68.910	67.989	66.906	66.124	65.367	64.662	
PINK/SPAWNING-N	64.901	63.743	62.530	61.385	60.541	59.694	58.715	57.390	55.840	54.572	53.726	53.189	52.695	52.239	51.697	
SPECIES/LIFE STAGE	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500	5600	5700	5800	5900	
CHINOOK/SPAWNING	58.524	58.305	58.043	57.680	57.356	56.905	56.683	56.455	56.084	55.693	55.278	54.945	54.470	53.828	52.987	
PINK/SPAWNING	46.078	45.852	45.527	45.141	44.697	44.228	43.989	43.552	43.015	42.423	41.661	40.678	39.533	38.455	37.456	
CHINOOK/SPAWNING-N	63.975	63.314	62.699	62.109	61.552	61.099	60.837	60.682	60.517	60.301	60.152	59.853	59.264	58.587	57.773	
PINK/SPAWNING-N	50.971	50.328	49.665	48.941	48.205	47.581	47.412	46.831	46.050	45.332	44.663	43.800	42.987	42.157	41.339	
SPECIES/LIFE STAGE	6000	6100	6200	6300	6400	6500	6600	6700	6800	6900	7000	7100	7200	7300	7400	
CHINOOK/SPAWNING	51.959	51.163	50.463	50.075	49.308	48.423	47.132	45.702	44.460	43.313	42.206	40.545	39.117	37.765	36.669	
PINK/SPAWNING	36.574	35.592	34.478	33.245	32.118	31.088	29.938	28.671	27.332	26.125	24.995	24.152	23.379	22.688	21.997	
CHINOOK/SPAWNING-N	57.053	56.376	55.642	54.855	53.863	52.863	51.863	50.878	49.916	48.916	47.978	46.457	45.398	44.405	43.395	
PINK/SPAWNING-N	40.285	39.054	37.864	36.678	35.529	34.502	33.499	32.374	31.273	30.236	29.214	28.337	27.485	26.676	25.858	

2.005, MAP002, TS, 00  
 21.43.25.42LP,

Appendix G. Tables of Gorge release (cfs) providing indicated percent of maximum effective spawning WUA for chinook, pink and chum salmon using the IFG effective spawning habitat program and reach extrapolation procedure II.

LIST OF TABLES

<u>Number</u>		<u>Page</u>
1	Gorge release (cfs) providing indicated % of max effective spawning WUA - chinook. . . . .	G1
2	Gorge release (cfs) providing indicated % of max effective spawning WUA - pink . . . . .	G106
3	Gorge release (cfs) providing indicated % of max effective spawning WUA - chum . . . . .	G196

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	800	800	700	700	500	500	400	400	200	0	0	0
	.50	700	700	500	500	400	300	200	200	0	0	0	0
	.10	300	300	0	0	0	0	0	0	0	0	0	0
	.90	1200	1000	800	700	700	500	500	400	300	100	0	0
	.50	900	800	600	600	500	400	300	200	100	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1600	1600	1200	1000	800	700	700	600	400	200	100	0
	.50	900	900	800	800	500	500	400	300	200	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
1500	.90	1000	800	800	700	500	500	500	400	200	100	0	0
	.50	800	700	500	600	400	300	300	200	100	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1200	1000	900	800	700	600	500	500	300	100	0	0
	.50	900	800	700	600	500	400	300	300	100	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1600	1600	1200	1100	900	800	700	600	400	200	100	100
	.50	900	900	900	800	700	500	400	400	200	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
1600	.90	1100	1000	800	800	700	500	500	400	300	100	0	0
	.50	900	800	700	600	500	400	300	300	100	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1200	1100	1000	900	800	700	600	500	300	200	100	0
	.50	900	900	800	800	600	500	400	300	100	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
	.90	1800	1600	1400	1200	1000	800	700	700	400	300	200	100
	.50	1200	900	900	900	800	600	500	400	200	0	0	0
	.10	600	500	500	400	300	0	0	0	0	0	0	0
1700	.90	1100	1000	900	800	700	600	500	500	300	100	0	0
	.50	900	900	800	700	600	400	300	300	100	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
	.90	1200	1200	1100	1000	900	700	600	500	300	200	100	0
	.50	900	900	900	800	600	500	400	300	200	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
	.90	1900	1700	1400	1400	1100	900	800	700	500	300	200	100
	.50	1300	1200	1000	900	800	600	600	500	200	100	0	0
	.10	700	600	500	500	400	100	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK;  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1300	.90	1200	1100	1000	900	800	700	500	500	300	100	100	0
	.50	900	900	900	800	600	500	400	300	100	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
	.90	1500	1200	1100	1000	900	700	700	600	400	200	100	0
	.50	1200	900	900	900	700	600	400	400	200	0	0	0
	.10	600	500	500	400	300	0	0	0	0	0	0	0
	.90	2000	1900	1500	1400	1200	1000	900	800	500	300	200	100
	.50	1300	1200	1200	1100	900	800	600	600	300	100	0	0
	.10	700	700	700	600	500	200	0	0	0	0	0	0
1900	.90	1200	1100	1000	1000	800	700	600	500	300	200	100	0
	.50	900	900	900	900	700	500	400	300	200	0	0	0
	.10	500	500	500	400	300	0	0	0	0	0	0	0
	.90	1500	1400	1200	1100	1000	800	700	600	400	200	100	100
	.50	1300	1200	1000	900	800	600	500	400	200	0	0	0
	.10	700	600	500	500	400	100	0	0	0	0	0	0
2000	.90	2000	1900	1600	1500	1200	1100	1000	900	600	400	300	200
	.50	1300	1300	1200	1100	1000	800	700	600	300	100	0	0
	.10	700	700	700	700	500	300	100	0	0	0	0	0
	.90	1400	1100	1100	1000	900	800	700	600	400	200	100	0
	.50	1200	1000	900	900	800	600	500	400	200	0	0	0
	.10	600	600	500	500	300	0	0	0	0	0	0	0
	.90	1600	1500	1400	1200	1000	900	800	700	500	300	200	100
	.50	1300	1200	1100	1000	900	700	600	500	200	100	0	0
	.10	700	700	700	600	500	200	0	0	0	0	0	0
2100	.90	2000	2000	1600	1500	1400	1100	1000	900	600	400	300	200
	.50	1500	1400	1200	1200	1100	900	800	600	300	100	0	0
	.10	900	800	700	700	600	400	200	0	0	0	0	0
	.90	1500	1400	1200	1100	1000	800	700	600	400	200	100	100
	.50	1300	1200	1100	1000	900	700	600	400	200	0	0	0
	.10	700	700	700	600	400	200	0	0	0	0	0	0
	.90	1600	1600	1400	1200	1100	1000	800	800	500	300	200	100
	.50	1300	1300	1200	1100	900	800	600	600	300	100	0	0
	.10	700	700	700	700	500	300	100	0	0	0	0	0
	.90	2100	2000	1700	1500	1400	1200	1100	1000	700	500	300	200
	.50	1700	1400	1300	1200	1100	900	800	700	400	200	0	0
	.10	1100	800	700	700	500	400	300	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING MUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1500	1400	1200	1200	1100	900	800	700	500	300	100	100
	.50	1300	1200	1100	1100	900	800	600	500	200	0	0	0
	.10	700	700	700	600	500	300	0	0	0	0	0	0
	.90	1700	1600	1500	1400	1200	1000	900	800	500	300	200	100
	.50	1500	1400	1200	1200	1000	900	700	600	300	100	0	0
	.10	900	800	700	700	600	400	200	0	0	0	0	0
	.90	2500	2000	1700	1600	1500	1300	1200	1000	700	500	300	200
	.50	1700	1500	1300	1200	1100	1000	900	800	400	200	100	0
	.10	1100	900	800	700	600	500	300	200	0	0	0	0
2300	.90	1500	1500	1400	1200	1100	1000	800	800	500	300	200	100
	.50	1300	1300	1200	1100	1000	800	600	600	300	100	0	0
	.10	800	700	700	700	500	400	100	0	0	0	0	0
	.90	1900	1600	1500	1400	1200	1100	1000	900	600	400	200	200
	.50	1700	1400	1300	1200	1100	900	800	700	300	100	0	0
	.10	1100	800	700	700	600	400	300	100	0	0	0	0
2400	.90	2500	2000	1900	1700	1500	1400	1200	1100	800	500	400	300
	.50	1800	1700	1300	1300	1200	1000	900	900	500	200	100	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0
	.90	1700	1600	1400	1400	1200	1000	900	800	500	300	200	100
	.50	1500	1400	1200	1200	1000	900	700	600	300	100	0	0
	.10	900	800	700	700	600	400	300	0	0	0	0	0
	.90	1900	1700	1500	1500	1300	1100	1000	1000	600	400	300	200
	.50	1700	1500	1300	1200	1100	900	800	700	400	200	0	0
	.10	1100	900	800	700	600	500	300	200	0	0	0	0
	.90	2500	2000	1900	1700	1500	1400	1300	1200	800	600	400	300
	.50	1800	1700	1500	1300	1200	1100	1000	900	600	300	100	0
	.10	1100	1100	900	800	700	600	400	300	0	0	0	0
2500	.90	1900	1600	1500	1400	1200	1100	1000	900	500	300	200	100
	.50	1700	1400	1300	1200	1100	900	800	700	300	100	0	0
	.10	1100	800	700	700	600	500	300	100	0	0	0	0
	.90	1900	1900	1600	1500	1400	1200	1100	1000	700	500	300	200
	.50	1700	1700	1300	1300	1100	1000	900	800	400	200	100	0
	.10	1100	1100	800	700	700	500	300	100	0	0	0	0
	.90	2500	2100	1900	1800	1500	1500	1400	1200	900	600	400	300
	.50	1800	1700	1500	1400	1200	1100	1000	1000	600	300	200	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1900	1700	1500	1500	1200	1100	1000	900	600	400	200	100
	.50	1700	1500	1300	1300	1100	900	800	700	400	100	0	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0
	.90	1900	1900	1600	1500	1400	1200	1100	1000	700	500	300	200
	.50	1700	1700	1500	1300	1200	1000	900	800	500	200	100	0
	.10	1100	1100	900	800	700	600	400	300	0	0	0	0
	.90	2600	2400	2000	1900	1600	1500	1400	1300	1000	700	500	400
	.50	1800	1700	1500	1500	1300	1200	1100	1000	700	300	200	100
	.10	1200	1100	1100	800	700	600	500	400	0	0	0	0
2700	.90	1900	1900	1600	1500	1400	1200	1000	1000	600	400	300	200
	.50	1700	1700	1400	1300	1200	1000	900	800	400	200	0	0
	.10	1100	1100	800	800	700	500	400	300	0	0	0	0
	.90	2000	1900	1700	1600	1500	1400	1200	1100	800	500	400	300
	.50	1700	1700	1500	1300	1200	1100	1000	900	500	200	100	0
	.10	1100	1100	1000	800	700	600	500	400	0	0	0	0
	.90	2600	2500	2000	1900	1700	1500	1500	1400	1000	700	500	400
	.50	1800	1800	1600	1500	1300	1200	1100	1000	700	400	200	100
	.10	1300	1100	1100	900	700	700	600	500	0	0	0	0
2800	.90	1900	1900	1600	1500	1400	1200	1100	1000	700	500	300	200
	.50	1700	1700	1500	1300	1200	1000	900	800	400	200	100	0
	.10	1100	1100	900	800	700	600	500	300	0	0	0	0
	.90	2200	1900	1700	1600	1500	1400	1200	1200	900	500	400	300
	.50	1800	1700	1500	1400	1200	1100	1000	900	600	300	100	0
	.10	1200	1100	1100	800	700	600	500	400	0	0	0	0
	.90	3500	2600	2000	2000	1800	1600	1500	1400	1100	800	600	400
	.50	2700	1800	1700	1500	1500	1200	1200	1100	800	400	300	100
	.10	1300	1100	1100	900	800	700	600	500	100	0	0	0
	.90	1900	1900	1600	1600	1400	1300	1200	1100	800	500	300	200
	.50	1700	1700	1500	1300	1200	1100	1000	900	500	200	100	0
	.10	1100	1100	1100	800	700	600	500	400	0	0	0	0
	.90	2200	2000	1900	1700	1500	1400	1300	1200	900	600	400	300
	.50	1800	1700	1500	1500	1300	1100	1000	1000	600	300	200	100
	.10	1300	1100	1100	900	700	700	500	400	0	0	0	0
	.90	3500	2600	2200	2000	1900	1600	1500	1500	1100	800	600	500
	.50	2700	2000	1700	1600	1500	1300	1200	1100	800	500	300	200
	.10	1400	1100	1100	1000	800	700	600	500	100	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOCK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	2000	1900	1700	1600	1500	1400	1200	1100	800	500	400	300
	.50	1800	1700	1500	1400	1200	1100	1000	900	600	300	100	0
	.10	1300	1100	1100	900	700	600	500	400	0	0	0	0
	.90	2200	2000	1900	1700	1600	1500	1400	1300	1000	600	500	400
	.50	1800	1700	1500	1500	1300	1200	1100	1000	700	300	200	100
	.10	1300	1100	1100	900	800	700	600	500	0	0	0	0
	.90	3500	2600	2400	2000	1900	1700	1600	1500	1200	900	700	500
	.50	2700	2100	1800	1700	1500	1300	1200	1200	900	600	300	200
	.10	1700	1500	1100	1100	800	700	700	600	200	0	0	0
3100	.90	2000	1900	1700	1600	1500	1400	1300	1200	900	600	400	300
	.50	1800	1700	1500	1500	1300	1100	1000	1000	600	300	200	0
	.10	1300	1100	1100	900	800	700	600	500	0	0	0	0
	.90	2500	2000	1900	1900	1600	1500	1400	1400	1000	700	500	400
	.50	1800	1700	1600	1500	1300	1200	1100	1100	800	400	200	100
	.10	1400	1100	1100	1000	800	700	600	500	100	0	0	0
	.90	3500	2700	2400	2300	2000	1800	1600	1500	1200	900	700	600
	.50	2700	2200	1900	1800	1600	1500	1300	1200	900	600	400	300
	.10	1700	1600	1200	1100	900	800	700	600	300	0	0	0
	.90	2200	1900	1900	1700	1500	1400	1300	1200	900	600	400	300
	.50	1800	1700	1500	1500	1300	1200	1100	1000	700	300	200	100
	.10	1400	1100	1100	900	800	700	600	500	0	0	0	0
	.90	2500	2200	2000	1900	1700	1500	1500	1400	1000	700	600	400
	.50	2200	1900	1700	1500	1500	1300	1200	1100	800	500	300	200
	.10	1700	1500	1100	1100	800	700	600	600	200	0	0	0
	.90	3500	2700	2400	2300	2000	1900	1700	1600	1300	1000	800	700
	.50	2700	2200	2000	1900	1700	1500	1400	1300	1000	700	500	300
	.10	1700	1700	1400	1100	900	800	700	700	400	0	0	0
	.90	2400	2000	1900	1800	1600	1500	1400	1300	1000	600	500	400
	.50	2200	1900	1700	1500	1300	1200	1100	1000	700	400	200	100
	.10	1700	1500	1100	1100	800	700	600	500	100	0	0	0
	.90	2500	2400	2000	2000	1900	1600	1500	1500	1100	800	600	500
	.50	2200	2100	1800	1700	1500	1300	1200	1200	900	500	300	200
	.10	1700	1600	1200	1100	900	700	700	600	300	0	0	0
	.90	3500	2700	2500	2400	2000	1900	1700	1700	1400	1000	800	700
	.50	2700	2200	2000	1900	1700	1500	1500	1300	1000	700	500	300
	.10	1800	1700	1500	1200	1000	800	800	700	400	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2400	2300	1900	1900	1500	1500	1500	1400	1000	700	500	400
	.50	2200	2100	1700	1500	1400	1300	1200	1100	800	400	300	100
	.10	1700	1600	1200	1100	800	700	700	600	200	0	0	0
	.90	2500	2400	2200	2000	1900	1700	1500	1500	1200	900	700	500
	.50	2200	2200	1900	1700	1500	1400	1300	1200	900	600	400	200
	.10	1700	1700	1400	1100	900	800	700	600	300	0	0	0
	.90	3500	2700	2500	2400	2100	2000	1900	1700	1500	1100	900	800
	.50	2700	2200	2000	1900	1800	1600	1500	1400	1100	800	600	400
	.10	1800	1700	1500	1200	1100	900	800	700	500	100	0	0
3500	.90	2400	2400	2000	1900	1700	1600	1500	1400	1000	800	600	400
	.50	2200	2200	1800	1700	1500	1300	1200	1100	900	500	300	200
	.10	1700	1700	1400	1100	900	700	700	600	300	0	0	0
	.90	2600	2400	2300	2100	1900	1700	1600	1500	1200	900	700	600
	.50	2200	2200	1900	1800	1600	1500	1300	1300	1000	700	400	300
	.10	1800	1700	1500	1200	1000	800	700	700	400	0	0	0
	.90	3500	2900	2500	2400	2200	2000	1900	1800	1500	1100	1000	800
	.50	2700	2700	2000	2000	1900	1700	1500	1500	1100	800	600	400
	.10	2200	1700	1500	1400	1100	900	800	800	500	100	0	0
3600	.90	2400	2400	2000	2000	1900	1600	1500	1500	1100	800	600	500
	.50	2200	2200	1900	1700	1500	1400	1300	1200	900	600	300	200
	.10	1800	1700	1500	1100	900	800	700	700	400	0	0	0
	.90	2600	2500	2400	2200	2000	1900	1700	1600	1300	1000	800	600
	.50	2200	2200	2000	1900	1700	1500	1400	1300	1000	700	500	300
	.10	1800	1700	1500	1200	1100	900	800	700	400	0	0	0
	.90	3600	3500	2600	2400	2300	2000	2000	1900	1500	1200	1000	800
	.50	2800	2700	2100	2000	1900	1700	1600	1500	1200	900	700	500
	.10	2200	1700	1500	1400	1100	1000	900	800	600	200	0	0
	.90	2500	2400	2100	2000	1900	1700	1600	1500	1200	900	700	500
	.50	2200	2200	1900	1800	1500	1500	1300	1300	900	600	400	300
	.10	1800	1700	1500	1200	1100	800	700	700	400	0	0	0
	.90	3500	2600	2400	2300	2000	1900	1700	1700	1400	1000	800	700
	.50	2700	2200	2000	1900	1800	1500	1500	1400	1100	800	500	400
	.10	2200	1700	1500	1400	1100	900	800	800	500	100	0	0
3700	.90	3600	3500	2600	2400	2300	2000	2000	1900	1500	1200	1000	800
	.50	2800	2700	2100	2000	1900	1700	1600	1500	1200	900	700	500
	.10	2200	1700	1500	1400	1100	1000	900	800	600	200	0	0
	.90	3500	2400	2100	2000	1900	1700	1600	1500	1200	900	700	500
	.50	2200	2200	1900	1800	1500	1500	1300	1300	900	600	400	300
	.10	1800	1700	1500	1200	1100	800	700	700	400	0	0	0
	.90	3500	2600	2400	2300	2000	1900	1700	1700	1400	1000	800	700
	.50	2700	2200	2000	1900	1800	1500	1500	1400	1100	800	500	400
	.10	2200	1700	1500	1400	1100	900	800	800	500	100	0	0
	.90	3600	3500	2700	2500	2400	2100	2000	2000	1600	1300	1000	900
	.50	2800	2700	2200	2000	2000	1800	1700	1600	1200	900	700	600
	.10	2200	1800	1600	1500	1200	1000	900	900	600	300	0	0
	.90	3600	2700	2200	2000	2000	1800	1700	1600	1200	900	700	600
	.50	2800	2700	2200	2000	2000	1800	1700	1600	1200	900	700	600
	.10	2200	1800	1600	1500	1200	1000	900	900	600	300	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2900	2400	2300	2000	1900	1700	1600	1500	1200	1000	700	600
	.50	2700	2200	2000	1900	1600	1500	1400	1300	1000	700	400	300
	.10	2200	1700	1500	1300	1100	900	800	700	500	0	0	0
	.90	3500	2900	2400	2400	2100	2000	1900	1700	1500	1100	900	700
	.50	2700	2700	2000	2000	1800	1600	1500	1500	1100	800	600	400
	.10	2200	1700	1500	1400	1100	1000	900	800	500	100	0	0
	.90	3600	3600	2700	2600	2400	2200	2100	2000	1600	1300	1100	1000
	.50	2800	2800	2200	2100	2000	1900	1700	1700	1300	1000	800	600
	.10	2300	2200	1600	1500	1300	1100	1000	900	700	400	0	0
3900	.90	2900	2500	2400	2200	2000	1900	1700	1600	1300	1000	800	600
	.50	2700	2200	2000	1900	1700	1500	1500	1300	1000	800	500	300
	.10	2200	1700	1500	1400	1100	900	800	800	500	100	0	0
	.90	3500	2900	2400	2400	2200	2000	1900	1800	1500	1100	1000	800
	.50	2700	2700	2100	2000	1900	1700	1600	1500	1200	900	700	500
	.10	2200	1800	1600	1500	1200	1000	900	800	600	200	0	0
	.90	3700	3600	2900	2600	2400	2300	2100	2000	1700	1400	1100	1000
	.50	2900	2800	2400	2200	2000	1900	1800	1700	1300	1000	800	700
	.10	2300	2200	1700	1500	1400	1100	1000	1000	700	400	100	0
4000	.90	2900	2600	2400	2300	2000	1900	1800	1700	1400	1000	800	700
	.50	2700	2300	2000	2000	1300	1600	1500	1400	1100	800	600	400
	.10	2200	1800	1600	1500	1200	1000	900	800	500	100	0	0
	.90	3500	2900	2500	2400	2300	2000	2000	1900	1500	1200	1000	800
	.50	2800	2700	2200	2000	1900	1800	1600	1600	1200	900	700	500
	.10	2300	2200	1600	1500	1200	1100	1000	900	600	300	0	0
	.90	3700	3600	2900	2600	2400	2400	2200	2100	1700	1500	1200	1100
	.50	2900	2800	2400	2200	2000	2000	1900	1800	1400	1100	900	700
	.10	2300	2200	1600	1500	1400	1200	1100	1000	700	500	100	0
4100	.90	3000	2900	2400	2300	2100	2000	1900	1700	1500	1100	900	700
	.50	2800	2700	2100	2000	1900	1700	1500	1500	1200	900	600	400
	.10	2300	2200	1600	1500	1200	1000	900	800	600	200	0	0
	.90	3500	2900	2600	2400	2300	2100	2000	1900	1600	1200	1000	900
	.50	2800	2700	2200	2100	2000	1800	1700	1600	1300	1000	800	600
	.10	2300	2200	1700	1500	1400	1100	1000	900	700	400	0	0
	.90	3800	3600	3500	2700	2500	2400	2300	2100	1800	1500	1300	1100
	.50	3100	2800	2700	2500	2100	2000	1900	1800	1500	1100	900	800
	.10	2600	2200	2100	1700	1500	1200	1100	1000	800	500	200	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	3000	2900	2400	2400	2200	2000	1900	1800	1500	1100	1000	800
	.50	2800	2700	2200	2000	1900	1700	1600	1500	1200	900	700	500
	.10	2300	2200	1700	1500	1300	1100	1000	900	600	300	0	0
	.90	3500	3000	2600	2500	2400	2200	2000	2000	1600	1300	1100	900
	.50	2800	2700	2300	2200	2000	1900	1800	1700	1300	1000	800	600
	.10	2300	2200	1800	1600	1400	1200	1100	1000	700	400	100	0
	.90	3800	3700	3500	3000	2600	2400	2300	2200	1900	1500	1300	1200
	.50	3100	3000	2800	2700	2200	2000	1900	1900	1500	1200	1000	800
	.10	2600	2300	2100	1700	1500	1300	1100	1100	800	500	300	0
4300	.90	3500	2900	2600	2400	2300	2100	2000	1900	1500	1200	1000	800
	.50	2800	2700	2300	2100	2000	1800	1700	1600	1300	1000	700	600
	.10	2300	2200	1800	1600	1400	1100	1000	900	700	400	0	0
	.90	3500	3000	2600	2600	2400	2300	2100	2000	1700	1400	1100	1000
	.50	3100	2700	2500	2200	2000	1900	1800	1700	1400	1100	900	700
	.10	2600	2200	2100	1700	1500	1200	1100	1000	700	500	100	0
	.90	3800	3800	3500	3200	2600	2400	2400	2300	1900	1600	1400	1200
	.50	3100	3000	2800	2700	2200	2000	2000	1900	1600	1200	1000	900
	.10	2600	2300	2100	1900	1500	1300	1200	1100	800	600	300	100
4400	.90	3500	2900	2600	2500	2300	2100	2000	2000	1600	1300	1100	900
	.50	3100	2700	2500	2200	2000	1900	1700	1700	1300	1000	800	600
	.10	2600	2200	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3000	2600	2600	2400	2300	2200	2000	1700	1500	1200	1000
	.50	3100	2800	2500	2300	2000	2000	1900	1800	1500	1100	900	700
	.10	2600	2300	2100	1700	1500	1200	1100	1100	800	500	200	0
	.90	3800	3800	3600	3400	2600	2500	2400	2300	2000	1600	1500	1300
	.50	3100	3000	2800	2800	2500	2100	2000	1900	1600	1300	1100	900
	.10	2600	2300	2100	2000	1700	1400	1200	1100	900	600	400	100
	.90	3500	3000	2600	2600	2400	2200	2000	2000	1600	1300	1100	900
	.50	3100	2800	2500	2200	2000	1900	1800	1700	1400	1000	800	700
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3600	3500	2700	2600	2500	2400	2200	2100	1800	1500	1200	1100
	.50	3100	2800	2500	2400	2100	2000	1900	1800	1500	1200	900	800
	.10	2600	2300	2100	1800	1500	1300	1200	1100	800	500	300	0
	.90	3800	3800	3600	3400	2700	2500	2400	2400	2000	1700	1500	1300
	.50	3100	3000	2900	2800	2500	2200	2000	2000	1700	1300	1100	900
	.10	2600	2300	2100	1800	1700	1400	1200	1200	900	600	400	200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOKI  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4500	.90	3500	3000	2600	2600	2400	2300	2100	2000	1700	1400	1100	1000
	.50	3100	2800	2500	2300	2000	1900	1800	1700	1400	1100	900	700
	.10	2600	2300	2100	1800	1500	1300	1100	1100	800	500	200	0
	.90	3600	3500	3000	2600	2500	2400	2300	2200	1800	1500	1300	1100
	.50	3100	2800	2700	2500	2200	2000	1900	1800	1500	1200	1000	800
	.10	2600	2300	2100	2000	1500	1300	1200	1100	800	600	300	100
	.90	3800	3800	3600	3500	2900	2600	2400	2400	2000	1700	1500	1400
	.50	3100	3000	3000	2800	2600	2200	2000	2000	1700	1300	1200	1000
	.10	2600	2300	2100	2100	1700	1500	1300	1200	900	700	400	200
4700	.90	3500	3000	2700	2600	2400	2300	2200	2000	1700	1500	1200	1000
	.50	3100	2800	2500	2500	2200	2000	1900	1800	1500	1100	900	700
	.10	2600	2300	2100	2000	1500	1300	1200	1100	800	500	200	0
	.90	3600	3600	3100	2700	2600	2400	2400	2200	1900	1500	1300	1200
	.50	3100	2800	2700	2500	2200	2000	2000	1900	1600	1200	1000	800
	.10	2600	2300	2100	2100	1600	1400	1200	1100	900	600	400	100
	.90	3800	3800	3600	3500	3000	2600	2500	2400	2100	1800	1600	1400
	.50	3600	3000	3000	2800	2700	2200	2100	2000	1700	1400	1200	1000
	.10	3000	2300	2100	2100	1800	1500	1300	1200	1000	700	500	300
4800	.90	3500	3100	2700	2600	2500	2400	2200	2100	1800	1500	1200	1100
	.50	3100	2800	2500	2500	2200	2000	1900	1800	1500	1200	900	800
	.10	2600	2300	2100	2100	1600	1400	1200	1100	800	600	300	0
	.90	3700	3600	3200	3000	2600	2400	2400	2300	1900	1600	1400	1200
	.50	3100	3000	2800	2700	2300	2100	2000	1900	1600	1300	1000	900
	.10	2600	2300	2100	2100	1700	1500	1200	1200	900	600	400	100
	.90	3800	3800	3600	3500	3100	2600	2500	2400	2100	1800	1600	1500
	.50	3600	3000	3000	2800	2700	2300	2200	2000	1800	1500	1200	1100
	.10	3000	2300	2200	2100	1800	1500	1400	1200	1000	700	600	300
4900	.90	3500	3300	2900	2600	2500	2400	2300	2200	1800	1500	1200	1100
	.50	3100	2800	2700	2500	2200	2000	1900	1900	1500	1200	1000	800
	.10	2600	2300	2100	2100	1700	1400	1200	1100	900	600	300	100
	.90	3800	3600	3400	3100	2600	2500	2400	2400	2000	1600	1500	1300
	.50	3600	3000	2800	2700	2400	2200	2000	2000	1700	1300	1100	900
	.10	3000	2300	2100	2100	1800	1500	1300	1200	900	700	400	200
	.90	4700	3800	3700	3500	3200	2600	2600	2500	2200	1900	1700	1500
	.50	3900	3100	3000	2900	2700	2500	2200	2100	1800	1500	1300	1100
	.10	3000	2400	2300	2100	1900	1600	1400	1300	1000	700	600	400

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3600	3500	3000	2600	2600	2400	2400	2200	1900	1500	1300	1100
	.50	3100	2800	2700	2500	2200	2000	2000	1900	1600	1200	1000	800
	.10	2600	2300	2100	2100	1700	1500	1300	1200	900	600	400	100
	.90	3800	3600	3500	3200	2600	2500	2400	2400	2000	1700	1500	1300
	.50	3600	3000	2800	2800	2500	2200	2000	2000	1700	1400	1200	1000
	.10	3000	2300	2200	2100	1900	1500	1300	1200	1000	700	500	200
	.90	4800	4800	3800	3600	3400	2700	2600	2500	2300	2000	1700	1600
	.50	4000	4000	3000	3000	2800	2500	2300	2200	1900	1600	1500	1200
	.10	3000	2600	2300	2100	2000	1700	1500	1400	1100	800	600	400
	.90	3800	3500	3000	2700	2500	2400	2400	2300	1900	1600	1400	1200
5100	.90	3600	2800	2700	2500	2300	2100	2000	1900	1600	1300	1100	900
	.50	3000	2300	2200	2100	1800	1500	1300	1200	900	600	400	200
	.10	3800	3700	3500	3300	2700	2600	2500	2400	2000	1700	1500	1400
	.90	3600	3000	2900	2800	2500	2200	2100	2000	1700	1400	1200	1000
	.50	3000	2400	2300	2100	1800	1600	1400	1300	1000	700	500	300
	.10	4800	4800	4700	3700	3500	3000	2600	2600	2300	2000	1800	1600
	.90	4000	4000	3900	3000	2800	2600	2300	2200	1900	1700	1400	1200
	.50	3000	3000	2300	2200	2100	1800	1600	1600	1500	1100	900	500
	.10	3800	3600	3200	3000	2600	2500	2400	2400	2000	1600	1500	1200
	.90	3600	3000	2800	2700	2500	2200	2000	2000	1700	1300	1100	900
5200	.90	3000	2400	2300	2100	1800	1600	1400	1300	1000	700	500	300
	.50	4800	4800	4700	3700	3500	3000	2600	2600	2300	2000	1800	1600
	.10	4000	4000	3900	3000	2800	2600	2300	2200	1900	1700	1400	1200
	.90	3000	3000	2300	2200	2100	1800	1600	1500	1100	900	700	500
	.50	3800	3600	3200	3000	2600	2500	2400	2400	2000	1600	1500	1200
	.10	3000	2400	2300	2100	1800	1500	1400	1400	1200	1000	700	500
	.90	3800	3800	3500	3400	2900	2600	2500	2400	2100	1800	1600	1400
	.50	3600	3100	3000	2800	2700	2300	2200	2000	1800	1500	1200	1100
	.10	3000	2600	2300	2100	1900	1700	1500	1300	1000	700	600	300
	.90	4800	4800	4800	3800	3500	3000	2700	2600	2300	2000	1800	1700
5300	.90	4000	4000	4000	3400	2900	2700	2500	2300	1900	1700	1500	1300
	.50	3000	3000	2300	2300	2100	1800	1700	1500	1100	900	700	600
	.10	3800	3600	3400	3100	2600	2500	2400	2400	2000	1700	1500	1300
	.90	3600	3100	2800	2800	2500	2200	2000	2000	1700	1400	1200	1000
	.50	3000	2600	2300	2100	1900	1600	1400	1300	1000	700	500	300
	.10	3800	3800	3600	3500	3000	2600	2500	2500	2200	1900	1600	1500
	.90	3600	3400	3000	2800	2700	2300	2100	2100	1800	1500	1300	1100
	.50	3000	3000	2300	2100	2000	1700	1500	1400	1100	800	600	400
	.10	4800	4800	4800	3900	3500	3000	2700	2600	2300	2000	1700	1500
	.90	4000	4000	4000	3500	3000	2800	2800	2500	2200	1900	1700	1500

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	3600	3500	3200	2600	2600	2500	2400	2000	1700	1500	1400
	.50	3600	3400	3000	2800	2500	2300	2100	2000	1800	1500	1200	1000
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1000	700	600	300
	.90	3800	3800	3600	3500	3100	2600	2600	2500	2200	1900	1700	1500
	.50	3600	3400	3000	2900	2800	2500	2300	2200	1900	1600	1300	1200
	.10	3000	3000	2300	2300	2100	1800	1600	1500	1100	800	600	500
	.90	4900	4800	4800	4700	3600	3200	3000	2700	2400	2100	1900	1700
	.50	4100	4000	4000	3900	3000	2800	2600	2500	2000	1800	1600	1400
	.10	3200	3000	2500	2300	2200	2000	1800	1700	1200	1000	700	600
5500	.90	3800	3600	3500	3300	2700	2600	2500	2400	2100	1800	1600	1400
	.50	3600	3400	3000	2800	2500	2300	2200	2000	1800	1500	1200	1100
	.10	3000	3000	2300	2200	2100	1800	1500	1400	1100	800	600	400
	.90	3800	3800	3600	3500	3200	2700	2600	2500	2300	2000	1700	1600
	.50	3600	3400	3000	3000	2900	2500	2300	2200	1900	1600	1400	1200
	.10	3000	3000	2400	2300	2100	1800	1700	1500	1100	900	700	500
	.90	4900	4900	4800	4700	3600	3400	3000	2700	2500	2200	2000	1800
	.50	4100	4100	4000	3900	3000	2800	2700	2500	2000	1800	1600	1500
	.10	3200	3000	2600	2400	2200	2100	1900	1700	1200	1000	800	700
5600	.90	3800	3600	3500	3400	3000	2600	2500	2500	2200	1900	1600	1500
	.50	3600	3400	3000	3000	2700	2400	2200	2100	1800	1500	1300	1100
	.10	3000	3000	2300	2300	2100	1800	1600	1500	1100	800	600	400
	.90	3800	3800	3600	3500	3200	2900	2600	2600	2300	2000	1800	1600
	.50	3600	3400	3100	3000	2800	2500	2400	2300	1900	1700	1500	1300
	.10	3200	3000	2500	2300	2100	1900	1700	1600	1200	900	700	600
	.90	4900	4900	4800	4800	3600	3400	3200	2800	2500	2200	2000	1800
	.50	4100	4100	4000	4000	3000	2800	2800	2500	2100	1800	1700	1500
	.10	3200	3000	2800	2500	2300	2100	1900	1800	1300	1000	800	700
5700	.90	3800	3700	3500	3400	3100	2600	2600	2500	2200	1900	1700	1500
	.50	3600	3400	3000	3000	2800	2500	2300	2200	1900	1600	1300	1200
	.10	3200	3000	2400	2300	2100	1900	1700	1500	1100	900	700	500
	.90	3800	3800	3600	3500	3300	3000	2700	2600	2400	2000	1800	1700
	.50	3600	3400	3100	3000	2800	2700	2500	2300	2000	1700	1500	1300
	.10	3200	3000	2600	2400	2100	2000	1800	1700	1200	900	700	600
	.90	5300	4900	4800	4800	3700	3500	3200	3000	2500	2200	2000	1900
	.50	4500	4100	4000	4000	3100	2900	2800	2700	2200	1900	1700	1500
	.10	3200	3000	2800	2500	2300	2100	2000	1800	1300	1000	900	700



TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

2	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	4000	3800	3700	3500	3400	3100	2800	2700	2400	2100	1900	1700
	.50	3800	3500	3400	3100	3000	2800	2600	2500	2000	1800	1600	1400
	.10	3300	3000	2900	2500	2400	2100	2000	1800	1300	1000	800	700
	.90	4800	4800	4800	3900	3500	3400	3200	3000	2500	2200	2100	1900
	.50	4000	4000	4000	3700	3100	2900	2800	2700	2200	1900	1700	1600
	.10	3300	3000	3000	2700	2400	2200	2100	2000	1400	1100	900	700
	.90	5400	5400	5400	5200	4900	3800	3600	3500	2700	2400	2200	2100
	.50	4600	4600	4600	4400	4100	3400	3100	2900	2400	2000	1800	1700
	.10	3800	3000	3000	2800	2600	2400	2300	2200	1500	1200	1000	900
6300	.90	4000	3800	3700	3600	3400	3200	3000	2700	2500	2200	2000	1800
	.50	3800	3500	3400	3100	3000	2800	2700	2500	2100	1800	1600	1500
	.10	3300	3000	3000	2600	2400	2100	2100	1900	1300	1100	900	700
	.90	4900	4800	4800	4700	3600	3400	3200	3100	2600	2300	2100	2000
	.50	4300	4000	4000	3900	3100	3000	2800	2700	2200	1900	1700	1600
	.10	3800	3000	3000	2700	2400	2200	2100	2000	1400	1100	900	800
	.90	5400	5400	5400	5300	4900	3900	3700	3500	2700	2500	2200	2100
	.50	4800	4600	4600	4500	4100	3400	3100	3000	2500	2000	1800	1700
	.10	4200	3000	3000	2800	2700	2400	2300	2200	1600	1200	1000	900
6400	.90	4700	3800	3700	3600	3400	3200	3000	2800	2500	2200	2000	1800
	.50	4300	3600	3400	3200	3000	2800	2700	2600	2100	1800	1700	1500
	.10	3800	3000	3000	2700	2400	2200	2100	1900	1400	1100	900	700
	.90	4900	4900	4800	4700	3600	3400	3300	3100	2600	2300	2100	2000
	.50	4300	4100	4000	3900	3200	3000	2900	2800	2300	1900	1800	1600
	.10	3800	3000	3000	2800	2500	2300	2100	2100	1400	1200	1000	800
	.90	5400	5400	5400	5300	4900	3900	3700	3500	2800	2500	2200	2100
	.50	4600	4600	4600	4500	4100	3500	3100	3000	2500	2000	1900	1800
6500	.90	3800	3000	3000	2800	2700	2500	2400	2300	1700	1300	1100	900
	.50	4800	4800	3800	3700	3500	3300	3100	3000	2500	2200	2000	1900
	.10	4300	4000	3500	3400	3100	2900	2800	2600	2200	1900	1700	1600
	.90	3800	3000	3000	2800	2500	2300	2100	2000	1400	1100	900	800
	.50	5000	4900	4800	4800	3700	3500	3300	3200	2600	2300	2100	2000
	.10	4800	4100	4000	4000	3200	3000	2900	2800	2300	1900	1800	1700
	.90	4200	3000	3000	2800	2500	2400	2200	2100	1500	1200	1000	800
	.50	5500	5400	5400	5300	4900	3900	3700	3500	2800	2500	2300	2100
	.10	4800	4600	4600	4500	4100	3500	3100	3000	2600	2000	1900	1800
	.90	4800	4600	4600	4500	4100	3500	3100	3000	2600	2000	1900	1800
	.50	4200	3100	3000	2900	2700	2500	2400	2300	1700	1300	1100	1000

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOKK: SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4800	4700	3800	3500	3300	3200	3100	2600	2300	2100	1900	1900
	.50	4300	3900	3400	3100	3000	2800	2700	2200	1900	1700	1600	1600
	.10	3800	3000	2800	2500	2400	2100	2100	1400	1200	1000	800	800
	.90	5300	4900	4800	3700	3500	3400	3200	2700	2400	2200	2000	2000
	.50	4500	4100	4000	3200	3100	2900	2900	2300	1900	1800	1700	1700
	.10	3800	3000	2800	2600	2400	2300	2100	1500	1200	1000	900	900
	.90	5500	5400	5300	4900	3900	3700	3500	2900	2500	2300	2200	2200
	.50	4800	4600	4500	4100	3500	3200	3100	2600	2000	1900	1800	1800
	.10	4200	3000	3000	2800	2500	2200	2100	1500	1200	1000	800	800
	.90	5300	4900	4800	3800	3600	3500	3300	2700	2400	2200	2100	2100
	.50	4800	4500	4000	3400	3100	3000	2900	2400	2000	1800	1700	1700
	.10	4200	3000	2900	2600	2400	2300	2200	1600	1200	1100	900	900
	.90	5500	5400	5400	4900	3900	3700	3500	3000	2600	2300	2200	2200
	.50	4800	4700	4600	4100	3500	3200	3100	2700	2100	1900	1800	1800
	.10	4200	3300	3000	2800	2600	2400	2400	1800	1300	1100	1000	1000
	.90	4800	4800	4400	3600	3400	3300	3200	2600	2300	2100	2000	2000
	.50	4300	4000	3900	3200	3000	2900	2800	2300	1900	1800	1700	1700
	.10	3800	3100	2900	2500	2400	2300	2100	1500	1200	1000	900	900
	.90	5400	5300	4900	4300	3700	3500	3400	2700	2500	2200	2100	2100
	.50	4800	4500	4100	3700	3200	3100	3000	2500	2000	1900	1800	1800
	.10	4200	3000	3000	2500	2500	2400	2300	1700	1300	1100	900	900
	.90	5500	5500	5400	4900	3900	3700	3600	3100	2600	2300	2200	2200
	.50	4800	4700	4600	4100	3500	3200	3100	2700	2100	1900	1800	1800
	.10	4200	3000	3000	2800	2600	2500	2400	1900	1400	1200	1000	1000
	.90	5000	4800	4700	3700	3400	3300	3200	2700	2300	2200	2000	2000
	.50	4800	4000	3900	3200	3100	3000	2900	2300	1900	1800	1700	1700
	.10	4200	3300	2900	2600	2400	2300	2200	1600	1200	1000	900	900
	.90	5400	5400	5000	4800	3800	3600	3500	2800	2500	2200	2100	2100
	.50	4800	4600	4200	4000	3200	3100	3000	2600	2000	1900	1800	1800
	.10	4200	3000	3000	2700	2500	2400	2300	1800	1300	1100	1000	1000
	.90	6100	6100	5400	4900	4400	3800	3700	3100	2600	2400	2200	2200
	.50	5300	5300	4600	4100	3700	3300	3200	2800	2200	1900	1800	1800
	.10	4200	3500	3000	2800	2700	2500	2400	1900	1400	1200	1000	1000

PAGE 15

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER  
 INCUBATION MONTH - OCTOBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5000	4900	4800	4700	3700	3500	3400	3200	2700	2400	2200
	.50		4800	4100	4000	4000	3200	3100	3000	2900	2400	2000	1800
	.10		4200	3300	3000	3000	2600	2500	2400	2200	1700	1300	1100
	.90	.50	5400	5400	5300	5000	4900	3900	3700	3500	3000	2500	2300
	.50	.10	4800	4600	4500	4200	4100	3400	3200	3100	2700	2100	1900
	.10		4200	3300	3000	3000	2700	2600	2500	2400	1800	1300	1100
	.90		6200	6200	6100	6100	5400	4800	4000	3800	3200	2600	2400
	.50		5400	5400	5300	5300	4600	4000	3600	3200	2900	2200	2000
	.10		4200	3600	3600	3500	3000	2800	2600	2500	2000	1400	1200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	800	800	600	600	500	400	300	300	200	0	0	0
	.50	500	500	200	200	100	0	0	0	0	0	0	0
	.10	300	300	0	0	0	0	0	0	0	0	0	0
	.90	1000	900	700	700	500	500	400	400	200	0	0	0
	.50	500	500	400	200	200	100	0	0	0	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1000	800	700	600	500	300	100	0	0
	.50	700	700	600	500	200	200	100	0	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
1500	.90	900	800	700	700	500	400	400	300	200	0	0	0
	.50	500	500	400	200	200	100	0	0	0	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1100	900	800	700	700	500	400	400	200	100	0	0
	.50	600	600	500	400	200	100	100	0	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1000	900	700	500	500	300	200	100	0
	.50	700	700	600	600	400	200	100	100	0	0	0	0
	.10	500	500	400	400	100	0	0	0	0	0	0	0
1600	.90	1000	900	800	700	500	500	400	400	200	0	0	0
	.50	600	600	500	400	200	100	0	0	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1100	1000	900	900	700	600	500	400	300	100	0	0
	.50	700	700	600	500	200	200	100	0	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
1700	.90	1800	1500	1300	1000	900	700	700	600	300	200	100	0
	.50	800	700	700	600	500	200	200	100	0	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
	.90	1000	1000	900	800	700	500	400	400	200	100	0	0
	.50	700	700	600	500	200	200	100	0	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	900	800	600	500	400	300	100	0	0
	.50	700	700	600	600	400	200	100	100	0	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
	.90	1000	1000	900	800	700	500	400	400	200	100	0	0
	.50	700	700	600	500	200	200	100	0	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	900	800	600	500	400	300	100	0	0
	.50	700	700	600	600	400	200	100	100	0	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
	.90	1800	1600	1400	1300	1000	800	700	700	400	200	100	0
	.50	900	800	700	700	600	300	200	100	0	0	0	0
	.10	600	600	500	500	300	0	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning MUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1000	1000	1000	900	700	600	500	400	300	100	0	0
	.50	700	700	600	600	400	200	100	100	0	0	0	0
	.10	500	500	400	400	100	0	0	0	0	0	0	0
	.90	1400	1100	1000	1000	800	700	600	500	300	100	0	0
	.50	800	700	700	600	500	200	100	100	0	0	0	0
	.10	500	500	500	400	200	0	0	0	0	0	0	0
	.90	1900	1800	1400	1300	1100	1000	800	700	400	200	100	100
	.50	900	900	900	800	700	400	200	200	0	0	0	0
	.10	700	700	700	500	400	200	0	0	0	0	0	0
1900	.90	1000	1000	1000	1000	800	600	500	400	300	100	0	0
	.50	700	700	700	600	500	200	100	100	0	0	0	0
	.10	500	500	500	400	200	0	0	0	0	0	0	0
	.90	1400	1300	1100	1000	900	700	700	600	300	200	100	0
	.50	900	800	700	700	600	300	200	100	0	0	0	0
	.10	600	600	500	500	300	0	0	0	0	0	0	0
	.90	1900	1800	1500	1400	1200	1000	900	800	400	300	200	100
	.50	900	900	900	900	700	500	300	200	0	0	0	0
	.10	700	700	700	600	500	300	0	0	0	0	0	0
2000	.90	1300	1100	1000	1000	900	700	600	500	300	100	0	0
	.50	800	800	700	700	500	200	200	100	0	0	0	0
	.10	600	600	500	500	300	0	0	0	0	0	0	0
	.90	1500	1400	1300	1200	1000	800	700	600	400	200	100	0
	.50	900	900	900	800	700	400	200	200	0	0	0	0
	.10	700	700	700	500	400	200	0	0	0	0	0	0
	.90	1900	1900	1500	1400	1200	1100	1000	800	500	300	200	100
	.50	1100	1000	900	900	800	600	400	200	0	0	0	0
	.10	800	700	700	700	500	400	100	0	0	0	0	0
	.90	1400	1300	1200	1100	1000	800	700	600	300	100	0	0
	.50	900	900	900	800	500	400	200	200	0	0	0	0
	.10	700	700	700	500	400	100	0	0	0	0	0	0
	.90	1500	1500	1300	1200	1100	900	800	700	400	200	100	0
	.50	900	900	900	900	700	500	300	200	0	0	0	0
	.10	700	700	700	500	400	100	0	0	0	0	0	0
	.90	2000	1900	1600	1400	1300	1100	1000	900	600	300	200	100
	.50	1300	1000	900	900	800	600	500	400	100	0	0	0
	.10	900	800	700	700	500	400	200	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINOOK:  
 SPawning MONTH - SEPTEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1400	1300	1200	1200	1000	900	700	600	400	200	100	0
	.50	900	900	800	800	700	500	200	200	0	0	0	0
	.10	700	700	600	600	500	200	0	0	0	0	0	0
	.90	1600	1500	1400	1300	1100	1000	800	700	400	200	100	0
	.50	1100	1000	900	900	800	600	400	200	0	0	0	0
	.10	800	700	700	700	500	400	100	0	0	0	0	0
	.90	2500	1900	1600	1500	1300	1200	1100	1000	600	400	200	100
	.50	1300	1100	1000	900	300	700	600	400	100	0	0	0
	.10	1000	800	700	700	500	400	300	0	0	0	0	0
2300	.90	1400	1400	1300	1200	1100	900	800	700	400	200	100	0
	.50	1000	900	900	900	700	600	300	200	0	0	0	0
	.10	800	700	700	700	500	400	100	0	0	0	0	0
	.90	1800	1500	1400	1300	1200	1000	900	800	500	300	100	100
	.50	1300	1000	900	900	800	600	500	300	0	0	0	0
	.10	900	800	700	700	500	400	200	0	0	0	0	0
	.90	2500	1900	1800	1600	1400	1200	1100	1000	700	400	300	200
	.50	1300	1300	1000	900	900	700	600	500	100	0	0	0
	.10	1100	900	800	700	600	500	400	100	0	0	0	0
	.90	1600	1500	1300	1300	1100	1000	900	700	400	200	100	0
	.50	1100	1000	900	900	800	600	500	200	0	0	0	0
	.10	800	800	700	700	500	400	200	0	0	0	0	0
	.90	1800	1600	1400	1400	1200	1100	1000	900	500	300	200	100
	.50	1300	1100	1000	900	800	700	500	400	100	0	0	0
	.10	1000	800	700	700	600	400	300	0	0	0	0	0
	.90	2500	1900	1800	1600	1400	1300	1200	1100	700	400	300	200
	.50	1300	1300	1100	1000	900	800	600	500	200	0	0	0
	.10	1100	1100	800	700	600	500	400	200	0	0	0	0
	.90	1800	1500	1400	1300	1200	1000	900	800	400	200	100	100
	.50	1300	1000	1000	900	800	700	500	300	0	0	0	0
	.10	1000	800	700	700	600	400	200	0	0	0	0	0
	.90	1800	1800	1500	1400	1300	1100	1000	900	600	300	200	100
	.50	1300	1300	1000	900	900	700	600	500	100	0	0	0
	.10	1100	900	800	700	600	500	400	100	0	0	0	0
	.90	2500	2000	1800	1700	1500	1300	1200	1200	800	500	300	200
	.50	1300	1300	1200	1000	1000	800	700	600	200	0	0	0
	.10	1100	1100	900	800	700	500	400	300	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1800	1600	1400	1400	1200	1100	1000	900	500	300	100	100
	.50	1300	1300	1000	900	900	700	600	400	100	0	0	0
	.10	1100	900	800	700	600	500	400	100	0	0	0	0
	.90	1800	1800	1500	1500	1300	1200	1100	1000	600	400	200	100
	.50	1300	1300	1100	1000	900	800	600	500	100	0	0	0
	.10	1100	1100	800	700	600	500	400	200	0	0	0	0
	.90	2500	2300	1800	1800	1500	1400	1300	1200	800	500	400	300
	.50	1400	1300	1300	1100	900	800	700	600	200	0	0	0
	.10	1100	1100	900	800	700	500	500	400	0	0	0	0
2700	.90	1800	1800	1500	1400	1300	1100	1000	900	500	300	200	100
	.50	1300	1300	1100	1000	900	700	600	500	100	0	0	0
	.10	1100	1100	800	700	500	500	400	200	0	0	0	0
	.90	1900	1800	1600	1500	1400	1200	1100	1000	700	400	300	200
	.50	1300	1300	1200	1000	900	800	700	600	200	0	0	0
	.10	1100	1100	900	800	700	500	400	300	0	0	0	0
2800	.90	2500	2400	1900	1800	1600	1400	1300	1300	900	600	400	300
	.50	1500	1300	1300	1100	1000	900	800	700	300	0	0	0
	.10	1300	1100	900	800	700	600	500	400	0	0	0	0
	.90	1800	1800	1600	1400	1300	1200	1000	1000	600	400	200	100
	.50	1300	1300	1100	1000	900	800	700	600	100	0	0	0
	.10	1100	1100	800	800	700	500	400	300	0	0	0	0
	.90	2000	1800	1600	1600	1400	1300	1200	1100	800	400	300	200
	.50	1400	1300	1300	1100	900	800	700	600	200	0	0	0
	.10	1100	1100	900	800	700	500	500	400	0	0	0	0
	.90	3500	2500	1900	1800	1700	1500	1400	1300	1000	700	500	400
	.50	2000	1300	1300	1100	1000	900	800	700	400	100	0	0
	.10	1300	1100	1000	800	700	600	500	400	0	0	0	0
2900	.90	1800	1800	1600	1500	1300	1200	1100	1000	700	400	200	100
	.50	1300	1300	1300	1000	900	800	700	600	200	0	0	0
	.10	1100	1100	900	800	700	500	500	400	0	0	0	0
	.90	2000	1900	1800	1600	1400	1300	1200	1100	800	500	300	200
	.50	1500	1300	1300	1100	1000	900	700	600	200	0	0	0
	.10	1300	1100	900	800	700	600	500	400	0	0	0	0
	.90	3500	2500	2000	1900	1700	1500	1400	1300	1000	700	500	400
	.50	2000	1400	1300	1300	1000	900	900	800	500	100	0	0
	.10	1400	1100	1100	900	700	600	500	500	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1900	1800	1600	1500	1400	1300	1100	1100	700	400	300	200
	.50	1500	1300	1300	1100	900	800	700	600	200	0	0	0
	.10	1300	1100	900	800	700	600	500	400	0	0	0	0
	.90	2000	1900	1800	1600	1500	1300	1300	1200	800	500	400	300
	.50	1500	1300	1300	1100	1000	900	800	700	300	0	0	0
	.10	1300	1100	1000	800	700	600	500	400	0	0	0	0
	.90	3500	2500	2200	1900	1800	1600	1500	1400	1100	800	600	400
	.50	2000	1900	1400	1300	1100	1000	900	800	500	200	0	0
	.10	1600	1500	1100	900	800	600	500	500	0	0	0	0
3100	.90	1900	1800	1600	1600	1400	1300	1200	1100	800	400	300	200
	.50	1500	1300	1300	1100	1000	900	800	700	200	0	0	0
	.10	1300	1100	1000	800	700	600	500	400	0	0	0	0
	.90	2500	1900	1800	1700	1600	1400	1300	1200	900	600	400	300
	.50	1600	1300	1300	1200	1000	900	800	700	400	100	0	0
	.10	1400	1100	1100	900	700	600	500	500	0	0	0	0
	.90	3500	2600	2300	2100	1900	1600	1600	1400	1200	800	600	500
	.50	2000	2000	1500	1400	1200	1000	900	900	500	200	0	0
	.10	1600	1600	1100	1100	800	700	600	500	100	0	0	0
3200	.90	2000	1800	1800	1600	1400	1300	1200	1200	800	500	300	200
	.50	1600	1300	1300	1100	1000	900	800	700	300	0	0	0
	.10	1400	1100	1100	800	700	600	500	500	0	0	0	0
	.90	2500	2000	1900	1800	1600	1400	1400	1300	1000	700	400	300
	.50	2000	1700	1300	1300	1000	900	900	800	500	100	0	0
	.10	1600	1500	1100	900	800	600	500	500	0	0	0	0
	.90	3500	2600	2300	2200	1900	1700	1600	1500	1200	900	700	500
	.50	2000	2000	1700	1400	1300	1000	1000	900	600	200	100	0
	.10	1600	1600	1400	1100	800	700	600	500	200	0	0	0
	.90	2300	2000	1800	1600	1500	1400	1300	1200	900	500	400	300
	.50	2000	1700	1300	1300	1000	900	800	700	400	100	0	0
	.10	1600	1500	1100	900	700	600	500	500	0	0	0	0
	.90	2500	2300	1900	1800	1700	1500	1400	1300	1000	700	500	400
	.50	2000	1900	1400	1300	1100	1000	900	800	500	200	0	0
	.10	1600	1600	1100	1100	800	700	600	500	100	0	0	0
	.90	3500	2600	2400	2200	1900	1800	1600	1600	1300	900	800	600
	.50	2000	2000	1700	1400	1300	1100	1000	1000	600	300	100	0
	.10	1800	1600	1500	1100	800	700	600	500	300	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3400	.90	2300	2200	1900	1800	1600	1400	1300	1300	900	600	400	300
	.50	2000	1900	1400	1300	1000	900	900	800	500	100	0	0
	.10	1600	1600	1100	1100	800	600	500	500	0	0	0	0
	.90	2500	2300	2000	1900	1800	1600	1400	1400	1100	800	500	400
	.50	2000	2000	1600	1300	1100	1000	900	900	600	200	0	0
	.10	1600	1600	1400	1100	800	700	600	500	200	0	0	0
	.90	3500	2600	2400	2200	2000	1800	1700	1600	1300	1000	800	600
	.50	2000	2000	1700	1400	1300	1100	1000	1000	700	400	200	0
	.10	1800	1600	1500	1100	900	700	700	600	400	0	0	0
3500	.90	2300	2300	1900	1800	1500	1400	1400	1300	1000	700	400	300
	.50	2000	2000	1600	1300	1100	1000	900	800	500	200	0	0
	.10	1600	1600	1400	1100	900	700	600	500	100	0	0	0
	.90	2500	2300	2200	2000	1800	1600	1500	1400	1100	800	600	400
	.50	2000	2000	1700	1400	1300	1000	1000	900	600	200	100	0
	.10	1800	1600	1500	1100	800	700	600	500	300	0	0	0
	.90	3500	2800	2500	2200	2000	1900	1800	1700	1400	1000	800	700
	.50	2500	2000	1700	1600	1400	1200	1100	1000	800	500	200	0
	.10	2100	1600	1500	1300	1000	800	700	600	400	0	0	0
	.90	2300	2300	2000	1900	1700	1500	1400	1400	1000	700	500	400
	.50	2000	2000	1700	1300	1100	1000	900	900	600	200	0	0
	.10	1800	1600	1500	1100	800	700	600	500	200	0	0	0
	.90	2500	2400	2200	2100	1900	1700	1600	1500	1200	900	700	500
	.50	2000	2000	1700	1400	1300	1100	1000	1000	700	300	100	0
	.10	1800	1600	1500	1100	900	700	700	600	400	0	0	0
	.90	3500	3500	2500	2300	2100	1900	1800	1800	1400	1100	900	800
	.50	2500	2000	1900	1700	1400	1300	1200	1100	800	500	200	100
	.10	2100	1600	1500	1400	1100	800	700	700	500	0	0	0
	.90	2500	2300	2000	1900	1800	1600	1500	1400	1100	800	500	400
	.50	2000	2000	1700	1400	1300	1000	1000	900	600	200	100	0
	.10	1800	1600	1500	1100	900	700	600	600	300	0	0	0
3700	.90	2500	2300	2000	1900	1800	1600	1500	1400	1100	800	500	400
	.50	2000	2000	1700	1400	1300	1000	1000	900	600	200	100	0
	.10	1800	1600	1500	1100	900	700	600	600	300	0	0	0
	.90	3500	2500	2300	2100	1900	1800	1600	1600	1300	900	700	600
	.50	2500	2000	1700	1600	1300	1100	1000	1000	700	400	100	0
	.10	2100	1600	1500	1300	1000	800	700	600	400	0	0	0
	.90	3500	3500	2600	2400	2200	2000	1900	1800	1400	1200	900	800
	.50	2500	2100	2000	1700	1500	1400	1200	1100	900	600	300	100
	.10	2100	1800	1500	1500	1100	800	800	700	500	100	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK;  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2800	2300	2100	2000	1800	1600	1600	1400	1200	900	600	500
	.50	2500	2000	1700	1500	1300	1100	1000	900	700	300	100	0
	.10	2100	1600	1500	1300	1000	700	700	600	400	0	0	0
	.90	3500	2800	2300	2200	2000	1800	1700	1600	1300	1000	800	600
	.50	2500	2000	1800	1700	1400	1200	1100	1000	800	500	200	0
	.10	2100	1600	1500	1400	1100	800	700	700	400	0	0	0
	.90	3500	3500	2600	2400	2200	2100	1900	1900	1500	1200	1000	800
	.50	2600	2500	2000	1700	1600	1400	1300	1200	900	600	400	200
	.10	2200	2100	1600	1500	1100	900	800	700	500	100	0	0
3900	.90	2800	2400	2200	2100	1900	1700	1600	1500	1200	900	700	500
	.50	2500	2000	1700	1600	1300	1100	1000	1000	700	400	100	0
	.10	2100	1600	1500	1400	1000	800	700	600	400	0	0	0
	.90	3500	2800	2300	2200	2100	1900	1800	1700	1400	1000	800	700
	.50	2500	2100	1900	1700	1400	1300	1200	1100	800	500	200	100
	.10	2100	1800	1500	1500	1100	800	800	700	500	0	0	0
4000	.90	3700	3500	2800	2500	2200	2100	2000	1900	1600	1300	1000	900
	.50	2600	2500	2000	2000	1600	1400	1400	1300	1000	600	500	200
	.10	2200	2100	1600	1500	1200	1000	800	800	500	200	0	0
	.90	2800	2500	2300	2100	2000	1800	1600	1600	1300	900	700	500
	.50	2500	2100	1800	1700	1400	1200	1100	1000	800	500	200	0
	.10	2100	1800	1500	1500	1100	800	700	700	500	0	0	0
	.90	3500	2800	2400	2200	2100	1900	1800	1700	1400	1100	900	700
	.50	2600	2500	2000	1700	1500	1300	1200	1100	900	600	300	100
	.10	2200	2100	1600	1500	1100	900	800	700	500	100	0	0
4100	.90	3700	3500	2800	2600	2300	2200	2000	1900	1600	1300	1100	900
	.50	2600	2500	2100	2000	1700	1400	1400	1300	1000	700	500	300
	.10	2200	2100	1700	1600	1300	1000	900	800	500	300	0	0
	.90	2900	2800	2300	2200	2000	1800	1700	1600	1300	1000	800	600
	.50	2600	2500	1900	1700	1400	1300	1100	1100	800	500	200	100
	.10	2200	2100	1600	1500	1100	900	800	700	500	100	0	0
	.90	3500	2800	2500	2300	2100	2000	1900	1800	1400	1200	900	800
	.50	2600	2500	2000	1700	1600	1400	1300	1200	900	600	400	200
	.10	2200	2100	1600	1500	1200	1000	800	800	500	200	0	0
	.90	3800	3500	3400	2600	2400	2200	2100	2000	1700	1400	1200	1000
	.50	2900	2500	2300	2100	1700	1500	1400	1400	1000	800	500	300
	.10	2500	2100	2100	1600	1400	1100	900	800	600	300	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2900	2800	2300	2200	2100	1900	1800	1700	1400	1000	900	700
	.50	2600	2500	2000	1700	1500	1300	1200	1100	900	600	300	100
	.10	2200	2100	1600	1500	1200	1000	900	700	500	100	0	0
	.90	3500	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	2600	2500	2000	1900	1700	1400	1300	1300	1000	600	400	200
	.10	2200	2100	1700	1600	1300	1000	900	800	500	200	0	0
	.90	3800	3700	3500	2900	2500	2200	2200	2000	1800	1400	1200	1000
	.50	2900	2600	2300	2100	1800	1600	1400	1400	1100	800	600	400
	.10	2500	2200	2100	1600	1500	1100	1000	800	600	400	0	0
4300	.90	3500	2800	2500	2300	2100	1900	1900	1800	1400	1100	900	700
	.50	2600	2500	2000	1900	1600	1400	1300	1200	900	600	300	200
	.10	2200	2100	1700	1600	1300	1000	800	800	500	200	0	0
	.90	3500	2900	2600	2500	2200	2100	2000	1900	1600	1300	1000	900
	.50	2900	2500	2300	2000	1700	1400	1400	1300	1000	700	500	200
	.10	2500	2100	2100	1600	1400	1100	900	800	600	300	0	0
	.90	3800	3800	3500	3000	2600	2300	2200	2100	1800	1500	1300	1100
	.50	2900	2600	2300	2300	2000	1700	1500	1400	1100	800	600	400
	.10	2500	2200	2100	1700	1500	1100	1000	900	600	400	100	0
	.90	3500	2800	2600	2400	2200	2000	1900	1800	1500	1200	900	800
	.50	2900	2500	2300	2000	1700	1400	1300	1300	1000	600	400	200
	.10	2500	2100	2100	1600	1400	1100	900	800	500	300	0	0
	.90	3500	2900	2600	2500	2300	2200	2000	1900	1600	1300	1100	900
	.50	2900	2600	2300	2000	1700	1500	1400	1300	1000	700	500	300
	.10	2500	2200	2100	1600	1500	1100	1000	800	600	400	0	0
	.90	3800	3800	3500	3200	2600	2400	2200	2200	1800	1500	1300	1100
	.50	2900	2600	2400	2300	2100	1700	1500	1400	1200	900	600	500
	.10	2500	2200	2100	2000	1500	1200	1000	1000	700	400	100	0
	.90	3500	2900	2600	2500	2200	2100	1900	1900	1500	1200	1000	800
	.50	2900	2600	2300	2000	1700	1400	1400	1300	1000	700	500	200
	.10	2500	2200	2100	1600	1500	1100	1000	800	600	300	0	0
4500	.90	3500	2900	2600	2500	2200	2100	1900	1900	1500	1200	1000	800
	.50	2900	2600	2300	2000	1700	1400	1400	1300	1000	700	500	200
	.10	2500	2200	2100	1600	1500	1100	1000	800	600	300	0	0
	.90	3500	3500	3200	3200	2600	2400	2200	2200	1800	1500	1300	1100
	.50	2900	2600	2300	2100	1700	1500	1400	1400	1100	800	600	300
	.10	2500	2200	2100	1600	1500	1100	1000	800	600	300	0	0
	.90	3500	3500	3200	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	2900	2600	2300	2100	1700	1500	1400	1400	1100	800	600	300
	.10	2500	2200	2100	1600	1500	1100	1000	900	600	300	0	0
	.90	3500	3800	3500	3400	2600	2400	2200	2200	1900	1600	1400	1200
	.50	2900	2600	2300	2300	1700	1500	1400	1400	1100	800	600	300
	.10	2500	2200	2100	1700	1500	1100	1000	900	600	300	0	0
	.90	3800	3800	3500	3400	2600	2400	2200	2200	1900	1600	1400	1200
	.50	2900	2600	2400	2300	2100	1700	1600	1500	1200	900	700	500
	.10	2500	2200	2100	2100	2100	1600	1100	1000	700	400	100	0
	.90	3800	3800	3500	3400	2600	2400	2200	2200	1900	1600	1400	1200
	.50	2900	2600	2400	2300	2100	1700	1600	1500	1200	900	700	500
	.10	2500	2200	2100	2100	2100	1600	1100	1000	700	400	100	0
	.90	3800	3800	3500	3400	2600	2400	2200	2200	1900	1600	1400	1200
	.50	2900	2600	2400	2300	2100	1700	1600	1500	1200	900	700	500
	.10	2500	2200	2100	2100	2100	1600	1100	1000	700	400	100	0

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	Q	EXC.	Q	EXC.	Q	EXC.	Q	EXC.	Q	EXC.	Q	EXC.
4600	.90	3500	2900	2600	2500	2300	2100	2000	1900	1600	1300	1000	900
	.50	2900	2600	2300	2100	1700	1500	1400	1300	1000	700	500	300
	.10	2500	2200	2100	1700	1500	1100	1000	900	600	400	0	0
	.90	3500	3500	2900	2600	2400	2200	2100	2000	1700	1400	1200	1000
	.50	2900	2600	2300	2200	1900	1600	1400	1400	1100	800	600	400
	.10	2500	2200	2100	2000	1500	1200	1000	900	600	400	100	0
	.90	3800	3800	3500	3500	2800	2400	2300	2200	1900	1600	1400	1300
	.50	2900	2600	2400	2300	2100	1800	1700	1500	1300	1000	700	600
	.10	2500	2200	2100	2100	1600	1300	1100	1000	700	500	200	0
4700	.90	3500	2900	2600	2600	2300	2200	2000	1900	1600	1300	1100	900
	.50	2900	2600	2300	2200	1700	1600	1400	1400	1000	800	500	300
	.10	2500	2200	2100	2000	1500	1200	1000	900	600	400	100	0
	.90	3500	3500	2900	2600	2400	2200	2200	2100	1800	1400	1200	1000
	.50	2900	2600	2300	2300	2000	1700	1500	1400	1100	900	600	400
	.10	2500	2200	2100	2100	1500	1200	1100	1000	700	400	100	0
	.90	3800	3800	3500	3500	2900	2500	2400	2200	1900	1700	1400	1300
	.50	3200	2600	2400	2300	2200	2000	1700	1600	1300	1000	800	600
	.10	2800	2200	2100	2100	1500	1400	1100	1000	700	500	200	0
	.90	3500	3000	2600	2600	2400	2200	2100	2000	1700	1300	1100	1000
	.50	2900	2600	2300	2300	2000	1600	1400	1400	1100	800	600	300
	.10	2500	2200	2100	2100	1600	1200	1100	1000	700	400	100	0
	.90	3700	3500	3000	2900	2500	2300	2200	2100	1800	1500	1300	1100
	.50	2900	2600	2400	2300	2100	1700	1500	1400	1200	900	600	500
	.10	2500	2200	2100	2100	1600	1300	1100	1000	700	500	100	0
	.90	3800	3800	3500	3500	2900	2600	2400	2300	2000	1700	1500	1400
	.50	3200	2600	2500	2300	2200	2000	1700	1600	1300	1000	800	600
	.10	2800	2200	2100	2100	1700	1500	1200	1100	800	500	300	100
	.90	3500	3200	2800	2600	2400	2200	2100	2000	1700	1400	1200	1000
	.50	2900	2600	2300	2300	2000	1700	1500	1400	1100	800	600	400
	.10	2500	2200	2100	2100	1600	1300	1100	1000	700	400	100	0
	.90	3700	3500	3200	2900	2600	2400	2200	2200	1800	1500	1300	1100
	.50	3000	2600	2400	2300	2100	1800	1600	1500	1200	900	700	500
	.10	2600	2200	2100	2100	1700	1500	1200	1100	800	500	200	0
	.90	4700	3800	3600	3500	3000	2600	2400	2400	2000	1800	1600	1400
	.50	3200	2900	2600	2400	2300	2100	1800	1700	1400	1100	900	700
	.10	2800	2300	2200	2100	1600	1400	1100	1000	700	500	200	0
	.90	4700	3800	3600	3500	3000	2600	2400	2400	2000	1800	1600	1400
	.50	3200	2900	2600	2400	2300	2100	1800	1700	1400	1100	900	700
	.10	2800	2300	2200	2100	1600	1400	1100	1000	800	500	200	0
	.90	4700	3800	3600	3500	3000	2600	2400	2400	2000	1800	1600	1400
	.50	3200	2900	2600	2400	2300	2100	1800	1700	1400	1100	900	700
	.10	2800	2300	2200	2100	1600	1400	1100	1000	800	500	200	0
	.90	4700	3800	3600	3500	3000	2600	2400	2400	2000	1800	1600	1400
	.50	3200	2900	2600	2400	2300	2100	1800	1700	1400	1100	900	700
	.10	2800	2300	2200	2100	1600	1400	1100	1000	800	500	200	0
	.90	4700	3800	3600	3500	3000	2600	2400	2400	2000	1800	1600	1400
	.50	3200	2900	2600	2400	2300	2100	1800	1700	1400	1100	900	700
	.10	2800	2300	2200	2100	1600	1400	1100	1000	800	500	200	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3500	2900	2600	2400	2200	2200	2200	2100	1800	1400	1200	1000
	.50	2900	2300	2300	2000	1700	1500	1400	1400	1200	900	600	500
	.10	2500	2100	2100	1500	1400	1100	1000	1000	700	500	200	0
	.90	3800	3400	3000	2500	2400	2300	2200	2200	1900	1600	1400	1200
	.50	3200	2600	2300	2100	1800	1700	1500	1500	1300	1000	700	600
	.10	2800	2200	2100	1700	1500	1200	1100	1100	700	500	200	0
	.90	4800	3800	3500	3200	2600	2500	2400	2400	2100	1800	1600	1500
	.50	3300	2600	2500	2300	2100	2000	2000	1700	1400	1100	900	700
	.10	3000	2200	2100	1700	1500	1300	1200	1200	800	500	400	100
5100	.90	3700	2900	2600	2500	2300	2200	2200	2100	1800	1500	1300	1100
	.50	3200	2500	2300	2100	1700	1500	1500	1500	1200	900	600	500
	.10	2800	2100	2100	1700	1500	1200	1100	1100	700	500	200	0
	.90	3800	3500	3200	2600	2400	2300	2200	2200	1900	1600	1400	1300
	.50	3200	2700	2300	2200	2000	1700	1600	1600	1300	1000	800	600
	.10	3000	2300	2200	1700	1500	1200	1100	1100	800	500	300	100
5200	.90	4800	4700	3700	3500	2800	2600	2600	2400	2100	1900	1700	1500
	.50	3300	3200	2600	2300	2200	2000	2000	1800	1400	1200	1000	800
	.10	3000	2200	2100	2000	1600	1400	1400	1200	900	600	400	200
	.90	3700	3000	2900	2600	2400	2200	2200	2200	1800	1500	1300	1100
	.50	3200	2700	2300	2100	1800	1700	1700	1500	1300	1000	700	500
	.10	3000	2200	2100	1700	1500	1200	1200	1100	800	500	200	0
	.90	3800	3500	3200	2800	2500	2400	2400	2200	1900	1700	1500	1300
	.50	3200	2900	2400	2300	2100	1700	1700	1700	1400	1100	800	600
	.10	3000	2500	2100	1700	1500	1300	1300	1200	800	500	400	100
5300	.90	4800	4800	3800	3500	2900	2600	2600	2500	2200	1900	1700	1600
	.50	3300	3300	3200	2400	2200	2100	2100	2000	1500	1200	1000	800
	.10	3000	2200	2200	2100	1700	1500	1500	1300	900	600	400	200
	.90	3700	3200	2900	2600	2400	2300	2300	2200	1900	1600	1400	1200
	.50	3200	2900	2600	2300	2000	1700	1700	1600	1300	1000	800	600
	.10	3000	2500	2200	1700	1500	1300	1300	1200	800	500	300	100
	.90	3800	3500	3400	2900	2600	2400	2400	2300	2000	1700	1500	1400
	.50	3200	2600	2400	2300	2100	1800	1800	1700	1400	1100	900	700
	.10	3000	2200	2100	2000	1600	1400	1400	1200	800	500	400	100
	.90	4800	4800	3900	3500	3000	2600	2600	2600	2200	1900	1700	1600
	.50	3300	3300	3200	2500	2300	2300	2100	2000	1500	1200	1100	900
	.10	3000	2200	2200	2100	1700	1500	1500	1400	1000	600	500	300

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3700	3500	3400	3000	2600	2400	2300	2200	1900	1600	1400	1300
	.50	3200	3200	2600	2400	2300	2100	1700	1700	1400	1000	800	600
	.10	3000	3000	2200	2100	2000	1600	1400	1200	800	500	400	100
	.90	3800	3800	3500	3500	2900	2600	2400	2400	2100	1800	1600	1400
	.50	3200	3200	2600	2600	2300	2100	2000	1700	1400	1100	900	700
	.10	3000	3000	2200	2200	2100	1700	1500	1300	900	600	400	200
	.90	4900	4800	4800	4700	3500	3200	2800	2600	2200	2000	1800	1600
	.50	3400	3300	3300	3200	2600	2300	2200	2100	1500	1300	1100	1000
	.10	3200	3000	2300	2200	2100	1800	1600	1500	1000	700	500	300
5500	.90	3700	3500	3500	3200	2700	2500	2400	2300	2000	1700	1400	1300
	.50	3200	3200	2600	2500	2300	2100	1800	1700	1400	1100	900	600
	.10	3000	3000	2200	2100	2100	1700	1500	1300	900	500	400	100
	.90	3800	3800	3500	3500	3000	2600	2500	2400	2100	1800	1600	1500
	.50	3200	3200	2600	2600	2300	2200	2100	1800	1400	1200	1000	800
	.10	3000	3000	2200	2200	2100	1700	1500	1400	1000	600	400	200
	.90	4900	4900	4800	4700	3600	3200	2900	2600	2300	2000	1800	1700
	.50	3400	3400	3300	3200	2600	2300	2200	2100	1600	1300	1200	1000
	.10	3200	3000	2500	2200	2100	1900	1700	1500	1000	700	500	400
5600	.90	3800	3500	3500	3200	2900	2600	2400	2300	2000	1700	1500	1400
	.50	3200	3200	2600	2600	2300	2100	2000	1700	1400	1100	900	700
	.10	3000	3000	2200	2200	2100	1700	1500	1400	900	600	400	200
	.90	4900	4900	4800	4700	3600	3200	2900	2600	2300	2000	1800	1700
	.50	3400	3400	3300	3200	2600	2300	2200	2100	1600	1300	1200	1000
	.10	3200	3000	2500	2200	2100	1900	1700	1500	1000	700	500	400
5700	.90	3800	3800	3500	3500	3100	2700	2600	2500	2100	1900	1700	1500
	.50	3400	3200	2700	2600	2300	2200	2100	2000	1500	1200	1000	800
	.10	3200	3000	2300	2200	2100	1800	1600	1500	1000	600	500	300
	.90	4900	4900	4800	4800	3600	3400	3000	2700	2400	2000	1900	1700
	.50	3400	3400	3300	3300	2600	2300	2300	2200	1700	1400	1200	1100
	.10	3200	3000	2700	2300	2200	2000	1700	1600	1100	700	500	400
	.90	3800	3700	3500	3300	2900	2600	2500	2400	2100	1800	1600	1400
	.50	3400	3200	2700	2600	2300	2200	2100	1800	1400	1200	1000	800
	.10	3200	3000	2300	2200	2100	1700	1600	1500	1000	600	500	200
	.90	4900	4900	4800	4800	3600	3400	3000	2700	2400	2000	1900	1600
	.50	3400	3400	3300	3300	2600	2300	2300	2200	1700	1400	1200	1100
	.10	3200	3000	2700	2300	2200	2000	1700	1600	1100	700	500	400
	.90	3800	3800	3500	3300	2900	2600	2500	2400	2100	1800	1600	1400
	.50	3400	3200	2700	2600	2300	2200	2100	1800	1400	1200	1000	800
	.10	3200	3000	2300	2200	2100	1700	1600	1500	1000	600	500	200
	.90	4900	4900	4800	4800	3600	3400	3000	2700	2400	2000	1900	1600
	.50	3400	3400	3300	3300	2600	2300	2300	2200	1700	1400	1200	1100
	.10	3200	3000	2700	2300	2200	2000	1700	1600	1100	700	500	300
	.90	5300	4900	4800	4800	3600	3500	3100	2900	2400	2100	1900	1800
	.50	3800	3400	3300	3300	2700	2400	2300	2200	1700	1400	1200	1100
	.10	3200	3000	2800	2300	2200	2100	1800	1700	1100	800	500	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3800	3800	3500	3500	3000	2600	2500	2400	2100	1800	1600	1400
	.50	3400	3200	2900	2600	2400	2300	2100	2000	1500	1200	1000	800
	.10	3200	3000	2500	2200	2100	1800	1700	1500	1000	700	500	300
	.90	4700	3800	3600	3500	3200	2900	2600	2600	2200	1900	1800	1600
	.50	3400	3200	3000	2700	2600	2300	2200	2100	1600	1300	1100	1000
	.10	3200	3000	2700	2300	2200	2000	1700	1600	1100	700	500	400
	.90	5300	5300	4900	4800	3800	3500	3200	3000	2500	2100	1900	1800
	.50	3800	3800	3400	3300	2900	2500	2300	2300	1800	1400	1200	1100
	.10	3200	3000	2800	2300	2200	2100	1800	1700	1100	800	600	400
5900	.90	3800	3800	3500	3500	3100	2700	2600	2500	2100	1900	1700	1500
	.50	3400	3200	3000	2700	2500	2300	2200	2100	1500	1300	1100	800
	.10	3200	3000	2700	2300	2100	2000	1700	1600	1000	700	500	300
	.90	4800	4800	3800	3500	3400	3000	2700	2600	2300	2000	1800	1600
	.50	3400	3300	3200	2900	2600	2300	2300	2100	1600	1300	1200	1000
	.10	3200	3000	2800	2300	2200	2100	1800	1600	1100	700	500	400
	.90	5400	5300	5200	4900	3900	3600	3500	3200	2500	2100	2000	1900
	.50	3900	3800	3700	3400	3200	2600	2400	2300	1800	1400	1300	1200
	.10	3200	3000	2800	2500	2200	2100	2000	1800	1200	800	600	500
	.90	3800	3800	3500	3500	3200	2900	2600	2500	2200	1900	1700	1500
	.50	3400	3200	3000	2700	2600	2300	2200	2100	1500	1300	1100	900
	.10	3200	3000	2800	2300	2200	2100	1800	1600	1100	700	500	400
	.90	4800	4800	4700	3700	3500	3100	2900	2600	2300	2000	1900	1700
	.50	3500	3300	3200	3100	2500	2400	2300	2200	1700	1400	1200	1000
	.10	3200	3000	2800	2300	2200	2100	1800	1700	1100	800	500	400
	.90	5400	5400	5300	5000	4800	3800	3600	3300	2500	2100	2000	1900
	.50	3900	3900	3800	3500	3300	2700	2600	2400	2000	1500	1300	1200
	.10	3200	3000	2800	2600	2300	2100	2000	1800	1200	900	700	500
	.90	3800	3800	3500	3500	3200	2900	2600	2600	2200	1900	1800	1600
	.50	3500	3200	3000	2700	2500	2300	2300	2100	1600	1300	1100	1000
	.10	3200	3000	2800	2300	2200	2100	1800	1700	1100	700	500	400
	.90	4800	4800	4800	3800	3500	3200	3000	2700	2400	2000	1900	1700
	.50	3600	3300	3300	3200	2700	2400	2300	2200	1700	1400	1200	1100
	.10	3200	3000	2800	2500	2200	2100	2000	1700	1200	800	600	400
	.90	5400	5400	5300	5000	4900	3800	3600	3500	2600	2200	2000	1900
	.50	4100	3900	3800	3500	3400	3000	2700	2400	2000	1500	1300	1200
	.10	3700	3000	3000	2600	2300	2200	2100	1900	1300	900	700	500

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3900	3800	3600	3500	3200	3000	2700	2600	2200	2000	1800	1600
	.50	3600	3200	3100	2800	2500	2400	2300	2200	1600	1400	1200	1000
	.10	3200	3000	2800	2400	2200	2100	1900	1700	1100	800	500	400
	.90	4800	4800	4900	3900	3500	3200	3000	2800	2400	2100	1900	1800
	.50	3600	3300	3300	3200	2700	2700	2300	2300	1700	1400	1200	1100
	.10	3200	3000	2800	2600	2300	2100	2000	1800	1200	800	600	500
	.90	5400	5400	5400	5200	4900	3800	3600	3500	2600	2200	2000	1900
	.50	4100	3900	3900	3700	3400	3000	2700	2500	2100	1600	1400	1200
	.10	3700	3000	3000	2700	2300	2200	2100	2000	1400	1000	700	500
	.90	3900	3800	3600	3500	3300	3000	2800	2800	2600	2300	2000	1800
6300	.50	3600	3200	3200	2900	2700	2400	2300	2200	1700	1400	1200	1100
	.10	3200	3000	2800	2500	2300	2100	2000	1800	1200	800	600	400
	.90	4900	4800	4800	4700	3500	3300	3100	2900	2400	2100	1900	1800
	.50	4100	3300	3300	3200	2800	2600	2400	2300	1800	1400	1300	1200
	.10	3700	3000	3000	2600	2300	2200	2100	1800	1200	900	600	500
	.90	5400	5400	5400	5300	4900	3900	3600	3500	2600	2300	2000	2000
	.50	4400	3900	3900	3800	3400	3100	2700	2600	2100	1600	1400	1200
	.10	4000	3000	3000	2700	2300	2300	2100	2000	1400	1000	800	500
	.90	4700	3800	3700	3500	3300	3100	2900	2700	2400	2000	1900	1700
	.50	4100	3200	3200	3000	2700	2500	2300	2300	1700	1400	1200	1100
6400	.10	3700	3000	3000	2500	2300	2100	2100	1800	1200	800	600	500
	.90	4900	4900	4800	4700	3500	3400	3200	3000	2500	2100	2000	1800
	.50	4100	3400	3300	3300	2900	2700	2400	2300	1800	1500	1300	1200
	.10	3700	3000	3000	2700	2300	2200	2100	2000	1300	900	700	500
	.90	5400	5400	5400	5300	4900	3900	3600	3500	2700	2300	2100	2000
	.50	4100	3900	3900	3800	3400	3100	2700	2600	2100	1600	1400	1300
	.10	3700	3000	3000	2800	2400	2300	2200	2100	1400	1000	800	600
	.90	4800	4800	3800	3600	3500	3200	3000	2800	2400	2100	1900	1800
	.50	4100	3300	3200	3100	2700	2600	2400	2300	1700	1400	1300	1100
	.10	3700	3000	3000	2700	2300	2200	2100	1900	1200	900	700	500
6500	.90	4900	4900	4800	4800	3600	3500	3200	3000	2500	2100	2000	1900
	.50	4100	3400	3300	3200	2800	2600	2400	2300	1700	1400	1300	1100
	.10	3700	3000	3000	2700	2300	2200	2100	2000	1300	900	700	500
	.90	5400	5400	5400	5300	4900	3900	3600	3500	2700	2300	2100	2000
	.50	4100	3900	3900	3800	3400	3200	2700	2700	2100	1600	1400	1300
	.10	3700	3000	3000	2800	2400	2300	2200	2100	1400	1000	800	600
	.90	4800	4800	3800	3600	3500	3200	3000	2800	2400	2100	1900	1800
	.50	4100	3300	3200	3100	2700	2600	2400	2300	1700	1400	1300	1100
	.10	3700	3000	3000	2700	2300	2200	2100	1900	1200	900	700	500
	.90	4900	4900	4800	4800	3600	3500	3200	3000	2500	2100	2000	1900
6600	.50	4400	3400	3300	3300	3000	2700	2600	2400	1800	1500	1300	1200
	.10	4000	3000	3000	2700	2300	2300	2100	2000	1300	900	700	500
	.90	5500	5400	5400	5300	4900	3900	3600	3500	2700	2300	2100	2000
	.50	4400	3900	3900	3800	3400	3100	2700	2600	2100	1600	1400	1300
	.10	4000	3000	3000	2700	2300	2300	2100	2000	1300	900	700	500
	.90	5400	5400	5400	5300	4900	3900	3600	3500	2700	2300	2100	2000
	.50	4100	3400	3300	3200	2800	2600	2400	2300	1700	1400	1300	1100
	.10	3700	3000	3000	2700	2300	2200	2100	1900	1200	900	700	500
	.90	4900	4900	4800	4800	3600	3500	3200	3000	2500	2100	2000	1900
	.50	4400	3400	3300	3200	2800	2600	2400	2300	1700	1400	1300	1100

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4800	4800	4700	3800	3500	3200	3000	2900	2400	2100	1900	1800
	.50	4100	3300	3200	3200	2800	2700	2400	2300	1800	1400	1300	1200
	.10	3700	3000	3000	2700	2300	2200	2100	2000	1300	900	700	500
	.90	5300	4900	4800	4800	3700	3500	3300	3100	2500	2200	2000	1900
	.50	4100	3600	3300	3300	3000	2700	2600	2400	2000	1500	1300	1200
	.10	3700	3000	3000	2800	2400	2300	2200	2100	1400	1000	800	500
	.90	5500	5400	5400	5300	4900	3900	3600	3500	2700	2400	2100	2000
	.50	4400	4000	3900	3800	3400	3200	2800	2700	2200	1700	1400	1300
	.10	4000	3200	3000	2800	2400	2300	2200	2100	1500	1100	800	600
6700	.90	4900	4800	4800	3800	3500	3300	3100	3000	2500	2100	2000	1800
	.50	4400	3300	3300	3200	2900	2700	2600	2400	1800	1500	1300	1200
	.10	4000	3000	3000	2800	2400	2300	2200	2100	1400	1000	700	500
	.90	5300	5300	4900	4800	3800	3600	3400	3200	2600	2200	2000	1900
	.50	4400	3800	3400	3300	3200	2800	2700	2500	2100	1600	1400	1200
	.10	4000	3000	3000	2800	2400	2300	2200	2100	1400	1000	800	600
	.90	5500	5500	5400	5400	4900	3900	3600	3500	2800	2400	2100	2000
	.50	4400	4000	3900	3900	3400	3200	2800	2700	2200	1700	1400	1300
	.10	4000	3200	3000	2800	2400	2300	2300	2200	1600	1100	800	700
6800	.90	4800	4800	4800	4300	3500	3300	3200	3000	2500	2100	2000	1900
	.50	4100	3300	3300	3200	3000	2700	2600	2400	2000	1500	1300	1200
	.10	3700	3000	3000	2800	2400	2300	2200	2100	1400	1000	800	500
	.90	5400	5300	5200	4900	4200	3700	3500	3300	2600	2300	2000	2000
	.50	4400	3900	3800	3400	3200	2800	2700	2600	2100	1600	1400	1300
	.10	4000	3200	3000	2800	2400	2300	2200	2100	1500	1100	800	600
	.90	5500	5500	5400	5400	4900	3900	3600	3500	2900	2400	2200	2000
	.50	4400	4000	3900	3900	3400	3200	2800	2800	2200	1700	1500	1300
	.10	4000	3200	3000	2900	2500	2400	2300	2200	1600	1100	900	700
6900	.90	4900	4800	4800	4700	3600	3400	3200	2800	2500	2200	2000	1900
	.50	4400	3600	3300	3300	3000	2700	2700	2500	2000	1600	1400	1200
	.10	4000	3200	3000	2800	2400	2300	2200	2100	1500	1100	800	600
	.90	5500	5400	5400	5400	4900	3900	3600	3500	2900	2400	2200	2000
	.50	4400	4000	3900	3900	3400	3200	2800	2800	2200	1700	1500	1300
	.10	4000	3200	3000	2900	2500	2400	2300	2200	1600	1100	900	700
6900	.90	4900	4800	4800	4700	3600	3400	3200	2800	2500	2200	2000	1900
	.50	4400	3600	3300	3300	3000	2700	2700	2500	2000	1600	1400	1200
	.10	4000	3200	3000	2800	2400	2300	2200	2100	1500	1100	800	600
	.90	5500	5400	5400	5400	4900	3900	3600	3500	2900	2400	2200	2000
	.50	4400	4000	3900	3900	3400	3200	2800	2800	2200	1700	1500	1300
	.10	4000	3200	3000	2900	2500	2400	2300	2200	1600	1100	900	700
6900	.90	4900	4800	4800	4700	3600	3400	3200	2800	2500	2200	2000	1900
	.50	4400	3600	3300	3300	3000	2700	2700	2500	2000	1600	1400	1200
	.10	4000	3200	3000	2800	2400	2300	2200	2100	1500	1100	800	600
	.90	5500	5400	5400	5400	4900	3900	3600	3500	2900	2400	2200	2000
	.50	4400	4000	3900	3900	3400	3200	2800	2800	2200	1700	1500	1300
	.10	4000	3200	3000	2900	2500	2400	2300	2200	1600	1100	900	700
6900	.90	4900	4800	4800	4700	3600	3400	3200	2800	2500	2200	2000	1900
	.50	4400	3600	3300	3300	3000	2700	2700	2500	2000	1600	1400	1200
	.10	4000	3200	3000	2800	2400	2300	2200	2100	1500	1100	800	600
	.90	5500	5400	5400	5400	4900	3900	3600	3500	2900	2400	2200	2000
	.50	4400	4000	3900	3900	3400	3200	2800	2800	2200	1700	1500	1300
	.10	4000	3200	3000	2900	2500	2400	2300	2200	1600	1100	900	700
6900	.90	4900	4800	4800	4700	3600	3400	3200	2800	2500	2200	2000	1900
	.50	4400	3600	3300	3300	3000	2700	2700	2500	2000	1600	1400	1200
	.10	4000	3200	3000	2800	2400	2300	2200	2100	1500	1100	800	600
	.90	5500	5400	5400	5400	4900	3900	3600	3500	2900	2400	2200	2000
	.50	4400	4000	3900	3900	3400	3200	2800	2800	2200	1700	1500	1300
	.10	4000	3200	3000	2900	2500	2400	2300	2200	1600	1100	900	700
6900	.90	4900	4800	4800	4700	3600	3400	3200	2800	2500	2200	2000	1900
	.50	4400	3600	3300	3300	3000	2700	2700	2500	2000	1600	1400	1200
	.10	4000	3200	3000	2800	2400	2300	2200	2100	1500	1100	800	600
	.90	5500	5400	5400	5400	4900	3900	3600	3500	2900	2400	2200	2000
	.50	4400	4000	3900	3900	3400	3200	2800	2800	2200	1700	1500	1300
	.10	4000	3200	3000	2900	2500	2400	2300	2200	1600	1100	900	700

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
7000	.90		4900	4800	4700	3500	3500	3300	3100	2600	2200	2000	1900
	.50		4400	3300	3300	3000	2800	2700	2600	2100	1600	1400	1300
	.10		4000	3000	2800	2400	2300	2300	2200	1500	1100	800	600
	.90	.50	5400	5300	5000	4700	3900	3600	3500	2800	2400	2100	2000
	.50	.10	4400	3900	3600	3400	3200	2800	2700	2200	1700	1400	1300
	.10		4000	3000	2900	2500	2400	2300	2200	1600	1100	900	700
	.90		6200	6100	6100	5400	4800	4000	3700	3100	2500	2200	2100
	.50		4700	4600	4600	3900	3400	3100	2900	2400	1800	1500	1400
	.10		4000	3000	3000	2700	2500	2400	2300	1800	1200	1000	800



TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1000	1000	1000	900	700	600	500	400	300	100	0	0
	.50	700	700	600	600	400	200	100	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1300	1000	1000	1000	800	700	600	500	300	100	0	0
	.50	800	700	700	600	500	200	100	100	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	1700	1600	1300	1200	1100	900	700	700	400	200	100	0
	.50	900	900	900	800	700	400	200	200	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
1900	.90	1000	1000	1000	1000	800	600	500	400	300	100	0	0
	.50	700	700	700	600	500	200	100	100	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	1400	1300	1100	1000	900	700	600	500	300	100	0	0
	.50	900	800	700	700	600	300	200	100	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
2000	.90	1700	1600	1400	1300	1100	1000	900	700	400	200	100	0
	.50	900	900	900	900	700	500	300	200	0	0	0	0
	.10	300	300	300	200	100	0	0	0	0	0	0	0
	.90	1300	1100	1000	1000	900	700	600	500	300	100	0	0
	.50	800	800	700	700	500	200	200	100	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1400	1300	1300	1200	1000	800	700	600	300	200	100	0
	.50	900	900	900	800	700	400	200	200	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
2100	.90	1700	1700	1400	1300	1200	1000	900	800	400	300	100	0
	.50	1100	1000	900	900	800	600	400	200	0	0	0	0
	.10	400	300	300	300	100	0	0	0	0	0	0	0
	.90	1400	1300	1200	1100	1000	800	700	500	300	100	0	0
	.50	900	900	900	800	400	400	200	100	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1200	1000	900	700	700	400	200	100	0
	.50	900	900	900	900	500	500	300	200	0	0	0	0
	.10	300	300	300	200	100	0	0	0	0	0	0	0
	.90	1800	1700	1400	1400	1200	1100	1000	900	500	300	200	100
	.50	1300	1000	900	900	800	600	500	300	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1400	1300	1200	1200	1000	900	700	600	300	200	100	0
	.50	900	900	900	800	700	500	200	200	0	0	0	0
	.10	300	300	300	200	100	0	0	0	0	0	0	0
	.90	1600	1500	1300	1300	1100	1000	800	700	400	200	100	0
	.50	1100	1000	900	900	800	600	400	200	0	0	0	0
	.10	400	300	300	300	100	0	0	0	0	0	0	0
	.90	2200	1700	1500	1400	1300	1100	1000	1000	500	300	200	100
	.50	1300	1100	1000	900	800	700	500	400	0	0	0	0
	.10	600	400	300	300	200	0	0	0	0	0	0	0
2300	.90	1400	1400	1300	1200	1100	900	700	700	400	200	100	0
	.50	1000	900	900	900	700	600	300	200	0	0	0	0
	.10	400	300	300	300	100	0	0	0	0	0	0	0
	.90	1800	1500	1400	1300	1200	1000	900	800	400	200	100	0
	.50	1300	1000	900	900	800	600	500	300	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	2200	1800	1600	1400	1300	1200	1100	1000	600	400	200	100
	.50	1300	1300	1000	900	900	700	600	400	100	0	0	0
	.10	700	400	400	300	200	0	0	0	0	0	0	0
2400	.90	1600	1500	1300	1300	1100	1000	800	700	400	200	100	0
	.50	1100	1000	900	900	800	600	500	200	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	1800	1600	1400	1300	1200	1100	1000	900	500	300	100	100
	.50	1300	1100	1000	900	800	700	500	400	0	0	0	0
	.10	600	400	300	300	200	0	0	0	0	0	0	0
	.90	2200	1800	1600	1600	1400	1200	1100	1100	700	400	200	100
	.50	1300	1300	1100	1000	900	800	600	500	100	0	0	0
	.10	700	700	400	300	200	100	0	0	0	0	0	0
2500	.90	1800	1500	1400	1300	1200	1000	900	800	400	200	100	0
	.50	1300	1000	900	900	800	700	500	300	0	0	0	0
	.10	600	400	300	300	100	0	0	0	0	0	0	0
	.90	1800	1800	1400	1400	1300	1100	1000	900	500	300	200	100
	.50	1300	1300	1000	900	900	700	500	300	0	0	0	0
	.10	700	400	300	300	100	0	0	0	0	0	0	0
	.90	2200	1800	1400	1400	1300	1100	1000	900	500	300	200	100
	.50	1300	1300	1000	900	900	700	600	400	0	0	0	0
	.10	700	400	400	300	200	0	0	0	0	0	0	0
	.90	2200	1800	1700	1600	1400	1300	1200	1100	800	400	300	200
	.50	1300	1300	1200	1000	900	800	700	600	200	0	0	0
	.10	700	700	400	300	200	0	0	0	0	0	0	0
	.90	2200	1800	1700	1600	1400	1300	1200	1100	800	400	300	200
	.50	1300	1300	1200	1000	900	800	700	600	200	0	0	0
	.10	700	700	400	400	200	0	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1800	1600	1400	1400	1200	1000	1000	900	500	300	100	100
	.50	1300	1300	1000	900	900	700	600	400	0	0	0	0
	.10	700	400	400	300	200	0	0	0	0	0	0	0
	.90	1800	1800	1600	1400	1300	1200	1100	1000	600	300	200	100
	.50	1300	1300	1100	1000	900	800	600	500	100	0	0	0
	.10	700	700	400	300	200	100	0	0	0	0	0	0
	.90	2300	2100	1700	1600	1400	1300	1200	1200	800	500	300	200
	.50	1400	1300	1300	1000	900	800	700	600	200	0	0	0
	.10	700	700	400	400	300	100	0	0	0	0	0	0
2700	.90	1800	1800	1500	1400	1300	1100	1000	900	500	300	200	100
	.50	1300	1300	1000	1000	900	700	600	500	100	0	0	0
	.10	700	700	400	300	200	100	0	0	0	0	0	0
	.90	1800	1800	1600	1500	1300	1200	1100	1000	700	400	200	100
	.50	1300	1300	1200	1000	900	800	700	600	100	0	0	0
	.10	700	700	400	400	200	100	0	0	0	0	0	0
	.90	2300	2200	1800	1700	1600	1300	1300	1200	900	500	400	300
	.50	1500	1300	1300	1100	900	900	800	700	200	0	0	0
	.10	900	700	400	400	300	200	100	0	0	0	0	0
2800	.90	1800	1800	1600	1400	1300	1100	1000	900	600	300	200	100
	.50	1300	1300	1100	1000	900	800	700	500	100	0	0	0
	.10	700	700	400	400	200	100	0	0	0	0	0	0
	.90	1900	1800	1600	1600	1400	1200	1100	1100	700	400	300	100
	.50	1400	1300	1300	1000	900	800	700	600	200	0	0	0
	.10	700	700	400	400	300	100	0	0	0	0	0	0
	.90	3200	2300	1800	1700	1500	1400	1300	1200	900	500	400	300
	.50	1600	1300	1300	1100	1000	900	800	700	300	0	0	0
	.10	900	700	600	400	300	200	100	0	0	0	0	0
2900	.90	1800	1800	1600	1400	1300	1200	1100	1000	600	400	200	100
	.50	1300	1300	1300	1000	900	800	700	600	100	0	0	0
	.10	700	700	400	400	300	100	0	0	0	0	0	0
	.90	1900	1800	1600	1600	1400	1300	1200	1100	800	400	300	200
	.50	1300	1300	1300	1000	900	800	700	600	100	0	0	0
	.10	700	700	400	400	300	100	0	0	0	0	0	0
	.90	1900	1800	1600	1600	1400	1300	1200	1100	800	400	300	200
	.50	1500	1300	1300	1100	900	900	700	600	200	0	0	0
	.10	900	700	400	400	300	200	100	0	0	0	0	0
	.90	3200	2300	1900	1800	1600	1400	1300	1300	1000	700	400	300
	.50	1600	1300	1300	1200	1000	900	800	700	300	0	0	0
	.10	1000	700	700	400	300	200	100	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1900	1800	1600	1500	1300	1200	1100	1000	700	400	200	100
	.50	1500	1300	1300	1100	900	800	700	600	200	0	0	0
	.10	900	700	400	400	300	100	0	0	0	0	0	0
	.90	1900	1800	1700	1600	1400	1300	1200	1200	800	500	300	200
	.50	1500	1300	1300	1100	1000	900	800	700	200	0	0	0
	.10	900	700	600	400	300	200	100	0	0	0	0	0
	.90	3200	2300	2100	1900	1700	1500	1400	1300	1000	700	500	400
	.50	1900	1700	1300	1300	1000	900	900	800	400	100	0	0
	.10	1200	1100	700	400	400	200	100	100	0	0	0	0
3100	.90	1900	1800	1600	1600	1400	1300	1200	1100	800	400	300	200
	.50	1500	1300	1300	1100	1000	900	800	700	200	0	0	0
	.10	900	700	600	400	300	200	100	0	0	0	0	0
	.90	2200	1800	1700	1600	1500	1300	1300	1200	900	500	400	300
	.50	1600	1300	1300	1200	1000	900	800	700	300	0	0	0
	.10	1000	700	700	400	300	200	100	0	0	0	0	0
	.90	3200	2400	2200	2100	1700	1600	1400	1400	1100	800	500	400
	.50	1900	1800	1500	1300	1100	1000	900	800	500	100	0	0
	.10	1200	1200	700	700	400	200	100	100	0	0	0	0
3200	.90	1900	1800	1600	1600	1400	1300	1200	1100	800	400	300	200
	.50	1600	1300	1300	1100	1000	900	800	700	200	0	0	0
	.10	1000	700	700	400	300	200	100	0	0	0	0	0
	.90	2300	2000	1800	1700	1600	1400	1300	1200	900	600	400	300
	.50	1900	1700	1300	1300	1000	900	800	800	400	0	0	0
	.10	1200	1100	700	400	400	200	100	100	0	0	0	0
	.90	3200	2400	2200	2100	1900	1600	1500	1400	1200	800	600	500
	.50	1900	1900	1600	1300	1100	1000	900	900	600	200	0	0
	.10	1200	1200	1000	700	400	200	200	100	0	0	0	0
3300	.90	2300	2000	1800	1600	1500	1300	1200	1200	900	500	300	200
	.50	1900	1700	1300	1300	1000	900	800	700	300	0	0	0
	.10	1200	1100	700	400	300	200	100	0	0	0	0	0
	.90	2300	2200	1900	1800	1600	1500	1400	1300	1000	700	400	300
	.50	1900	1800	1400	1300	1100	900	900	800	500	100	0	0
	.10	1200	1200	700	700	400	200	100	100	0	0	0	0
	.90	3200	2400	2200	2100	1900	1700	1600	1500	1200	900	700	500
	.50	2000	1900	1700	1400	1200	1000	1000	900	600	200	0	0
	.10	1400	1200	1100	700	400	300	200	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOK:  
 SPANNING MONTH - SEPTEMBER INCURATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2300	2200	1800	1700	1600	1400	1300	1200	900	500	400	300
	.50	1900	1800	1400	1300	1300	900	900	800	400	0	0	0
	.10	1200	1200	700	700	400	200	100	100	0	0	0	0
	.90	2300	2300	2000	1900	1700	1600	1400	1300	1000	800	500	400
	.50	1900	1900	1600	1300	1100	1000	900	800	500	100	0	0
	.10	1200	1200	1000	700	400	200	200	100	0	0	0	0
	.90	3200	2400	2300	2100	1900	1700	1600	1600	1200	1000	700	500
	.50	2000	1900	1700	1400	1300	1100	1000	900	700	300	0	0
	.10	1400	1200	1100	700	400	300	200	200	0	0	0	0
3500	.90	2300	2300	1900	1800	1600	1400	1300	1300	1000	600	400	300
	.50	1900	1900	1600	1300	1100	900	900	800	500	100	0	0
	.10	1200	1200	1000	700	400	200	100	100	0	0	0	0
	.90	2300	2300	2100	2000	1700	1600	1500	1400	1100	800	500	400
	.50	2000	1900	1700	1400	1200	1000	900	900	600	200	0	0
	.10	1400	1200	1100	700	400	300	200	100	0	0	0	0
	.90	3200	2800	2300	2100	2000	1800	1700	1600	1300	1000	800	600
	.50	2400	1900	1700	1600	1300	1100	1000	1000	700	300	100	0
	.10	1700	1200	1100	900	500	400	200	200	0	0	0	0
3600	.90	2300	2300	2000	1800	1500	1500	1400	1300	1000	700	400	300
	.50	2000	1900	1700	1300	1100	1000	900	900	600	100	0	0
	.10	1400	1200	1100	700	400	300	200	100	0	0	0	0
	.90	2300	2300	2100	2100	1800	1600	1600	1400	1200	900	600	400
	.50	2000	1900	1700	1400	1300	1100	1000	900	600	200	0	0
	.10	1400	1200	1100	700	400	300	200	200	0	0	0	0
	.90	3300	3200	2300	2200	2100	1900	1700	1700	1300	1000	900	600
	.50	2400	1900	1700	1600	1300	1100	1000	1000	800	400	200	0
	.10	1700	1200	1100	1000	700	400	300	200	0	0	0	0
3700	.90	2300	2300	2000	1900	1700	1600	1400	1400	1100	800	500	400
	.50	2000	1900	1700	1400	1300	1000	900	900	600	200	0	0
	.10	1400	1200	1100	700	400	300	200	100	0	0	0	0
	.90	3200	2300	2200	2100	1900	1700	1600	1500	1200	900	700	500
	.50	2400	1900	1700	1600	1300	1100	1000	1000	700	300	100	0
	.10	1700	1200	1100	900	500	400	200	200	0	0	0	0
	.90	3300	3200	2400	2300	2100	2000	1800	1700	1400	1100	900	700
	.50	2400	2000	1800	1700	1400	1300	1100	1100	800	500	200	0
	.10	1700	1400	1100	1100	700	400	300	300	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2800	2300	2100	2000	1800	1600	1500	1400	1100	800	500	400
	.50	2400	1900	1700	1500	1300	1100	1000	900	700	200	0	0
	.10	1700	1200	1100	900	500	300	200	200	0	0	0	0
	.90	3200	2800	2300	2100	2000	1800	1700	1600	1300	1000	700	500
	.50	2400	1900	1700	1600	1300	1200	1100	1000	700	300	100	0
	.10	1700	1200	1100	1000	700	400	300	200	0	0	0	0
	.90	3300	3300	2400	2300	2100	2100	1900	1800	1400	1200	1000	800
	.50	2500	2400	1800	1700	1500	1300	1200	1100	900	600	200	100
	.10	1800	1700	1200	1100	700	400	400	300	0	0	0	0
3900	.90	2800	2300	2100	2100	1900	1700	1600	1500	1200	900	600	400
	.50	2400	1900	1700	1600	1300	1100	1000	1000	700	300	100	0
	.10	1700	1200	1100	1000	600	400	300	200	0	0	0	0
	.90	3200	2800	2300	2100	2100	1900	1700	1600	1300	1000	800	600
	.50	2400	2000	1800	1700	1400	1200	1100	1000	800	400	200	0
	.10	1700	1400	1100	1100	700	400	300	300	0	0	0	0
4000	.90	3400	3300	2700	2400	2200	2100	2000	1900	1500	1200	1000	900
	.50	2500	2400	1900	1800	1600	1300	1200	1200	900	600	300	100
	.10	1800	1700	1200	1100	700	500	400	300	100	0	0	0
	.90	2800	2400	2200	2100	1900	1700	1600	1600	1200	900	700	500
	.50	2400	2000	1800	1700	1400	1200	1100	1000	700	300	100	0
	.10	1700	1400	1100	1100	700	400	300	200	0	0	0	0
	.90	3200	2800	2300	2200	2100	1900	1700	1700	1400	1100	900	700
	.50	2500	2400	1800	1700	1400	1300	1200	1100	800	500	200	0
	.10	1800	1700	1200	1100	700	400	400	300	0	0	0	0
	.90	3400	3300	2800	2400	2200	2100	2000	1900	1600	1300	1000	900
	.50	2500	2400	2000	1800	1700	1400	1300	1200	900	700	300	200
4100	.90	1800	1700	1300	1200	800	500	400	400	100	0	0	0
	.50	2900	2800	2300	2100	2000	1800	1700	1600	1300	1000	800	500
	.10	2500	2400	1800	1700	1400	1200	1100	1000	800	400	200	0
	.90	1800	1700	1200	1100	700	400	400	300	0	0	0	0
	.50	3200	2800	2300	2300	2100	2000	1800	1700	1400	1100	900	700
	.10	2500	2400	1900	1700	1600	1300	1200	1100	900	600	200	100
	.90	1800	1700	1200	1100	700	500	400	300	100	0	0	0
	.50	3500	3300	3200	2600	2300	2100	2100	2000	1600	1300	1100	1000
	.10	2800	2400	2300	1900	1700	1500	1300	1300	1000	700	400	200
	.50	2100	1700	1700	1200	1000	600	400	400	100	0	0	0

PAGE 38  
 TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINDOOK:  
 SPawning MONTH -- SEPTEMBER      INCUBATION MONTH -- DECEMBER

Q	SPawning INCUBATION		INCUBATION MONTH -- DECEMBER											
	EXC.	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4200	.90	.90	2900	2800	2300	2200	2100	1900	1700	1700	1300	1000	800	600
	.50	.50	2500	2400	1900	1700	1500	1300	1200	1100	800	500	200	0
	.10	.10	1800	1700	1200	1100	700	500	400	300	100	0	0	0
	.90	.50	3200	2900	2400	2300	2100	2000	1900	1800	1400	1200	1000	800
	.50	.50	2500	2400	2000	1800	1500	1400	1300	1200	900	600	300	100
4300	.10	.10	1800	1700	1300	1200	800	500	400	400	100	0	0	0
	.90	.90	3500	3400	3200	2800	2400	2200	2100	2000	1700	1300	1100	1000
	.50	.50	2800	2500	2300	1900	1700	1500	1400	1300	1000	700	500	200
	.10	.90	2100	1800	1700	1200	1100	700	500	400	100	0	0	0
	.90	.50	3200	2800	2400	2300	2100	1900	1800	1700	1400	1100	900	700
4400	.50	.50	2500	2400	2300	1800	1500	1300	1200	1100	900	600	200	100
	.10	.10	1800	1700	1700	1200	1000	600	400	400	100	0	0	0
	.90	.90	3500	3500	3200	2900	2400	2200	2100	2100	1700	1400	1200	1000
	.50	.50	2800	2500	2300	2100	1800	1600	1400	1300	1000	800	500	300
	.10	.90	2100	1800	1700	1300	1100	700	500	400	200	0	0	0
4500	.90	.90	3200	2800	2600	2300	2100	2000	1900	1800	1400	1100	900	700
	.50	.50	2800	2400	2300	1900	1700	1400	1300	1300	900	600	300	100
	.10	.10	2100	1800	1700	1200	1000	600	400	400	100	0	0	0
	.90	.90	3500	3500	3300	3100	2500	2300	2100	2100	1800	1400	1200	1100
	.50	.50	2800	2500	2300	2200	1900	1700	1400	1400	1100	800	600	300
4600	.10	.10	2100	1800	1700	1600	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	500	400	100	0	0	0
	.90	.90	3500	3200	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
4700	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2300	2100	2000	1900	1800	1400	1100	900	700
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	500	400	100	0	0	0
4800	.90	.90	3500	3200	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
4900	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3500	3200	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
5000	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
5100	.90	.90	3500	3200	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
5200	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3500	3200	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
5300	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
5400	.90	.90	3500	3200	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.10	.10	2100	1800	1700	1200	1100	700	600	500	200	0	0	0
	.90	.90	3200	2900	2600	2400	2200	2100	1900	1800	1500	1200	1000	800
	.50	.50	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
4600	.90	3200	2900	2600	2400	2200	2100	2000	1900	1600	1200	1000	900
	.50	2800	2500	2300	2000	1700	1500	1300	1300	1000	700	400	200
	.10	2100	1800	1700	1300	1100	700	500	400	200	0	0	0
	.90	3300	3200	2800	2600	2300	2100	2100	2000	1700	1300	1100	1000
	.50	2800	2500	2300	2200	1900	1500	1400	1300	1000	800	500	300
	.10	2100	1800	1700	1600	1100	700	600	500	200	0	0	0
	.90	3500	3500	3300	3200	2900	2400	2200	2100	1800	1500	1300	1200
	.50	2800	2500	2300	2300	1900	1700	1600	1400	1100	900	700	400
	.10	2100	1800	1700	1700	1200	900	700	600	200	0	0	0
4700	.90	3200	2900	2600	2600	2300	2100	2000	1900	1600	1300	1000	900
	.50	2800	2500	2300	2200	1700	1500	1400	1300	1000	700	400	200
	.10	2100	1800	1700	1600	1100	700	600	500	200	0	0	0
	.90	3300	3300	2900	2600	2400	2200	2100	2100	1700	1400	1200	1000
	.50	2800	2500	2300	2300	1800	1600	1400	1300	1100	800	600	300
	.10	2100	1800	1700	1700	1200	800	600	500	200	0	0	0
	.90	3700	3500	3300	3200	2800	2400	2300	2200	1900	1600	1400	1200
	.50	3200	2500	2300	2300	2000	1800	1600	1500	1200	900	700	500
	.10	2300	1800	1700	1700	1200	1000	700	600	300	0	0	0
4800	.90	3200	3000	2600	2600	2300	2100	2100	2000	1600	1300	1100	900
	.50	2800	2500	2300	2300	1800	1600	1400	1300	1000	800	500	200
	.10	2100	1800	1700	1700	1200	800	600	500	200	0	0	0
	.90	3400	3300	3000	2800	2400	2200	2100	2100	1700	1400	1200	1000
	.50	2800	2500	2300	2300	1900	1700	1500	1400	1100	800	600	300
	.10	2100	1800	1700	1700	1200	900	700	600	200	0	0	0
	.90	3700	3500	3300	3200	2900	2400	2300	2200	1900	1700	1400	1300
	.50	3200	2500	2400	2300	2000	1800	1700	1500	1200	900	800	500
	.10	2300	1800	1700	1700	1300	1100	700	700	300	0	0	0
4900	.90	3200	3200	2800	2600	2400	2200	2100	2000	1700	1300	1100	1000
	.50	2800	2500	2300	2300	1900	1600	1400	1300	1100	800	500	300
	.10	2100	1800	1700	1700	1200	900	700	500	200	0	0	0
	.90	3700	3300	3100	2900	2600	2300	2200	2100	1800	1400	1300	1100
	.50	3200	2500	2300	2300	2000	1700	1500	1400	1100	900	600	400
	.10	2300	1800	1700	1700	1200	1000	700	600	300	0	0	0
	.90	4400	3500	3400	3300	2900	2600	2400	2300	2000	1700	1400	1300
	.50	3200	2800	2500	2300	2100	1900	1700	1600	1200	900	800	600
	.10	2300	1800	1700	1700	1200	1000	700	600	300	0	0	0
	.90	4400	3500	3400	3300	2900	2600	2400	2300	2000	1700	1400	1300
	.50	3200	2800	2500	2300	2100	1900	1700	1600	1200	900	800	600
	.10	2300	1900	1800	1700	1300	1100	800	700	300	0	0	0
	.90	4400	3500	3400	3300	2900	2600	2400	2300	2000	1700	1400	1300
	.50	3200	2800	2500	2300	2100	1900	1700	1600	1200	900	800	600
	.10	2300	1900	1800	1700	1300	1100	800	700	300	0	0	0
	.90	4400	3500	3400	3300	2900	2600	2400	2300	2000	1700	1400	1300
	.50	3200	2800	2500	2300	2100	1900	1700	1600	1200	900	800	600
	.10	2300	1900	1800	1700	1300	1100	800	700	300	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3300	3200	2800	2600	2400	2200	2100	2100	1700	1400	1200	1000
	.50	2800	2500	2300	2300	1900	1700	1500	1400	1100	800	600	300
	.10	2100	1800	1700	1700	1200	1000	700	600	200	0	0	0
	.90	3700	3300	3200	2900	2600	2400	2200	2100	1800	1500	1300	1100
	.50	3200	2500	2400	2300	2000	1800	1500	1400	1200	900	700	500
	.10	2300	1800	1700	1700	1300	1100	700	700	300	0	0	0
	.90	4500	4500	3500	3300	3100	2600	2400	2400	2100	1800	1500	1400
	.50	3200	2900	2500	2400	2200	1900	1800	1600	1300	1000	800	600
	.10	2600	2100	1800	1700	1300	1100	900	700	300	0	0	0
5100	.90	3700	3200	2900	2600	2400	2300	2100	2100	1800	1400	1200	1000
	.50	3200	2500	2400	2300	2000	1700	1500	1400	1100	800	600	400
	.10	2300	1800	1700	1700	1300	1100	700	700	300	0	0	0
	.90	3700	3400	3200	3100	2600	2400	2300	2200	1900	1600	1300	1200
	.50	3200	2600	2500	2300	2000	1800	1600	1500	1200	900	700	500
	.10	2600	1900	1800	1700	1300	1100	800	700	300	0	0	0
	.90	4500	4500	4400	3500	3200	2700	2500	2400	2100	1800	1600	1400
	.50	3200	3200	2900	2500	2300	2000	1800	1700	1300	1100	900	700
	.10	2600	2600	1800	1700	1600	1200	1000	800	400	100	0	0
5200	.90	3700	3300	2900	2800	2600	2300	2200	2100	1800	1400	1300	1000
	.50	3200	2600	2500	2300	2000	1700	1600	1500	1200	900	700	400
	.10	2600	1900	1800	1700	1300	1100	800	700	300	0	0	0
	.90	3700	3500	3300	3100	2800	2400	2300	2200	1900	1600	1400	1200
	.50	3200	2800	2500	2300	2100	1900	1700	1600	1200	900	800	600
	.10	2600	2100	1800	1700	1300	1100	900	700	300	0	0	0
	.90	4500	4500	4500	3500	3200	2900	2600	2400	2100	1800	1600	1400
	.50	3200	3200	2900	2800	2300	2000	1900	1700	1400	1100	900	800
	.10	2600	2600	1800	1700	1700	1300	1100	900	400	100	0	0
5300	.90	3700	3300	3100	2900	2600	2400	2200	2100	1800	1500	1300	1100
	.50	3200	2800	2500	2300	2100	1800	1700	1500	1200	900	700	500
	.10	2600	2100	1800	1700	1300	1100	900	700	300	0	0	0
	.90	4500	4500	4500	3500	3200	2900	2600	2400	2100	1800	1600	1400
	.50	3200	3200	2900	2800	2300	2000	1900	1700	1400	1100	900	800
	.10	2600	2600	1800	1700	1700	1300	1100	900	400	100	0	0
	.90	3700	3300	3100	2900	2600	2400	2200	2100	1800	1500	1300	1100
	.50	3200	2800	2500	2300	2100	1800	1700	1500	1200	900	700	500
	.10	2600	2100	1800	1700	1300	1100	900	700	300	0	0	0
	.90	3700	3500	3300	3200	2900	2400	2400	2300	2000	1700	1400	1300
	.50	3200	3200	2500	2300	2200	1900	1700	1600	1300	1000	800	600
	.10	2600	2600	1800	1700	1600	1200	1000	800	400	100	0	0
	.90	4500	4500	4500	3600	3300	2900	2600	2500	2100	1900	1700	1500
	.50	3200	3200	2900	2900	2400	2100	2000	1800	1400	1100	900	800
	.10	2600	2600	1800	1700	1600	1200	1000	800	400	100	0	0
	.90	4500	4500	4500	3600	3300	2900	2600	2500	2100	1900	1700	1500
	.50	3200	3200	2900	2900	2400	2100	2000	1800	1400	1100	900	800
	.10	2600	2600	1800	1700	1600	1200	1000	800	400	100	0	0
	.90	4500	4500	4500	3600	3300	2900	2600	2500	2100	1900	1700	1500
	.50	3200	3200	2900	2900	2400	2100	2000	1800	1400	1100	900	800
	.10	2600	2600	1800	1700	1600	1200	1000	800	400	100	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3700	3500	3200	2900	2500	2400	2300	2200	1900	1600	1300	1200
	.50	3200	3200	2500	2300	2200	1900	1700	1600	1200	900	800	500
	.10	2600	2600	1800	1700	1600	1200	1000	800	400	100	0	0
	.90	3700	3500	3300	3200	2900	2600	2400	2300	2000	1700	1500	1300
	.50	3200	3200	2500	2500	2300	2000	1800	1700	1300	1000	800	700
	.10	2600	2600	1800	1700	1700	1300	1100	900	400	100	0	0
	.90	4600	4500	4500	4400	3300	3100	2700	2600	2200	1900	1700	1500
	.50	3400	3200	2900	2900	2500	2200	2000	1900	1400	1200	900	800
	.10	2800	2600	1900	1800	1700	1400	1200	1100	500	200	0	0
5500	.90	3700	3500	3200	3100	2500	2400	2400	2200	1900	1600	1400	1200
	.50	3200	3200	2500	2400	2300	2000	1800	1700	1300	1000	800	600
	.10	2600	2600	1800	1700	1700	1300	1100	900	400	100	0	0
	.90	3700	3500	3400	3200	2900	2600	2400	2400	2100	1800	1600	1400
	.50	3200	3200	2600	2500	2300	2000	1900	1700	1300	1100	900	700
	.10	2600	2600	1800	1800	1700	1300	1100	1000	500	100	0	0
	.90	4600	4600	4500	4400	3400	3100	2900	2600	2200	1900	1800	1600
	.50	3400	3200	3000	2900	2500	2300	2100	2000	1500	1200	1000	900
	.10	2800	2600	2100	1800	1700	1500	1300	1100	600	200	0	0
5600	.90	3700	3500	3300	3100	2900	2500	2400	2300	2000	1700	1400	1300
	.50	3200	3200	2500	2500	2300	2000	1800	1700	1300	1000	800	600
	.10	2600	2600	1800	1800	1700	1300	1100	1000	400	100	0	0
	.90	3700	3500	3500	3300	3100	2600	2500	2400	2100	1800	1600	1400
	.50	3400	3200	2700	2500	2300	2100	1900	1800	1400	1100	900	800
	.10	2800	2600	1900	1800	1700	1400	1200	1100	500	200	0	0
	.90	4600	4600	4500	4500	3400	3200	2900	2600	2300	2000	1800	1600
	.50	3400	3200	3000	2900	2600	2300	2100	2000	1500	1200	1000	900
	.10	2800	2600	2200	1800	1700	1600	1300	1200	600	200	0	0
5700	.90	3700	3500	3300	3200	2900	2600	2400	2400	2100	1700	1500	1300
	.50	3200	3200	2600	2500	2300	2100	1900	1700	1300	1100	900	700
	.10	2600	2600	1900	1800	1700	1300	1200	1100	500	100	0	0
	.90	4600	4600	4500	4500	3400	3200	2900	2600	2300	2000	1800	1600
	.50	3400	3200	3000	2900	2600	2300	2100	2000	1500	1200	1000	900
	.10	2800	2600	2200	1800	1700	1600	1300	1200	600	200	0	0
	.90	3700	3500	3300	3200	2900	2600	2400	2400	2100	1700	1500	1300
	.50	3400	3200	2800	2600	2300	2200	2000	1900	1400	1200	900	800
	.10	2800	2600	2100	1800	1700	1500	1300	1100	600	200	0	0
	.90	5000	4600	4500	4500	3500	3200	3100	2800	2400	2000	1800	1700
	.50	3400	3200	3100	2900	2700	2300	2200	2000	1600	1300	1100	900
	.10	2800	2600	2300	1900	1800	1700	1400	1200	700	200	0	0
	.90	3400	3200	3100	2900	2700	2300	2200	2000	1600	1300	1100	900
	.50	2800	2600	2300	1900	1800	1700	1400	1200	700	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % DF MAX EFFECTIVE SPANNING WUA -- CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3700	3500	3400	3200	2900	2600	2500	2400	2100	1800	1600	1400
	.50	3400	3200	2800	2600	2300	2100	2000	1800	1400	1100	900	800
	.10	2800	2600	2100	1800	1700	1400	1300	1100	600	200	0	0
	.90	4400	3600	3500	3300	3200	2900	2600	2500	2100	1900	1700	1500
	.50	3400	3200	3000	2700	2500	2300	2100	1900	1400	1200	1000	800
	.10	2800	2600	2200	1800	1700	1600	1300	1200	600	200	0	0
	.90	5000	5000	4600	4500	3500	3300	3200	2900	2400	2100	1900	1700
	.50	3400	3400	3200	3000	2800	2400	2300	2100	1600	1300	1100	900
	.10	2800	2600	2400	1900	1300	1700	1400	1300	700	200	100	0
5900	.90	3700	3500	3500	3300	3100	2700	2600	2400	2100	1800	1600	1400
	.50	3400	3200	2900	2600	2400	2200	2000	1900	1400	1100	900	800
	.10	2800	2600	2200	1800	1700	1600	1300	1200	600	200	0	0
	.90	4500	4500	3500	2900	3200	2900	2700	2600	2200	1900	1800	1600
	.50	3400	3200	3000	2800	2500	2300	2100	2000	1500	1200	1000	900
	.10	2800	2600	2300	1900	1800	1700	1400	1200	700	200	0	0
	.90	5100	5000	4900	4600	3700	3400	3300	3100	2400	2100	1900	1800
	.50	3500	3400	3400	3200	2900	2600	2300	2200	1700	1400	1100	1000
	.10	2800	2600	2400	2100	1800	1700	1600	1300	700	300	100	0
6000	.90	3700	3500	3500	3300	3100	2800	2600	2500	2100	1900	1700	1500
	.50	3400	3200	3000	2700	2500	2300	2100	2000	1400	1200	1000	800
	.10	2800	2600	2300	1900	1700	1700	1400	1200	700	200	0	0
	.90	4500	4500	4400	3500	3200	3100	2800	2600	2200	2000	1800	1600
	.50	3400	3200	3100	2900	2600	2300	2200	2000	1500	1200	1000	900
	.10	2800	2600	2400	1900	1800	1700	1400	1300	700	200	100	0
	.90	5100	5100	5000	4700	4500	3500	3300	3200	2500	2100	1900	1800
	.50	3500	3500	3400	3200	3000	2700	2500	2300	1700	1400	1200	1000
	.10	2800	2600	2400	2200	1800	1700	1400	1300	800	300	100	0
	.90	3800	3600	3500	3300	3200	2900	2600	2600	2100	1900	1700	1500
	.50	3400	3200	3000	2700	2500	2300	2100	2000	1500	1200	1000	800
	.10	2800	2600	2400	1900	1800	1700	1400	1300	700	200	0	0
6100	.90	3700	3500	3500	3300	3100	2800	2600	2500	2100	1900	1700	1500
	.50	3400	3200	3100	2900	2600	2300	2200	2000	1500	1200	1000	900
	.10	2800	2600	2400	1900	1800	1700	1400	1300	700	200	100	0
	.90	4500	4500	4400	3500	3200	3100	2800	2600	2200	2000	1800	1600
	.50	3400	3200	3100	2900	2600	2300	2200	2000	1500	1200	1000	900
	.10	2800	2600	2400	1900	1800	1700	1400	1300	700	200	100	0
	.90	5100	5100	5000	4700	4500	3500	3300	3200	2500	2100	1900	1800
	.50	3500	3500	3400	3200	3000	2700	2500	2300	1700	1400	1200	1000
	.10	2800	2600	2400	2200	1800	1700	1400	1400	800	300	100	0
	.90	3800	3600	3500	3300	3200	2900	2600	2600	2100	1900	1700	1500
	.50	3400	3200	3000	2700	2500	2300	2100	2000	1500	1200	1000	800
	.10	2800	2600	2400	1900	1800	1700	1400	1300	700	200	0	0
	.90	4500	4500	4500	3600	3300	3100	2900	2700	2300	2000	1800	1700
	.50	3500	3200	3100	2900	2700	2400	2300	2100	1600	1300	1100	900
	.10	2800	2600	2400	2100	1800	1700	1600	1300	700	300	100	0
	.90	5100	5100	5000	4700	4600	3600	3400	3300	2500	2100	1900	1800
	.50	4000	3500	3400	3200	3000	2800	2600	2300	1800	1400	1200	1000
	.10	3300	2600	2600	2200	1900	1700	1700	1400	800	400	100	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	3900	3600	3500	3300	3200	2900	2700	2600	2200	1900	1700	1600
	.50	3500	3200	3100	2700	2600	2300	2200	2000	1500	1200	1000	900
	.10	2800	2600	2400	2000	1800	1700	1500	1300	700	300	100	0
	.90	4500	4500	4500	3800	3300	3200	3000	2800	2400	2000	1900	1700
	.50	3500	3200	3200	2900	2700	2500	2300	2200	1600	1300	1100	900
	.10	2800	2600	2400	2200	1800	1700	1600	1400	800	300	100	0
	.90	5100	5100	5100	4900	4600	3600	3400	3300	2500	2200	2000	1900
	.50	4000	3500	3500	3400	3000	2900	2600	2400	1800	1400	1200	1100
	.10	3300	2600	2600	2200	1900	1800	1700	1600	800	400	200	0
6300	.90	3900	3600	3500	3400	3200	3000	2800	2600	2200	1900	1800	1600
	.50	3500	3200	3200	2800	2600	2300	2300	2100	1600	1300	1100	900
	.10	2800	2600	2400	2100	1800	1700	1600	1400	800	300	100	0
	.90	4600	4500	4500	4400	3400	3200	3000	2900	2400	2100	1900	1700
	.50	4000	3200	3200	2900	2800	2500	2300	2200	1600	1300	1200	1000
	.10	3300	2600	2600	2200	1900	1700	1700	1400	800	400	100	0
	.90	5100	5100	5100	5000	4600	3600	3400	3300	2600	2200	2000	1900
	.50	4400	3500	3500	3400	3100	2900	2600	2500	1900	1500	1300	1100
	.10	3500	2600	2600	2300	1900	1800	1700	1600	900	400	200	0
6400	.90	4400	3700	3500	3500	3200	3100	2900	2700	2300	2000	1800	1700
	.50	4000	3200	3200	2900	2600	2400	2300	2100	1600	1300	1100	900
	.10	3300	2600	2600	2200	1800	1700	1700	1400	800	400	100	0
	.90	4600	4600	4500	4400	3500	3200	3100	2900	2400	2100	1900	1800
	.50	4000	3200	3200	3000	2800	2600	2400	2300	1700	1400	1200	1000
	.10	3300	2600	2600	2200	1900	1800	1700	1600	800	400	100	0
	.90	5100	5100	5100	5000	4600	3600	3400	3300	2600	2300	2000	1900
	.50	4400	3500	3500	3400	3100	2900	2700	2600	1900	1500	1300	1100
	.10	3500	2600	2600	2300	1900	1800	1700	1700	1000	500	200	0
6500	.90	4500	4500	3600	3500	3300	3100	2900	2700	2400	2000	1900	1700
	.50	4000	3200	3200	3000	2700	2500	2300	2200	1600	1300	1200	1000
	.10	3300	2600	2600	2200	1900	1800	1700	1500	800	400	100	0
	.90	4900	4600	4500	4500	3500	3300	3200	3000	2500	2100	1900	1800
	.50	4400	3200	3200	3000	2800	2600	2500	2300	1700	1400	1200	1000
	.10	3500	2600	2600	2300	1900	1800	1700	1600	900	400	200	0
	.90	5200	5100	5100	5000	4500	3700	3400	3300	2700	2300	2000	1900
	.50	4400	3500	3500	3400	3100	2900	2700	2600	1900	1500	1300	1200
	.10	3500	2600	2600	2400	1900	1900	1800	1700	1000	600	200	100

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4500	4500	4400	3500	3300	3200	3000	2900	2400	2100	1900	1700
	.50	4000	3200	3200	3000	2700	2600	2400	2300	1700	1400	1200	1000
	.10	3300	2600	2600	2300	1900	1800	1700	1600	900	400	100	0
	.90	5000	4600	4500	4500	3500	3300	3200	3100	2500	2100	1900	1800
	.50	4000	3300	3200	3100	2900	2700	2600	2300	1800	1400	1200	1100
	.10	3300	2600	2600	2300	1900	1800	1700	1700	1000	500	200	0
	.90	5200	5100	5100	5000	4600	3700	3400	3300	2700	2300	2100	1900
	.50	4400	3600	3500	3500	3100	2900	2700	2600	2000	1600	1300	1200
	.10	3500	2800	2600	2400	2000	1900	1800	1700	1100	600	300	100
6700	.90	4900	4500	4500	3700	3400	3200	3100	2900	2400	2100	1900	1800
	.50	4400	3200	3200	3000	2800	2600	2500	2300	1700	1400	1200	1000
	.10	3500	2600	2600	2300	1700	1800	1700	1700	1000	500	200	0
	.90	5000	5000	4600	4500	3500	3400	3300	3200	2500	2200	2000	1900
	.50	4400	3400	3200	3200	2900	2700	2600	2400	1800	1500	1300	1100
	.10	3500	2600	2600	2400	1900	1900	1800	1700	1000	500	200	0
	.90	5200	5200	5100	5100	4600	3700	3400	3300	2800	2300	2100	1900
	.50	4400	3600	3500	3500	3200	2900	2800	2600	2000	1600	1300	1200
	.10	3500	2800	2600	2400	2000	1900	1800	1800	1100	700	300	100
6800	.90	4500	4500	4500	4300	3500	3200	3100	3000	2500	2100	1900	1800
	.50	4000	3300	3200	3100	2900	2700	2600	2300	1800	1400	1200	1100
	.10	3300	2600	2600	2400	1900	1900	1800	1700	1000	500	200	0
	.90	5100	5000	4900	4600	4000	3500	3300	3200	2600	2200	2000	1900
	.50	4400	3500	3400	3200	3000	2800	2700	2600	1900	1500	1300	1200
	.10	3500	2800	2600	2400	2000	1900	1800	1700	1100	600	300	100
	.90	5200	5200	5100	5100	4600	3800	3500	3300	2900	2400	2100	2000
	.50	4400	3600	3500	3500	3200	2900	2800	2700	2100	1600	1400	1200
	.10	3500	2800	2600	2400	2100	1900	1900	1800	1200	700	300	100
6900	.90	4900	4500	4500	4400	3500	3300	3200	3100	2500	2100	1900	1800
	.50	4400	3500	3200	3100	2900	2700	2600	2400	1800	1400	1300	1100
	.10	3500	2800	2600	2400	2000	1900	1800	1700	1100	600	200	0
	.90	5100	5100	5000	4700	4500	3500	3400	3300	2700	2300	2000	1900
	.50	4400	3500	3400	3200	3000	2900	2700	2600	2000	1600	1300	1200
	.10	3500	2800	2600	2400	2000	1900	1800	1800	1100	700	300	100
	.90	5800	5800	5800	5100	4600	4100	3600	3400	2900	2400	2100	2000
	.50	4400	4200	4200	3500	3300	3000	2800	2700	2200	1600	1400	1200
	.10	3500	2800	2600	2600	2200	1900	1900	1800	1200	700	300	100

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOOK:  
 SPANNING MONTH -- SEPTEMBER  
 INCUBATION MONTH -- DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
7000	.90		4900	4600	4500	4400	3500	3300	3200	3100	2500	2200	2000	1900
	.50		4400	3500	3200	3200	2900	2700	2600	2500	1900	1500	1300	1100
	.10		3500	2800	2600	2400	2000	1900	1800	1700	1100	600	300	100
	.90	.50	5100	5100	5000	4700	4600	3600	3400	3300	2800	2300	2100	1900
	.50		4400	3500	3500	3400	3100	2900	2800	2700	2000	1600	1400	1200
	.10		3500	2800	2600	2400	2100	1900	1900	1800	1200	700	300	100
	.90	.10	5900	5900	5800	5800	5100	4500	3900	3500	3000	2500	2200	2000
	.50		4400	4300	4200	4200	3500	3100	2900	2800	2300	1700	1400	1300
	.10		3500	2900	2600	2600	2200	2000	1900	1800	1300	700	400	200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	800	800	700	700	500	500	400	400	200	0	0	0
	.50	600	600	400	300	200	100	100	0	0	0	0	0
	.10	300	300	0	0	0	0	0	0	0	0	0	0
	.90	1100	1000	800	700	700	500	500	400	300	100	0	0
	.50	700	600	500	400	300	200	100	100	0	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1000	800	700	600	500	300	200	100	0
	.50	800	800	700	700	400	300	200	100	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
1500	.90	1000	800	800	700	600	500	400	400	200	0	0	0
	.50	600	600	500	400	300	200	100	100	0	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1100	1000	900	800	700	500	500	500	300	100	0	0
	.50	700	700	600	500	300	300	100	100	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1100	900	800	700	600	400	200	100	0
	.50	800	800	700	700	500	300	300	200	0	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
1600	.90	1100	1000	800	800	700	500	500	400	300	100	0	0
	.50	700	700	600	500	300	300	100	100	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1100	1100	1000	900	800	700	500	500	300	100	0	0
	.50	800	800	700	700	400	300	200	100	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
	.90	1800	1500	1400	1100	900	800	700	700	400	200	100	0
	.50	1000	800	800	700	600	400	300	200	0	0	0	0
	.10	600	500	500	400	300	0	0	0	0	0	0	0
	.90	1100	1000	900	800	700	600	500	500	300	100	0	0
	.50	800	800	700	700	400	300	200	100	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
1700	.90	1800	1500	1400	1100	900	800	700	700	400	200	100	0
	.50	1000	800	800	700	600	400	300	200	0	0	0	0
	.10	600	500	500	400	300	0	0	0	0	0	0	0
	.90	1100	1000	900	800	700	600	500	500	300	100	0	0
	.50	800	800	700	700	400	300	200	100	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
	.90	1100	1100	1100	1000	800	700	600	500	300	100	0	0
	.50	800	800	700	700	500	300	300	100	0	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
	.90	1800	1600	1400	1300	1000	900	800	700	500	300	100	0
	.50	1100	1000	800	800	700	500	300	300	100	0	0	0
	.10	700	600	500	500	400	100	100	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	.90	1100	1000	900	900	700	500	500	300	100	0	0
	.50	.50	800	700	700	500	300	200	100	0	0	0	0
	.10	.10	500	400	400	200	0	0	0	0	0	0	0
	.90	.90	1400	1100	1000	900	700	700	500	400	200	100	0
	.50	.50	1000	800	700	500	400	300	200	0	0	0	0
	.10	.10	600	500	400	300	0	0	0	0	0	0	0
	.90	.90	1900	1500	1400	1100	1000	800	800	500	300	200	100
	.50	.50	1100	1000	900	800	600	400	300	100	0	0	0
	.10	.10	700	700	600	500	200	0	0	0	0	0	0
1900	.90	.90	1100	1000	1000	800	700	600	500	300	100	100	0
	.50	.50	800	800	700	600	300	300	200	0	0	0	0
	.10	.10	500	500	400	300	0	0	0	0	0	0	0
	.90	.90	1500	1100	1100	1000	800	700	600	400	200	100	0
	.50	.50	1100	1000	800	700	400	300	300	0	0	0	0
	.10	.10	700	600	500	400	100	0	0	0	0	0	0
2000	.90	.90	1900	1500	1400	1200	1100	900	800	500	300	200	100
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	700	700	700	500	300	100	0	0	0	0	0
	.90	.90	1400	1100	1000	900	800	700	500	300	200	100	0
	.50	.50	1000	900	800	700	400	300	200	0	0	0	0
	.10	.10	600	500	500	300	0	0	0	0	0	0	0
	.90	.90	1500	1400	1200	1000	900	800	700	400	200	100	100
	.50	.50	1100	1000	1000	800	600	400	300	100	0	0	0
	.10	.10	700	700	600	500	200	0	0	0	0	0	0
2100	.90	.90	1900	1500	1500	1300	1100	1000	900	600	400	200	100
	.50	.50	1300	1200	1100	900	700	600	400	100	0	0	0
	.10	.10	900	700	700	600	400	200	0	0	0	0	0
	.90	.90	1500	1400	1200	1000	800	700	600	400	200	100	0
	.50	.50	1100	1000	1000	700	500	400	300	100	0	0	0
	.10	.10	700	700	700	400	200	0	0	0	0	0	0
	.90	.90	1500	1400	1200	1100	1000	800	800	500	300	100	100
	.50	.50	1100	1100	1000	800	700	400	300	100	0	0	0
	.10	.10	700	700	700	500	300	100	0	0	0	0	0
	.90	.90	2000	1900	1600	1400	1200	1100	1000	600	400	300	200
	.50	.50	1500	1200	1100	1000	800	600	500	100	0	0	0
	.10	.10	1100	800	700	600	400	300	100	0	0	0	0

PAGE 48

TABLE 1. GURGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
2200	.90	1500	1400	1200	1200	1100	900	800	700	400	200	100	0
	.50	1100	1000	1000	1000	800	600	400	300	100	0	0	0
	.10	700	700	700	600	500	300	0	0	0	0	0	0
	.90	1700	1600	1500	1400	1200	1000	900	800	500	300	200	100
	.50	1300	1200	1100	1000	900	700	500	400	100	0	0	0
	.10	900	800	700	700	600	400	200	0	0	0	0	0
	.90	2500	1900	1700	1500	1400	1200	1100	1000	700	500	300	200
	.50	1500	1300	1100	1100	1000	800	700	600	200	0	0	0
	.10	1100	900	800	700	600	500	300	200	0	0	0	0
2300	.90	1500	1500	1400	1200	1100	1000	800	800	500	200	100	100
	.50	1100	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	800	700	700	700	500	400	100	0	0	0	0	0
	.90	1900	1600	1500	1400	1200	1100	1000	900	500	300	200	100
	.50	1500	1200	1100	1000	1000	800	600	500	100	0	0	0
	.10	1100	800	700	700	600	400	300	100	0	0	0	0
2400	.90	2500	1900	1800	1600	1400	1300	1200	1100	800	500	300	200
	.50	1500	1500	1100	1100	1000	800	700	600	200	0	0	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0
	.90	1700	1600	1400	1400	1200	1000	900	800	500	300	100	100
	.50	1300	1200	1100	1000	900	700	600	400	100	0	0	0
	.10	900	800	700	700	500	400	300	0	0	0	0	0
	.90	1900	1700	1500	1500	1300	1100	1000	900	600	400	200	100
	.50	1500	1300	1100	1100	1000	800	700	500	200	0	0	0
	.10	1100	900	800	700	600	500	300	200	0	0	0	0
2500	.90	2500	1900	1800	1700	1500	1400	1200	1100	800	500	400	300
	.50	1500	1500	1300	1100	1000	900	800	700	300	100	0	0
	.10	1100	1100	900	800	700	600	400	300	0	0	0	0
	.90	1900	1600	1500	1400	1200	1100	900	900	500	300	200	100
	.50	1500	1200	1100	1000	1000	800	700	500	100	0	0	0
	.10	1100	800	700	700	600	500	300	100	0	0	0	0
	.90	1900	1900	1500	1500	1400	1200	1100	1000	600	400	300	200
	.50	1500	1500	1100	1100	1000	800	700	600	200	0	0	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0
	.90	2500	2000	1900	1800	1500	1400	1300	1200	900	500	400	300
	.50	1500	1500	1300	1100	1100	900	800	700	300	100	0	0
	.10	1100	1100	700	700	600	500	300	100	0	0	0	0
	.90	1900	1900	1500	1500	1400	1200	1100	1000	600	400	300	200
	.50	1500	1500	1100	1100	1000	800	700	600	200	0	0	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0
	.90	2500	2000	1900	1800	1500	1400	1300	1200	900	500	400	300
	.50	1500	1500	1300	1100	1100	900	800	700	300	100	0	0
	.10	1100	1100	700	800	700	600	500	400	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK;  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
2600	.90	1900	1700	1500	1500	1200	1100	1000	900	500	300	200	100
	.50	1500	1400	1100	1100	1000	800	700	600	200	0	0	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0
	.90	1900	1900	1600	1500	1400	1200	1100	1000	700	500	300	200
	.50	1500	1500	1300	1100	1000	900	800	700	200	0	0	0
	.10	1100	1100	900	800	700	600	400	300	0	0	0	0
	.90	2500	2300	1900	1800	1600	1400	1400	1300	900	600	500	300
	.50	1600	1500	1400	1200	1100	1000	800	800	400	100	0	0
	.10	1200	1100	1100	800	700	600	500	400	0	0	0	0
2700	.90	1900	1900	1600	1500	1300	1100	1000	1000	600	400	200	100
	.50	1500	1500	1200	1100	1000	800	700	600	200	0	0	0
	.10	1100	1100	800	800	700	500	400	300	0	0	0	0
	.90	1900	1900	1700	1600	1400	1300	1200	1100	800	500	300	200
	.50	1500	1500	1300	1100	1100	900	800	700	300	100	0	0
	.10	1100	1100	1000	800	700	600	500	400	0	0	0	0
2800	.90	2500	2400	1900	1900	1500	1500	1400	1300	1000	600	500	400
	.50	1600	1500	1400	1300	1100	1000	900	800	500	100	0	0
	.10	1300	1100	1100	900	700	700	500	400	0	0	0	0
	.90	1900	1900	1600	1500	1400	1200	1100	1000	700	400	300	200
	.50	1500	1500	1300	1100	1000	900	800	700	200	0	0	0
	.10	1100	1100	900	800	700	600	500	300	0	0	0	0
2900	.90	2100	1900	1700	1600	1500	1300	1200	1100	800	500	400	300
	.50	1600	1500	1400	1200	1100	1000	800	700	300	100	0	0
	.10	1200	1100	1100	800	700	600	500	400	0	0	0	0
	.90	3500	2500	1900	1900	1800	1500	1400	1400	1000	700	500	400
	.50	2100	1500	1400	1300	1100	1100	1000	800	600	200	0	0
	.10	1300	1100	1100	900	800	700	600	500	0	0	0	0
2900	.90	1900	1900	1600	1500	1400	1300	1100	1000	700	500	300	200
	.50	1500	1500	1400	1100	1100	900	800	700	300	100	0	0
	.10	1100	1100	1100	800	700	600	500	400	0	0	0	0
	.90	2100	1900	1800	1600	1500	1400	1300	1200	900	500	400	300
	.50	1600	1500	1400	1300	1100	1000	800	800	400	100	0	0
	.10	1300	1100	1100	900	700	700	500	400	0	0	0	0
2900	.90	3500	2500	1900	1900	1800	1500	1400	1200	900	500	400	300
	.50	2100	1500	1400	1300	1100	1000	800	800	400	100	0	0
	.10	1300	1100	1100	900	700	700	500	400	0	0	0	0
	.90	3500	2500	2100	1900	1800	1600	1500	1400	1100	800	600	500
	.50	2100	1500	1500	1400	1100	1100	1000	900	600	200	100	0
	.10	1400	1100	1100	800	700	600	500	400	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
3000	.90	2000	1900	1700	1600	1500	1300	1200	1100	800	500	300	200
	.50	1600	1500	1400	1300	1100	1000	800	800	300	100	0	0
	.10	1300	1100	1100	900	700	600	500	400	0	0	0	0
	.90	2100	1900	1800	1700	1500	1400	1300	1300	900	600	400	300
	.50	1600	1500	1400	1300	1100	1000	900	800	500	100	0	0
	.10	1300	1100	1100	900	800	700	600	500	0	0	0	0
	.90	3500	2500	2300	2000	1800	1600	1500	1500	1100	800	600	500
	.50	2100	1900	1500	1500	1300	1100	1100	1000	600	300	100	0
	.10	1700	1500	1100	1100	800	700	700	600	200	0	0	0
3100	.90	2000	1900	1700	1600	1500	1300	1200	1100	900	500	400	300
	.50	1600	1500	1400	1300	1100	1000	900	800	400	100	0	0
	.10	1300	1100	1100	900	800	700	600	500	0	0	0	0
	.90	2500	1900	1900	1800	1600	1500	1400	1300	1000	600	500	300
	.50	1700	1500	1400	1300	1100	1100	1000	800	500	200	0	0
	.10	1400	1100	1100	1000	800	700	600	500	100	0	0	0
	.90	3500	2600	2300	2200	1900	1700	1600	1500	1200	900	700	500
	.50	2100	2000	1600	1500	1300	1100	1100	1000	700	300	100	0
	.10	1700	1600	1200	1100	900	700	700	600	300	0	0	0
3200	.90	2100	1900	1800	1700	1500	1400	1300	1200	900	500	400	300
	.50	1700	1500	1400	1300	1100	1000	900	800	500	100	0	0
	.10	1400	1100	1100	900	800	700	600	500	0	0	0	0
	.90	2500	2100	1900	1900	1700	1500	1400	1400	1000	700	500	400
	.50	2000	1800	1500	1400	1200	1100	1000	900	600	200	100	0
	.10	1700	1500	1100	1100	800	700	600	500	200	0	0	0
	.90	3500	2600	2400	2300	1900	1800	1600	1600	1300	900	800	600
	.50	2100	2000	1800	1500	1400	1200	1100	1100	700	400	200	100
	.10	1700	1700	1400	1100	900	800	700	700	300	0	0	0
3300	.90	2400	2000	1900	1700	1600	1400	1300	1300	900	600	500	300
	.50	2000	1800	1500	1400	1100	1100	1000	800	500	200	0	0
	.10	1700	1500	1100	1100	800	700	600	500	100	0	0	0
	.90	2500	2300	2000	1900	1800	1600	1500	1400	1100	800	600	400
	.50	2000	1900	1600	1500	1300	1100	1100	1000	600	300	100	0
	.10	1700	1600	1200	1100	900	700	700	600	300	0	0	0
	.90	3500	2600	2400	2300	2000	1800	1700	1600	1400	1000	800	600
	.50	2100	2000	1800	1600	1400	1300	1100	1100	800	400	200	100
	.10	1700	1600	1200	1100	900	700	700	600	300	0	0	0
	.90	3500	2600	2400	2300	2000	1800	1700	1600	1400	1000	800	600
	.50	2100	2000	1800	1600	1400	1300	1100	1100	800	400	200	100
	.10	1700	1700	1500	1200	900	700	700	600	300	0	0	0
	.90	3500	2600	2400	2300	2000	1800	1700	1600	1400	1000	800	600
	.50	2100	2000	1800	1600	1400	1300	1100	1100	800	400	200	100
	.10	1700	1700	1500	1200	900	700	700	600	300	0	0	0

PAGE 51

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2400	2300	1900	1900	1600	1500	1400	1300	1000	700	500	300
	.50	2000	1900	1600	1400	1200	1100	1000	900	600	200	100	0
	.10	1700	1600	1200	1100	800	700	700	600	200	0	0	0
	.90	2500	2400	2100	2000	1800	1600	1500	1500	1100	800	600	500
	.50	2000	2000	1700	1500	1300	1100	1100	1000	700	300	100	0
	.10	1700	1700	1400	1100	900	800	700	600	300	0	0	0
	.90	3500	2600	2400	2300	2000	1900	1800	1700	1400	1000	900	700
	.50	2100	2000	1800	1600	1500	1300	1200	1100	800	600	300	100
	.10	1800	1700	1500	1200	1100	900	800	700	400	0	0	0
3500	.90	2400	2400	2000	1900	1700	1500	1500	1400	1000	700	500	400
	.50	2000	2000	1700	1500	1300	1100	1100	1000	600	300	100	0
	.10	1700	1700	1400	1100	900	700	700	600	300	0	0	0
	.90	2500	2400	2300	2000	1900	1700	1600	1500	1200	900	700	500
	.50	2100	2000	1800	1600	1400	1200	1100	1100	700	400	200	100
	.10	1800	1700	1500	1200	900	800	700	700	400	0	0	0
3600	.90	3500	2900	2500	2300	2100	1900	1800	1800	1400	1100	900	800
	.50	2500	2100	1800	1700	1500	1400	1300	1200	900	600	300	100
	.10	2200	1700	1500	1400	1100	900	800	700	500	100	0	0
	.90	2400	2400	2000	1900	1800	1600	1500	1400	1100	800	600	500
	.50	2100	2000	1800	1500	1300	1100	1100	1000	700	300	100	0
	.10	1800	1700	1500	1100	900	800	700	700	300	0	0	0
	.90	2500	2400	2300	2100	1900	1800	1600	1600	1300	1000	700	600
	.50	2100	2000	1800	1600	1400	1300	1100	1100	800	500	200	100
	.10	1800	1700	1500	1200	1100	800	800	700	400	0	0	0
3700	.90	3500	3500	2500	2400	2200	2000	1900	1800	1500	1100	1000	800
	.50	2500	2100	1900	1800	1600	1400	1300	1200	1000	600	400	200
	.10	2200	1700	1500	1400	1100	900	900	800	500	200	0	0
	.90	2500	2400	2000	2000	1800	1600	1500	1500	1100	900	600	500
	.50	2100	2000	1800	1600	1400	1200	1100	1100	700	400	100	0
	.10	1800	1700	1500	1200	1100	800	700	700	400	0	0	0
	.90	3500	2500	2300	2200	2000	1800	1700	1600	1400	1000	800	600
	.50	2500	2000	1800	1700	1500	1300	1200	1100	800	600	200	100
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0
	.90	3500	3500	2600	2400	2300	2000	2000	1900	1500	1200	1000	900
	.50	2500	2300	2000	1800	1700	1500	1400	1300	1000	700	400	200
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0
	.90	3500	3500	2600	2400	2300	2000	2000	1900	1500	1200	1000	900
	.50	2500	2300	2000	1800	1600	1400	1300	1300	1000	700	400	200
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0
	.90	3500	3500	2600	2400	2300	2000	2000	1900	1500	1200	1000	900
	.50	2500	2300	2000	1800	1600	1400	1300	1300	1000	700	400	200
	.10	2200	1800	1600	1500	1200	1000	900	800	600	300	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2900	2400	2200	2000	1900	1700	1600	1500	1200	900	700	500
	.50	2500	2000	1800	1600	1400	1300	1100	1100	800	400	200	100
	.10	2200	1700	1500	1300	1100	800	800	700	400	0	0	0
	.90	3500	2900	2400	2300	2000	1900	1800	1700	1400	1000	900	700
	.50	2500	2100	1900	1800	1500	1400	1300	1200	900	600	300	100
	.10	2200	1700	1500	1400	1100	900	800	800	500	100	0	0
	.90	3500	3500	2600	2500	2300	2200	2000	1900	1600	1300	1000	900
	.50	2600	2500	2000	1900	1800	1500	1400	1400	1100	700	500	300
	.10	2300	2200	1600	1500	1200	1100	900	900	600	300	0	0
3900	.90	2900	2400	2300	2200	2000	1800	1700	1600	1300	1000	700	600
	.50	2500	2000	1800	1800	1500	1300	1200	1100	800	500	200	100
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0
	.90	3500	2900	2400	2300	2200	2000	1900	1800	1400	1100	900	800
	.50	2500	2100	1900	1800	1500	1400	1300	1300	1000	700	400	200
	.10	2200	1800	1600	1500	1200	1000	900	800	600	200	0	0
4000	.90	3700	3500	2900	2500	2300	2200	2000	2000	1600	1400	1100	1000
	.50	2600	2500	2100	2000	1800	1600	1500	1400	1100	800	600	300
	.10	2300	2200	1700	1500	1400	1100	1000	900	700	400	0	0
	.90	2900	2500	2300	2200	2000	1900	1700	1600	1400	1000	800	600
	.50	2500	2100	1900	1800	1600	1400	1300	1100	900	600	300	100
	.10	2200	1800	1600	1500	1200	900	800	800	500	100	0	0
	.90	3500	2900	2400	2300	2200	2000	1900	1800	1500	1100	1000	800
	.50	2600	2500	2000	1800	1600	1500	1400	1300	1000	700	400	200
	.10	2300	2200	1600	1500	1200	1100	900	900	600	300	0	0
4100	.90	3700	3500	2900	2600	2400	2300	2100	2000	1700	1400	1200	1000
	.50	2600	2500	2300	2000	1800	1600	1500	1500	1100	800	600	400
	.10	2300	2200	1800	1600	1400	1200	1100	1000	700	400	100	0
	.90	3000	2900	2400	2300	2000	1900	1800	1700	1400	1000	900	700
	.50	2600	2500	1900	1800	1600	1400	1300	1200	1000	600	300	200
	.10	2300	2200	1600	1500	1200	1000	900	800	600	200	0	0
	.90	3500	2900	2500	2400	2200	2000	2000	1900	1500	1200	1000	900
	.50	2600	2500	2000	1900	1800	1500	1400	1400	1100	700	500	300
	.10	2300	2200	1700	1500	1400	1100	1000	900	700	300	0	0
	.90	3800	3500	3400	2600	2500	2300	2200	2100	1800	1500	1200	1100
	.50	2900	2500	2400	2200	1800	1600	1500	1500	1200	800	700	400
	.10	2600	2200	2100	1700	1400	1100	1000	900	700	300	200	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOKI  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	3000	2900	2400	2300	2200	2000	1900	1800	1500	1100	900	800
	.50	2600	2500	2000	1800	1700	1500	1400	1300	1000	700	400	200
	.10	2300	2200	1700	1500	1300	1100	900	900	600	300	0	0
	.90	3500	3000	2600	2500	2300	2100	2000	1900	1600	1300	1000	900
	.50	2600	2500	2100	1900	1800	1600	1500	1400	1100	800	600	300
	.10	2300	2200	1800	1600	1400	1200	1100	1000	700	400	100	0
	.90	3800	3700	3500	3000	2500	1800	2300	2100	1800	1500	1300	1100
	.50	2900	2600	2400	2300	1900	1800	1600	1500	1200	900	700	500
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	500	300	0
4300	.90	3500	2900	2500	2400	2200	2000	1900	1800	1500	1200	1000	800
	.50	2600	2500	2100	1900	1800	1500	1400	1300	1100	700	500	200
	.10	2300	2200	1800	1600	1400	1100	1000	900	700	400	0	0
	.90	3500	3000	2600	2500	2300	2200	2000	2000	1600	1400	1100	1000
	.50	2900	2500	2400	2000	1800	1600	1500	1500	1100	800	600	400
	.10	2600	2200	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3800	3800	3500	3100	2600	2400	2300	2200	1900	1500	1400	1100
	.50	2900	2600	2400	2400	2000	1800	1600	1500	1300	1000	700	600
	.10	2600	2300	2100	1800	1500	1300	1200	1100	800	500	300	0
	.90	3500	2900	2600	2500	2300	2100	2000	1900	1500	1200	1000	900
	.50	2900	2500	2400	2000	1800	1600	1500	1400	1100	800	600	300
	.10	2600	2200	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3000	2500	2500	2400	2300	2100	2000	1700	1400	1100	1000
	.50	2900	2600	2400	2100	1800	1600	1500	1500	1100	800	700	400
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	500	200	0
	.90	3800	3800	3500	3300	2600	2400	2300	2300	1900	1600	1400	1200
	.50	2900	2600	2500	2400	2100	1800	1600	1600	1300	1000	700	600
	.10	2600	2300	2100	2000	1600	1400	1200	1100	800	600	300	0
	.90	3500	3000	2600	2500	2300	2200	2000	1900	1600	1300	1000	900
	.50	2900	2600	2400	2000	1800	1600	1500	1400	1100	800	600	300
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3000	2600	2500	2300	2200	2000	1900	1600	1300	1000	900
	.50	2900	2600	2400	2000	1800	1600	1500	1400	1100	800	600	300
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3500	2600	2600	2400	2300	2200	2000	1800	1400	1200	1000
	.50	2900	2600	2400	2100	1800	1700	1600	1500	1200	900	700	400
	.10	2600	2300	2100	1800	1500	1200	1200	1100	800	500	300	0
	.90	3500	3500	2600	2600	2400	2300	2200	2000	1800	1400	1200	1000
	.50	2900	2600	2400	2100	1800	1700	1600	1500	1200	900	700	400
	.10	2600	2300	2100	1800	1500	1200	1200	1100	800	500	300	0
	.90	3500	3800	3500	3400	2600	2500	2300	2300	1900	1600	1400	1300
	.50	2900	2600	2500	2400	2200	2000	1800	1600	1300	1100	800	700
	.10	2600	2300	2100	2100	1700	1400	1200	1100	800	500	300	0
	.90	3500	3800	3500	3400	2600	2500	2300	2300	1900	1600	1400	1300
	.50	2900	2600	2500	2400	2200	2000	1800	1600	1300	1100	800	700
	.10	2600	2300	2100	2100	1700	1400	1200	1100	800	500	300	0
	.90	3500	3800	3500	3400	2600	2500	2300	2300	1900	1600	1400	1300
	.50	2900	2600	2500	2400	2200	2000	1800	1600	1300	1100	800	700
	.10	2600	2300	2100	2100	1700	1400	1200	1100	800	500	300	0
	.90	3500	3800	3500	3400	2600	2500	2300	2300	1900	1600	1400	1300
	.50	2900	2600	2500	2400	2200	2000	1800	1600	1300	1100	800	700
	.10	2600	2300	2100	2100	1700	1400	1200	1100	800	500	300	0

PAGE 54

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3500	3000	2600	2500	2400	2200	2000	2000	1600	1400	1100	900
	.50	2900	2600	2400	2100	1800	1600	1500	1500	1100	800	600	400
	.10	2600	2300	2100	1800	1500	1200	1100	1100	700	500	200	0
	.90	3500	3500	3000	2600	2500	2300	2200	2100	1800	1500	1200	1100
	.50	2900	2600	2400	2300	1900	1800	1600	1500	1300	1000	700	500
	.10	2600	2300	2100	2000	1500	1300	1200	1100	800	500	300	0
	.90	3800	3800	3500	3500	2900	2500	2400	2300	2000	1700	1500	1300
	.50	2900	2600	2500	2400	2300	1900	1800	1600	1400	1100	800	700
	.10	2600	2300	2100	2100	1700	1500	1200	1200	900	600	400	100
4700	.90	3500	3000	2600	2600	2400	2300	2100	2000	1700	1400	1100	1000
	.50	2900	2600	2400	2300	1900	1700	1600	1500	1200	900	700	400
	.10	2600	2300	2100	2000	1500	1300	1200	1100	800	500	200	0
	.90	3500	3500	3000	2600	2500	2300	2200	2200	1800	1500	1300	1100
	.50	2900	2600	2400	2400	2000	1800	1600	1600	1300	1000	700	600
	.10	2600	2300	2100	2100	1500	1400	1200	1100	800	600	300	0
	.90	3800	3800	3500	3500	3000	2500	2400	2300	2000	1700	1500	1400
	.50	3400	2600	2500	2400	2300	2000	1800	1700	1400	1100	900	700
	.10	3000	2300	2100	2100	1700	1500	1300	1200	900	700	400	200
4800	.90	3500	3100	2600	2600	2500	2300	2200	2000	1800	1400	1200	1000
	.50	2900	2600	2400	2400	2000	1800	1600	1500	1200	900	700	500
	.10	2600	2300	2100	2100	1600	1400	1200	1100	800	500	300	0
	.90	3700	3500	3100	3000	2500	2400	2300	2200	1900	1500	1400	1100
	.50	2900	2600	2500	2400	2100	1800	1600	1600	1300	1100	800	600
	.10	2600	2300	2100	2100	1700	1400	1200	1200	800	600	400	100
	.90	3800	3800	3500	3500	3000	2600	2500	2400	2000	1800	1600	1400
	.50	3400	2600	2500	2400	2300	2100	1800	1800	1500	1200	1000	700
	.10	3000	2300	2200	2100	1800	1500	1400	1200	900	700	500	300
4900	.90	3500	3300	2900	2600	2500	2300	2200	2100	1800	1500	1200	1100
	.50	2900	2600	2400	2400	2000	1800	1600	1600	1300	1000	700	600
	.10	2600	2300	2100	2100	1700	1400	1200	1100	800	600	300	0
	.90	3800	3800	3500	3000	2600	2400	2300	2300	1900	1600	1400	1200
	.50	3400	2600	2500	2400	2200	1800	1600	1600	1300	1000	700	700
	.10	3000	2300	2200	2100	1800	1500	1400	1200	900	700	500	300
	.90	4700	3800	3600	3500	3100	2600	2500	2400	2100	1800	1500	1100
	.50	3400	2900	2600	2500	2400	2100	1900	1800	1500	1200	1000	800
	.10	3000	2400	2300	2100	1800	1500	1400	1200	900	700	500	300

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3500	3500	3000	2600	2500	2300	2300	2200	1800	1500	1300	1100
	.50	2900	2600	2400	2400	2100	1800	1600	1600	1300	1000	700	600
	.10	2600	2300	2100	2100	1700	1500	1200	1200	900	600	400	100
	.90	3800	3500	3400	3100	2600	2500	2400	2300	2000	1600	1500	1200
	.50	3400	2600	2500	2400	2300	1900	1800	1600	1400	1100	800	700
	.10	3000	2300	2200	2100	1800	1500	1300	1200	900	700	400	200
	.90	4800	4800	3800	3500	3300	2600	2600	2500	2200	1900	1700	1500
	.50	3400	3400	2600	2500	2400	2200	2000	1800	1500	1300	1100	800
	.10	3000	2600	2300	2100	1800	1700	1500	1300	1000	700	600	400
	.90	3800	3500	3000	2600	2500	2400	2200	2200	1900	1500	1400	1100
5100	.90	3400	2600	2500	2400	2100	1800	1700	1600	1400	1100	800	600
	.50	3000	2300	2200	2100	1800	1500	1300	1200	900	600	400	100
	.90	3800	3700	3500	3300	2600	2500	2400	2300	2000	1700	1500	1300
	.50	3400	2700	2600	2400	2300	2000	1800	1700	1400	1100	900	700
	.10	3000	2400	2300	2100	1800	1500	1400	1200	1000	700	500	300
	.90	4800	4800	4700	3700	3500	2900	2600	2500	2200	1900	1700	1600
	.50	3400	3400	3300	2600	2400	2300	2100	1900	1500	1300	1100	900
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1100	800	600	400
	.90	3800	3500	3100	3000	2600	2500	2300	2300	1900	1600	1400	1200
	.50	3400	2700	2600	2400	2200	1900	1800	1600	1400	1100	800	700
5200	.90	3000	2400	2300	2100	1800	1500	1400	1200	900	700	400	200
	.50	2600	2400	2300	2100	1800	1500	1300	1200	900	700	400	200
	.90	3800	3500	3100	3000	2600	2500	2300	2300	1900	1600	1400	1200
	.50	3400	2700	2600	2400	2200	1900	1800	1600	1400	1100	800	700
	.10	3000	2400	2300	2100	1800	1500	1400	1200	900	700	400	200
	.90	3800	3800	3500	3300	2900	2500	2300	2300	2000	1800	1500	1400
	.50	3400	2900	2600	2500	2400	2100	1800	1800	1500	1200	1000	700
	.10	3000	2600	2300	2100	1800	1600	1500	1300	1000	700	500	300
	.90	4800	4800	4800	3800	3500	3000	2600	2600	2300	2000	1800	1600
	.50	3400	3400	3400	3300	3300	2500	2300	2300	2000	1600	1200	1000
5300	.90	3000	3000	2300	2300	2100	1800	1600	1500	1100	800	600	500
	.50	2600	2600	2300	2300	2100	1800	1600	1500	1100	800	600	500
	.90	3800	3500	3300	3000	2600	2500	2400	2300	2000	1600	1200	1000
	.50	3400	2900	2600	2400	2300	2000	1800	1700	1400	1100	800	700
	.10	3000	2600	2300	2100	1800	1600	1400	1300	1000	700	500	300
	.90	4800	3800	3500	3400	3000	2600	2600	2400	2100	1800	1600	1400
	.50	3400	3300	2600	2500	2400	2100	1900	1800	1500	1200	1000	800
	.10	3000	2600	2300	2100	1800	1600	1400	1300	1000	700	500	300
	.90	3800	3800	3500	3400	3000	2600	2600	2400	2100	1800	1600	1400
	.50	3400	3300	2600	2500	2400	2100	1900	1800	1500	1200	1100	800
5400	.90	3000	3000	2300	2100	1800	1500	1400	1200	900	700	500	400
	.50	2600	2600	2300	2100	1800	1600	1400	1300	1000	700	500	300
	.90	3800	3000	2600	2500	2400	2100	1900	1800	1500	1200	1100	800
	.50	3400	2900	2600	2400	2300	2000	1800	1700	1400	1100	800	700
	.10	3000	2600	2300	2100	1800	1600	1400	1300	1000	700	500	300
	.90	4800	3800	3500	3400	3000	2600	2600	2400	2100	1800	1600	1400
	.50	3400	3300	2600	2500	2400	2100	1900	1800	1500	1200	1100	800
	.10	3000	2600	2300	2100	1800	1600	1400	1300	1000	700	500	300
	.90	3800	3000	2600	2500	2400	2100	1900	1800	1500	1200	1100	800
	.50	3400	3400	2600	2500	2400	2100	1900	1800	1500	1200	1100	800

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	3500	3400	3100	2600	2500	2400	2300	2000	1700	1500	1300
	.50	3400	3300	2600	2500	2400	2100	1800	1800	1500	1200	1000	700
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1000	700	500	300
	.90	3800	3800	3500	3500	3000	2600	2500	2500	2100	1900	1600	1500
	.50	3400	3300	2600	2600	2400	2100	2000	1800	1500	1300	1100	800
	.10	3000	3000	2300	2300	2100	1800	1500	1400	1100	800	600	400
	.90	4900	4800	4800	4700	3500	3200	2900	2600	2300	2000	1900	1700
	.50	3500	3400	3400	3300	2600	2400	2300	2100	1600	1400	1200	1100
	.10	3200	3000	2500	2300	2100	1800	1700	1600	1200	900	700	500
5500	.90	3800	3500	3500	3300	2700	2500	2500	2400	2000	1800	1500	1400
	.50	3400	3300	2600	2500	2400	2100	1900	1800	1500	1200	1000	800
	.10	3000	3000	2300	2200	2100	1800	1500	1400	1000	700	500	400
	.90	3800	3800	3500	3500	3100	2600	2600	2500	2200	1900	1700	1500
	.50	3400	3300	2800	2600	2400	2300	2100	1900	1600	1300	1100	900
	.10	3000	3000	2400	2300	2100	1800	1600	1500	1100	800	600	400
	.90	4900	4900	4800	4700	3600	3300	3000	2600	2400	2100	1900	1700
	.50	3500	3500	3400	3300	2600	2400	2300	2200	1700	1500	1300	1100
	.10	3200	3000	2600	2400	2100	2000	1800	1700	1200	900	700	600
	.90	3800	3500	3500	3300	3000	2600	2500	2400	2100	1800	1600	1400
	.50	3400	3300	2600	2600	2400	2200	2000	1800	1500	1300	1100	800
	.10	3000	3000	2300	2300	2100	1800	1600	1500	1100	800	600	400
	.90	3800	3800	3500	3500	3200	2800	2600	2500	2200	2000	1700	1600
	.50	3500	3300	2900	2600	2400	2300	2100	2000	1600	1400	1200	1000
	.10	3200	3000	2500	2300	2100	1800	1700	1500	1100	900	700	500
	.90	4900	4900	4800	4800	3600	3400	3100	2800	2400	2100	1900	1800
	.50	3500	3500	3400	3400	2800	2400	2400	2300	1800	1500	1300	1200
	.10	3200	3000	2800	2500	2300	2100	1800	1700	1200	900	800	600
5700	.90	3800	3700	3500	3300	3000	2600	2500	2500	2100	1900	1600	1500
	.50	3500	3300	2800	2600	2400	2300	2100	1900	1500	1300	1100	800
	.10	3200	3000	2400	2300	2100	1800	1700	1500	1100	800	600	400
	.90	3800	3800	3500	3500	3300	3000	2600	2600	2300	2000	1800	1600
	.50	3500	3300	2900	2800	2500	2400	2200	2100	1600	1400	1200	1100
	.10	3200	3000	2600	2400	2100	1800	1700	1500	1100	800	600	400
	.90	3800	3800	3500	3500	3300	3000	2600	2600	2300	2000	1800	1600
	.50	3500	3300	2900	2800	2500	2400	2200	2100	1600	1400	1200	1100
	.10	3200	3000	2600	2400	2100	2000	1800	1600	1200	900	700	500
	.90	5300	4900	4800	4800	3500	3500	3200	3000	2500	2100	2000	1800
	.50	3900	3500	3400	3400	2900	2500	2400	2300	1800	1500	1300	1200
	.10	3200	3000	2800	2500	2300	2100	1900	1800	1300	1000	800	600

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3800	3800	3500	3500	3100	2600	2600	2500	2200	1900	1700	1500
	.50	3500	3300	2900	2800	2500	2300	2200	2000	1600	1300	1100	900
	.10	3200	3000	2600	2400	2100	1900	1800	1600	1200	900	600	500
	.90	4700	3800	3700	3500	3300	3000	2600	2600	2300	2000	1800	1700
	.50	3500	3300	3100	2900	2600	2400	2300	2100	1700	1400	1300	1100
	.10	3200	3000	2800	2500	2300	2100	1800	1700	1200	900	700	500
	.90	5300	5300	4900	4800	3800	3500	3300	3100	2500	2200	2000	1900
	.50	3900	3900	3500	3400	2900	2500	2400	2400	1800	1500	1400	1200
	.10	3200	3000	2900	2500	2300	2100	2000	1800	1300	1000	800	600
5900	.90	3800	3800	3500	3500	3200	2800	2600	2600	2200	2000	1700	1600
	.50	3500	3300	3000	2800	2500	2400	2200	2100	1600	1400	1200	1000
	.10	3200	3000	2700	2400	2200	2000	1800	1700	1200	900	700	500
	.90	4800	4800	3900	3500	3400	3100	2800	2600	2400	2100	1900	1700
	.50	3500	3400	3300	2900	2600	2400	2300	2200	1700	1500	1300	1100
	.10	3200	3000	2800	2500	2300	2100	1900	1700	1200	900	700	600
6000	.90	5400	5300	5200	4900	3900	3600	3500	3300	2600	2200	2000	1900
	.50	4000	3900	3800	3500	3300	2700	2500	2400	1900	1600	1400	1300
	.10	3300	3000	2900	2600	2400	2100	2100	1800	1300	1100	900	700
	.90	3800	3800	3500	3500	3300	3000	2600	2600	2300	2000	1800	1600
	.50	3500	3300	3100	2900	2600	2400	2300	2100	1600	1400	1200	1100
	.10	3200	3000	2800	2500	2300	2100	1900	1700	1200	900	700	500
	.90	4800	4800	4700	3800	3500	3200	3000	2700	2400	2100	1900	1700
	.50	3500	3400	3300	3300	2800	2400	2400	2300	1800	1500	1300	1200
	.10	3200	3000	2900	2500	2300	2100	1900	1800	1300	1000	800	600
	.90	5400	5400	5300	5000	4800	3800	3600	3400	2600	2200	2100	2000
	.50	4000	4000	3900	3600	3400	2900	2600	2500	2000	1600	1400	1300
	.10	3300	3000	3000	2700	2400	2200	2100	1900	1400	1100	900	700
6100	.90	3900	3800	3500	3500	3300	3000	2700	2600	2300	2000	1800	1600
	.50	3500	3300	3100	2900	2600	2400	2300	2200	1700	1400	1300	1100
	.10	3200	3000	2800	2500	2300	2100	1900	1800	1200	900	700	600
	.90	4800	4800	4800	3800	3500	3300	3100	2800	2500	2100	2000	1800
	.50	3600	3400	3400	3300	2900	2500	2400	2300	1800	1500	1300	1200
	.10	3300	3000	2900	2600	2400	2100	2000	1800	1300	1000	800	600
	.90	5400	5400	5300	5000	4900	3800	3600	3500	2600	2300	2100	2000
	.50	4100	4000	3900	3600	3500	3000	2700	2500	2100	1600	1400	1300
	.10	3800	3000	3000	2700	2400	2300	2100	2000	1500	1100	900	700

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning MUA - CHINDOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6200	.90	4000	3800	3600	3500	3300	3100	2800	2600	2300	2000	1900	1700	
		3600	3300	3300	2900	2700	2400	2400	2400	2300	1700	1500	1300	1100
		3300	3000	2900	2500	2400	2100	2000	2000	1800	1300	1000	800	600
		4800	4800	4800	3900	3500	3300	3100	3100	2900	2500	2100	2000	1900
		3600	3400	3400	3300	2900	2600	2600	2400	2400	1800	1500	1400	1200
		3300	3000	3000	2700	2400	2100	2100	2100	1900	1300	1100	800	700
		5400	5400	5400	5200	4900	3800	3600	3600	3500	2600	2300	2100	2000
		4100	4000	4000	3800	3500	3100	2800	2800	2600	2100	1700	1500	1300
		3800	3000	3000	2800	2500	2300	2100	2100	2100	1500	1200	1000	800
		4000	3800	3700	3500	3300	3100	2900	2900	2700	2400	2100	1900	1700
6300	.90	3600	3300	3300	2900	2700	2500	2400	2300	1800	1500	1300	1200	
		3300	3000	3000	2600	2400	2100	2100	2100	1900	1300	1000	800	600
		4900	4800	4800	4700	3500	3300	3200	3200	3000	2500	2200	2000	1900
		4100	3400	3400	3300	2900	2700	2700	2500	2400	1900	1500	1400	1300
		3800	3000	3000	2700	2400	2200	2200	2100	1900	1400	1100	900	700
		5400	5400	5400	5300	4900	3900	3600	3600	3500	2700	2400	2100	2000
		4600	4000	4000	3900	3500	3300	3300	2900	2700	2200	1700	1500	1400
		4200	3000	3000	2800	2500	2400	2400	2200	2100	1500	1200	1000	800
		4700	3800	3700	3500	3400	3400	3200	3000	2800	2400	2100	2000	1800
		4100	3300	3300	3000	2800	2800	2500	2400	2300	1800	1500	1400	1200
6400	.90	3800	3000	3000	2700	2400	2200	2100	1900	1400	1100	900	700	
		5400	5400	5400	5300	4900	3900	3600	3600	3500	2700	2400	2100	2000
		4600	4000	4000	3900	3500	3300	3300	2900	2700	2200	1700	1500	1400
		4200	3000	3000	2800	2500	2400	2400	2200	2100	1500	1200	1000	800
		4700	3800	3700	3500	3400	3400	3200	3000	2800	2400	2100	2000	1800
		4100	3300	3300	3000	2800	2800	2500	2400	2300	1800	1500	1400	1200
		3800	3000	3000	2700	2400	2400	2200	2100	1900	1300	1100	800	600
		4900	4900	4800	4700	3600	3600	3400	3300	3100	2600	2200	2000	1900
		4100	3500	3400	3400	3400	3000	2700	2500	2400	1900	1600	1400	1300
		3800	3000	3000	2800	2500	2500	2300	2100	2000	1400	1100	900	700
6500	.90	5400	5400	5400	5300	4900	3900	3600	3500	2700	2400	2100	2000	
		4100	4000	4000	3900	3500	3300	3300	2900	2700	2200	1700	1500	1400
		3800	3000	3000	2800	2500	2400	2400	2300	2100	1600	1200	1000	800
		4800	4800	3800	3600	3500	3300	3100	2900	2900	2500	2100	2000	1800
		4100	3400	3300	3300	2900	2600	2600	2400	2400	1800	1500	1400	1300
		3800	3000	3000	2800	2500	2300	2300	2100	2000	1400	1100	900	700
		5000	4900	4800	4800	3600	3600	3300	3300	3100	2600	2200	2100	1900
		4600	3500	3400	3400	3400	3000	2700	2600	2400	1900	1600	1400	1300
		4200	3000	3000	2800	2500	2500	2400	2100	2100	1400	1100	900	800
		5500	5400	5400	5300	4900	3900	3600	3600	3500	2700	2400	2100	2000
6600	.90	4600	4000	4000	3900	3500	3300	3300	2900	2400	2100	1900	1700	
		4200	3000	3000	2800	2500	2400	2400	2300	2100	1600	1400	1300	
		5500	5400	5400	5300	4900	3900	3600	3600	3500	2700	2400	2100	2000
		4600	4000	4000	3900	3500	3300	3300	2900	2700	2200	1700	1500	1400
		4200	3000	3000	2800	2500	2400	2400	2300	2100	1600	1200	1000	800
		5500	5400	5400	5300	4900	3900	3600	3600	3500	2700	2400	2100	2000
		4600	4000	4000	3900	3500	3300	3300	2900	2700	2200	1700	1500	1400
		4200	3000	3000	2800	2500	2400	2400	2300	2100	1600	1200	1000	800
		5500	5400	5400	5300	4900	3900	3600	3600	3500	2700	2400	2100	2000
		4600	4000	4000	3900	3500	3300	3300	2900	2700	2200	1700	1500	1400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning MUA -- CHINOOK:  
 SPawning MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4800	4800	4700	3800	3500	3300	3100	3000	2500	2200	2000	1900
	.50	4100	3400	3400	3300	2900	2700	2500	2400	1900	1600	1400	1300
	.10	3800	3000	3000	2800	2500	2400	2100	2100	1400	1100	900	700
	.90	5300	4900	4800	4800	3700	3500	3300	3200	2600	2300	2100	2000
	.50	4100	3600	3400	3400	3100	2800	2700	2500	2100	1600	1500	1300
	.10	3800	3000	3000	2800	2500	2400	2200	2100	1500	1200	1000	800
	.90	5500	5400	5400	5300	4900	3900	3600	3500	2800	2500	2200	2100
	.50	4600	4100	4000	3900	3500	3300	3000	2800	2300	1800	1500	1400
	.10	4200	3300	3000	3000	2600	2500	2400	2200	1700	1200	1100	900
6700	.90	5000	4800	4800	3800	3500	3300	3200	3100	2600	2200	2000	1900
	.50	4600	3400	3400	3300	3000	2700	2600	2400	1900	1600	1400	1300
	.10	4200	3000	3000	2800	2500	2400	2200	2100	1500	1100	900	700
	.90	5300	5300	4900	4800	3800	3600	3400	3300	2600	2300	2100	2000
	.50	4600	3900	3500	3400	3300	2900	2700	2500	2100	1700	1500	1400
	.10	4200	3100	3000	2900	2600	2400	2300	2100	1500	1200	1000	800
	.90	5500	5500	5400	5400	4900	3900	3600	3500	2900	2500	2200	2100
	.50	4600	4100	4000	4000	3500	3300	3000	2800	2300	1800	1500	1400
	.10	4200	3300	3000	3000	2600	2500	2400	2300	1700	1300	1100	900
6800	.90	4800	4800	4800	4400	3500	3400	3300	3100	2600	2200	2100	1900
	.50	4100	3500	3400	3400	3000	2800	2700	2500	2000	1600	1400	1300
	.10	3800	3100	3000	2900	2500	2400	2300	2100	1500	1200	1000	800
	.90	5400	5300	5200	4900	4200	3700	3500	3400	2600	2400	2100	2000
	.50	4600	4000	3900	3500	3300	3000	2800	2700	2200	1700	1500	1400
	.10	4200	3300	3000	3000	2600	2500	2400	2200	1600	1200	1000	900
	.90	5500	5500	5400	5400	4900	3900	3600	3500	3000	2500	2200	2100
	.50	4600	4100	4000	4000	3500	3300	3000	2900	2400	1800	1600	1500
	.10	4200	3300	3000	3000	2600	2500	2400	2300	1800	1300	1100	1000
6900	.90	5000	4800	4800	4700	3600	3400	3300	3200	2600	2300	2100	2000
	.50	4600	3600	3400	3400	3100	2900	2700	2500	2100	1700	1500	1400
	.10	4200	3300	3000	2900	2600	2400	2300	2100	1500	1200	1000	800
	.90	5400	5400	5300	5000	4800	3800	3600	3500	2700	2400	2200	2100
	.50	4600	4000	3900	3600	3400	3100	2900	2700	2300	1800	1500	1400
	.10	4200	3300	3000	3000	2600	2500	2400	2300	1700	1200	1100	900
	.90	5500	5400	5300	5000	4800	3800	3600	3500	2700	2400	2200	2100
	.50	4600	4000	3900	3600	3400	3100	2900	2700	2300	1800	1500	1400
	.10	4200	3300	3000	3000	2600	2500	2400	2300	1700	1200	1100	900
	.90	6100	6100	6100	5400	4900	4300	3800	3600	3100	2600	2300	2100
	.50	4700	4700	4700	4000	3500	3400	3100	3000	2400	1800	1600	1500
	.10	4200	3300	3000	3000	2800	2600	2500	2400	1800	1300	1100	1000

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5000	4900	4800	4700	3600	3500	3200	2600	2300	2100	2000
			4600	3600	3400	3400	3100	2900	2600	2100	1700	1500	1400
			4200	3300	3000	3000	2600	2500	2200	1600	1200	1000	900
	.50		5400	5400	5300	5000	4900	3900	3500	2900	2500	2200	2100
			4600	4000	3900	3700	3500	3300	2800	2300	1800	1600	1400
			4200	3300	3000	3000	2600	2500	2300	1800	1300	1100	900
	.10		6200	6200	6100	6100	5400	4800	3700	3200	2600	2300	2200
			4800	4800	4700	4700	4000	3500	3000	2500	1900	1700	1500
	.10		4200	3400	3100	3000	3000	2600	2500	1900	1400	1200	1000

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	800	800	700	700	500	400	400	300	200	0	0	0
	.50	600	600	400	400	300	200	100	100	0	0	0	0
	.10	300	300	0	0	0	0	0	0	0	0	0	0
	.90	1100	1000	800	700	700	500	500	400	200	100	0	0
	.50	800	700	500	500	400	300	200	100	0	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1000	800	700	600	500	300	100	100	0
	.50	800	800	700	700	500	400	300	200	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
1500	.90	1000	800	800	700	500	500	400	400	200	0	0	0
	.50	700	600	500	500	300	200	200	100	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1100	900	700	700	500	400	200	100	0
	.50	800	800	800	700	500	400	300	200	100	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
1600	.90	1100	1000	800	800	700	500	500	400	200	100	0	0
	.50	800	700	600	500	400	300	200	200	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1100	1100	1000	900	800	700	500	500	300	100	0	0
	.50	800	800	700	700	500	400	200	200	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
1700	.90	1800	1500	1300	1100	900	800	700	600	400	200	100	0
	.50	1100	800	800	800	600	500	300	300	100	0	0	0
	.10	600	500	500	400	300	0	0	0	0	0	0	0
	.90	1100	1000	900	800	700	500	500	500	300	100	0	0
	.50	800	800	700	600	500	300	200	200	0	0	0	0
	.10	500	500	400	300	0	0	0	0	0	0	0	0
	.90	1100	1100	1100	1000	800	700	500	500	300	100	0	0
	.50	800	800	800	700	500	400	300	200	0	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
	.90	1800	1600	1400	1300	1000	900	800	700	400	200	100	0
	.50	1200	1100	900	800	700	500	400	300	100	0	0	0
	.10	700	600	500	500	400	100	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOOK: SPANNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1100	1100	1000	900	800	700	500	500	300	100	0	0
	.50	800	800	800	700	500	400	300	200	0	0	0	0
	.10	500	500	400	400	200	0	0	0	0	0	0	0
	.90	1400	1100	1100	1000	900	700	700	500	300	200	100	0
	.50	1100	800	800	800	600	500	300	200	100	0	0	0
	.10	600	500	500	400	300	0	0	0	0	0	0	0
	.90	1900	1800	1500	1400	1100	1000	300	800	500	300	100	100
	.50	1200	1100	1000	900	800	600	500	400	100	0	0	0
	.10	700	700	700	600	500	200	0	0	0	0	0	0
1900	.90	1100	1100	1000	1000	800	700	500	500	300	100	0	0
	.50	800	800	800	800	600	400	300	200	100	0	0	0
	.10	500	500	500	400	300	0	0	0	0	0	0	0
	.90	1500	1400	1100	1100	1000	800	700	600	400	200	100	0
	.50	1200	1100	900	800	700	500	400	300	100	0	0	0
	.10	700	600	500	500	400	100	0	0	0	0	0	0
2000	.90	1900	1800	1500	1400	1200	1000	900	800	500	300	200	100
	.50	1200	1200	1100	1000	800	700	500	500	200	0	0	0
	.10	700	700	700	700	500	300	100	0	0	0	0	0
	.90	1400	1100	1100	1000	900	800	700	500	300	100	0	0
	.50	1100	900	800	800	700	500	400	300	100	0	0	0
	.10	600	600	500	500	300	0	0	0	0	0	0	0
	.90	1500	1500	1400	1200	1000	900	800	700	400	200	100	0
	.50	1200	1100	1000	900	800	600	500	400	100	0	0	0
	.10	700	700	700	700	500	200	0	0	0	0	0	0
2100	.90	1900	1900	1500	1500	1200	1100	1000	900	500	300	200	100
	.50	1400	1300	1100	1100	900	800	600	500	200	0	0	0
	.10	900	800	700	700	600	400	200	0	0	0	0	0
	.90	1500	1400	1200	1100	1000	800	700	600	400	200	100	0
	.50	1200	1100	1000	900	800	500	400	300	100	0	0	0
	.10	700	700	700	600	400	200	0	0	0	0	0	0
	.90	1500	1500	1400	1200	1100	900	800	700	400	200	100	0
	.50	1200	1200	1100	1000	800	700	500	400	100	0	0	0
	.10	700	700	700	700	500	300	100	0	0	0	0	0
	.90	2000	1900	1600	1500	1300	1200	1000	900	600	400	200	100
	.50	1600	1300	1200	1100	1000	800	700	600	200	0	0	0
	.10	1100	800	700	700	600	400	300	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINOOK;  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1500	1400	1200	1200	1100	900	800	700	400	200	100	0
	.50	1200	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	700	700	700	600	500	300	0	0	0	0	0	0
	.90	1700	1600	1500	1400	1200	1000	900	800	500	300	100	100
	.50	1400	1300	1100	1100	900	800	600	500	200	0	0	0
	.10	900	800	700	700	600	400	200	0	0	0	0	0
	.90	2500	1900	1700	1500	1400	1200	1100	1000	700	400	300	200
	.50	1600	1400	1200	1100	1000	800	700	700	300	0	0	0
	.10	1100	900	800	700	600	500	300	200	0	0	0	0
2300	.90	1500	1500	1400	1200	1100	1000	800	700	400	200	100	0
	.50	1200	1200	1100	1000	900	700	500	400	200	0	0	0
	.10	800	700	700	700	500	400	100	0	0	0	0	0
	.90	1900	1600	1500	1400	1200	1100	1000	900	500	300	200	100
	.50	1600	1300	1200	1100	1000	800	700	500	200	0	0	0
	.10	1100	800	700	700	600	400	300	100	0	0	0	0
2400	.90	2500	1900	1800	1600	1400	1200	1200	1100	700	400	300	200
	.50	1600	1600	1200	1200	1000	900	800	700	300	100	0	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0
	.90	1700	1600	1400	1400	1200	1000	900	800	500	300	100	100
	.50	1400	1300	1100	1100	900	800	600	500	200	0	0	0
	.10	900	800	700	700	600	400	300	0	0	0	0	0
	.90	1900	1700	1500	1500	1200	1100	1000	900	500	300	200	100
	.50	1600	1400	1200	1200	1000	800	700	600	200	0	0	0
	.10	1100	900	800	700	600	500	300	200	0	0	0	0
2500	.90	2500	1900	1800	1700	1500	1300	1200	1100	800	500	300	200
	.50	1600	1600	1400	1200	1100	900	800	700	300	100	0	0
	.10	1100	1100	900	800	700	600	400	300	0	0	0	0
	.90	1900	1600	1500	1400	1200	1000	900	900	500	300	100	100
	.50	1600	1300	1200	1100	1000	800	700	600	200	0	0	0
	.10	1100	800	700	700	600	500	300	100	0	0	0	0
	.90	1900	1900	1500	1500	1300	1200	1000	1000	600	400	200	100
	.50	1600	1600	1200	1200	1000	800	800	700	300	0	0	0
	.10	1100	1100	800	700	700	500	300	100	0	0	0	0
	.90	2500	2000	1900	1700	1500	1400	1200	1200	800	500	400	300
	.50	1600	1600	1400	1200	1100	900	800	800	400	200	0	0
	.10	1100	1100	1000	800	700	600	500	400	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1900	1700	1500	1500	1200	1100	1000	900	500	300	200	100
	.50	1600	1400	1200	1200	1000	800	700	600	200	0	0	0
	.10	1100	1100	800	700	700	500	400	200	0	0	0	0
	.90	1900	1900	1600	1500	1400	1200	1100	1000	700	400	300	100
	.50	1600	1600	1400	1200	1100	900	800	700	300	100	0	0
	.10	1100	1100	900	800	700	600	400	300	0	0	0	0
	.90	2500	2300	1900	1800	1600	1400	1300	1200	900	500	400	300
	.50	1700	1600	1400	1300	1200	1000	900	800	500	200	0	0
	.10	1200	1100	1100	800	700	600	500	400	0	0	0	0
2700	.90	1900	1900	1600	1500	1300	1100	1000	900	600	300	200	100
	.50	1600	1600	1300	1200	1100	900	800	700	300	0	0	0
	.10	1100	1100	800	800	700	500	400	300	0	0	0	0
	.90	1900	1900	1700	1600	1400	1200	1200	1100	700	400	300	200
	.50	1600	1600	1400	1200	1100	900	800	700	300	100	0	0
	.10	1100	1100	1000	800	700	600	500	400	0	0	0	0
	.90	2500	2400	1900	1800	1600	1500	1300	1300	900	600	400	300
	.50	1700	1600	1400	1400	1200	1100	900	800	600	200	100	0
	.10	1300	1100	1100	900	700	700	500	400	0	0	0	0
2800	.90	1900	1900	1600	1500	1400	1200	1100	1000	700	400	200	100
	.50	1600	1600	1400	1200	1100	900	800	700	300	100	0	0
	.10	1100	1100	900	800	700	600	500	300	0	0	0	0
	.90	2000	1900	1700	1600	1500	1300	1200	1100	800	500	300	200
	.50	1700	1600	1400	1300	1100	1000	800	800	400	100	0	0
	.10	1200	1100	1100	800	700	600	500	400	0	0	0	0
	.90	3500	2500	1900	1900	1700	1500	1400	1300	1000	700	500	400
	.50	2400	1600	1500	1400	1200	1100	1000	900	600	300	100	0
	.10	1300	1100	1100	900	800	700	600	500	0	0	0	0
2900	.90	1900	1900	1600	1500	1400	1200	1100	1000	700	400	300	200
	.50	1600	1600	1400	1200	1100	900	800	800	300	100	0	0
	.10	1100	1100	1100	800	700	600	500	400	0	0	0	0
	.90	2000	1900	1800	1600	1500	1300	1200	1200	800	500	400	200
	.50	1700	1600	1400	1400	1200	1000	900	800	500	200	0	0
	.10	1300	1100	1100	900	700	700	500	400	0	0	0	0
	.90	3500	2500	2000	1900	1700	1600	1500	1400	1000	800	500	400
	.50	2400	1600	1600	1400	1200	1200	1100	900	700	300	100	0
	.10	1400	1100	1100	800	800	700	600	500	100	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
3000	.90	2000	1900	1700	1600	1500	1300	1200	1100	800	400	300	200
	.50	1700	1600	1400	1300	1100	1000	900	800	400	100	0	0
	.10	1300	1100	1100	900	700	600	500	400	0	0	0	0
	.90	2000	1900	1800	1700	1500	1400	1300	1200	900	500	400	300
	.50	1700	1600	1400	1400	1200	1100	900	800	600	200	0	0
	.10	1300	1100	1100	900	800	700	600	500	0	0	0	0
	.90	3500	2500	2200	1900	1800	1600	1500	1400	1100	800	600	500
	.50	2400	2000	1600	1600	1400	1200	1100	1000	700	300	200	0
	.10	1700	1500	1100	1100	800	700	700	600	200	0	0	0
3100	.90	2000	1900	1700	1600	1500	1300	1200	1100	800	500	300	200
	.50	1700	1600	1400	1400	1200	1000	900	800	500	200	0	0
	.10	1300	1100	1100	900	800	700	600	500	0	0	0	0
	.90	2500	1900	1900	1700	1600	1500	1300	1300	900	600	400	300
	.50	1700	1600	1400	1400	1200	1100	1000	900	600	200	100	0
	.10	1400	1100	1100	1000	800	700	600	500	100	0	0	0
	.90	3500	2600	2300	2100	1900	1700	1600	1500	1200	800	600	500
	.50	2400	2100	1700	1600	1400	1200	1200	1100	700	400	200	100
	.10	1700	1600	1200	1100	900	700	700	600	300	0	0	0
3200	.90	2000	1900	1800	1700	1500	1400	1200	1200	900	500	400	300
	.50	1700	1600	1400	1400	1200	1100	900	800	500	200	0	0
	.10	1400	1100	1100	900	800	700	600	500	0	0	0	0
	.90	2500	2000	1900	1800	1700	1500	1400	1300	1000	700	500	400
	.50	2100	1800	1600	1400	1300	1200	1100	900	700	300	100	0
	.10	1700	1500	1100	1100	800	700	600	500	200	0	0	0
	.90	3500	2600	2300	2200	1900	1700	1600	1500	1200	900	700	500
	.50	2400	2100	1800	1600	1400	1300	1200	1200	800	500	300	100
	.10	1700	1700	1400	1100	900	800	700	700	300	0	0	0
	.90	2300	2000	1900	1700	1600	1400	1300	1200	900	500	400	300
	.50	2100	1800	1600	1400	1200	1100	1000	900	600	200	100	0
	.10	1700	1500	1100	1100	800	700	600	500	100	0	0	0
	.90	2500	2300	2000	1900	1700	1600	1500	1400	1000	800	500	400
	.50	2100	2000	1700	1600	1400	1200	1100	1000	700	300	200	0
	.10	1700	1600	1200	1100	900	700	700	600	300	0	0	0
	.90	3500	2600	2400	2200	1900	1800	1700	1600	1300	900	800	600
	.50	2400	2100	1800	1700	1500	1400	1200	1200	800	600	300	200
	.10	1800	1700	1500	1200	900	800	700	700	400	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2300	2200	1900	1900	1600	1500	1400	1300	1000	600	400	300
	.50	2100	2000	1600	1400	1300	1200	1100	900	700	300	100	0
	.10	1700	1600	1200	1100	800	700	700	600	200	0	0	0
	.90	2500	2300	2000	1900	1800	1600	1500	1500	1100	800	500	400
	.50	2100	2100	1700	1600	1400	1200	1200	1100	700	400	200	100
	.10	1700	1700	1400	1100	900	800	700	600	300	0	0	0
	.90	3500	2600	2400	2200	2000	1800	1700	1700	1300	1000	800	700
	.50	2400	2100	1800	1700	1600	1400	1300	1200	900	600	300	200
	.10	1800	1700	1500	1200	1100	900	800	700	500	0	0	0
3500	.90	2300	2300	2000	1900	1700	1500	1400	1300	1000	700	500	400
	.50	2100	2100	1700	1600	1400	1200	1100	1000	700	300	200	0
	.10	1700	1700	1400	1100	900	700	700	600	300	0	0	0
	.90	2500	2300	2200	2000	1800	1700	1600	1500	1200	900	600	500
	.50	2100	2100	1800	1600	1400	1300	1200	1200	800	500	200	100
	.10	1800	1700	1500	1200	900	800	700	700	400	0	0	0
3600	.90	3500	2800	2500	2200	2100	1900	1800	1700	1400	1100	900	700
	.50	2600	2400	1900	1800	1600	1400	1400	1300	900	700	400	200
	.10	2200	1700	1500	1400	1100	900	800	700	500	100	0	0
	.90	2300	2300	2000	1900	1700	1600	1500	1400	1100	800	500	400
	.50	2100	2100	1800	1600	1400	1200	1200	1100	700	400	200	100
	.10	1800	1700	1500	1100	900	800	700	700	300	0	0	0
	.90	2500	2400	2200	2100	1900	1700	1600	1500	1200	900	700	500
	.50	2100	2100	1800	1700	1500	1400	1200	1200	800	500	300	100
	.10	1800	1700	1500	1200	1100	800	800	700	400	0	0	0
	.90	3500	3500	2500	2300	2100	2000	1800	1800	1500	1100	900	800
	.50	2600	2400	2000	1800	1600	1500	1400	1300	1000	700	400	300
	.10	2200	1700	1500	1400	1100	900	900	800	500	200	0	0
3700	.90	2500	2300	2000	2000	1800	1600	1500	1500	1100	800	600	400
	.50	2100	2100	1800	1700	1400	1300	1200	1100	800	400	200	100
	.10	1800	1700	1500	1200	1100	800	700	700	400	0	0	0
	.90	3500	2500	2500	2300	2100	2000	1800	1800	1500	1100	900	800
	.50	2600	2100	1800	1800	1500	1400	1300	1300	1000	700	400	300
	.10	2200	1700	1500	1400	1100	900	900	800	500	200	0	0
	.90	2500	2300	2000	2000	1800	1600	1500	1500	1100	800	600	400
	.50	2100	2100	1800	1700	1400	1300	1200	1100	800	400	200	100
	.10	1800	1700	1500	1200	1100	800	700	700	400	0	0	0
	.90	3500	2500	2300	2200	2000	1800	1700	1600	1300	1000	800	600
	.50	2600	2100	1800	1800	1500	1400	1300	1200	900	600	300	200
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0
	.90	3500	3500	2600	2400	2200	2000	1900	1800	1500	1200	1000	800
	.50	2600	2500	2100	1900	1700	1600	1400	1400	1100	800	500	300
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0
	.90	3500	3500	2600	2400	2200	2000	1900	1800	1500	1200	1000	800
	.50	2600	2500	2100	1900	1700	1600	1400	1400	1100	800	500	300
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0
	.90	3500	3500	2600	2400	2200	2000	1900	1800	1500	1200	1000	800
	.50	2600	2500	2100	1900	1700	1600	1400	1400	1100	800	500	300
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINGOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2800	2300	2100	2000	1900	1700	1600	1500	1200	900	600	500
	.50	2600	2100	1900	1700	1400	1400	1200	1200	800	500	300	100
	.10	2200	1700	1500	1300	1100	800	800	700	400	0	0	0
	.90	3500	2800	2300	2200	2000	1900	1800	1700	1300	1000	800	600
	.50	2600	2400	1900	1800	1600	1400	1400	1300	900	700	400	200
	.10	2200	1700	1500	1400	1100	900	800	800	500	100	0	0
	.90	3500	3500	2600	2400	2200	2100	2000	1900	1600	1300	1000	900
	.50	2700	2600	2100	1900	1800	1600	1500	1400	1200	800	600	400
	.10	2300	2200	1600	1500	1200	1100	900	900	600	300	0	0
3900	.90	2800	2400	2200	2100	1900	1700	1700	1600	1200	900	700	500
	.50	2600	2100	1900	1800	1500	1400	1300	1200	900	600	300	200
	.10	2200	1700	1500	1400	1100	900	800	700	500	0	0	0
	.90	3500	2800	2300	2200	2100	1900	1800	1700	1400	1100	900	700
	.50	2600	2400	2000	1900	1700	1500	1400	1400	1000	700	400	300
	.10	2200	1800	1600	1500	1200	1000	900	800	600	200	0	0
	.90	3700	3500	2800	2500	2300	2200	2000	1900	1600	1300	1100	900
	.50	2700	2600	2300	2100	1800	1700	1600	1500	1200	800	700	400
	.10	2300	2200	1700	1500	1400	1100	1000	900	700	400	0	0
	.90	2800	2500	2300	2200	2000	1800	1700	1600	1300	1000	800	600
	.50	2600	2200	1900	1800	1600	1400	1400	1200	900	700	400	200
	.10	2200	1800	1600	1500	1200	900	800	800	500	100	0	0
	.90	3500	2800	2400	2300	2100	2000	1900	1800	1500	1100	900	800
	.50	2700	2600	2100	1900	1700	1600	1400	1400	1100	800	500	300
	.10	2300	2200	1600	1500	1200	1100	900	900	600	300	0	0
	.90	3700	3500	2800	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	2700	2600	2400	2100	1900	1700	1600	1600	1200	900	700	500
	.10	2300	2200	1800	1600	1400	1200	1100	1000	700	400	100	0
	.90	2900	2800	2300	2200	2000	1900	1800	1700	1400	1000	800	600
	.50	2700	2600	2000	1900	1700	1500	1400	1300	1000	700	400	200
	.10	2300	2200	1600	1500	1200	1000	900	800	600	200	0	0
	.90	3500	2800	2500	2300	2200	2000	1900	1800	1500	1200	1000	800
	.50	2700	2600	2100	2000	1800	1600	1500	1400	1200	800	600	300
	.10	2300	2200	1700	1500	1400	1100	1000	900	700	300	0	0
	.90	3800	3500	2600	2600	2400	2200	2100	2000	1700	1400	1200	1000
	.50	3000	2700	2400	2400	1900	1700	1600	1600	1300	900	700	500
	.10	2600	2200	2100	1700	1500	1200	1100	1000	700	500	200	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED & OF MAX EFFECTIVE SPawning WUA -- CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4200	.90	2900	2800	2300	2300	2100	1900	1800	1700	1400	1100	900	700
	.50	2700	2600	1900	1600	1700	1600	1400	1400	1100	700	500	300
	.10	2300	2200	1500	1100	1300	1100	900	900	600	300	0	0
	.90	3500	2900	2400	2100	2200	2100	2000	1900	1600	1200	1000	900
	.50	2700	2600	2000	1700	1800	1700	1600	1500	1200	800	700	400
	.10	2300	2200	1800	1200	1400	1200	1100	1000	700	400	100	0
	.90	3800	3700	3500	2900	2500	2200	2200	2100	1800	1500	1200	1100
	.50	3000	2700	2500	2400	2000	1800	1700	1600	1300	900	800	600
	.10	2600	2300	2100	1700	1500	1200	1200	1100	700	500	300	0
	.90	3500	2800	2500	2300	2200	2000	2000	1900	1800	1500	1100	900
4300	.50	2700	2600	2200	2000	1800	1600	1500	1400	1100	800	600	300
	.10	2300	2200	1800	1600	1400	1100	1000	900	700	400	0	0
	.90	3500	2900	2600	2500	2200	2100	2000	1900	1600	1300	1100	900
	.50	3000	2600	2400	2100	1900	1700	1600	1600	1200	900	700	500
	.10	2600	2200	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3800	3800	3500	3000	2600	2300	2200	2100	1800	1500	1300	900
	.50	3000	2700	2600	2400	2100	1800	1700	1600	1400	1100	800	700
	.10	2600	2300	2100	1800	1500	1300	1200	1100	800	500	300	0
	.90	3500	2800	2600	2400	2200	2000	2000	1900	1500	1200	1000	800
	.50	3000	2600	2400	2100	1800	1700	1600	1500	1200	800	600	400
4400	.10	2600	2200	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3800	3800	3500	3000	2600	2300	2200	2100	1800	1500	1300	1100
	.50	3000	2700	2600	2400	2100	1800	1700	1600	1400	1100	800	700
	.10	2600	2300	2100	1800	1500	1300	1200	1100	800	500	300	0
	.90	3500	2800	2600	2400	2200	2000	1900	1900	1500	1200	1000	800
	.50	3000	2600	2400	2100	1800	1700	1600	1500	1200	800	600	400
	.10	2600	2200	2100	1700	1500	1200	1200	1000	700	400	100	0
	.90	3500	2900	2600	2500	2300	2000	2000	2000	1700	1300	1100	900
	.50	3000	2700	2400	2200	1900	1700	1500	1500	1200	900	700	500
	.10	2600	2300	2100	1700	1500	1200	1200	1000	700	500	200	0
4500	.90	3800	3800	3200	3200	2600	2400	2200	2200	1900	1500	1400	1200
	.50	3000	2700	2600	2500	2300	1900	1700	1700	1400	1100	800	700
	.10	2600	2300	2100	2000	1600	1400	1200	1100	800	600	300	0
	.90	3500	2900	2600	2500	2200	2100	2000	1900	1600	1200	1000	900
	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3500	2600	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	3000	2700	2600	2500	2300	1900	1700	1700	1300	900	800	500
	.10	2600	2300	2100	2000	1600	1400	1200	1100	800	600	300	0
	.90	3500	2900	2600	2500	2200	2100	2000	1900	1600	1200	1000	900
4500	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3500	2600	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3500	2600	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3500	2600	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
4500	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3500	2600	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3500	2600	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0
	.90	3500	3500	2600	2600	2300	2200	2100	2000	1700	1400	1100	1000
	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
	.10	2600	2300	2100	1700	1500	1200	1100	1000	700	400	100	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOK:  
 SPANNING MONTH - SEPTEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3500	2900	2600	2500	2300	2100	2000	1900	1600	1300	1100	900
	.50	3000	2700	2400	2200	1900	1700	1600	1600	1200	900	700	500
	.10	2600	2300	2100	1800	1500	1200	1100	1100	700	500	200	0
	.90	3500	3500	2900	2600	2400	2200	2200	2000	1800	1400	1200	1000
	.50	3000	2700	2400	2400	2000	1800	1700	1600	1400	1000	800	600
	.10	2600	2300	2100	2000	1500	1300	1200	1100	800	500	300	0
	.90	3800	3800	3500	3500	2800	2400	2300	2200	1900	1600	1400	1300
	.50	3000	2700	2700	2600	2400	2000	1800	1700	1500	1200	900	800
	.10	2600	2300	2100	2100	1700	1500	1200	1200	900	600	400	100
4700	.90	3500	2900	2600	2600	2300	2200	2000	2000	1700	1300	1100	900
	.50	3000	2700	2400	2400	1900	1800	1700	1600	1300	900	700	500
	.10	2600	2300	2100	2000	1500	1300	1200	1100	800	500	200	0
	.90	3500	3500	2900	2600	2400	2200	2200	2100	1800	1500	1200	1100
	.50	3000	2700	2500	2400	2100	1800	1700	1600	1400	1100	800	700
	.10	2600	2300	2100	2100	1600	1400	1200	1100	800	600	300	0
	.90	3800	3800	3500	3500	2900	2500	2400	2200	2000	1700	1500	1300
	.50	3000	2700	2700	2600	2400	2100	1900	1800	1500	1200	900	800
	.10	2600	2300	2100	2100	1700	1500	1300	1200	900	700	400	200
4800	.90	3500	3000	2600	2600	2400	2200	2100	2000	1700	1400	1100	1000
	.50	3000	2700	2400	2400	2100	1800	1700	1600	1300	900	800	600
	.10	2600	2300	2100	2100	1600	1400	1200	1100	800	500	300	0
	.90	3700	3500	3000	2900	2500	2300	2200	2200	1800	1500	1300	1100
	.50	3000	2700	2400	2400	2100	1800	1700	1600	1400	1100	800	700
	.10	2600	2300	2100	2100	1700	1500	1200	1100	800	600	400	100
	.90	3800	3800	3500	3500	2900	2600	2400	2300	2000	1700	1500	1400
	.50	3000	2700	2700	2600	2400	2200	1900	1800	1600	1300	1000	800
	.10	2600	2300	2100	2100	1700	1400	1200	1200	800	600	400	100
4900	.90	3800	3800	3500	3500	2900	2600	2400	2300	2000	1700	1500	1400
	.50	3000	2700	2700	2600	2400	2200	1900	1800	1600	1300	1000	800
	.10	2600	2300	2100	2100	1700	1500	1400	1200	900	700	500	300
	.90	3500	3200	2800	2600	2400	2200	2200	2000	1800	1400	1200	1000
	.50	3000	2700	2400	2400	2100	1800	1700	1600	1400	1100	800	600
	.10	2600	2300	2100	2100	1700	1400	1200	1100	800	600	300	0
	.90	3800	3500	3200	2900	2600	2400	2200	2200	1900	1500	1400	1200
	.50	3000	2700	2600	2400	2300	1900	1800	1700	1400	1200	900	700
	.10	2600	2300	2100	2100	1700	1500	1200	1200	900	600	400	100
	.90	4700	3800	3600	3500	3000	2600	2400	2400	2000	1800	1600	1400
	.50	3600	3000	2700	2600	2400	2200	2000	1800	1600	1300	1100	900
	.10	3000	2400	2300	2100	1800	1500	1400	1200	1000	700	500	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3500	3500	2900	2600	2400	2300	2200	2100	1800	1500	1200	1000
	.50	3000	2700	2500	2400	2100	1900	1700	1700	1400	1100	800	700
	.10	2600	2300	2100	2100	1700	1500	1200	1200	900	600	400	100
	.90	3800	3500	3400	3000	2600	2400	2300	2200	1900	1600	1400	1200
	.50	3500	2700	2600	2500	2400	2000	1800	1700	1500	1200	900	800
	.10	3000	2300	2200	2100	1900	1500	1300	1200	900	700	400	200
	.90	4800	4800	3800	3500	3200	2600	2500	2400	2100	1800	1600	1500
	.50	3700	3700	2700	2700	2500	2400	2100	1900	1600	1400	1200	900
	.10	3000	2600	2300	2100	1900	1700	1300	1300	1000	700	600	400
	.90	3800	3500	2900	2600	2500	2300	2200	2200	1800	1500	1300	1100
5100	.50	3500	2700	2600	2400	2200	1900	1900	1700	1400	1200	800	700
	.10	3000	2300	2200	2100	1800	1500	1300	1200	900	600	400	100
	.90	3800	3700	3500	3200	2600	2400	2300	2200	1900	1700	1500	1300
	.50	3500	2800	2700	2600	2400	2100	1900	1800	1500	1200	900	800
	.10	3000	2400	2300	2100	1900	1500	1400	1200	1000	700	500	300
	.90	4800	4800	4700	3700	3500	2800	2600	2400	2100	1900	1700	1500
	.50	3700	3700	3600	2700	2600	2400	2200	2000	2000	1600	1400	1200
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1400	1100	800	600
	.90	3800	3500	3000	2900	2600	2400	2400	2200	2200	1900	1500	1300
	.50	3500	2800	2700	2400	2300	2000	1800	1800	1700	1500	1200	900
5200	.90	3000	2400	2300	2100	1900	1500	1400	1200	900	700	400	200
	.50	3800	3800	3500	3200	2800	2500	2400	2300	2000	1700	1500	1300
	.10	3000	3000	2700	2600	2400	2200	1900	1800	1600	1300	1100	800
	.90	4800	4800	4800	3800	3500	2900	2600	2500	2200	1900	1700	1600
	.50	3700	3700	3700	3300	2600	2400	2200	2000	1700	1400	1200	1000
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1400	1100	800	400
	.90	3800	3500	3000	2900	2600	2400	2200	2200	1900	1500	1300	1100
	.50	3500	2600	2300	2100	2000	1700	1500	1500	1300	1000	700	500
	.10	3000	2600	2300	2100	2000	1700	1400	1400	1200	900	600	300
	.90	4800	4800	4800	3800	3500	2900	2600	2600	2500	2200	1900	1700
5300	.50	3700	3700	3700	3300	2600	2400	2300	2100	1700	1400	1300	1100
	.10	3000	3000	2300	2100	2000	1700	1600	1500	1100	800	600	500
	.90	3800	3500	3200	2900	2600	2400	2300	2200	1900	1600	1400	1200
	.50	3500	3000	2700	2500	2400	2100	1900	1800	1500	1200	900	800
	.10	3000	2600	2300	2100	2000	1600	1400	1300	1000	700	500	300
	.90	4800	4800	4800	3800	3500	2900	2600	2600	2500	2200	1900	1600
	.50	3700	3700	3700	3300	2600	2400	2300	2100	1700	1400	1300	1100
	.10	3000	3000	2300	2100	2000	1700	1600	1500	1500	1100	800	500
	.90	3800	3500	3200	2900	2600	2400	2300	2200	1900	1600	1400	1200
	.50	3500	3000	2700	2500	2400	2100	1900	1800	1500	1200	900	800
5400	.10	3000	2600	2300	2100	2000	1600	1400	1300	1000	700	500	300
	.90	3800	3800	3500	3400	2900	2600	2400	2300	2000	1800	1500	1400
	.50	3500	3300	2700	2600	2400	2200	2000	1900	1600	1300	1100	900
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1000	700	500	400
	.90	4800	4800	4800	3900	3500	3000	2600	2600	2200	2000	1800	1600
	.50	3700	3700	3700	3400	2700	2400	2200	2000	1700	1300	1100	900
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1000	700	500	400
	.90	4800	4800	4800	3900	3500	3000	2600	2600	2200	2000	1800	1600
	.50	3700	3700	3700	3400	2700	2400	2200	2000	1700	1300	1100	900
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1000	700	500	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	3500	3400	3000	2600	2400	2300	2200	2000	1700	1400	1300
	.50	3500	3300	2700	2600	2400	2200	1900	1800	1600	1300	1000	800
	.10	3000	3000	2300	2100	2000	1700	1500	1400	1000	700	500	300
	.90	3800	3800	3500	3500	2900	2600	2400	2400	2100	1800	1600	1400
	.50	3500	3300	2700	2700	2400	2300	2100	1900	1600	1400	1200	900
	.10	3000	3000	2300	2300	2100	1800	1500	1400	1100	800	600	400
	.90	4900	4800	4800	4700	3500	3200	2800	2600	2200	2000	1800	1700
	.50	3800	3700	3700	3600	2700	2500	2400	2300	1700	1500	1400	1200
	.10	3200	3000	2500	2300	2100	1900	1800	1600	1200	900	700	500
5500	.90	3800	3500	3500	3200	2700	2500	2400	2300	2000	1700	1500	1300
	.50	3500	3300	2700	2600	2400	2200	2000	1900	1600	1300	1100	800
	.10	3000	3000	2300	2200	2100	1800	1500	1400	1000	700	500	400
	.90	3800	3800	3500	3500	3000	2600	2500	2400	2100	1900	1600	1500
	.50	3500	3300	2900	2700	2500	2400	2200	2000	1600	1400	1200	1000
	.10	3000	3000	2400	2300	2100	1800	1600	1500	1100	800	600	400
	.90	4900	4900	4800	4700	3600	3200	2900	2600	2300	2000	1900	1700
	.50	3800	3800	3700	3600	2800	2600	2400	2400	1800	1600	1400	1200
	.10	3200	3000	2600	2400	2100	2000	1800	1700	1200	900	700	600
5600	.90	3800	3500	3500	3200	2900	2600	2400	2300	2000	1800	1500	1400
	.50	3500	3300	2700	2700	2400	2300	2100	1900	1600	1400	1100	900
	.10	3000	3000	2300	2300	2100	1800	1600	1500	1100	800	600	400
	.90	3800	3800	3500	3500	3200	2700	2600	2500	2100	1900	1700	1500
	.50	3500	3300	3000	2700	2500	2400	2300	2100	1700	1400	1300	1100
	.10	3200	3000	2500	2300	2100	1800	1700	1500	1100	900	700	500
	.90	4900	4900	4800	4800	3600	3400	3000	2700	2400	2000	1900	1700
	.50	3800	3800	3700	3700	2900	2600	2400	2400	1800	1600	1400	1300
	.10	3200	3000	2800	2500	2300	2100	1900	1800	1200	900	800	600
5700	.90	3800	3700	3500	3300	2900	2600	2500	2400	2100	1800	1600	1400
	.50	3500	3300	2900	2700	2500	2400	2200	2000	1600	1400	1200	900
	.10	3200	3000	2400	2300	2100	1800	1700	1500	1100	800	600	400
	.90	3800	3800	3500	3500	3200	2900	2600	2500	2200	1900	1700	1600
	.50	3500	3300	3000	2900	2600	2400	2300	2200	1700	1500	1300	1100
	.10	3200	3000	2400	2300	2100	1800	1700	1500	1100	800	600	400
	.90	3800	3800	3500	3500	3200	2900	2600	2500	2200	1900	1700	1600
	.50	3500	3300	3000	2900	2600	2400	2300	2200	1700	1500	1300	1100
	.10	3200	3000	2600	2400	2100	2000	1800	1600	1200	900	700	500
	.90	3800	4900	4800	4800	3600	3500	3200	2900	2400	2100	1900	1800
	.50	4200	3800	3700	3700	3000	2600	2500	2400	1900	1600	1400	1300
	.10	3200	3000	2800	2500	2300	2100	1900	1800	1300	1000	800	600

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK - CHINDOOK: SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00		
Q	EXC.	EXC.													
5800	.90	3800	3800	3500	3500	3000	2600	2500	2400	2100	1900	1600	1500		
	.50	3500	3300	3000	2900	2600	2400	2300	2100	1700	1400	1200	1000		
	.10	3200	3000	2600	2400	2100	1900	1300	1600	1200	900	600	500		
	.50	.90	4700	3800	3700	3500	3300	2900	2600	2600	2200	2000	1800	1600	
		.50	3600	3400	3100	3000	2700	2400	2400	2300	1700	1500	1400	1200	
		.10	3200	3000	2800	2500	2300	2100	1800	1700	1200	900	700	500	
		.90	5300	5300	4900	4800	3900	3500	3300	3000	2500	2100	2000	1800	
	5900	.50	4200	4200	3800	3700	3000	2700	2600	2500	1900	1600	1400	1400	
		.10	3200	3000	2900	2500	2400	2100	2000	1900	1300	1000	800	600	
		.90	3800	3800	3500	3500	3200	2700	2600	2500	2200	1900	1700	1500	
.50		3500	3300	3100	2900	2700	2400	2300	2200	1700	1400	1300	1100		
.10		.90	3200	3000	2700	2400	2200	2000	1800	1700	1200	900	700	500	
		.50	4800	4800	3800	3500	3400	3000	2700	2600	2300	2000	1800	1700	
		.90	3700	3700	3300	3000	2700	2500	2400	2300	1800	1500	1400	1200	
		.50	3200	3000	2800	2500	2300	2100	1900	1800	1200	900	700	600	
		.90	.90	5400	5300	5200	4900	3900	3600	3500	3200	2500	2100	2000	1900
			.50	4300	4200	4100	3800	3400	2800	2700	2600	2000	1700	1500	1400
	.10		3300	3000	2900	2600	2400	2100	2100	1900	1300	1100	900	700	
	.90		3800	3800	3500	3500	3200	2900	2600	2500	2200	1900	1700	1600	
	.50		3500	3300	3100	3000	2700	2400	2400	2200	1700	1500	1300	1100	
	.10		.90	3200	3000	2800	2500	2300	2100	1900	1700	1200	900	700	500
.50			4800	4800	4700	3800	3500	3200	2900	2600	2300	2000	1900	1700	
.90			3700	3700	3600	3300	2900	2600	2400	2400	1800	1600	1400	1300	
.50			3200	3000	2900	2500	2300	2100	1900	1800	1300	1000	800	600	
.10			.90	5400	5400	5300	5000	4800	3800	3600	3300	2500	2200	2000	1900
		.50	4300	4300	4200	3900	3700	3000	2800	2600	2100	1700	1500	1400	
		.90	3300	3000	3000	2700	2400	2300	2100	2000	1400	1100	900	700	
		.50	3800	3800	3500	3500	3200	2900	2600	2600	2200	2000	1800	1600	
		6100	.90	3600	3400	3100	3000	2700	2500	2400	2300	1800	1500	1400	1200
			.50	3200	3000	2800	2500	2300	2100	1900	1800	1200	900	700	600
	.10		4800	4800	4800	3800	3500	3200	3000	2700	2400	2000	1900	1800	
	.90		3700	3700	3700	3400	3000	2700	2700	2400	1900	1600	1400	1300	
	.50		3300	3000	2900	2600	2400	2100	2000	1900	1300	1000	800	600	
	.10		.90	5400	5400	5300	5000	4800	3800	3600	3300	2500	2200	2000	1900
.50			4300	4300	4200	3900	3700	3000	2800	2600	2100	1700	1500	1400	
.90			3300	3000	3000	2700	2400	2300	2100	2000	1400	1100	900	700	
.50			3800	3800	3500	3500	3200	2900	2600	2600	2200	2000	1800	1600	
.10			.90	3600	3400	3100	3000	2700	2500	2400	2300	1800	1500	1400	1200
		.50	3200	3000	2800	2500	2300	2100	1900	1800	1200	900	700	600	
		.10	4800	4800	4800	3800	3500	3200	3000	2700	2400	2000	1900	1800	
		.90	3700	3700	3700	3400	3000	2700	2700	2400	1900	1600	1400	1300	
		.50	3300	3000	2900	2600	2400	2100	2000	1900	1300	1000	800	600	
		.10	.90	5400	5400	5300	5000	4900	3800	3600	3300	2500	2200	2000	1900
	.50		4300	4300	4200	3900	3800	3100	2800	2600	2100	1700	1500	1400	
	.90		3300	3000	2900	2600	2400	2100	2100	1900	1300	1000	800	600	
	.50		3800	3800	3500	3500	3200	2900	2600	2600	2200	2000	1800	1600	
	.10		.90	3600	3400	3100	3000	2700	2500	2400	2300	1800	1500	1400	1200
.50			3200	3000	2800	2500	2300	2100	1900	1800	1200	900	700	600	
.10			4800	4800	4800	3800	3500	3200	3000	2700	2400	2000	1900	1800	
.90			3700	3700	3700	3400	3000	2700	2700	2400	1900	1600	1400	1300	
.50			3300	3000	2900	2600	2400	2100	2000	1900	1300	1000	800	600	
.10			.90	5400	5400	5300	5000	4900	3800	3600	3300	2500	2200	2000	1900
		.50	4300	4300	4200	3900	3800	3100	2800	2600	2100	1700	1500	1400	
		.90	3300	3000	2900	2600	2400	2100	2100	1900	1300	1000	800	600	
		.50	3800	3800	3500	3500	3200	2900	2600	2600	2200	2000	1800	1600	
		.10	.90	3600	3400	3100	3000	2700	2500	2400	2300	1800	1500	1400	1200
	.50		3200	3000	2800	2500	2300	2100	1900	1800	1200	900	700	600	
	.10		4800	4800	4800	3800	3500	3200	3000	2700	2400	2000	1900	1800	
	.90		3700	3700	3700	3400	3000	2700	2700	2400	1900	1600	1400	1300	
	.50		3300	3000	2900	2600	2400	2100	2000	1900	1300	1000	800	600	

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3900	3800	3600	3500	3300	3000	2700	2600	2200	2000	1800	1700
	.50	3700	3400	3300	3000	2800	2500	2400	2400	1800	1600	1400	1200
	.10	3300	3000	2900	2500	2400	2100	2000	1800	1300	1000	800	600
	.90	4800	4800	4800	3900	3500	3300	3000	2800	2400	2100	1900	1800
	.50	3700	3700	3700	3600	3000	2700	2500	2400	1900	1600	1400	1300
	.10	3300	3000	3000	2700	2400	2100	2100	1900	1300	1100	900	700
	.90	5400	5400	5400	5200	4900	3800	3600	3500	2600	2200	2000	1900
	.50	4300	4300	4300	4100	3800	3200	2900	2700	2200	1700	1600	1400
	.10	3800	3000	3000	2800	2500	2400	2100	2100	1500	1200	1000	800
6300	.90	3900	3800	3700	3500	3300	3000	2800	2600	2300	2000	1900	1700
	.50	3700	3400	3300	3000	2800	2600	2400	2400	1800	1600	1400	1300
	.10	3300	3000	3000	2600	2400	2100	2100	1900	1300	1000	800	600
	.90	4900	4800	4800	4700	3500	3300	3100	2900	2400	2100	2000	1800
	.50	4200	3700	3700	3600	3000	2800	2600	2400	1900	1600	1500	1400
	.10	3800	3000	3000	2700	2400	2200	2100	1900	1400	1100	900	700
	.90	5400	5400	5400	5300	4900	3900	3600	3500	2600	2300	2100	2000
	.50	4700	4300	4300	4200	3800	3300	3000	2800	2300	1800	1600	1500
	.10	4200	3000	3000	2800	2500	2400	2300	2100	1500	1200	1000	800
6400	.90	4700	3800	3700	3500	3400	3200	2900	2700	2400	2000	1900	1700
	.50	4200	3500	3300	3100	2900	2700	2500	2400	1900	1600	1400	1300
	.10	3800	3000	3000	2700	2400	2200	2100	1900	1300	1100	800	600
	.90	4900	4900	4800	4700	3600	3400	3200	3000	2500	2100	2000	1900
	.50	4200	3800	3700	3600	3100	2800	2600	2500	2000	1700	1500	1400
	.10	3800	3000	3000	2800	2500	2300	2100	2000	1400	1100	900	700
	.90	5400	5400	5400	5300	4900	3900	3600	3500	2700	2300	2100	2000
	.50	4300	4300	4300	4200	3800	3300	3000	2800	2400	1800	1600	1500
	.10	3800	3000	3000	2800	2500	2400	2300	2100	1600	1200	1000	900
6500	.90	4800	4800	3800	3600	3500	3200	3000	2800	2400	2100	1900	1800
	.50	4200	3700	3400	3300	3000	2700	2500	2400	1900	1600	1500	1400
	.10	3800	3000	3000	2800	2500	2300	2100	2000	1400	1100	900	700
	.90	5000	4900	4800	4800	3600	3500	3300	3000	2500	2100	2000	1900
	.50	4700	3800	3700	3700	3100	2800	2700	2600	2000	1700	1500	1400
	.10	4200	3000	3000	2800	2500	2400	2100	2100	1400	1100	900	800
	.90	5500	5400	5400	5300	4900	3900	3600	3500	2700	2400	2100	2000
	.50	4700	4300	4300	4200	3800	3300	3000	2800	2400	1800	1600	1500
	.10	4200	3000	3000	2800	2500	2400	2300	2100	1600	1200	1000	900

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4800	4800	4700	3800	3500	3300	3000	2900	2400	2100	1900	1800
	.50	4200	3700	3600	3300	3000	2800	2600	2500	2000	1600	1500	1400
	.10	3800	3000	3000	2800	2500	2400	2100	2100	1400	1100	900	700
	.90	5300	4900	4800	4800	3700	3500	3300	3200	2500	2200	2000	1900
	.50	4200	3800	3700	3700	3100	2900	2800	2600	2200	1700	1500	1400
	.10	3800	3000	3000	2800	2500	2400	2200	2100	1500	1200	1000	800
	.90	5500	5400	5400	5300	4900	3900	3600	3500	2700	2400	2100	2000
	.50	4700	4300	4300	4200	3800	3300	3100	2900	2400	1800	1600	1500
	.10	4200	3300	3000	3000	2600	2500	2400	2300	1700	1200	1100	900
6700	.90	5000	4800	4800	3800	3500	3300	3200	3000	2500	2100	2000	1900
	.50	4700	3700	3700	3500	3100	2800	2700	2500	2000	1700	1500	1400
	.10	4200	3000	3000	2800	2500	2400	2200	2100	1500	1200	900	800
	.90	5300	5300	4900	4800	3800	3600	3400	3300	2600	2200	2000	1900
	.50	4700	4200	3800	3700	3300	3000	2800	2700	2300	1800	1600	1500
	.10	4200	3100	3000	2900	2600	2400	2300	2100	1500	1200	1000	800
	.90	5500	5500	5400	5400	4900	3900	3600	3500	2800	2400	2100	2000
	.50	4700	4400	4300	4300	3800	3300	3100	2900	2400	1800	1600	1500
	.10	4200	3300	3000	3000	2600	2500	2400	2400	1800	1300	1100	900
6800	.90	4800	4800	4800	4300	3500	3400	3200	3000	2500	2100	2000	1900
	.50	4200	3700	3700	3600	3100	2900	2900	2600	2100	1700	1500	1400
	.10	3800	3100	3000	2900	2600	2400	2300	2100	1500	1200	1000	800
	.90	5400	5300	5200	4900	4200	3700	3500	3400	2600	2300	2100	2000
	.50	4700	4200	4200	3800	3500	3100	2900	2800	2300	1800	1600	1500
	.10	4200	3300	3000	3000	2600	2500	2400	2200	1600	1200	1000	900
	.90	5500	5500	5400	5400	4900	3900	3600	3500	2900	2400	2200	2000
	.50	4700	4400	4300	4300	3800	3300	3100	3000	2400	1900	1700	1500
	.10	4200	3300	3000	3000	2600	2500	2500	2400	1800	1300	1100	1000
	.90	5000	4800	4800	4700	3600	3400	3300	3100	2500	2200	2000	1900
6900	.90	4700	3700	3700	3600	3100	3000	2800	2700	2200	1700	1500	1400
	.50	4200	3300	3000	2900	2600	2400	2300	2100	1500	1200	1000	800
	.10	3800	3000	3000	2900	2600	2400	2300	2100	1500	1200	1000	800
	.90	5400	5400	5300	5000	4800	3800	3600	3500	2700	2300	2100	2000
	.50	4700	4300	4200	3900	3700	3100	3000	2800	2400	1800	1600	1500
	.10	4200	3300	3000	3000	2600	2500	2500	2400	1800	1300	1100	900
	.90	5000	5000	5000	5000	4800	3800	3600	3500	2700	2300	2100	2000
	.50	4700	4300	4200	3900	3700	3100	3000	2800	2400	1800	1600	1500
	.10	4200	3300	3000	3000	2600	2500	2400	2300	1700	1200	1100	900
	.90	5000	6100	6100	5400	4900	4300	3800	3600	3000	2500	2200	2100
	.50	5000	5000	5000	4300	3800	3500	3200	3100	2500	1900	1700	1600
	.10	4200	3300	3200	3000	2800	2600	2500	2400	1900	1300	1100	1000

PAGE 75

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER  
 INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5000	4900	4800	4700	3600	3500	3300	3200	2600	2200	1900
	.50		4700	3800	3700	3700	3100	3000	2800	2700	2200	1800	1500
	.10		4200	3300	3000	3000	2600	2500	2400	2200	1600	1200	900
	.90	.50	5400	5400	5300	5000	4900	3900	3600	3500	2900	2400	2000
	.50		4700	4300	4200	4000	3800	3300	3100	2900	2400	1900	1500
	.10		4200	3300	3000	3000	2500	2500	2400	2400	1800	1300	900
	.90	.10	6200	6200	6100	6100	5400	4800	4000	3700	3100	2500	2100
	.50		5100	5100	5000	5000	4300	3700	3300	3100	2600	2000	1600
	.10		4200	3400	3300	3200	3000	2600	2600	2500	2000	1400	1000

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	700	700	500	500	400	300	200	200	0	0	0	0
	.50	700	700	500	400	400	200	200	100	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
	.90	900	800	600	600	500	400	300	200	100	0	0	0
	.50	800	700	600	500	400	300	200	200	100	0	0	0
	.10	500	500	400	200	200	100	0	0	0	0	0	0
	.90	1200	1200	900	800	600	500	400	300	200	0	0	0
	.50	900	900	800	800	500	400	300	300	100	0	0	0
	.10	700	700	600	500	200	200	100	0	0	0	0	0
1500	.90	800	700	600	600	400	300	300	200	100	0	0	0
	.50	700	700	600	500	400	300	200	200	0	0	0	0
	.10	500	500	400	200	200	0	0	0	0	0	0	0
	.90	900	800	700	600	500	400	300	300	100	0	0	0
	.50	800	800	700	600	400	400	300	200	100	0	0	0
	.10	600	600	500	400	200	100	0	0	0	0	0	0
	.90	1200	1200	900	900	800	600	400	400	200	0	0	0
	.50	900	900	800	800	500	400	400	300	100	0	0	0
	.10	700	700	600	600	400	200	100	0	0	0	0	0
1600	.90	900	800	700	600	500	400	300	300	100	0	0	0
	.50	800	800	700	600	400	400	300	200	100	0	0	0
	.10	600	600	500	400	200	100	0	0	0	0	0	0
	.90	1200	1200	900	900	800	600	400	400	200	0	0	0
	.50	900	900	800	800	500	400	400	300	100	0	0	0
	.10	700	700	600	600	400	200	100	0	0	0	0	0
	.90	900	800	700	600	500	400	300	300	100	0	0	0
	.50	800	800	700	600	400	400	300	200	100	0	0	0
	.10	600	600	500	400	200	100	0	0	0	0	0	0
	.90	1400	1200	1000	900	900	600	500	400	200	100	0	0
	.50	1100	900	900	800	700	500	400	300	100	0	0	0
	.10	800	700	700	600	500	200	100	100	0	0	0	0
	.90	900	900	800	700	600	400	300	300	100	0	0	0
	.50	900	900	800	800	500	400	300	200	100	0	0	0
	.10	700	700	600	500	200	200	100	0	0	0	0	0
	.90	1400	1200	1000	900	900	600	500	400	200	100	0	0
	.50	1100	900	900	800	700	500	400	300	100	0	0	0
	.10	800	700	700	600	500	200	100	100	0	0	0	0
	.90	900	900	800	700	600	400	300	300	100	0	0	0
	.50	900	900	800	800	500	400	300	200	100	0	0	0
	.10	700	700	600	500	200	100	100	0	0	0	0	0
	.90	900	900	800	800	600	500	400	300	200	0	0	0
	.50	900	900	800	800	500	400	400	300	100	0	0	0
	.10	700	700	600	500	200	100	100	0	0	0	0	0
	.90	1500	1300	1200	1000	900	700	600	500	300	100	0	0
	.50	1200	1100	900	900	800	600	500	400	200	0	0	0
	.10	900	800	700	700	500	300	200	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	.90	900	900	800	600	500	400	300	200	0	0	0
	.50	.50	900	800	800	500	400	400	300	100	0	0	0
	.10	.10	700	600	600	400	200	100	0	0	0	0	0
	.90	.90	1200	900	900	700	600	500	400	200	0	0	0
	.50	.50	1100	900	800	700	500	400	300	100	0	0	0
	.10	.10	800	700	600	500	200	100	100	0	0	0	0
	.90	.90	1600	1200	1100	1000	800	600	600	300	100	0	0
	.50	.50	1200	1100	1100	900	700	500	400	200	0	0	0
	.10	.10	900	900	800	700	400	200	200	0	0	0	0
1900	.90	.90	900	900	900	700	500	400	300	200	0	0	0
	.50	.50	900	900	800	700	400	400	300	100	0	0	0
	.10	.10	700	700	600	500	200	100	100	0	0	0	0
	.90	.90	1300	1200	900	800	600	500	400	200	0	0	0
	.50	.50	1200	1100	900	800	500	400	400	200	0	0	0
	.10	.10	900	800	700	600	300	200	100	0	0	0	0
	.90	.90	1600	1500	1300	1200	900	800	600	300	100	0	0
	.50	.50	1200	1200	1100	900	800	600	500	200	0	0	0
	.10	.10	900	900	900	700	500	300	200	0	0	0	0
2000	.90	.90	1200	1000	900	800	600	500	400	200	0	0	0
	.50	.50	1100	1000	900	800	500	400	300	100	0	0	0
	.10	.10	800	800	700	500	200	200	100	0	0	0	0
	.90	.90	1300	1200	1100	900	700	600	500	200	100	0	0
	.50	.50	1200	1100	1000	900	700	500	400	200	0	0	0
	.10	.10	900	900	800	700	400	200	200	0	0	0	0
	.90	.90	1600	1600	1300	1100	900	800	700	300	200	0	0
	.50	.50	1400	1300	1200	1100	800	700	600	300	100	0	0
	.10	.10	1100	1000	900	800	600	400	200	0	0	0	0
	.90	.90	1300	1200	1100	900	700	600	400	200	0	0	0
	.50	.50	1200	1100	1100	800	600	500	400	200	0	0	0
	.10	.10	900	900	800	500	400	200	100	0	0	0	0
	.90	.90	1300	1300	1200	900	800	600	600	300	100	0	0
	.50	.50	1200	1200	1100	900	800	500	500	200	0	0	0
	.10	.10	900	900	900	700	500	300	200	0	0	0	0
	.90	.90	1700	1600	1300	1100	1000	900	800	400	200	100	0
	.50	.50	1600	1300	1200	1100	900	800	700	300	100	0	0
	.10	.10	1300	1000	900	800	600	500	300	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1300	1200	1100	1100	900	800	600	500	200	100	0	0
	.50	1200	1100	1100	900	700	700	500	400	200	0	0	0
	.10	900	900	800	700	500	500	200	200	0	0	0	0
	.90	1500	1400	1200	1000	900	900	700	600	300	100	0	0
	.50	1400	1300	1200	1100	1000	800	600	500	200	0	0	0
	.10	1100	1000	900	800	600	600	400	200	0	0	0	0
	.90	2100	1600	1400	1300	1200	1000	900	900	400	200	100	0
	.50	1600	1400	1200	1200	1100	900	800	700	400	100	0	0
	.10	1300	1100	1000	900	800	700	500	400	0	0	0	0
2300	.90	1300	1300	1200	1100	1000	800	600	600	300	100	0	0
	.50	1200	1200	1100	1100	900	800	600	500	200	0	0	0
	.10	1000	900	900	700	600	600	300	200	0	0	0	0
	.90	1700	1400	1300	1200	1100	900	800	700	300	100	0	0
	.50	1600	1300	1200	1100	900	900	700	600	300	100	0	0
	.10	1300	1000	900	800	600	600	500	300	0	0	0	0
	.90	2100	1700	1500	1300	1200	1100	1000	900	500	300	100	0
	.50	1600	1600	1200	1200	1100	900	800	800	400	100	0	0
	.10	1300	1300	1000	900	900	700	600	400	100	0	0	0
2400	.90	1500	1400	1200	1200	1000	900	700	600	300	100	0	0
	.50	1400	1300	1200	1100	1000	800	700	500	200	0	0	0
	.10	1100	1000	900	900	800	600	500	200	0	0	0	0
	.90	1700	1500	1300	1200	1100	1000	900	800	400	200	0	0
	.50	1600	1400	1200	1200	1100	900	800	700	300	100	0	0
	.10	1300	1100	1000	900	800	700	500	400	0	0	0	0
	.90	2100	1700	1500	1300	1300	1100	1000	1000	600	300	100	0
	.50	1600	1600	1400	1200	1100	1000	900	800	400	200	0	0
	.10	1300	1300	1100	1000	900	800	600	500	100	0	0	0
2500	.90	1700	1400	1300	1200	1100	900	800	700	300	100	0	0
	.50	1600	1300	1200	1200	1100	900	800	600	300	100	0	0
	.10	1300	1000	900	900	800	700	500	300	0	0	0	0
	.90	2100	1700	1500	1300	1200	1000	900	800	400	200	100	0
	.50	1600	1600	1200	1200	1100	900	800	700	300	100	0	0
	.10	1300	1300	1000	900	900	700	500	300	0	0	0	0
	.90	1700	1700	1300	1300	1200	1000	900	800	400	200	100	0
	.50	1600	1600	1200	1200	1100	900	800	700	300	100	0	0
	.10	1300	1300	1000	900	900	700	600	400	0	0	0	0
	.90	2100	1700	1500	1300	1200	1000	900	800	400	200	100	0
	.50	1600	1600	1500	1300	1200	1100	900	800	300	200	100	0
	.10	1300	1300	1200	1000	900	900	700	600	0	0	0	0
	.90	2100	1700	1600	1500	1300	1200	1100	1000	700	300	200	100
	.50	1600	1600	1500	1300	1200	1100	900	800	500	200	100	0
	.10	1300	1300	1200	1000	900	900	700	600	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % DF MAX EFFECTIVE SPANNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2600	.90	1700	1500	1300	1300	1100	900	900	800	400	200	0	0
	.50	1600	1500	1200	1200	1100	900	800	700	300	100	0	0
	.10	1300	1300	1000	900	900	700	600	400	0	0	0	0
	.90	1700	1700	1500	1300	1200	1100	1000	900	500	200	100	0
	.50	1600	1600	1400	1200	1100	1000	900	800	400	100	0	0
	.10	1300	1300	1100	1000	900	800	600	500	100	0	0	0
	.90	2200	2000	1600	1500	1300	1200	1100	1100	700	400	200	100
	.50	1700	1600	1500	1400	1200	1100	1000	900	500	300	100	0
	.10	1400	1300	1300	1000	900	800	700	600	200	0	0	0
2700	.90	1700	1700	1400	1300	1200	1000	900	800	400	200	100	0
	.50	1600	1600	1300	1200	1100	900	800	700	300	100	0	0
	.10	1300	1300	1000	1000	900	700	600	500	100	0	0	0
	.90	1700	1700	1500	1400	1200	1100	1000	900	600	300	100	0
	.50	1600	1600	1400	1200	1200	1000	900	800	400	200	0	0
	.10	1300	1300	1200	1000	900	800	700	600	100	0	0	0
	.90	2200	2100	1700	1600	1500	1200	1200	1100	800	400	300	200
	.50	1700	1600	1500	1400	1200	1100	1000	900	600	300	100	0
	.10	1500	1300	1300	1100	900	900	800	700	200	0	0	0
2800	.90	1700	1700	1500	1300	1200	1000	900	800	500	200	100	0
	.50	1600	1600	1400	1200	1200	1000	900	800	400	100	0	0
	.10	1300	1300	1100	1000	900	800	700	500	100	0	0	0
	.90	1800	1700	1500	1500	1300	1100	1000	1000	600	300	200	0
	.50	1700	1600	1500	1300	1200	1100	900	800	500	200	0	0
	.10	1400	1300	1300	1000	900	800	700	600	200	0	0	0
	.90	3100	2200	1700	1600	1500	1300	1200	1100	800	400	300	200
	.50	2500	1700	1600	1500	1300	1200	1100	1000	700	400	200	0
	.10	1500	1300	1300	1100	1000	900	800	700	300	0	0	0
2900	.90	1700	1700	1500	1300	1200	1100	1000	900	500	300	100	0
	.50	1600	1600	1500	1200	1200	1000	900	800	400	200	0	0
	.10	1300	1300	1300	1000	900	800	700	600	100	0	0	0
	.90	1800	1700	1500	1500	1300	1200	1100	1000	700	300	200	100
	.50	1700	1600	1500	1400	1200	1100	1000	900	500	200	100	0
	.10	1500	1300	1300	1100	900	900	700	600	200	0	0	0
	.90	3100	2200	1800	1700	1500	1300	1200	1200	900	600	300	200
	.50	2500	1700	1600	1500	1300	1200	1100	1000	800	400	200	100
	.10	1600	1300	1300	1200	1000	900	800	700	300	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1800	1700	1500	1400	1200	1100	1000	900	600	300	100	0
	.50	1700	1600	1500	1400	1200	1100	900	900	500	200	0	0
	.10	1500	1300	1300	1100	900	800	700	600	200	0	0	0
	.90	1800	1700	1600	1500	1300	1200	1100	1100	700	400	200	100
	.50	1700	1600	1500	1400	1200	1100	1000	900	600	300	100	0
	.10	1500	1300	1300	1100	1000	900	800	700	200	0	0	0
	.90	3100	2200	2000	1800	1600	1400	1300	1200	900	600	400	300
	.50	2500	2100	1700	1600	1400	1200	1200	1100	800	400	200	100
	.10	1900	1700	1300	1300	1000	900	900	800	400	100	0	0
3100	.90	1800	1700	1500	1500	1300	1200	1100	1000	700	300	200	100
	.50	1700	1600	1500	1400	1200	1100	1000	900	500	200	100	0
	.10	1500	1300	1300	1100	1000	900	800	700	200	0	0	0
	.90	2100	1700	1600	1500	1400	1200	1200	1100	800	400	300	200
	.50	1800	1600	1500	1400	1200	1200	1100	900	700	300	200	0
	.10	1600	1300	1300	1200	1000	900	800	700	300	0	0	0
3200	.90	3100	2300	2100	2000	1500	1500	1300	1300	1000	700	400	300
	.50	2500	2200	1800	1700	1500	1300	1200	1100	800	500	300	200
	.10	1900	1800	1400	1300	1100	1000	900	800	500	100	0	0
	.90	1800	1700	1500	1500	1300	1200	1100	1000	700	300	200	100
	.50	1800	1600	1500	1400	1200	1200	1100	900	600	300	100	0
	.10	1600	1300	1300	1100	1000	900	800	700	200	0	0	0
	.90	2200	1900	1700	1600	1500	1300	1200	1100	800	500	300	200
	.50	2200	1900	1600	1500	1300	1200	1100	1000	800	400	200	0
	.10	1900	1700	1300	1300	1000	900	800	800	400	0	0	0
3300	.90	3100	2300	2100	2000	1700	1500	1400	1300	1100	700	500	400
	.50	2500	2200	1900	1700	1500	1300	1200	1200	900	500	300	200
	.10	1900	1900	1600	1300	1100	1000	900	900	600	200	0	0
	.90	2200	1900	1700	1500	1400	1200	1100	1100	800	400	200	100
	.50	2200	1900	1600	1500	1200	1200	1100	900	700	300	100	0
	.10	1900	1700	1300	1300	1000	900	800	700	300	0	0	0
	.90	2200	2100	1800	1700	1500	1400	1300	1200	900	600	300	200
	.50	2200	2100	1700	1600	1400	1200	1200	1100	800	400	200	100
	.10	1900	1800	1400	1300	1100	900	900	800	500	100	0	0
	.90	3100	2300	2100	2000	1800	1600	1500	1400	1100	800	600	400
	.50	2500	2200	1900	1700	1600	1400	1300	1200	900	600	400	200
	.10	2000	1900	1700	1400	1200	1000	1000	900	600	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q EXC.	EXC.												
3400 .90	.90	2200	2100	1700	1600	1500	1300	1200	1100	800	400	300	200
	.50	2200	2100	1700	1500	1300	1200	1100	1000	700	400	200	0
	.10	1900	1800	1400	1300	1000	900	900	800	400	0	0	0
	.90	2200	2200	1900	1800	1500	1500	1300	1200	900	700	400	300
	.50	2200	2200	1800	1600	1400	1300	1200	1100	800	500	300	100
	.10	1900	1900	1600	1300	1100	1000	900	800	500	100	0	0
	.90	3100	2300	2200	2000	1800	1600	1500	1500	1100	900	600	400
	.50	2500	2200	1900	1800	1700	1500	1300	1300	900	700	400	300
	.10	2000	1900	1700	1400	1300	1100	1000	900	700	300	0	0
3500 .90	.90	2200	2200	1800	1700	1500	1300	1200	1200	900	500	300	200
	.50	2200	2200	1800	1600	1400	1200	1100	1100	800	400	200	100
	.10	1900	1900	1600	1300	1100	900	900	800	500	100	0	0
	.90	2200	2200	2000	1900	1600	1500	1400	1300	1000	700	400	300
	.50	2200	2200	1900	1700	1500	1300	1200	1200	900	500	300	200
	.10	2000	1900	1700	1400	1200	1000	900	900	600	200	0	0
3600 .90	.90	3100	2700	2200	2000	1900	1700	1600	1500	1200	900	700	500
	.50	2700	2500	1900	1800	1700	1500	1400	1300	1000	800	500	300
	.10	2400	1900	1700	1600	1300	1100	1000	1000	700	300	100	0
	.90	2200	2200	1900	1700	1500	1400	1300	1200	900	600	300	200
	.50	2200	2200	1900	1600	1400	1300	1200	1100	800	400	300	100
	.10	2000	1900	1700	1300	1100	1000	900	900	600	100	0	0
	.90	2200	2200	2000	2000	1700	1500	1500	1300	1100	800	500	300
	.50	2200	2200	1900	1700	1500	1400	1300	1200	900	600	400	200
	.10	2000	1900	1700	1400	1300	1100	1000	900	600	200	0	0
3700 .90	.90	3200	3100	2200	2100	2000	1800	1600	1600	1200	900	800	500
	.50	2700	2500	2100	1900	1700	1600	1500	1400	1100	800	500	400
	.10	2400	1900	1700	1700	1300	1200	1100	1000	800	400	200	0
	.90	2200	2200	1900	1800	1600	1500	1300	1300	1000	700	400	300
	.50	2200	2200	1900	1700	1500	1300	1200	1200	900	500	300	200
	.10	2000	1900	1700	1400	1300	1000	900	900	600	200	0	0
	.90	3100	2200	2100	2000	1800	1600	1500	1400	1100	800	600	400
	.50	2700	2200	1900	1800	1700	1400	1300	1300	900	700	400	200
	.10	2400	1900	1700	1600	1300	1100	1000	1000	700	300	100	0
	.90	3200	3100	2300	2200	2000	1900	1700	1600	1300	1000	800	600
	.50	2700	2700	2200	1900	1800	1700	1500	1400	1200	800	600	400
	.10	2400	2000	1800	1700	1400	1300	1100	1100	800	500	200	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2700	2200	2000	1900	1700	1500	1400	1300	1000	700	400	300
	.50	2700	2200	1900	1700	1500	1400	1300	1200	900	600	400	200
	.10	2400	1900	1700	1500	1300	1100	1000	900	700	200	0	0
	.90	3100	2700	2200	2000	1900	1700	1600	1500	1200	900	600	400
	.50	2700	2500	2000	1900	1700	1500	1400	1300	1000	800	500	300
	.10	2400	1900	1700	1600	1300	1200	1100	1000	700	300	100	0
	.90	3200	3200	2300	2200	2000	2000	1800	1700	1300	1100	900	700
	.50	2800	2700	2200	2000	1900	1700	1600	1500	1200	900	700	500
	.10	2500	2400	1800	1700	1500	1300	1200	1100	900	600	200	100
3900	.90	2700	2200	2000	2000	1800	1600	1500	1400	1100	800	500	300
	.50	2700	2200	1900	1900	1600	1400	1300	1200	900	700	400	200
	.10	2400	1900	1700	1600	1300	1100	1000	1000	700	300	0	0
	.90	3100	2700	2200	2000	2000	1800	1600	1500	1200	900	700	500
	.50	2700	2500	2100	1900	1700	1600	1500	1400	1100	800	500	400
	.10	2400	2000	1800	1700	1400	1200	1100	1000	800	400	200	0
	.90	3300	3200	2600	2300	2100	2000	1900	1800	1400	1100	900	800
	.50	2800	2700	2400	2200	1900	1700	1700	1500	1200	900	800	500
	.10	2500	2400	1900	1700	1600	1300	1200	1200	900	600	300	100
4000	.90	2700	2300	2100	2000	1800	1600	1500	1500	1100	800	600	400
	.50	2700	2300	2000	1900	1700	1500	1400	1300	1000	700	400	300
	.10	2400	2000	1800	1700	1400	1200	1100	1000	700	300	100	0
	.90	3100	2700	2200	2100	2000	1800	1600	1600	1300	1000	800	600
	.50	2800	2700	2200	1900	1700	1700	1500	1400	1200	800	600	400
	.10	2500	2400	1800	1700	1400	1300	1200	1100	800	500	200	0
	.90	3300	3200	2700	2300	2100	2000	1900	1800	1500	1200	900	800
	.50	2800	2700	2200	1900	1700	1700	1500	1400	1200	800	600	400
	.10	2500	2400	1800	1700	1400	1300	1200	1100	800	500	200	0
	.90	3100	2700	2200	2000	2000	1900	1900	1800	1500	1200	900	800
	.50	2800	2700	2500	2200	1900	1800	1700	1600	1300	900	800	600
	.10	2500	2400	2000	1800	1500	1400	1300	1200	900	700	300	200
4100	.90	2800	2700	2200	2000	1900	1700	1600	1500	1200	900	700	400
	.50	2800	2700	2100	1900	1700	1500	1400	1400	1100	800	500	300
	.10	2500	2400	1800	1700	1400	1200	1100	1000	800	400	200	0
	.90	3100	2700	2200	2000	2000	1900	1900	1800	1500	1200	900	800
	.50	2800	2700	2200	1900	1700	1700	1500	1400	1200	800	600	400
	.10	2500	2400	1800	1700	1400	1300	1200	1100	800	500	200	0
	.90	3100	2700	2200	2000	2000	1900	1700	1600	1300	1000	800	600
	.50	2800	2700	2200	2000	1900	1700	1600	1500	1200	900	700	400
	.10	2500	2400	1900	1700	1600	1300	1200	1100	900	600	200	100
	.90	3400	3200	3100	2500	2200	2000	2000	1900	1500	1200	1000	900
	.50	3100	2800	2600	2500	2000	1800	1700	1700	1300	1000	800	600
	.10	2800	2400	2300	1900	1700	1400	1300	1300	1000	700	400	200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2800	2700	2200	2100	2000	1800	1600	1600	1200	900	700	500
	.50	2800	2700	2200	1900	1800	1600	1500	1400	1100	800	500	400
	.10	2500	2400	1900	1700	1500	1300	1200	1100	800	500	200	0
	.90	3100	2800	2300	2200	2000	1900	1800	1700	1300	1100	900	700
	.50	2800	2700	2300	2100	1900	1700	1600	1500	1200	900	700	500
	.10	2500	2400	2000	1800	1500	1400	1300	1200	900	600	300	100
	.90	3400	3300	3100	2700	2300	2100	2000	1900	1600	1200	1000	900
	.50	3100	2800	2700	2500	2000	1900	1700	1700	1400	1100	800	700
	.10	2800	2500	2300	1900	1700	1500	1400	1300	1000	700	500	200
4300	.90	3100	2700	2300	2200	2000	1800	1700	1600	1300	1000	800	600
	.50	2800	2700	2300	2100	1900	1700	1500	1500	1200	900	600	400
	.10	2500	2400	2000	1800	1600	1300	1200	1100	900	600	200	0
	.90	3100	2800	2500	2300	2100	2000	1900	1800	1400	1100	900	800
	.50	3100	2700	2500	2200	1900	1700	1700	1600	1300	900	800	500
	.10	2800	2400	2300	1900	1700	1400	1300	1200	900	700	300	200
4400	.90	3400	3400	3100	2800	2300	2100	2000	2000	1600	1300	1100	900
	.50	3100	2800	2700	2500	2200	1900	1800	1700	1400	1100	900	800
	.10	2800	2500	2300	2100	1700	1600	1400	1300	1000	800	500	300
	.90	3100	2700	2500	2200	2000	1900	1800	1700	1300	1000	800	600
	.50	3100	2700	2500	2200	1900	1700	1600	1500	1200	900	700	500
	.10	2800	2400	2300	1900	1700	1400	1300	1200	900	600	300	100
	.90	3100	2800	2500	2300	2100	2000	1900	1800	1500	1200	900	800
	.50	3100	2800	2500	2300	1900	1800	1700	1600	1300	1000	800	600
	.10	2800	2500	2300	1900	1700	1400	1300	1300	1000	700	400	200
4500	.90	3400	3400	3200	3000	2500	2200	2000	2000	1700	1300	1100	1000
	.50	3100	2800	2700	2700	2400	1900	1800	1700	1500	1200	900	800
	.10	2800	2500	2300	2200	1900	1600	1400	1300	1100	800	600	300
	.90	3100	2800	2500	2300	2100	2000	1800	1700	1400	1100	900	700
	.50	3100	2800	2500	2200	1900	1700	1700	1600	1200	900	800	500
	.10	2800	2500	2300	1900	1700	1400	1300	1200	900	700	300	100
	.90	3200	3100	2500	2400	2200	2000	2000	1800	1500	1200	1000	800
	.50	3100	2800	2500	2400	2000	1800	1700	1700	1400	1000	800	600
	.10	2800	2500	2300	2000	1700	1500	1400	1300	1000	700	500	200
	.90	3400	3400	3200	3100	2500	2200	2100	2000	1700	1400	1200	1000
	.50	3100	2800	2700	2700	2500	2000	1900	1800	1500	1200	900	800
	.10	2800	2500	2300	2300	1900	1700	1500	1400	1100	800	600	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3100	2800	2500	2300	2100	2000	1900	1800	1500	1100	900	800
	.50	3100	2800	2500	2300	2000	1800	1700	1600	1300	900	800	500
	.10	2800	2500	2300	2000	1700	1500	1300	1300	1000	700	400	200
	.90	3200	3100	2700	2500	2200	2000	2000	1900	1600	1200	1000	900
	.50	3100	2800	2500	2500	2100	1900	1700	1700	1400	1100	800	700
	.10	2800	2500	2300	2200	1700	1500	1400	1300	1000	800	500	300
	.90	3400	3400	3200	3100	2700	2300	2100	2000	1700	1400	1200	1100
	.50	3100	2800	2800	2700	2500	2100	1900	1800	1500	1200	1000	800
	.10	2800	2500	2300	2300	1900	1700	1500	1400	1100	900	700	400
4700	.90	3100	2800	2500	2500	2200	2000	1900	1800	1500	1200	900	800
	.50	3100	2800	2500	2500	2000	1800	1700	1700	1300	1000	800	600
	.10	2800	2500	2300	2200	1700	1500	1400	1300	1000	700	400	200
	.90	3200	3200	2800	2500	2300	2100	2000	2000	1600	1300	1100	900
	.50	3100	2800	2700	2500	2200	1900	1800	1700	1400	1100	900	800
	.10	2800	2500	2300	2300	1800	1600	1400	1300	1100	800	600	300
	.90	3600	3400	3200	3100	2700	2300	2200	2100	1800	1500	1300	1100
	.50	3500	2800	2800	2700	2500	2200	1900	1900	1600	1300	1000	900
	.10	3200	2500	2300	2300	2000	1700	1600	1400	1200	900	700	500
4800	.90	3100	2900	2500	2500	2200	2000	2000	1900	1500	1200	1000	800
	.50	3100	2800	2500	2500	2200	1900	1700	1700	1400	1100	800	600
	.10	2800	2500	2300	2300	1800	1600	1400	1300	1000	800	500	200
	.90	3300	3200	2900	2700	2300	2100	2000	2000	1600	1300	1100	900
	.50	3100	2800	2700	2500	2300	1900	1800	1700	1500	1200	900	800
	.10	2800	2500	2300	2300	1900	1700	1500	1400	1100	800	600	300
	.90	3600	3400	3200	3100	2800	2300	2200	2100	1800	1600	1300	1200
	.50	3500	2800	2800	2700	2500	2300	2000	1900	1600	1400	1100	900
	.10	3200	2500	2400	2300	2000	1800	1600	1500	1200	900	800	500
	.90	3100	3100	2700	2500	2300	2100	2000	1900	1600	1200	1000	900
	.50	3100	2800	2500	2500	2200	1900	1800	1700	1400	1100	900	700
	.10	2800	2500	2300	2300	1900	1600	1400	1300	1100	800	500	300
	.90	3600	3200	3000	2800	2500	2200	2100	2000	1700	1300	1200	1000
	.50	3500	2800	2700	2500	2400	2000	1900	1800	1500	1200	900	800
	.10	3200	2500	2300	2300	2000	1700	1500	1400	1100	800	600	400
	.90	4300	3400	3300	3200	2800	2500	2300	2200	1900	1600	1300	1200
	.50	3700	3100	2800	2700	2500	2300	2000	1900	1700	1400	1200	900
	.10	3200	2600	2500	2300	2100	1800	1700	1500	1200	900	800	600

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3200	3100	2700	2500	2300	2100	2000	2000	1600	1300	1100	900
	.50	3100	2800	2700	2500	2200	1900	1800	1700	1500	1200	900	800
	.10	2800	2500	2300	2300	1900	1700	1500	1400	1100	800	600	300
	.90	3600	3200	3100	2800	2500	2300	2100	2000	1700	1400	1200	1000
	.50	3500	2800	2700	2700	2500	2000	1900	1800	1500	1200	1000	800
	.10	3200	2500	2400	2300	2000	1700	1600	1400	1200	900	700	400
	.90	4400	4400	3400	3200	3000	2500	2300	2300	2000	1700	1400	1300
	.50	3800	3800	2800	2800	2700	2200	2200	2000	1700	1400	1200	1000
	.10	3200	2800	2500	2400	2200	1900	1700	1600	1300	1000	800	600
	.90	3600	3100	2800	2500	2300	2200	2000	2000	1700	1300	1100	900
5100	.90	3500	2800	2700	2500	2300	2000	1900	1700	1500	1200	900	800
	.50	3200	2500	2400	2300	2000	1700	1500	1400	1100	800	600	400
	.10	3600	3300	3100	3000	2500	2300	2200	2100	1800	1500	1200	1100
	.90	3500	2900	2800	2700	2500	2200	1900	1900	1600	1300	1000	900
	.50	3200	2600	2500	2300	2000	1800	1600	1500	1200	900	700	500
	.10	4400	4400	4300	3400	3100	2600	2400	2300	2000	1700	1500	1300
	.90	3800	3800	3700	2800	2700	2700	2500	2100	1700	1500	1300	1100
	.50	3200	3200	2600	2500	2300	2000	2000	1800	1700	1300	1100	900
	.10	3600	3200	2800	2700	2500	2200	2100	2000	1700	1300	1200	900
	.90	3500	2900	2800	2500	2400	2000	2000	1900	1800	1500	1200	800
5200	.90	3200	2600	2500	2300	2000	1700	1600	1500	1200	900	700	400
	.50	3600	3400	3200	3000	2700	2300	2200	2100	1800	1500	1300	1100
	.10	3500	3100	2800	2700	2500	2200	2100	2000	1700	1300	1200	900
	.90	3600	3200	2800	2500	2400	2000	1900	1800	1500	1200	900	800
	.50	3200	2600	2500	2300	2000	1700	1600	1500	1200	900	700	400
	.10	4400	4400	4400	3400	3100	2600	2400	2300	2000	1700	1400	1100
	.90	3500	3100	2800	2700	2500	2200	2000	1900	1700	1400	1100	900
	.50	3200	2800	2500	2300	2100	1900	1700	1500	1200	900	800	600
	.10	4400	4400	4400	3400	3100	2600	2400	2300	2000	1700	1500	1300
	.90	3800	3800	3800	3400	2800	2800	2500	2400	2200	1700	1500	1300
5300	.90	3200	3200	2600	2600	2300	2000	1900	1700	1300	1100	800	
	.50	3600	3200	3000	2800	2500	2300	2100	2000	1700	1400	1200	1000
	.10	3500	3100	2800	2700	2500	2200	1900	1900	1600	1300	1000	800
	.90	3200	2800	2500	2300	2100	1900	1700	1500	1200	900	700	500
	.50	3200	2800	2500	2300	2100	1800	1700	1500	1200	900	700	500
	.10	4400	4400	4400	3400	3100	2600	2400	2300	2000	1600	1300	1200
	.90	3600	3400	3200	3100	2800	2800	2300	2200	1900	1600	1300	1200
	.50	3500	3400	2800	2700	2500	2300	2000	1900	1700	1400	1200	900
	.10	3200	3200	2500	2300	2200	1900	1700	1600	1300	1000	800	600
	.90	4400	4400	4400	3500	3200	2200	2800	2500	2400	2000	1800	1400
5400	.90	3800	3800	3800	3400	2800	2800	2500	2300	1800	1500	1400	1200
	.50	3200	3200	2600	2600	2300	2000	1900	1700	1300	1100	800	
	.10	4400	4400	4400	3400	3100	2600	2400	2300	2000	1600	1300	1200
	.90	3600	3200	2800	2700	2500	2200	2000	1900	1600	1300	1000	800
	.50	3200	2800	2500	2300	2100	1900	1700	1500	1200	900	700	500
	.10	4400	4400	4400	3400	3100	2600	2400	2300	2000	1600	1300	1200
	.90	3600	3400	3200	3100	2800	2800	2300	2200	1900	1600	1300	1200
	.50	3500	3400	2800	2700	2500	2300	2000	1900	1700	1400	1200	900
	.10	3200	3200	2500	2300	2200	1900	1700	1600	1300	1000	800	600
	.90	4400	4400	4400	3500	3200	2200	2800	2500	2400	2000	1800	1400
5500	.90	3800	3800	3800	3400	2800	2800	2500	2300	1800	1500	1400	1200
	.50	3200	3200	2600	2600	2300	2000	1900	1700	1300	1100	800	
	.10	4400	4400	4400	3400	3100	2600	2400	2300	2000	1600	1300	1200
	.90	3600	3200	2800	2700	2500	2200	2000	1900	1600	1300	1000	800
	.50	3200	2800	2500	2300	2100	1900	1700	1500	1200	900	700	500
	.10	4400	4400	4400	3400	3100	2600	2400	2300	2000	1600	1300	1200
	.90	3600	3400	3200	3100	2800	2800	2300	2200	1900	1600	1300	1200
	.50	3500	3400	2800	2700	2500	2300	2000	1900	1700	1400	1200	900
	.10	3200	3200	2500	2300	2200	1900	1700	1600	1300	1000	800	600
	.90	4400	4400	4400	3500	3200	2200	2800	2500	2400	2000	1800	1400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER  
 INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5400	.90	3600	3400	3100	2800	2500	2300	2200	2100	1800	1500	1200	1100	
		3500	3400	2800	2700	2500	2300	2000	1900	1600	1300	1100	900	
		3200	3200	2500	2300	2200	1900	1700	1600	1200	900	800	500	
		3600	3400	3200	3100	2800	2500	2300	2200	2000	1900	1600	1400	1200
		3500	3400	2800	2800	2500	2400	2200	2000	2000	1700	1400	1200	1000
		3200	3200	2500	2500	2300	2000	1800	1700	1700	1300	1000	800	700
		4500	4400	4400	4300	3200	3000	2600	2600	2500	2100	1800	1600	1400
		3900	3800	3800	3700	2800	2600	2200	2000	1900	1800	1500	1400	1200
		3400	3200	2700	2600	2500	2200	2000	2000	1900	1700	1400	1200	800
		3600	3400	3100	3000	2500	2300	2000	1700	1700	1700	1400	1100	900
5500	.90	3500	3400	2800	2700	2500	2300	2000	1700	1300	1000	800	600	
		3200	3200	2500	2400	2300	2000	1700	1700	1300	1000	800	600	
		3600	3400	3300	3100	2800	2500	2300	2300	2000	1700	1500	1300	
		3500	3400	2900	2800	2700	2500	2300	2300	2100	1700	1500	1300	
		3200	3200	2600	2500	2300	2000	1900	1900	1700	1300	1100	700	
		4500	4500	4400	4300	3300	3000	2700	2800	2500	2100	1800	1500	1300
		3900	3900	3800	3700	2900	2700	2500	2500	2500	1900	1600	1500	1300
		3400	3200	2800	2700	2500	2300	2100	2100	1900	1500	1200	1000	900
		3600	3400	3200	3000	2800	2500	2300	2300	2200	1900	1600	1300	1200
		3500	3400	2800	2800	2500	2300	2000	2200	2000	1700	1400	1200	1000
5600	.90	3200	3200	2600	2500	2300	2000	1900	1700	1300	1000	800	600	
		4500	4500	4400	4300	3300	3000	2700	2800	2500	2100	1800	1500	1300
		3900	3900	3800	3700	2900	2700	2500	2500	2500	1900	1600	1500	1300
		3400	3200	2800	2700	2500	2300	2100	2100	1900	1500	1200	1000	900
		3600	3400	3200	3000	2800	2500	2300	2300	2200	1900	1600	1300	1200
		3500	3400	2800	2800	2500	2300	2000	2200	2000	1700	1400	1200	1000
		3200	3200	2500	2500	2300	2000	1800	1800	1700	1300	1000	800	600
		4500	4500	4400	4400	3300	3000	2700	2400	2300	2000	1700	1500	1300
		3900	3900	3800	3800	2900	2700	2500	2500	2500	1900	1600	1500	1300
		3400	3200	2700	2500	2300	2000	1800	1900	1800	1400	1100	900	800
5700	.90	3400	3400	2700	2500	2300	2100	1900	1800	1400	1100	900	800	
		4500	4500	4400	4400	3300	3000	2700	2400	2300	2000	1700	1500	1400
		3900	3900	3800	3800	2900	2700	2500	2500	2500	1900	1600	1500	1300
		3400	3200	3000	2700	2600	2300	2100	2100	2000	1500	1200	1000	900
		3600	3400	3200	3100	2800	2500	2300	2300	2300	2000	1600	1400	1200
		3600	3400	2900	2800	2700	2500	2300	2300	2000	1700	1400	1200	1000
		3600	3200	2600	2500	2300	2100	1900	1900	1700	1300	1100	900	700
		3400	3400	3400	3200	3000	2900	2700	2500	2400	2000	1800	1600	1400
		3600	3400	3100	2900	2900	2800	2500	2500	2500	1900	1500	1400	1200
		3400	3200	2800	2600	2300	2200	2000	2000	1900	1400	1200	900	800
5800	.90	4900	4500	4400	4400	3400	3100	3000	2700	2300	2000	1700	1500	
		4300	3900	3800	3800	2700	2600	2300	2200	2000	1500	1200	1000	
		3400	3400	3100	2900	2900	2800	2500	2400	2300	1800	1500	1400	
		3600	3400	3100	2900	2900	2800	2500	2400	2300	1800	1500	1400	
		3600	3400	2800	2600	2300	2200	2000	2000	1900	1400	1200	1000	
		3400	3200	2800	2600	2300	2100	1900	1900	1700	1300	1100	900	
		3600	3400	3400	3200	3000	2900	2700	2500	2400	2000	1800	1600	1400
		3600	3400	3100	2900	2900	2800	2500	2400	2300	1800	1500	1400	1200
		3400	3200	2800	2600	2300	2200	2000	2000	1900	1400	1200	900	800
		4900	4500	4400	4400	3400	3100	3000	2700	2300	2000	1700	1500	1400
5900	.90	4300	3900	3800	3800	2700	2600	2300	2200	2000	1500	1200	1000	
		3400	3400	3100	2900	2900	2800	2500	2400	2300	1800	1500	1400	
		3600	3400	3100	2900	2900	2800	2500	2400	2300	1800	1500	1400	
		3600	3400	2800	2600	2300	2200	2000	2000	1900	1400	1200	1000	
		3400	3200	2800	2600	2300	2100	1900	1900	1700	1300	1100	900	
		3600	3400	3400	3200	3000	2900	2700	2500	2400	2000	1800	1600	1400
		3600	3400	3100	2900	2900	2800	2500	2400	2300	1800	1500	1400	1200
		3400	3200	2800	2600	2300	2200	2000	2000	1900	1400	1200	900	800
		4900	4500	4400	4400	3400	3100	3000	2700	2300	2000	1700	1500	1400
		4300	3900	3800	3800	2700	2600	2300	2200	2000	1500	1200	1000	900

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3600	3400	3300	3100	2800	2500	2400	2300	2000	1700	1500	1300
	.50	3600	3400	3100	2900	2700	2500	2400	2200	1700	1500	1300	1100
	.10	3400	3200	2800	2600	2300	2100	2000	1800	1400	1100	900	800
	.90	4300	3500	3400	3200	3100	2800	2500	2400	2000	1800	1600	1400
	.50	3700	3400	3200	3000	2800	2500	2500	2400	1800	1600	1400	1200
	.10	3400	3200	3000	2700	2500	2300	2100	1900	1400	1200	1000	800
	.90	4900	4900	4500	4400	3400	3200	3100	2800	2300	2000	1800	1600
	.50	4300	4300	3900	3800	3100	2800	2700	2600	2000	1700	1500	1400
	.10	3400	3200	3100	2900	2600	2400	2300	2100	1600	1300	1100	900
5900	.90	3600	3400	3400	3200	3000	2600	2500	2300	2000	1700	1500	1300
	.50	3600	3400	3200	2900	2800	2500	2400	2300	1800	1500	1400	1100
	.10	3400	3200	2900	2600	2400	2200	2000	1900	1400	1100	900	800
	.90	4400	4400	3400	3400	3100	2800	2600	2500	2100	1800	1700	1500
	.50	3800	3800	3400	3100	2800	2600	2500	2400	1900	1600	1400	1300
	.10	3400	3200	3000	2700	2500	2300	2100	2000	1500	1200	1000	900
	.90	5000	4900	4800	4500	3600	3300	3200	3000	2300	2000	1800	1700
	.50	4400	4300	4200	3900	3400	2900	2800	2700	2100	1700	1600	1500
	.10	3500	3200	3200	3100	2700	2500	2300	2200	1600	1300	1100	1000
6000	.90	3600	3400	3400	3200	3000	2700	2500	2400	2000	1800	1600	1400
	.50	3600	3400	3200	3000	2800	2500	2500	2300	1800	1600	1400	1200
	.10	3400	3200	3000	2700	2500	2300	2100	2000	1400	1200	1000	800
	.90	4400	4400	4300	3400	3100	3000	2700	2500	2100	1900	1700	1500
	.50	3800	3800	3700	3400	2900	2700	2500	2500	1900	1700	1500	1300
	.10	3400	3200	3100	2700	2600	2300	2200	2000	1500	1200	1000	900
	.90	5000	5000	4900	4600	4400	3400	3200	3100	2400	2000	1800	1700
	.50	4400	4400	4300	4000	3800	3000	2900	2800	2200	1800	1600	1500
	.10	3500	3200	3200	3100	2700	2600	2500	2300	1700	1400	1200	1000
6100	.90	3700	3500	3400	3200	3100	2800	2500	2500	2000	1800	1600	1400
	.50	3700	3400	3200	3000	2800	2600	2500	2400	1800	1600	1400	1200
	.10	3400	3200	3000	2700	2500	2300	2100	2000	1500	1200	1000	800
	.90	4400	4400	4400	3500	3200	3000	2800	2600	2200	1900	1700	1600
	.50	3800	3800	3800	3400	3000	2800	2600	2500	2000	1700	1500	1400
	.10	3500	3200	3100	2800	2600	2400	2300	2100	1600	1300	1100	900
	.90	5000	5000	4900	4600	4500	3500	3300	3200	2400	2000	1800	1700
	.50	4400	4400	4300	4000	3900	3200	2900	2800	2300	1800	1600	1500
	.10	4000	3200	3200	3200	2800	2700	2600	2300	1700	1400	1200	1000

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK;  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING q	INCUBATION		INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK															
	EXC.	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00				
6200	.90	.90	3800	3500	3400	3200	3100	2800	2600	2500	2100	1800	1600	1500				
			3800	3400	3400	3000	2900	2700	2500	2500	1900	1600	1500	1300				
			3500	3200	3100	2700	2600	2300	2200	2000	1500	1200	1000	900				
			4400	4400	4400	3700	3200	3100	2900	2700	2300	1900	1800	1600				
			3800	3800	3800	3700	3000	2800	2700	2500	2000	1700	1500	1400				
			3500	3200	3200	2900	2500	2500	2300	2200	1600	1300	1100	900				
			5000	5000	5000	4800	4500	3500	3300	3200	3200	2400	2100	1900	1800			
			4400	4400	4400	4200	3900	3400	2900	2800	2300	2300	1800	1600	1500			
			4000	3200	3200	3200	2800	2700	2600	2400	1800	1400	1200	1100	1100			
			3800	3500	3400	3300	3100	2900	2700	2500	2000	1700	1500	1400	1400			
6300	.50	.90	3800	3400	3400	3100	2900	2700	2500	2500	1900	1700	1500	1400				
			3800	3400	3400	3000	2900	2700	2500	2300	1600	1300	1100	900				
			3500	3200	3200	2800	2600	2300	2300	2100	1600	1300	1100	900				
			4500	4400	4400	4300	3300	3100	2900	2800	2300	2000	1800	1600				
			4300	3800	3800	3700	3100	2900	2700	2500	2000	1700	1500	1400				
			4000	3200	3200	2900	2600	2500	2300	2200	1600	1300	1200	1000				
			5000	5000	5000	4900	4500	3500	3300	3200	3200	2500	2100	1900	1800			
			4700	4400	4400	4300	3900	3400	3000	2900	2900	2400	1900	1700	1500			
			4400	3200	3200	3200	2900	2700	2600	2500	1800	1400	1300	1100	1100			
			4300	3600	3400	3400	3100	3000	2800	2600	2600	2200	1900	1700	1600			
6400	.90	.50	4300	3500	3400	3200	2900	2800	2600	2500	2000	1700	1500	1400				
			4300	3500	3400	3200	2900	2800	2600	2500	2000	1700	1500	1400				
			4000	3200	3200	2900	2600	2400	2300	2100	1600	1300	1100	900				
			4500	4500	4400	4300	3400	3100	3000	2800	2800	2300	2000	1800				
			4300	3900	3800	3700	3100	2900	2800	2600	2100	1700	1500	1400				
			4000	3200	3200	3000	2700	2600	2400	2300	1700	1400	1200	1000				
			5000	5000	5000	4900	4500	3500	3300	3200	3200	2500	2100	1900	1800			
			4400	4400	4400	4300	3900	3400	3000	2900	2900	2400	1900	1700	1500			
			4000	3200	3200	3200	2900	2700	2600	2500	1800	1400	1300	1100	1100			
			4300	3600	3400	3400	3100	3000	2800	2600	2600	2200	1900	1700	1600			
6500	.90	.10	4400	3200	3200	3200	3000	2700	2600	2400	1700	1400	1200	1000				
			4400	3200	3200	3200	3000	2700	2600	2400	1700	1400	1200	1000				
			4000	3200	3200	3200	3000	2700	2600	2400	1700	1400	1200	1000				
			4400	4400	4400	4300	3900	3400	3000	2900	2900	2400	1900	1700				
			4000	3200	3200	3200	3000	2700	2600	2400	1700	1400	1200	1000				
			4300	3800	3400	3400	3100	3000	2800	2600	2100	1700	1500	1400				
			4000	3200	3200	3000	2700	2600	2400	2300	1700	1400	1200	1000				
			5000	5000	5000	4900	4500	3500	3300	3200	3200	2500	2100	1900	1800			
			4400	4400	4400	4300	3900	3400	3000	2900	2900	2400	1900	1700	1500			
			4000	3200	3200	3200	2900	2700	2600	2500	1800	1400	1300	1100	1100			
6600	.50	.90	4800	4500	4400	4400	3400	3200	3100	2900	2400	2000	1800	1700				
			4800	4500	4400	4400	3400	3200	3100	2900	2400	2000	1800	1700				
			4700	3900	3800	3800	3200	2900	2800	2700	2100	1800	1600	1500				
			4400	3200	3200	3000	2700	2600	2500	2300	1700	1400	1200	1000				
			5100	5000	5000	4900	4500	3600	3300	3200	3200	2600	2200	1900	1800			
			4700	4400	4400	4300	3900	3400	3000	2900	2900	2400	1900	1700	1500			
			4000	3200	3200	3200	2900	2700	2600	2500	1800	1400	1300	1100	1100			
			4300	3600	3400	3400	3100	3000	2800	2600	2600	2200	1900	1700	1600			
			4400	4400	4400	4300	3900	3400	3000	2900	2900	2400	1900	1700	1500			
			4000	3200	3200	3200	2900	2700	2600	2500	1800	1400	1300	1100	1100			

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4400	4400	4300	3400	3200	3100	2900	2800	2300	2000	1800	1600
	.50	4300	3800	3700	3400	3000	2900	2700	2600	2100	1700	1600	1500
	.10	4000	3200	3200	3000	2700	2600	2400	2300	1700	1400	1200	1000
	.90	4900	4500	4400	4400	3400	3200	3100	3000	2400	2000	1800	1700
	.50	4300	3900	3800	3800	3200	3000	2900	2700	2300	1800	1600	1500
	.10	4000	3200	3200	3000	2800	2600	2500	2300	1700	1400	1200	1100
	.90	5100	5000	5000	4900	4500	3500	3300	3200	2600	2200	2000	1800
	.50	4700	4400	4400	4300	3900	3400	3100	2900	2500	1900	1700	1600
	.10	4400	3500	3200	3200	3100	2700	2700	2600	2000	1500	1300	1200
6700	.90	4800	4400	4400	3500	3300	3100	3000	2800	2300	2000	1800	1700
	.50	4700	3800	3800	3500	3100	2900	2800	2700	2100	1800	1600	1500
	.10	4400	3200	3200	3000	2700	2600	2500	2300	1700	1400	1200	1000
	.90	4900	4900	4500	4400	3400	3300	3200	3100	2400	2100	1900	1800
	.50	4700	4300	3900	3800	3400	3000	2900	2800	2400	1800	1700	1500
	.10	4400	3300	3200	3100	2800	2700	2600	2400	1800	1400	1300	1100
	.90	5100	5100	5000	5000	4500	3600	3300	3200	2700	2200	2000	1800
	.50	4700	4500	4400	4400	3900	3400	3100	3000	2500	1900	1700	1600
	.10	4400	3500	3200	3200	3100	2800	2700	2600	2000	1600	1300	1200
6800	.90	4400	4400	4400	4200	3400	3100	3000	2900	2400	2000	1800	1700
	.50	4300	3800	3800	3700	3200	3000	2900	2700	2200	1800	1600	1500
	.10	4000	3300	3200	3100	2800	2600	2500	2300	1700	1400	1200	1100
	.90	5000	4900	4800	4500	3900	3400	3200	3100	2500	2100	1900	1800
	.50	4700	4300	4300	3900	3700	3100	3000	2900	2400	1900	1700	1600
	.10	4400	3500	3200	3200	2900	2700	2600	2500	1900	1500	1300	1200
	.90	5100	5100	5000	5000	4500	3700	3400	3200	2800	2300	2000	1900
	.50	4700	4500	4400	4400	3900	3400	3100	3000	2500	2000	1800	1600
	.10	4400	3500	3200	3200	3100	2800	2700	2600	2100	1600	1400	1200
6900	.90	4800	4400	4400	4300	3400	3200	3100	3000	2400	2000	1800	1700
	.50	4700	3800	3800	3700	3200	3000	2900	2800	2300	1800	1600	1500
	.10	4400	3500	3200	3100	2800	2600	2600	2600	2100	1600	1400	1200
	.90	5000	5000	4900	4600	4400	3400	3300	3200	2600	2200	1900	1800
	.50	4700	4400	4300	4000	3800	3200	3000	2900	2500	1900	1700	1600
	.10	4400	3500	3200	3100	2800	2600	2600	2600	2100	1600	1300	1100
	.90	5000	5000	4900	4600	4400	3400	3300	3200	2600	2200	1900	1800
	.50	4700	4400	4300	4000	3800	3200	3000	2900	2500	1900	1700	1600
	.10	4400	3500	3200	3200	3000	2700	2700	2600	2000	1500	1300	1200
	.90	5700	5700	5700	5000	4500	4000	3500	3300	2800	2300	2000	1900
	.50	5100	5100	5100	4400	3900	3600	3200	3100	2600	2000	1800	1700
	.10	4400	3900	3900	3300	3200	2900	2700	2700	2200	1600	1400	1200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
7000	.90		4800	4500	4400	4300	3400	3200	3100	3000	2400	2100	1900	1800
	.50		4700	3900	3800	3800	3200	3000	2900	2800	2300	1800	1700	1500
	.10		4400	3500	3200	3200	2800	2700	2600	2500	1900	1500	1300	1100
	.90	.50	5000	5000	4900	4600	4500	3500	3300	3200	2700	2200	2000	1800
	.50		4700	4400	4300	4100	3900	3400	3100	3000	2500	1900	1700	1600
	.10		4400	3500	3200	3200	3000	2800	2700	2600	2000	1600	1300	1200
	.90	.10	5800	5800	5700	5700	5000	4400	3800	3400	2900	2400	2100	1900
	.50		5200	5200	5100	5100	4400	3800	3500	3200	2700	2100	1800	1700
	.10		4400	4000	4000	3900	3200	3100	2800	2700	2300	1700	1400	1300

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	700	700	500	400	400	200	200	100	0	0	0	0
	.50	600	600	400	300	300	100	100	0	0	0	0	0
	.10	400	400	100	100	0	0	0	0	0	0	0	0
	.90	800	700	600	500	400	300	200	200	100	0	0	0
	.50	700	600	500	400	300	200	100	100	0	0	0	0
	.10	400	400	300	100	100	0	0	0	0	0	0	0
	.90	900	900	800	800	600	400	400	300	100	0	0	0
	.50	800	800	700	700	400	300	200	100	0	0	0	0
	.10	600	600	500	400	100	100	0	0	0	0	0	0
1500	.90	700	700	600	500	400	300	200	200	0	0	0	0
	.50	600	600	500	400	300	200	100	100	0	0	0	0
	.10	400	400	300	100	100	0	0	0	0	0	0	0
	.90	800	800	700	600	400	400	300	200	100	0	0	0
	.50	700	700	600	500	300	300	200	100	0	0	0	0
	.10	500	500	400	300	100	0	0	0	0	0	0	0
	.90	900	900	800	800	600	400	400	300	100	0	0	0
	.50	800	800	700	700	500	300	300	200	0	0	0	0
	.10	600	600	500	500	300	100	0	0	0	0	0	0
1600	.90	800	800	700	600	400	400	200	200	100	0	0	0
	.50	700	700	600	500	300	300	100	100	0	0	0	0
	.10	500	500	400	300	100	0	0	0	0	0	0	0
	.90	900	900	800	800	600	400	400	300	100	0	0	0
	.50	800	800	700	700	500	300	300	200	0	0	0	0
	.10	600	600	500	500	300	100	0	0	0	0	0	0
	.90	800	800	700	600	400	400	200	200	100	0	0	0
	.50	700	700	600	500	300	300	100	100	0	0	0	0
	.10	500	500	400	300	100	0	0	0	0	0	0	0
	.90	900	900	800	800	600	400	400	300	100	0	0	0
	.50	800	800	700	700	500	300	300	200	0	0	0	0
	.10	600	600	500	400	100	100	0	0	0	0	0	0
1700	.90	1100	900	900	800	700	500	400	400	200	0	0	0
	.50	1000	800	800	700	600	400	300	200	0	0	0	0
	.10	700	600	600	500	400	100	0	0	0	0	0	0
	.90	900	900	800	700	500	400	300	200	100	0	0	0
	.50	800	800	700	600	400	300	200	100	0	0	0	0
	.10	600	600	500	400	100	0	0	0	0	0	0	0
	.90	900	900	800	800	600	400	400	300	100	0	0	0
	.50	800	800	700	700	500	300	200	100	0	0	0	0
	.10	600	600	500	500	300	100	0	0	0	0	0	0
	.90	1200	1100	1000	900	800	600	500	400	200	0	0	0
	.50	1100	1000	800	800	700	500	300	300	100	0	0	0
	.10	800	700	600	600	500	200	100	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	.90	900	800	800	600	400	400	300	100	0	0	0
	.50	.50	800	700	500	500	300	300	200	0	0	0	0
	.10	.10	600	500	300	300	100	0	0	0	0	0	0
	.90	.90	1100	900	800	700	500	400	300	100	0	0	0
	.50	.50	1000	800	700	500	400	300	200	0	0	0	0
	.10	.10	700	600	500	400	100	0	0	0	0	0	0
	.90	.90	1200	1100	1100	900	800	500	500	200	0	0	0
	.50	.50	1100	1000	1000	800	600	400	300	100	0	0	0
	.10	.10	800	800	700	600	300	100	0	0	0	0	0
1900	.90	.90	900	900	800	700	400	400	300	100	0	0	0
	.50	.50	800	800	700	500	300	300	200	0	0	0	0
	.10	.10	600	600	500	400	100	0	0	0	0	0	0
	.90	.90	1200	1100	900	800	500	400	400	200	0	0	0
	.50	.50	1100	1000	800	700	400	300	300	100	0	0	0
	.10	.10	800	700	600	500	200	100	0	0	0	0	0
	.90	.90	1200	1200	1100	900	800	600	500	200	0	0	0
	.50	.50	1100	1100	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	400	200	100	0	0	0	0
2000	.90	.90	1100	1000	900	800	500	400	400	100	0	0	0
	.50	.50	1000	900	800	700	400	300	200	0	0	0	0
	.10	.10	700	700	600	400	100	100	0	0	0	0	0
	.90	.90	1200	1200	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	400	200	100	0	0	0	0
	.90	.90	1100	1000	900	800	500	400	400	100	0	0	0
	.50	.50	1000	900	800	700	400	300	200	0	0	0	0
	.10	.10	700	700	600	400	100	100	0	0	0	0	0
	.90	.90	1200	1100	1100	900	700	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	600	400	300	100	0	0	0
	.10	.10	800	800	800	600	300	100	100	0	0	0	0
	.90	.90	1400	1300	1200	1000	900	800	600	300	100	0	0
	.50	.50	1300	1200	1100	900	700	500	400	100	0	0	0
	.10	.10	1000	900	800	700	500	300	100	0	0	0	0
	.90	.90	1200	1100	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	600	400	300	100	0	0	0
	.10	.10	800	800	800	500	300	100	100	0	0	0	0
	.90	.90	1200	1200	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	300	100	100	0	0	0	0
	.90	.90	1200	1100	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	300	100	100	0	0	0	0
	.90	.90	1200	1200	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	300	100	100	0	0	0	0
	.90	.90	1200	1200	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	300	100	100	0	0	0	0
	.90	.90	1200	1200	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	300	100	100	0	0	0	0
	.90	.90	1200	1200	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	300	100	100	0	0	0	0
	.90	.90	1200	1200	1100	900	800	500	400	200	0	0	0
	.50	.50	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	.10	800	800	800	500	300	100	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
2200	.90	1200	1100	1100	1100	900	700	500	400	200	0	0	0
	.50	1100	1000	1000	1000	800	600	400	300	100	0	0	0
	.10	800	800	800	700	600	400	100	100	0	0	0	0
	.90	1400	1300	1200	1100	1000	800	700	500	200	0	0	0
	.50	1300	1200	1100	1000	900	700	500	400	100	0	0	0
	.10	1000	900	800	800	700	500	300	100	0	0	0	0
	.90	1700	1400	1200	1200	1100	900	900	800	400	100	0	0
	.50	1500	1300	1100	1100	1000	800	700	600	200	0	0	0
	.10	1200	1000	900	800	700	600	400	300	0	0	0	0
2300	.90	1200	1200	1100	1100	900	800	600	500	200	0	0	0
	.50	1100	1100	1000	1000	800	700	500	400	100	0	0	0
	.10	900	800	800	800	600	500	200	100	0	0	0	0
	.90	1600	1300	1200	1100	1100	900	800	600	300	100	0	0
	.50	1500	1200	1100	1000	1000	800	600	500	200	0	0	0
	.10	1200	900	800	800	700	500	400	200	0	0	0	0
	.90	1700	1600	1200	1200	1100	1000	900	800	400	200	0	0
	.50	1500	1500	1100	1100	1000	800	700	600	300	0	0	0
	.10	1200	1200	900	800	800	600	500	300	0	0	0	0
2400	.90	1400	1300	1200	1100	1000	800	700	500	200	0	0	0
	.50	1300	1200	1100	1000	900	700	600	400	100	0	0	0
	.10	1000	900	800	800	700	500	400	100	0	0	0	0
	.90	1600	1400	1200	1200	1100	900	800	700	300	100	0	0
	.50	1500	1300	1100	1100	1000	800	700	500	200	0	0	0
	.10	1200	1000	900	800	700	600	400	300	0	0	0	0
	.90	1700	1600	1400	1200	1200	1000	900	900	500	200	0	0
	.50	1500	1500	1300	1100	1000	900	800	700	300	100	0	0
	.10	1200	1200	1000	900	800	700	500	400	0	0	0	0
2500	.90	1600	1300	1200	1200	1100	900	800	600	300	100	0	0
	.50	1500	1200	1100	1100	1000	800	700	500	200	0	0	0
	.10	1200	900	800	800	700	600	400	200	0	0	0	0
	.90	1600	1600	1200	1200	1100	900	800	800	400	100	0	0
	.50	1500	1500	1100	1100	1000	800	700	600	200	0	0	0
	.10	1200	1200	900	800	800	600	500	300	0	0	0	0
	.90	1700	1600	1500	1300	1200	1100	1000	900	500	200	100	0
	.50	1500	1500	1300	1100	1100	900	800	700	300	100	0	0
	.10	1200	1200	1100	900	800	700	600	500	0	0	0	0
	.90	1700	1600	1500	1300	1200	1100	1000	900	500	200	100	0
	.50	1500	1500	1300	1100	1100	900	800	700	300	100	0	0
	.10	1200	1200	1100	900	800	700	600	500	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- APRIL

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2600	.90	1600	1500	1200	1200	1100	900	800	700	300	100	0	0
	.50	1500	1400	1100	1100	1000	800	700	600	200	0	0	0
	.10	1200	1200	800	800	800	600	500	300	0	0	0	0
	.90	1600	1600	1400	1200	1100	1000	900	800	400	200	0	0
	.50	1500	1500	1300	1100	1000	900	800	700	300	0	0	0
	.10	1200	1200	1000	900	800	700	500	400	0	0	0	0
	.90	1800	1600	1500	1400	1200	1100	1000	900	600	300	100	0
	.50	1600	1500	1400	1200	1100	1000	800	800	400	100	0	0
	.10	1300	1200	1200	900	800	700	600	500	100	0	0	0
2700	.90	1600	1600	1300	1200	1100	900	800	800	400	100	0	0
	.50	1500	1500	1200	1100	1000	800	700	600	200	0	0	0
	.10	1200	1200	900	900	800	600	500	400	0	0	0	0
	.90	1600	1600	1400	1200	1200	1000	900	900	500	200	0	0
	.50	1500	1500	1300	1100	1100	900	800	700	300	100	0	0
	.10	1200	1200	1100	900	800	700	600	500	0	0	0	0
	.90	1800	1700	1500	1500	1200	1200	1100	1000	700	300	200	0
	.50	1600	1500	1400	1300	1100	1000	900	800	500	200	0	0
	.10	1400	1200	1200	1000	800	800	700	500	100	0	0	0
2800	.90	1600	1600	1400	1200	1200	1000	900	800	400	200	0	0
	.50	1500	1500	1300	1300	1100	1000	900	700	300	0	0	0
	.10	1200	1200	1000	900	800	700	600	400	0	0	0	0
	.90	1700	1600	1500	1300	1200	1100	1000	900	500	200	100	0
	.50	1600	1500	1400	1200	1100	1000	800	700	300	100	0	0
	.10	1300	1200	1200	900	800	700	600	500	100	0	0	0
	.90	2700	1800	1600	1500	1300	1200	1100	1000	700	400	200	100
	.50	2100	1500	1400	1300	1100	1100	1000	800	600	200	0	0
	.10	1400	1200	1200	1000	900	800	700	600	200	0	0	0
2900	.90	1600	1600	1500	1200	1200	1000	900	800	400	200	0	0
	.50	1500	1500	1400	1100	1100	900	800	700	300	100	0	0
	.10	1200	1200	1200	900	800	700	600	500	0	0	0	0
	.90	1700	1600	1500	1400	1200	1100	1000	900	600	300	100	0
	.50	1600	1500	1400	1300	1100	1000	800	800	400	200	0	0
	.10	1400	1200	1200	1000	900	800	700	600	200	0	0	0
	.90	2700	1800	1700	1600	1400	1200	1100	1000	800	400	200	100
	.50	2100	1500	1500	1400	1200	1100	1000	900	600	300	100	0
	.10	1400	1200	1200	1000	800	700	600	500	100	0	0	0
	.90	1700	1600	1500	1400	1200	1100	1000	900	600	300	100	0
	.50	1600	1500	1400	1300	1100	1000	800	800	400	200	0	0
	.10	1400	1200	1200	1000	800	800	600	500	100	0	0	0
	.90	2700	1800	1700	1600	1400	1200	1100	1100	800	400	200	100
	.50	2100	1500	1500	1400	1200	1100	1000	900	600	300	100	0
	.10	1400	1200	1200	1000	800	800	600	500	100	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK;  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1600	1500	1400	1200	1100	900	900	500	200	100	0
	.50	1600	1500	1400	1300	1100	1000	800	800	300	100	0	0
	.10	1400	1200	1200	1000	800	700	600	500	100	0	0	0
	.90	1700	1600	1500	1400	1200	1100	1000	900	600	300	100	0
	.50	1600	1500	1400	1300	1100	1000	900	800	500	200	0	0
	.10	1400	1200	1200	1000	900	800	700	600	100	0	0	0
	.90	2700	2100	1800	1600	1500	1300	1200	1100	800	500	300	200
	.50	2100	2000	1500	1500	1300	1100	1100	1000	600	300	100	0
	.10	1800	1600	1200	1200	900	800	800	700	300	0	0	0
3100	.90	1700	1600	1500	1400	1200	1100	1000	900	600	200	100	0
	.50	1600	1500	1400	1300	1100	1000	900	800	400	100	0	0
	.10	1400	1200	1200	1000	900	800	700	600	100	0	0	0
	.90	1800	1600	1500	1500	1300	1200	1100	1000	700	400	200	100
	.50	1700	1500	1400	1300	1100	1100	1000	800	600	200	0	0
	.10	1500	1200	1200	1100	900	800	700	600	200	0	0	0
	.90	2700	2200	1900	1800	1500	1400	1200	1200	900	600	300	200
	.50	2100	2100	1600	1500	1300	1200	1100	1000	700	300	100	0
	.10	1800	1700	1300	1200	1000	900	800	700	400	0	0	0
3200	.90	1800	1600	1500	1400	1200	1100	1000	900	600	300	100	0
	.50	1700	1500	1400	1300	1100	1000	900	800	500	200	0	0
	.10	1500	1200	1200	1000	900	800	700	600	100	0	0	0
	.90	2200	1900	1600	1500	1400	1200	1100	1000	800	400	200	100
	.50	2100	1800	1500	1400	1200	1100	1000	900	600	300	100	0
	.10	1800	1600	1200	1200	900	800	700	700	300	0	0	0
	.90	2700	2200	1900	1800	1600	1400	1300	1200	900	600	400	200
	.50	2100	2100	1800	1600	1400	1200	1100	1100	700	400	200	100
	.10	1800	1800	1500	1200	1000	900	800	800	500	0	0	0
	.90	2200	1900	1600	1500	1300	1200	1100	1000	700	300	200	0
	.50	2100	1800	1500	1400	1100	1100	1000	800	500	200	0	0
	.10	1800	1600	1200	1200	900	800	700	600	200	0	0	0
	.90	2200	2100	1700	1600	1400	1200	1200	1100	800	500	200	100
	.50	2100	2000	1600	1500	1300	1100	1100	1000	700	300	100	0
	.10	1800	1700	1300	1200	1000	800	800	700	400	0	0	0
	.90	2700	2200	1900	1900	1700	1500	1400	1200	900	700	400	300
	.50	2100	2100	1800	1600	1400	1300	1200	1100	800	500	200	100
	.10	1900	1800	1600	1300	1100	900	800	800	500	100	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2200	2100	1700	1500	1400	1200	1100	1000	800	400	200	100
	.50	2100	2000	1600	1400	1200	1100	1000	900	600	300	100	0
	.10	1800	1700	1300	1200	900	800	800	700	300	0	0	0
	.90	2200	2200	1900	1700	1500	1300	1200	1200	900	500	300	200
	.50	2100	2100	1700	1500	1300	1200	1100	1000	700	300	100	0
	.10	1800	1800	1500	1200	1000	900	800	700	400	0	0	0
	.90	2700	2200	1900	1900	1700	1500	1400	1300	1000	700	500	300
	.50	2100	2100	1800	1600	1500	1300	1200	1100	800	600	300	100
	.10	1900	1800	1600	1300	1200	1000	900	800	600	100	0	0
3500	.90	2200	2200	1800	1600	1400	1200	1200	1100	800	400	200	100
	.50	2100	2100	1700	1500	1300	1100	1100	1000	700	300	100	0
	.10	1800	1800	1500	1200	1000	800	800	700	400	0	0	0
	.90	2200	2200	1900	1800	1500	1400	1300	1200	900	600	400	200
	.50	2100	2100	1800	1600	1400	1200	1100	1100	700	400	200	100
	.10	1900	1800	1600	1300	1100	900	800	800	500	100	0	0
	.90	2700	2700	1900	1900	1800	1600	1500	1400	1100	800	500	400
	.50	2600	2100	1800	1700	1500	1400	1300	1200	900	600	300	200
	.10	2300	1800	1600	1500	1200	1000	900	900	600	200	0	0
	.90	2200	2200	1900	1600	1500	1300	1200	1100	900	500	300	200
	.50	2100	2100	1800	1500	1300	1200	1100	1000	700	300	100	0
	.10	1900	1800	1600	1200	1000	900	800	800	400	0	0	0
	.90	2200	2200	1900	1800	1600	1400	1300	1200	900	700	400	200
	.50	2100	2100	1800	1600	1400	1300	1200	1100	800	500	200	100
	.10	1900	1800	1600	1300	1200	900	900	800	500	100	0	0
	.90	2800	2700	2100	1900	1800	1700	1500	1400	1100	900	600	400
	.50	2600	2100	2000	1800	1600	1400	1300	1200	1000	700	400	200
	.10	2300	1800	1600	1500	1200	1000	1000	900	700	300	0	0
	.90	2200	2100	1900	1700	1500	1400	1200	1200	900	600	300	200
	.50	2100	2100	1800	1600	1400	1200	1100	1100	800	400	200	0
	.10	1900	1800	1600	1300	1200	900	800	800	500	100	0	0
	.90	2700	2200	1900	1900	1700	1500	1400	1300	1000	700	500	300
	.50	2600	2100	1800	1700	1500	1300	1200	1100	800	600	300	100
	.10	2300	1800	1600	1500	1200	1000	900	900	600	200	0	0
	.90	2800	2700	2200	2000	1800	1700	1500	1400	1200	900	600	400
	.50	2600	2200	2000	1800	1600	1400	1300	1200	1000	700	400	200
	.10	2300	1800	1600	1500	1200	1000	1000	900	700	300	0	0
	.90	2700	2200	1900	1900	1700	1500	1400	1300	1000	700	500	300
	.50	2600	2100	1800	1700	1500	1300	1200	1100	800	600	300	100
	.10	2300	1800	1600	1500	1200	1000	900	900	600	200	0	0
	.90	2800	2700	2200	2000	1900	1700	1600	1500	1200	900	700	500
	.50	2600	2200	2100	1800	1600	1400	1300	1200	1100	700	400	300
	.10	2300	1800	1600	1500	1200	1000	900	900	600	200	0	0
	.90	2800	2700	2200	2000	1900	1700	1600	1500	1200	900	700	500
	.50	2600	2200	2100	1800	1600	1400	1300	1200	1100	700	400	300
	.10	2300	1900	1700	1600	1300	1100	1000	900	700	400	100	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2700	2200	1900	1800	1500	1400	1300	1200	900	600	400	200
	.50	2600	2100	1800	1600	1400	1300	1200	1100	800	500	200	100
	.10	2300	1800	1600	1400	1200	900	900	800	500	100	0	0
	.90	2700	2700	2000	1900	1800	1500	1500	1400	1100	800	500	300
	.50	2600	2100	1900	1800	1500	1400	1300	1200	900	600	300	200
	.10	2300	1800	1600	1500	1200	1100	900	900	600	200	0	0
	.90	2800	2800	2200	2100	1900	1800	1700	1500	1200	900	700	500
	.50	2700	2600	2100	1900	1800	1600	1400	1400	1100	700	500	300
	.10	2400	2300	1700	1600	1400	1200	1100	1000	800	400	100	0
3900	.90	2700	2200	1900	1900	1700	1500	1400	1300	1000	700	400	200
	.50	2600	2100	1800	1800	1500	1300	1200	1100	800	500	300	100
	.10	2300	1800	1600	1500	1200	1000	900	900	600	200	0	0
	.90	2700	2700	2100	1900	1900	1700	1500	1400	1100	800	600	400
	.50	2600	2200	2000	1800	1500	1400	1300	1300	1000	700	400	200
	.10	2300	1900	1700	1600	1300	1100	1000	900	700	300	0	0
	.90	2900	2800	2400	2200	1900	1800	1700	1600	1300	1000	800	600
	.50	2700	2600	2100	2100	1800	1600	1500	1400	1100	800	600	400
	.10	2400	2300	1800	1600	1500	1200	1100	1000	800	500	200	0
4000	.90	2700	2300	2000	1900	1700	1500	1400	1400	1000	800	500	300
	.50	2600	2200	1900	1800	1600	1400	1300	1200	900	600	300	100
	.10	2300	1900	1700	1600	1300	1100	900	900	600	200	0	0
	.90	2800	2700	2200	1900	1900	1700	1500	1500	1200	900	700	500
	.50	2700	2600	2100	1800	1500	1500	1400	1300	1100	700	400	300
	.10	2400	2300	1700	1600	1300	1200	1100	1000	700	400	100	0
	.90	2900	2800	2700	2200	2000	1900	1800	1700	1400	1000	800	700
	.50	2700	2600	2200	2100	1900	1600	1500	1500	1200	800	600	400
	.10	2400	2300	1900	1700	1500	1300	1200	1100	800	500	200	0
4100	.90	2800	2700	2100	1900	1800	1600	1500	1400	1100	800	500	400
	.50	2700	2600	2000	1800	1600	1400	1300	1200	1000	700	400	200
	.10	2400	2300	1700	1600	1300	1100	1000	900	700	300	0	0
	.90	2800	2800	2200	2000	1900	1800	1600	1500	1200	900	700	500
	.50	2700	2600	2100	1900	1800	1600	1400	1400	1100	700	500	300
	.10	2400	2300	1800	1600	1500	1200	1100	1000	800	500	100	0
	.90	3100	2800	2700	2500	2100	1900	1800	1700	1400	1100	900	700
	.50	3000	2600	2400	2200	1900	1700	1600	1500	1200	900	700	500
	.10	2700	2300	2200	1800	1500	1300	1200	1100	900	600	300	100

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2800	2700	2200	1900	1900	1700	1500	1500	1200	900	600	400
	.50	2700	2600	2100	1800	1700	1500	1400	1300	1000	700	400	200
	.10	2400	2300	1800	1600	1400	1200	1100	1000	700	400	100	0
	.90	2800	2700	2300	2200	1900	1800	1700	1600	1200	900	800	600
	.50	2700	2600	2100	2000	1800	1600	1500	1400	1100	800	600	400
	.10	2400	2300	1900	1700	1500	1300	1200	1100	800	500	200	0
	.90	3100	2900	2800	2500	2200	1900	1900	1800	1500	1100	900	800
	.50	3000	2700	2400	2200	1900	1800	1600	1500	1200	900	700	500
	.10	2700	2400	2200	1800	1600	1400	1200	1200	900	600	400	100
4300	.90	2800	2700	2300	2100	1900	1700	1600	1500	1200	900	700	500
	.50	2700	2600	2100	2000	1800	1600	1400	1400	1100	700	500	300
	.10	2400	2300	1900	1700	1500	1200	1100	1000	800	500	100	0
	.90	3100	2700	2500	2200	2000	1900	1700	1700	1300	1000	800	600
	.50	3000	2600	2400	2100	1800	1600	1500	1500	1100	800	600	400
	.10	2700	2300	2200	1800	1600	1300	1200	1100	800	500	200	0
	.90	3100	3000	2800	2700	2200	2000	1900	1800	1500	1100	900	800
	.50	3000	2700	2400	2400	2100	1800	1600	1600	1300	1000	700	600
	.10	2700	2400	2200	1900	1600	1400	1300	1200	900	700	400	100
	.90	3100	2700	2500	2200	1900	1800	1700	1600	1200	900	700	500
	.50	3000	2600	2400	2100	1800	1600	1500	1400	1100	800	600	300
	.10	2700	2300	2200	1800	1600	1300	1200	1100	800	500	200	0
	.90	3100	2800	2500	2300	2000	1900	1800	1700	1400	1000	800	700
	.50	3000	2700	2400	2100	1900	1700	1600	1500	1200	800	700	400
	.10	2700	2400	2200	1800	1600	1300	1200	1200	900	600	300	100
	.90	3100	3000	2800	2700	2500	2000	1900	1900	1500	1200	1000	800
	.50	3000	2700	2400	2400	2200	1800	1700	1600	1300	1100	800	600
	.10	2700	2400	2200	2100	1700	1500	1300	1200	900	700	500	200
	.90	3100	2800	2500	2200	1900	1900	1700	1600	1300	1000	800	600
	.50	3000	2700	2400	2100	1800	1600	1500	1500	1100	800	600	400
	.10	2700	2400	2200	1800	1600	1300	1200	1100	800	500	200	0
	.90	3100	2800	2500	2400	2100	1900	1800	1700	1400	1100	900	700
	.50	3000	2700	2400	2200	1900	1700	1600	1500	1200	900	700	500
	.10	2700	2400	2200	1900	1600	1400	1300	1200	900	600	400	100
	.90	3100	3000	2800	2800	2500	2200	1900	1900	1600	1200	1000	900
	.50	3000	2700	2500	2400	2200	1900	1800	1600	1400	1100	800	700
	.10	2700	2400	2200	1900	1600	1400	1300	1200	900	600	400	100
	.90	3100	3000	2800	2800	2500	2200	1900	1900	1600	1200	1000	900
	.50	3000	2700	2500	2400	2200	1900	1800	1600	1400	1100	800	700
	.10	2700	2400	2200	1900	1600	1400	1300	1200	900	700	500	200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3100	2800	2500	2300	2000	1900	1800	1700	1400	1000	800	600
	.50	3000	2700	2400	2200	1900	1700	1600	1500	1200	800	700	400
	.10	2700	2400	2200	1900	1500	1400	1200	1200	900	600	300	100
	.90	3100	2800	2700	2500	2200	1900	1900	1800	1500	1100	900	800
	.50	3000	2700	2400	2300	2000	1800	1600	1600	1300	1000	700	500
	.10	2700	2400	2200	2100	1600	1400	1300	1200	900	700	400	100
	.90	3100	3000	2800	2800	2500	2200	2000	1900	1600	1300	1100	900
	.50	3000	2700	2500	2400	2200	1900	1800	1700	1400	1100	800	700
	.10	2700	2400	2200	2200	1800	1600	1400	1300	1000	700	500	300
4700	.90	3100	2800	2500	2500	2200	1900	1800	1700	1400	1100	800	700
	.50	3000	2700	2400	2300	1900	1700	1500	1500	1200	900	700	400
	.10	2700	2400	2200	2100	1600	1400	1300	1200	900	600	300	100
	.90	3100	2800	2700	2500	2200	2000	1900	1800	1500	1100	900	800
	.50	3000	2700	2400	2400	2100	1800	1600	1600	1300	1000	700	600
	.10	2700	2400	2200	2200	1700	1500	1300	1200	900	700	400	200
	.90	3500	3000	2800	2800	2600	2200	2000	1900	1700	1400	1100	900
	.50	3400	2700	2500	2400	2300	2100	1800	1700	1500	1200	900	700
	.10	3100	2400	2200	2200	1900	1600	1400	1300	1100	800	600	400
	.90	3100	2800	2500	2500	2200	1900	1800	1700	1400	1100	900	700
	.50	3000	2700	2400	2400	2100	1800	1600	1600	1300	900	700	500
	.10	2700	2400	2200	2200	1700	1500	1300	1200	900	600	400	100
	.90	3100	2800	2800	2600	2300	2000	1900	1800	1500	1200	1000	800
	.50	3000	2700	2500	2400	2200	1800	1700	1600	1300	1100	800	600
	.10	2700	2400	2200	2200	1800	1600	1300	1300	1000	700	500	200
	.90	3500	3000	2800	2800	2600	2300	2100	2000	1700	1400	1100	1000
	.50	3400	2700	2600	2400	2300	2100	1900	1800	1500	1200	1000	800
	.10	3100	2400	2300	2200	1900	1600	1500	1300	1100	800	600	400
	.90	3100	2800	2700	2500	2200	1900	1900	1800	1500	1100	900	800
	.50	3000	2700	2700	2500	2200	1900	1900	1800	1500	1100	700	600
	.10	2700	2400	2400	2400	2100	1800	1600	1600	1300	1000	700	400
	.90	3500	2800	2800	2700	2400	2200	1900	1900	1600	1200	1000	900
	.50	3400	2700	2500	2400	2200	1900	1800	1600	1400	1100	800	700
	.10	3100	2400	2200	2200	1900	1600	1400	1300	1000	700	500	300
	.90	3900	3100	2900	2800	2700	2400	2200	2000	1800	1500	1200	1000
	.50	3400	3000	2700	2500	2400	2200	1900	1800	1500	1200	1000	800
	.10	3100	2500	2400	2200	1900	1700	1500	1400	1100	800	700	500

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK;  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3100	2800	2700	2500	2200	2000	1900	1800	1500	1200	900	800
	.50	3000	2700	2400	2400	2100	1800	1700	1600	1300	1000	800	600
	.10	2700	2400	2200	2200	1800	1600	1400	1300	1000	700	500	200
	.90	3500	2900	2800	2700	2500	2200	2000	1900	1600	1300	1100	900
	.50	3400	2700	2600	2400	2200	1900	1800	1700	1400	1100	800	700
	.10	3100	2400	2300	2200	1900	1600	1400	1300	1100	800	600	300
	.90	4000	4000	3000	2900	2700	2500	2300	2100	1800	1500	1200	1100
	.50	3400	3400	2700	2600	2400	2100	1800	1600	1200	900	700	500
	.10	3100	2700	2400	2200	2100	1800	1600	1500	1200	900	700	500
5100	.90	3500	2800	2700	2500	2300	2000	1900	1900	1500	1200	1000	800
	.50	3400	2700	2600	2400	2200	1900	1800	1600	1400	1100	800	700
	.10	3100	2400	2300	2200	1900	1600	1400	1300	1000	700	500	200
	.90	3500	3000	2800	2800	2500	2200	2000	1900	1700	1400	1100	900
	.50	3400	2800	2700	2400	2300	2100	1800	1700	1500	1200	900	700
	.10	3100	2500	2400	2200	1900	1700	1500	1400	1100	800	600	400
	.90	4000	4000	3900	3000	2800	2500	2300	2200	1900	1600	1300	1100
	.50	3400	3400	3300	2700	2400	2300	2100	1900	1600	1300	1100	900
	.10	3100	3100	2400	2300	2200	1900	1600	1500	1200	900	700	600
5200	.90	3500	2900	2800	2700	2500	2200	1900	1900	1600	1200	1000	900
	.50	3400	2800	2700	2400	2200	1900	1800	1700	1400	1100	800	700
	.10	3100	2500	2400	2200	1900	1600	1500	1300	1100	800	500	300
	.90	3500	3100	2800	2800	2500	2300	2100	2000	1700	1400	1100	1000
	.50	3400	3000	2700	2500	2400	2200	1900	1800	1500	1200	1000	800
	.10	3100	2700	2400	2200	1900	1700	1600	1400	1100	800	700	400
5300	.90	4000	4000	4000	3400	2800	2600	2400	2300	1900	1600	1400	1200
	.50	3400	3400	3400	3300	2500	2300	2200	2100	1600	1400	1200	1000
	.10	3100	3100	2400	2400	2200	1900	1700	1600	1200	1000	800	600
	.90	3500	3100	2800	2800	2500	2200	2000	1900	1600	1300	1100	900
	.50	3400	3000	2700	2400	2300	2100	1800	1800	1500	1100	900	700
	.10	3100	2700	2400	2200	1900	1700	1500	1400	1100	800	600	400
	.90	3500	3400	2800	2800	2600	2300	2200	2000	1800	1500	1200	1000
	.50	3400	3300	2700	2500	2400	2200	1900	1800	1500	1300	1100	800
	.10	3100	3100	2400	2200	2100	1800	1600	1500	1200	900	700	500
	.90	4000	4000	4000	3400	2800	2600	2500	2300	1900	1600	1500	1200
	.50	3400	3400	4000	3300	2800	2600	2400	2200	1800	1500	1200	1000
	.10	3100	3100	2400	2200	2100	1800	1600	1500	1200	900	700	500
	.90	4000	4000	4000	3400	2800	2600	2500	2300	1900	1600	1500	1200
	.50	3400	3400	3400	3300	2800	2600	2400	2200	1800	1500	1200	1000
	.10	3100	3100	2400	2200	2100	1800	1600	1500	1200	900	700	500
	.90	4000	4000	4000	3400	2800	2600	2500	2300	1900	1600	1500	1200
	.50	3400	3400	3400	3300	2800	2600	2400	2200	1800	1500	1200	1000
	.10	3100	3100	2400	2200	2100	1800	1600	1500	1200	900	700	500
	.90	4000	4000	4000	3400	2800	2600	2500	2300	1900	1600	1500	1200
	.50	3400	3400	3400	3300	2800	2600	2400	2200	1800	1500	1200	1000
	.10	3100	3100	2400	2200	2100	1800	1600	1500	1200	900	700	500
	.90	4000	4000	4000	3400	2800	2600	2500	2300	1900	1600	1500	1200
	.50	3400	3400	3400	3300	2800	2600	2400	2200	1800	1500	1200	1000
	.10	3100	3100	2400	2200	2100	1800	1600	1500	1200	900	700	500

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3500	3400	2800	2800	2500	2300	2100	1900	1700	1400	1100	900
	.50	3400	3300	2700	2500	2400	2200	1900	1800	1500	1200	1000	700
	.10	3100	3100	2400	2200	2100	1800	1600	1500	1100	800	600	400
	.90	3500	3400	2900	2800	2700	2500	2300	2100	1800	1500	1200	1100
	.50	3400	3300	2700	2700	2400	2200	2100	1900	1600	1300	1100	800
	.10	3100	3100	2400	2400	2200	1900	1600	1600	1200	900	700	500
	.90	4100	4000	4000	3900	2900	2800	2500	2400	1900	1700	1500	1300
	.50	3500	3400	3400	3300	2700	2400	2300	2200	1700	1400	1300	1100
	.10	3300	3100	2600	2400	2300	2100	1900	1700	1300	1000	800	700
5500	.90	3500	3400	2800	2800	2500	2300	2200	2000	1700	1400	1200	1000
	.50	3400	3300	2700	2600	2400	2200	1900	1800	1500	1200	1000	800
	.10	3100	3100	2400	2300	2200	1900	1600	1500	1200	900	700	500
	.90	3500	3400	3000	2800	2800	2500	2300	2200	1900	1500	1300	1100
	.50	3400	3300	2800	2700	2400	2300	2200	2000	1600	1300	1100	900
	.10	3100	3100	2500	2400	2200	1900	1700	1600	1200	1000	800	600
	.90	4100	4100	4000	3900	3000	2800	2600	2500	2000	1700	1500	1400
	.50	3500	3500	3400	3300	2700	2400	2300	2200	1800	1500	1300	1100
	.10	3300	3100	2700	2500	2300	2200	1900	1800	1300	1100	900	700
5600	.90	3500	3400	2900	2800	2600	2400	2200	2100	1800	1500	1200	1000
	.50	3400	3300	2700	2700	2400	2200	2100	1900	1600	1300	1100	800
	.10	3100	3100	2400	2400	2200	1900	1700	1600	1200	900	700	500
	.90	3600	3400	3000	2900	2800	2500	2400	2300	1900	1600	1400	1200
	.50	3500	3300	2900	2700	2400	2300	2200	2100	1600	1400	1200	1000
	.10	3300	3100	2600	2400	2200	1900	1800	1600	1300	1000	800	600
	.90	4100	4100	4000	4000	3000	2800	2700	2500	2000	1700	1600	1400
	.50	3500	3500	3400	3400	2800	2400	2400	2300	1800	1500	1300	1200
	.10	3300	3100	2900	2600	2400	2200	2000	1900	1400	1100	900	700
5700	.90	3600	3400	3000	2800	2700	2500	2300	2200	1800	1500	1200	1100
	.50	3500	3300	2800	2800	2400	2200	2200	2000	1600	1300	1100	900
	.10	3300	3100	2800	2700	2400	2200	2000	1900	1400	1100	900	700
	.90	3600	3400	3000	2800	2700	2500	2300	2200	1800	1500	1200	1100
	.50	3500	3300	2800	2800	2400	2200	2200	2000	1600	1300	1100	900
	.10	3300	3100	2500	2400	2200	1900	1800	1600	1200	900	700	600
	.90	3600	3400	3100	3000	2800	2600	2500	2300	1900	1600	1500	1200
	.50	3500	3300	3000	2800	2500	2400	2300	2200	1700	1400	1200	1100
	.10	3300	3100	2700	2500	2200	2100	1900	1700	1300	1000	800	700
	.90	4500	4100	4000	4000	3000	2800	2800	2600	2100	1800	1600	1500
	.50	3900	3500	3400	3400	2900	2500	2400	2300	1900	1600	1300	1200
	.10	3300	3100	2900	2600	2400	2200	2100	1900	1400	1100	900	800

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5800	.90	.90	3600	3400	3100	2900	2900	2500	2400	2300	1900	1600	1400	1100
	.50	.50	3500	3300	3000	2800	2500	2400	2200	2100	1600	1400	1200	900
	.10	.10	3300	3100	2700	2500	2200	2000	1900	1700	1300	1000	800	600
	.90	.90	3900	3400	3200	3000	2800	2600	2500	2400	1900	1700	1500	1300
	.50	.50	3500	3300	3100	2900	2700	2400	2300	2200	1700	1400	1300	1100
	.10	.10	3300	3100	2900	2600	2400	2200	1900	1800	1300	1100	900	700
	.90	.90	4500	4500	4100	4000	2900	2800	2700	2200	1800	1600	1400	1300
	.50	.50	3900	3900	3500	3400	2600	2400	2400	1900	1600	1400	1000	800
	.10	.10	3300	3100	3000	2800	2500	2300	2000	2000	1500	1200	1000	800
5900	.90	.90	3600	3400	3200	3000	2800	2500	2500	2300	1900	1600	1400	1200
	.50	.50	3500	3300	3100	2800	2400	2300	2200	2200	1600	1400	1200	1000
	.10	.10	3300	3100	2800	2500	2100	1900	1800	1800	1300	1000	800	700
	.90	.90	4000	4000	3400	3100	2900	2700	2500	1900	1700	1500	1400	1400
	.50	.50	3500	3400	3300	3000	2400	2400	2400	1800	1500	1300	1200	1200
	.10	.10	3300	3100	2900	2600	2200	2000	2000	1400	1100	900	900	700
	.90	.90	4600	4500	4400	4100	3000	2900	2900	2800	2300	1900	1700	1500
	.50	.50	4000	3900	3800	3500	2800	2800	2500	2400	2000	1600	1400	1300
	.10	.10	3400	3100	3000	2800	2300	2200	2100	2100	1500	1200	1000	800
6000	.90	.90	3600	3400	3200	3000	2800	2600	2500	2400	1900	1600	1500	1200
	.50	.50	3500	3300	3100	2900	2400	2400	2400	2200	1700	1400	1300	1100
	.10	.10	3300	3100	2900	2600	2200	2000	2000	1900	1300	1100	900	700
	.90	.90	4000	4000	3900	3400	3000	2800	2600	2500	2000	1700	1600	1400
	.50	.50	3600	3400	3300	3300	2800	2500	2400	2300	1800	1500	1300	1200
	.10	.10	3300	3100	3000	2600	2200	2100	1900	1900	1400	1100	900	700
	.90	.90	4600	4600	4500	4200	4000	3100	2900	2800	2300	1900	1700	1600
	.50	.50	4000	4000	3900	3600	3400	2900	2700	2500	2100	1600	1400	1300
	.10	.10	3400	3100	3100	2900	2500	2400	2300	2200	1500	1300	1100	900
6100	.90	.90	3700	3400	3200	3000	2800	2600	2500	2400	1900	1700	1500	1300
	.50	.50	3600	3300	3100	2900	2700	2400	2400	2200	1700	1500	1300	1100
	.10	.10	3300	3100	2900	2600	2400	2200	2000	1900	1400	1100	900	700
	.90	.90	4000	4000	3900	3600	3000	2800	2600	2500	2000	1700	1600	1400
	.50	.50	3600	3400	3400	3400	2800	2500	2400	2300	1800	1500	1400	1200
	.10	.10	3400	3100	3000	2700	2500	2200	2200	2000	1400	1200	1000	800
	.90	.90	4600	4600	4500	4200	4100	3200	3000	2900	2300	1900	1700	1600
	.50	.50	4200	4000	3900	3600	3500	3100	2800	2500	2100	1700	1500	1300
	.10	.10	3900	3100	3100	2700	2500	2200	2200	2000	1400	1200	1100	900

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
SPAWNING MONTH - SEPTEMBER  
INCUBATION MONTH - APRIL

SPAWNING INCUBATION		PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:																									
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00														
EXC.		INCUBATION MONTH - APRIL																									
6200	.90	3800	3400	3400	3000	2900	2700	2500	2500	2000	1700	1500	1400														
	.50	3700	3300	3300	2900	2800	2500	2300	2300	1800	1500	1300	1200														
	.10	3400	3100	3000	2600	2500	2200	2100	1900	1400	1100	900	700														
	.90	4000	4000	4000	3700	3000	2900	2700	2600	2200	1800	1600	1500														
	.50	3700	3400	3400	3300	2900	2700	2400	2400	1900	1600	1400	1300														
6300	.10	3400	3100	3100	2800	2500	2300	2200	2100	1500	1200	1000	800														
	.90	4600	4600	4600	4400	4100	3400	3000	2900	2400	1900	1800	1600														
	.50	4200	4000	4000	3800	3500	3100	2800	2600	2200	1700	1500	1400														
	.10	3900	3100	3100	2900	2700	2500	2400	2300	1600	1300	1100	900														
	.90	3800	3400	3400	3100	2900	2800	2600	2500	2000	1700	1600	1400														
6400	.50	3700	3300	3300	3000	2800	2500	2400	2300	1800	1500	1300	1200														
	.10	3400	3100	3100	2700	2500	2200	2200	2000	1400	1200	900	800														
	.90	4300	4000	4000	3900	3100	2900	2800	2600	2200	1800	1600	1500														
	.50	4200	3400	3400	3300	3000	2700	2500	2400	1900	1600	1400	1300														
	.10	3900	3100	3100	2800	2500	2300	2200	2100	1500	1200	1000	900														
6500	.90	4700	4600	4600	4500	4100	3400	3000	2900	2400	1900	1800	1600														
	.50	4600	4000	4000	3900	3500	3300	2900	2700	2200	1700	1500	1400														
	.10	4300	3100	3100	2900	2800	2500	2400	2300	1600	1300	1100	1000														
	.90	4300	3500	3400	3200	3000	2800	2600	2500	2100	1800	1600	1500														
	.50	4200	3300	3300	3100	2800	2600	2400	2400	1800	1600	1400	1300														
6600	.10	3900	3100	3100	2800	2500	2300	2200	2000	1500	1200	1000	800														
	.90	4300	4100	4000	3900	3100	2900	2800	2700	2300	1900	1700	1600														
	.50	4200	3500	3400	3400	3000	2800	2600	2400	2000	1600	1400	1300														
	.10	3900	3100	3100	2900	2600	2400	2200	2200	1500	1200	1100	900														
	.90	4600	4600	4600	4500	4100	3400	3000	2900	2500	2000	1800	1600														
6700	.50	4200	4000	4000	3900	3500	3300	2900	2800	2200	1800	1500	1400														
	.10	3900	3100	3100	2900	2800	2500	2400	2300	1700	1300	1200	1000														
	.90	4300	4000	4000	3400	3000	2900	2700	2600	2200	1800	1600	1500														
	.50	4200	3400	3300	3300	2900	2700	2500	2400	1900	1600	1400	1300														
	.10	3900	3100	3100	2900	2600	2400	2200	2100	1500	1200	1000	800														
6800	.90	4700	4100	4000	3900	3100	2900	2800	2700	2300	1900	1700	1600														
	.50	4600	4000	4000	3400	3000	2800	2600	2400	2000	1600	1400	1300														
	.10	3900	3100	3100	2900	2600	2400	2200	2200	1500	1200	1100	900														
	.90	4600	4600	4600	4500	4100	3400	3000	2900	2500	2000	1800	1600														
	.50	4200	4000	4000	3900	3500	3300	2900	2800	2200	1800	1500	1400														
6900	.10	3900	3100	3100	2900	2800	2500	2400	2300	1700	1300	1200	1000														
	.90	4300	4000	4000	3400	3000	2900	2700	2600	2200	1800	1600	1500														
	.50	4200	3400	3300	3300	2900	2700	2500	2400	1900	1600	1400	1300														
	.10	3900	3100	3100	2900	2600	2400	2200	2100	1500	1200	1000	800														
	.90	4600	4600	4600	4500	4100	3400	3000	2900	2500	2000	1800	1600														
7000	.50	4200	4000	4000	3900	3500	3300	2900	2800	2200	1800	1500	1400														
	.10	3900	3100	3100	2900	2600	2400	2200	2100	1500	1200	1000	800														
	.90	4300	4000	4000	3400	3000	2900	2700	2600	2200	1800	1600	1500														
	.50	4200	3400	3300	3300	2900	2700	2500	2400	1900	1600	1400	1300														
	.10	3900	3100	3100	2900	2600	2400	2200	2100	1500	1200	1000	800														

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6600	.90	4300	4000	3900	3400	3000	2900	2800	2600	2200	1800	1600	1500	
		4200	3400	3400	3300	2900	2900	2500	2400	2400	2000	1600	1400	1300
		3900	3100	3100	2900	2600	2500	2200	2200	2200	1500	1200	1100	900
		4500	4100	4000	4000	3200	3000	2900	2800	2800	2300	1900	1700	1600
		4200	3700	3400	3400	3100	2900	2800	2500	2500	2100	1700	1500	1400
		3900	3100	3100	2900	2700	2500	2400	2200	2200	1600	1300	1100	900
		4700	4600	4600	4500	4100	3400	3100	3000	3000	2500	2000	1800	1700
		4600	4100	4000	3900	3500	3000	3000	2800	2800	2300	1800	1600	1400
		4300	3400	3100	3100	2900	2600	2500	2300	2400	1900	1400	1200	1100
		4700	4000	4000	3500	3100	2900	2900	2700	2700	2300	1900	1700	1600
6700	.90	4600	3400	3400	3300	3000	2800	2700	2500	2000	1600	1500	1300	
		4300	3100	3100	2900	2600	2500	2300	2200	2200	1600	1300	1100	900
		4700	4500	4100	4000	3400	3000	2900	2900	2900	2400	1900	1800	1600
		4600	3900	3500	3400	3300	2900	2800	2600	2600	2200	1700	1500	1400
		4300	3200	3100	3000	2700	2500	2400	2300	2300	1600	1300	1100	1000
		4700	4700	4600	4600	4100	3500	3100	3000	3000	2600	2000	1900	1700
		4600	4100	4000	4000	3500	3000	3000	2900	2900	2300	1800	1600	1500
		4300	3400	3100	3100	2900	2700	2500	2500	2500	1900	1400	1200	1100
		4300	4000	4000	3900	3200	3000	2900	2800	2800	2300	1900	1700	1600
		4200	3500	3400	3400	3100	2900	2800	2800	2500	2100	1700	1500	1400
6800	.90	3900	3200	3100	3000	2700	2500	2400	2300	1600	1300	1100	1000	
		4700	4700	4600	4600	4100	3500	3100	3000	3000	2600	2000	1900	1700
		4600	4100	4000	4000	3500	3000	3000	2900	2900	2300	1800	1600	1500
		4300	3400	3100	3100	2900	2700	2500	2500	2500	1900	1400	1200	1100
		4300	4000	4000	3900	3200	3000	2900	2800	2800	2300	1900	1700	1600
		4200	3500	3400	3400	3100	2900	2800	2800	2500	2100	1700	1500	1400
		3900	3200	3100	3000	2700	2500	2400	2200	2200	1600	1300	1100	900
		4700	4500	4400	4100	3700	3000	3000	2900	2900	2500	2000	1800	1600
		4600	4000	3900	3500	3300	3000	2900	2800	2800	2200	1800	1500	1400
		4300	3400	3100	3100	2700	2600	2500	2400	2400	1700	1400	1200	1000
6900	.90	4700	4700	4600	4600	4100	3500	3100	3000	2600	2100	1900	1700	
		4600	4000	3900	3500	3300	3000	2900	2900	2800	2200	1800	1600	1500
		4300	3400	3100	3100	2700	2600	2500	2500	2400	1700	1400	1200	1000
		4700	4700	4600	4600	4100	3500	3100	3000	3000	2600	2100	1900	1700
		4600	4000	3900	3500	3300	3000	2900	2900	2900	2300	1900	1600	1500
		4300	3400	3100	3100	2900	2700	2600	2600	2500	1900	1500	1200	1100
		4700	4000	4000	3900	3200	3000	2900	2800	2800	2300	1900	1700	1600
		4600	3700	3400	3400	3100	2900	2800	2800	2600	2100	1700	1500	1400
		4300	3400	3100	3000	2700	2500	2400	2400	2300	1700	1300	1100	1000
		4700	4600	4500	4200	4000	4000	3000	3000	3000	2500	2000	1800	1700
6900	.50	4600	4000	3900	3600	3400	3100	2900	2800	2300	1800	1600	1400	
		4300	3400	3100	3100	2800	2600	2500	2500	2400	1900	1500	1200	1100
		4700	4600	4500	4200	4000	3400	3100	2900	2800	2300	1800	1600	1400
		4600	4000	3900	3600	3400	3100	2900	2800	2800	2300	1800	1600	1400
		4300	3400	3100	3100	2800	2600	2500	2500	2400	1900	1400	1200	1100
		5300	5300	5300	4600	4100	3700	3200	3200	3100	2700	2200	1900	1800
		4700	4700	4700	4000	3500	3000	3000	3000	3000	2400	1900	1700	1500
		4700	4700	4700	4000	3500	3000	2900	2800	2800	2300	1800	1600	1400
		4300	3600	3600	3100	2900	2700	2500	2500	2500	2000	1500	1300	1100
		4700	4700	4700	4000	3500	3000	2900	2800	2800	2300	1800	1600	1400
6900	.10	4300	3600	3600	3100	2900	2800	2600	2500	2000	1500	1300	1100	
		4600	4000	3900	3600	3400	3100	2900	2800	2800	2300	1800	1600	1400
		4300	3400	3100	3100	2800	2600	2500	2500	2400	1900	1400	1200	1100
		5300	5300	5300	4600	4100	3700	3200	3200	3100	2700	2200	1900	1800
		4700	4700	4700	4000	3500	3000	3000	3000	3000	2400	1900	1700	1500
		4700	4700	4700	4000	3500	3000	2900	2800	2800	2300	1800	1600	1400
		4300	3600	3600	3100	2900	2700	2500	2500	2500	2000	1500	1300	1100
		4700	4700	4700	4000	3500	3000	2900	2800	2800	2300	1800	1600	1400
		4300	3600	3600	3100	2900	2700	2500	2500	2500	2000	1500	1300	1100
		4700	4700	4700	4000	3500	3000	2900	2800	2800	2300	1800	1600	1400

PAGE 105

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOK:  
 SPawning MONTH - SEPTEMBER  
 INCUBATION MONTH - APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	4700	4100	4000	3200	3000	2900	2900	2400	1900	1800	1600
	.50	.50	4600	3700	3400	3100	2900	2800	2700	2200	1700	1500	1400
	.10	.10	4300	3400	3100	2700	2600	2500	2300	1700	1400	1200	1000
	.90	.90	4700	4600	4200	4100	3400	3100	3000	2600	2100	1800	1700
	.50	.50	4600	4000	3700	3500	3300	3000	2900	2300	1800	1600	1500
	.10	.10	4300	3400	3100	2800	2700	2600	2500	1900	1400	1200	1100
	.90	.90	5400	5400	5300	4600	4000	3500	3200	2800	2200	1900	1800
	.50	.50	4800	4800	4700	4000	3500	3300	3000	2500	2000	1700	1500
	.10	.10	4300	3700	3600	3100	2900	2700	2600	2100	1500	1300	1200

23.25.00.42LP, 6.805, MAPQ002, TH, 00

TABLE 2. GERGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	800	800	800	800	700	700	700	600	500	400	400	300
	.50	500	500	500	400	300	300	200	200	100	100	0	0
	.10	300	300	300	200	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	1000	1000	900	800	700	600	500	500	400
	.50	700	700	500	500	500	500	400	300	200	100	100	0
	.10	400	400	300	300	200	100	0	0	0	0	0	0
	.90	2600	2500	2000	2000	1800	1500	1400	1400	1100	1000	800	700
	.50	1100	1000	900	900	900	900	800	800	600	400	200	200
	.10	600	600	600	600	500	500	500	500	200	0	0	0
1500	.90	900	900	800	800	700	700	700	600	500	500	400	400
	.50	600	600	500	500	400	300	200	200	100	100	0	0
	.10	400	400	300	300	200	0	0	0	0	0	0	0
	.90	1200	1100	1000	1000	1000	1000	1000	900	700	600	500	400
	.50	700	700	700	700	600	500	500	500	200	100	100	0
	.10	500	500	500	500	400	200	100	100	0	0	0	0
	.90	2600	2500	2000	2000	1900	1600	1400	1400	1300	1000	900	800
	.50	1100	1000	900	900	900	900	900	900	700	500	300	200
	.10	700	700	700	700	600	500	500	500	400	100	0	0
1600	.90	1000	1000	1000	1000	1000	1000	900	800	600	500	500	400
	.50	700	700	700	700	600	500	500	400	200	100	100	0
	.10	500	500	500	500	400	200	100	0	0	0	0	0
	.90	1200	1200	1000	1000	1000	1000	1000	1000	700	600	500	500
	.50	700	700	700	700	700	500	500	500	200	200	100	0
	.10	500	500	500	500	400	300	100	0	0	0	0	0
	.90	2600	2500	2100	2000	1900	1600	1500	1500	1400	1100	1000	900
	.50	1200	1100	1100	1100	1000	1000	900	900	800	600	500	300
	.10	800	800	800	700	700	600	600	600	500	100	0	0
	.90	1000	1000	1000	1000	1000	1000	1000	900	700	600	500	400
	.50	700	700	700	700	700	500	500	500	200	100	100	0
	.10	500	500	500	500	400	300	100	0	0	0	0	0
	.90	1400	1200	1100	1100	1100	1000	1000	1000	800	700	500	500
	.50	700	700	700	700	700	600	600	500	300	200	100	100
	.10	500	500	500	500	400	400	200	100	0	0	0	0
	.90	2600	2500	2100	2000	1900	1600	1600	1600	1400	1300	1100	1000
	.50	1200	1200	1100	1100	1100	1100	1000	1000	900	600	500	400
	.10	800	800	800	800	700	400	200	200	100	0	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH -- OCTOBER INCUBATION MONTH -- NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1000	1000	1000	1000	1000	1000	1000	1000	700	600	500	400
	.50	700	700	700	700	700	600	500	500	200	200	100	0
	.10	500	500	500	500	400	400	200	100	0	0	0	0
	.90	1400	1300	1300	1100	1100	1100	1100	1000	900	700	600	500
	.50	800	800	800	800	700	700	600	600	400	200	100	100
	.10	600	600	600	600	500	400	400	200	100	0	0	0
	.90	3500	2600	2500	2100	1900	1800	1600	1600	1400	1300	1100	1000
	.50	2000	1300	1200	1200	1100	1100	1100	1100	900	700	600	500
	.10	900	900	800	800	800	700	700	700	500	300	100	0
1900	.90	1100	1100	1100	1100	1100	1000	1000	1000	800	600	500	500
	.50	800	800	800	800	700	700	600	600	400	200	100	100
	.10	600	600	600	600	500	400	400	200	0	0	0	0
	.90	1600	1600	1400	1400	1300	1200	1100	1100	1000	700	700	500
	.50	900	900	900	900	800	800	800	700	500	200	200	100
	.10	700	700	700	700	500	500	500	400	100	0	0	0
	.90	3500	3500	2600	2500	2000	1900	1600	1600	1500	1400	1200	1100
	.50	2000	2000	1300	1300	1200	1100	1100	1100	900	700	600	500
	.10	1000	900	900	900	800	700	700	700	500	400	100	0
2000	.90	1300	1300	1300	1200	1100	1100	1100	1100	900	700	600	500
	.50	900	900	900	900	800	700	700	600	500	200	100	100
	.10	700	700	700	700	500	500	500	400	100	0	0	0
	.90	1600	1600	1400	1400	1400	1400	1300	1300	1100	900	700	600
	.50	1000	1000	1000	900	900	900	900	800	600	300	200	100
	.10	800	800	800	700	700	600	500	500	200	0	0	0
	.90	3600	3500	2700	2600	2000	1900	1800	1700	1500	1400	1300	1100
	.50	2100	2000	1300	1300	1300	1200	1100	1100	1000	800	600	500
	.10	1100	1100	900	900	800	800	700	700	600	400	200	100
	.90	1400	1400	1400	1300	1300	1300	1100	1100	1000	700	600	500
	.50	1000	1000	1000	900	900	800	800	700	500	200	200	100
	.10	800	800	800	700	700	600	500	400	200	0	0	0
	.90	1600	1600	1500	1400	1400	1400	1400	1400	1100	1000	800	700
	.50	1000	1000	1000	1000	900	900	900	900	700	500	200	200
	.10	800	800	800	800	700	600	500	500	400	100	0	0
	.90	3600	3500	2800	2700	2000	1900	1900	1800	1600	1400	1300	1100
	.50	2100	2000	1400	1300	1300	1200	1200	1100	1000	900	700	600
	.10	1100	1100	1100	1000	900	800	800	700	600	500	200	100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1400	1400	1400	1400	1400	1400	1300	1300	1000	800	700	600
	.50	1000	1000	1000	1000	900	900	900	800	600	400	200	100
	.10	800	800	800	800	700	600	500	500	300	0	0	0
	.90	1600	1600	1600	1600	1500	1500	1400	1400	1300	1000	900	800
	.50	1100	1100	1100	1100	1000	1000	1000	900	800	600	400	200
	.10	800	800	800	800	700	700	600	600	500	200	0	0
	.90	3600	3500	2800	2700	2200	2000	1900	1900	1600	1400	1400	1200
	.50	2100	2000	1400	1400	1300	1300	1200	1200	1100	900	800	600
	.10	1200	1100	1100	1100	900	900	800	700	700	500	200	100
2300	.90	1400	1400	1400	1400	1400	1400	1400	1400	1100	1000	700	600
	.50	1000	1000	1000	1000	900	900	900	900	700	500	200	200
	.10	800	800	800	800	700	600	500	500	400	100	0	0
	.90	1600	1600	1600	1600	1500	1600	1500	1500	1400	1100	1000	900
	.50	1200	1200	1200	1200	1100	1100	1100	1000	900	600	500	300
	.10	1000	800	800	800	800	700	700	700	500	300	100	0
	.90	3600	3500	2900	2800	2600	2100	2000	1900	1700	1500	1400	1300
	.50	2100	2000	1500	1400	1400	1300	1300	1300	1100	1000	800	700
	.10	1200	1200	1100	1100	1000	900	800	800	700	500	400	100
	.90	1600	1600	1600	1600	1500	1500	1400	1400	1300	1000	900	700
	.50	1200	1100	1100	1100	1000	1000	1000	900	800	600	400	200
	.10	1000	800	800	800	700	700	600	600	500	200	0	0
	.90	1900	1800	1700	1600	1500	1600	1600	1500	1400	1200	1000	1000
	.50	1300	1300	1300	1200	1200	1100	1100	1100	900	700	500	400
	.10	1100	1100	900	800	800	700	700	700	500	400	100	0
	.90	3600	3500	3000	2900	2600	2200	2100	2000	1800	1600	1400	1300
	.50	2100	2000	1600	1500	1400	1400	1300	1300	1100	1000	900	700
	.10	1300	1300	1100	1100	1000	900	900	800	700	500	400	200
	.90	1600	1600	1600	1600	1600	1500	1500	1500	1400	1100	1000	900
	.50	1300	1300	1200	1200	1100	1100	1100	1000	900	600	500	300
	.10	1100	1100	800	800	800	700	700	700	500	300	100	0
	.90	2000	2000	1900	1800	1600	1600	1600	1500	1400	1300	1100	1000
	.50	1300	1300	1300	1300	1200	1100	1100	1100	900	700	600	500
	.10	1100	1100	1100	1000	800	800	700	700	600	400	200	0
	.90	3600	3500	3000	2900	2700	2200	2100	2100	1900	1600	1500	1400
	.50	2100	2000	1600	1500	1400	1400	1400	1300	1200	1100	900	800
	.10	1300	1300	1200	1100	1000	1000	900	900	700	500	400	200
2500	.90	1600	1600	1600	1600	1600	1500	1500	1500	1400	1100	1000	900
	.50	1300	1300	1200	1200	1100	1100	1100	1000	900	600	500	300
	.10	1100	1100	800	800	800	700	700	700	500	300	100	0
	.90	2000	2000	1900	1800	1600	1600	1600	1500	1400	1300	1100	1000
	.50	1300	1300	1300	1300	1200	1100	1100	1100	900	700	600	500
	.10	1100	1100	1100	1000	800	800	700	700	600	400	200	0
	.90	3600	3500	3000	2900	2700	2200	2100	2100	1900	1600	1500	1400
	.50	2100	2000	1600	1500	1400	1400	1400	1300	1200	1100	900	800
	.10	1300	1300	1200	1100	1000	1000	900	900	700	500	400	200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1800	1800	1600	1600	1500	1600	1500	1500	1400	1100	1000	900
	.50	1300	1300	1300	1300	1200	1100	1100	1100	900	700	500	400
	.10	1100	1100	1000	1000	800	800	700	700	500	400	100	0
	.90	2000	2000	1800	1800	1800	1600	1600	1600	1400	1300	1100	1000
	.50	1400	1300	1300	1300	1300	1200	1100	1100	900	800	600	500
	.10	1200	1100	1100	1100	900	800	700	700	600	400	200	100
	.90	3600	3500	3000	2900	2700	2300	2300	2200	1900	1700	1600	1400
	.50	2100	2100	2000	2000	2000	1500	1400	1400	1200	1100	1000	900
	.10	1700	1700	1600	1600	1600	1100	1000	1000	700	600	500	400
2700	.90	1800	1800	1800	1700	1600	1600	1600	1500	1400	1100	1000	1000
	.50	1400	1300	1300	1300	1200	1100	1100	1100	900	700	600	400
	.10	1200	1100	1100	1100	900	800	700	700	600	400	200	0
	.90	2100	2100	2000	1900	1800	1600	1600	1600	1500	1300	1100	1000
	.50	1400	1400	1300	1300	1300	1200	1100	1100	1000	800	600	500
	.10	1200	1200	1100	1100	900	800	800	700	600	500	200	100
	.90	3600	3500	3000	3000	2700	2400	2400	2300	2000	1800	1600	1500
	.50	2100	2100	2100	2100	2100	2000	2000	1600	1300	1100	1100	900
	.10	1700	1700	1700	1700	1700	1600	1600	1200	800	600	500	400
2800	.90	1800	1800	1800	1800	1600	1600	1600	1600	1400	1200	1100	1000
	.50	1400	1400	1300	1300	1300	1200	1100	1100	900	800	600	500
	.10	1200	1200	1100	1100	900	800	800	700	600	400	200	100
	.90	2100	2100	2000	2000	1800	1800	1600	1600	1500	1400	1300	1100
	.50	1500	1500	1400	1300	1300	1300	1200	1100	1000	900	600	600
	.10	1300	1300	1100	1100	1000	900	800	700	700	500	300	100
	.90	3800	3600	3400	3000	2700	2500	2400	2400	2100	1900	1700	1600
	.50	2300	2200	2200	2200	2100	2100	2100	2000	1400	1200	1100	1000
	.10	1800	1800	1800	1800	1700	1700	1600	1600	900	700	500	500
2900	.90	1800	1800	1800	1800	1700	1600	1600	1600	1400	1300	1100	1000
	.50	1500	1500	1300	1300	1300	1200	1100	1100	1000	800	600	500
	.10	1300	1300	1100	1100	900	800	800	700	600	500	200	100
	.90	2100	2100	2000	2000	1900	1800	1700	1600	1600	1400	1300	1100
	.50	1500	1500	1400	1400	1300	1300	1300	1200	1000	900	700	600
	.10	1300	1300	1200	1100	1000	900	900	800	700	500	400	100
	.90	3900	3600	3500	3500	2800	2500	2400	2400	2200	2000	1800	1600
	.50	2400	2200	2200	2200	2100	2100	2100	2000	1400	1300	1100	1000
	.10	1800	1800	1800	1800	1700	1700	1600	1600	900	700	600	500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH -- OCTOBER INCUBATION MONTH -- NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1900	1900	1900	1800	1800	1600	1600	1600	1500	1300	1100	1000
	.50	1500	1500	1400	1400	1300	1300	1200	1100	1000	800	600	500
	.10	1300	1300	1200	1100	1000	900	300	800	700	500	300	100
	.90	2500	2100	2000	2000	1900	1800	1800	1800	1600	1400	1300	1200
	.50	1600	1600	1500	1400	1400	1300	1300	1200	1100	900	800	600
	.10	1400	1400	1300	1100	1100	1000	900	900	700	500	400	200
	.90	4000	3800	3600	3600	3000	2600	2500	2400	2200	2000	1900	1700
	.50	2500	2300	2200	2200	2100	2100	2100	2000	1500	1400	1200	1100
	.10	1800	1800	1800	1800	1700	1700	1700	1600	1000	700	600	500
3100	.90	2000	1900	1900	1900	1800	1800	1600	1600	1500	1400	1200	1100
	.50	1600	1600	1500	1400	1300	1300	1300	1200	1100	900	700	600
	.10	1400	1400	1300	1100	1100	900	900	800	700	500	400	100
	.90	2600	2400	2300	2300	2300	2000	1900	1900	1600	1500	1400	1300
	.50	2100	2100	2000	2000	2000	1400	1400	1300	1100	1000	900	700
	.10	1700	1700	1600	1600	1500	1200	1000	1000	700	600	500	300
	.90	4100	3900	3700	3600	3400	2800	2500	2400	2300	2200	2000	1900
	.50	2600	2500	2400	2200	2200	2100	2100	2100	1700	1500	1400	1200
	.10	2100	2100	1800	1800	1700	1700	1700	1600	1300	900	700	600
3200	.90	2100	2000	2000	2000	1900	1800	1800	1600	1600	1400	1300	1100
	.50	1800	1700	1700	1600	1400	1300	1300	1300	1100	900	800	600
	.10	1600	1500	1500	1400	1100	1000	900	900	700	500	400	200
	.90	2600	2500	2400	2400	2400	2400	2300	2000	1800	1600	1400	1400
	.50	2100	2100	2100	2100	2100	2000	2000	1600	1200	1000	900	800
	.10	1700	1700	1700	1700	1700	1600	1600	1300	800	600	500	400
	.90	4300	4000	3900	3600	3500	2900	2900	2600	2400	2300	2100	2000
	.50	2800	2700	2600	2600	2600	2200	2100	2100	1800	1700	1500	1300
	.10	2300	2200	2200	2200	2200	1700	1700	1700	1400	1100	800	700
3300	.90	2400	2400	2300	2300	2300	2000	1900	1800	1600	1400	1400	1200
	.50	2100	2100	2000	2000	2000	1600	1400	1300	1100	900	800	700
	.10	1700	1700	1600	1600	1600	1400	1100	1000	700	600	500	300
	.90	2600	2500	2500	2500	2400	2400	2400	2300	1900	1600	1500	1400
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1300	1100	1000	900
	.10	1800	1800	1800	1800	1700	1700	1600	1600	900	700	500	400
	.90	4400	4100	3900	3700	3600	2900	2900	2900	2400	2300	2200	2100
	.50	2900	2700	2700	2700	2600	2500	2200	2100	1900	1700	1600	1400
	.10	2300	2300	2300	2300	2200	2100	1700	1700	1500	1300	900	700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2400	2400	2400	2400	2400	2300	2300	2000	1600	1500	1400	1300
	.50	2100	2100	2100	2100	2100	2000	2000	1700	1200	1000	900	800
	.10	1800	1700	1700	1700	1700	1600	1600	1500	800	600	500	400
	.90	2600	2600	2500	2500	2400	2400	2400	2300	1900	1600	1600	1400
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1300	1100	1000	900
	.10	1800	1800	1800	1800	1700	1700	1500	1600	900	700	500	500
	.90	4400	4100	4000	3800	3600	3000	2900	2900	2400	2300	2200	2100
	.50	2900	2700	2700	2700	2600	2600	2200	2100	1900	1800	1600	1500
	.10	2300	2300	2300	2300	2200	2200	1700	1700	1500	1300	1000	800
3500	.90	2500	2500	2500	2500	2400	2400	2300	2300	1800	1600	1400	1400
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1300	1100	900	800
	.10	1800	1800	1800	1800	1700	1700	1600	1600	900	700	500	400
	.90	2700	2700	2600	2500	2400	2400	2400	2300	2000	1700	1600	1500
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1400	1100	1000	900
	.10	1800	1800	1800	1800	1700	1700	1700	1600	900	700	600	500
	.90	4500	4200	4000	3800	3600	3000	3000	2900	2500	2300	2300	2100
	.50	3000	2700	2700	2700	2600	2600	2300	2200	1900	1800	1600	1500
	.10	2300	2300	2300	2300	2200	2200	1800	1700	1500	1300	1000	800
3600	.90	2500	2500	2500	2500	2400	2400	2300	2300	1800	1600	1500	1400
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1300	1100	1000	900
	.10	1800	1800	1800	1800	1700	1700	1600	1600	900	700	500	500
	.90	3500	2800	2800	2700	2500	2400	2400	2300	2000	1800	1600	1500
	.50	2500	2500	2200	2200	2100	2100	2100	2000	1400	1200	1100	1000
	.10	2100	2100	1800	1800	1700	1700	1700	1600	1000	700	600	500
	.90	4500	4300	4000	3800	3600	3000	3000	3000	2500	2300	2300	2200
	.50	3000	2800	2700	2700	2600	2600	2400	2300	2000	1800	1700	1500
	.10	2300	2300	2300	2300	2200	2200	1900	1700	1400	1300	1000	900
3700	.90	2500	2500	2500	2500	2400	2400	2300	2300	1900	1600	1500	1400
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1300	1100	1000	900
	.10	1800	1800	1800	1800	1700	1700	1700	1600	900	700	600	500
	.90	3500	3500	2900	2900	2900	2400	2400	2400	2200	2000	1900	1600
	.50	2700	2600	2600	2600	2600	2100	2100	2100	1700	1400	1200	1100
	.10	2300	2200	2200	2200	2200	1700	1700	1700	1300	1000	700	600
	.90	4600	4300	4000	3900	3600	3400	3200	3100	2600	2400	2300	2200
	.50	3100	2900	2700	2700	2700	2600	2500	2400	2100	1800	1700	1600
	.10	2500	2500	2300	2300	2300	2200	2100	1800	1500	1300	1100	900



TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	3000	3000	3000	3000	2900	2900	2600	2500	2400	2200	2100	1900
	.50	2700	2700	2700	2700	2600	2600	2300	2200	1900	1700	1500	1300
	.10	2300	2300	2300	2300	2200	2200	2100	1800	1500	1300	1100	800
	.90	3600	3500	3000	3000	3000	2900	2800	2600	2400	2300	2200	2100
	.50	2900	2900	2700	2700	2700	2600	2300	2200	1800	1700	1600	1400
	.10	2500	2500	2300	2300	2300	2200	2100	2000	1500	1300	1100	900
	.90	5000	5000	5000	4900	3900	3600	3400	3400	3000	2600	2400	2300
	.50	3500	3500	3500	3400	3000	2700	2700	2600	2300	2100	1800	1700
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1300	1100
4300	.90	3000	3000	3000	3000	2900	2900	2600	2600	2300	2200	2100	2000
	.50	2700	2700	2700	2700	2600	2600	2300	2200	1900	1700	1500	1400
	.10	2300	2300	2300	2300	2200	2200	2100	2000	1500	1300	1100	800
	.90	3600	3500	3300	3200	3000	2900	2900	2700	2500	2300	2200	2100
	.50	3000	3000	3000	2900	2700	2600	2500	2300	2000	1700	1600	1500
	.10	2600	2600	2600	2500	2300	2200	2100	2100	1600	1300	1100	900
	.90	5100	5100	5000	4900	4000	3600	3500	3400	3000	2600	2400	2300
	.50	3600	3600	3500	3400	3000	2800	2700	2600	2400	2100	1800	1700
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1300	1100
	.90	3500	3200	3000	3000	3000	2900	2600	2600	2400	2300	2100	2000
	.50	2900	2900	2700	2700	2700	2600	2300	2300	1900	1700	1500	1400
	.10	2500	2500	2300	2300	2300	2200	2100	2100	1600	1300	1100	900
	.90	3600	3600	3300	3300	3000	3000	2900	2800	2500	2300	2200	2100
	.50	3000	3000	3000	3000	2700	2600	2600	2300	2000	1800	1600	1500
	.10	2600	2600	2600	2600	2300	2200	2200	2100	1600	1300	1100	900
	.90	5100	5100	5000	4900	4000	3700	3500	3400	3100	2600	2500	2300
	.50	3600	3600	3500	3400	3000	2800	2700	2600	2400	2100	1800	1700
	.10	2600	2600	2600	2600	2400	2300	2300	2200	1700	1400	1300	1200
	.90	3500	3500	3300	3200	3000	2900	2800	2600	2400	2300	2200	2100
	.50	3000	3000	3000	2900	2700	2600	2500	2300	2000	1700	1600	1400
	.10	2600	2600	2600	2600	2300	2200	2100	2100	1600	1300	1100	900
	.90	3600	3600	3500	3300	3200	3000	2900	2900	2500	2300	2300	2200
	.50	3000	3000	3000	3000	2700	2700	2600	2300	2100	1800	1700	1500
	.10	2600	2600	2600	2600	2300	2200	2100	2100	1600	1300	1100	900
4500	.90	3600	3600	3500	3300	3200	3000	2900	2900	2500	2300	2300	2200
	.50	3000	3000	3000	3000	2700	2700	2600	2300	2100	1800	1700	1500
	.10	2600	2600	2600	2600	2300	2300	2200	2200	1700	1400	1300	1200
	.90	3500	3500	3300	3200	3000	2900	2800	2600	2400	2300	2200	2100
	.50	3000	3000	3000	2900	2700	2600	2500	2300	2000	1700	1600	1400
	.10	2600	2600	2600	2600	2300	2200	2100	2100	1600	1300	1100	900

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3600	3500	3300	3300	3000	2900	2900	2700	2400	2300	2200	2100
	.50	3000	3000	3000	3000	2700	2600	2600	2300	2100	1700	1600	1500
	.10	2600	2600	2600	2600	2300	2200	2200	2100	1700	1300	1200	900
	.90	3800	3600	3600	3500	3300	3000	3000	3000	2600	2400	2300	2200
	.50	3000	3000	3000	3000	2700	2700	2600	2400	2100	1800	1700	1600
	.10	2600	2600	2600	2600	2300	2300	2200	2100	1700	1300	1200	1000
	.90	5100	5100	5000	4900	4100	3700	3600	3500	3200	2700	2500	2400
	.50	3600	3600	3500	3400	3200	3000	2700	2700	2500	2200	1900	1700
	.10	3000	3000	3000	3000	2600	2300	2300	2200	1800	1500	1300	1200
4700	.90	3600	3500	3300	3300	3000	3000	2900	2800	2500	2300	2200	2100
	.50	3000	3000	3000	3000	2700	2700	2600	2300	2100	1800	1600	1500
	.10	2600	2600	2600	2600	2300	2300	2200	2100	1700	1300	1200	1000
	.90	3900	3600	3600	3600	3300	3200	3100	3000	2600	2400	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1800	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	5500	5500	5200	5000	4400	3700	3600	3500	3300	2900	2500	2400
	.50	4000	4000	3700	3500	3200	3200	2900	2800	2600	2200	2000	1800
	.10	3000	3000	3000	3000	3000	2500	2300	2300	2000	1600	1300	1200
4800	.90	3600	3500	3300	3300	3100	3000	2900	2900	2500	2300	2200	2100
	.50	3000	3000	3000	3000	2700	2700	2600	2500	2100	1800	1700	1500
	.10	2600	2600	2600	2600	2300	2300	2200	2100	1700	1300	1200	1000
	.90	4000	3800	3600	3600	3500	3300	3200	3100	2700	2500	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1100
	.90	5600	5600	5500	5100	4900	4000	3600	3600	3400	3200	3000	2600
	.50	4100	4100	4000	3600	3400	3200	3000	2900	2800	2600	2300	2100
	.10	3000	3000	3000	3000	3000	2600	2500	2500	2100	1600	1300	1000
4900	.90	3600	3500	3300	3300	3100	3000	2900	2900	2500	2300	2200	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1100
	.90	4100	3900	3700	3600	3500	3300	3000	3000	2800	2500	2300	2100
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	4100	3900	3700	3600	3500	3300	3000	3000	2900	2500	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	5600	5600	5500	5400	5000	4100	3700	3600	3400	3200	3000	2600
	.50	4100	4100	4000	3600	3400	3200	3000	2900	2800	2600	2300	2100
	.10	3000	3000	3000	3000	3000	2600	2500	2500	2100	1600	1300	1000
	.90	3600	3500	3300	3300	3100	3000	2900	2900	2500	2400	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	4100	3900	3700	3600	3500	3300	3000	3000	2900	2500	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	5600	5600	5500	5400	5000	4100	3700	3600	3400	3200	3000	2600
	.50	4100	4100	4000	3600	3400	3200	3000	2900	2800	2600	2300	2100
	.10	3000	3000	3000	3000	3000	2600	2500	2500	2100	1600	1300	1000
	.90	3600	3500	3300	3300	3100	3000	2900	2900	2500	2400	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	4100	3900	3700	3600	3500	3300	3000	3000	2900	2500	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	5600	5600	5500	5400	5000	4100	3700	3600	3400	3200	3000	2600
	.50	4100	4100	4000	3600	3400	3200	3000	2900	2800	2600	2300	2100
	.10	3000	3000	3000	3000	3000	2600	2500	2500	2100	1600	1300	1000
	.90	3600	3500	3300	3300	3100	3000	2900	2900	2500	2400	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	4100	3900	3700	3600	3500	3300	3000	3000	2900	2500	2300	2200
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1700	1600
	.10	2600	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	5600	5600	5500	5400	5000	4100	3700	3600	3400	3200	3000	2600
	.50	4100	4100	4000	3600	3400	3200	3000	2900	2800	2600	2300	2100
	.10	3000	3000	3000	3000	3000	2600	2500	2500	2100	1600	1300	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	.90	3600	3500	3300	3200	3000	3000	2900	2600	2400	2300	2200
	.50	.50	3000	3000	3000	2800	2700	2600	2600	2100	1800	1700	1600
	.10	.10	2600	2600	2600	2400	2300	2200	2200	1700	1400	1200	1000
	.90	.90	4300	4000	3700	3600	3500	3300	3300	2900	2500	2400	2300
	.50	.50	3200	3200	3200	3000	2700	2700	2600	2300	2000	1800	1700
	.10	.10	3000	3000	3000	2600	2300	2300	2200	1800	1400	1300	1100
	.90	.90	5700	5700	5600	5200	4700	3900	3700	3600	3400	3300	3200
	.50	.50	4200	4200	4100	3700	3300	3200	3200	3100	2900	2700	2600
	.10	.10	3200	3200	3000	3000	3000	2800	2800	2600	2500	2300	1900
5100	.90	.90	3600	3500	3500	3300	3100	3000	3000	2600	2400	2300	2200
	.50	.50	3200	3200	3200	3000	2700	2700	2600	2200	1800	1700	1600
	.10	.10	3000	3000	3000	2600	2300	2300	2200	1800	1400	1300	1100
	.90	.90	4400	4100	3900	3600	3500	3400	3300	3000	2600	2400	2300
	.50	.50	3200	3200	3200	3200	2900	2700	2700	2400	2100	1800	1700
	.10	.10	3000	3000	3000	3000	2500	2300	2300	1800	1500	1300	1200
	.90	.90	5700	5700	5600	5300	4900	4000	3900	3700	3500	3400	3300
	.50	.50	4200	4200	4100	3800	3400	3400	3300	3200	3000	2900	2700
	.10	.10	3200	3200	3000	3000	3000	3000	3000	2800	2600	2400	2200
5200	.90	.90	3600	3600	3500	3500	3300	3200	3100	2800	2500	2300	2200
	.50	.50	3200	3200	3200	3200	2900	2700	2700	2300	1900	1700	1600
	.10	.10	3000	3000	3000	3000	2500	2300	2300	1800	1400	1300	1100
	.90	.90	4400	4100	4000	3600	3500	3500	3400	3000	2600	2400	2300
	.50	.50	3200	3200	3200	3200	2900	2700	2700	2300	2100	1900	1800
	.10	.10	3000	3000	3000	3000	2600	2400	2300	2000	1500	1300	1200
	.90	.90	5700	5700	5600	5200	4800	4000	4000	3800	3600	3500	3300
	.50	.50	4200	4200	4100	3700	3500	3500	3500	3300	3100	2900	2800
	.10	.10	3200	3200	3100	3100	3100	3000	3000	2900	2700	2500	2300
5300	.90	.90	3600	3600	3500	3500	3500	3300	3300	2900	2500	2400	2200
	.50	.50	3200	3200	3200	3200	3000	2700	2700	2300	2000	1800	1700
	.10	.10	3000	3000	3000	3000	2600	2300	2300	2000	1500	1300	1200
	.90	.90	4500	4200	4000	3600	3500	3500	3400	3100	2600	2500	2300
	.50	.50	3200	3200	3200	3200	3200	2900	2700	2500	2200	1900	1700
	.10	.10	3000	3000	3000	3000	3000	2500	2300	2100	1600	1300	1200
	.90	.90	5700	5700	5600	5200	4800	4000	4000	3900	3600	3500	3400
	.50	.50	4200	4200	4100	3700	3500	3500	3500	3300	3100	3000	2800
	.10	.10	3200	3200	3200	3200	3000	2700	2700	2300	2000	1800	1700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00		
Q	EXC.	EXC.													
5400	.90	3800	3600	3600	3600	3500	3500	3400	3300	3000	2500	2400	2300		
		3200	3200	3200	3200	3200	3200	3200	2900	2700	2400	2100	1800	1700	
		3000	3000	3000	3000	3000	3000	3000	2500	2300	2100	1600	1300	1200	
		4500	4300	4000	3800	3600	3500	3500	3500	3500	3300	3200	2800	2500	
		3400	3400	3200	3200	3200	3200	3200	3000	2900	2800	2600	2200	2000	
		3200	3200	3000	3000	3000	3000	3000	2600	2500	2400	2200	1700	1300	
		5700	5700	5600	5500	5200	4700	4100	4100	4000	3900	3600	3500	3400	
		4200	4200	4100	4000	3700	3500	3500	3500	3500	3300	3200	3000	2900	
		3400	3300	3300	3200	3100	3100	3100	3100	3000	3000	2700	2700	2600	2400
		3900	3700	3600	3600	3500	3500	3500	3500	3400	3100	2600	2500	2300	
5500	.50	3400	3400	3200	3200	3200	3200	3000	2900	2500	2200	1900	1700		
		3200	3200	3000	3000	3000	3000	3000	2600	2500	2100	1600	1300	1200	
		4600	4300	4000	3900	3500	3600	3500	3500	3500	3400	3300	3200	2800	
		3400	3400	3200	3200	3200	3200	3200	3100	3000	2900	2800	2600	2200	
		3200	3200	3000	3000	3000	3000	3000	2800	2700	2500	2400	2100	1700	
		5700	5700	5600	5600	5100	4700	4100	4100	4000	3900	3700	3500	3400	
		4200	4200	4100	4100	3800	3500	3500	3500	3500	3400	3200	3000	2900	
		3400	3400	3400	3300	3100	3100	3100	3100	3100	3000	2800	2800	2600	2400
		4000	3800	3700	3600	3500	3500	3500	3500	3400	3300	3100	2700	2500	
		3400	3400	3200	3200	3200	3200	3200	3200	3000	2800	2600	2200	2000	
5600	.90	3200	3200	3000	3000	3000	3000	3000	3000	2800	2600	2200	2000		
		3400	3400	3200	3200	3200	3200	3200	2800	2600	2400	2200	1700		
		4600	4400	4000	3900	3700	3700	3700	3700	3600	3500	3400	3100		
		3400	3400	3200	3200	3200	3200	3200	3200	3200	3000	2900	2700	2500	
		3200	3200	3000	3000	3000	3000	3000	2800	2600	2400	2200	1700		
		5700	5700	5600	5600	5100	4700	4100	4100	4000	3900	3700	3500	3400	
		4200	4200	4100	4100	3800	3500	3500	3500	3500	3400	3200	3000	2900	
		3400	3400	3400	3300	3100	3100	3100	3100	3100	3000	2800	2800	2600	2400
		4000	3800	3700	3600	3500	3500	3500	3500	3400	3300	3100	2700	2500	
		3400	3400	3200	3200	3200	3200	3200	3200	3000	2800	2600	2200	2000	
5700	.50	3200	3200	3000	3000	3000	3000	3000	3000	2800	2600	2200	2000		
		3400	3400	3200	3200	3200	3200	3200	2800	2600	2400	2200	1700		
		4600	4400	4000	3900	3700	3700	3700	3700	3600	3500	3400	3100		
		3400	3400	3200	3200	3200	3200	3200	3200	3200	3000	2900	2700	2500	
		3200	3200	3000	3000	3000	3000	3000	2800	2600	2400	2200	1700		
		5700	5700	5600	5600	5100	4700	4100	4100	4000	3900	3700	3500	3400	
		4200	4200	4100	4100	3800	3500	3500	3500	3500	3400	3200	3000	2900	
		3400	3400	3400	3300	3100	3100	3100	3100	3100	3000	2800	2800	2600	2400
		4000	3800	3700	3600	3500	3500	3500	3500	3400	3300	3100	2700	2500	
		3400	3400	3200	3200	3200	3200	3200	3200	3000	2800	2600	2200	2000	
5700	.90	3200	3200	3000	3000	3000	3000	3000	3000	2800	2600	2200	2000		
		3400	3400	3200	3200	3200	3200	3200	2800	2600	2400	2200	1700		
		4600	4400	4000	3900	3700	3700	3700	3700	3600	3500	3400	3100		
		3400	3400	3200	3200	3200	3200	3200	3200	3200	3000	2900	2700	2500	
		3200	3200	3000	3000	3000	3000	3000	2800	2600	2400	2200	1700		
		5700	5700	5600	5600	5100	4700	4100	4100	4000	3900	3700	3500	3400	
		4200	4200	4100	4100	3800	3500	3500	3500	3500	3400	3200	3000	2900	
		3400	3400	3400	3300	3100	3100	3100	3100	3100	3000	2800	2800	2600	2400
		4000	3800	3700	3600	3500	3500	3500	3500	3400	3300	3100	2700	2500	
		3400	3400	3200	3200	3200	3200	3200	3200	3000	2800	2600	2200	2000	
5700	.50	3200	3200	3000	3000	3000	3000	3000	3000	2800	2600	2200	2000		
		3400	3400	3200	3200	3200	3200	3200	2800	2600	2400	2200	1700		
		4600	4400	4000	3900	3700	3700	3700	3700	3600	3500	3400	3100		
		3400	3400	3200	3200	3200	3200	3200	3200	3200	3000	2900	2700	2500	
		3200	3200	3000	3000	3000	3000	3000	2800	2600	2400	2200	1700		
		5700	5700	5600	5600	5100	4700	4100	4100	4000	3900	3700	3500	3400	
		4200	4200	4100	4100	3800	3500	3500	3500	3500	3400	3200	3000	2900	
		3400	3400	3400	3300	3100	3100	3100	3100	3100	3000	2800	2800	2600	2400
		4000	3800	3700	3600	3500	3500	3500	3500	3400	3300	3100	2700	2500	
		3400	3400	3200	3200	3200	3200	3200	3200	3000	2800	2600	2200	2000	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4300	4000	3900	3700	3700	3700	3700	3600	3500	3400	3300	3000
	.50	3400	3400	3200	3200	3200	3200	3200	3200	3000	2900	2700	2500
	.10	3200	3200	3000	3000	3000	3000	2800	2800	2700	2500	2300	2100
	.90	5000	5000	4900	4400	4000	4000	4000	3900	3800	3500	3400	3300
	.50	3600	3600	3500	3500	3500	3500	3400	3400	3300	3100	2900	2800
	.10	3200	3200	3200	3100	3100	3100	3000	3000	2900	2700	2500	2400
	.90	6200	6200	6200	5800	5500	4800	4300	4100	3900	3700	3500	3400
	.50	4700	4700	4700	4300	4100	3800	3500	3500	3400	3200	3000	2900
	.10	3800	3700	3600	3500	3400	3100	3100	3100	3000	2800	2600	2500
5900	.90	4400	4100	3900	3900	3900	3800	3800	3800	3600	3500	3300	3200
	.50	3400	3400	3400	3400	3400	3300	3300	3300	3200	3000	2800	2700
	.10	3200	3200	3200	3000	3000	3000	3000	3000	2800	2600	2400	2300
	.90	5000	5000	4900	4800	4000	4000	4000	4000	3800	3600	3400	3300
	.50	3800	3700	3700	3500	3500	3500	3500	3400	3300	3100	3000	2800
	.10	3400	3300	3300	3200	3100	3100	3100	3000	3000	2700	2500	2400
	.90	5400	6400	6400	6400	6300	5600	4900	4400	4000	3800	3600	3500
	.50	4900	4900	4900	4900	4800	4200	3900	3700	3400	3200	3100	3000
	.10	3800	3800	3700	3700	3400	3200	3100	3100	3000	2800	2700	2500
6000	.90	4400	4100	4000	4000	4000	4000	3900	3900	3800	3500	3400	3300
	.50	3600	3600	3500	3500	3500	3500	3400	3400	3300	3100	2900	2800
	.10	3200	3200	3200	3100	3100	3100	3000	3000	2900	2700	2500	2400
	.90	5000	5000	5000	4900	4100	4000	4000	4000	3800	3600	3500	3400
	.50	3800	3800	3800	3700	3500	3500	3500	3500	3300	3100	3000	2800
	.10	3400	3400	3400	3300	3100	3100	3100	3100	3000	2800	2600	2400
	.90	6500	6500	6500	6500	6400	6200	5500	4800	4000	3800	3600	3500
	.50	5000	5000	5000	5000	4900	4700	4100	3900	3500	3300	3100	3000
	.10	3800	3800	3800	3700	3500	3200	3100	3100	3000	2900	2700	2600
6100	.90	4500	4200	4000	4000	4000	4000	4000	3900	3800	3600	3400	3300
	.50	3800	3700	3700	3500	3500	3500	3500	3400	3300	3100	2900	2800
	.10	3400	3300	3300	3200	3100	3100	3100	3000	3000	2700	2500	2400
	.90	5100	5100	5000	4900	4100	4000	4000	4000	3800	3600	3400	3300
	.50	4100	3900	3800	3800	3500	3500	3500	3500	3300	3200	3000	2900
	.10	3700	3500	3400	3400	3200	3100	3100	3100	3000	2800	2600	2500
	.90	6600	6600	6500	6500	6500	6400	6100	5000	4000	3800	3600	3500
	.50	5100	5100	5100	5000	5000	4900	4600	4100	3500	3300	3200	3000
	.10	3900	3800	3800	3800	3600	3300	3100	3100	3000	2900	2800	2600

PAGE 118  
 TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	.90	4500	4100	4000	4000	4000	4000	4000	3800	3600	3500	3300
	.50	.50	3800	3800	3700	3500	3500	3500	3500	3300	3100	3000	2800
	.10	.10	3400	3400	3300	3100	3100	3100	3100	3000	2800	2600	2400
	.90	.90	5100	5000	4900	4200	4000	4000	4000	3900	3600	3500	3400
	.50	.50	4100	3900	3800	3600	3500	3500	3500	3300	3200	3000	2900
	.10	.10	3700	3500	3400	3200	3100	3100	3100	3000	2800	2600	2500
	.90	.90	6600	6600	6600	6500	6400	6300	5500	4000	3800	3700	3500
	.50	.50	5100	5100	5100	5000	4900	4800	4200	3500	3300	3200	3000
	.10	.10	4000	3900	3800	3700	3400	3200	3100	3000	2900	2800	2600
6300	.90	.90	4600	4100	4100	4000	4000	4000	4000	3800	3600	3500	3400
	.50	.50	4100	3800	3800	3500	3500	3500	3500	3300	3100	3000	2900
	.10	.10	3700	3400	3400	3200	3100	3100	3100	3000	2800	2600	2500
	.90	.90	5100	5000	4900	4300	4100	4000	4000	3900	3700	3500	3400
	.50	.50	4200	4000	3900	3800	3500	3500	3500	3400	3200	3000	2900
	.10	.10	3800	3700	3600	3400	3100	3100	3100	3000	2800	2600	2500
	.90	.90	6700	6700	6700	6600	6500	6400	6100	4000	3900	3700	3500
	.50	.50	5200	5200	5200	5100	5000	4900	4600	3500	3300	3200	3000
	.10	.10	4100	4000	3900	3900	3500	3200	3200	3000	2900	2800	2600
6400	.90	.90	4600	4200	4200	4100	4000	4000	4000	3800	3600	3500	3400
	.50	.50	4100	3900	3800	3700	3500	3500	3500	3300	3200	3000	2900
	.10	.10	3700	3500	3400	3300	3100	3100	3100	3000	2800	2600	2500
	.90	.90	5100	5000	4900	4400	4100	4000	4000	3900	3700	3500	3400
	.50	.50	4200	4100	4100	3900	3600	3500	3500	3400	3200	3000	2900
	.10	.10	3800	3800	3700	3500	3200	3100	3100	3000	2800	2600	2500
	.90	.90	7100	7100	7100	6700	6600	6500	6300	4100	3900	3700	3600
	.50	.50	5600	5600	5600	5200	5100	5000	4800	3500	3400	3200	3100
	.10	.10	4100	4100	4000	3800	3600	3500	3300	3100	3000	2800	2700
	.90	.90	4900	4800	4300	4100	4000	4000	4000	3900	3600	3500	3400
	.50	.50	4200	4100	4000	3800	3500	3500	3500	3400	3200	3000	2900
	.10	.10	3800	3800	3700	3500	3200	3100	3100	3000	2800	2600	2500
6500	.90	.90	7100	7100	7100	6700	6600	6500	6300	4100	3900	3700	3600
	.50	.50	5600	5600	5600	5200	5100	5000	4800	3500	3400	3200	3100
	.10	.10	4100	4100	4000	3800	3600	3500	3300	3100	3000	2800	2700
	.90	.90	4900	4800	4300	4100	4000	4000	4000	3900	3600	3500	3400
	.50	.50	4200	4100	4000	3800	3500	3500	3500	3400	3200	3000	2900
	.10	.10	3800	3700	3600	3400	3100	3100	3100	3000	2800	2600	2500
	.90	.90	5500	5500	5000	4500	4200	4100	4000	3900	3700	3500	3400
	.50	.50	4200	4200	4200	3900	3700	3500	3500	3400	3200	3000	2900
	.10	.10	3800	3800	3700	3600	3400	3100	3100	3000	2800	2700	2500
	.90	.90	7200	7200	7200	7100	6700	6600	6400	4200	3900	3700	3600
	.50	.50	5700	5700	5700	5600	5200	5100	4900	3600	3400	3200	3100
	.10	.10	4600	4200	4000	3800	3700	3600	3500	3300	3000	2800	2700



TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER  
 INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	5100	5000	4900	4700	4400	4100	4000	3900	3700	3600	3500
	.50	.50	4500	4400	4300	4100	3900	3600	3500	3400	3200	3100	3000
	.10	.10	4100	4000	3900	3800	3500	3200	3100	3000	2900	2700	2600
	.90	.90	5700	5600	5500	5200	4900	4600	4400	4000	3800	3600	3500
	.50	.50	5000	4500	4400	4200	4100	3900	3800	3500	3300	3200	3000
	.10	.10	4600	4200	4000	3800	3700	3400	3200	3000	2900	2800	2600
	.90	.90	7300	7300	7300	7200	7100	7000	6600	4700	4000	3800	3700
	.50	.50	5800	5800	5800	5700	5600	5500	5100	4100	3400	3300	3200
	.10	.10	4700	4400	4300	4200	3900	3800	3700	3100	3000	2900	2800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED & OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	800	800	800	800	700	700	700	600	500	400	400	300
	.50	500	500	400	400	300	200	200	200	100	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1000	1000	1000	1000	1000	900	800	700	600	500	500	400
	.50	600	600	500	500	500	400	400	200	200	100	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	2300	2200	1800	1800	1600	1400	1400	1300	1100	1000	800	700
	.50	900	900	900	900	900	900	800	800	600	300	200	100
	.10	200	200	200	200	100	0	0	0	0	0	0	0
1500	.90	900	900	800	800	700	700	700	600	500	500	400	400
	.50	600	600	500	500	400	200	200	200	100	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1000	1000	1000	1000	1000	1000	1000	900	700	600	500	400
	.50	700	700	700	700	600	500	500	500	200	100	0	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	2300	2200	1800	1800	1600	1400	1400	1400	1300	1000	900	700
	.50	900	900	900	900	900	900	900	900	600	500	200	200
	.10	300	300	300	300	200	100	100	0	0	0	0	0
1600	.90	1000	1000	1000	1000	1000	1000	900	800	600	500	500	400
	.50	700	700	700	700	600	500	500	400	200	100	0	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	1000	1000	1000	1000	1000	1000	1000	1000	700	600	500	500
	.50	700	700	700	700	600	500	500	500	200	100	0	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	2300	2200	1900	1800	1600	1500	1500	1400	1300	1100	1000	900
	.50	1100	1100	1100	1100	1000	1000	900	900	800	500	400	200
	.10	400	400	400	300	300	200	100	100	0	0	0	0
	.90	1000	1000	1000	1000	1000	1000	1000	900	700	600	500	400
	.50	700	700	700	700	600	500	500	500	200	100	0	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	1200	1100	1100	1100	1100	1000	1000	1000	700	600	500	500
	.50	700	700	700	700	600	600	600	500	300	100	100	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	2300	2200	1900	1800	1700	1600	1600	1500	1400	1200	1100	1000
	.50	1100	1100	1100	1100	1100	1000	1000	1000	900	600	500	300
	.10	400	400	400	400	300	300	200	200	0	0	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	.90	1000	1000	1000	1000	1000	1000	1000	700	600	500	400
	.50	.50	700	700	700	500	600	500	500	200	100	0	0
	.10	.10	100	100	100	0	0	0	0	0	0	0	0
	.90	.90	1300	1300	1100	1100	1100	1000	1000	900	700	600	500
	.50	.50	800	800	800	700	700	600	600	400	200	100	0
	.10	.10	200	200	200	100	0	0	0	0	0	0	0
	.90	.90	3200	2200	1900	1900	1600	1600	1600	1400	1300	1100	1000
	.50	.50	1600	1100	1100	1100	1100	1000	1000	900	600	500	400
	.10	.10	400	400	400	400	300	300	200	100	0	0	0
1900	.90	.90	1100	1100	1100	1100	1000	1000	1000	800	600	500	500
	.50	.50	800	800	800	700	600	600	600	400	200	100	0
	.10	.10	200	200	200	100	0	0	0	0	0	0	0
	.90	.90	1400	1400	1300	1300	1200	1100	1100	1000	700	600	500
	.50	.50	900	900	900	300	800	800	700	500	200	100	100
	.10	.10	300	300	300	200	100	100	0	0	0	0	0
	.90	.90	3200	2400	2200	1800	1700	1600	1600	1400	1300	1200	1000
	.50	.50	1600	1300	1300	1100	1100	1100	1000	900	700	500	400
	.10	.10	600	400	400	400	300	300	200	100	0	0	0
2000	.90	.90	1300	1300	1200	1100	1100	1100	1100	900	700	600	500
	.50	.50	900	900	900	800	700	700	600	500	200	100	0
	.10	.10	300	300	300	200	100	100	0	0	0	0	0
	.90	.90	1400	1400	1400	1400	1400	1300	1300	1000	900	700	600
	.50	.50	1000	1000	900	900	900	900	800	600	300	200	100
	.10	.10	400	400	300	300	200	100	0	0	0	0	0
	.90	.90	3300	2500	2400	1900	1800	1700	1600	1500	1400	1200	1100
	.50	.50	1700	1300	1300	1100	1100	1100	1100	900	800	600	500
	.10	.10	700	400	400	400	400	300	300	100	0	0	0
2100	.90	.90	1400	1400	1300	1300	1300	1100	1100	1000	700	600	500
	.50	.50	1000	1000	900	900	800	800	700	500	200	100	100
	.10	.10	400	400	300	300	200	100	0	0	0	0	0
	.90	.90	1400	1400	1400	1400	1400	1400	1400	1100	1000	700	700
	.50	.50	1000	1000	1000	900	900	900	900	700	500	200	100
	.10	.10	400	400	400	300	200	100	0	0	0	0	0
	.90	.90	3300	2600	2500	1900	1800	1800	1700	1600	1400	1300	1100
	.50	.50	1700	1300	1300	1300	1100	1100	1100	1000	800	600	500
	.10	.10	700	700	600	400	400	400	300	100	0	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1400	1400	1400	1400	1400	1400	1300	1300	1000	800	700	600
	.50	1000	1000	1000	1000	900	900	900	800	600	300	200	100
	.10	400	400	400	400	300	200	100	100	0	0	0	0
	.90	1600	1600	1600	1600	1500	1500	1400	1400	1300	1000	900	800
	.50	1100	1100	1100	1100	1000	1000	1000	900	800	600	400	200
	.10	400	400	400	400	300	300	200	100	0	0	0	0
	.90	3300	3200	2600	2500	1900	1900	1800	1800	1600	1400	1300	1200
	.50	1700	1600	1400	1300	1300	1300	1100	1100	1000	900	700	500
	.10	800	700	700	700	400	400	400	300	200	0	0	0
2300	.90	1400	1400	1400	1400	1400	1400	1400	1400	1100	900	700	600
	.50	1000	1000	1000	1000	900	900	900	900	700	500	200	100
	.10	400	400	400	400	300	200	100	100	0	0	0	0
	.90	1600	1600	1600	1600	1600	1500	1500	1500	1400	1100	1000	900
	.50	1200	1100	1100	1100	1100	1000	1000	1000	900	600	500	300
	.10	600	400	400	400	400	300	300	200	0	0	0	0
	.90	3300	3200	2700	2600	2300	1900	1900	1800	1700	1500	1400	1300
	.50	1700	1600	1400	1400	1300	1300	1200	1100	1000	900	800	600
	.10	800	800	700	700	500	400	400	400	200	0	0	0
	.90	1600	1600	1600	1600	1500	1500	1400	1400	1300	1000	900	700
	.50	1200	1100	1100	1100	1000	1000	1000	900	800	600	400	200
	.10	600	400	400	400	300	300	200	100	0	0	0	0
	.90	1800	1800	1600	1600	1600	1600	1500	1500	1400	1100	1000	1000
	.50	1300	1300	1300	1100	1100	1100	1100	1000	900	700	500	400
	.10	700	700	400	400	400	300	300	200	100	0	0	0
	.90	3300	3200	2800	2700	2400	2100	1900	1900	1700	1500	1400	1300
	.50	1700	1600	1400	1400	1400	1300	1300	1200	1100	900	800	700
	.10	900	900	700	700	600	500	400	400	200	0	0	0
	.90	1600	1600	1600	1600	1600	1500	1500	1500	1400	1100	1000	800
	.50	1300	1300	1100	1100	1100	1000	1000	1000	900	600	500	300
	.10	700	700	400	400	400	300	300	200	100	0	0	0
	.90	1800	1800	1800	1800	1600	1600	1600	1500	1400	1200	1100	1000
	.50	1300	1300	1300	1300	1100	1100	1100	1100	900	700	600	400
	.10	700	700	700	600	400	400	300	300	100	0	0	0
	.90	3300	3200	2800	2700	2500	2100	2100	1900	1800	1600	1400	1400
	.50	1700	1600	1500	1400	1400	1300	1300	1300	1100	1000	900	800
	.10	900	900	800	700	600	500	400	400	200	100	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1800	1800	1600	1600	1600	1600	1500	1500	1400	1100	1000	900
	.50	1300	1300	1300	1100	1100	1100	1000	1000	900	700	500	400
	.10	700	700	600	400	400	400	300	300	100	0	0	0
	.90	1800	1800	1800	1700	1700	1600	1600	1600	1400	1300	1100	1000
	.50	1400	1300	1300	1300	1300	1100	1100	1100	900	800	600	500
	.10	800	700	700	400	400	400	300	300	100	0	0	0
	.90	3300	3200	2800	2700	2500	2300	2200	2100	1900	1600	1500	1400
	.50	2000	2000	1900	1900	1900	1400	1400	1300	1100	1000	900	800
	.10	1300	1300	1200	1200	1200	700	500	500	200	100	0	0
2700	.90	1800	1800	1800	1700	1500	1600	1600	1500	1400	1100	1000	900
	.50	1400	1300	1300	1300	1200	1100	1100	1100	900	700	600	400
	.10	800	700	700	400	400	400	300	300	100	0	0	0
	.90	1900	1900	1800	1800	1800	1600	1600	1600	1400	1300	1100	1000
	.50	1400	1400	1300	1300	1300	1100	1100	1100	1000	800	600	500
	.10	800	800	700	700	400	400	400	300	200	0	0	0
	.90	3300	3200	2800	2800	2500	2400	2400	2300	1900	1800	1600	1500
	.50	2000	2000	2000	2000	2000	1900	1900	1500	1200	1100	1000	900
	.10	1300	1300	1300	1300	1300	1200	1200	800	400	200	0	0
2800	.90	1800	1800	1800	1800	1500	1600	1600	1600	1400	1200	1100	1000
	.50	1400	1400	1300	1300	1300	1100	1100	1100	900	800	600	500
	.10	800	800	700	700	400	400	400	300	100	0	0	0
	.90	1900	1900	1900	1900	1800	1700	1600	1600	1500	1400	1200	1100
	.50	1500	1500	1400	1300	1300	1300	1100	1100	1000	800	600	500
	.10	900	900	700	700	500	400	400	300	200	0	0	0
	.90	3500	3300	3100	2800	2500	2400	2400	2400	2100	1900	1600	1500
	.50	2100	2100	2100	2100	2000	2000	1900	1900	1300	1100	1000	900
	.10	1400	1400	1400	1400	1300	1300	1200	1200	400	200	100	0
2900	.90	1800	1800	1800	1800	1700	1600	1600	1600	1400	1300	1100	1000
	.50	1500	1500	1300	1300	1300	1100	1100	1100	1000	800	600	500
	.10	900	900	700	700	400	400	400	300	200	0	0	0
	.90	1900	1900	1900	1900	1800	1800	1700	1600	1500	1400	1300	1100
	.50	1500	1500	1400	1400	1300	1300	1200	1100	1000	900	700	500
	.10	900	900	800	700	600	400	400	400	200	0	0	0
	.90	3600	3400	3300	3200	2600	2400	2400	2400	2100	1900	1700	1600
	.50	2100	2100	2100	2100	2000	2000	1900	1900	1300	1100	1000	1000
	.10	1400	1400	1400	1400	1300	1300	1200	1200	400	200	100	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING #UA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1900	1900	1900	1800	1800	1600	1600	1600	1500	1300	1100	1000
	.50	1500	1500	1400	1400	1300	1300	1100	1100	1000	800	600	500
	.10	900	900	800	700	600	400	400	400	200	0	0	0
	.90	2200	1900	1900	1900	1900	1800	1800	1700	1600	1400	1300	1200
	.50	1600	1600	1500	1400	1400	1300	1300	1200	1100	900	800	600
	.10	1000	1000	900	700	700	500	400	400	200	100	0	0
	.90	3700	3500	3400	3300	2800	2500	2400	2400	2200	2000	1800	1600
	.50	2100	2100	2100	2100	2000	2000	2000	1900	1400	1200	1100	1000
	.10	1400	1400	1400	1400	1300	1300	1300	1200	500	200	100	0
3100	.90	1900	1900	1900	1900	1800	1800	1600	1600	1500	1400	1200	1100
	.50	1600	1600	1500	1400	1300	1300	1300	1100	1000	900	600	500
	.10	1000	1000	900	700	700	500	400	400	200	0	0	0
	.90	2400	2400	2300	2300	2300	1900	1900	1800	1600	1500	1400	1300
	.50	2000	2000	1900	1900	1900	1400	1400	1300	1100	900	800	600
	.10	1300	1300	1200	1200	1200	800	600	500	200	100	0	0
	.90	3800	3600	3400	3400	3200	2600	2400	2400	2300	2100	2000	1800
	.50	2400	2400	2100	2100	2000	2000	2000	1900	1700	1400	1200	1100
	.10	1700	1700	1400	1400	1300	1300	1300	1200	800	400	200	100
3200	.90	2100	2000	2000	1900	1900	1800	1800	1600	1500	1400	1300	1100
	.50	1800	1700	1700	1600	1400	1300	1300	1300	1100	900	700	600
	.10	1200	1100	1100	1000	700	500	500	400	200	100	0	0
	.90	2400	2400	2400	2400	2400	2300	2300	1900	1700	1600	1400	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1500	1100	1000	900	800
	.10	1300	1300	1300	1300	1300	1200	1200	900	400	200	0	0
	.90	4000	3700	3600	3400	3300	2900	2700	2500	2300	2200	2100	2000
	.50	2600	2500	2500	2500	2500	2000	2000	2000	1800	1600	1300	1200
	.10	1900	1800	1800	1800	1800	1300	1300	1300	900	700	300	200
3300	.90	2400	2400	2300	2300	2300	1900	1900	1800	1600	1400	1300	1200
	.50	2000	2000	1900	1900	1900	1600	1400	1300	1100	900	800	600
	.10	1300	1300	1200	1200	1200	1000	700	500	300	100	0	0
	.90	2500	2500	2500	2500	2400	2400	2300	2300	1800	1600	1500	1400
	.50	2100	2100	2100	2100	2000	2000	1900	1900	1300	1000	900	800
	.10	1400	1400	1400	1400	1300	1300	1200	1200	400	200	100	0
	.90	4100	3800	3600	3500	3400	3000	2900	2700	2400	2300	2200	2100
	.50	2600	2600	2600	2600	2500	2400	2000	2000	1800	1700	1400	1300
	.10	1900	1900	1900	1900	1800	1700	1300	1300	1000	800	400	200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING MUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2400	2400	2400	2400	2400	2300	2300	2000	1600	1500	1400	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1700	1100	1000	900	700
	.10	1400	1300	1300	1300	1300	1200	1200	1100	400	200	0	0
	.90	2500	2500	2500	2500	2400	2400	2300	2300	1900	1600	1500	1400
	.50	2100	2100	2100	2100	2000	2000	1900	1900	1300	1100	900	900
	.10	1400	1400	1400	1400	1300	1300	1200	1200	400	200	100	0
	.90	4100	3800	3700	3500	3400	3000	2900	2800	2400	2300	2200	2100
	.50	2600	2600	2600	2600	2500	2500	2000	2000	1900	1700	1500	1300
	.10	1900	1900	1900	1900	1800	1800	1300	1300	1000	800	500	300
3500	.90	2500	2500	2500	2500	2400	2400	2300	2300	1800	1600	1400	1300
	.50	2100	2100	2100	2100	2000	2000	1900	1900	1300	1000	900	800
	.10	1400	1400	1400	1400	1300	1300	1200	1200	400	200	100	0
	.90	2500	2500	2500	2500	2400	2400	2300	2300	1900	1700	1600	1400
	.50	2100	2100	2100	2100	2000	2000	2000	1900	1300	1100	1000	900
	.10	1400	1400	1400	1400	1300	1300	1300	1200	400	200	100	0
	.90	4200	3900	3700	3500	3400	3000	2900	2900	2500	2300	2200	2100
	.50	2600	2600	2600	2600	2500	2500	2100	2000	1900	1700	1600	1400
	.10	1900	1900	1900	1900	1800	1800	1400	1300	1000	800	500	300
3600	.90	2500	2500	2500	2500	2400	2400	2300	2300	1800	1600	1500	1400
	.50	2100	2100	2100	2100	2000	2000	1900	1900	1300	1100	900	800
	.10	1400	1400	1400	1400	1300	1300	1200	1200	400	200	100	0
	.90	3200	2800	2600	2500	2400	2400	2400	2300	2000	1800	1600	1500
	.50	2400	2400	2100	2100	2000	2000	2000	1900	1400	1100	1000	900
	.10	1700	1700	1400	1400	1300	1300	1300	1200	500	200	100	0
	.90	4200	4000	3700	3500	3400	3100	3000	2900	2500	2300	2200	2100
	.50	2600	2600	2600	2600	2500	2500	2200	2100	1900	1700	1600	1400
	.10	1900	1900	1900	1900	1800	1800	1400	1300	900	800	500	300
3700	.90	2500	2500	2500	2500	2400	2400	2300	2300	1800	1600	1500	1400
	.50	2100	2100	2100	2100	2000	2000	2000	1900	1300	1100	900	900
	.10	1400	1400	1400	1400	1300	1300	1300	1200	500	200	100	0
	.90	3200	3200	2900	2900	2900	2500	2400	2400	2200	2000	1800	1600
	.50	2600	2500	2500	2500	2500	2500	2000	2000	1700	1300	1100	1000
	.10	1900	1800	1800	1800	1800	1800	1300	1300	800	500	200	100
	.90	4300	4000	3700	3600	3400	3200	3100	3000	2600	2400	2300	2200
	.50	2800	2800	2600	2600	2600	2500	2300	2200	2000	1700	1600	1400
	.10	2100	2100	1900	1900	1900	1800	1700	1700	1100	800	600	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK;  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2800	2800	2500	2500	2400	2400	2400	2300	1900	1700	1600	1500
	.50	2400	2400	2100	2100	2000	2000	2000	1900	1400	1100	1000	900
	.10	1700	1700	1400	1400	1300	1300	1300	1200	600	300	200	0
	.90	3300	3200	3000	3000	2900	2800	2500	2400	2300	2100	1900	1800
	.50	2600	2600	2600	2600	2500	2400	2000	2000	1800	1600	1200	1100
	.10	1900	1900	1900	1900	1800	1700	1300	1300	900	700	400	200
	.90	4300	4100	3700	3600	3400	3300	3200	3100	2600	2400	2300	2200
	.50	2900	2900	2900	2800	2600	2500	2400	2300	2000	1800	1600	1500
	.10	2200	2200	2200	2100	1900	1800	1700	1700	1200	800	600	400
3900	.90	3000	2900	2900	2900	2900	2400	2400	2400	2200	1900	1700	1600
	.50	2600	2500	2500	2500	2500	2000	2000	2000	1700	1300	1100	1000
	.10	1900	1800	1800	1800	1800	1300	1300	1300	800	500	200	100
	.90	3300	3200	3000	3000	2700	2900	2500	2400	2300	2200	2100	1900
	.50	2600	2600	2600	2600	2500	2000	2000	2000	1800	1700	1300	1200
	.10	1900	1900	1900	1900	1800	1300	1300	1300	1000	800	500	200
	.90	4600	4500	4100	3700	3500	3300	3200	3200	2800	2500	2300	2200
	.50	3000	2900	2900	2900	2600	2600	2500	2300	2100	1800	1700	1500
	.10	2200	2200	2200	2200	1900	1800	1800	1700	1200	800	700	400
4000	.90	3000	3000	3000	3000	2900	2800	2400	2400	2300	2100	1900	1700
	.50	2600	2600	2600	2600	2500	2400	2000	2000	1800	1600	1200	1100
	.10	1900	1900	1900	1900	1800	1700	1300	1300	900	700	400	200
	.90	3300	3200	3000	3000	2900	2900	2600	2500	2400	2200	2100	2000
	.50	2600	2600	2600	2600	2500	2100	2100	2000	1900	1700	1400	1200
	.10	1900	1900	1900	1900	1800	1400	1400	1300	1000	800	600	300
	.90	4700	4700	4600	4100	3500	3400	3300	3200	2900	2500	2300	2200
	.50	3100	3100	3000	2900	2800	2600	2500	2500	2100	1800	1700	1600
	.10	2200	2200	2200	2200	1900	1900	1800	1700	1300	800	700	500
4100	.90	3000	3000	3000	3000	2900	2900	2500	2400	2300	2200	1900	1800
	.50	2600	2600	2600	2600	2500	2100	2100	2000	1800	1700	1300	1100
	.10	1900	1900	1900	1900	1800	1400	1400	1300	1000	800	500	200
	.90	3300	3200	3000	3000	3000	2900	2600	2500	2400	2300	2200	2000
	.50	2600	2600	2600	2600	2500	2300	2300	2100	1900	1700	1500	1300
	.10	1900	1900	1900	1900	1800	1700	1400	1300	1000	800	500	200
	.90	4700	4700	4600	4500	3600	3400	3300	3300	2900	2500	2300	2200
	.50	3100	3100	3000	2900	2800	2600	2500	2500	2100	1800	1700	1600
	.10	2200	2200	2200	2200	1900	1800	1800	1700	1300	800	700	500
	.90	3000	3000	3000	3000	2900	2900	2500	2400	2300	2200	1900	1800
	.50	2600	2600	2600	2600	2500	2100	2100	2000	1800	1700	1300	1100
	.10	1900	1900	1900	1900	1800	1400	1400	1300	1000	800	500	200
	.90	3300	3200	3000	3000	3000	2900	2600	2500	2400	2300	2200	2000
	.50	2600	2600	2600	2600	2500	2300	2300	2100	1900	1700	1500	1300
	.10	1900	1900	1900	1900	1800	1700	1400	1400	1100	800	600	400
	.90	4700	4700	4600	4500	3600	3400	3300	3300	2900	2500	2300	2200
	.50	3100	3100	3000	2900	2800	2600	2500	2500	2100	1800	1700	1600
	.10	2200	2200	2200	2200	1900	1800	1800	1700	1300	800	700	500
	.90	3000	3000	3000	3000	2900	2900	2500	2400	2300	2200	1900	1800
	.50	2600	2600	2600	2600	2500	2100	2100	2000	1800	1700	1300	1100
	.10	1900	1900	1900	1900	1800	1400	1400	1300	1000	800	500	200
	.90	3300	3200	3000	3000	3000	2900	2600	2500	2400	2300	2200	2000
	.50	2600	2600	2600	2600	2500	2300	2300	2100	1900	1700	1500	1300
	.10	1900	1900	1900	1900	1800	1700	1400	1400	1100	800	600	400
	.90	4700	4700	4600	4500	3600	3400	3300	3300	2900	2500	2300	2200
	.50	3100	3100	3000	2900	2800	2600	2500	2500	2100	1800	1700	1600
	.10	2200	2200	2200	2200	1900	1800	1800	1700	1300	800	700	500
	.90	3000	3000	3000	3000	2900	2900	2500	2400	2300	2200	1900	1800
	.50	2600	2600	2600	2600	2500	2100	2100	2000	1800	1700	1300	1100
	.10	1900	1900	1900	1900	1800	1400	1400	1300	1000	800	500	200
	.90	3300	3200	3000	3000	3000	2900	2600	2500	2400	2300	2200	2000
	.50	2600	2600	2600	2600	2500	2300	2300	2100	1900	1700	1500	1300
	.10	1900	1900	1900	1900	1800	1700	1400	1400	1100	800	600	400
	.90	4700	4700	4600	4500	3600	3400	3300	3300	2900	2500	2300	2200
	.50	3100	3100	3000	2900	2800	2600	2500	2500	2100	1800	1700	1600
	.10	2200	2200	2200	2200	1900	1800	1800	1700	1300	800	700	500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
4200	.90	3000	3000	3000	3000	2900	2900	2600	2500	2400	2200	2100	1900
	.50	2600	2600	2600	2600	2500	2500	2300	2100	1900	1700	1400	1200
	.10	1900	1900	1900	1900	1800	1800	1700	1400	1100	900	600	400
	.90	3300	3200	3000	3000	3000	2900	2700	2600	2400	2300	2200	2100
	.50	2800	2800	2600	2600	2600	2500	2300	2200	1800	1700	1500	1300
	.10	2100	2100	1900	1900	1900	1800	1700	1600	1100	800	600	400
	.90	4700	4700	4700	4600	3600	3400	3300	3300	3000	2500	2400	2300
	.50	3100	3100	3100	3000	2900	2600	2600	2500	2200	1900	1700	1600
	.10	2200	2200	2200	2200	2000	1900	1800	1800	1300	900	700	500
4300	.90	3000	3000	3000	3000	2900	2900	2600	2500	2300	2200	2100	1900
	.50	2600	2600	2600	2600	2500	2500	2300	2200	1900	1700	1400	1200
	.10	1900	1900	1900	1900	1300	1800	1700	1600	1100	900	600	400
	.90	3300	3300	3300	3200	3000	2900	2800	2600	2400	2300	2200	2100
	.50	2900	2900	2900	2800	2500	2500	2400	2300	1900	1700	1500	1300
	.10	2200	2200	2200	2100	1900	1800	1700	1700	1200	800	600	400
	.90	4800	4800	4700	4600	3700	3400	3300	3300	3000	2600	2400	2300
	.50	3200	3200	3100	3000	2900	2600	2600	2500	2200	1900	1700	1600
	.10	2200	2200	2200	2200	2000	1900	1800	1800	1300	900	700	600
4400	.90	3200	3200	3000	3000	3000	2900	2600	2600	2300	2200	2100	2000
	.50	2800	2800	2600	2600	2600	2500	2300	2300	1800	1700	1500	1300
	.10	2100	2100	1900	1900	1900	1800	1700	1700	1200	800	600	400
	.90	3400	3300	3300	3300	3000	3000	2900	2700	2500	2300	2200	2100
	.50	2900	2900	2900	2900	2600	2500	2500	2300	1900	1700	1600	1400
	.10	2200	2200	2200	2200	1900	1800	1800	1700	1200	800	700	400
	.90	4800	4800	4700	4600	3700	3500	3300	3300	3000	2600	2400	2300
	.50	3200	3200	3100	3000	2900	2600	2600	2500	2200	2000	1700	1700
	.10	2200	2200	2200	2200	2000	1900	1900	1800	1300	900	800	600
4500	.90	3300	3300	3300	3200	3000	2900	2800	2600	2400	2300	2200	2000
	.50	2900	2900	2900	2800	2600	2500	2400	2300	1900	1700	1500	1300
	.10	2200	2200	2200	2100	1900	1800	1700	1700	1200	800	700	400
	.90	4800	4800	4700	4600	3700	3500	3300	3300	3000	2600	2400	2300
	.50	3200	3200	3100	3000	2900	2600	2600	2500	2200	2000	1700	1700
	.10	2200	2200	2200	2200	2000	1900	1900	1800	1300	900	800	600
	.90	4800	4800	4700	4600	3800	3500	3300	3300	3000	2600	2400	2300
	.50	3200	3200	3100	3000	2900	2600	2600	2500	2200	2000	1700	1700
	.10	2200	2200	2200	2200	2000	1900	1900	1800	1300	900	700	500
	.90	4800	4800	4700	4600	3800	3500	3300	3300	3000	2600	2500	2300
	.50	3200	3200	3100	3000	2900	2600	2600	2500	2200	2000	1700	1700
	.10	2200	2200	2200	2200	2000	1900	1900	1800	1400	900	800	600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3300	3300	3300	3300	3000	2900	2900	2600	2400	2300	2200	2100
	.50	2900	2900	2900	2600	2600	2500	2500	2300	2000	1700	1500	1300
	.10	2200	2200	2200	1900	1900	1800	1800	1700	1300	900	700	400
	.90	3500	3400	3400	3300	3300	3000	3000	2900	2600	2400	2300	2200
	.50	2900	2900	2900	2600	2600	2600	2500	2300	2000	1700	1600	1500
	.10	2200	2200	2200	1900	1900	1900	1800	1700	1300	900	700	500
	.90	4800	4800	4700	4600	3800	3500	3400	3300	3100	2600	2500	2400
	.50	3200	3200	3200	3000	3000	2800	2600	2600	2300	2000	1800	1700
	.10	2600	2600	2600	2200	2200	1900	1900	1800	1400	1000	800	600
4700	.90	3300	3300	3300	3000	3000	3000	2900	2700	2500	2300	2200	2100
	.50	2900	2900	2900	2600	2600	2600	2500	2300	2000	1700	1600	1400
	.10	2200	2200	2200	1900	1900	1900	1800	1700	1300	900	700	500
	.90	3600	3400	3400	3400	3300	3100	3000	3000	2600	2400	2300	2200
	.50	2900	2900	2900	2700	2700	2600	2500	2500	2000	1800	1600	1500
	.10	2200	2200	2200	2000	2000	1900	1800	1800	1300	900	700	500
	.90	5200	5200	4900	4700	4100	3500	3500	3400	3200	2800	2500	2400
	.50	3600	3600	3300	3200	3200	2900	2800	2600	2300	2100	1900	1700
	.10	2600	2600	2600	2600	2500	2100	1900	1900	1600	1100	800	700
4800	.90	3300	3300	3300	3300	3100	3000	2900	2800	2500	2300	2200	2100
	.50	2900	2900	2900	2500	2500	2600	2500	2400	2000	1700	1600	1400
	.10	2200	2200	2200	1900	1900	1900	1800	1700	1300	900	700	500
	.90	3700	3500	3400	3400	3300	3200	3100	3000	2600	2400	2300	2200
	.50	2900	2900	2900	2700	2700	2600	2500	2500	2100	1800	1700	1500
	.10	2200	2200	2200	2000	2000	1900	1800	1800	1300	900	700	600
	.90	5300	5300	5200	4800	4600	3700	3500	3500	3300	3200	2900	2600
	.50	3700	3700	3600	3200	3200	3200	2900	2800	2500	2100	1900	1900
	.10	2600	2600	2600	2600	2600	2200	2000	2000	1900	1700	1200	800
4900	.90	3300	3300	3300	3100	3100	3000	2900	2900	2500	2300	2200	2100
	.50	2900	2900	2900	2700	2700	2600	2500	2500	2000	1700	1600	1500
	.10	2200	2200	2200	2000	2000	1900	1800	1800	1300	900	700	600
	.90	3800	3600	3500	3400	3400	3300	3200	3100	2800	2500	2300	2200
	.50	2900	2900	2900	2700	2700	2600	2500	2500	2100	1800	1700	1600
	.10	2200	2200	2200	2000	2000	1900	1900	1800	1300	900	800	600
	.90	5300	5300	5200	5100	4700	3800	3600	3500	3300	3200	3200	2900
	.50	3700	3700	3600	3500	3200	3200	3100	3100	2900	2800	2500	2100
	.10	2600	2600	2600	2600	2600	2600	2600	2600	2100	1800	1700	1200



TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3500	3500	3500	3500	3500	3500	3300	3200	3000	2500	2400	2200
		3200	3200	3200	3200	3200	3200	2900	2600	2300	2000	1700	1600
		2600	2600	2600	2600	2600	2600	2100	1900	1700	1100	800	700
		4200	4000	3700	3600	3500	3500	3500	3400	3300	3100	2700	2500
		3400	3400	3200	3200	3200	3200	2900	2900	2800	2500	2100	1900
		2800	2800	2600	2600	2600	2600	2200	2100	1900	1700	1300	900
		5400	5400	5300	5200	4900	4500	4000	4000	3900	3600	3500	3300
		3800	3800	3700	3700	3500	3500	3500	3500	3300	3100	3000	2800
		3000	2900	2900	2800	2500	2600	2600	2600	2500	2300	2100	1900
		3700	3700	3500	3500	3500	3500	3400	3300	3000	2600	2400	2300
5500	.90	3400	3400	3200	3200	3200	3200	2900	2800	2300	2000	1800	1600
		2800	2800	2600	2600	2600	2600	2200	2100	1700	1200	800	700
		4300	4000	3700	3700	3600	3500	3500	3500	3400	3300	3100	2800
		3400	3400	3200	3200	3200	3200	3100	3000	2900	2800	2500	2100
		2800	2800	2600	2600	2600	2600	2400	2200	2000	1900	1700	1300
		5400	5400	5300	5300	4800	4400	4000	4000	3900	3600	3500	3400
		3800	3800	3700	3700	3600	3500	3500	3500	3300	3200	3200	2900
		3000	3000	3000	2900	2500	2600	2600	2600	2500	2300	2100	2000
		3700	3700	3600	3500	3500	3500	3400	3400	3300	3100	2600	2500
		3400	3400	3200	3200	3200	3200	3000	2900	2800	2500	2100	1900
5600	.90	2800	2800	2600	2600	2600	2600	2400	2200	1900	1700	1300	900
		4300	4100	3700	3700	3700	3700	3700	3600	3500	3400	3300	3000
		3400	3400	3200	3200	3200	3200	3200	3200	3200	2900	2700	2300
		2800	2800	2600	2600	2600	2600	2400	2300	2200	2000	1900	1600
		5500	5400	5400	5300	4700	4400	4100	4000	3900	3700	3500	3400
		4000	3800	3800	3700	3600	3500	3500	3500	3300	3200	3200	2900
		3300	3100	3000	3000	2800	2600	2600	2600	2500	2300	2100	2000
		3800	3700	3600	3600	3500	3500	3500	3500	3400	3300	3300	2600
		3400	3400	3200	3200	3200	3200	3100	3000	2900	2800	2500	2100
		2800	2800	2600	2600	2600	2600	2400	2200	2100	1900	1700	1300
5700	.90	4600	4500	4100	3900	3900	3800	3800	3800	3600	3500	3300	3200
		3400	3400	3400	3400	3400	3300	3300	3300	3200	3000	2800	2600
		2800	2800	2600	2600	2600	2600	2500	2500	2300	2100	2000	
		5500	5400	5400	5300	4700	4400	4100	4000	3900	3700	3500	3400
		4000	4000	3800	3800	3600	3500	3500	3500	3400	3300	3300	2600
		3400	3400	3200	3200	3200	3200	3100	3000	2900	2800	2500	2100
		2800	2800	2600	2600	2600	2600	2400	2200	2100	1900	1700	1300
		4600	4500	4100	3900	3900	3800	3800	3800	3600	3500	3300	3200
		3400	3400	3400	3400	3400	3300	3300	3300	3200	3000	2800	2600
		2800	2800	2600	2600	2600	2600	2500	2500	2300	2100	2000	
5800	.90	5500	5400	5400	5300	4700	4400	4100	4000	3900	3700	3500	3400
		4000	4000	3800	3800	3600	3500	3500	3500	3400	3300	3300	2600
		3400	3400	3200	3200	3200	3200	3100	3000	2900	2800	2500	2100
		2800	2800	2600	2600	2600	2600	2400	2200	2100	1900	1700	1300
		5500	5400	5400	5300	4700	4400	4100	4000	3900	3700	3500	3400
		4000	4000	3800	3800	3600	3500	3500	3500	3400	3300	3300	2600
		3400	3400	3200	3200	3200	3200	3100	3000	2900	2800	2500	2100
		2800	2800	2600	2600	2600	2600	2400	2200	2100	1900	1700	1300
		5500	5400	5400	5300	4700	4400	4100	4000	3900	3700	3500	3400
		4000	4000	3800	3800	3600	3500	3500	3500	3400	3300	3300	2600
3400	3400	3200	3200	3200	3200	3100	3000	2900	2800	2500	2100		
2800	2800	2600	2600	2600	2600	2400	2200	2100	1900	1700	1300		

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
J	EXC.	EXC.											
5800	.90	4000	3700	3700	3700	3700	3700	3700	3600	3500	3400	3200	3000
	.50	3400	3200	3200	3200	3200	3200	3200	3200	3000	2900	2700	2300
	.10	2800	2600	2600	2600	2500	2600	2400	2400	2200	2000	1900	1700
	.90	4700	4600	4100	4000	4000	4000	4000	3900	3800	3500	3400	3300
	.50	3500	3500	3500	3500	3500	3500	3400	3400	3300	3000	2900	2700
	.10	2800	2800	2600	2600	2600	2600	2600	2600	2400	2200	2000	1900
	.90	5900	5900	5500	5200	4200	4500	4200	4100	3900	3700	3500	3400
	.50	4300	4300	4000	3800	3500	3600	3500	3500	3400	3200	3000	2900
	.10	3400	3300	3200	3100	3000	2600	2600	2600	2500	2300	2200	2000
5900	.90	4100	3900	3900	3900	3900	3800	3800	3800	3600	3500	3300	3200
	.50	3400	3400	3400	3400	3400	3300	3300	3300	3200	3000	2800	2600
	.10	2800	2800	2800	2600	2600	2600	2500	2500	2300	2100	2000	1800
	.90	4700	4700	4600	4500	4000	4000	4000	3900	3800	3500	3400	3300
	.50	3700	3600	3600	3500	3500	3500	3500	3400	3300	3100	2900	2800
	.10	3000	2900	2900	2800	2600	2600	2600	2600	2500	2200	2100	1900
	.90	6100	6100	6100	6100	6000	5300	4600	4400	4000	3700	3500	3500
	.50	4500	4500	4500	4500	4400	4000	3700	3600	3400	3200	3100	2900
	.10	3400	3400	3300	3300	3000	2800	2600	2600	2500	2400	2200	2000
6000	.90	4100	4000	4000	4000	4000	4000	3900	3900	3700	3500	3400	3300
	.50	3500	3500	3500	3500	3500	3500	3400	3400	3300	3100	2900	2700
	.10	2800	2800	2600	2600	2600	2600	2600	2600	2400	2200	2000	1900
	.90	4700	4700	4700	4600	4000	4000	4000	4000	3800	3600	3400	3300
	.50	3700	3700	3700	3600	3500	3500	3500	3500	3300	3100	3000	2800
	.10	3000	3000	3000	2900	2600	2600	2600	2600	2500	2300	2100	1900
	.90	6200	6200	6200	6200	6100	5900	5200	4600	4000	3800	3600	3500
	.50	4600	4600	4600	4600	4500	4300	4000	3700	3400	3200	3100	3000
	.10	3400	3400	3300	3300	3100	2800	2600	2600	2600	2400	2200	2100
6100	.90	4200	4000	4000	4000	4000	4000	4000	3900	3800	3500	3400	3300
	.50	3700	3600	3600	3500	3500	3500	3500	3400	3300	3100	2900	2800
	.10	3000	2900	2900	2800	2600	2600	2600	2600	2500	2200	2100	1900
	.90	4800	4800	4700	4600	4100	4000	4000	4000	3800	3600	3500	3300
	.50	4000	3800	3700	3700	3500	3500	3500	3500	3300	3100	3000	2900
	.10	3300	3100	3000	3000	2800	2600	2600	2600	2500	2300	2100	2000
	.90	6300	6300	6300	6200	6200	6100	5800	4800	4000	3800	3600	3500
	.50	4700	4700	4700	4600	4600	4500	4200	3900	3500	3300	3100	3000
	.10	3500	3400	3400	3400	3200	2900	2600	2600	2600	2400	2200	2100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4200	4100	4100	4000	4000	4000	4000	3900	3800	3600	3400	3300
	.50	3700	3700	3700	3600	3500	3500	3500	3500	3300	3100	3000	2800
	.10	3000	3000	3000	2900	2600	2600	2600	2600	2500	2300	2100	1900
	.90	4800	4800	4700	4600	4200	4000	4000	4000	3800	3600	3500	3400
	.50	4000	4000	3800	3700	3600	3500	3500	3500	3300	3200	3000	2900
	.10	3300	3300	3100	3000	2800	2600	2600	2600	2500	2300	2100	2000
	.90	6300	6300	6300	6300	6200	6100	6000	5200	4000	3800	3600	3500
	.50	4700	4700	4700	4700	4600	4500	4400	4100	3500	3300	3200	3000
	.10	3600	3600	3500	3400	3300	3000	2700	2600	2600	2400	2200	2100
6300	.90	4400	4200	4100	4100	4000	4000	4000	4000	3800	3600	3500	3300
	.50	4000	3800	3700	3700	3500	3500	3500	3500	3300	3100	3000	2800
	.10	3300	3100	3000	3000	2800	2600	2600	2600	2500	2300	2100	2000
	.90	4800	4800	4700	4600	4300	4000	4000	4000	3900	3600	3500	3400
	.50	4100	4000	3900	3800	3700	3500	3500	3500	3300	3200	3000	2900
	.10	3400	3300	3200	3200	3000	2600	2600	2600	2500	2300	2100	2000
	.90	6400	6400	6400	6400	6300	6200	6100	5800	4000	3800	3700	3500
	.50	4800	4800	4800	4800	4700	4600	4500	4300	3500	3300	3200	3000
	.10	3700	3700	3600	3500	3400	3100	2800	2600	2600	2400	2300	2100
6400	.90	4400	4400	4200	4100	4000	4000	4000	4000	3800	3600	3500	3400
	.50	4000	4000	3800	3700	3600	3500	3500	3500	3300	3200	3000	2900
	.10	3300	3300	3100	3000	2900	2600	2600	2600	2500	2300	2100	2000
	.90	4800	4800	4700	4600	4400	4100	4000	4000	3900	3700	3500	3400
	.50	4100	4100	4000	4000	3800	3500	3500	3500	3400	3200	3000	2900
	.10	3400	3400	3300	3300	3100	2800	2600	2600	2500	2400	2200	2000
	.90	6800	6800	6800	6800	6400	6300	6200	6000	4100	3900	3700	3500
	.50	5200	5200	5200	5200	4800	4700	4600	4400	3500	3300	3200	3000
	.10	3700	3700	3700	3600	3400	3200	2900	2600	2600	2400	2300	2100
6500	.90	4600	4500	4400	4300	4100	4000	4000	4000	3900	3600	3500	3400
	.50	4100	4000	3900	3900	3700	3500	3500	3500	3400	3200	3000	2900
	.10	3400	3300	3300	3200	3000	2600	2600	2600	2500	2300	2100	2000
	.90	5200	5200	4900	4700	4500	4200	4000	4000	3900	3700	3500	3400
	.50	4100	4100	4100	4000	3900	3600	3500	3500	3400	3200	3000	2900
	.10	3400	3400	3400	3300	3200	2800	2600	2600	2500	2300	2100	2000
	.90	6900	6900	6900	6900	6800	6400	6300	6100	4200	3900	3700	3500
	.50	5300	5300	5300	5300	5200	4800	4700	4500	3500	3400	3200	3100
	.10	4200	3800	3700	3600	3400	3300	3000	2700	2600	2400	2300	2200

PAGE 134  
 TABLE 2. GURGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING #UUA -- PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
6600	.90	4700	4700	4600	4500	4300	4100	4000	4000	3900	3700	3500	3400
	.50	4100	4100	4000	4000	3900	3500	3500	3500	3400	3200	3000	2900
	.10	3400	3400	3300	3300	3100	2800	2600	2600	2500	2400	2200	2000
	.90	5300	5300	5200	4800	4600	4300	4100	4000	3900	3700	3500	3400
	.50	4200	4100	4100	4100	3900	3600	3600	3500	3400	3200	3100	3000
	.10	3500	3400	3400	3400	3200	2900	2600	2600	2600	2400	2200	2100
	.90	6900	6900	6900	6900	6800	6700	6300	6200	6300	6200	6000	6000
	.50	5300	5300	5300	5300	5200	5100	4700	4600	4600	4300	4200	4100
	.10	4200	3900	3800	3700	3500	3300	3000	2800	2600	2400	2300	2200
	.90	4700	4700	4600	4500	4400	4100	4000	4000	3900	3700	3500	3400
6700	.50	4100	4100	4100	4000	3900	3600	3500	3500	3400	3200	3000	2900
	.10	3400	3400	3400	3300	3200	2900	2600	2600	2600	2400	2200	2000
	.90	5300	5300	5200	5100	4700	4500	4300	4100	3900	3700	3600	3500
	.50	4300	4300	4200	4100	4000	3700	3500	3500	3400	3200	3100	3000
	.10	3600	3600	3500	3400	3300	3000	2800	2600	2600	2400	2200	2100
	.90	6900	6900	6900	6900	6900	6800	6300	6200	6400	6300	6000	6000
	.50	5300	5300	5300	5300	5300	5200	4800	4700	4600	4400	4200	4100
	.10	4300	4200	3900	3800	3500	3300	3000	2800	2600	2400	2300	2200
	.90	4700	4700	4700	4600	4400	4200	4000	4000	3900	3700	3500	3400
	.50	4200	4100	4100	4100	3900	3600	3600	3500	3400	3200	3100	3000
6800	.90	4200	4100	4100	4100	3900	3600	3500	3500	3400	3200	3000	2900
	.50	3500	3400	3400	3400	3300	2900	2600	2600	2600	2400	2200	2100
	.10	5400	5400	5300	5200	4900	4600	4400	4200	4000	3800	3600	3500
	.90	4400	4400	4300	4200	4000	3800	3600	3500	3400	3200	3100	3000
	.50	3700	3700	3600	3500	3400	3100	2800	2600	2600	2400	2300	2100
	.10	7000	7000	7000	6900	6900	6800	6300	6200	6400	6300	6000	6000
	.90	5400	5400	5400	5300	5300	5200	4800	4700	4600	4400	4200	4100
	.50	4300	4300	3900	3900	3700	3400	3300	3000	2600	2500	2400	2200
	.10	4800	4800	4700	4700	4500	4300	4100	4000	3900	3700	3500	3400
	.90	4300	4300	4200	4100	4000	3700	3500	3500	3400	3200	3100	3000
6900	.50	3600	3600	3500	3400	3300	3000	2800	2600	2600	2400	2200	2100
	.10	5400	5400	5300	5200	5000	4700	4500	4300	4000	3800	3600	3500
	.90	4400	4400	4400	4300	4100	3900	3700	3500	3400	3200	3100	3000
	.50	3700	3700	3700	3600	3400	3200	2900	2600	2600	2400	2200	2100
	.10	7000	7000	7000	7000	7000	6900	6800	6300	6200	6000	5800	5500
	.90	5400	5400	5400	5300	5300	5200	4800	4700	4600	4400	4200	4100
	.50	4300	4300	3900	3900	3700	3400	3300	3000	2600	2500	2400	2200
	.10	4800	4800	4700	4700	4500	4300	4100	4000	3900	3700	3500	3400
	.90	4300	4300	4200	4100	4000	3700	3500	3500	3400	3200	3100	3000
	.50	3600	3600	3500	3400	3300	3000	2800	2600	2600	2400	2200	2100
7000	.90	5400	5400	5300	5200	5000	4700	4500	4300	4000	3800	3600	3500
	.50	4400	4400	4400	4300	4100	3900	3700	3500	3400	3200	3100	3000
	.10	3700	3700	3700	3600	3400	3200	2900	2600	2600	2400	2200	2100
	.90	7000	7000	7000	7000	6900	6800	6300	6200	6000	5800	5500	5200
	.50	5400	5400	5300	5200	5000	4700	4500	4300	4000	3800	3600	3500
	.10	4400	4400	4400	4300	4100	3900	3700	3500	3400	3200	3100	3000
	.90	3700	3700	3700	3600	3400	3200	2900	2600	2600	2400	2200	2100
	.50	7000	7000	7000	7000	6900	6800	6300	6200	6000	5800	5500	5200
	.10	5400	5400	5300	5200	5000	4700	4500	4300	4000	3800	3600	3500
	.90	4400	4400	4400	4300	4100	3900	3700	3500	3400	3200	3100	3000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	4800	4800	4700	4700	4600	4300	4100	4000	3900	3700	3600	3500
	.50	4400	4400	4300	4200	4000	3800	3600	3500	3400	3200	3100	3000
	.10	3700	3700	3600	3500	3400	3100	2800	2600	2600	2400	2300	2100
	.90	5400	5400	5300	5200	4900	4700	4500	4400	4000	3800	3600	3500
	.50	4900	4500	4400	4300	4100	3900	3700	3600	3400	3300	3100	3000
	.10	4200	3800	3700	3600	3400	3300	3000	2700	2600	2400	2300	2100
	.90	7000	7000	7000	7000	6900	6800	6700	6300	4600	4000	3800	3600
	.50	5400	5400	5400	5400	5300	5200	5100	4700	4000	3400	3300	3200
	.10	4300	4300	4000	3900	3800	3500	3300	3100	2600	2500	2400	2300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	900	900	900	800	800	800	700	700	600	500	500	400
	.50	600	600	600	500	500	400	400	300	200	100	100	100
	.10	300	300	300	200	100	0	0	0	0	0	0	0
	.90	1100	1100	1100	1100	1100	1000	800	800	700	600	600	500
	.50	700	700	700	700	700	600	500	400	300	200	200	100
	.10	400	400	300	300	300	200	200	0	0	0	0	0
	.90	2600	2500	2000	2000	1800	1500	1500	1500	1200	1000	900	800
	.50	1200	1100	1100	1100	1100	1100	1000	1000	700	500	400	300
	.10	700	700	700	700	700	700	600	600	400	100	0	0
1500	.90	900	900	900	900	800	800	800	700	600	600	500	500
	.50	700	700	600	600	500	400	400	300	200	200	100	100
	.10	400	400	300	300	200	0	0	0	0	0	0	0
	.90	1200	1100	1100	1100	1100	1100	1000	1000	800	700	600	500
	.50	800	800	800	800	700	700	700	600	400	300	200	100
	.10	500	500	500	500	400	300	300	300	0	0	0	0
	.90	2600	2500	2000	2000	1900	1600	1500	1500	1400	1100	1000	900
	.50	1200	1100	1100	1100	1100	1100	1100	1100	800	700	400	400
	.10	700	700	700	700	700	700	700	700	400	200	0	0
1600	.90	1100	1100	1100	1100	1100	1000	900	800	700	600	600	500
	.50	800	800	800	800	700	700	600	500	300	200	200	100
	.10	500	500	500	500	400	300	300	200	0	0	0	0
	.90	1200	1200	1100	1100	1100	1100	1100	1000	900	700	600	600
	.50	800	800	800	800	700	700	700	700	400	300	200	100
	.10	500	500	500	500	400	300	300	200	0	0	0	0
	.90	1700	1700	1700	1700	1700	1700	1700	1700	1500	1200	1100	1000
	.50	1300	1300	1300	1300	1200	1200	1100	1100	1000	700	600	500
	.10	900	900	900	900	800	800	700	700	600	300	100	0
	.90	1100	1100	1100	1100	1100	1000	1000	1000	800	700	600	500
	.50	800	800	800	800	700	700	700	700	400	300	200	100
	.10	500	500	500	500	400	300	300	300	0	0	0	0
	.90	1400	1200	1200	1200	1200	1100	1100	1100	900	700	600	600
	.50	800	800	800	800	800	800	700	700	400	300	200	200
	.10	500	500	500	500	400	300	300	300	0	0	0	0
	.90	2600	2500	2100	2000	1900	1700	1600	1600	1500	1200	1100	1000
	.50	1300	1300	1300	1300	1200	1200	1100	1100	1000	700	600	500
	.10	900	900	900	900	800	800	700	700	600	300	100	0
	.90	1100	1100	1100	1100	1100	1100	1000	1000	800	700	600	500
	.50	800	800	800	800	700	700	700	700	400	300	200	100
	.10	500	500	500	500	400	300	300	300	0	0	0	0
	.90	1400	1200	1200	1200	1200	1100	1100	1100	900	700	600	600
	.50	800	800	800	800	800	800	700	700	400	300	200	200
	.10	500	500	500	500	400	400	400	300	100	0	0	0
	.90	2600	2500	2100	2000	1900	1700	1700	1600	1500	1300	1200	1100
	.50	1300	1300	1300	1300	1300	1200	1200	1200	1100	800	700	600
	.10	900	900	900	900	800	800	800	800	700	400	300	100
	.90	1100	1100	1100	1100	1100	1100	1000	1000	800	700	600	500
	.50	800	800	800	800	700	700	700	700	400	300	200	100
	.10	500	500	500	500	400	300	300	300	0	0	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	.90	1100	1100	1100	1100	1100	1100	1000	800	700	600	500
	.50	.50	800	800	800	700	700	700	700	400	300	200	100
	.10	.10	500	500	500	400	400	300	300	0	0	0	0
	.90	.90	1400	1400	1200	1200	1200	1100	1100	1000	800	700	600
	.50	.50	1000	1000	900	800	800	800	800	600	400	300	200
	.10	.10	600	600	600	500	500	400	400	200	0	0	0
	.90	.90	3500	2600	2500	1900	1800	1700	1700	1500	1400	1200	1100
	.50	.50	2100	1500	1400	1300	1300	1200	1200	1100	800	700	700
	.10	.10	1100	1100	900	900	900	800	800	700	400	300	200
1900	.90	.90	1200	1200	1200	1200	1100	1100	1100	800	700	600	600
	.50	.50	900	900	900	800	800	800	700	500	300	200	200
	.10	.10	600	600	600	500	400	400	400	200	0	0	0
	.90	.90	1600	1600	1500	1400	1200	1200	1200	1100	800	700	600
	.50	.50	1100	1100	1100	1000	1000	900	800	700	400	300	200
	.10	.10	700	700	700	600	600	600	500	300	0	0	0
	.90	.90	3500	3500	2600	2500	1900	1700	1700	1500	1400	1300	1100
	.50	.50	2100	2100	1500	1500	1300	1300	1200	1100	800	700	700
	.10	.10	1100	1100	1100	1000	900	900	800	700	500	300	200
2000	.90	.90	1400	1400	1400	1200	1200	1200	1100	1000	800	700	600
	.50	.50	1000	1000	1000	900	800	800	800	700	400	300	200
	.10	.10	700	700	700	600	500	400	400	300	0	0	0
	.90	.90	1600	1600	1500	1500	1500	1400	1400	1100	900	800	700
	.50	.50	1100	1100	1100	1100	1100	1000	1000	800	500	400	300
	.10	.10	800	800	800	700	700	700	600	400	100	0	0
	.90	.90	3600	3500	2700	2600	1900	1900	1700	1600	1500	1300	1200
	.50	.50	2200	2100	1500	1500	1300	1300	1300	1100	1000	800	700
	.10	.10	1100	1100	1100	1100	900	900	900	700	500	400	300
2100	.90	.90	1500	1500	1500	1400	1300	1200	1200	1100	800	700	600
	.50	.50	1100	1100	1100	1000	1000	900	800	700	400	300	200
	.10	.10	800	800	800	700	600	600	500	300	0	0	0
	.90	.90	1600	1600	1500	1500	1500	1500	1500	1200	1000	800	800
	.50	.50	1100	1100	1100	1100	1100	1100	1100	800	700	400	300
	.10	.10	800	800	800	700	700	700	500	300	0	0	0
	.90	.90	3600	3500	2800	2700	2000	1900	1900	1700	1500	1400	1200
	.50	.50	2200	2100	1600	1500	1300	1300	1300	1200	1000	800	700
	.10	.10	1100	1100	1100	1100	900	900	900	700	500	400	300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1500	1500	1500	1500	1500	1500	1400	1400	1100	900	800	700
	.50	1100	1100	1100	1100	1100	1100	1000	1000	800	500	400	300
	.10	800	800	800	700	700	700	700	600	400	100	0	0
	.90	1700	1700	1700	1600	1600	1500	1500	1500	1400	1100	1000	900
	.50	1300	1300	1300	1200	1200	1100	1100	1100	1000	700	600	400
	.10	900	900	900	800	800	800	900	700	600	400	200	0
	.90	3600	3500	2800	2700	2200	2000	2000	1900	1700	1500	1500	1300
	.50	2200	2100	1600	1600	1500	1500	1300	1300	1200	1100	800	700
	.10	1200	1200	1200	1100	1100	1000	900	900	800	600	400	300
2300	.90	1500	1500	1500	1500	1500	1500	1500	1500	1200	1000	800	700
	.50	1100	1100	1100	1100	1100	1100	1100	1100	800	700	400	300
	.10	800	800	800	700	700	700	700	700	500	300	0	0
	.90	1700	1700	1700	1700	1700	1600	1600	1600	1500	1200	1100	1000
	.50	1300	1300	1300	1300	1300	1200	1200	1200	1100	800	700	500
	.10	1000	900	900	900	900	900	800	800	700	400	300	100
	.90	3600	3500	2900	2800	2600	2100	2100	2000	1800	1500	1500	1400
	.50	2200	2100	1700	1600	1500	1500	1500	1400	1300	1100	1000	800
	.10	1200	1200	1200	1200	1100	1100	900	900	800	700	500	400
2400	.90	1700	1700	1700	1700	1600	1600	1500	1500	1400	1100	1000	800
	.50	1300	1300	1300	1300	1200	1200	1100	1100	1000	700	600	400
	.10	1000	900	900	900	800	800	800	700	600	400	200	0
	.90	1900	1900	1800	1700	1700	1700	1600	1600	1500	1200	1100	1000
	.50	1500	1500	1400	1300	1300	1300	1200	1200	1100	800	700	600
	.10	1100	1100	1100	900	900	900	900	800	700	500	300	200
	.90	3600	3500	3000	2900	2600	2300	2100	2100	1900	1700	1500	1400
	.50	2200	2100	1800	1700	1500	1500	1500	1500	1300	1100	1100	800
	.10	1300	1300	1200	1200	1200	1100	1100	900	800	700	600	400
2500	.90	1700	1700	1700	1700	1700	1600	1600	1600	1500	1200	1100	900
	.50	1400	1400	1300	1300	1300	1300	1200	1200	1100	800	700	500
	.10	1100	1100	900	900	900	900	800	800	700	400	300	100
	.90	2000	2000	1900	1900	1700	1700	1700	1600	1500	1300	1200	1100
	.50	1500	1500	1500	1400	1300	1300	1300	1200	1100	800	700	700
	.10	1100	1100	1100	1100	900	900	900	900	700	500	400	200
	.90	3600	3500	3000	2900	2700	2300	2200	2100	1900	1700	1600	1500
	.50	2200	2100	1800	1700	1500	1600	1500	1500	1300	1200	1100	1000
	.10	1300	1300	1200	1200	1200	1100	1100	900	800	700	600	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % DF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1900	1700	1700	1700	1700	1700	1600	1600	1500	1200	1100	1000
	.50	1500	1400	1300	1300	1300	1300	1200	1200	1100	800	700	600
	.10	1100	1100	900	900	900	900	900	800	700	500	300	200
	.90	2000	2000	1900	1900	1900	1700	1700	1700	1500	1400	1200	1100
	.50	1500	1500	1500	1500	1400	1300	1300	1300	1100	900	700	700
	.10	1200	1100	1100	1100	1100	900	900	900	700	600	400	300
	.90	3600	3000	2900	2700	2700	2400	2400	2300	2000	1800	1600	1500
	.50	2200	2100	2000	2000	2000	1600	1600	1600	1300	1300	1100	1100
	.10	1800	1700	1700	1700	1700	1200	1100	1100	900	800	700	600
2700	.90	1900	1900	1700	1700	1700	1700	1600	1600	1500	1200	1100	1000
	.50	1500	1500	1500	1300	1300	1300	1300	1200	1100	800	700	600
	.10	1200	1100	1000	1000	1000	900	900	900	700	500	400	200
	.90	2100	2000	1900	1900	1900	1700	1700	1700	1500	1400	1200	1100
	.50	1500	1500	1500	1400	1400	1300	1300	1300	1100	1000	800	700
	.10	1200	1100	1100	1100	1100	900	900	900	800	600	400	300
	.90	3600	3000	3000	2700	2700	2500	2500	2400	2100	1900	1700	1600
	.50	2200	2100	2100	2100	2100	2100	2000	1700	1500	1300	1200	1100
	.10	1800	1800	1800	1800	1800	1700	1700	1200	900	800	700	600
2800	.90	1900	1900	1900	1900	1700	1700	1700	1600	1500	1300	1100	1100
	.50	1500	1500	1500	1500	1400	1300	1300	1300	1100	900	700	700
	.10	1200	1200	1100	1100	1100	900	900	900	700	600	400	300
	.90	2100	2100	2000	2000	1900	1900	1700	1700	1600	1500	1300	1200
	.50	1600	1600	1600	1500	1500	1400	1300	1300	1200	1000	800	700
	.10	1300	1300	1200	1100	1100	1100	900	900	800	600	400	300
	.90	3800	3600	3400	3000	2700	2500	2500	2500	2200	2000	1800	1700
	.50	2400	2300	2200	2200	2100	2100	2100	2000	1500	1300	1300	1100
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	900	700	700
2900	.90	1900	1900	1900	1900	1800	1700	1700	1700	1500	1400	1200	1100
	.50	1600	1600	1500	1500	1500	1300	1300	1300	1100	1000	800	700
	.10	1300	1300	1100	1100	1100	900	900	900	800	600	400	300
	.90	2100	2100	2100	2000	2000	1900	1800	1700	1600	1500	1400	1200
	.50	1600	1600	1600	1600	1500	1500	1300	1300	1200	1100	800	700
	.10	1300	1300	1200	1200	1100	1100	1000	900	800	700	400	300
	.90	3900	3600	3500	3500	2800	2600	2500	2500	2300	2000	1900	1700
	.50	2500	2400	2300	2200	2100	2100	2100	2000	1600	1400	1300	1200
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	900	800	700

PAGE 140  
 TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	2000	2000	2000	1900	1900	1700	1700	1700	1600	1400	1200	1100
	.50	1600	1600	1600	1500	1500	1400	1300	1300	1200	1000	800	700
	.10	1300	1300	1200	1200	1100	1100	900	900	800	600	400	300
	.90	2500	2100	2100	2000	2000	1900	1900	1800	1700	1500	1400	1300
	.50	1700	1700	1600	1600	1600	1500	1400	1300	1200	1100	900	800
	.10	1400	1400	1300	1200	1200	1100	1100	1000	900	700	500	400
	.90	4000	3800	3600	3600	3000	2600	2500	2500	2300	2100	2000	1800
	.50	2600	2400	2400	2300	2200	2100	2100	2000	1600	1500	1300	1300
	.10	1900	1900	1900	1900	1800	1800	1800	1700	1200	900	900	700
3100	.90	2100	2000	2000	2000	1900	1900	1700	1700	1600	1500	1300	1200
	.50	1700	1700	1600	1600	1500	1500	1400	1300	1200	1100	800	700
	.10	1400	1400	1300	1200	1100	1100	1100	900	800	700	400	300
	.90	2600	2500	2400	2400	2400	2000	2000	1900	1700	1600	1500	1400
	.50	2100	2100	2000	2000	2000	1600	1600	1500	1300	1100	1000	800
	.10	1800	1800	1700	1700	1700	1200	1200	1100	900	700	600	400
3200	.90	4100	3900	3700	3600	3400	2800	2600	2500	2400	2300	2100	2000
	.50	2700	2500	2500	2400	2300	2100	2100	2100	1900	1600	1500	1300
	.10	2200	2200	1900	1900	1800	1800	1800	1700	1500	1100	900	900
	.90	2100	2100	2000	2000	2000	1900	1800	1700	1600	1500	1400	1200
	.50	1900	1800	1800	1700	1600	1500	1500	1400	1200	1100	800	700
	.10	1600	1500	1500	1400	1200	1100	1100	1100	900	700	500	400
	.90	2600	2500	2500	2500	2500	2400	2400	2000	1900	1700	1500	1500
	.50	2100	2100	2100	2100	2100	2000	2000	1600	1300	1200	1100	1000
	.10	1800	1800	1800	1800	1800	1700	1700	1300	900	800	700	500
	.90	4300	4000	3900	3600	3500	3000	2900	2700	2500	2400	2200	2100
	.50	2900	2700	2600	2600	2600	2400	2100	2100	2000	1800	1600	1500
	.10	2400	2300	2300	2300	2300	1800	1800	1800	1600	1300	1100	900
3300	.90	2500	2500	2400	2400	2400	2000	2000	1900	1700	1500	1500	1300
	.50	2100	2100	2000	2000	2000	1700	1600	1500	1300	1100	1000	800
	.10	1800	1800	1700	1700	1700	1400	1200	1100	900	700	600	400
	.90	2600	2600	2600	2600	2500	2500	2400	2400	1900	1700	1600	1500
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1400	1200	1100	1000
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	800	700	600
	.90	4400	4100	3900	3700	3500	3100	3000	2900	2500	2400	2300	2200
	.50	3000	2700	2700	2700	2600	2600	2400	2100	2000	1900	1700	1600
	.10	2400	2400	2400	2400	2300	2200	2200	1800	1600	1400	1200	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2500	2500	2500	2500	2500	2400	2400	2000	1700	1600	1500	1400
	.50	2100	2100	2100	2100	2100	2000	2000	1800	1300	1200	1100	900
	.10	1800	1800	1800	1800	1800	1700	1700	1500	900	800	700	500
	.90	2600	2600	2600	2600	2500	2500	2500	2400	2000	1700	1600	1500
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1500	1300	1200	1100
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	900	700	600
	.90	4400	4100	4000	3800	3600	3100	3000	3000	2500	2400	2300	2200
	.50	3000	2700	2700	2700	2600	2600	2400	2200	2100	1900	1800	1600
	.10	2400	2400	2400	2400	2300	2300	1800	1800	1700	1500	1200	1100
3500	.90	2600	2600	2600	2600	2500	2500	2400	2400	1900	1700	1500	1500
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1400	1200	1100	1000
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	800	700	600
	.90	2700	2700	2600	2600	2500	2500	2500	2400	2000	1800	1700	1600
	.50	2200	2200	2200	2200	2100	2100	2100	2000	1500	1300	1200	1100
	.10	1900	1900	1900	1900	1800	1800	1800	1700	1100	900	700	700
3600	.90	4500	4200	4000	3800	3600	3100	3100	3000	2600	2400	2400	2200
	.50	3100	2800	2700	2700	2600	2600	2400	2300	2100	1900	1800	1600
	.10	2400	2400	2400	2400	2300	2300	1800	1800	1600	1500	1300	1100
	.90	2600	2600	2600	2600	2500	2500	2400	2400	1900	1700	1600	1500
	.50	2200	2200	2200	2200	2100	2100	2000	2000	1400	1300	1100	1000
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	900	700	600
	.90	3500	2900	2800	2700	2600	2500	2500	2400	2100	1900	1700	1600
	.50	2500	2500	2200	2200	2100	2100	2100	2000	1600	1300	1100	1100
	.10	2200	2200	1900	1900	1800	1800	1800	1700	1200	900	800	700
	.90	4500	4300	4000	3800	3600	3300	3100	3100	2600	2400	2400	2300
	.50	3100	2900	2700	2700	2700	2600	2500	2400	2100	1900	1800	1600
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1300	1100
3700	.90	2600	2600	2600	2600	2500	2500	2400	2400	1900	1700	1600	1500
	.50	2200	2200	2200	2200	2100	2100	2100	2000	1500	1300	1200	1100
	.10	1900	1900	1900	1900	1800	1800	1800	1700	1100	900	700	600
	.90	3500	3500	3000	3000	3000	2600	2500	2500	2300	2100	1900	1700
	.50	2700	2600	2600	2600	2600	2100	2100	2100	1900	1600	1300	1300
	.10	2400	2300	2300	2300	2300	1800	1800	1800	1500	1100	900	800
	.90	4600	4300	4000	3900	3600	3400	3300	3200	2700	2500	2400	2300
	.50	3200	2900	2800	2700	2700	2600	2600	2500	2100	2000	1800	1700
	.10	2600	2600	2400	2400	2400	2300	2100	1900	1700	1500	1300	1100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING HUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2900	2900	2600	2600	2500	2500	2500	2400	2000	1800	1700	1600
	.50	2500	2500	2200	2200	2100	2100	2100	2000	1600	1300	1200	1100
	.10	2200	2200	1900	1900	1800	1800	1800	1700	1200	900	800	700
	.90	3600	3500	3100	3100	3000	2900	2600	2500	2400	2200	2100	1900
	.50	2700	2700	2700	2700	2600	2500	2100	2100	2000	1700	1500	1300
	.10	2400	2400	2400	2400	2300	2200	1900	1800	1600	1400	1000	900
	.90	4600	4400	4000	3900	3600	3500	3400	3300	2800	2500	2400	2300
	.50	3200	3000	3000	2900	2700	2600	2600	2600	2200	2000	1900	1700
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1400	1200
3900	.90	3100	3000	3000	3000	3000	2500	2500	2500	2300	2000	1800	1700
	.50	2700	2600	2600	2600	2500	2100	2100	2100	1900	1500	1300	1200
	.10	2400	2300	2300	2300	2300	1800	1800	1800	1500	1100	900	800
	.90	3600	3500	3100	3100	3000	3000	2600	2500	2400	2300	2200	2000
	.50	2700	2700	2700	2700	2600	2600	2100	2100	2000	1800	1600	1400
	.10	2400	2400	2400	2400	2300	2300	1800	1800	1600	1500	1100	900
4000	.90	4900	4800	4400	4000	3700	3500	3400	3400	3000	2600	2400	2300
	.50	3500	3400	3000	3000	2800	2700	2600	2600	2400	2000	1900	1800
	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1600	1400	1200
	.90	3100	3100	3100	3100	3000	2900	2500	2500	2400	2200	2000	1800
	.50	2700	2700	2700	2700	2600	2500	2100	2100	2000	1700	1500	1300
	.10	2400	2400	2400	2400	2300	2200	1800	1800	1600	1400	1000	900
	.90	3600	3500	3100	3100	3000	3000	2700	2600	2500	2400	2200	2100
	.50	2700	2700	2700	2700	2600	2600	2200	2100	2000	1900	1600	1500
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1700	1500	1200	1000
	.90	5000	5000	4900	4400	3700	3600	3500	3400	3000	2600	2400	2400
	.50	3600	3600	3500	3000	3000	2700	2700	2600	2400	2000	1900	1800
	.10	2700	2700	2700	2700	2400	2400	2300	2100	1800	1600	1400	1300
4100	.90	3100	3100	3100	3100	3000	3000	2600	2500	2400	2300	2100	1900
	.50	2700	2700	2700	2700	2600	2600	2200	2100	2000	1800	1500	1300
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1100	900
	.90	3600	3500	3100	3100	3100	3000	2800	2600	2500	2400	2300	2200
	.50	2700	2700	2700	2700	2600	2600	2400	2200	2000	1900	1700	1600
	.10	2400	2400	2400	2400	2300	2300	2400	2200	2000	1900	1200	1000
	.90	5000	5000	4900	4800	3900	3600	3500	3400	3100	2600	2500	2400
	.50	3600	3600	3500	3400	3000	2700	2700	2600	2400	2100	1900	1800
	.10	2700	2700	2700	2700	2600	2600	2400	2200	2000	1900	1200	1000
	.90	5000	5000	4900	4800	3900	3600	3500	3400	3100	2600	2500	2400
	.50	3600	3600	3500	3400	3000	2700	2700	2600	2400	2100	1900	1800
	.10	2700	2700	2700	2700	2600	2600	2400	2200	2000	1900	1200	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	3100	3100	3100	3100	3000	3000	2600	2600	2500	2300	2200	2000
	.50	2700	2700	2700	2700	2600	2600	2400	2200	2100	1900	1600	1500
	.10	2400	2400	2400	2400	2300	2300	2100	1900	1700	1500	1200	900
	.90	3600	3500	3100	3100	3100	3000	2900	2600	2500	2400	2300	2200
	.50	2900	2900	2700	2700	2700	2600	2400	2300	2000	1900	1700	1600
	.10	2600	2600	2400	2400	2400	2300	2100	2000	1600	1500	1200	1100
	.90	5000	5000	5000	4900	3900	3600	3500	3500	3100	2600	2500	2400
	.50	3600	3600	3600	3500	3000	2800	2700	2700	2500	2100	1900	1900
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1600	1500	1300
4300	.90	3100	3100	3100	3100	3000	3000	2600	2600	2400	2300	2200	2000
	.50	2700	2700	2700	2700	2600	2600	2400	2300	2000	1900	1600	1500
	.10	2400	2400	2400	2400	2300	2300	2100	2000	1700	1500	1200	1000
	.90	3600	3500	3400	3300	3100	3000	2700	2700	2500	2400	2300	2200
	.50	3000	3000	3000	2900	2700	2600	2500	2400	2000	1900	1800	1600
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1300	1100
	.90	5100	5100	5000	4900	4000	3700	3500	3500	3100	2600	2500	2400
	.50	3700	3700	3600	3500	3000	2800	2700	2700	2500	2100	2000	1900
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1600	1500	1400
	.90	3500	3300	3100	3100	3100	3000	2600	2600	2500	2400	2200	2100
	.50	2900	2900	2700	2700	2700	2600	2400	2400	2000	1900	1700	1500
	.10	2600	2600	2400	2400	2400	2300	2100	2100	1600	1500	1200	1000
	.90	3600	3600	3400	3400	3100	3100	3000	2900	2600	2400	2300	2200
	.50	3000	3000	3000	3000	2700	2600	2600	2400	2100	1900	1800	1600
	.10	2700	2700	2700	2700	2400	2300	2300	2100	1700	1500	1300	1100
	.90	5100	5100	5000	4900	4000	3700	3500	3500	3200	2700	2500	2400
	.50	3700	3700	3600	3500	3000	2800	2700	2700	2500	2200	2000	1900
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1700	1500	1400
4500	.90	3500	3500	3400	3300	3100	3000	2900	2600	2500	2400	2300	2200
	.50	3000	3000	3000	2900	2700	2600	2500	2400	2000	1900	1700	1600
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1300	1100
	.90	5100	5100	5000	4900	4000	3700	3500	3500	3200	2700	2500	2400
	.50	3700	3700	3600	3500	3000	2800	2700	2700	2500	2200	2000	1900
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1700	1500	1400
	.90	3500	3500	3400	3300	3100	3000	2900	2600	2500	2400	2300	2200
	.50	3000	3000	3000	2900	2700	2600	2500	2400	2000	1900	1700	1600
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1300	1100
	.90	5100	5100	5000	4900	4000	3700	3500	3500	3200	2700	2500	2400
	.50	3700	3700	3600	3500	3000	2800	2700	2700	2500	2200	2000	1900
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1700	1500	1400
	.90	3600	3600	3500	3400	3300	3100	3000	3000	2600	2400	2400	2300
	.50	3000	3000	3000	3000	2700	2700	2600	2400	2100	1900	1800	1700
	.10	2700	2700	2700	2700	2400	2400	2300	2100	1800	1500	1300	1200
	.90	5100	5100	5000	4900	4100	3700	3600	3500	3200	2700	2600	2400
	.50	3700	3700	3600	3500	3000	2800	2700	2700	2500	2200	2000	1900
	.10	2700	2700	2700	2700	2500	2400	2400	2300	1900	1700	1500	1400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3600	3500	3400	3400	3100	3000	3000	2700	2500	2400	2300	2200
	.50	3000	3000	3000	3000	2700	2600	2600	2400	2100	1900	1800	1600
	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1100
	.90	3800	3600	3500	3500	3400	3100	3100	3000	2600	2500	2400	2300
	.50	3000	3000	3000	3000	2700	2700	2600	2500	2100	1900	1900	1700
	.10	2700	2700	2700	2700	2400	2400	2300	2100	1800	1500	1400	1200
	.90	5100	5100	5000	4900	4100	3700	3600	3500	3300	2700	2600	2500
	.50	3700	3700	3600	3500	3300	3000	2800	2700	2600	2200	2000	1900
	.10	3000	3000	3000	3000	2700	2400	2400	2300	1900	1700	1500	1400
4700	.90	3600	3500	3400	3400	3100	3100	3000	2900	2600	2400	2300	2200
	.50	3000	3000	3000	3000	2700	2700	2600	2400	2100	1900	1800	1600
	.10	2700	2700	2700	2700	2400	2400	2300	2100	1800	1500	1300	1200
	.90	3900	3600	3600	3600	3400	3300	3200	3100	2700	2500	2400	2300
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	2000	1900	1700
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1500	1400	1300
	.90	5500	5500	5200	5000	4400	3800	3600	3500	3400	2900	2600	2500
	.50	4100	4100	3800	3600	3300	3300	3000	2800	2600	2300	2100	1900
	.10	3000	3000	3000	3000	3000	2600	2400	2400	2100	1800	1500	1400
4800	.90	3600	3500	3400	3400	3200	3100	3000	2900	2600	2400	2300	2200
	.50	3000	3000	3000	3000	2700	2700	2600	2500	2100	1900	1800	1700
	.10	2700	2700	2700	2700	2400	2400	2300	2200	1800	1500	1300	1200
	.90	4000	3800	3500	3600	3500	3400	3300	3200	2700	2500	2400	2300
	.50	3000	3000	3000	3000	2800	2700	2700	2600	2300	2000	1900	1800
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1600	1400	1300
	.90	5600	5600	5500	5100	4900	4000	3700	3600	3500	3300	3000	2700
	.50	4200	4200	4100	3700	3500	3300	3100	3100	3000	2700	2400	2100
	.10	3000	3000	3000	3000	3000	2700	2700	2700	2500	2100	1800	1600
4900	.90	3600	3500	3400	3400	3200	3100	3000	3000	2600	2500	2400	2300
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	2000	1900	1800
	.10	2700	2700	2700	2700	2400	2400	2300	2300	1800	1600	1400	1300
	.90	5600	5600	5500	5100	4900	4000	3700	3600	3500	3300	3000	2700
	.50	4200	4200	4100	3700	3500	3300	3100	3100	3000	2700	2400	2100
	.10	3000	3000	3000	3000	3000	2700	2700	2700	2500	2100	1800	1600
	.90	3600	3500	3400	3400	3200	3100	3000	3000	2600	2500	2400	2300
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	2000	1900	1800
	.10	2700	2700	2700	2700	2400	2400	2300	2300	1800	1600	1400	1200
	.90	5600	5600	5500	5400	5000	4100	3700	3600	3500	3300	3000	2700
	.50	4200	4200	4100	4000	3600	3300	3300	3300	3100	2600	2400	2300
	.10	3000	3000	3000	3000	3000	2700	2700	2700	2500	2100	1800	1600
	.90	3600	3500	3400	3400	3200	3100	3000	3000	2600	2500	2400	2300
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	2000	1900	1800
	.10	2700	2700	2700	2700	2400	2400	2300	2300	1800	1600	1500	1300
	.90	5600	5600	5500	5400	5000	4100	3700	3600	3500	3300	3000	2700
	.50	4200	4200	4100	4000	3600	3300	3300	3300	3100	2600	2400	2300
	.10	3000	3000	3000	3000	3000	2700	2700	2700	2500	2100	1800	1600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3600	3500	3400	3400	3300	3100	3100	3000	2600	2500	2400	2300
	.50	3000	3000	3000	3000	2800	2700	2600	2600	2200	1900	1900	1700
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1500	1400	1300
	.90	4300	4000	3900	3700	3600	3500	3400	3400	3000	2600	2500	2400
	.50	3300	3300	3300	3300	3000	2700	2700	2700	2400	2100	1900	1800
	.10	3000	3000	3000	3000	2700	2400	2400	2300	1900	1600	1500	1300
	.90	5700	5700	5600	5500	5200	4700	3900	3800	3700	3500	3400	3300
	.50	4300	4300	4200	4100	3800	3400	3400	3400	3300	3100	2900	2600
	.10	3200	3200	3000	3000	3000	3000	3000	3000	2800	2700	2400	2000
5100	.90	3600	3600	3500	3500	3400	3200	3100	3100	2700	2500	2400	2300
	.50	3300	3300	3300	3300	3000	2700	2700	2600	2300	2000	1900	1800
	.10	3000	3000	3000	3000	2700	2400	2400	2300	1900	1600	1400	1300
	.90	4400	4100	3900	3700	3600	3500	3500	3400	3100	2600	2500	2400
	.50	3300	3300	3300	3300	3000	2900	2700	2700	2500	2100	1900	1900
	.10	3000	3000	3000	3000	3000	2600	2400	2400	1900	1700	1500	1400
	.90	5700	5700	5600	5500	5300	4900	4000	4000	3800	3600	3500	3400
	.50	4300	4300	4200	4100	3900	3600	3600	3500	3400	3200	3000	2800
	.10	3200	3200	3200	3200	3200	3100	3100	3100	3000	2800	2600	2400
5200	.90	3700	3600	3500	3500	3500	3400	3300	3200	2800	2600	2400	2300
	.50	3300	3300	3300	3300	3300	2900	2700	2700	2400	2000	1900	1800
	.10	3000	3000	3000	3000	3000	2600	2400	2400	1900	1600	1500	1300
	.90	4400	4100	4000	3800	3600	3500	3500	3500	3100	2600	2500	2400
	.50	3300	3300	3300	3300	3300	3000	2800	2700	2500	2200	1900	1900
	.10	3000	3000	3000	3000	3000	2700	2500	2400	2000	1700	1500	1400
	.90	5700	5700	5600	5500	5200	4800	4100	4100	3900	3700	3500	3400
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500
5300	.90	3700	3700	3600	3500	3500	3500	3400	3400	3000	2600	2500	2300
	.50	3300	3300	3300	3300	3300	3000	2800	2700	2400	2100	1900	1800
	.10	3000	3000	3000	3000	3000	2700	2400	2400	2000	1700	1500	1300
	.90	4500	4200	4000	3800	3600	3500	3500	3500	3200	2700	2600	2400
	.50	3300	3300	3300	3300	3300	3300	3000	2800	2600	2200	2000	1900
	.10	3000	3000	3000	3000	3000	3000	2600	2400	2100	1800	1500	1400
	.90	5700	5700	5600	5500	5200	4800	4100	4100	3900	3700	3500	3500
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500
	.90	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.50	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500
	.10	3000	3000	3000	3000	3000	3000	2800	2700	2400	2100	1900	1800
	.90	5700	5700	5600	5500	5200	4800	4100	4100	3900	3700	3500	3500
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500
	.90	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.50	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500
	.10	3000	3000	3000	3000	3000	3000	2800	2700	2400	2100	1900	1800
	.90	5700	5700	5600	5500	5200	4800	4100	4100	3900	3700	3500	3500
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500

PAGE 146

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	.90	3800	3700	3600	3500	3500	3500	3400	3100	2600	2500	2400
	.50	.50	3300	3300	3300	3300	3300	2900	2700	2500	2100	1900	1800
	.10	.10	3000	3000	3000	3000	3000	2600	2400	2100	1700	1500	1400
	.90	.90	4500	4300	4000	3800	3500	3500	3500	3400	3300	2900	2600
	.50	.50	3500	3500	3300	3300	3300	3100	3100	3000	2600	2300	2100
	.10	.10	3200	3200	3000	3000	3000	2700	2700	2600	2300	1800	1600
	.90	.90	5700	5700	5600	5500	4700	4100	4100	4000	3700	3600	3500
	.50	.50	4300	4300	4200	4100	3700	3700	3700	3500	3300	3100	3000
	.10	.10	3500	3400	3400	3300	3300	3300	3200	3100	2900	2700	2600
5500	.90	.90	3900	3800	3600	3500	3500	3500	3400	3200	2600	2500	2400
	.50	.50	3500	3500	3300	3300	3300	3000	2900	2600	2200	2000	1900
	.10	.10	3200	3200	3000	3000	3000	2700	2600	2100	1800	1500	1400
	.90	.90	4600	4300	4000	3900	3600	3600	3600	3500	3400	3300	2900
	.50	.50	3500	3500	3300	3300	3300	3300	3200	3100	3000	2600	2400
	.10	.10	3200	3200	3000	3000	3000	2900	2800	2700	2600	2200	1800
	.90	.90	5700	5700	5600	5600	4700	4100	4100	4000	3700	3600	3500
	.50	.50	4300	4300	4200	4200	3700	3700	3700	3500	3300	3200	3100
	.10	.10	3500	3500	3400	3400	3300	3300	3300	3100	2900	2800	2600
5600	.90	.90	4000	3800	3700	3600	3500	3500	3500	3400	3200	2700	2600
	.50	.50	3500	3500	3300	3300	3300	3100	3100	3000	2700	2300	2100
	.10	.10	3200	3200	3000	3000	3000	2800	2700	2600	2300	1800	1600
	.90	.90	4600	4400	4000	3900	3800	3800	3700	3600	3500	3400	3200
	.50	.50	3500	3500	3400	3400	3400	3300	3300	3200	3100	2900	2600
	.10	.10	3200	3200	3000	3000	3000	3000	3000	2800	2700	2500	2100
	.90	.90	5800	5700	5700	5600	4600	4200	4100	4000	3800	3600	3500
	.50	.50	4400	4300	4300	4200	3700	3700	3700	3600	3300	3200	3100
	.10	.10	3800	3600	3500	3300	3300	3300	3300	3100	3000	2800	2700
5700	.90	.90	4100	3900	3700	3700	3600	3600	3600	3500	3400	3200	2800
	.50	.50	3500	3500	3300	3300	3300	3300	3200	3100	3000	2600	2300
	.10	.10	3200	3200	3000	3000	3000	2900	2800	2700	2600	2300	1800
	.90	.90	4900	4800	4400	4000	4000	4200	4100	4000	3800	3600	3500
	.50	.50	3600	3600	3600	3500	3500	3500	3500	3300	3200	3000	2800
	.10	.10	3200	3200	3200	3200	3100	3100	3100	3000	2800	2600	2400
	.90	.90	5800	5700	5600	5600	4600	4200	4100	4000	3800	3600	3500
	.50	.50	4400	4300	4300	4200	3700	3700	3700	3600	3300	3200	3100
	.10	.10	3800	3600	3500	3300	3300	3300	3300	3100	3000	2800	2700
	.90	.90	4900	4800	4400	4000	4000	4200	4100	4000	3800	3600	3500
	.50	.50	3600	3600	3600	3500	3500	3500	3500	3300	3200	3000	2800
	.10	.10	3200	3200	3200	3200	3100	3100	3100	3000	2800	2600	2400
	.90	.90	5800	5700	5600	5600	4600	4200	4100	4000	3800	3600	3500
	.50	.50	4400	4300	4300	4200	3700	3700	3700	3600	3300	3200	3100
	.10	.10	3800	3600	3500	3300	3300	3300	3300	3100	3000	2800	2700
	.90	.90	4900	4800	4400	4000	4000	4200	4100	4000	3800	3600	3500
	.50	.50	3600	3600	3600	3500	3500	3500	3500	3300	3200	3000	2800
	.10	.10	3200	3200	3200	3200	3100	3100	3100	3000	2800	2600	2400
	.90	.90	5800	5700	5600	5600	4600	4200	4100	4000	3800	3600	3500
	.50	.50	4400	4300	4300	4200	3700	3700	3700	3600	3300	3200	3100
	.10	.10	3800	3600	3500	3300	3300	3300	3300	3100	3000	2800	2700



TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
%	EXC.	EXC.											
6200	.90	4500	4300	4200	4100	4100	4100	4100	4100	3900	3700	3500	3400
	.50	3800	3800	3800	3700	3700	3700	3700	3600	3500	3300	3100	3000
	.10	3500	3500	3500	3400	3300	3300	3300	3300	3100	2900	2800	2600
	.90	5100	5100	5000	4900	4300	4100	4100	4100	4000	3700	3600	3500
	.50	4100	4100	3900	3800	3700	3700	3700	3700	3500	3300	3200	3100
	.10	3800	3800	3600	3500	3400	3300	3300	3300	3100	3000	2800	2700
	.90	6600	6600	6600	6600	6500	6400	6300	5500	4100	3900	3700	3600
	.50	5200	5200	5200	5200	5100	5000	4900	4300	3700	3500	3300	3200
	.10	4100	4100	4000	3900	3800	3500	3500	3400	3300	3100	2900	2800
6300	.90	4600	4400	4200	4200	4100	4100	4100	4100	3900	3700	3500	3500
	.50	4100	3900	3800	3800	3700	3700	3700	3700	3500	3300	3100	3000
	.10	3800	3600	3500	3500	3300	3300	3300	3300	3100	2900	2800	2600
	.90	5100	5100	5000	4900	4400	4100	4100	4100	4000	3700	3600	3500
	.50	4200	4100	4000	3900	3800	3700	3700	3700	3600	3300	3200	3100
	.10	3900	3800	3700	3600	3500	3300	3300	3300	3100	3000	2800	2700
	.90	6700	6700	6700	6700	6600	6500	6400	6100	4100	4000	3800	3600
	.50	5300	5300	5300	5300	5200	5100	5000	4700	3700	3500	3300	3200
	.10	4200	4200	4100	4000	3900	3600	3500	3500	3300	3100	3000	2800
6400	.90	4600	4500	4300	4200	4100	4100	4100	4100	3900	3700	3500	3500
	.50	4100	4100	3900	3800	3700	3700	3700	3700	3500	3300	3200	3100
	.10	3800	3800	3600	3500	3400	3300	3300	3300	3100	3000	2800	2700
	.90	5100	5100	5000	4900	4500	4200	4100	4100	4000	3800	3600	3500
	.50	4200	4200	4100	4100	3900	3700	3700	3700	3600	3400	3200	3100
	.10	3900	3900	3800	3800	3600	3300	3300	3300	3200	3000	2800	2700
	.90	7100	7100	7100	7100	6700	6600	6500	6300	4200	4000	3800	3600
	.50	5700	5700	5700	5700	5300	5200	5100	4900	3700	3500	3400	3200
	.10	4200	4200	4200	4100	4000	3900	3600	3500	3300	3100	3000	2800
	.90	4900	4800	4500	4400	4200	4100	4100	4100	4000	3700	3600	3500
	.50	4200	4100	4000	4000	3800	3700	3700	3700	3500	3300	3200	3100
	.10	3900	3800	3700	3700	3500	3300	3300	3300	3200	3000	2800	2700
	.90	5500	5500	5200	5000	4600	4300	4100	4100	4000	3800	3600	3500
	.50	4200	4200	4200	4100	4000	3800	3700	3700	3600	3400	3200	3100
	.10	3900	3900	3900	3800	3700	3400	3300	3300	3200	3000	2800	2700
	.90	7200	7200	7200	7200	7100	6700	6600	6400	4300	4000	3800	3500
	.50	5800	5800	5800	5800	5700	5300	5200	5000	3700	3500	3400	3200
	.10	4700	4300	4200	4100	4100	4000	3800	3600	3300	3100	3000	2800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	5000	5000	4900	4600	4400	4200	4100	4100	4000	3800	3600	3500
	.50	4200	4200	4100	4100	3900	3700	3700	3700	3600	3300	3200	3100
	.10	3900	3900	3800	3800	3600	3300	3300	3300	3200	3000	2800	2700
	.90	5600	5600	5500	5100	4900	4400	4200	4100	4000	3800	3600	3500
	.50	4300	4200	4200	4200	4000	3800	3700	3700	3600	3400	3300	3100
	.10	4000	3900	3900	3900	3700	3400	3300	3300	3200	3000	2800	2700
	.90	7200	7200	7200	7200	7100	7000	6600	6500	4400	4000	3800	3700
	.50	5800	5800	5800	5800	5700	5600	5200	5100	3800	3600	3400	3300
	.10	4700	4400	4300	4200	4100	4000	3900	3800	3300	3200	3000	2900
6700	.90	5000	5000	4900	4800	4500	4200	4100	4100	4000	3800	3600	3500
	.50	4200	4200	4200	4100	4000	3700	3700	3700	3600	3400	3200	3100
	.10	3900	3900	3900	3800	3700	3400	3300	3300	3200	3000	2800	2700
	.90	5600	5600	5500	5400	5000	4700	4400	4200	4000	3900	3700	3500
	.50	4400	4400	4300	4200	4100	3900	3800	3700	3600	3400	3300	3100
	.10	4100	4100	4000	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	7200	7200	7200	7200	7200	7100	6600	6500	4500	4000	3900	3700
	.50	5800	5800	5800	5800	5800	5700	5200	5100	3900	3600	3400	3300
	.10	4800	4700	4400	4300	4100	4100	4000	3900	3300	3200	3000	2900
	.90	5000	5000	5000	4900	4600	4200	4100	4100	4000	3800	3600	3500
	.50	4300	4200	4200	4200	4000	3800	3700	3700	3600	3400	3300	3100
	.10	4000	3900	3900	3900	3700	3400	3300	3300	3200	3000	2800	2700
	.90	5700	5700	5600	5500	5200	4800	4500	4300	4100	3900	3700	3600
	.50	4500	4500	4400	4300	4200	4000	3900	3700	3600	3400	3300	3200
	.10	4200	4200	4100	4000	3800	3600	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7200	7200	7100	6700	6600	4600	4000	3900	3700
	.50	5900	5900	5900	5800	5800	5700	5300	5200	4000	3600	3400	3300
	.10	4800	4800	4400	4400	4200	4100	4000	4000	3300	3200	3000	2900
	.90	5100	5100	5000	4900	4700	4400	4200	4100	4000	3800	3600	3500
	.50	4400	4400	4300	4200	4100	3800	3700	3700	3600	3400	3300	3100
	.10	4100	4100	4000	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5300	4900	4600	4500	4100	3900	3700	3600
	.50	4500	4500	4500	4400	4200	4100	3900	3800	3600	3500	3300	3200
	.10	4200	4200	4200	4100	3900	3700	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	6700	6600	4700	4100	3900	3700
	.50	5900	5900	5900	5900	5800	5700	5300	5200	4100	3600	3500	3300
	.10	4800	4800	4500	4400	4200	4100	3900	3800	3600	3500	3300	3200
6900	.90	5000	5000	4900	4800	4500	4200	4100	4100	4000	3800	3600	3500
	.50	4200	4200	4200	4100	4000	3700	3700	3700	3600	3400	3300	3100
	.10	3900	3900	3900	3800	3700	3400	3300	3300	3200	3000	2900	2800
	.90	5600	5600	5500	5100	4900	4400	4200	4100	4000	3800	3600	3500
	.50	4300	4200	4200	4200	4000	3800	3700	3700	3600	3400	3300	3100
	.10	4000	3900	3900	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	7200	7200	7200	7200	7100	7000	6600	6500	4500	4000	3900	3700
	.50	5800	5800	5800	5800	5700	5600	5200	5100	3900	3600	3400	3300
	.10	4700	4400	4300	4200	4100	4000	3900	3900	3300	3200	3000	2900
	.90	5000	5000	4900	4800	4500	4200	4100	4100	4000	3800	3600	3500
	.50	4200	4200	4200	4100	4000	3700	3700	3700	3600	3400	3300	3100
	.10	3900	3900	3900	3800	3700	3400	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5300	4900	4600	4500	4100	3900	3700	3600
	.50	4500	4500	4500	4400	4200	4100	3900	3800	3600	3500	3300	3200
	.10	4200	4200	4200	4100	3900	3700	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	6700	6600	4700	4100	3900	3700
	.50	5900	5900	5900	5900	5800	5700	5300	5200	4100	3600	3500	3300
	.10	4800	4800	4500	4400	4200	4100	3900	3800	3600	3500	3300	3200
6900	.90	5000	5000	4900	4800	4500	4200	4100	4100	4000	3800	3600	3500
	.50	4200	4200	4200	4100	4000	3700	3700	3700	3600	3400	3300	3100
	.10	3900	3900	3900	3800	3700	3400	3300	3300	3200	3000	2900	2800
	.90	5600	5600	5500	5100	4900	4400	4200	4100	4000	3800	3600	3500
	.50	4300	4200	4200	4200	4000	3800	3700	3700	3600	3400	3300	3100
	.10	4000	3900	3900	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	7200	7200	7200	7200	7100	7000	6600	6500	4500	4000	3900	3700
	.50	5800	5800	5800	5800	5700	5600	5200	5100	3900	3600	3400	3300
	.10	4700	4400	4300	4200	4100	4000	3900	3900	3300	3200	3000	2900
	.90	5000	5000	4900	4800	4500	4200	4100	4100	4000	3800	3600	3500
	.50	4200	4200	4200	4100	4000	3700	3700	3700	3600	3400	3300	3100
	.10	3900	3900	3900	3800	3700	3400	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5300	4900	4600	4500	4100	3900	3700	3600
	.50	4500	4500	4500	4400	4200	4100	3900	3800	3600	3500	3300	3200
	.10	4200	4200	4200	4100	3900	3700	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	6700	6600	4700	4100	3900	3700
	.50	5900	5900	5900	5900	5800	5700	5300	5200	4100	3600	3500	3300
	.10	4800	4800	4500	4400	4200	4100	3900	3800	3600	3500	3300	3200

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	5100	5100	5000	4900	4700	4500	4200	4100	4000	3800	3700	3500
	.50	4500	4500	4400	4300	4100	3900	3700	3700	3600	3400	3300	3100
	.10	4200	4200	4100	4000	3800	3600	3400	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5200	4900	4700	4500	4100	3900	3700	3600
	.50	5000	4600	4500	4400	4300	4100	4000	3800	3600	3500	3300	3200
	.10	4700	4300	4200	4100	3900	3700	3500	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	7000	6600	4700	4100	3900	3700
	.50	5900	5900	5900	5900	5800	5700	5600	5200	4100	3600	3500	3300
	.10	4800	4800	4500	4400	4300	4100	4100	4000	3400	3200	3000	2900

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	900	900	900	800	800	800	700	600	600	500	400	400
	.50	600	600	600	600	500	500	500	400	300	200	200	100
	.10	300	300	300	200	100	0	0	0	0	0	0	0
	.90	1100	1100	1100	1100	1100	1000	800	800	700	600	500	500
	.50	800	800	800	800	800	700	600	500	400	300	300	200
	.10	400	400	300	300	300	300	200	0	0	0	0	0
	.90	2600	2500	2000	2000	1800	1500	1500	1500	1200	1000	900	800
	.50	1500	1400	1200	1200	1200	1200	1100	1100	800	600	500	400
	.10	700	700	700	700	700	700	600	600	400	100	0	0
1500	.90	900	900	900	900	800	800	800	700	600	500	500	400
	.50	700	700	600	600	500	500	500	400	300	300	200	200
	.10	400	400	300	300	200	0	0	0	0	0	0	0
	.90	1200	1100	1100	1100	1100	1100	1000	1000	800	600	600	500
	.50	800	800	800	800	800	800	800	700	500	400	300	200
	.10	500	500	500	500	400	300	300	300	0	0	0	0
	.90	2600	2500	2000	2000	1900	1600	1500	1500	1400	1100	900	800
	.50	1500	1400	1200	1200	1200	1200	1200	1200	900	800	500	500
	.10	700	700	700	700	700	700	700	700	400	200	0	0
1600	.90	1100	1100	1100	1100	1100	1000	900	800	700	600	500	500
	.50	800	800	800	800	800	800	700	600	400	300	300	200
	.10	500	500	500	500	400	300	300	200	0	0	0	0
	.90	1200	1200	1100	1100	1100	1100	1100	1000	800	700	600	500
	.50	800	800	800	800	800	800	800	700	500	400	300	200
	.10	500	500	500	500	400	300	300	200	0	0	0	0
	.90	2600	2500	2100	2000	1900	1700	1600	1600	1400	1200	1100	1000
	.50	1500	1400	1400	1400	1300	1300	1200	1200	1100	800	700	600
	.10	900	900	900	900	800	800	700	700	600	300	100	0
1700	.90	1100	1100	1100	1100	1100	1100	1000	1000	800	600	500	500
	.50	800	800	800	800	800	800	800	700	500	400	300	200
	.10	500	500	500	500	400	300	300	300	0	0	0	0
	.90	1400	1200	1200	1200	1200	1100	1100	1100	800	700	600	500
	.50	900	900	900	900	900	800	800	800	500	400	300	200
	.10	500	500	500	500	400	300	300	300	0	0	0	0
	.90	1400	1200	1200	1200	1200	1100	1100	1100	800	700	600	500
	.50	900	900	900	900	900	800	800	800	500	400	300	300
	.10	500	500	500	500	400	400	400	300	100	0	0	0
	.90	2600	2500	2100	2000	1900	1700	1700	1600	1500	1300	1100	1000
	.50	1500	1400	1400	1400	1400	1400	1300	1300	1100	900	800	700
	.10	900	900	900	900	900	800	800	800	700	400	300	100

PAGE 152

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1100	1100	1100	1100	1100	1100	1000	1000	800	700	600	500
	.50	800	800	800	800	800	800	800	800	500	400	300	200
	.10	500	500	500	400	400	400	300	300	0	0	0	0
	.90	1400	1400	1200	1200	1200	1200	1100	1100	900	800	700	600
	.50	1100	1100	900	900	900	900	800	800	700	500	300	300
	.10	600	600	600	500	500	500	400	400	200	0	0	0
	.90	3500	2600	2500	2100	1900	1800	1700	1700	1500	1300	1200	1100
	.50	2400	1600	1600	1400	1400	1400	1300	1300	1200	900	800	800
	.10	1100	1100	900	900	900	900	800	800	700	400	300	200
1900	.90	1200	1200	1200	1200	1200	1100	1100	1100	800	700	600	500
	.50	900	900	900	900	900	800	800	800	600	400	300	300
	.10	600	600	600	600	500	400	400	400	200	0	0	0
	.90	1600	1600	1500	1400	1400	1200	1200	1200	1100	800	700	600
	.50	1200	1200	1200	1100	1100	1000	900	900	800	500	400	300
	.10	700	700	700	700	600	600	600	500	300	0	0	0
	.90	3500	3500	2600	2500	2000	1900	1700	1700	1500	1400	1200	1100
	.50	2400	2400	1600	1600	1400	1400	1400	1300	1200	900	800	800
	.10	1100	1100	1100	1000	900	900	900	800	700	500	300	200
2000	.90	1400	1400	1400	1200	1200	1200	1200	1100	1000	800	700	600
	.50	1100	1100	1100	1000	900	900	900	900	700	500	400	300
	.10	700	700	700	700	600	500	500	400	300	0	0	0
	.90	1600	1600	1500	1500	1500	1500	1400	1400	1100	900	800	700
	.50	1200	1200	1200	1200	1200	1200	1100	1100	800	600	500	400
	.10	800	800	800	700	700	700	700	600	400	100	0	0
	.90	3600	3500	2700	2600	2000	1900	1900	1700	1600	1400	1300	1200
	.50	2500	2400	1700	1600	1600	1400	1400	1400	1200	1000	900	800
	.10	1100	1100	1100	1100	900	900	900	900	700	500	400	300
2100	.90	1500	1500	1500	1400	1400	1300	1200	1200	1100	800	700	600
	.50	1200	1200	1200	1100	1100	1100	900	900	800	500	400	300
	.10	800	800	800	700	700	600	600	500	300	0	0	0
	.90	1600	1600	1500	1500	1500	1500	1500	1500	1200	1000	800	700
	.50	1200	1200	1200	1200	1200	1200	1200	1200	900	700	500	400
	.10	800	800	800	700	700	600	600	500	300	0	0	0
	.90	3600	3500	2800	2700	2000	1900	1900	1500	1200	1000	800	700
	.50	2500	2400	1800	1700	1600	1400	1400	1400	900	700	500	400
	.10	1100	1100	1100	1100	1100	900	900	900	700	500	300	200
	.90	1700	1700	1700	1700	1700	1700	1700	1700	1500	1300	1200	1200
	.50	1300	1300	1300	1300	1300	1300	1300	1300	1100	900	800	800
	.10	900	800	800	800	700	700	700	700	500	300	0	0
	.90	3600	3500	2800	2700	2000	1900	1900	1500	1200	1000	800	700
	.50	2500	2400	1800	1700	1600	1400	1400	1400	900	700	500	400
	.10	1100	1100	1100	1100	1100	900	900	900	700	500	300	200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING INCUBATION MONTH - OCTOBER

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2200	.90	1500	1500	1500	1500	1500	1500	1400	1400	1100	900	800	700
	.50	1200	1200	1200	1200	1200	1200	1100	1100	800	600	500	400
	.10	800	800	800	700	700	700	700	600	400	100	0	0
	.90	1700	1700	1700	1500	1500	1600	1500	1500	1400	1100	1000	800
	.50	1400	1400	1400	1300	1300	1300	1200	1200	1100	800	700	500
	.10	900	900	900	800	800	800	800	700	600	400	200	0
	.90	3600	3500	2800	2700	2200	2000	1900	1900	1700	1500	1400	1200
	.50	2500	2400	1800	1700	1600	1600	1400	1400	1300	1200	900	800
	.10	1200	1200	1200	1100	1100	1000	900	900	800	600	400	300
2300	.90	1500	1500	1500	1500	1500	1500	1500	1500	1200	1000	800	700
	.50	1200	1200	1200	1200	1200	1200	1200	1200	900	700	500	400
	.10	800	800	800	700	700	700	700	700	500	300	0	0
	.90	1700	1700	1700	1700	1700	1600	1600	1600	1400	1200	1100	900
	.50	1400	1400	1400	1400	1400	1300	1300	1300	1200	900	800	600
	.10	1000	900	900	900	900	900	800	800	700	400	300	100
	.90	3600	3500	2900	2800	2500	2100	2000	2000	1700	1600	1500	1300
	.50	2500	2400	1900	1800	1700	1600	1600	1600	1400	1200	1100	900
	.10	1200	1200	1200	1200	1100	1100	900	900	800	700	500	400
2400	.90	1700	1700	1700	1700	1500	1600	1500	1500	1300	1100	1000	800
	.50	1400	1400	1400	1400	1300	1300	1200	1200	1100	800	700	500
	.10	1000	900	900	900	800	800	800	700	600	400	200	0
	.90	1900	1900	1700	1700	1700	1700	1600	1600	1500	1200	1100	1000
	.50	1600	1600	1400	1400	1400	1400	1300	1300	1200	900	800	700
	.10	1100	1100	1100	900	900	900	900	800	700	500	300	200
	.90	3600	3500	3000	2900	2600	2200	2100	2000	1800	1600	1500	1400
	.50	2500	2400	2000	1900	1700	1600	1600	1600	1400	1200	1200	900
	.10	1300	1300	1200	1200	1200	1100	1100	900	800	700	600	400
2500	.90	1700	1700	1700	1700	1700	1600	1600	1500	1400	1100	1000	900
	.50	1400	1400	1400	1400	1400	1300	1300	1300	1200	900	800	600
	.10	1100	1100	900	900	900	900	800	800	700	400	300	100
	.90	2000	2000	1900	1900	1700	1700	1700	1600	1500	1300	1200	1100
	.50	1600	1600	1600	1400	1400	1400	1400	1300	1200	900	800	700
	.10	1100	1100	1100	1100	900	900	900	900	700	500	400	200
	.90	3600	3500	3000	2900	2700	2200	2100	2000	1800	1600	1500	1400
	.50	2500	2400	2000	1900	1700	1600	1600	1600	1400	1200	1200	900
	.10	1300	1300	1200	1200	1200	1100	1100	900	800	700	600	400
2500	.90	1700	1700	1700	1700	1700	1600	1600	1500	1400	1100	1000	900
	.50	1400	1400	1400	1400	1400	1300	1300	1300	1200	900	800	600
	.10	1100	1100	900	900	900	900	800	800	700	400	300	100
	.90	2000	2000	1900	1900	1700	1700	1700	1600	1500	1300	1200	1100
	.50	1600	1600	1600	1400	1400	1400	1400	1300	1200	900	800	700
	.10	1100	1100	1100	1100	900	900	900	900	700	500	400	200
	.90	3600	3500	3000	2900	2700	2200	2100	2100	1900	1700	1500	1400
	.50	2500	2400	2000	1900	1700	1600	1600	1600	1400	1200	1200	900
	.10	1300	1300	1200	1200	1200	1100	1100	900	800	700	600	400

PAGE 154  
 TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1900	1900	1700	1700	1700	1700	1600	1600	1500	1200	1100	1000
	.50	1600	1600	1400	1400	1400	1400	1300	1300	1200	900	800	700
	.10	1100	1100	1100	1100	900	900	900	800	700	500	300	200
	.90	2000	2000	2000	1900	1900	1700	1700	1700	1500	1300	1200	1100
	.50	1600	1600	1600	1600	1400	1400	1400	1400	1200	900	800	800
	.10	1200	1100	1100	1100	1100	900	900	900	700	600	400	300
	.90	3600	3500	3000	2900	2700	2300	2300	2200	2000	1700	1600	1500
	.50	2500	2400	2200	2100	2100	1800	1700	1700	1400	1400	1200	1100
	.10	1800	1800	1700	1700	1700	1200	1100	1100	900	800	700	600
2700	.90	1900	1900	1900	1700	1700	1700	1600	1600	1500	1200	1100	1000
	.50	1600	1600	1600	1500	1400	1400	1400	1300	1200	900	800	700
	.10	1200	1100	1100	1100	1000	900	900	900	700	500	400	200
	.90	2100	2100	2000	1900	1900	1700	1700	1700	1500	1400	1200	1100
	.50	1600	1600	1600	1600	1400	1400	1400	1400	1200	1000	800	800
	.10	1200	1200	1100	1100	1100	900	900	900	800	600	400	300
	.90	3600	3500	3000	3000	2700	2400	2400	2300	2000	1900	1700	1600
	.50	2500	2400	2200	2200	2200	2200	2100	1800	1600	1400	1300	1200
	.10	1800	1800	1800	1800	1800	1700	1700	1200	900	800	700	600
2800	.90	1900	1900	1900	1900	1700	1700	1700	1600	1500	1200	1100	1000
	.50	1600	1600	1600	1600	1400	1400	1400	1400	1200	900	800	700
	.10	1200	1200	1100	1100	1100	900	900	900	700	600	400	300
	.90	2100	2100	2000	2000	1900	1900	1700	1700	1600	1400	1300	1100
	.50	1700	1700	1700	1600	1500	1400	1400	1400	1300	1100	900	800
	.10	1300	1300	1200	1100	1100	1100	900	900	800	600	400	300
	.90	3800	3600	3400	3000	2700	2500	2400	2400	2100	1900	1700	1600
	.50	2700	2500	2300	2300	2200	2200	2200	2100	1600	1400	1400	1200
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	900	700	700
2900	.90	1900	1900	1900	1900	1700	1700	1700	1700	1500	1400	1200	1100
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	800	800
	.10	1300	1300	1100	1100	1100	900	900	900	800	600	400	300
	.90	2100	2100	2000	2000	2000	1900	1700	1700	1600	1500	1300	1200
	.50	1700	1700	1700	1700	1600	1600	1400	1400	1300	1100	900	800
	.10	1300	1300	1200	1200	1100	1100	900	900	800	600	400	300
	.90	3900	3600	3500	3500	2800	2500	2400	2400	2100	1900	1700	1600
	.50	2800	2600	2500	2400	2200	2200	2200	2100	1700	1500	1400	1300
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	900	800	700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED \* OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	2000	2000	2000	1900	1900	1700	1700	1700	1500	1400	1200	1100
	.50	1700	1700	1700	1600	1600	1400	1400	1400	1300	1100	900	800
	.10	1300	1300	1200	1100	1100	900	900	900	800	600	400	300
	.90	2500	2100	2000	2000	2000	1900	1900	1800	1700	1500	1400	1200
	.50	1700	1700	1700	1600	1600	1500	1400	1400	1300	1200	1000	800
	.10	1400	1400	1300	1200	1200	1100	1100	1000	900	700	500	400
	.90	4000	3800	3600	3600	3000	2600	2500	2400	2200	2100	1900	1700
	.50	2900	2700	2600	2500	2300	2200	2200	2100	1700	1600	1400	1400
	.10	1900	1900	1900	1900	1800	1800	1800	1700	1200	900	900	700
3100	.90	2000	2000	2000	2000	1900	1900	1700	1700	1600	1400	1200	1100
	.50	1700	1700	1700	1700	1600	1600	1400	1400	1300	1100	900	800
	.10	1400	1400	1300	1200	1100	1100	1100	900	800	700	400	300
	.90	2600	2400	2300	2300	2300	2000	2000	1900	1700	1600	1500	1300
	.50	2200	2200	2100	2100	2100	1700	1600	1600	1400	1200	1100	900
	.10	1800	1800	1700	1700	1700	1200	1200	1100	900	700	600	400
	.90	4100	3900	3700	3600	3400	2800	2500	2400	2300	2200	2000	1900
	.50	3000	2800	2600	2600	2500	2200	2200	2200	2000	1700	1600	1400
	.10	2200	2200	1900	1900	1800	1800	1800	1700	1500	1100	900	900
3200	.90	2100	2000	2000	2000	2000	1900	1800	1700	1600	1500	1400	1200
	.50	1900	1800	1800	1700	1700	1600	1600	1400	1300	1200	900	800
	.10	1600	1500	1500	1400	1200	1100	1100	1100	900	700	500	400
	.90	2600	2500	2400	2400	2400	2400	2300	2000	1800	1600	1500	1400
	.50	2200	2200	2200	2200	2200	2100	2100	1700	1400	1300	1200	1000
	.10	1800	1800	1800	1800	1800	1700	1700	1300	900	800	700	500
	.90	4300	4000	3900	3600	3500	2900	2900	2600	2400	2300	2200	2000
	.50	3200	2900	2800	2700	2700	2600	2300	2200	2100	1900	1700	1600
	.10	2400	2300	2300	2300	2300	1800	1800	1800	1600	1300	1100	900
3300	.90	2400	2400	2300	2300	2300	2000	2000	1900	1700	1500	1400	1200
	.50	2200	2200	2100	2100	2100	1700	1700	1600	1400	1200	1100	900
	.10	1800	1800	1700	1700	1700	1400	1200	1100	900	700	600	400
	.90	2600	2500	2500	2500	2400	2400	2400	2300	1900	1700	1600	1500
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1400	1300	1200	1100
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	800	700	600
	.90	4400	4100	3900	3700	3600	3000	2900	2900	2500	2400	2300	2100
	.50	3300	3000	2800	2800	2800	2700	2600	2300	2100	2000	1800	1700
	.10	2400	2400	2400	2400	2300	2200	1800	1800	1600	1400	1200	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING MUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2400	2400	2400	2400	2400	2300	2300	2000	1700	1600	1500	1400
	.50	2200	2200	2200	2200	2200	2100	2100	1800	1400	1300	1200	900
	.10	1800	1800	1800	1800	1900	1700	1700	1500	900	800	700	500
	.90	2600	2600	2500	2500	2400	2400	2400	2300	2000	1700	1600	1500
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1600	1400	1300	1200
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	900	700	600
	.90	4400	4100	4000	3800	3600	3000	2900	2900	2500	2400	2300	2200
	.50	3300	3000	2900	2800	2800	2700	2600	2300	2200	2000	1900	1700
	.10	2400	2400	2400	2400	2300	2300	1300	1800	1700	1500	1200	1100
3500	.90	2500	2500	2500	2500	2400	2400	2300	2300	1800	1600	1500	1400
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1400	1300	1200	1100
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	800	700	600
	.90	2700	2700	2600	2500	2400	2400	2400	2300	2000	1800	1700	1500
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1600	1400	1300	1200
	.10	1900	1900	1900	1900	1800	1800	1900	1700	1100	900	700	700
	.90	4500	4200	4000	3800	3500	3000	3000	2900	2500	2400	2300	2200
	.50	3400	3100	2900	2800	2800	2700	2600	2400	2200	2000	1900	1700
	.10	2400	2400	2400	2400	2300	2300	1800	1800	1500	1500	1300	1100
3600	.90	2500	2500	2500	2500	2400	2400	2300	2300	1900	1700	1600	1500
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1500	1300	1200	1100
	.10	1900	1900	1900	1900	1800	1800	1700	1700	1100	900	700	600
	.90	3500	2800	2800	2700	2500	2400	2400	2300	2100	1900	1700	1600
	.50	2600	2600	2300	2300	2200	2200	2200	2100	1700	1400	1400	1200
	.10	2200	2200	1900	1900	1800	1800	1800	1700	1200	900	800	700
	.90	4500	4300	4000	3800	3600	3200	3000	3000	2500	2400	2300	2200
	.50	3400	3200	2900	2800	2800	2700	2700	2600	2200	2000	1900	1800
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1300	1100
3700	.90	2500	2500	2500	2500	2400	2400	2300	2300	1900	1700	1600	1500
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1600	1400	1300	1200
	.10	1900	1900	1900	1900	1800	1800	1800	1700	1100	900	700	600
	.90	3500	3500	2900	2900	2900	2500	2400	2400	2300	2000	1900	1700
	.50	2800	2700	2700	2700	2700	2200	2200	2200	2000	1600	1400	1400
	.10	2400	2300	2300	2300	2300	1800	1800	1800	1500	1100	900	800
	.90	4600	4300	4000	3900	3600	3400	3200	3100	2600	2400	2300	2200
	.50	3500	3200	2900	2900	2800	2700	2700	2600	2200	2100	1900	1800
	.10	2600	2600	2400	2400	2400	2300	2100	1900	1700	1500	1300	1200

TABLE 2. GORGE RELEASE (CFRS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2800	2800	2500	2500	2400	2400	2400	2300	2000	1800	1700	1500
	.50	2600	2600	2300	2300	2200	2200	2200	2100	1700	1400	1300	1200
	.10	2200	2200	1900	1900	1800	1800	1800	1700	1200	900	800	700
	.90	3600	3500	3000	3000	2900	2900	2500	2400	2400	2200	2000	1900
	.50	2800	2800	2800	2800	2700	2600	2200	2200	2100	1800	1600	1400
	.10	2400	2400	2400	2400	2300	2200	1800	1800	1500	1400	1000	900
	.90	4600	4400	4000	3900	3600	3400	3300	3200	2800	2400	2300	2300
	.50	3500	3300	3100	3000	2800	2800	2700	2700	2300	2100	2000	1800
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1400	1200
3900	.90	3000	2900	2900	2900	2900	2400	2400	2400	2300	2000	1800	1700
	.50	2800	2700	2700	2700	2700	2200	2200	2200	2000	1600	1400	1300
	.10	2400	2300	2300	2300	2300	1800	1800	1800	1500	1100	900	800
	.90	3600	3500	3000	3000	2900	2900	2600	2500	2400	2300	2100	2000
	.50	2800	2800	2800	2800	2700	2700	2200	2200	2100	1900	1700	1500
	.10	2400	2400	2400	2400	2300	2300	1800	1800	1600	1500	1100	900
	.90	4900	4800	4400	4000	3700	3500	3300	3300	2900	2500	2400	2300
	.50	3800	3700	3300	3100	3000	2800	2700	2700	2400	2100	2000	1900
	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1600	1400	1300
4000	.90	3000	3000	3000	3000	2900	2800	2400	2400	2400	2100	1900	1700
	.50	2800	2800	2800	2800	2700	2600	2200	2200	2100	1800	1500	1400
	.10	2400	2400	2400	2400	2300	2200	1800	1800	1600	1400	1000	900
	.90	3600	3500	3000	3000	3000	2900	2700	2600	2400	2300	2200	2000
	.50	2800	2800	2800	2800	2700	2700	2300	2200	2100	2000	1700	1600
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1700	1500	1200	1000
	.90	5000	5000	4900	4400	3700	3600	3400	3300	3000	2500	2400	2300
	.50	3900	3900	3800	3300	3100	2800	2800	2700	2500	2100	2000	1900
	.10	2700	2700	2700	2700	2400	2400	2300	2100	1800	1600	1400	1300
4100	.90	3000	3000	3000	3000	2900	2900	2500	2500	2400	2300	2000	1900
	.50	2800	2800	2800	2800	2700	2700	2300	2200	2100	1900	1600	1400
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1100	900
	.90	3600	3500	3000	3000	3000	2900	2800	2600	2400	2300	2200	2100
	.50	2800	2800	2800	2800	2700	2700	2300	2200	2100	1900	1600	1400
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1100	900
	.90	4600	4400	4000	3900	3600	3400	3300	3200	2800	2400	2300	2300
	.50	3500	3300	3100	3000	2800	2800	2700	2700	2300	2100	2000	1800
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1200	1000
	.90	3000	2900	2900	2900	2900	2400	2400	2400	2300	2000	1800	1700
	.50	2800	2700	2700	2700	2700	2200	2200	2200	2000	1600	1400	1300
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1100	900
	.90	4600	4400	4000	3900	3600	3400	3300	3200	2800	2400	2300	2300
	.50	3500	3300	3100	3000	2800	2800	2700	2700	2300	2100	2000	1800
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1200	1000
	.90	3000	2900	2900	2900	2900	2400	2400	2400	2300	2000	1800	1700
	.50	2800	2700	2700	2700	2700	2200	2200	2200	2000	1600	1400	1300
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1100	900
	.90	4600	4400	4000	3900	3600	3400	3300	3200	2800	2400	2300	2300
	.50	3500	3300	3100	3000	2800	2800	2700	2700	2300	2100	2000	1800
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1200	1000
	.90	3000	2900	2900	2900	2900	2400	2400	2400	2300	2000	1800	1700
	.50	2800	2700	2700	2700	2700	2200	2200	2200	2000	1600	1400	1300
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1100	900
	.90	4600	4400	4000	3900	3600	3400	3300	3200	2800	2400	2300	2300
	.50	3500	3300	3100	3000	2800	2800	2700	2700	2300	2100	2000	1800
	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1200	1000
	.90	3000	2900	2900	2900	2900	2400	2400	2400	2300	2000	1800	1700
	.50	2800	2700	2700	2700	2700	2200	2200	2200	2000	1600	1400	1300
	.10	2400	2400	2400	2400	2300	2300	1900	1800	1600	1500	1100	900

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH -- OCTOBER      INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION			100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.												
4200	.90	.90	3000	3000	3000	3000	2900	2900	2600	2500	2400	2300	2100	2000
	.50	.50	2800	2800	2800	2800	2700	2700	2400	2300	2200	2000	1700	1600
	.10	.10	2400	2400	2400	2400	2300	2300	2100	1900	1700	1500	1200	900
	.90	.90	3600	3500	3000	3000	3000	2900	2800	2600	2400	2300	2200	2100
	.50	.50	3000	3000	2800	2800	2800	2700	2400	2300	2100	2000	1800	1700
	.10	.10	2600	2600	2400	2400	2400	2300	2100	2000	1600	1500	1200	1100
	.90	.90	5000	5000	5000	4900	3900	3600	3400	3400	3000	2600	2400	2300
	.50	.50	3900	3900	3900	3800	3100	2900	2800	2800	2600	2200	2000	1900
	.10	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1600	1500	1300
4300	.90	.90	3000	3000	3000	3000	2900	2900	2600	2600	2400	2300	2100	2000
	.50	.50	2800	2800	2800	2800	2700	2700	2400	2300	2100	2000	1700	1600
	.10	.10	2400	2400	2400	2400	2300	2300	2100	2000	1700	1500	1200	1000
	.90	.90	3600	3500	3300	3200	3000	2900	2900	2700	2500	2400	2300	2100
	.50	.50	3100	3100	3100	3000	2900	2900	2600	2400	2100	2000	1800	1700
	.10	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1300	1100
	.90	.90	5100	5100	5000	4900	4000	3600	3500	3400	3000	2600	2400	2300
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2600	2200	2100	2000
	.10	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1600	1500	1400
4400	.90	.90	3500	3200	3000	3000	3000	2900	2600	2600	2400	2300	2200	2000
	.50	.50	3000	3000	2800	2800	2800	2700	2400	2400	2100	2000	1800	1600
	.10	.10	2600	2600	2400	2400	2400	2300	2100	2100	1600	1500	1200	1000
	.90	.90	3600	3600	3300	3300	3000	3000	2900	2800	2500	2400	2300	2200
	.50	.50	3100	3100	3100	3100	2800	2700	2700	2400	2200	2000	1900	1700
	.10	.10	2700	2700	2700	2700	2400	2300	2300	2100	1700	1500	1300	1100
	.90	.90	5100	5100	5000	4900	4000	3700	3500	3400	3100	2600	2500	2300
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2600	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1700	1500	1400
4500	.90	.90	3500	3500	3300	3200	3000	2900	2800	2600	2400	2300	2200	2100
	.50	.50	3100	3100	3100	3000	2800	2700	2600	2400	2100	2000	1800	1700
	.10	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1300	1100
	.90	.90	5100	5100	5000	4900	4000	3700	3500	3400	3100	2600	2500	2300
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2600	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2500	2400	2300	2300	1900	1700	1500	1400
	.90	.90	3600	3600	3500	3300	3000	2900	2800	2600	2400	2300	2200	2100
	.50	.50	3100	3100	3100	3000	2800	2700	2600	2400	2100	2000	1800	1700
	.10	.10	2700	2700	2700	2600	2400	2300	2200	2100	1700	1500	1300	1100
	.90	.90	5100	5100	5000	4900	4100	3700	3600	3400	3100	2600	2500	2400
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2700	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1200
	.90	.90	5100	5100	5000	4900	4100	3700	3600	3400	3100	2600	2500	2400
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2700	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1200
	.90	.90	5100	5100	5000	4900	4100	3700	3600	3400	3100	2600	2500	2400
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2700	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1200
	.90	.90	5100	5100	5000	4900	4100	3700	3600	3400	3100	2600	2500	2400
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2700	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1200
	.90	.90	5100	5100	5000	4900	4100	3700	3600	3400	3100	2600	2500	2400
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2700	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1200
	.90	.90	5100	5100	5000	4900	4100	3700	3600	3400	3100	2600	2500	2400
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2700	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1200
	.90	.90	5100	5100	5000	4900	4100	3700	3600	3400	3100	2600	2500	2400
	.50	.50	4000	4000	3900	3800	3100	3000	2800	2800	2700	2300	2100	2000
	.10	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3600	3500	3300	3300	3000	2900	2900	2700	2400	2300	2200	2100
	.50	3100	3100	3100	3100	2800	2700	2700	2400	2200	2000	1800	1700
	.10	2700	2700	2700	2700	2400	2300	2300	2100	1800	1500	1300	1100
	.90	3800	3600	3600	3500	3300	3000	3000	3000	2600	2400	2300	2200
	.50	3100	3100	3100	3100	2800	2800	2700	2600	2200	2000	1900	1800
	.10	2700	2700	2700	2700	2400	2400	2300	2100	1800	1500	1400	1200
	.90	5100	5100	5000	4900	4100	3700	3600	3500	3200	2700	2500	2400
	.50	4000	4000	3900	3800	3300	3100	2900	2800	2700	2300	2100	2000
	.10	3000	3000	3000	3000	2700	2400	2400	2300	1900	1700	1500	1400
4700	.90	3600	3500	3300	3300	3000	3000	2900	2800	2500	2400	2300	2200
	.50	3100	3100	3100	3100	2800	2800	2700	2400	2200	2000	1900	1700
	.10	2700	2700	2700	2700	2400	2400	2300	2100	1800	1500	1300	1200
	.90	3900	3600	3600	3600	3300	3200	3100	3000	2600	2400	2300	2300
	.50	3100	3100	3100	3100	2900	2800	2700	2700	2300	2100	2000	1800
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1500	1400	1300
	.90	5500	5500	5200	5000	4400	3700	3600	3500	3300	2900	2600	2400
	.50	4400	4400	4100	3900	3300	3300	3100	2900	2700	2400	2200	2000
	.10	3000	3000	3000	3000	3000	2600	2400	2400	2100	1800	1500	1400
4800	.90	3600	3500	3300	3300	3100	2800	2900	2900	2500	2400	2300	2200
	.50	3100	3100	3100	3100	2900	2800	2700	2700	2300	2100	2000	1800
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1500	1400	1300
	.90	4000	3800	3600	3600	3500	3300	3200	3100	2700	2500	2300	2300
	.50	3100	3100	3100	3100	2900	2800	2800	2700	2300	2100	2000	1900
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1500	1300	1200
	.90	4500	4500	4400	4000	3800	3700	3600	3500	3100	2900	2700	2600
	.50	3600	3500	3300	3300	3100	3000	3000	2900	2500	2400	2300	2200
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1600	1400	1300
4900	.90	5600	5600	5500	5100	4900	4000	3500	3600	3400	3300	3000	2600
	.50	4500	4500	4400	4000	3800	3300	3200	3200	3100	2800	2500	2200
	.10	3000	3000	3000	3000	3000	2700	2700	2700	2500	2100	1800	1600
	.90	3600	3500	3300	3300	3100	3000	2900	2900	2500	2400	2300	2200
	.50	3100	3100	3100	3100	2900	2800	2700	2700	2200	2000	1900	1800
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1500	1400	1200
	.90	4100	3900	3700	3600	3500	3300	3300	3200	2900	2500	2400	2300
	.50	3100	3100	3100	3100	3000	2800	2800	2700	2400	2100	2000	1900
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1600	1500	1300
	.90	5600	5600	5500	5400	5000	4100	3700	3600	3500	3400	3300	3000
	.50	4500	4500	4400	4300	3900	3400	3300	3300	3200	3100	2800	2500
	.10	3000	3000	3000	3000	3000	3000	2800	2800	2700	2500	2100	1800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3600	3500	3300	3300	3200	3000	3000	2900	2600	2400	2300	2200
	.50	3100	3100	3100	3100	2900	2800	2700	2700	2300	2000	2000	1800
	.10	2700	2700	2700	2700	2500	2400	2300	2300	1800	1500	1400	1300
	.90	4300	4000	3900	3700	3600	3500	3300	3300	2900	2500	2400	2300
	.50	3300	3300	3300	3300	3100	2900	2800	2800	2500	2200	2000	1900
	.10	3000	3000	3000	3000	2700	2400	2400	2300	1900	1600	1500	1300
	.90	5700	5700	5600	5500	5200	4700	3900	3800	3700	3500	3400	3200
	.50	4600	4600	4500	4400	4100	3600	3500	3500	3300	3200	3000	2700
	.10	3200	3200	3000	3000	3000	3000	3000	3000	2800	2700	2500	2100
5100	.90	3600	3500	3500	3500	3300	3100	3000	3000	2600	2400	2300	2300
	.50	3300	3300	3300	3300	3100	2800	2800	2700	2300	2100	2000	1900
	.10	3000	3000	3000	3000	2700	2400	2400	2300	1900	1600	1400	1300
	.90	4400	4100	3900	3700	3600	3500	3400	3300	3000	2600	2400	2300
	.50	3300	3300	3300	3300	3300	3000	2800	2800	2600	2200	2000	1900
	.10	3000	3000	3000	3000	3000	2600	2400	2400	1900	1700	1500	1400
	.90	5700	5700	5600	5500	5300	4900	4000	4000	3800	3600	3500	3300
	.50	4600	4600	4500	4400	4200	3800	3700	3600	3500	3300	3100	2900
	.10	3200	3200	3200	3200	3200	3100	3100	3100	3000	2800	2600	2400
5200	.90	3600	3600	3500	3500	3500	3300	3200	3100	2800	2500	2400	2300
	.50	3300	3300	3300	3300	3300	3000	2800	2800	2600	2500	2400	2300
	.10	3000	3000	3000	3000	3000	2600	2400	2400	2400	2100	2000	1900
	.90	4400	4100	4000	3800	3600	3500	3500	3400	3000	2600	2500	2300
	.50	3300	3300	3300	3300	3300	3100	2900	2800	2700	2300	2000	2000
	.10	3000	3000	3000	3000	3000	2700	2500	2400	2000	1700	1500	1400
	.90	5700	5700	5600	5500	5200	4800	4100	4100	3900	3700	3500	3400
	.50	4600	4600	4500	4400	4100	3800	3800	3800	3600	3300	3200	3100
	.10	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500
	.90	3600	3600	3500	3500	3500	3500	3300	3300	2900	2500	2400	2300
	.50	3300	3300	3300	3300	3300	3100	2900	2800	2500	2200	2000	1900
	.10	3000	3000	3000	3000	3000	2700	2400	2400	2000	1700	1500	1300
	.90	4500	4200	4000	3800	3600	3500	3500	3400	3100	2600	2500	2400
	.50	3400	3300	3300	3300	3300	3300	3100	2900	2700	2300	2100	2000
	.10	3000	3000	3000	3000	3000	3000	2600	2400	2100	1800	1500	1400
	.90	5700	5700	5600	5500	5200	4800	4100	4100	3900	3700	3500	3400
	.50	4600	4600	4500	4400	4100	3800	3800	3800	3600	3300	3200	3100
	.10	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500
5300	.90	3600	3600	3500	3500	3500	3300	3200	3100	2800	2500	2400	2300
	.50	3300	3300	3300	3300	3300	3100	2900	2800	2500	2200	2000	1900
	.10	3000	3000	3000	3000	3000	2700	2400	2400	2000	1700	1500	1300
	.90	4500	4200	4000	3800	3600	3500	3500	3400	3100	2600	2500	2300
	.50	3400	3300	3300	3300	3300	3300	3100	2900	2700	2300	2100	2000
	.10	3000	3000	3000	3000	3000	3000	2600	2400	2100	1800	1500	1400
	.90	5700	5700	5600	5500	5200	4800	4100	4100	3900	3700	3500	3400
	.50	4600	4600	4500	4400	4100	3800	3800	3800	3600	3300	3200	3100
	.10	3300	3300	3300	3300	3300	3300	3200	3200	3000	2800	2700	2500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % DF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5400	.90	3800	3600	3600	3600	3500	3500	3400	3300	3000	2600	2400	2300
	.50	3300	3300	3300	3300	3300	3300	3000	2800	2600	2200	2000	1900
	.10	3000	3000	3000	3000	3000	3000	2600	2400	2100	1700	1500	1400
	.90	4500	4300	4000	3800	3500	3500	3500	3500	3400	3200	2800	2500
	.50	3500	3500	3300	3300	3300	3300	3200	3200	3100	2800	2400	2200
	.10	3200	3000	3000	3000	3000	3000	2700	2700	2600	2300	1800	1600
	.90	5700	5700	5600	5500	4700	4700	4100	4100	4000	3700	3500	3500
	.50	4600	4600	4500	4400	3800	3800	3800	3800	3600	3400	3200	3100
	.10	3500	3400	3400	3300	3300	3300	3300	3200	3100	2900	2700	2600
5500	.90	3900	3700	3600	3600	3500	3500	3500	3400	3100	2600	2500	2300
	.50	3500	3500	3300	3300	3300	3300	3100	3000	2700	2300	2100	2000
	.10	3200	3200	3000	3000	3000	3000	2700	2600	2100	1800	1500	1400
	.90	4600	4300	4000	3900	3700	3600	3600	3600	3500	3400	3200	2800
	.50	3500	3500	3400	3400	3300	3300	3300	3300	3200	3100	2700	2400
	.10	3200	3200	3000	3000	3000	3000	2900	2800	2700	2600	2200	1800
	.90	5700	5700	5600	5600	4700	4700	4100	4100	4000	3700	3600	3500
	.50	4600	4600	4500	4500	3800	3800	3800	3800	3700	3400	3300	3100
	.10	3500	3500	3500	3400	3300	3300	3300	3300	3100	2900	2800	2600
5600	.90	4000	3800	3700	3600	3500	3500	3500	3500	3400	3200	2700	2500
	.50	3500	3500	3300	3300	3300	3300	3200	3200	3100	2800	2400	2100
	.10	3200	3200	3000	3000	3000	3000	2800	2700	2600	2300	1800	1600
	.90	4600	4400	4000	3900	3800	3800	3800	3700	3600	3500	3300	3100
	.50	3500	3500	3500	3500	3500	3500	3400	3400	3300	3100	3000	2700
	.10	3200	3200	3000	3000	3000	3000	3000	3000	2800	2700	2500	2100
	.90	5800	5700	5700	5600	4600	4600	4100	4100	4000	3800	3600	3500
	.50	4700	4600	4600	4500	3900	3800	3800	3800	3700	3400	3300	3100
	.10	3800	3600	3500	3500	3300	3300	3300	3300	3100	3000	2800	2700
5700	.90	4100	3900	3700	3700	3700	3600	3600	3600	3500	3400	3200	2800
	.50	3500	3500	3400	3400	3300	3300	3300	3300	3200	3100	2700	2400
	.10	3200	3200	3000	3000	3000	3000	2900	2800	2700	2600	2300	1800
	.90	4900	4800	4400	4000	4000	4000	3900	3900	3700	3500	3400	3300
	.50	3800	3700	3700	3700	3700	3600	3600	3600	3400	3300	3100	2900
	.10	3200	3200	3200	3200	3200	3100	3100	3100	3000	2800	2600	2400
	.90	5800	5700	5700	5600	5000	4600	4200	4100	4000	3800	3600	3500
	.50	4700	4600	4600	4500	3900	3900	3800	3800	3700	3500	3400	3300
	.10	3800	3800	3800	3800	3800	3800	3800	3800	3700	3500	3400	3300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED & OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4300	4000	3900	3800	3800	3800	3800	3700	3600	3500	3300	3000
	.50	3500	3500	3500	3500	3500	3500	3400	3400	3300	3200	3000	2700
	.10	3200	3200	3000	3000	3000	3000	3000	3000	2800	2700	2500	2100
	.90	5000	5000	4900	4400	4100	4100	4100	4000	3900	3600	3500	3400
	.50	3900	3900	3800	3800	3800	3800	3700	3700	3600	3300	3200	3000
	.10	3300	3300	3300	3300	3300	3300	3200	3200	3100	2800	2700	2500
	.90	6200	6200	6200	5800	5500	4800	4300	4100	4000	3800	3600	3500
	.50	5100	5100	5100	4700	4400	3900	3800	3800	3700	3500	3300	3200
	.10	3900	3800	3700	3600	3500	3300	3300	3300	3200	3000	2800	2700
5900	.90	4400	4100	4000	4000	4000	3900	3900	3900	3700	3500	3400	3300
	.50	3700	3700	3700	3700	3700	3600	3600	3600	3400	3300	3100	2900
	.10	3200	3200	3200	3200	3200	3100	3100	3100	3000	2800	2600	2400
	.90	5000	5000	4900	4800	4100	4100	4100	4000	3900	3700	3500	3400
	.50	3900	3900	3800	3800	3800	3800	3800	3700	3600	3300	3200	3100
	.10	3500	3400	3400	3300	3300	3300	3300	3200	3100	2900	2700	2600
	.90	6400	6400	6400	6400	6300	5600	4900	4400	4100	3900	3700	3500
	.50	5300	5300	5300	5300	5200	4500	4100	3900	3700	3500	3300	3200
	.10	3900	3900	3800	3800	3500	3400	3300	3300	3200	3000	2800	2700
6000	.90	4400	4100	4100	4100	4100	4100	4000	4000	3900	3600	3500	3300
	.50	3800	3800	3800	3800	3800	3800	3800	3700	3700	3500	3300	3200
	.10	3300	3300	3300	3300	3300	3300	3300	3200	3100	2900	2700	2600
	.90	5000	5000	5000	4900	4100	4100	4100	4100	3900	3700	3500	3400
	.50	3900	3900	3900	3900	3800	3800	3800	3800	3600	3400	3200	3100
	.10	3500	3500	3500	3400	3300	3300	3300	3300	3100	2900	2700	2600
	.90	6500	6500	6500	6500	6400	6200	5500	4800	4100	3900	3700	3600
	.50	5400	5400	5400	5400	5300	5100	4400	4100	3800	3600	3400	3300
	.10	3900	3900	3900	3800	3600	3500	3500	3400	3200	3000	2900	2800
6100	.90	4500	4200	4100	4100	4100	4100	4100	4000	3900	3600	3500	3400
	.50	3900	3800	3800	3800	3800	3800	3800	3700	3600	3300	3200	3100
	.10	3500	3400	3400	3300	3300	3300	3300	3200	3100	2900	2700	2600
	.90	5100	5100	5000	4900	4100	4100	4100	4100	3900	3700	3500	3400
	.50	4200	4000	3900	3900	3800	3800	3800	3800	3600	3400	3200	3100
	.10	3800	3600	3500	3500	3300	3300	3300	3300	3100	2900	2800	2600
	.90	6600	6600	6600	6500	6500	6400	6100	5000	4100	3900	3700	3600
	.50	5500	5500	5500	5400	5400	5300	5000	4300	3800	3600	3400	3300
	.10	4000	3900	3900	3900	3700	3600	3500	3400	3200	3000	2900	2800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % DF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4500	4300	4100	4100	4100	4100	4100	4000	3900	3700	3500	3400
	.50	3900	3900	3900	3800	3800	3800	3800	3700	3600	3300	3200	3100
	.10	3500	3500	3500	3400	3300	3300	3300	3300	3100	2900	2800	2600
	.90	5100	5100	5000	4900	4200	4100	4100	4100	4000	3700	3600	3500
	.50	4200	4200	4000	4000	3900	3800	3800	3800	3600	3400	3300	3100
	.10	3800	3800	3600	3500	3400	3300	3300	3300	3100	3000	2800	2700
	.90	6600	6600	6600	6600	6500	6400	6300	5500	4100	3900	3700	3600
	.50	5500	5500	5500	5500	5400	5300	5200	4500	3800	3600	3400	3300
	.10	4100	4100	4000	3900	3800	3700	3600	3500	3300	3100	2900	2800
6300	.90	4600	4400	4100	4100	4100	4100	4100	4100	3900	3700	3500	3400
	.50	4200	4000	3900	3900	3800	3800	3800	3800	3600	3400	3200	3100
	.10	3800	3600	3500	3500	3300	3300	3300	3300	3100	2900	2800	2600
	.90	5100	5100	5000	4900	4300	4100	4100	4100	4000	3700	3600	3500
	.50	4300	4200	4100	4000	3900	3800	3800	3800	3700	3400	3300	3200
	.10	3900	3800	3700	3600	3500	3300	3300	3300	3100	3000	2800	2700
	.90	6700	6700	6700	6700	6600	6500	6400	6100	4100	3900	3800	3600
	.50	5600	5600	5600	5600	5500	5400	5300	5000	3800	3600	3400	3300
	.10	4200	4200	4100	4000	3800	3700	3700	3600	3300	3100	3000	2800
6400	.90	4600	4400	4200	4200	4100	4100	4100	4100	3900	3700	3500	3400
	.50	4200	4200	4000	3900	3800	3800	3800	3800	3600	3400	3200	3100
	.10	3800	3800	3600	3500	3400	3300	3300	3300	3100	2900	2800	2700
	.90	5100	5100	5000	4900	4400	4200	4100	4100	4000	3800	3600	3500
	.50	4300	4300	4200	4200	4000	3900	3900	3800	3600	3400	3200	3100
	.10	3900	3900	3800	3800	3600	3500	3500	3500	3300	3100	3000	2800
	.90	7100	7100	7100	7100	6700	6600	6500	6300	4100	4000	3800	3600
	.50	6000	6000	6000	6000	5600	5500	5400	5200	3800	3700	3500	3300
	.10	4200	4200	4200	4200	4100	3900	3700	3700	3300	3100	3000	2800
6500	.90	4900	4800	4500	4300	4200	4100	4100	4100	4000	3700	3600	3500
	.50	4300	4200	4100	4000	3900	3800	3800	3800	3600	3400	3300	3100
	.10	3900	3800	3700	3700	3500	3300	3300	3300	3100	3000	2800	2700
	.90	5500	5500	5200	5000	4900	4200	4100	4100	4000	3800	3600	3500
	.50	4400	4400	4300	4300	4100	3900	3800	3800	3700	3500	3300	3200
	.10	3900	3900	3900	3800	3700	3400	3300	3300	3200	3000	2800	2700
	.90	7200	7200	7200	7200	7100	6700	6600	6400	4200	4000	3800	3700
	.50	6100	6100	6100	6100	6000	5600	5500	5300	3800	3700	3500	3300
	.10	4700	4300	4300	4300	4200	4100	3800	3700	3300	3100	3000	2800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning MUA - PINK:  
SPawning MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	5000	5000	4900	4500	4300	4100	4100	4100	4000	3800	3600	3500
	.50	4300	4300	4200	4200	4000	3800	3300	3800	3700	3400	3300	3200
	.10	3900	3900	3800	3800	3500	3300	3300	3300	3200	3000	2800	2700
	.90	5600	5600	5500	5100	4900	4400	4200	4100	4000	3800	3600	3500
	.50	4500	4500	4400	4300	4200	3900	3800	3800	3700	3500	3300	3200
	.10	4000	3900	3900	3900	3700	3400	3300	3300	3200	3000	2800	2700
	.90	7200	7200	7200	7200	7100	7000	6600	6500	6300	6000	5800	5700
	.50	6100	6100	6100	6100	6000	5900	5500	5400	5300	5100	4900	4800
	.10	4700	4400	4300	4300	4300	4200	4000	3800	3700	3500	3300	3200
6700	.90	5000	5000	4900	4800	4400	4200	4100	4100	4000	3800	3600	3500
	.50	4300	4300	4300	4200	4000	3900	3800	3800	3700	3500	3300	3200
	.10	3900	3900	3900	3800	3700	3400	3300	3300	3200	3000	2800	2700
	.90	5600	5600	5500	5400	5000	4600	4300	4200	4000	3900	3700	3500
	.50	4500	4500	4500	4400	4300	4100	3900	3800	3700	3500	3300	3200
	.10	4100	4100	4000	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	7200	7200	7200	7200	7200	7100	6600	6500	6400	6200	6000	5900
	.50	6100	6100	6100	6100	6100	6000	5500	5400	5300	5100	4900	4800
	.10	4800	4700	4400	4300	4300	4200	4100	3900	3900	3700	3500	3400
6800	.90	5000	5000	5000	4900	4500	4200	4100	4100	4000	3800	3600	3500
	.50	4400	4300	4300	4300	4100	3900	3800	3800	3700	3500	3300	3200
	.10	4000	3900	3900	3900	3700	3400	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5200	4800	4500	4300	4100	3900	3700	3600
	.50	4600	4600	4500	4500	4300	4200	4000	3900	3700	3500	3400	3300
	.10	4200	4200	4100	4000	3800	3600	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7200	7200	7100	6700	6600	6600	6400	6200	6100
	.50	6200	6200	6200	6100	6100	6000	5600	5500	5400	5200	5000	4900
	.10	4800	4800	4400	4400	4300	4300	4200	4100	4000	3800	3600	3500
6900	.90	5100	5100	5000	4900	4500	4300	4100	4100	4000	3800	3600	3500
	.50	4500	4500	4400	4300	4200	3900	3800	3800	3700	3500	3300	3200
	.10	4100	4100	4000	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5300	4900	4600	4400	4100	3900	3700	3600
	.50	4600	4600	4600	4500	4400	4200	4100	3900	3800	3600	3400	3300
	.10	4200	4200	4200	4100	3900	3700	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	6700	6600	6600	6400	6200	6100
	.50	6200	6200	6200	6200	6100	6000	5600	5500	5400	5200	5000	4900
	.10	4800	4800	4400	4400	4300	4300	4200	4100	4000	3800	3600	3500
	.90	5100	5100	5000	4900	4500	4300	4100	4100	4000	3800	3600	3500
	.50	4500	4500	4400	4300	4200	3900	3800	3800	3700	3500	3300	3200
	.10	4100	4100	4000	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5300	4900	4600	4400	4100	3900	3700	3600
	.50	4600	4600	4600	4500	4400	4200	4100	3900	3800	3600	3400	3300
	.10	4200	4200	4200	4100	3900	3700	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	6700	6600	6600	6400	6200	6100
	.50	6200	6200	6200	6200	6100	6000	5600	5500	5400	5200	5000	4900
	.10	4800	4800	4400	4400	4300	4300	4200	4100	4000	3800	3600	3500
	.90	5100	5100	5000	4900	4500	4300	4100	4100	4000	3800	3600	3500
	.50	4500	4500	4400	4300	4200	3900	3800	3800	3700	3500	3300	3200
	.10	4100	4100	4000	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5300	4900	4600	4400	4100	3900	3700	3600
	.50	4600	4600	4600	4500	4400	4200	4100	3900	3800	3600	3400	3300
	.10	4200	4200	4200	4100	3900	3700	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	6700	6600	6600	6400	6200	6100
	.50	6200	6200	6200	6200	6100	6000	5600	5500	5400	5200	5000	4900
	.10	4800	4800	4400	4400	4300	4300	4200	4100	4000	3800	3600	3500
	.90	5100	5100	5000	4900	4500	4300	4100	4100	4000	3800	3600	3500
	.50	4500	4500	4400	4300	4200	3900	3800	3800	3700	3500	3300	3200
	.10	4100	4100	4000	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5300	4900	4600	4400	4100	3900	3700	3600
	.50	4600	4600	4600	4500	4400	4200	4100	3900	3800	3600	3400	3300
	.10	4200	4200	4200	4100	3900	3700	3400	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	6700	6600	6600	6400	6200	6100
	.50	6200	6200	6200	6200	6100	6000	5600	5500	5400	5200	5000	4900
	.10	4800	4800	4400	4400	4300	4300	4200	4100	4000	3800	3600	3500
	.90	5100	5100	5000	4900	4500	4300	4100	4100	4000	3800	3600	3500
	.50	4500	4500	4400	4300	4200	3900	3800	3800	3700	3500	3300	3200
	.10	4100	4100	4000	3900	3800	3500	3300	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5300	4900	4600	4400	4100	3900	3700	3600
	.50	4600	4600	4600	4500	4400	4200	4100	3900	3800	3600	3400	3300
	.10	4200	4200	4200	4100	3900	3700	3400	3300	3200	3000	2900	2800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	5100	5100	5000	4900	4700	4400	4200	4100	4000	3800	3700	3500
	.50	4600	4600	4500	4400	4200	4000	3900	3800	3700	3500	3300	3200
	.10	4200	4200	4100	4000	3800	3600	3400	3300	3200	3000	2900	2800
	.90	5700	5700	5600	5500	5200	4900	4600	4400	4100	3900	3700	3600
	.50	5100	4700	4600	4600	4400	4300	4100	3900	3800	3600	3400	3300
	.10	4700	4300	4200	4100	3900	3700	3500	3300	3200	3000	2900	2800
	.90	7300	7300	7300	7300	7200	7100	7000	6600	4700	4100	3900	3700
	.50	6200	6200	6200	6200	6100	6000	5900	5500	4200	3700	3600	3400
	.10	4800	4800	4500	4400	4400	4300	4200	4200	3500	3200	3000	2900

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	.90	700	700	700	600	600	600	500	400	300	300	200
	.50	.50	700	700	600	500	500	500	500	300	300	200	200
	.10	.10	500	500	400	300	200	200	200	100	0	0	0
	.90	.90	900	900	900	900	800	700	600	500	400	400	300
	.50	.50	900	900	800	800	700	600	500	400	400	300	300
	.10	.10	600	600	500	500	500	400	200	200	100	0	0
	.90	.90	2200	2100	1700	1500	1300	1300	1200	1000	900	700	600
	.50	.50	1600	1500	1200	1200	1200	1100	1100	900	700	500	400
	.10	.10	900	900	900	900	900	800	800	600	300	200	100
1500	.90	.90	800	800	700	600	600	500	500	400	400	300	300
	.50	.50	800	800	700	600	500	500	500	400	300	300	200
	.10	.10	600	600	500	400	200	200	200	100	0	0	0
	.90	.90	900	900	900	900	900	900	800	600	500	400	300
	.50	.50	900	900	900	800	800	800	700	500	400	300	300
	.10	.10	700	700	700	600	500	500	500	200	100	0	0
	.90	.90	2200	2100	1700	1500	1300	1300	1300	1200	900	800	600
	.50	.50	1600	1500	1200	1200	1200	1200	1200	900	800	600	500
	.10	.10	900	900	900	900	900	900	900	600	500	200	200
1600	.90	.90	900	900	900	900	900	800	700	500	400	400	300
	.50	.50	900	900	900	800	700	700	600	500	400	300	300
	.10	.10	700	700	700	600	500	500	400	200	100	0	0
	.90	.90	900	900	900	900	900	900	900	600	500	400	300
	.50	.50	900	900	900	900	800	800	800	500	400	300	300
	.10	.10	700	700	700	600	500	500	500	200	100	0	0
	.90	.90	2200	2100	1800	1500	1400	1400	1300	1200	1000	900	800
	.50	.50	1600	1600	1400	1300	1300	1200	1200	1100	900	800	600
	.10	.10	1100	1100	1100	1000	1000	900	900	800	500	400	200
1700	.90	.90	900	900	900	900	900	900	800	600	500	400	300
	.50	.50	900	900	900	900	800	800	800	500	400	300	300
	.10	.10	700	700	700	600	500	500	500	200	100	0	0
	.90	.90	2200	2100	1800	1500	1400	1400	1300	1200	1000	900	800
	.50	.50	1600	1600	1400	1300	1300	1200	1200	1100	900	800	600
	.10	.10	1100	1100	1100	1000	1000	900	900	800	500	400	200
	.90	.90	900	900	900	900	900	900	800	600	500	400	300
	.50	.50	900	900	900	900	800	800	800	500	400	300	300
	.10	.10	700	700	700	600	500	500	500	200	100	0	0
	.90	.90	2200	2100	1800	1500	1400	1400	1300	1200	1100	1000	900
	.50	.50	1600	1600	1500	1400	1400	1300	1300	1200	900	800	700
	.10	.10	1100	1100	1100	1100	1000	1000	1000	900	600	500	300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	.90	900	900	900	900	900	900	900	600	500	400	300
	.50	.50	900	900	900	900	800	800	800	500	400	300	300
	.10	.10	700	700	700	500	600	500	500	200	100	0	0
	.90	.90	1200	1200	1000	1000	1000	900	900	800	600	500	400
	.50	.50	1100	1100	1000	900	900	900	900	700	500	400	300
	.10	.10	800	800	800	700	700	600	600	400	200	100	0
	.90	.90	3100	2300	2100	1800	1500	1500	1500	1300	1200	1000	900
	.50	.50	2500	1800	1600	1400	1400	1400	1300	1200	1000	900	800
	.10	.10	1300	1300	1100	1100	1100	1000	1000	900	600	500	400
1900	.90	.90	1000	1000	1000	1000	900	900	900	700	500	400	400
	.50	.50	1000	1000	1000	900	900	800	800	600	500	400	300
	.10	.10	800	800	800	700	600	600	600	400	200	100	0
	.90	.90	1300	1300	1200	1200	1100	1000	1000	900	600	500	400
	.50	.50	1200	1200	1200	1100	1100	1000	900	800	500	400	400
	.10	.10	900	900	900	800	800	700	700	500	200	100	100
2000	.90	.90	3100	2300	2100	1700	1600	1500	1500	1300	1200	1100	900
	.50	.50	2500	1800	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	.10	1300	1300	1300	1100	1100	1100	1000	900	700	500	400
	.90	.90	1200	1200	1100	1000	1000	1000	1000	800	600	500	400
	.50	.50	1100	1100	1100	1000	900	900	900	800	500	400	300
	.10	.10	900	900	900	800	700	700	600	500	200	100	0
	.90	.90	1300	1300	1300	1300	1300	1200	1200	900	800	600	500
	.50	.50	1200	1200	1200	1200	1200	1100	1100	900	600	500	400
	.10	.10	1000	1000	1000	900	900	800	800	600	300	200	100
2100	.90	.90	3200	2500	1900	1800	1700	1600	1500	1400	1300	1100	1000
	.50	.50	2600	1900	1300	1100	1100	1100	1100	900	800	600	500
	.10	.10	1400	1300	1300	1200	1200	1000	1000	900	600	500	400
	.90	.90	1300	1300	1300	1200	1200	1000	900	800	500	400	400
	.50	.50	1200	1200	1200	1100	1100	1000	900	800	500	400	400
	.10	.10	1000	1000	1000	900	800	800	700	500	200	100	100
	.90	.90	1300	1300	1300	1300	1300	1300	1300	1000	900	600	600
	.50	.50	1200	1200	1200	1200	1200	1200	1200	900	800	500	400
	.10	.10	1000	1000	1000	900	900	900	900	700	500	200	100
	.90	.90	3200	3100	2500	2400	1700	1700	1600	1500	1300	1200	1000
	.50	.50	2600	2500	2000	1600	1500	1400	1400	1300	1200	900	900
	.10	.10	1400	1300	1300	1300	1300	1100	1100	1000	800	600	500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
2200	.90	1300	1300	1300	1300	1300	1300	1200	1200	900	700	600	500
	.50	1200	1200	1200	1200	1200	1200	1100	1100	900	600	500	400
	.10	1000	1000	1000	1000	900	900	900	800	600	300	200	100
	.90	1500	1500	1500	1500	1400	1400	1300	1300	1200	900	800	700
	.50	1400	1400	1400	1400	1300	1300	1200	1200	1100	800	700	500
	.10	1100	1100	1100	1100	1000	1000	1000	900	800	600	400	200
	.90	3200	3100	2500	2400	1800	1800	1700	1700	1500	1300	1200	1100
	.50	2600	2500	2000	1900	1600	1600	1500	1400	1400	1200	1000	900
	.10	1400	1400	1400	1300	1300	1300	1100	1100	1000	900	700	500
2300	.90	1300	1300	1300	1300	1300	1300	1300	1300	1000	800	600	500
	.50	1200	1200	1200	1200	1200	1200	1200	1200	900	800	500	400
	.10	1000	1000	1000	1000	900	900	900	900	700	500	200	100
	.90	1500	1500	1500	1500	1500	1400	1400	1400	1300	1000	900	800
	.50	1400	1400	1400	1400	1400	1400	1300	1300	1200	900	800	600
	.10	1200	1100	1100	1100	1100	1100	1000	1000	900	600	500	300
	.90	3200	3100	2600	2500	2200	1800	1800	1700	1600	1400	1300	1200
	.50	2600	2500	2100	2000	1700	1600	1600	1500	1400	1200	1100	900
	.10	1400	1400	1400	1400	1300	1300	1100	1100	1000	900	800	600
	.90	1500	1500	1500	1500	1400	1400	1300	1300	1200	900	800	600
	.50	1400	1400	1400	1400	1400	1400	1300	1300	1200	800	700	500
	.10	1200	1100	1100	1100	1000	1000	1000	900	800	600	400	200
	.90	1700	1700	1500	1500	1500	1500	1400	1400	1300	1000	900	900
	.50	1600	1600	1500	1400	1400	1400	1400	1300	1200	900	800	700
	.10	1300	1300	1300	1100	1100	1100	1100	1000	900	700	500	400
	.90	3200	3100	2700	2600	2300	2000	1800	1800	1600	1400	1300	1200
	.50	2600	2500	2200	2100	1800	1700	1700	1600	1400	1300	1200	1000
	.10	1500	1500	1400	1400	1400	1300	1300	1100	1100	900	800	700
	.90	1500	1500	1500	1500	1500	1400	1400	1400	1300	1000	900	700
	.50	1500	1500	1400	1400	1400	1400	1300	1300	1200	900	800	600
	.10	1300	1300	1100	1100	1100	1100	1000	1000	900	600	500	300
	.90	1700	1700	1700	1700	1500	1500	1500	1400	1300	1100	1000	900
	.50	1600	1600	1600	1500	1400	1400	1400	1300	1200	900	800	600
	.10	1300	1300	1300	1300	1100	1100	1100	1100	900	700	600	400
	.90	3200	3100	2700	2600	2400	2000	1800	1800	1600	1400	1300	1200
	.50	2600	2500	2700	2600	2400	2000	1800	1700	1600	1400	1300	1000
	.10	1500	1500	1400	1400	1400	1300	1300	1100	1100	900	800	700
2500	.90	1500	1500	1500	1500	1500	1400	1400	1400	1300	1000	900	700
	.50	1500	1500	1400	1400	1400	1400	1300	1300	1200	900	800	600
	.10	1300	1300	1100	1100	1100	1100	1000	1000	900	600	500	300
	.90	1700	1700	1700	1700	1500	1500	1500	1400	1300	1100	1000	900
	.50	1600	1600	1600	1500	1400	1400	1400	1300	1200	900	800	600
	.10	1300	1300	1300	1300	1100	1100	1100	1100	900	700	600	400
	.90	3200	3100	2700	2600	2400	2000	1800	1800	1600	1400	1300	1200
	.50	2600	2500	2700	2600	2400	2000	1800	1700	1600	1400	1300	1000
	.10	1500	1500	1400	1400	1400	1300	1300	1100	1100	900	800	700
	.90	1700	1700	1700	1700	1500	1500	1500	1400	1300	1100	1000	900
	.50	1600	1600	1600	1500	1400	1400	1400	1300	1200	900	800	600
	.10	1300	1300	1300	1300	1100	1100	1100	1100	900	700	600	400
	.90	3200	3100	2700	2600	2400	2000	1800	1800	1600	1400	1300	1200
	.50	2600	2500	2700	2600	2400	2000	1800	1700	1600	1400	1300	1100
	.10	1500	1500	1400	1400	1400	1300	1300	1100	1100	900	800	600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1700	1700	1500	1500	1500	1500	1400	1400	1300	1000	900	800
	.50	1600	1600	1500	1500	1400	1400	1400	1300	1200	900	800	700
	.10	1300	1300	1300	1300	1100	1100	1100	1000	900	700	500	400
	.90	1700	1700	1700	1700	1500	1500	1500	1500	1300	1200	1000	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1300	1300	1300	1300	1100	1100	1100	900	800	600	500
	.90	3200	3100	2700	2600	2400	2200	2100	2000	1800	1500	1400	1300
	.50	2600	2500	2300	2200	2200	2000	1800	1700	1500	1400	1300	1200
	.10	2000	2000	1900	1900	1900	1400	1400	1300	1100	1000	900	800
2700	.90	1700	1700	1700	1600	1500	1500	1500	1400	1300	1000	900	800
	.50	1600	1600	1600	1600	1400	1400	1400	1400	1200	1000	800	700
	.10	1400	1300	1300	1300	1200	1100	1100	1100	900	700	600	400
	.90	1800	1800	1700	1700	1700	1500	1500	1500	1300	1200	1000	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1100	900	800
	.10	1400	1400	1300	1300	1300	1100	1100	1100	1000	800	600	500
	.90	3200	3100	2700	2700	2400	2300	2200	2000	1800	1700	1500	1400
	.50	2600	2500	2300	2300	2300	1900	1900	1400	1200	1100	900	900
	.10	2000	2000	2000	2000	2000	1500	1500	1500	1300	1100	1000	900
2800	.90	1700	1700	1700	1600	1500	1400	1400	1400	1200	1000	900	800
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	800	500
	.10	1400	1400	1300	1300	1300	1100	1100	1100	900	800	600	500
	.90	1800	1800	1800	1800	1700	1600	1500	1500	1400	1300	1100	1000
	.50	1700	1700	1700	1600	1600	1500	1400	1400	1300	1100	900	800
	.10	1500	1500	1400	1300	1300	1100	1100	1100	1000	800	600	500
	.90	3400	3200	3000	2700	2400	2300	2300	2000	2000	1800	1500	1400
	.50	2800	2700	2400	2400	2300	2300	2300	1900	1700	1500	1400	1300
	.10	2100	2100	2100	2100	2000	2000	1900	1900	1300	1100	1000	900
2900	.90	1700	1700	1700	1700	1600	1500	1500	1500	1300	1200	1000	900
	.50	1700	1700	1600	1600	1500	1400	1400	1400	1200	1100	900	800
	.10	1500	1500	1300	1300	1300	1100	1100	1100	1000	800	600	500
	.90	1800	1800	1800	1800	1700	1700	1600	1500	1400	1300	1200	1000
	.50	1700	1700	1700	1700	1600	1600	1500	1400	1300	1200	1000	900
	.10	1500	1500	1400	1400	1300	1300	1200	1100	1000	900	700	500
	.90	3500	3300	3200	3100	2500	2300	2300	2300	2000	1800	1600	1500
	.50	2900	2800	2700	2500	2300	2300	2300	2200	1700	1600	1400	1300
	.10	2100	2100	2100	2100	2000	2000	1900	1900	1300	1100	1000	900

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1800	1800	1800	1700	1700	1500	1500	1500	1400	1200	1000	900
	.50	1700	1700	1600	1600	1600	1500	1400	1400	1300	1100	900	800
	.10	1500	1400	1400	1400	1300	1300	1100	1100	1000	800	600	500
	.90	2100	1800	1800	1800	1800	1700	1700	1600	1500	1300	1200	1100
	.50	1800	1800	1700	1700	1700	1600	1500	1400	1400	1200	1100	900
	.10	1600	1500	1400	1400	1400	1300	1300	1200	1100	900	800	600
	.90	3600	3400	3300	3200	2700	2400	2300	2300	2100	1900	1700	1500
	.50	3000	2800	2800	2700	2400	2300	2300	2200	1800	1700	1500	1400
	.10	2100	2100	2100	2100	2000	2000	2000	1900	1400	1200	1100	1000
3100	.90	1800	1800	1800	1800	1700	1700	1500	1500	1400	1300	1100	1000
	.50	1800	1800	1700	1700	1500	1600	1500	1400	1300	1200	900	800
	.10	1600	1600	1500	1400	1300	1300	1300	1100	1000	900	600	500
	.90	2300	2300	2200	2200	2200	1800	1800	1700	1500	1400	1300	1200
	.50	2300	2300	2200	2200	2200	1700	1700	1600	1400	1200	1100	900
	.10	2000	2000	1900	1900	1900	1400	1400	1300	1100	900	800	600
	.90	3700	3500	3300	3300	3100	2500	2300	2300	2200	2000	1900	1700
	.50	3100	2900	2800	2800	2700	2300	2300	2300	2000	1800	1700	1500
	.10	2400	2400	2100	2100	2000	2000	2000	1900	1700	1400	1200	1100
3200	.90	2000	1900	1900	1800	1800	1700	1700	1500	1400	1300	1200	1000
	.50	2000	1900	1900	1800	1700	1600	1600	1500	1400	1200	1000	900
	.10	1800	1700	1700	1600	1400	1300	1300	1300	1100	900	700	600
	.90	2300	2300	2300	2300	2300	2200	2200	1800	1600	1500	1300	1200
	.50	2300	2300	2300	2300	2300	2200	2200	1800	1400	1300	1200	1100
	.10	2000	2000	2000	2000	2000	1900	1900	1500	1100	1000	900	800
	.90	3900	3600	3500	3300	3200	2800	2600	2400	2200	2100	2000	1900
	.50	3300	3000	2900	2800	2800	2800	2400	2300	2100	1900	1800	1600
	.10	2600	2500	2500	2500	2500	2000	2000	2000	1800	1600	1300	1200
3300	.90	2300	2300	2200	2200	2200	1800	1800	1700	1500	1300	1200	1100
	.50	2300	2300	2200	2200	2200	1800	1700	1600	1400	1200	1100	900
	.10	2000	2000	1900	1900	1900	1600	1400	1300	1100	900	800	600
	.90	2400	2400	2400	2400	2300	2300	2200	2200	1700	1500	1400	1300
	.50	2400	2400	2400	2400	2300	2300	2200	2200	1500	1400	1200	1100
	.10	2100	2100	2100	2100	2000	2000	1900	1900	1300	1000	900	800
	.90	4000	3700	3500	3400	3300	2900	2800	2600	2300	2200	2100	2000
	.50	3400	3100	2900	2900	2900	2800	2700	2400	2200	2000	1900	1700
	.10	2600	2600	2600	2600	2500	2400	2400	2000	1800	1700	1400	1300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3400	.90	2300	2300	2300	2300	2300	2200	2200	1900	1500	1400	1300	1200
	.50	2300	2300	2300	2300	2300	2200	2200	1900	1400	1300	1200	1000
	.10	2000	2000	2000	2000	2000	1900	1900	1700	1100	1000	900	700
	.90	2400	2400	2400	2400	2300	2300	2200	2200	1800	1500	1400	1300
	.50	2400	2400	2400	2400	2300	2300	2200	2200	1600	1400	1300	1200
	.10	2100	2100	2100	2100	2000	2000	1900	1900	1300	1100	900	900
	.90	4000	3700	3600	3400	3300	2900	2900	2700	2300	2200	2100	2000
	.50	3400	3100	3000	2900	2900	2800	2800	2400	2200	2100	1900	1800
	.10	2600	2600	2600	2600	2500	2500	2000	2000	1900	1700	1500	1300
3500	.90	2400	2400	2400	2400	2300	2300	2200	2200	1700	1500	1300	1200
	.50	2400	2400	2400	2400	2300	2300	2200	2200	1500	1300	1200	1100
	.10	2100	2100	2100	2100	2000	2000	1900	1900	1300	1000	900	800
	.90	2400	2400	2400	2400	2300	2300	2200	2200	1700	1600	1500	1300
	.50	2400	2400	2400	2400	2300	2300	2200	2200	1700	1400	1300	1200
	.10	2100	2100	2100	2100	2000	2000	2000	1900	1300	1100	1000	900
	.90	4100	3800	3600	3400	3300	2900	2800	2600	2200	2100	1900	1800
	.50	3500	3200	3000	2900	2900	2800	2800	2600	2200	2100	1900	1800
	.10	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1500	1300
3600	.90	2400	2400	2400	2400	2300	2300	2200	2200	1700	1500	1400	1300
	.50	2400	2400	2400	2400	2300	2300	2200	2200	1600	1400	1200	1200
	.10	2100	2100	2100	2100	2000	2000	1900	1900	1300	1100	900	800
	.90	3100	2700	2500	2400	2300	2300	2300	2200	1900	1700	1500	1400
	.50	2700	2700	2400	2400	2300	2300	2300	2200	1700	1500	1400	1300
	.10	2400	2400	2100	2100	2000	2000	2000	1900	1400	1100	1000	900
	.90	4100	3900	3600	3400	3300	3000	2900	2800	2400	2200	2100	2000
	.50	3500	3300	3000	2900	2900	2800	2800	2700	2300	2100	2000	1800
	.10	2600	2600	2600	2600	2500	2500	2200	2100	1800	1700	1600	1400
3700	.90	2400	2400	2400	2400	2300	2300	2200	2200	1700	1500	1400	1300
	.50	2400	2400	2400	2400	2300	2300	2200	2200	1600	1400	1300	1200
	.10	2100	2100	2100	2100	2000	2000	2000	1900	1300	1100	900	900
	.90	3100	3100	2800	2800	2800	2400	2300	2300	2100	1900	1700	1500
	.50	2900	2800	2800	2800	2800	2300	2300	2300	2000	1700	1500	1400
	.10	2600	2500	2500	2500	2500	2000	2000	2000	1700	1300	1100	1000
	.90	4200	3900	3600	3500	3300	3100	3000	2900	2500	2300	2200	2100
	.50	3600	3300	3000	3000	2900	2800	2800	2800	2300	2100	2000	1900
	.10	2800	2800	2600	2600	2600	2500	2300	2200	1900	1700	1600	1400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2700	2700	2400	2400	2300	2300	2300	2200	1800	1600	1500	1400
	.50	2700	2700	2400	2400	2300	2300	2300	2200	1700	1400	1400	1200
	.10	2400	2400	2100	2100	2000	2000	2000	1900	1400	1100	1000	900
	.90	3200	3100	2900	2900	2800	2700	2400	2300	2200	2000	1800	1700
	.50	2900	2900	2900	2900	2800	2700	2300	2300	2100	1900	1700	1500
	.10	2600	2600	2600	2600	2500	2400	2000	2000	1800	1600	1200	1100
	.90	4200	4000	3600	3500	3300	3200	3100	3000	2500	2300	2200	2100
	.50	3600	3400	3200	3100	2900	2900	2800	2800	2400	2100	2000	1900
	.10	2900	2900	2900	2800	2600	2500	2400	2300	2000	1800	1600	1500
3900	.90	2900	2800	2800	2800	2800	2300	2300	2300	2100	1800	1600	1500
	.50	2900	2800	2800	2800	2800	2300	2300	2300	2000	1700	1400	1400
	.10	2600	2500	2500	2500	2500	2000	2000	2000	1700	1300	1100	1000
	.90	3200	3100	2900	2900	2800	2800	2400	2300	2200	2100	2000	1800
	.50	2900	2900	2900	2900	2800	2800	2300	2300	2100	1900	1700	1600
	.10	2600	2600	2600	2600	2500	2500	2000	2000	1800	1700	1300	1200
	.90	4500	4400	4000	3600	3400	3200	3100	3100	2700	2400	2200	2100
	.50	3900	3800	3400	3200	3100	2900	2900	2800	2500	2200	2000	1900
	.10	2900	2900	2900	2900	2600	2600	2500	2300	2100	1800	1700	1500
4000	.90	2900	2900	2900	2900	2800	2700	2300	2300	2200	2000	1800	1600
	.50	2900	2900	2900	2900	2800	2700	2300	2300	2100	1800	1600	1400
	.10	2900	2900	2900	2900	2800	2700	2300	2300	2100	1800	1600	1400
	.90	2600	2600	2600	2600	2500	2400	2000	2000	1800	1600	1200	1100
	.50	3200	3100	2900	2900	2800	2800	2500	2400	2300	2100	2000	1900
	.10	2900	2900	2900	2900	2800	2800	2400	2300	2200	2000	1800	1700
	.90	2900	2900	2900	2900	2800	2800	2400	2300	2200	2000	1800	1700
	.50	2600	2600	2600	2600	2500	2500	2100	2000	1900	1700	1400	1200
	.10	4600	4600	4500	4000	3400	3300	3200	3100	2800	2400	2200	2100
	.50	4000	4000	3900	3400	3200	2900	2900	2900	2600	2200	2100	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1600
	.90	2900	2900	2900	2900	2800	2800	2400	2300	2200	2100	1800	1700
	.50	2900	2900	2900	2900	2800	2800	2400	2300	2200	2100	1800	1700
	.10	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
4100	.90	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.50	3200	3100	2900	2900	2800	2800	2400	2400	2300	2200	2100	1900
	.10	2900	2900	2900	2900	2800	2800	2400	2300	2200	2000	1900	1700
	.90	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.50	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.10	3200	3100	2900	2900	2800	2800	2400	2400	2300	2200	2100	1900
	.50	2900	2900	2900	2900	2800	2800	2400	2400	2200	2000	1900	1700
	.10	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.90	4600	4600	4500	4400	4000	3300	3200	3100	2800	2400	2200	2100
	.50	4000	4000	3900	3400	3200	2900	2900	2900	2600	2200	2100	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1600
	.90	2900	2900	2900	2900	2800	2800	2400	2300	2200	2100	1800	1700
	.50	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.10	3200	3100	2900	2900	2800	2800	2400	2400	2300	2200	2100	1900
	.50	2900	2900	2900	2900	2800	2800	2400	2300	2200	2000	1900	1700
	.10	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.90	4600	4600	4500	4400	4000	3300	3200	3100	2800	2400	2200	2100
	.50	4000	4000	3900	3400	3200	2900	2900	2900	2600	2200	2100	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1600
	.90	2900	2900	2900	2900	2800	2800	2400	2300	2200	2100	1800	1700
	.50	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.10	3200	3100	2900	2900	2800	2800	2400	2400	2300	2200	2100	1900
	.50	2900	2900	2900	2900	2800	2800	2400	2300	2200	2000	1900	1700
	.10	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.90	4600	4600	4500	4400	4000	3300	3200	3100	2800	2400	2200	2100
	.50	4000	4000	3900	3400	3200	2900	2900	2900	2600	2200	2100	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1600
	.90	2900	2900	2900	2900	2800	2800	2400	2300	2200	2100	1800	1700
	.50	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.10	3200	3100	2900	2900	2800	2800	2400	2400	2300	2200	2100	1900
	.50	2900	2900	2900	2900	2800	2800	2400	2300	2200	2000	1900	1700
	.10	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.90	4600	4600	4500	4400	4000	3300	3200	3100	2800	2400	2200	2100
	.50	4000	4000	3900	3400	3200	2900	2900	2900	2600	2200	2100	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1600
	.90	2900	2900	2900	2900	2800	2800	2400	2300	2200	2100	1800	1700
	.50	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.10	3200	3100	2900	2900	2800	2800	2400	2400	2300	2200	2100	1900
	.50	2900	2900	2900	2900	2800	2800	2400	2300	2200	2000	1900	1700
	.10	2600	2600	2600	2600	2500	2500	2100	2000	1800	1700	1300	1100
	.90	4600	4600	4500	4400	4000	3300	3200	3100	2800	2400	2200	2100
	.50	4000	4000	3900	3400	3200	2900	2900	2900	2600	2200	2100	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2900	2900	2900	2900	2800	2800	2500	2400	2300	2100	2000	1800
	.50	2900	2900	2900	2900	2800	2800	2500	2400	2200	2000	1700	1600
	.10	2600	2600	2600	2600	2500	2500	2300	2100	1900	1700	1400	1200
	.90	3200	3100	2900	2900	2900	2800	2600	2500	2300	2200	2100	2000
	.50	3100	3100	2900	2900	2800	2800	2500	2400	2100	2000	1900	1700
	.10	2800	2800	2600	2600	2500	2500	2300	2200	1800	1700	1500	1300
	.90	4600	4600	4600	4500	3500	3300	3200	3200	2900	2400	2300	2200
	.50	4000	4000	4000	3900	3200	3000	2900	2900	2700	2300	2100	2000
	.10	2900	2900	2900	2900	2800	2800	2600	2500	2200	1900	1700	1600
4300	.90	2900	2900	2900	2900	2800	2800	2500	2400	2200	2100	2000	1800
	.50	2900	2900	2900	2900	2800	2800	2500	2400	2200	2000	1800	1700
	.10	2600	2600	2600	2600	2500	2500	2300	2200	1900	1700	1400	1200
	.90	3200	3200	3200	3100	2900	2800	2700	2500	2300	2200	2100	2000
	.50	3200	3200	3200	3100	2900	2800	2700	2500	2200	2000	1900	1800
	.10	2900	2900	2900	2800	2600	2500	2400	2300	1900	1700	1500	1300
	.90	4700	4700	4600	4500	3600	3300	3200	3200	2900	2500	2300	2200
	.50	4100	4100	4000	3900	3200	3100	2900	2900	2700	2300	2100	2000
	.10	2900	2900	2900	2900	2800	2800	2600	2500	2200	1900	1700	1600
4400	.90	3100	3100	2900	2900	2900	2800	2500	2500	2200	2100	2000	1900
	.50	3100	3100	2900	2900	2900	2800	2500	2500	2200	2100	2000	1800
	.10	2800	2800	2600	2600	2500	2500	2300	2300	1800	1700	1500	1300
	.90	3300	3200	3200	3200	2900	2900	2800	2600	2400	2200	2100	2000
	.50	3200	3200	3200	3200	2900	2800	2800	2500	2200	2100	1900	1800
	.10	2900	2900	2900	2900	2500	2500	2300	2300	1900	1700	1600	1400
	.90	4700	4700	4600	4500	3600	3400	3200	3200	2900	2500	2300	2200
	.50	4100	4100	4000	3900	3200	3100	2900	2900	2800	2400	2100	2000
	.10	2900	2900	2900	2900	2800	2800	2600	2500	2200	2100	1900	1900
4500	.90	3200	3200	3200	3100	2900	2900	2700	2500	2300	2200	2100	1700
	.50	3200	3200	3200	3100	2900	2900	2700	2500	2300	2200	2100	1900
	.10	2900	2900	2900	2800	2600	2600	2400	2300	2000	1900	1700	1700
	.90	3200	3200	3200	3100	2900	2900	2700	2500	2300	2200	2100	1900
	.50	3200	3200	3200	3100	2900	2900	2700	2500	2300	2200	2100	1900
	.10	2900	2900	2900	2800	2600	2600	2400	2300	2000	1900	1500	1300
	.90	3300	3300	3200	3200	2900	2900	2800	2700	2400	2200	2100	2000
	.50	3200	3200	3200	3200	2900	2900	2800	2600	2300	2100	2000	1800
	.10	2900	2900	2900	2900	2600	2600	2400	2300	2000	1700	1600	1400
	.90	4700	4700	4600	4500	3700	3400	3200	3200	2900	2500	2400	2200
	.50	4100	4100	4000	3900	3200	3100	2900	2900	2800	2400	2200	2000
	.10	2900	2900	2900	2900	2800	2800	2600	2500	2200	2000	1700	1700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
4600	.90	3200	3200	3200	3200	2900	2800	2800	2500	2300	2200	2100	2000
	.50	3200	3200	3200	3200	2900	2800	2800	2500	2300	2000	1900	1800
	.10	2900	2900	2900	2900	2600	2500	2500	2300	2000	1700	1500	1300
	.90	3400	3300	3300	3200	3200	2900	2900	2800	2500	2300	2200	2100
	.50	3200	3200	3200	3200	2900	2900	2800	2800	2300	2100	2000	1900
	.10	2900	2900	2900	2900	2600	2600	2500	2300	2000	1700	1600	1500
	.90	4700	4700	4600	4500	3700	3400	3300	3200	3000	2500	2400	2300
	.50	4100	4100	4000	3900	3400	3200	3000	2900	2800	2400	2200	2000
	.10	3200	3200	3200	3200	2900	2700	2600	2600	2300	2000	1700	1700
4700	.90	3200	3200	3200	3200	2900	2900	2800	2600	2400	2200	2100	2000
	.50	3200	3200	3200	3200	2900	2900	2800	2500	2300	2000	1900	1800
	.10	2900	2900	2900	2900	2600	2600	2500	2300	2000	1700	1600	1400
	.90	3500	3300	3300	3300	3200	3000	2900	2900	2500	2300	2200	2100
	.50	3200	3200	3200	3200	3000	2900	2800	2800	2400	2100	2000	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2000	1800	1600	1500
	.90	5100	5100	4800	4600	4000	3400	3400	3300	3100	2700	2400	2300
	.50	4500	4500	4200	4000	3400	3400	3200	3000	2800	2500	2200	2100
	.10	3300	3300	3200	3200	3200	2900	2700	2600	2300	2000	1800	1700
4800	.90	3200	3200	3200	3200	3000	2900	2800	2700	2400	2200	2100	2000
	.50	3200	3200	3200	3200	2900	2900	2800	2700	2300	2100	2000	1800
	.10	2900	2900	2900	2900	2600	2600	2500	2400	2000	1700	1600	1400
	.90	3600	3400	3300	3300	3200	3100	3000	2900	2500	2300	2200	2100
	.50	3200	3200	3200	3200	3000	2900	2800	2800	2500	2200	2000	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1500
	.90	5200	5200	5100	4700	4500	3600	3400	3400	3200	3100	2800	2500
	.50	4600	4600	4500	4100	3900	3400	3200	3200	3100	2900	2600	2300
	.10	3400	3400	3300	3200	3200	2900	2900	2900	2800	2500	2100	1900
4900	.90	3200	3200	3200	3200	3000	2900	2800	2800	2400	2200	2100	2000
	.50	3200	3200	3200	3200	3000	2900	2800	2800	2400	2200	2100	2000
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1500
	.90	5200	5200	5100	4700	4500	3600	3400	3400	3200	3100	2800	2500
	.50	4600	4600	4500	4100	3900	3400	3200	3200	3100	2900	2600	2300
	.10	3400	3400	3300	3200	3200	2900	2900	2900	2800	2500	2100	1900
	.90	3200	3200	3200	3200	3000	2900	2800	2800	2400	2200	2100	2000
	.50	3200	3200	3200	3200	3000	2900	2800	2800	2400	2200	2100	2000
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1600	1500
	.90	3700	3500	3400	3300	3300	3200	3100	3000	2700	2400	2200	1900
	.50	3200	3200	3200	3200	3100	2900	2900	2800	2500	2200	2000	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2100	1800	1700	1600
	.90	5200	5200	5100	5000	4600	3700	3500	3400	3400	3200	3100	2800
	.50	4600	4600	4500	4400	4000	3400	3400	3400	3200	3100	2900	2600
	.10	3400	3400	3300	3200	3200	3200	3100	3000	2900	2800	2500	2100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		INCUBATION MONTH - MARCH											
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
		EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
5000	.90	3200	3200	3200	3200	3000	2900	2900	2800	2500	2300	2200	2100
	.50	3200	3200	3200	3200	3000	2900	2800	2800	2400	2100	2000	1900
	.10	2900	2900	2900	2900	2700	2600	2500	2500	2000	1700	1600	1500
	.90	3900	3600	3500	3400	3300	3200	3100	3100	2800	2400	2300	2100
	.50	3400	3400	3400	3400	3200	3000	2900	2900	2600	2300	2100	2000
5100	.10	3200	3200	3200	3200	2900	2600	2600	2500	2200	1900	1700	1600
	.90	5300	5300	5200	5100	4800	4300	3500	3600	3400	3300	3200	3000
	.50	4700	4700	4600	4500	4200	3700	3500	3500	3400	3200	3000	2800
	.10	3500	3500	3400	3300	3200	3200	3200	3200	3000	2900	2700	2300
	.90	3400	3400	3400	3400	3200	3000	2900	2900	2500	2300	2200	2100
5200	.50	3400	3400	3400	3400	3400	3400	3400	3400	2900	2600	2400	2000
	.10	3200	3200	3200	3200	3200	2800	2600	2600	2200	2000	1700	1600
	.90	5300	5300	5200	5100	4900	4500	3800	3800	3600	3400	3300	3200
	.50	4700	4700	4600	4500	4300	3900	3700	3600	3500	3300	3200	3000
	.10	3500	3500	3400	3400	3400	3400	3400	3300	3200	3000	2800	2600
5300	.90	3400	3400	3400	3400	3400	3400	3400	3400	2900	2600	2400	2100
	.50	3400	3400	3400	3400	3400	3400	3400	3400	2500	2400	2200	2100
	.10	3200	3200	3200	3200	3200	2800	2600	2600	2200	2000	1700	1600
	.90	4000	3700	3600	3500	3400	3400	3200	3200	2900	2500	2300	2200
	.50	3400	3400	3400	3400	3400	3400	3400	2900	2800	2300	2100	2000
5300	.90	5300	5300	5200	5100	4800	4400	3900	3900	3700	3500	3300	3200
	.50	4700	4700	4600	4500	4200	3800	3800	3800	3600	3400	3200	3100
	.10	3500	3500	3500	3500	3500	3500	3400	3400	3300	3100	2900	2700
	.90	3400	3400	3400	3400	3400	3200	3100	3100	2800	2400	2200	2100
	.50	3400	3400	3400	3400	3400	3400	3200	2900	2600	2300	2000	2000
5300	.10	3200	3200	3200	3200	3200	2900	2600	2600	2200	1900	1700	1600
	.90	4100	3800	3600	3500	3400	3400	3300	3200	3000	2500	2400	2200
	.50	3500	3400	3400	3400	3400	3400	3200	3000	2800	2400	2200	2000
	.10	3200	3200	3200	3200	3200	3200	2800	2600	2300	2000	1800	1700
	.90	5300	5300	5200	5100	4800	4400	3900	3900	3700	3500	3400	3200
5300	.50	4700	4700	4600	4500	4200	3800	3800	3800	3600	3400	3200	3100
	.10	3400	3400	3400	3400	3400	3400	3400	3400	2800	2400	2200	2100
	.90	3200	3200	3200	3200	3200	2900	2600	2600	2200	1900	1700	1600
	.50	3400	3400	3400	3400	3400	3400	3400	3400	2600	2300	2000	2000
	.10	3200	3200	3200	3200	3200	3200	2900	2600	2200	1900	1700	1600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5400	.90	3400	3400	3400	3400	3400	3400	3200	3100	2900	2400	2300	2100	
		3400	3400	3400	3400	3400	3400	3400	3100	2900	2700	2300	2100	2000
		3200	3200	3200	3200	3200	3200	2800	2600	2300	2300	2000	1700	1600
		4100	3900	3600	3500	3400	3400	3400	3300	3200	3200	3000	2600	2400
		3600	3600	3400	3400	3400	3400	3200	3200	3200	3100	2900	2500	2300
		3400	3400	3200	3200	3200	3200	2900	2900	2900	2800	2500	2100	1900
		5300	5300	5200	5100	4800	4400	3900	3900	3900	3800	3500	3400	3200
		4700	4700	4600	4500	4200	3900	3800	3800	3800	3600	3400	3300	3200
		3700	3600	3600	3500	3500	3500	3500	3500	3400	3300	3100	3000	2800
		3600	3600	3400	3400	3400	3400	3400	3300	3200	2900	2500	2300	2200
5500	.90	3600	3600	3600	3600	3600	3600	3200	3100	2800	2400	2200	2000	
		3600	3600	3200	3200	3200	3200	2900	2800	2800	2000	1800	1600	
		4200	3900	3600	3600	3500	3400	3400	3400	3400	3300	3200	3000	2700
		3600	3600	3400	3400	3400	3400	3400	3300	3300	3200	3100	2800	2500
		3400	3400	3200	3200	3200	3200	3100	3000	3000	2900	2800	2500	2100
		5300	5300	5200	5200	4700	4300	3900	3900	3900	3800	3500	3400	3300
		4700	4700	4600	4600	4100	3900	3800	3800	3800	3700	3400	3300	3200
		3700	3700	3700	3600	3500	3500	3500	3500	3500	3300	3100	3000	2900
		3600	3600	3500	3400	3400	3400	3400	3300	3300	3200	3000	2500	2400
		3600	3600	3400	3400	3400	3400	3200	3200	3200	3100	2900	2500	2200
5600	.90	3400	3400	3200	3200	3200	3200	3000	2900	2800	2500	2100	1800	
		4200	4000	3600	3600	3600	3600	3600	3500	3400	3300	3200	2900	
		3600	3600	3500	3500	3500	3500	3300	3300	3300	3200	3000	2800	
		3400	3400	3400	3400	3400	3400	3200	3200	2900	2800	2500	2100	
		5300	5300	5200	5200	4700	4300	3900	3900	3900	3800	3500	3400	3300
		4700	4700	4600	4600	4100	3900	3800	3800	3800	3700	3400	3300	3200
		3700	3700	3700	3600	3500	3500	3500	3500	3500	3300	3100	3000	2900
		3600	3600	3500	3400	3400	3400	3400	3300	3300	3200	3000	2500	2400
		3600	3600	3400	3400	3400	3400	3200	3200	3200	3100	2900	2500	2200
		3400	3400	3200	3200	3200	3200	3000	3000	2900	2800	2500	2100	1800
5700	.90	3400	3400	3200	3200	3200	3200	3000	2900	2800	2500	2100	1800	
		4200	4000	3600	3600	3600	3600	3600	3500	3400	3300	3200	2900	
		3600	3600	3500	3500	3500	3500	3300	3300	3300	3200	3000	2800	
		3400	3400	3400	3400	3400	3400	3200	3200	2900	2800	2500	2100	
		5300	5300	5300	5200	4700	4300	3900	3900	3900	3800	3500	3400	3300
		4700	4700	4700	4700	4100	3900	3800	3800	3800	3700	3400	3300	3200
		3700	3800	3700	3700	3500	3500	3500	3500	3500	3300	3100	3000	2900
		3700	3600	3500	3500	3400	3400	3400	3400	3400	3300	3200	3000	2500
		3600	3600	3400	3400	3400	3400	3400	3400	3400	3300	3200	3000	2500
		3400	3400	3200	3200	3200	3200	3100	3000	3000	2900	2800	2500	2100
5800	.90	3400	3400	3200	3200	3200	3200	3000	2900	2800	2500	2100	1800	
		4500	4400	4000	4000	4000	4000	4000	3800	3700	3400	3300	3200	
		3900	3800	3700	3700	3700	3700	3600	3600	3600	3400	3300	3100	
		3400	3400	3400	3400	3400	3400	3300	3300	3300	3200	3000	2600	
		5400	5300	5300	5200	4600	4300	3900	3900	3900	3800	3500	3400	3300
		4800	4700	4700	4700	4200	4000	3800	3800	3800	3700	3400	3300	3200
		3700	3800	3700	3700	3500	3500	3500	3500	3500	3300	3100	3000	2900
		3700	3600	3500	3500	3400	3400	3400	3400	3400	3300	3200	3000	2500
		3600	3600	3400	3400	3400	3400	3400	3400	3400	3300	3200	3000	2500
		3400	3400	3200	3200	3200	3200	3100	3000	3000	2900	2800	2500	2100
5900	.90	3400	3400	3200	3200	3200	3200	3000	2900	2800	2500	2100	1800	
		4500	4400	4000	4000	4000	4000	4000	3800	3700	3400	3300	3200	
		3900	3800	3700	3700	3700	3700	3600	3600	3600	3400	3300	3100	
		3400	3400	3400	3400	3400	3400	3300	3300	3300	3200	3000	2600	
		5400	5300	5300	5200	4600	4300	3900	3900	3900	3800	3500	3400	3300
		4800	4700	4700	4700	4200	4000	3800	3800	3800	3700	3400	3300	3200
		3700	3800	3700	3700	3500	3500	3500	3500	3500	3300	3100	3000	2900
		3700	3600	3500	3500	3400	3400	3400	3400	3400	3300	3200	3000	2500
		3600	3600	3400	3400	3400	3400	3400	3400	3400	3300	3200	3000	2500
		3400	3400	3200	3200	3200	3200	3100	3000	3000	2900	2800	2500	2100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3900	3600	3500	3600	3600	3600	3600	3500	3400	3300	3100	2900
	.50	3600	3600	3500	3500	3500	3500	3400	3400	3300	3200	3000	2800
	.10	3400	3400	3200	3200	3200	3200	3200	3200	3000	2900	2700	2300
	.90	4600	4600	4500	4000	3900	3900	3900	3800	3700	3400	3300	3200
	.50	4000	4000	3900	3800	3800	3800	3800	3700	3600	3400	3200	3100
	.10	3500	3500	3500	3500	3500	3500	3400	3400	3300	3000	2900	2700
	.90	5800	5800	5800	5400	5100	4400	4100	4000	3800	3600	3400	3300
	.50	5200	5200	5200	4800	4500	4100	3900	3800	3700	3500	3300	3200
	.10	4100	4000	4000	3900	3800	3500	3500	3500	3400	3200	3000	2900
5900	.90	4000	3800	3800	3800	3800	3700	3700	3700	3500	3400	3200	3100
	.50	3700	3700	3700	3700	3700	3600	3600	3600	3400	3300	3100	2900
	.10	3400	3400	3400	3400	3400	3300	3300	3300	3200	3000	2800	2600
	.90	4600	4600	4500	4400	3900	3900	3900	3800	3700	3400	3300	3200
	.50	4000	4000	3900	3900	3800	3800	3800	3700	3600	3400	3200	3100
	.10	3700	3600	3600	3500	3500	3500	3500	3400	3300	3100	2900	2800
	.90	6000	6000	6000	6000	5900	5200	4500	4300	3900	3600	3400	3400
	.50	5400	5400	5400	5400	5300	4600	4200	4000	3700	3500	3400	3200
	.10	4200	4200	4200	4200	4100	3900	3700	3500	3400	3200	3100	2900
6000	.90	4000	3900	3900	3900	3900	3900	3800	3800	3600	3400	3300	3200
	.50	3800	3800	3800	3800	3800	3800	3700	3700	3600	3400	3200	3000
	.10	3500	3500	3500	3500	3500	3500	3400	3400	3300	3100	2900	2700
	.90	4600	4600	4600	4500	3900	3900	3900	3900	3700	3500	3300	3200
	.50	4000	4000	4000	4000	3800	3800	3800	3800	3600	3400	3200	3100
	.10	3700	3700	3700	3600	3500	3500	3500	3500	3300	3100	2900	2800
	.90	6100	6100	6100	6100	6000	5800	5100	4500	3900	3700	3500	3400
	.50	5500	5500	5500	5500	5400	5200	4500	4200	3800	3600	3400	3300
	.10	4300	4300	4300	4300	4200	4100	3900	3700	3600	3400	3300	3200
6100	.90	4100	3900	3900	3900	3900	3900	3900	3800	3700	3400	3200	3100
	.50	4000	3900	3900	3800	3800	3800	3700	3700	3600	3400	3200	2800
	.10	3700	3600	3600	3500	3500	3500	3500	3400	3300	3100	2900	2800
	.90	4700	4700	4600	4500	4000	3900	3900	3900	3700	3500	3400	3200
	.50	4300	4100	4000	4000	3900	3800	3800	3800	3600	3400	3200	3200
	.10	4000	3800	3700	3700	3500	3500	3500	3500	3300	3100	3000	2800
	.90	6200	6200	6200	6100	6100	6000	5700	4700	3900	3700	3500	3400
	.50	5600	5600	5600	5500	5500	5400	5100	4400	3800	3600	3400	3300
	.10	4400	4400	4400	4300	4300	4200	4000	3900	3500	3300	3100	3000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION Q EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200 .90	4100	4000	4000	3900	3900	3900	3900	3800	3700	3500	3300	3200
	4000	4000	4000	3900	3800	3800	3800	3800	3600	3400	3200	3100
	3700	3700	3700	3600	3500	3500	3500	3500	3300	3100	3000	2800
.50	4700	4700	4600	4500	4100	3900	3900	3900	3700	3500	3400	3300
	4300	4300	4100	4100	4000	3800	3800	3800	3600	3400	3300	3200
	4000	4000	3800	3700	3600	3500	3500	3500	3300	3200	3000	2900
.10	6200	6200	6200	6200	6100	6000	5900	5100	3900	3700	3500	3400
	5600	5600	5600	5600	5500	5400	5300	4600	3800	3600	3400	3300
	4400	4400	4400	4400	4300	4200	4100	4000	3500	3300	3200	3000
.90	4300	4100	4000	4000	3700	3900	3900	3900	3700	3500	3400	3200
	4300	4100	4000	4000	3800	3800	3800	3800	3600	3400	3200	3100
.50	4000	3800	3700	3700	3500	3500	3500	3500	3300	3100	3000	2800
	4700	4700	4600	4500	4200	3900	3900	3900	3800	3500	3400	3300
.50	4400	4300	4200	4100	4000	3900	3800	3800	3700	3400	3300	3200
	4100	4000	3900	3800	3700	3500	3500	3500	3300	3200	3000	2900
.10	6300	6300	6300	6300	6200	6100	6000	5700	3900	3700	3600	3400
	5700	5700	5700	5700	5600	5500	5400	5100	3800	3600	3400	3300
	4500	4500	4500	4500	4400	4300	4200	4100	3500	3300	3200	3000
.90	4300	4300	4100	4000	3900	3900	3900	3900	3700	3500	3400	3300
	4300	4300	4100	4000	4000	3800	3800	3800	3600	3400	3300	3200
.50	4000	4000	3800	3700	3600	3500	3500	3500	3300	3200	3000	2900
	4700	4700	4600	4500	4300	4000	3900	3900	3800	3600	3400	3300
.90	4400	4400	4300	4300	4100	3900	3800	3800	3700	3500	3300	3200
	4100	4100	4000	4000	3800	3500	3500	3500	3400	3200	3000	2900
.10	6700	6700	6700	6700	6300	6200	6100	5900	4000	3800	3600	3400
	6100	6100	6100	6100	5700	5600	5500	5300	3800	3700	3500	3400
.90	4900	4900	4900	4900	4500	4400	4300	4200	3500	3300	3200	3000
	4500	4400	4300	4200	4000	3900	3900	3900	3800	3500	3400	3300
.50	4400	4300	4200	4100	4000	3800	3800	3800	3600	3400	3300	3200
	4100	4000	3900	3900	3700	3500	3500	3500	3400	3200	3000	2900
.90	5100	5100	4800	4600	4400	4100	3900	3900	3800	3600	3400	3300
	4500	4500	4400	4400	4200	4000	3900	3800	3700	3500	3300	3200
.50	4100	4100	4100	4100	3900	3600	3500	3500	3400	3200	3000	2900
	6800	6800	6800	6800	6700	6300	6200	6000	4100	3800	3600	3400
.90	6200	6200	6200	6200	6100	5700	5600	5400	3900	3700	3500	3400
	5000	5000	5000	5000	4900	4500	4400	4300	3500	3400	3200	3100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	.90	4600	4600	4500	4400	4200	4000	3900	3800	3600	3400	3300
	.50	.50	4400	4400	4300	4100	3900	3800	3800	3700	3400	3300	3200
	.10	.10	4100	4100	4000	3800	3500	3500	3500	3400	3200	3000	2900
	.90	.90	5200	5200	5100	4700	4200	4000	3900	3800	3600	3400	3300
	.50	.50	4600	4600	4500	4400	4000	3900	3800	3700	3500	3400	3200
	.10	.10	4200	4100	4100	3900	3600	3500	3500	3400	3200	3000	2900
	.90	.90	6800	6800	6800	6700	6600	6200	6100	4200	3800	3600	3500
	.50	.50	6200	6200	6200	6100	6000	5600	5500	4000	3700	3500	3400
	.10	.10	5000	5000	5000	4900	4800	4400	4300	3500	3400	3200	3100
6700	.90	.90	4600	4600	4500	4300	4000	3900	3900	3800	3600	3400	3300
	.50	.50	4400	4400	4400	4100	3900	3800	3800	3700	3500	3300	3200
	.10	.10	4100	4100	4100	3900	3600	3500	3500	3400	3200	3000	2900
	.90	.90	5200	5200	5100	4500	4400	4200	4000	3800	3600	3500	3400
	.50	.50	4600	4600	4600	4400	4200	4000	3900	3700	3500	3400	3300
	.10	.10	4300	4300	4200	4000	3700	3500	3500	3400	3200	3100	3000
	.90	.90	6800	6800	6800	6800	6700	6200	6100	4300	3800	3600	3500
	.50	.50	6200	6200	6200	6200	6100	5600	5500	4100	3700	3500	3400
	.10	.10	5000	5000	5000	5000	4900	4500	4400	3700	3400	3200	3100
6800	.90	.90	4600	4600	4600	4300	4000	3900	3900	3800	3600	3400	3300
	.50	.50	4400	4400	4400	4100	3900	3800	3800	3700	3500	3400	3300
	.10	.10	4100	4100	4100	3900	3600	3500	3500	3400	3200	3000	2900
	.90	.90	5200	5200	5100	4500	4400	4200	4000	3800	3600	3400	3300
	.50	.50	4600	4600	4600	4400	4200	4000	3800	3700	3500	3400	3200
	.10	.10	4300	4300	4200	4000	3700	3500	3500	3400	3200	3000	2900
	.90	.90	5300	5300	5200	5100	4800	4300	4100	3900	3700	3500	3400
	.50	.50	4700	4700	4600	4600	4400	4300	4000	3800	3600	3400	3300
	.10	.10	4400	4400	4300	4200	4000	3800	3500	3400	3200	3100	3000
	.90	.90	6900	6900	6900	6800	6800	6700	6200	4400	3800	3700	3500
	.50	.50	6300	6300	6300	6200	6100	5700	5600	4200	3700	3600	3400
	.10	.10	5100	5100	5100	5000	4900	4600	4500	3800	3400	3200	3100
6900	.90	.90	4700	4700	4600	4600	4400	4200	4000	3800	3600	3400	3300
	.50	.50	4600	4600	4500	4300	4000	3900	3800	3700	3500	3400	3200
	.10	.10	4300	4300	4200	4000	3700	3500	3500	3400	3200	3100	3000
	.90	.90	5300	5300	5200	4900	4600	4400	4200	3900	3700	3500	3400
	.50	.50	4700	4700	4700	4500	4300	4200	4000	3800	3600	3400	3300
	.10	.10	4400	4400	4400	4100	3900	3600	3500	3400	3200	3100	3000
	.90	.90	5900	5900	6900	6900	6700	6300	6200	4400	3800	3700	3500
	.50	.50	5300	5300	6300	6300	6200	5700	5600	4300	3800	3600	3400
	.10	.10	4400	4400	4400	4100	3900	3600	3500	3400	3200	3100	3000
	.90	.90	5900	5900	6900	6900	6700	6300	6200	4400	3800	3700	3500
	.50	.50	5300	5300	6300	6300	6200	5700	5600	4300	3800	3600	3400
	.10	.10	4400	4400	4400	4100	3900	3600	3500	3400	3200	3100	3000
	.90	.90	5900	5900	6900	6900	6700	6300	6200	4400	3800	3700	3500
	.50	.50	5300	5300	6300	6300	6200	5700	5600	4300	3800	3600	3400
	.10	.10	4400	4400	4400	4100	3900	3600	3500	3400	3200	3100	3000
	.90	.90	5900	5900	6900	6900	6700	6300	6200	4400	3800	3700	3500
	.50	.50	5300	5300	6300	6300	6200	5700	5600	4300	3800	3600	3400
	.10	.10	4400	4400	4400	4100	3900	3600	3500	3400	3200	3100	3000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING #UA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		4700	4600	4600	4500	4200	4000	3900	3800	3600	3500	3400
	.50		4700	4600	4500	4300	4100	4000	3800	3700	3500	3400	3300
	.10		4400	4300	4200	4000	3800	3600	3500	3400	3200	3100	3000
	.90	.50	5300	5200	5100	4800	4600	4400	4300	3900	3700	3500	3400
	.50		5200	4700	4700	4500	4400	4200	4000	3800	3600	3400	3300
	.10		4900	4400	4300	4100	3900	3700	3500	3400	3200	3100	3000
	.90		6900	6900	6900	6800	6700	6600	6200	4500	3900	3700	3500
	.50		6300	6300	6300	6200	6100	6000	5600	4300	3700	3600	3400
	.10		5100	5100	5100	5000	4900	4800	4500	3900	3400	3300	3200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	.90	700	700	600	500	500	500	500	300	300	200	200
	.50	.50	600	600	500	500	400	400	400	200	200	100	100
	.10	.10	400	400	300	200	100	100	100	0	0	0	0
	.90	.90	900	900	800	800	700	600	500	400	400	300	300
	.50	.50	800	800	700	700	600	500	400	300	300	200	200
	.10	.10	500	500	400	400	400	300	100	100	0	0	0
	.90	.90	1900	1800	1300	1200	1200	1200	1100	900	800	600	500
	.50	.50	1200	1100	1100	1100	1100	1000	1000	700	500	400	300
	.10	.10	800	800	800	800	800	700	700	500	200	100	0
1500	.90	.90	800	800	700	600	500	500	500	400	300	300	200
	.50	.50	700	700	600	500	400	400	400	300	200	200	100
	.10	.10	500	500	400	300	100	100	100	0	0	0	0
	.90	.90	900	900	900	900	800	800	700	500	400	300	300
	.50	.50	800	800	800	700	700	700	600	400	300	200	200
	.10	.10	600	600	600	500	400	400	400	100	0	0	0
	.90	.90	1900	1800	1300	1200	1200	1200	1200	1000	800	700	500
	.50	.50	1200	1100	1100	1100	1100	1100	1100	800	700	500	400
	.10	.10	800	800	800	900	800	800	800	500	300	100	0
1600	.90	.90	900	900	900	800	800	700	600	500	400	300	300
	.50	.50	800	800	800	700	700	600	500	400	300	200	200
	.10	.10	600	600	600	500	400	400	300	100	0	0	0
	.90	.90	900	900	900	900	800	800	800	500	400	300	300
	.50	.50	800	800	800	800	700	700	700	400	300	200	200
	.10	.10	600	600	600	500	400	400	400	100	0	0	0
	.90	.90	1900	1800	1400	1300	1300	1300	1200	1100	900	800	700
	.50	.50	1300	1300	1300	1200	1200	1100	1100	1000	700	600	500
	.10	.10	1000	1000	1000	900	900	800	800	700	400	300	100
	.90	.90	900	900	900	900	800	800	800	500	400	300	300
	.50	.50	800	800	800	800	700	700	700	400	300	200	200
	.10	.10	600	600	600	500	400	400	400	100	0	0	0
1700	.90	.90	1900	1800	1400	1300	1300	1300	1200	1100	900	800	700
	.50	.50	1300	1300	1300	1200	1200	1100	1100	1000	700	600	500
	.10	.10	1000	1000	1000	900	900	800	800	700	400	300	100
	.90	.90	900	900	900	900	800	800	800	500	400	300	300
	.50	.50	800	800	800	800	700	700	700	400	300	200	200
	.10	.10	600	600	600	500	400	400	400	100	0	0	0
	.90	.90	1900	1800	1600	1400	1400	1300	1300	1200	1000	900	800
	.50	.50	1300	1300	1300	1300	1200	1200	1200	1100	800	700	600
	.10	.10	1000	1000	1000	1000	900	900	900	800	500	400	300
	.90	.90	900	900	900	900	800	800	800	500	400	300	200
	.50	.50	800	800	800	800	700	700	700	400	300	200	200
	.10	.10	600	600	600	500	500	500	500	200	100	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - APRIL

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
1800	.90	900	900	900	900	900	800	800	800	500	400	300	300	
	.50	800	800	800	700	700	700	700	700	400	300	200	200	
	.10	600	600	600	500	500	500	400	400	100	0	0	0	
	.90	1100	1100	1100	1000	900	900	900	900	700	500	400	300	
	.50	1000	1000	1000	900	800	800	800	800	600	400	300	200	
	.10	700	700	700	700	600	600	500	500	300	100	0	0	
	.90	2800	1900	1800	1600	1400	1400	1400	1300	1200	1200	1100	900	800
	.50	2100	1500	1300	1300	1300	1300	1300	1200	1100	1100	800	700	700
	.10	1200	1200	1000	1000	1000	900	900	900	800	800	500	400	300
	.90	1000	1000	1000	1000	900	900	900	800	800	600	500	400	300
1900	.50	900	900	900	900	800	800	800	700	500	400	300	200	
	.10	700	700	700	700	600	500	500	500	300	100	0	0	
	.90	1200	1200	1200	1100	1100	1100	1000	900	800	500	400	400	
	.50	1100	1100	1100	1000	1000	900	900	800	700	400	300	300	
	.10	800	800	800	800	700	700	700	600	400	100	0	0	
	.90	2800	2800	1900	1800	1600	1400	1400	1400	1400	1200	1100	900	900
	.50	2100	2100	1500	1500	1300	1300	1300	1300	1100	1100	900	800	700
	.10	1200	1200	1200	1100	1000	1000	1000	900	900	800	600	400	300
	.90	1100	1100	1100	1100	1000	900	900	900	800	500	400	300	300
	.50	1000	1000	1000	1000	900	800	800	800	700	400	300	200	200
2000	.10	800	800	800	800	700	600	600	500	400	100	0	0	
	.90	1200	1200	1200	1200	1200	1200	1100	1100	900	700	500	400	
	.50	1100	1100	1100	1100	1000	1000	1000	900	800	500	400	300	
	.10	800	800	800	800	700	700	600	500	400	100	0	0	
	.90	1200	1200	1200	1200	1200	1200	1100	1100	900	700	500	400	
	.50	1100	1100	1100	1100	1000	1000	1000	900	800	500	400	300	
	.10	900	900	900	800	800	800	800	700	700	500	200	100	
	.90	2900	2800	2000	1900	1600	1500	1400	1400	1400	1300	1100	1000	900
	.50	2200	2100	1500	1500	1400	1300	1300	1300	1100	1100	800	800	700
	.10	1200	1200	1200	1200	1000	1000	1000	1000	800	700	500	400	400
2100	.90	1200	1200	1200	1200	1100	1100	1000	900	800	500	400	400	
	.50	1100	1100	1100	1100	1000	1000	900	800	700	400	300	300	
	.10	900	900	900	800	800	800	700	600	400	100	0	0	
	.90	2900	2800	2000	1900	1600	1500	1400	1400	1300	1100	1000	900	
	.50	2200	2100	1500	1500	1400	1300	1300	1300	1100	1000	800	700	
	.10	1200	1200	1200	1200	1000	1000	1000	1000	800	700	500	400	
	.90	1200	1200	1200	1200	1100	1100	1000	900	800	500	400	400	
	.50	1100	1100	1100	1100	1000	1000	900	800	700	400	300	300	
	.10	900	900	900	800	800	700	700	600	400	100	0	0	
	.90	1200	1200	1200	1200	1200	1200	1200	1200	900	800	500	500	
2200	.50	1100	1100	1100	1100	1100	1100	1100	1100	800	700	400	300	
	.10	900	900	900	900	800	800	800	800	600	400	100	0	
	.90	1200	1200	1200	1200	1200	1200	1200	1200	900	800	500	500	
	.50	1100	1100	1100	1100	1100	1100	1100	1100	800	700	400	300	
	.10	900	900	900	900	800	800	800	800	600	400	100	0	
	.90	2900	2800	2100	2000	1500	1500	1500	1500	1300	1200	1100	900	
	.50	2200	2100	1500	1500	1400	1300	1300	1300	1100	1100	800	800	
	.10	1200	1200	1200	1200	1000	1000	1000	1000	800	700	500	400	
	.90	1200	1200	1200	1200	1100	1100	1000	900	800	500	400	400	
	.50	1100	1100	1100	1100	1000	1000	900	800	700	400	300	300	
2300	.10	900	900	900	900	800	800	800	800	600	400	100	0	
	.90	1200	1200	1200	1200	1200	1200	1200	1200	900	800	500	500	
	.50	1100	1100	1100	1100	1100	1100	1100	1100	800	700	400	300	
	.10	900	900	900	900	800	800	800	800	600	400	100	0	
	.90	1200	1200	1200	1200	1200	1200	1200	1200	900	800	500	500	
	.50	1100	1100	1100	1100	1100	1100	1100	1100	800	700	400	300	
	.10	900	900	900	900	800	800	800	800	600	400	100	0	
	.90	1200	1200	1200	1200	1200	1200	1200	1200	900	800	500	500	
	.50	1100	1100	1100	1100	1100	1100	1100	1100	800	700	400	300	
	.10	900	900	900	900	800	800	800	800	600	400	100	0	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1200	1200	1200	1200	1200	1200	1100	1100	900	600	500	400
	.50	1100	1100	1100	1100	1100	1100	1000	1000	800	500	400	300
	.10	900	900	900	900	800	800	800	700	500	200	100	0
	.90	1400	1400	1400	1400	1300	1300	1200	1200	1100	800	700	600
	.50	1300	1300	1300	1300	1200	1200	1100	1100	1000	700	600	400
	.10	1000	1000	1000	1000	900	900	900	800	700	500	300	100
	.90	2900	2800	2100	2000	1700	1600	1600	1500	1400	1200	1100	1000
	.50	2200	2100	1600	1500	1500	1400	1300	1300	1200	1100	900	800
	.10	1300	1300	1300	1200	1200	1100	1000	1000	900	700	500	400
2300	.90	1200	1200	1200	1200	1200	1200	1200	1200	900	800	500	400
	.50	1100	1100	1100	1100	1100	1100	1100	1100	800	700	400	300
	.10	900	900	900	900	800	800	800	800	600	400	100	0
	.90	1400	1400	1400	1400	1400	1400	1300	1300	1200	900	800	700
	.50	1300	1300	1300	1300	1300	1300	1200	1200	1100	800	700	500
	.10	1100	1000	1000	1000	1000	1000	900	900	800	500	400	200
	.90	2900	2800	2200	2100	1900	1700	1600	1600	1400	1300	1200	1000
	.50	2200	2100	1600	1600	1500	1500	1400	1400	1300	1100	1000	800
	.10	1300	1300	1300	1300	1200	1200	1000	1000	900	800	700	500
	.90	1400	1400	1400	1400	1300	1300	1200	1200	1100	800	700	500
	.50	1300	1300	1300	1300	1300	1300	1200	1200	1100	800	700	500
	.10	1100	1000	1000	1000	900	900	900	800	700	500	300	100
	.90	1600	1600	1500	1400	1400	1400	1400	1300	1200	900	900	800
	.50	1500	1500	1400	1300	1300	1300	1300	1200	1100	800	700	600
	.10	1200	1200	1200	1000	1000	1000	1000	900	800	600	400	300
	.90	2900	2800	2300	2200	1900	1800	1700	1700	1500	1300	1200	1100
	.50	2200	2100	1700	1600	1600	1500	1500	1500	1300	1200	1100	900
	.10	1400	1400	1300	1300	1300	1200	1200	1000	900	800	700	500
	.90	1500	1500	1400	1400	1400	1400	1300	1300	1200	900	800	600
	.50	1400	1400	1300	1300	1300	1300	1200	1200	1100	800	700	500
	.10	1200	1200	1000	1000	1000	1000	900	900	800	500	400	200
	.90	1200	1200	1000	1000	1000	1000	900	900	800	500	400	200
	.50	1600	1600	1600	1500	1400	1400	1400	1400	1200	1000	900	800
	.10	1500	1500	1500	1400	1300	1300	1300	1300	1100	800	700	500
2500	.90	1200	1200	1200	1200	1200	1200	1200	1200	1100	800	700	500
	.50	1400	1400	1400	1400	1400	1400	1300	1300	1200	900	800	600
	.10	1500	1500	1400	1400	1400	1400	1300	1300	1200	900	800	600
	.90	1400	1400	1300	1300	1300	1300	1200	1200	1100	800	700	500
	.50	1200	1200	1000	1000	1000	1000	900	900	800	500	400	200
	.10	1600	1600	1600	1500	1400	1400	1400	1400	1200	1000	900	800
	.90	1500	1500	1500	1400	1300	1300	1300	1300	1100	800	700	500
	.50	1200	1200	1200	1200	1200	1200	1100	1100	1000	700	600	400
	.10	1400	1400	1400	1300	1300	1300	1200	1200	1100	800	700	500
	.90	1200	1200	1000	1000	1000	1000	900	900	800	500	400	200
	.50	1600	1600	1600	1500	1400	1400	1400	1400	1200	1000	900	800
	.10	1500	1500	1500	1400	1300	1300	1300	1300	1100	800	700	500
	.90	1200	1200	1200	1200	2000	1900	1800	1700	1600	1400	1200	1100
	.50	2200	2100	1700	1600	1600	1600	1500	1500	1300	1200	1100	900
	.10	1400	1400	1400	1400	1400	1400	1300	1300	1200	900	800	600
	.90	1500	1500	1500	1400	1400	1400	1300	1300	1200	900	800	600
	.50	1400	1400	1300	1300	1300	1300	1200	1200	1100	800	700	500
	.10	1200	1200	1200	1200	1000	1000	1000	1000	900	600	500	300
	.90	2900	2800	2300	2200	2000	1900	1800	1700	1600	1400	1200	1100
	.50	2200	2100	1700	1600	1600	1600	1500	1500	1300	1200	1100	900
	.10	1400	1400	1300	1300	1300	1300	1200	1200	1100	800	700	500
	.90	1500	1500	1500	1400	1400	1400	1300	1300	1200	900	800	600
	.50	1200	1200	1200	1200	1200	1200	1100	1100	1000	700	600	400
	.10	1400	1400	1400	1300	1300	1300	1200	1200	1100	800	700	500
	.90	1200	1200	1200	1200	2000	1900	1800	1700	1600	1400	1200	1100
	.50	2200	2100	1700	1600	1600	1600	1500	1500	1300	1200	1100	900
	.10	1400	1400	1400	1300	1300	1300	1200	1200	1100	800	700	500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
SPANNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1600	1500	1400	1300	1200	1100	1000	900	800	700	600	700
	.50	1500	1400	1300	1200	1100	1000	900	800	700	600	300	800
	.10	1200	1200	1000	1000	800	600	400	300	400	300	800	700
	.90	1600	1600	1500	1400	1300	1100	900	800	700	400	800	700
	.50	1500	1500	1400	1300	1300	1100	1000	900	800	500	400	1200
	.10	1300	1200	1200	1000	800	700	700	1400	1300	1200	1100	1100
	.90	2900	2300	2200	1900	1600	1400	1300	1300	1200	800	700	800
	.50	2200	2100	2100	1600	1300	1100	1000	1000	1000	800	700	800
	.10	1900	1800	1800	1400	1200	1100	1000	900	900	700	600	800
2700	.90	1600	1600	1400	1300	1300	1100	1000	900	800	700	600	800
	.50	1500	1500	1300	1200	1100	1000	1000	1000	800	600	500	300
	.10	1300	1200	1100	1000	800	800	1300	1100	900	800	800	800
	.90	1600	1600	1600	1400	1300	1100	1000	1000	1000	800	700	700
	.50	1500	1500	1400	1300	1300	1100	1000	900	900	700	500	400
	.10	1300	1200	1200	1000	800	800	1700	1500	1400	1200	1100	1100
	.90	2900	2300	2300	2100	1700	1500	1300	1300	1200	800	800	800
	.50	2200	2200	2200	2100	1700	1500	1400	1400	1200	900	800	700
	.10	1900	1900	1900	1800	1800	1400	1300	1300	1100	900	800	800
2800	.90	1600	1600	1500	1400	1400	1200	1000	1000	900	700	500	400
	.50	1500	1500	1400	1300	1300	1100	1000	1000	800	700	500	400
	.10	1300	1300	1200	1000	900	800	1000	1400	1300	1200	1000	900
	.90	2900	2800	2800	2300	2300	2100	2100	2100	1700	1500	1400	1300
	.50	2200	2200	2200	2100	2100	2100	2100	2100	1700	1500	1300	1200
	.10	1900	1900	1900	1900	1900	1800	1800	1800	1300	1100	900	800
	.90	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.50	1500	1500	1500	1500	1400	1300	1300	1300	1100	900	800	700
	.10	1400	1400	1400	1400	1400	1200	1000	1000	800	700	500	400
	.90	3100	2900	2700	2400	2300	2300	2300	2200	1800	1600	1400	1300
	.50	2400	2300	2300	2300	2200	2200	2200	2100	1600	1400	1300	1200
	.10	2000	2000	2000	2000	1900	1900	1800	1800	1200	1000	900	800
2900	.90	1700	1700	1600	1600	1600	1400	1400	1400	1200	1000	900	800
	.50	1600	1600	1500	1500	1500	1300	1300	1300	1100	900	800	700
	.10	1400	1400	1300	1200	1200	1000	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400
	.90	1700	1700	1700	1700	1600	1600	1500	1500	1200	1000	900	900
	.50	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.10	1400	1400	1400	1400	1400	1200	1000	1000	700	500	400	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1700	1700	1600	1600	1500	1400	1400	1300	1100	900	900
	.50	1600	1600	1600	1500	1500	1400	1300	1300	1200	1000	800	700
	.10	1400	1400	1300	1300	1200	1200	1000	1000	900	700	500	400
	.90	1800	1800	1700	1700	1700	1600	1600	1500	1400	1200	1100	1000
	.50	1700	1700	1600	1600	1600	1500	1400	1300	1300	1100	900	800
	.10	1500	1500	1400	1300	1300	1200	1200	1100	1000	800	700	500
	.90	3300	3100	2900	2900	2400	2300	2300	2300	1900	1700	1600	1400
	.50	2600	2400	2300	2300	2200	2200	2200	2100	1700	1500	1400	1300
	.10	2000	2000	2000	2000	1900	1900	1900	1800	1300	1100	1000	900
3100	.90	1800	1800	1700	1700	1600	1600	1500	1400	1300	1200	1100	900
	.50	1700	1700	1600	1600	1500	1500	1400	1300	1200	1100	800	700
	.10	1500	1500	1400	1300	1200	1200	1200	1000	900	800	500	400
	.90	2300	2300	2200	2200	2200	1700	1700	1600	1400	1300	1200	1100
	.50	2200	2200	2100	2100	2100	1600	1600	1500	1300	1100	1000	800
	.10	1900	1900	1800	1800	1800	1300	1300	1200	1000	800	700	500
	.90	3400	3200	3000	2900	2700	2300	2300	2300	2000	1900	1700	1600
	.50	2700	2600	2500	2300	2300	2200	2200	2200	1900	1700	1500	1400
	.10	2300	2300	2000	2000	1900	1900	1900	1800	1600	1200	1100	1000
3200	.90	2000	1900	1900	1800	1700	1600	1600	1500	1400	1200	1100	900
	.50	1900	1800	1800	1700	1600	1500	1500	1400	1300	1100	900	800
	.10	1700	1600	1600	1500	1300	1200	1200	1200	1000	800	600	500
	.90	2300	2300	2300	2300	2300	2200	2200	1800	1500	1400	1200	1100
	.50	2200	2200	2200	2200	2200	2100	2100	1700	1300	1200	1100	1000
	.10	1900	1900	1900	1900	1900	1800	1800	1400	1000	900	800	700
	.90	3600	3300	3200	2900	2800	2800	2400	2300	2100	2000	1900	1700
	.50	2900	2800	2700	2700	2700	2300	2200	2200	2000	1800	1600	1500
	.10	2500	2400	2400	2400	2400	1900	1900	1900	1700	1400	1200	1100
3300	.90	2300	2300	2200	2200	2200	1800	1700	1600	1400	1200	1100	1000
	.50	2200	2200	2100	2100	2100	1700	1600	1500	1300	1100	1000	800
	.10	1900	1900	1800	1800	1800	1500	1300	1200	1000	800	700	500
	.90	2400	2400	2400	2400	2300	2300	2200	2200	1600	1400	1300	1200
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1400	1300	1100	1000
	.10	2000	2000	2000	2000	1900	1900	1800	1800	1200	900	800	700
	.90	3700	3400	3200	3000	2900	2800	2800	2400	2200	2100	2000	1900
	.50	3000	2800	2800	2800	2700	2600	2300	2200	2100	1900	1700	1600
	.10	2500	2500	2500	2500	2400	2300	1900	1900	1700	1600	1300	1200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
3400	.90	2300	2300	2300	2300	2300	2200	2200	1900	1500	1300	1200	1100
	.50	2200	2200	2200	2200	2200	2100	2100	1800	1300	1200	1100	900
	.10	1900	1900	1900	1900	1900	1800	1800	1600	1000	900	800	600
	.90	2400	2400	2400	2400	2300	2300	2200	2200	1600	1400	1300	1200
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1500	1300	1200	1100
	.10	2000	2000	2000	2000	1900	1900	1800	1800	1200	1000	800	700
	.90	3700	3400	3300	3100	2900	2900	2800	2400	2300	2100	2000	1900
	.50	3000	2800	2800	2800	2700	2700	2300	2200	2100	2000	1800	1600
	.10	2500	2500	2500	2500	2400	2400	1900	1900	1800	1600	1400	1200
3500	.90	2400	2400	2400	2400	2300	2300	2200	2200	1600	1400	1200	1100
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1400	1200	1100	1000
	.10	2000	2000	2000	2000	1900	1900	1800	1800	1200	900	800	700
	.90	2400	2400	2400	2400	2300	2300	2200	2200	1700	1500	1400	1200
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1500	1300	1200	1100
	.10	2000	2000	2000	2000	1900	1900	1900	1800	1200	1000	900	800
	.90	3800	3500	3300	3100	2900	2900	2800	2700	2300	2100	2000	1900
	.50	3100	2800	2800	2800	2700	2700	2400	2400	2100	2000	1800	1700
	.10	2500	2500	2500	2500	2400	2400	1900	1900	1700	1600	1400	1200
3600	.90	2400	2400	2400	2400	2300	2300	2200	2200	1600	1400	1300	1200
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1500	1300	1100	1000
	.10	2000	2000	2000	2000	1900	1900	1800	1800	1200	1000	800	700
	.90	2800	2700	2400	2400	2300	2300	2300	2200	1800	1600	1400	1300
	.50	2600	2600	2300	2300	2200	2200	2200	2100	1600	1400	1300	1200
	.10	2300	2300	2000	2000	1900	1900	1900	1800	1300	1000	900	800
	.90	3800	3600	3300	3100	2900	2900	2800	2800	2300	2100	2000	1900
	.50	3100	2900	2800	2800	2700	2700	2500	2400	2100	2000	1800	1700
	.10	2500	2500	2500	2500	2400	2400	2000	1900	1700	1600	1500	1300
3700	.90	2400	2400	2400	2400	2300	2300	2200	2200	1600	1400	1300	1200
	.50	2300	2300	2300	2300	2200	2200	2100	2100	1500	1300	1200	1100
	.10	2000	2000	2000	2000	1900	1900	1900	1800	1200	1000	800	800
	.90	2300	2300	2300	2300	2200	2200	2100	2100	1500	1300	1200	1100
	.50	2000	2000	2000	2000	1900	1900	1900	1800	1200	1000	800	800
	.10	2000	2000	2000	2000	1900	1900	1900	1800	1200	1000	800	800
	.90	2900	2800	2800	2800	2800	2300	2300	2300	2000	1800	1600	1400
	.50	2800	2700	2700	2700	2700	2200	2200	2200	1900	1600	1400	1300
	.10	2500	2400	2400	2400	2400	1900	1900	1900	1600	1200	1000	900
	.90	2300	2300	2300	2300	2200	2200	2100	2100	1500	1300	1200	1100
	.50	2000	2000	2000	2000	1900	1900	1900	1800	1200	1000	800	800
	.10	2000	2000	2000	2000	1900	1900	1900	1800	1200	1000	800	800
	.90	2900	2800	2800	2800	2800	2300	2300	2300	2000	1800	1600	1400
	.50	2800	2700	2700	2700	2700	2200	2200	2200	1900	1600	1400	1300
	.10	2500	2400	2400	2400	2400	1900	1900	1900	1600	1200	1000	900
	.90	3900	3600	3300	3200	3000	2900	2900	2800	2400	2200	2000	1900
	.50	3200	3000	2800	2800	2800	2700	2600	2500	2200	2000	1900	1700
	.10	2700	2700	2500	2500	2500	2400	2400	2400	1800	1600	1500	1300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3900	.90	2700	2700	2400	2400	2300	2300	2300	2200	1700	1500	1400	1200
		2600	2600	2300	2300	2200	2200	2200	2100	1600	1300	1200	1100
		2300	2300	2000	2000	1900	1700	1900	1800	1300	1000	900	800
		2900	2900	2900	2900	2800	2700	2300	2300	2100	1900	1700	1600
.50	.50	2800	2800	2800	2800	2700	2600	2200	2200	2000	1700	1500	1300
		2500	2500	2500	2400	2400	2300	1900	1900	1700	1500	1100	1000
		3900	3700	3300	3200	3100	2900	2900	2900	2500	2200	2100	2000
		3200	3100	3100	3000	2900	2700	2700	2600	2300	2000	1900	1800
3900	.90	2800	2800	2800	2700	2500	2400	2300	2200	1900	1600	1500	1300
		2900	2800	2800	2800	2800	2300	2300	2300	2000	1700	1500	1400
		2800	2700	2700	2700	2700	2200	2200	2200	1900	1600	1300	1300
		2500	2400	2400	2400	2400	1900	1900	1900	1600	1200	1000	900
.50	.50	2900	2900	2900	2900	2800	2800	2300	2300	2100	2000	1900	1700
		2800	2800	2800	2800	2700	2700	2200	2200	2000	1800	1600	1500
		2500	2500	2500	2500	2400	2400	1900	1900	1700	1600	1200	1000
		4200	4100	3700	3300	3200	3000	2900	2900	2500	2300	2100	2000
4000	.90	3500	3400	3100	3100	2800	2800	2700	2700	2400	2000	1900	1800
		2800	2800	2800	2800	2500	2400	2400	2200	1900	1700	1500	1400
		2900	2900	2900	2900	2800	2700	2300	2300	2100	1900	1600	1500
		2800	2800	2800	2800	2700	2600	2200	2200	2000	1700	1500	1300
.50	.50	2500	2500	2500	2500	2400	2300	1900	1900	1700	1600	1100	1000
		2900	2900	2900	2900	2800	2800	2400	2400	2200	2000	1900	1700
		2800	2800	2800	2800	2700	2700	2300	2300	2100	1900	1700	1600
		2500	2500	2500	2500	2400	2400	2000	2000	1800	1600	1300	1100
4100	.90	4300	4300	4200	3700	3200	3000	2900	2900	2700	2300	2100	2000
		3600	3600	3500	3100	3000	2800	2800	2700	2400	2100	1900	1800
		2800	2800	2800	2800	2500	2500	2400	2400	2300	2000	1700	1400
		2900	2900	2900	2900	2800	2800	2400	2400	2300	2100	1700	1600
.50	.50	2800	2800	2800	2800	2700	2700	2300	2200	2000	1800	1600	1400
		2500	2500	2500	2500	2400	2400	2000	1900	1700	1600	1200	1000
		2900	2900	2900	2900	2800	2800	2500	2400	2300	2100	1900	1800
		2800	2800	2800	2800	2700	2700	2300	2300	2200	2000	1800	1600
.50	.50	2900	2900	2900	2900	2800	2800	2500	2400	2200	2100	2100	2000
		2800	2800	2800	2800	2700	2700	2300	2300	2100	1900	1700	1600
		2500	2500	2500	2500	2400	2400	2000	2000	1700	1600	1200	1000
		2900	2900	2900	2900	2800	2800	2500	2400	2300	2100	1900	1800
.50	.50	2800	2800	2800	2800	2700	2700	2300	2300	2100	2100	2100	2000
		2500	2500	2500	2500	2400	2400	2000	2000	1800	1600	1400	1200
		2900	2900	2900	2900	2800	2800	2500	2400	2300	2100	1900	1800
		2800	2800	2800	2800	2700	2700	2300	2300	2200	2000	1800	1600
.10	.10	4300	4300	4200	4100	3200	3100	3000	2900	2800	2400	2100	2000
		3600	3600	3500	3400	3100	2800	2800	2700	2400	2100	1900	1800
		2800	2800	2800	2800	2700	2700	2300	2300	2200	2000	1800	1600
		2500	2500	2500	2500	2400	2400	2000	2000	1900	1700	1600	1500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2900	2900	2900	2900	2300	2800	2500	2400	2200	2000	1900	1700
	.50	2800	2800	2800	2800	2700	2700	2400	2300	2100	1900	1600	1500
	.10	2500	2500	2500	2500	2400	2400	2200	2000	1800	1600	1300	1100
	.90	3100	3100	2900	2900	2700	2800	2500	2400	2200	2100	2000	1900
	.50	3000	3000	2800	2800	2800	2700	2400	2300	2000	1900	1800	1600
	.10	2700	2700	2500	2500	2500	2400	2200	2100	1700	1600	1400	1200
	.90	4300	4300	4200	3300	3100	3200	3000	3000	2800	2400	2200	2000
	.50	3600	3600	3500	3100	2800	2800	2800	2700	2400	2200	2000	1900
	.10	2800	2800	2800	2500	2500	2500	2400	2400	2000	1700	1600	1500
4300	.90	2900	2900	2900	2900	2300	2800	2500	2400	2200	2000	1900	1700
	.50	2800	2800	2800	2700	2700	2700	2400	2300	2100	1900	1700	1500
	.10	2500	2500	2500	2400	2400	2400	2200	2100	1800	1600	1300	1100
	.90	3200	3200	3100	2900	2900	2800	2700	2500	2300	2100	2000	1900
	.50	3100	3100	3100	2800	2800	2700	2600	2400	2100	1900	1800	1600
	.10	2800	2800	2800	2500	2500	2400	2300	2200	1800	1600	1400	1200
4400	.90	4400	4400	4300	4200	3300	3200	3000	3000	2800	2200	2000	1900
	.50	3700	3700	3600	3500	3100	2900	2800	2700	2500	1800	1600	1500
	.10	2800	2800	2800	2800	2600	2500	2500	2400	2000	2000	1900	1800
	.90	3100	3100	2900	2900	2900	2800	2500	2500	2200	2000	1900	1800
	.50	3000	3000	2800	2800	2800	2700	2400	2400	2000	1900	1700	1600
	.10	2700	2700	2500	2500	2500	2400	2200	2200	1700	1600	1400	1200
	.90	3200	3200	3200	3200	2900	2800	2800	2500	2300	2100	2000	1900
	.50	3100	3100	3100	3100	2800	2700	2700	2400	2100	1900	1800	1700
	.10	2800	2800	2800	2800	2500	2400	2400	2200	1800	1600	1500	1300
	.90	4400	4400	4300	4200	3300	3200	3000	3000	2800	2400	2300	2100
	.50	3700	3700	3600	3500	3100	2900	2800	2700	2500	2200	2000	1900
	.10	2800	2800	2800	2800	2600	2500	2500	2400	2000	2000	1900	1800
4500	.90	3700	3700	3600	3500	3100	2900	2800	2700	2500	2200	2000	1900
	.50	2800	2800	2800	2800	2600	2500	2500	2400	2000	1800	1600	1500
	.10	2800	2800	2800	2800	2600	2500	2500	2400	2000	1800	1600	1500
	.90	3200	3200	3200	3100	2900	2800	2700	2500	2200	2000	1900	1800
	.50	3100	3100	3100	3000	2800	2700	2600	2400	2100	1900	1800	1600
	.10	2800	2800	2800	2700	2500	2400	2300	2200	1800	1600	1400	1200
	.90	3200	3200	3200	3200	2900	2900	2800	2700	2300	2100	2000	1900
	.50	3100	3100	3100	3100	2800	2800	2700	2400	2200	2000	1800	1700
	.10	2800	2800	2800	2700	2500	2400	2300	2200	1900	1600	1500	1300
	.90	3200	3200	3200	3200	2900	2900	2800	2700	2300	2100	2000	1900
	.50	3100	3100	3100	3100	2800	2800	2700	2400	2200	2000	1800	1700
	.10	2800	2800	2800	2800	2500	2500	2400	2200	1900	1600	1500	1300
	.90	4400	4400	4300	4200	3400	3200	3000	3000	2800	2400	2300	2100
	.50	3700	3700	3600	3500	3100	2900	2800	2800	2500	2200	2100	1900
	.10	2800	2800	2800	2800	2600	2500	2500	2400	2000	1800	1600	1500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION % EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4600 .90	3200	3200	3200	3200	2900	2800	2800	2500	2300	2100	2000	1900
	3100	3100	3100	3100	2800	2700	2700	2400	2200	1900	1800	1600
	2800	2800	2800	2800	2500	2400	2400	2200	1900	1600	1400	1200
.50	3200	3200	3200	3200	2900	2900	2800	2800	2400	2200	2000	1900
	3100	3100	3100	3100	2800	2800	2700	2500	2200	2000	1900	1700
	2800	2800	2800	2800	2500	2500	2400	2200	1900	1600	1500	1300
.10	4400	4400	4300	4200	3400	3200	3200	3000	2900	2400	2300	2200
	3700	3700	3600	3500	3300	3100	2800	2800	2600	2300	2100	1900
	3100	3100	3100	3100	2800	2500	2500	2500	2100	1900	1600	1500
.90	3200	3200	3200	3200	2900	2900	2800	2500	2300	2100	2000	1900
.50	3100	3100	3100	3100	2800	2800	2700	2400	2200	1900	1800	1700
.10	2800	2800	2800	2800	2500	2500	2400	2200	1900	1600	1500	1300
.90	3200	3200	3200	3200	3000	2900	2900	2800	2400	2200	2100	2000
.50	3100	3100	3100	3100	2900	2800	2700	2700	2300	2000	1900	1800
.10	2800	2800	2800	2800	2600	2500	2400	2400	1900	1700	1500	1400
.90	4800	4800	4500	4300	3700	3400	3200	3200	2900	2500	2300	2200
.50	4100	4100	3800	3600	3300	3300	3000	2900	2700	2300	2100	2000
.10	3100	3100	3100	3100	3100	2800	2500	2500	2200	1900	1700	1600
.90	3200	3200	3200	3200	2900	2900	2800	2700	2300	2100	2000	1900
.50	3100	3100	3100	3100	2800	2800	2700	2600	2200	2000	1800	1700
.10	2800	2800	2800	2800	2500	2500	2400	2300	1900	1600	1500	1300
.90	3300	3200	3200	3200	3100	2900	2900	2900	2500	2300	2100	2000
.50	3100	3100	3100	3100	2900	2800	2700	2700	2300	2000	1900	1800
.10	2800	2800	2800	2800	2600	2500	2400	2400	1900	1700	1600	1400
.90	4900	4900	4800	4400	4200	3400	3400	3200	3100	2900	2700	2400
.50	4200	4200	4100	3700	3500	3300	3100	3100	3000	2700	2400	2200
.10	3100	3100	3100	3100	3100	2800	2800	2800	2700	2300	2000	1800
.90	3200	3200	3200	3200	3000	2900	2800	2800	2300	2200	2000	1900
.50	3100	3100	3100	3100	2900	2800	2700	2700	2200	2000	1900	1700
.10	2800	2800	2800	2800	2600	2500	2400	2400	1900	1600	1500	1300
.90	3400	3200	3200	3200	3100	2900	2900	2900	2500	2300	2100	2000
.50	3100	3100	3100	3100	2900	2800	2800	2700	2400	2100	1900	1800
.10	2800	2800	2800	2800	2600	2500	2400	2400	2000	1700	1600	1500
.90	4900	4900	4800	4700	4300	3400	3400	3400	3200	3100	2900	2700
.50	4200	4200	4100	4000	3600	3300	3300	3300	3100	3000	2700	2400
.10	3100	3100	3100	3100	3100	2800	2800	2800	2800	2600	2300	2000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3200	3200	3200	3200	3000	2900	2800	2800	2400	2200	2000	2000
	.50	3100	3100	3100	3100	2900	2800	2700	2700	2200	2000	1900	1800
	.10	2800	2800	2800	2800	2600	2500	2400	2400	1900	1600	1500	1400
	.90	3600	3400	3400	3400	3200	3000	2900	2900	2700	2300	2200	2000
	.50	3300	3300	3300	3300	3100	2800	2800	2700	2400	2100	1900	1900
	.10	3100	3100	3100	3100	2800	2500	2500	2400	2000	1700	1600	1500
	.90	5000	5000	4900	4800	4500	4000	3500	3500	3400	3200	3000	2900
	.50	4300	4300	4200	4100	3800	3400	3400	3400	3300	3100	2900	2700
	.10	3300	3300	3100	3100	3100	3100	3100	3100	2900	2800	2600	2200
5100	.90	3400	3400	3400	3400	3200	2900	2900	2800	2400	2300	2100	2000
	.50	3300	3300	3300	3300	3100	2800	2800	2700	2300	2000	1900	1800
	.10	3100	3100	3100	3100	2800	2500	2500	2400	2000	1700	1600	1400
	.90	3700	3400	3400	3400	3400	3200	3000	2900	2800	2400	2200	2000
	.50	3300	3300	3300	3300	3300	3000	2800	2800	2500	2200	2000	1900
	.10	3100	3100	3100	3100	3100	2700	2500	2500	2100	1800	1600	1500
	.90	5000	5000	4900	4800	4500	4200	3700	3600	3500	3300	3200	3000
	.50	4300	4300	4200	4100	3900	3600	3600	3500	3400	3200	3100	2800
	.10	3300	3300	3300	3300	3300	3200	3200	3200	3100	2900	2700	2500
5200	.90	3400	3400	3400	3400	3400	3100	2900	2900	2500	2300	2100	2000
	.50	3300	3300	3300	3300	3300	3000	2800	2800	2400	2100	1900	1800
	.10	3100	3100	3100	3100	3100	2700	2500	2500	2000	1700	1600	1500
	.90	3700	3400	3400	3400	3400	3200	3100	3000	2800	2400	2300	2100
	.50	3300	3300	3300	3300	3300	3100	2900	2800	2600	2200	2000	1900
	.10	3100	3100	3100	3100	3100	2800	2600	2500	2100	1900	1600	1500
	.90	5000	5000	4900	4800	4500	4100	3800	3800	3600	3400	3200	3100
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3400	3400	3400	3400	3400	3400	3300	3300	3100	3000	2800	2600
5300	.90	3400	3400	3400	3400	3400	3200	3000	2900	2700	2300	2200	2000
	.50	3300	3300	3300	3300	3300	3100	2800	2800	2400	2100	1900	1800
	.10	3100	3100	3100	3100	3100	2800	2500	2500	2100	1800	1600	1500
	.90	3800	3500	3400	3400	3400	3400	3200	3000	2900	2400	2300	2100
	.50	3300	3300	3300	3300	3300	3300	3000	2800	2600	2300	2100	1900
	.10	3100	3100	3100	3100	3100	2800	2500	2500	2100	1800	1600	1500
	.90	5000	5000	4900	4800	4500	4100	3800	3800	3600	3400	3200	3100
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3400	3400	3400	3400	3400	3400	3300	3300	3100	3000	2800	2600
	.90	5000	5000	4900	4800	4500	4100	3800	3800	3600	3400	3200	3100
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3400	3400	3400	3400	3400	3400	3300	3300	3100	3000	2800	2600
	.90	5000	5000	4900	4800	4500	4100	3800	3800	3600	3400	3200	3100
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3400	3400	3400	3400	3400	3400	3300	3300	3100	3000	2800	2600
	.90	5000	5000	4900	4800	4500	4100	3800	3800	3600	3400	3200	3100
	.50	4300	4300	4200	4100	3800	3700	3700	3600	3500	3300	3100	3000
	.10	3400	3400	3400	3400	3400	3400	3300	3300	3100	3000	2800	2600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH -- OCTOBER INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3400	3400	3400	3400	3400	3400	3100	3000	2800	2400	2200	2000
	.50	3300	3300	3300	3300	3300	3300	3000	2800	2500	2200	2000	1900
	.10	3100	3100	3100	3100	3100	3100	2700	2500	2200	1900	1600	1500
	.90	3800	3600	3400	3400	3400	3400	3200	3200	3100	2900	2500	2300
	.50	3500	3500	3300	3300	3300	3300	3100	3100	3000	2700	2300	2100
	.10	3300	3300	3100	3100	3100	3100	2800	2800	2700	2400	2000	1700
	.90	5000	5000	4900	4800	4500	4000	3800	3800	3700	3400	3300	3200
	.50	4300	4300	4200	4100	3800	3700	3700	3700	3500	3300	3100	3000
	.10	3600	3500	3500	3400	3400	3400	3400	3300	3200	3000	2800	2700
5500	.90	3600	3600	3400	3400	3400	3400	3200	3100	2900	2400	2300	2100
	.50	3500	3500	3300	3300	3300	3300	3100	3000	2700	2300	2100	1900
	.10	3300	3300	3100	3100	3100	3100	2800	2700	2200	1900	1600	1500
	.90	3900	3600	3400	3400	3400	3400	3400	3300	3200	3100	2900	2500
	.50	3500	3500	3300	3300	3300	3300	3300	3200	3100	3000	2700	2300
	.10	3300	3300	3100	3100	3100	3100	3000	2900	2800	2700	2300	2000
	.90	5000	5000	4900	4900	4400	4000	3800	3800	3700	3400	3300	3200
	.50	4300	4300	4200	4200	3900	3700	3700	3700	3500	3300	3200	3100
	.10	3600	3600	3600	3500	3400	3400	3400	3400	3200	3000	2900	2700
5500	.90	3600	3600	3400	3400	3400	3400	3200	3200	3100	2900	2500	2300
	.50	3500	3500	3300	3300	3300	3300	3100	3100	3000	2700	2300	2100
	.10	3300	3300	3100	3100	3100	3100	2900	2800	2700	2400	2000	1700
	.90	3900	3700	3600	3500	3500	3500	3400	3400	3300	3200	3000	2900
	.50	3500	3500	3400	3400	3400	3400	3300	3300	3200	3100	2900	2600
	.10	3300	3300	3100	3100	3100	3100	3100	3100	2900	2800	2600	2200
	.90	5100	5000	5000	4900	4300	4000	3800	3800	3700	3400	3300	3200
	.50	4400	4300	4300	4200	3900	3700	3700	3700	3600	3300	3200	3100
	.10	3900	3700	3600	3600	3400	3400	3400	3400	3200	3100	2900	2800
5700	.90	3600	3600	3400	3400	3400	3400	3400	3300	3200	3100	2900	2500
	.50	3500	3500	3300	3300	3300	3300	3300	3200	3100	3000	2700	2300
	.10	3300	3300	3100	3100	3100	3100	3000	2900	2800	2700	2400	2000
	.90	4200	4100	3700	3700	3700	3600	3600	3600	3400	3300	3100	3000
	.50	3600	3600	3600	3600	3600	3500	3500	3500	3300	3200	3000	2800
	.10	3300	3300	3300	3300	3300	3200	3200	3200	3100	2900	2700	2500
	.90	5100	5000	5000	4900	4300	4100	3900	3800	3700	3500	3300	3200
	.50	4400	4300	4300	4200	4000	3800	3700	3700	3600	3300	3200	3100
	.10	3900	3900	3700	3700	3700	3600	3600	3600	3400	3300	3100	2800
5700	.90	3600	3600	3400	3400	3400	3400	3400	3300	3200	3100	2900	2500
	.50	3500	3500	3300	3300	3300	3300	3300	3200	3100	2900	2700	2300
	.10	3300	3300	3100	3100	3100	3100	2900	2800	2700	2400	2000	1700
	.90	4200	4100	3700	3700	3700	3600	3600	3600	3400	3300	3100	2800
	.50	3600	3600	3600	3600	3600	3500	3500	3500	3300	3200	3000	2800
	.10	3300	3300	3300	3300	3300	3200	3200	3200	3100	2900	2700	2500
	.90	5100	5000	5000	4900	4300	4100	3900	3800	3700	3500	3300	3200
	.50	4400	4300	4300	4200	4000	3800	3700	3700	3600	3300	3200	3100
	.10	3900	3900	3700	3700	3700	3600	3600	3600	3400	3300	3100	2800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	.90	3600	3500	3500	3500	3500	3400	3400	3300	3200	3000	2800
	.50	.50	3500	3400	3400	3400	3400	3300	3300	3200	3100	2900	2600
	.10	.10	3300	3100	3100	3100	3100	3100	3100	2900	2800	2600	2200
	.90	.90	4300	4200	3800	3800	3800	3800	3700	3600	3400	3200	3100
	.50	.50	3700	3700	3700	3700	3600	3600	3600	3500	3300	3100	2900
	.10	.10	3400	3400	3400	3400	3400	3300	3300	3200	2900	2800	2600
	.90	.90	5500	5500	5100	4800	4200	4000	3800	3700	3500	3300	3200
	.50	.50	4800	4800	4400	4200	3900	3700	3700	3600	3400	3200	3100
	.10	.10	4000	3800	3700	3600	3400	3400	3400	3300	3100	2900	2800
5900	.90	.90	3700	3700	3700	3700	3600	3600	3600	3400	3300	3100	3000
	.50	.50	3600	3600	3600	3600	3500	3500	3500	3300	3200	3000	2800
	.10	.10	3300	3300	3300	3300	3200	3200	3200	3100	2900	2700	2500
	.90	.90	4300	4200	4100	3800	3800	3800	3700	3600	3400	3200	3100
	.50	.50	3900	3800	3700	3700	3700	3700	3600	3500	3300	3100	3000
	.10	.10	3600	3500	3400	3400	3400	3400	3300	3200	3000	2800	2700
	.90	.90	5700	5700	5700	5600	4900	4300	4100	3800	3500	3400	3200
	.50	.50	5000	5000	5000	4900	4300	4000	3800	3600	3400	3300	3100
	.10	.10	4000	4000	3900	3900	3700	3500	3400	3300	3100	2900	2800
6000	.90	.90	3800	3800	3800	3800	3800	3700	3700	3600	3400	3200	3100
	.50	.50	3700	3700	3700	3700	3700	3600	3600	3500	3300	3100	2900
	.10	.10	3400	3400	3400	3400	3400	3300	3300	3200	3000	2800	2600
	.90	.90	4300	4300	4200	3900	3800	3800	3800	3600	3400	3200	3100
	.50	.50	3900	3900	3900	3800	3700	3700	3700	3500	3300	3100	3000
	.10	.10	3600	3600	3500	3400	3400	3400	3400	3200	3000	2800	2700
	.90	.90	5800	5800	5800	5700	5500	4800	4300	3800	3600	3400	3300
	.50	.50	5100	5100	5100	5000	4800	4200	4000	3700	3500	3300	3200
	.10	.10	4000	4000	4000	3900	3900	3700	3600	3300	3100	3000	2900
6100	.90	.90	4000	3900	3800	3800	3800	3800	3700	3600	3400	3200	3100
	.50	.50	3900	3800	3700	3700	3700	3700	3600	3500	3300	3100	3000
	.10	.10	3600	3500	3400	3400	3400	3400	3300	3200	3000	2800	2700
	.90	.90	4400	4400	4300	4000	3800	3800	3800	3600	3400	3200	3100
	.50	.50	4200	4000	3900	3700	3700	3700	3700	3500	3300	3100	3000
	.10	.10	3900	3700	3600	3400	3400	3400	3400	3200	3000	2900	2700
	.90	.90	5900	5900	5800	5800	5700	5400	4400	3800	3600	3400	3300
	.50	.50	5200	5200	5200	5100	5000	4700	4200	3700	3500	3300	3200
	.10	.10	4100	4100	4000	4000	3900	3800	3700	3500	3300	3100	2900

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4000	4000	4000	3900	3800	3800	3800	3800	3600	3400	3200	3100
	.50	3900	3900	3900	3800	3700	3700	3700	3700	3500	3300	3100	3000
	.10	3600	3600	3600	3500	3400	3400	3400	3400	3200	3000	2900	2700
	.90	4400	4400	4300	4300	4100	3800	3800	3800	3600	3400	3300	3200
	.50	4200	4200	4000	3900	3800	3700	3700	3700	3500	3300	3200	3100
	.10	3900	3900	3700	3600	3400	3400	3400	3400	3200	3000	2900	2800
	.90	5900	5900	5900	5900	5900	5700	5600	4800	3800	3600	3400	3300
	.50	5200	5200	5200	5200	5100	5000	4900	4300	3700	3500	3300	3200
	.10	4200	4200	4100	4100	4100	4000	3900	3800	3400	3200	3100	2900
6300	.90	4300	4100	4000	4000	3800	3800	3800	3800	3600	3400	3200	3200
	.50	4200	4000	3900	3900	3700	3700	3700	3700	3500	3300	3100	3000
	.10	3900	3700	3600	3600	3400	3400	3400	3400	3200	3000	2900	2700
	.90	4400	4400	4300	4300	4100	3900	3800	3800	3700	3400	3300	3200
	.50	4300	4200	4100	4000	3900	3700	3700	3700	3600	3300	3200	3100
	.10	4000	3900	3800	3700	3600	3400	3400	3400	3200	3100	2900	2800
	.90	6000	6000	6000	6000	5900	5800	5700	5400	3800	3600	3500	3300
	.50	5300	5300	5300	5300	5200	5100	5000	4700	3700	3500	3300	3200
	.10	4300	4300	4200	4200	4100	4100	4000	3900	3400	3200	3100	2900
6400	.90	4300	4300	4100	4000	3900	3800	3800	3800	3600	3400	3300	3200
	.50	4200	4200	4000	3900	3800	3700	3700	3700	3500	3300	3200	3100
	.10	3900	3900	3700	3600	3500	3400	3400	3400	3200	3100	2900	2800
	.90	4400	4400	4400	4300	4200	4000	3800	3800	3700	3500	3300	3200
	.50	4300	4300	4200	4200	4000	3700	3700	3700	3600	3400	3200	3100
	.10	4000	4000	3900	3900	3700	3400	3400	3400	3300	3100	2900	2800
	.90	6400	6400	6400	6400	6000	5900	5800	5600	3900	3700	3500	3400
	.50	5700	5700	5700	5700	5300	5200	5100	4900	3700	3500	3400	3200
	.10	4600	4600	4600	4600	4300	4100	4100	4000	3400	3200	3100	2900
6500	.90	4400	4300	4200	4200	4000	3800	3800	3800	3700	3400	3300	3200
	.50	4300	4200	4100	4000	3900	3700	3700	3700	3500	3300	3200	3100
	.10	4000	3900	3800	3800	3600	3400	3400	3400	3300	3100	2900	2800
	.90	4800	4800	4500	4400	4300	4100	3900	3800	3700	3500	3300	3200
	.50	4300	4300	4300	4200	4000	3800	3700	3700	3600	3400	3200	3100
	.10	4000	4000	4000	3900	3800	3500	3400	3400	3300	3100	2900	2800
	.90	6500	6500	6500	6500	6400	6000	5900	5700	4000	3700	3500	3400
	.50	5800	5800	5800	5800	5700	5300	5200	5000	3700	3600	3400	3300
	.10	4800	4700	4700	4700	4600	4300	4100	4100	3400	3200	3100	2900

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION																											
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00														
		-----																									
6600	.90	4400	4400	4300	4300	4100	3900	3800	3800	3700	3400	3300	3200														
	.50	4300	4300	4200	4200	4000	3700	3700	3700	3600	3300	3200	3100														
	.10	4000	4000	3900	3900	3700	3400	3400	3400	3300	3100	2900	2800														
	.90	4900	4900	4800	4500	4300	4200	4000	4000	3800	3500	3400	3200														
	.50	4400	4300	4300	4300	4100	3900	3700	3700	3600	3400	3300	3100	2800													
6700	.10	4100	4000	4000	4000	3900	3500	3400	3400	3300	3100	2900	2800														
	.90	6500	6500	6500	6500	6400	6300	5900	5800	4100	3700	3500	3400														
	.50	5800	5800	5800	5800	5700	5600	5200	5100	3800	3600	3400	3300														
	.10	4800	4700	4700	4700	4600	4500	4200	4100	3400	3300	3100	3000														
	.90	4400	4400	4400	4300	4200	4000	3800	3800	3700	3500	3300	3200														
6800	.50	4300	4300	4300	4200	4000	3800	3700	3700	3600	3400	3200	3100														
	.10	4000	4000	4000	3900	3800	3500	3400	3400	3300	3100	2900	2800														
	.90	4900	4900	4800	4700	4500	4300	4100	4000	3700	3500	3400	3300														
	.50	4500	4500	4400	4300	4200	4000	3800	3700	3600	3400	3300	3100														
	.10	4200	4200	4100	4000	3900	3600	3400	3400	3300	3100	3000	2900														
6900	.90	6500	6500	6500	6500	6500	6400	5900	5800	4200	3700	3500	3400														
	.50	5800	5800	5800	5800	5800	5700	5200	5100	3900	3700	3500	3400														
	.10	4900	4800	4700	4700	4700	4600	4300	4100	3800	3600	3400	3300														
	.90	5000	5000	4900	4800	4500	4400	4200	4100	3800	3600	3400	3300														
	.50	4600	4600	4500	4400	4300	4100	3900	3900	3800	3600	3400	3300	2900													
6900	.10	4300	4300	4200	4100	3900	3700	3500	3400	3300	3100	3000	2900														
	.90	6600	6600	6600	6600	6500	6400	6000	5900	4300	3700	3600	3400														
	.50	5900	5900	5900	5800	5800	5700	5300	5200	4000	3700	3600	3400														
	.10	4900	4900	4800	4800	4700	4600	4500	4200	3800	3600	3400	3300														
	.90	4600	4600	4500	4400	4300	4100	4000	3700	3700	3500	3400	3200														
6900	.50	4200	4200	4100	4000	3900	3600	3400	3400	3300	3100	3000	2900														
	.10	5000	5000	4900	4800	4700	4400	4300	4100	3800	3600	3400	3300														
	.90	4600	4600	4600	4500	4300	4100	4000	3800	3600	3400	3300	3200														
	.50	4300	4300	4200	4100	4000	3900	3700	3700	3600	3400	3300	3100														
	.10	4200	4200	4100	4000	3900	3600	3400	3400	3300	3100	3000	2900														
6900	.90	5000	5000	4900	4800	4700	4600	4500	4200	3800	3600	3400	3300														
	.50	4600	4600	4600	4500	4300	4100	4000	3800	3600	3400	3300	3200														
	.10	4300	4300	4300	4200	4000	3800	3700	3700	3600	3400	3300	3100														
	.90	4500	4500	4400	4300	4200	4000	3900	3700	3700	3500	3400	3200														
	.50	4200	4200	4100	4000	3900	3600	3400	3400	3300	3100	3000	2900														
6900	.90	6600	6600	6600	6600	6500	6400	6000	5900	4300	3700	3600	3400														
	.50	5900	5900	5900	5800	5800	5700	5300	5200	4000	3700	3600	3400														
	.10	4900	4900	4800	4800	4700	4600	4500	4200	3800	3600	3400	3300														
	.90	4600	4600	4500	4400	4300	4100	4000	3800	3600	3400	3300	3100														
	.50	4300	4300	4200	4100	4000	3900	3700	3700	3600	3400	3300	3100														
6900	.90	6600	6600	6600	6600	6500	6400	6000	5900	4300	3700	3600	3400														
	.50	5900	5900	5900	5800	5800	5700	5300	5200	4000	3700	3600	3400														
	.10	4900	4900	4800	4800	4700	4600	4500	4200	3800	3600	3400	3300														
	.90	4600	4600	4500	4400	4300	4100	4000	3800	3600	3400	3300	3100														
	.50	4300	4300	4200	4100	4000	3900	3700	3700	3600	3400	3300	3100														
6900	.90	6600	6600	6600	6600	6500	6400	6000	5900	4300	3700	3600	3400														
	.50	5900	5900	5900	5800	5800	5700	5300	5200	4000	3700	3600	3400														
	.10	4900	4900	4800	4800	4700	4600	4500	4200	3800	3600	3400	3300														
	.90	4600	4600	4500	4400	4300	4100	4000	3800	3600	3400	3300	3100														
	.50	4300	4300	4200	4100	4000	3900	3700	3700	3600	3400	3300	3100														

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

Q	EXC.	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000	.90	.90	4700	4700	4600	4500	4400	4200	4000	3800	3700	3500	3400	3300
	.50	.50	4600	4600	4500	4400	4200	4000	3900	3700	3600	3400	3300	3200
	.10	.10	4300	4300	4200	4100	3900	3700	3500	3400	3300	3100	3000	2900
	.90	.90	5200	5000	4900	4800	4700	4400	4300	4100	3800	3600	3400	3300
	.50	.50	5100	4700	4600	4500	4300	4200	4000	3900	3700	3500	3300	3200
	.10	.10	4800	4400	4300	4200	4000	3800	3500	3400	3300	3100	3000	2900
	.90	.90	6600	6600	6600	6600	6500	6400	6300	5900	4400	3700	3600	3400
	.50	.50	5900	5900	5900	5900	5800	5700	5600	5200	4200	3500	3500	3300
	.10	.10	4900	4900	4800	4800	4700	4700	4600	4400	3800	3300	3100	3000

23.19.07.42LP, 5.845, MAP002, TH, 00

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	700	600	600	600	500	300	200	100	0	0	0	0
	.50	300	200	200	200	100	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1400	1400	1100	1000	900	800	700	400	300	100
	.50	700	700	400	300	300	200	100	0	0	0	0	0
	.10	400	300	100	0	0	0	0	0	0	0	0	0
	.90	3600	3600	3500	3600	3500	2800	2700	2700	2600	2000	1800	1600
	.50	2200	2200	2200	2200	2100	1600	1500	1400	1200	700	600	400
	.10	1100	800	600	600	500	400	300	300	0	0	0	0
1500	.90	700	700	600	600	500	400	200	200	0	0	0	0
	.50	400	300	200	200	100	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1500	1400	1200	1100	1000	900	800	500	300	200
	.50	700	700	600	400	300	200	100	100	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	3700	3600	3600	3600	3600	3400	2700	2700	2600	2000	1900	1700
	.50	2300	2200	2200	2200	2200	2000	1500	1500	1300	800	600	500
	.10	1100	900	700	600	500	500	400	300	100	0	0	0
1600	.90	800	700	700	600	500	400	300	200	100	0	0	0
	.50	600	300	300	200	200	0	0	0	0	0	0	0
	.10	300	0	0	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1500	1500	1400	1200	1100	1000	800	500	400	200
	.50	700	700	700	600	300	300	200	100	0	0	0	0
	.10	400	300	300	200	0	0	0	0	0	0	0	0
	.90	3800	3700	3600	3600	3600	3500	2800	2700	2600	2000	1900	1800
	.50	2400	2300	2300	2200	2200	2100	1600	1500	1300	800	600	500
	.10	1100	1000	800	700	600	500	400	400	100	0	0	0
1700	.90	1000	800	700	700	600	500	400	300	100	0	0	0
	.50	600	400	300	300	200	0	0	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	1600	1600	1500	1500	1400	1200	1100	1100	800	600	400	300
	.50	1000	700	700	600	400	300	200	200	0	0	0	0
	.10	600	300	300	200	0	0	0	0	0	0	0	0
	.90	3800	3800	3800	3700	3600	3500	3400	2800	2600	2000	1900	1800
	.50	2400	2400	2400	2300	2200	2100	2000	1600	1400	800	700	600
	.10	1100	1100	1000	800	700	500	500	400	200	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1100	1000	800	700	600	500	400	400	100	0	0	0
	.50	700	600	400	300	200	100	0	0	0	0	0	0
	.10	400	200	0	0	0	0	0	0	0	0	0	0
	.90	1800	1600	1600	1500	1500	1400	1200	1100	800	700	500	400
	.50	1000	700	700	700	400	300	300	200	0	0	0	0
	.10	600	400	300	300	0	0	0	0	0	0	0	0
	.90	3900	3800	3800	3800	3500	3600	3500	3300	2700	2100	2000	1900
	.50	2500	2400	2400	2400	2300	2200	2100	1900	1400	1100	700	600
	.10	1100	1100	1000	1000	700	600	500	500	300	0	0	0
	.90	1100	1100	800	700	700	600	500	400	200	0	0	0
	.50	700	700	500	400	300	100	0	0	0	0	0	0
	.10	400	300	200	0	0	0	0	0	0	0	0	0
	.90	1800	1800	1600	1600	1500	1400	1300	1200	900	700	500	400
	.50	1100	1000	700	700	400	400	300	300	0	0	0	0
	.10	700	600	300	300	100	0	0	0	0	0	0	0
	.90	3900	3900	3800	3800	3600	3600	3600	3500	2700	2500	2000	1900
	.50	2500	2500	2400	2400	2300	2200	2200	2100	1500	1200	800	700
	.10	1100	1100	1000	1000	800	700	600	500	300	100	0	0
	.90	1100	1100	1000	800	700	600	500	500	200	0	0	0
	.50	700	700	600	400	300	200	100	0	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	1900	1800	1800	1800	1600	1400	1400	1400	1000	800	600	500
	.50	1100	1000	700	700	600	400	400	300	100	0	0	0
	.10	700	600	400	300	200	0	0	0	0	0	0	0
	.90	3900	3900	3900	3900	3800	3600	3600	3500	2700	2600	2000	1900
	.50	2500	2500	2500	2500	2400	2300	2200	2200	1500	1300	800	700
	.10	1200	1100	1000	1000	1000	700	700	600	400	100	0	0
	.90	1100	1100	1100	1000	700	700	600	500	300	100	0	0
	.50	700	700	700	600	300	200	100	100	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1900	1900	1900	1900	1500	1500	1400	1400	1100	800	700	500
	.50	1200	1000	1000	700	700	600	400	400	100	0	0	0
	.10	800	600	600	400	300	0	0	0	0	0	0	0
	.90	4000	4000	3900	3900	3800	3600	3600	3600	2700	2600	2000	2000
	.50	2600	2600	2500	2500	2400	2300	2200	2200	1500	1300	800	700
	.10	1200	1100	1000	1000	1000	800	700	700	400	200	0	0

PAGE 198  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1400	1100	1100	1000	800	700	700	600	400	100	0	0
	.50	1000	700	700	600	400	200	200	100	0	0	0	0
	.10	600	400	300	200	0	0	0	0	0	0	0	0
	.90	1900	1900	1900	1900	1800	1600	1500	1500	1100	800	700	600
	.50	1200	1100	1000	800	700	700	600	400	200	0	0	0
	.10	800	700	600	400	300	100	0	0	0	0	0	0
	.90	4100	4000	4000	3900	3900	3700	3600	3600	2800	2600	2100	2000
	.50	2700	2700	2600	2500	2500	2300	2300	2200	1600	1300	1100	800
	.10	1200	1200	1100	1000	1000	900	800	700	500	200	0	0
2300	.90	1400	1100	1100	1100	900	700	700	700	400	100	0	0
	.50	1000	700	700	700	400	300	200	100	0	0	0	0
	.10	600	400	300	300	100	0	0	0	0	0	0	0
	.90	2500	1900	1900	1900	1900	1600	1600	1500	1200	900	800	700
	.50	1500	1200	1100	1000	700	700	700	600	300	0	0	0
	.10	1100	800	700	600	400	200	0	0	0	0	0	0
	.90	4200	4200	4100	4000	3900	3800	3600	3600	2800	2700	2100	2000
	.50	2800	2800	2700	2600	2500	2400	2300	2300	1600	1400	1200	800
	.10	1200	1200	1100	1000	1000	1000	900	800	500	300	100	0
2400	.90	1500	1400	1100	1100	1000	800	700	700	500	200	100	0
	.50	1100	1000	700	700	400	300	200	200	0	0	0	0
	.10	700	600	300	300	100	0	0	0	0	0	0	0
	.90	2500	1900	1900	1900	1900	1900	1600	1600	1400	1000	800	700
	.50	1500	1300	1100	1100	800	700	700	700	300	0	0	0
	.10	1100	900	700	600	400	300	200	200	0	0	0	0
	.90	4300	4300	4200	4100	3900	3800	3700	3600	3300	2700	2300	2000
	.50	2900	2900	2800	2700	2500	2400	2300	2300	1900	1400	1200	800
	.10	1600	1200	1100	1100	1000	1000	900	800	500	300	100	0
2500	.90	1500	1400	1200	1100	1100	900	800	800	600	300	100	0
	.50	1100	1000	700	700	500	400	300	200	0	0	0	0
	.10	700	600	400	300	200	0	0	0	0	0	0	0
	.90	2500	2500	2500	1900	1900	1900	1800	1600	1400	1100	800	800
	.50	1500	1300	1200	1100	1000	700	700	700	400	100	0	0
	.10	1100	900	800	700	500	300	200	100	0	0	0	0
	.90	4400	4400	4300	4200	3900	3900	3700	3600	3500	2700	2600	2000
	.50	3000	3000	2900	2800	2500	2500	2300	2300	2100	1400	1300	1000
	.10	1700	1600	1200	1200	1000	1000	1000	900	600	400	200	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1600	1400	1400	1200	1100	1000	800	800	600	400	200	100
	.50	1200	1000	1000	700	700	400	300	300	0	0	0	0
	.10	800	700	600	400	300	100	0	0	0	0	0	0
	.90	2600	2600	2500	1900	1900	1900	1900	1800	1500	1200	900	800
	.50	1500	1500	1300	1100	1100	800	700	700	400	200	0	0
	.10	1100	1100	800	700	600	400	300	200	0	0	0	0
	.90	4700	4700	4400	4300	4000	3900	3800	3700	3500	2700	2600	2100
	.50	3300	3300	3000	2900	2600	2500	2400	2300	2200	1500	1300	1100
	.10	1800	1700	1600	1300	1100	1000	1000	1000	700	400	200	0
2700	.90	1600	1500	1400	1300	1100	1100	1000	900	700	400	200	100
	.50	1200	1100	1000	800	700	500	400	300	0	0	0	0
	.10	800	800	600	500	300	200	0	0	0	0	0	0
	.90	2600	2600	2500	2500	1900	1900	1900	1900	1500	1200	1000	800
	.50	1500	1500	1300	1200	1100	900	700	700	500	200	0	0
	.10	1100	1100	900	800	600	400	300	200	0	0	0	0
	.90	4700	4700	4700	4500	4200	3900	3900	3700	3500	2700	2600	2100
	.50	3300	3300	3300	3100	2800	2500	2500	2300	2200	1500	1300	1200
	.10	1800	1700	1600	1500	1200	1100	1000	1000	700	500	200	100
2800	.90	1900	1600	1400	1400	1200	1100	1100	1000	800	500	300	100
	.50	1500	1200	1000	1000	700	600	400	300	0	0	0	0
	.10	1100	800	700	600	400	200	100	0	0	0	0	0
	.90	2600	2600	2600	2500	2000	1900	1900	1900	1600	1400	1100	900
	.50	1500	1500	1300	1300	1100	1000	800	700	600	300	100	0
	.10	1100	1100	900	800	700	500	400	300	0	0	0	0
	.90	4800	4800	4700	4700	4300	4000	3900	3800	3500	2700	2600	2100
	.50	3400	3400	3300	3300	2900	2600	2500	2400	2200	1500	1400	1200
	.10	1800	1800	1700	1600	1400	1200	1000	1000	800	500	300	100
2900	.90	1900	1700	1500	1500	1400	1200	1100	1100	800	600	400	200
	.50	1500	1300	1100	1000	800	700	500	400	100	0	0	0
	.10	1100	900	700	700	400	300	200	0	0	0	0	0
	.90	3500	2600	2600	2500	2000	2000	1900	1900	1600	1400	1200	900
	.50	2100	1600	1300	1300	1200	1100	900	800	700	400	100	0
	.10	1200	1100	900	900	700	500	400	300	0	0	0	0
	.90	4800	4800	4800	4700	4500	4000	3900	3900	3500	2800	2700	2400
	.50	3400	3400	3400	3300	3100	2600	2500	2500	2200	1500	1400	1300
	.10	1800	1800	1700	1700	1600	1300	1100	1000	900	500	300	200

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1900	1700	1500	1500	1400	1200	1200	1100	800	600	400	300
	.50	1500	1300	1100	1100	300	700	600	500	100	0	0	0
	.10	1100	900	800	700	600	300	200	100	0	0	0	0
	.90	3500	3500	2600	2600	2500	2000	2000	1900	1800	1500	1200	1000
	.50	2100	2100	1500	1300	1200	1100	1100	900	700	400	200	0
	.10	1200	1100	1000	900	700	600	400	400	0	0	0	0
	.90	4900	4900	4800	4800	4700	4200	4000	3900	3500	2800	2700	2500
	.50	3500	3500	3400	3400	3300	2800	2600	2500	2300	1600	1500	1300
	.10	2200	1800	1800	1700	1600	1400	1200	1100	900	600	400	200
3100	.90	1900	1900	1600	1500	1500	1400	1200	1200	900	700	500	300
	.50	1500	1500	1200	1100	1000	700	700	600	200	0	0	0
	.10	1100	1100	800	700	600	400	300	200	0	0	0	0
	.90	3500	3500	3500	2600	2500	2100	2000	2000	1900	1500	1400	1100
	.50	2100	2100	2100	1500	1300	1200	1100	1100	700	500	300	100
	.10	1600	1200	1100	900	800	600	500	400	0	0	0	0
	.90	5000	5000	4900	4800	4700	4400	4000	3900	3600	2800	2700	2600
	.50	3600	3600	3500	3400	3300	3000	2600	2500	2300	1600	1500	1300
	.10	2200	1900	1800	1800	1700	1600	1300	1200	1000	600	400	200
3200	.90	1900	1900	1700	1600	1500	1400	1400	1200	1000	800	500	400
	.50	1500	1500	1300	1100	1000	800	700	600	300	0	0	0
	.10	1100	1100	900	800	700	400	300	200	0	0	0	0
	.90	3500	3500	3500	3500	2500	2500	2100	2000	1900	1600	1400	1200
	.50	2100	2100	2100	2100	1400	1300	1200	1100	800	600	400	200
	.10	1700	1600	1100	1000	800	700	600	500	100	0	0	0
	.90	5200	5100	5100	5000	4800	4600	4100	4000	3600	2800	2700	2600
	.50	3800	3700	3700	3600	3400	3200	2700	2600	2300	1700	1500	1400
	.10	2300	2200	2000	1900	1700	1700	1500	1300	1000	700	400	200
3300	.90	2100	1900	1700	1600	1500	1500	1400	1300	1000	800	600	400
	.50	1500	1500	1300	1200	1100	800	700	700	300	0	0	0
	.10	1100	1100	900	800	700	500	400	300	0	0	0	0
	.90	3500	3500	3500	3500	2600	2600	2500	2100	1900	1600	1500	1300
	.50	2100	2100	2100	2100	1500	1400	1300	1200	800	600	400	200
	.10	1800	1700	1200	1100	900	700	600	500	200	0	0	0
	.90	5300	5200	5100	5100	4800	4700	4200	4000	3600	2800	2700	2600
	.50	3900	3800	3700	3700	3400	3300	2800	2600	2300	1700	1500	1400
	.10	2300	2300	2100	2000	1800	1700	1600	1400	1000	700	500	300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2100	1900	1700	1600	1500	1500	1400	1400	1100	800	700	500
	.50	1600	1500	1300	1300	1100	1000	800	700	400	0	0	0
	.10	1300	1100	900	900	700	600	400	300	0	0	0	0
	.90	3600	3500	3500	3500	2600	2600	2600	2500	1900	1800	1500	1400
	.50	2200	2100	2100	2100	1500	1400	1300	1300	1000	700	500	300
	.10	1800	1700	1300	1200	900	800	700	600	200	0	0	0
	.90	5300	5300	5200	5200	4900	4800	4400	4000	3600	2900	2800	2700
	.50	3900	3900	3800	3800	3500	3400	3000	2600	2300	1700	1500	1400
	.10	2300	2300	2200	2100	1900	1700	1700	1500	1000	800	500	300
3500	.90	2300	2100	1900	1800	1600	1500	1500	1400	1200	800	800	600
	.50	1900	1500	1400	1300	1100	1000	800	700	400	0	0	0
	.10	1600	1100	1100	900	700	600	400	300	0	0	0	0
	.90	3600	3600	3500	3500	2600	2600	2600	2600	2000	1800	1600	1400
	.50	2200	2200	2100	2100	2000	1500	1400	1300	1100	700	500	400
	.10	1800	1800	1500	1300	1100	800	700	700	300	0	0	0
	.90	5400	5400	5300	5300	5000	4800	4700	4200	3600	2900	2800	2700
	.50	4000	4000	3900	3900	3600	3400	3300	2800	2300	1800	1600	1500
	.10	2400	2300	2300	2200	2100	1800	1700	1600	1000	800	500	300
3600	.90	2400	2300	1900	1900	1800	1600	1500	1500	1200	900	800	700
	.50	2000	1900	1500	1300	1100	1000	900	800	500	100	0	0
	.10	1700	1600	1100	900	800	700	500	400	0	0	0	0
	.90	3600	3600	3600	3500	3500	2600	2600	2600	2000	1900	1600	1500
	.50	2200	2200	2200	2100	2100	1600	1400	1400	1100	700	600	400
	.10	1800	1800	1700	1400	1100	900	700	700	300	0	0	0
	.90	5500	5500	5400	5300	5200	4800	4700	4400	3600	3000	2800	2700
	.50	4100	4100	4000	3900	3800	3400	3300	3000	2400	2100	1600	1500
	.10	2700	2600	2400	2300	2200	1900	1700	1700	1100	900	500	300
3700	.90	2500	2400	2000	1900	1900	1700	1600	1500	1400	1000	800	700
	.50	2100	2000	1500	1400	1300	1100	1000	800	600	200	0	0
	.10	1800	1700	1100	1100	900	700	600	500	0	0	0	0
	.90	3600	3600	3600	3600	3500	2600	2600	2600	2000	1900	1700	1500
	.50	2500	2200	2200	2200	2100	1600	1500	1400	1200	800	600	500
	.10	2200	1800	1700	1500	1200	900	800	700	400	0	0	0
	.90	5600	5600	5500	5400	5300	4900	4800	4600	3600	3200	2800	2700
	.50	4200	4200	4100	4000	3900	3500	3400	3300	2400	2100	1600	1500
	.10	2900	2800	2600	2500	2300	2100	1800	1700	1100	900	600	400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2500	2400	2100	2000	1900	1900	1700	1600	1400	1100	800	800
	.50	2100	2000	1600	1500	1300	1100	1100	1000	600	200	0	0
	.10	1800	1700	1300	1100	900	700	700	600	100	0	0	0
	.90	3600	3600	3600	3600	3500	2700	2600	2600	2100	1900	1800	1600
	.50	2500	2200	2200	2200	2100	1700	1500	1500	1200	800	700	500
	.10	2200	1800	1700	1600	1200	1000	800	700	400	0	0	0
	.90	5700	5700	5600	5500	5300	5000	4800	4700	3800	3400	2800	2800
	.50	4300	4300	4200	4100	3900	3600	3400	3300	2500	2200	1600	1500
	.10	3000	2900	2700	2600	2300	2200	1900	1800	1200	900	600	400
3900	.90	2500	2500	2400	2100	1900	1900	1800	1700	1500	1200	900	800
	.50	2100	2100	1800	1600	1400	1200	1100	1000	700	300	0	0
	.10	1800	1800	1500	1200	1000	800	700	600	100	0	0	0
	.90	3600	3600	3600	3600	3500	2800	2700	2600	2500	2000	1900	1600
	.50	2600	2500	2200	2200	2100	1900	1600	1500	1300	900	700	600
	.10	2300	2200	1800	1700	1300	1000	900	800	400	100	0	0
	.90	5800	5800	5700	5600	5300	5200	4800	4800	3900	3500	2800	2800
	.50	4400	4400	4300	4200	3900	3800	3400	3400	2500	2200	1600	1600
	.10	3000	2900	2700	2600	2400	2200	2000	1800	1200	1000	700	400
4000	.90	2500	2500	2500	2300	2000	1900	1900	1800	1500	1200	1000	800
	.50	2100	2100	2000	1700	1500	1300	1100	1100	700	300	100	0
	.10	1800	1800	1700	1400	1100	900	700	700	200	0	0	0
	.90	3600	3600	3600	3600	3500	2800	2700	2700	2600	2000	1900	1800
	.50	2600	2600	2200	2200	2100	2000	1600	1500	1300	1100	700	600
	.10	2300	2300	1800	1700	1300	1100	900	800	500	100	0	0
	.90	5900	5900	5800	5700	5400	5300	4900	4800	3900	3500	2800	2800
	.50	4500	4500	4400	4300	4000	3900	3500	3400	2600	2300	1700	1600
	.10	3000	2900	2800	2700	2500	2200	2100	1900	1300	1000	700	500
4100	.90	2900	2500	2500	2400	2100	1900	1900	1900	1600	1300	1100	900
	.50	2500	2100	2000	1900	1500	1300	1200	1100	700	400	100	0
	.10	2200	1800	1700	1500	1200	900	800	700	200	0	0	0
	.90	3600	3600	3600	3600	3500	2800	2700	2700	2600	2000	1900	1800
	.50	2600	2600	2200	2200	2200	2100	1600	1500	1400	1100	800	600
	.10	2300	2300	1800	1700	1400	1100	900	900	500	200	0	0
	.90	6000	6000	5900	5800	5500	5300	5100	4800	3900	3500	2900	2800
	.50	4600	4600	4500	4400	4100	3900	3700	3400	2600	2300	1700	1600
	.10	3000	2900	2800	2800	2600	2300	2200	2000	1400	1000	800	500

PAGE 203

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
4200	.90	2900	2600	2500	2500	2100	1900	1900	1900	1600	1400	1100	900
	.50	2500	2100	2000	1900	1600	1300	1200	1100	700	400	200	0
	.10	2200	1800	1700	1600	1200	900	800	700	300	0	0	0
	.90	3600	3600	3600	3600	3500	3000	2800	2700	2600	2000	1900	1900
	.50	2600	2600	2300	2200	2200	2100	1800	1600	1400	1200	800	700
	.10	2300	2300	1800	1800	1500	1100	1000	900	500	200	0	0
	.90	6100	6100	6000	5900	5600	5300	5200	4900	4000	3500	2900	2800
	.50	4700	4700	4600	4500	4200	3900	3800	3500	2600	2300	1700	1600
	.10	3000	3000	2900	2900	2700	2300	2200	2100	1600	1000	800	500
4300	.90	3000	2900	2500	2500	2300	2000	1900	1900	1700	1500	1200	1000
	.50	2600	2500	2100	2000	1600	1300	1300	1200	700	500	200	0
	.10	2300	2200	1800	1700	1300	1000	800	700	300	0	0	0
	.90	3700	3600	3600	3600	3500	3500	2800	2800	2600	2100	2000	1900
	.50	2900	2600	2400	2300	2200	2100	2000	1700	1500	1200	900	700
	.10	2600	2300	2000	1800	1600	1200	1000	1000	600	200	0	0
	.90	6200	6200	6100	6000	5700	5400	5300	5000	4000	3500	2900	2800
	.50	4800	4800	4700	4600	4300	4000	3900	3600	2600	2300	1800	1600
	.10	3100	3100	3000	2900	2700	2400	2300	2200	1600	1000	900	500
4400	.90	3000	3000	2600	2500	2400	2100	2000	1900	1800	1500	1300	1100
	.50	2600	2600	2100	2000	1700	1500	1300	1200	800	600	300	100
	.10	2300	2300	1800	1700	1300	1100	900	800	300	0	0	0
	.90	3800	3700	3600	3600	3600	3500	3400	2800	2700	2300	2000	1900
	.50	2900	2800	2600	2400	2300	2200	2100	2000	1500	1300	1000	700
	.10	2600	2400	2300	2000	1700	1300	1100	1000	600	300	100	0
	.90	6300	6300	6200	6100	5800	5400	5300	5200	4000	3500	3000	2800
	.50	4900	4900	4800	4700	4400	4000	3900	3800	2600	2300	1900	1600
	.10	3200	3200	3100	3000	2800	2500	2300	2200	1700	1100	900	600
4500	.90	3500	3000	2600	2600	2500	2100	2000	2000	1900	1500	1400	1200
	.50	2600	2600	2100	2100	1700	1500	1300	1300	800	600	400	100
	.10	2300	2300	1800	1700	1400	1100	900	800	400	0	0	0
	.90	3800	3800	3800	3700	3600	3500	3500	3300	2700	2500	2000	1900
	.50	3100	3000	2800	2600	2300	2200	2200	2100	1500	1300	1100	800
	.10	2700	2600	2400	2300	1800	1300	1200	1000	700	300	100	0
	.90	6400	6400	6300	6200	6000	5500	5400	5300	4000	3500	3000	2800
	.50	5000	5000	4900	4800	4600	4100	4000	3900	2800	2300	2100	1600
	.10	3300	3300	3200	3100	2900	2600	2300	2300	1700	1100	900	600

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING MUA -- CHUM:  
 SPAWNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3500	3500	3000	2600	2500	2500	2100	2000	1900	1600	1400	1200
	.50	2600	2600	2200	2100	1900	1500	1400	1300	1000	700	400	200
	.10	2300	2300	1800	1800	1400	1100	900	800	400	0	0	0
	.90	3900	3800	3800	3800	3500	3600	3500	3500	2700	2600	2000	2000
	.50	3300	3200	3000	2700	2400	2300	2200	2200	1600	1400	1200	800
	.10	2900	2800	2600	2300	1900	1400	1200	1100	700	400	200	0
	.90	6500	6500	6400	6300	6100	5800	5400	5300	4200	3600	3200	2800
	.50	5100	5100	5000	4900	4700	4400	4000	3900	3000	2400	2200	1700
	.10	3400	3400	3300	3200	3000	2700	2400	2300	1700	1100	1000	700
4700	.90	3500	3500	3500	2900	2600	2500	2400	2100	1900	1700	1500	1300
	.50	2900	2600	2200	2100	2000	1600	1500	1300	1100	700	500	300
	.10	2600	2300	1900	1800	1500	1200	1000	900	400	0	0	0
	.90	3900	3900	3800	3800	3700	3600	3600	3500	2700	2600	2100	2000
	.50	3400	3300	3000	2800	2500	2300	2300	2200	1600	1400	1200	900
	.10	3000	2900	2700	2400	1900	1600	1300	1100	800	400	200	0
	.90	6600	6600	6500	6500	6200	6100	5800	5400	4700	3600	3400	2900
	.50	5200	5200	5200	5100	4800	4700	4400	4000	3300	2400	2200	1700
	.10	3500	3500	3500	3400	3100	3000	2700	2500	1800	1200	1000	800
4800	.90	3500	3500	3500	3500	2600	2600	2500	2400	1900	1800	1500	1400
	.50	2900	2600	2500	2200	2100	1700	1500	1400	1100	700	500	300
	.10	2600	2300	2100	1900	1700	1200	1100	900	500	0	0	0
	.90	3900	3900	3900	3900	3800	3600	3600	3500	2800	2600	2200	2000
	.50	3400	3300	3100	2900	2500	2400	2300	2300	1700	1500	1300	1100
	.10	3000	2900	2700	2500	1900	1700	1300	1200	800	500	200	100
	.90	6800	6700	6700	6600	6300	6100	6100	5800	4800	3600	3500	2900
	.50	5400	5300	5300	5200	4900	4700	4700	4400	3400	2500	2300	1700
	.10	3700	3600	3600	3500	3200	3000	3000	2800	1900	1300	1000	800
4900	.90	3500	3500	3500	3500	2800	2600	2600	2500	2000	1900	1600	1400
	.50	3000	2800	2600	2500	2100	1900	1600	1500	1200	800	600	400
	.10	2700	2400	2300	2100	1800	1300	1100	900	500	0	0	0
	.90	4000	4000	3900	3900	3800	3600	3600	3600	2900	2700	2400	2000
	.50	3400	3300	3100	2900	2600	2400	2300	2300	2100	1500	1300	1100
	.10	3000	2900	2700	2500	2000	1700	1300	1200	900	500	300	100
	.90	6900	6900	6800	6700	6400	6200	6100	6100	4900	3800	3500	3000
	.50	5500	5500	5400	5300	5000	4800	4700	4700	3500	2600	2300	1900
	.10	3800	3800	3700	3600	3300	3100	3000	3000	2100	1400	1000	900

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3600	3500	3500	3500	3100	2600	2500	2600	2000	1900	1600	1500
	.50	3100	3000	2800	2600	2100	2100	1700	1500	1200	800	600	400
	.10	2700	2600	2400	2300	1800	1400	1100	1000	500	100	0	0
	.90	4100	4100	4000	3900	3900	3700	3600	3600	3100	2700	2500	2100
	.50	3400	3300	3100	3000	2600	2500	2400	2300	2100	1500	1400	1200
	.10	3000	2900	2700	2600	2100	1800	1500	1200	900	500	300	200
	.90	7000	7000	6900	6800	6500	6200	6200	6100	5200	3900	3500	3000
	.50	5600	5600	5500	5400	5100	4800	4800	4700	3800	2600	2300	2100
	.10	3900	3900	3800	3700	3400	3100	3100	3000	2200	1600	1100	900
5100	.90	3700	3600	3600	3500	3500	2700	2600	2600	2100	1900	1800	1500
	.50	3300	3200	3000	2800	2200	2100	1800	1600	1300	800	700	500
	.10	2900	2800	2700	2400	1900	1500	1200	1000	600	100	0	0
	.90	4200	4200	4100	4000	3900	3800	3600	3600	3500	2700	2600	2100
	.50	3400	3300	3100	3000	2700	2500	2400	2300	2200	1600	1400	1300
	.10	3000	2900	2700	2600	2200	1800	1600	1300	1000	600	400	200
	.90	7200	7100	7100	7000	6700	6300	6200	6200	5400	4000	3500	3200
	.50	5800	5700	5700	5600	5300	4900	4800	4800	4000	2600	2400	2200
	.10	4100	4000	4000	3900	3600	3200	3100	3100	2300	1700	1100	1000
	.90	3800	3700	3600	3600	3500	2800	2600	2600	2300	1900	1800	1600
	.50	3400	3300	3000	2900	2300	2100	2000	1600	1400	1000	700	600
	.10	3000	2900	2700	2500	1900	1700	1300	1100	600	100	0	0
	.90	4300	4300	4200	4100	3900	3800	3700	3600	3500	2700	2600	2200
	.50	3400	3300	3100	3000	2700	2500	2500	2400	2200	1600	1400	1300
	.10	3000	2900	2800	2600	2300	1800	1700	1300	1000	600	400	200
	.90	7500	7400	7400	7300	7000	6800	6300	6200	5600	4100	3600	3400
	.50	6100	6000	6000	5900	5500	5400	4900	4800	4200	2900	2400	2300
	.10	4400	4300	4300	4200	3900	3700	3200	3100	2700	1700	1200	1000
	.90	3800	3700	3600	3600	3500	3000	2700	2600	2500	2000	1900	1700
	.50	3400	3300	3100	2900	2400	2100	2100	1800	1400	1100	700	600
	.10	3000	2900	2700	2500	2000	1700	1300	1100	600	200	0	0
	.90	4400	4400	4300	4200	3900	3900	3700	3600	3500	2700	2600	2300
	.50	3400	3300	3100	3000	2800	2600	2500	2400	2200	1600	1500	1300
	.10	3000	2900	2700	2600	2300	1800	1700	1400	1000	700	500	200
	.90	7800	7700	7700	7600	7300	7000	6900	6500	6100	4700	3700	3500
	.50	6400	6300	6300	6200	5900	5600	5500	5100	4700	3300	2500	2300
	.10	4700	4600	4600	4500	4200	3900	3800	3400	3000	1800	1300	1000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	3700	3600	3600	3500	3000	2800	2700	2500	2000	1900	1800
	.50	3400	3300	3100	2900	2500	2200	2100	1900	1400	1200	800	600
	.10	3000	2900	2700	2600	2100	1800	1300	1200	700	300	0	0
	.90	4700	4700	4400	4300	4000	3900	3800	3700	3500	2700	2700	2500
	.50	3400	3300	3100	3000	2900	2600	2500	2500	2300	1700	1500	1300
	.10	3000	2800	2700	2600	2300	1900	1700	1500	1000	700	500	300
	.90	8100	8100	8000	7900	7600	7200	7000	7000	6200	4800	3900	3500
	.50	6700	6700	6600	6500	6200	5800	5600	5600	4800	3400	2600	2400
	.10	5000	5000	4900	4800	4500	4100	3900	3900	3100	2100	1600	1100
5500	.90	3800	3700	3600	3500	3500	3200	2800	2700	2600	2000	1900	1800
	.50	3400	3300	3100	3000	2500	2200	2100	2000	1500	1200	800	700
	.10	3000	2900	2700	2600	2200	1800	1400	1200	700	300	0	0
	.90	4700	4700	4700	4500	4200	3900	3900	3700	3500	2800	2700	2500
	.50	3400	3300	3300	3100	3000	2700	2600	2500	2300	1700	1500	1400
	.10	3000	2800	2700	2600	2300	1900	1800	1600	1000	800	500	300
	.90	8400	8400	8300	8200	7900	7500	7000	7000	6200	5300	4000	3600
	.50	7000	7000	6900	6800	6500	6100	5600	5600	4800	3900	2700	2400
	.10	5300	5300	5200	5100	4800	4400	3900	3900	3100	2300	1700	1100
5600	.90	3800	3700	3600	3600	3500	3400	2800	2700	2600	2100	2000	1900
	.50	3400	3300	3100	3000	2500	2200	2100	2100	1500	1300	900	700
	.10	3000	2900	2700	2600	2300	1800	1600	1300	700	400	100	0
	.90	4800	4800	4700	4700	4300	4000	3900	3800	3500	2800	2700	2600
	.50	3400	3400	3300	3300	3000	2800	2600	2500	2300	1800	1500	1400
	.10	3000	3000	2700	2600	2300	1900	1800	1600	1100	800	500	400
	.90	8700	8700	8600	8500	8300	7800	7300	7000	6300	5400	4100	3600
	.50	7300	7300	7200	7100	6900	6400	5900	5600	4900	4000	2900	2500
	.10	5600	5600	5500	5400	5200	4700	4200	3900	3200	2500	1800	1300
5700	.90	3800	3700	3600	3600	3600	3500	3000	2800	2600	2200	2000	1900
	.50	3400	3300	3100	3000	2600	2200	2200	2100	1500	1300	1000	700
	.10	3000	2900	2800	2700	2300	1900	1600	1300	800	400	100	0
	.90	4800	4800	4800	4700	4500	4000	3900	3900	3500	2900	2700	2600
	.50	3400	3400	3400	3300	3100	2900	2600	2600	2300	2000	1600	1400
	.10	3000	3000	2700	2600	2300	1900	1800	1700	1100	900	500	400
	.90	9100	9100	9000	8900	8600	8100	7700	7200	6300	6100	4500	3800
	.50	7700	7700	7600	7500	7200	6700	6300	5800	4900	4700	3200	2600
	.10	6000	6000	5900	5800	5500	5000	4600	4100	3200	3000	1800	1500

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	.90	3800	3700	3600	3600	3500	3100	2800	2700	2300	2000	1900
	.50	.50	3400	3300	3000	2600	2300	2200	2100	1600	1300	1100	800
	.10	.10	3000	2900	2600	2300	1900	1700	1300	800	400	100	0
	.90	.90	4900	4900	4800	4700	4200	4000	3900	3600	2900	2700	2600
	.50	.50	4200	3500	3400	3300	3000	2700	2600	2300	2100	1600	1500
	.10	.10	3800	3000	2700	2400	2000	1800	1700	1200	900	600	400
	.90	.90	9400	9400	9300	8900	8500	8000	7500	6900	6200	4800	4000
	.50	.50	8000	8000	7900	7500	7100	6600	6100	5500	4800	3400	2700
	.10	.10	6300	6300	6200	5800	5400	4900	4400	3800	3100	2200	1600
5900	.90	.90	3800	3600	3600	3600	3500	3400	3000	2700	2500	2000	1900
	.50	.50	3400	3200	3100	2700	2300	2200	2200	1600	1400	1200	800
	.10	.10	3000	2800	2700	2300	1900	1700	1300	900	400	200	0
	.90	.90	5000	5000	4900	4700	4400	4000	3900	3600	3000	2800	2700
	.50	.50	4200	3600	3500	3400	3100	2800	2600	2300	2100	1600	1500
	.10	.10	3800	3000	2800	2400	2000	1800	1800	1200	1000	600	400
	.90	.90	9800	9800	9700	9300	8800	8400	7900	7000	6200	5100	4100
	.50	.50	8400	8400	8300	7900	7400	7000	6500	5600	4800	3800	2700
	.10	.10	6700	6700	6500	6200	5700	5300	4800	3900	3100	2300	1700
6000	.90	.90	3800	3800	3600	3600	3500	3500	3300	2700	2500	2000	2000
	.50	.50	3400	3300	3100	2700	2300	2300	2200	1600	1400	1200	800
	.10	.10	3000	3000	2700	2300	1900	1300	1400	900	500	200	0
	.90	.90	5200	5100	5100	4800	4600	4100	4000	3600	3100	2800	2700
	.50	.50	4200	3700	3600	3400	3200	2900	2700	2400	2200	1600	1500
	.10	.10	3800	3000	2800	2400	2000	1900	1800	1300	1000	700	500
	.90	.90	10200	10100	10100	9700	9200	8700	8300	7000	6200	5400	4100
	.50	.50	8800	8700	8600	8300	7800	7300	6900	5600	4800	4000	3000
	.10	.10	7100	7000	6900	6600	6100	5600	5200	3900	3100	2600	1800
	.90	.90	3800	3800	3700	3600	3500	3500	3500	2700	2600	2100	2000
	.50	.50	3400	3300	3000	2700	2400	2300	2200	1700	1500	1300	1000
	.10	.10	3000	3000	2700	2400	1900	1800	1500	1000	500	300	100
	.90	.90	5300	5200	5100	4900	4700	4200	4000	3600	3200	2800	2700
	.50	.50	4200	3800	3700	3400	3300	3000	2800	2400	2200	1700	1500
	.10	.10	3800	3000	2800	2400	2100	1900	1800	1300	1000	700	500
	.90	.90	10500	10500	10400	10100	9600	9100	8600	7000	6300	5900	4500
	.50	.50	9100	9100	9000	8700	8200	7700	7200	5600	4900	4500	3300
	.10	.10	7400	7400	7300	7000	6500	6000	5500	3900	3200	3000	1900

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3900	3800	3800	3800	3600	3600	3500	3500	2700	2600	2200	2000
	.50	3400	3300	3100	3000	2700	2400	2300	2300	1800	1500	1300	1100
	.10	3000	3000	2800	2600	2400	2000	1800	1600	1000	500	300	100
	.90	5300	5300	5200	5200	4900	4800	4400	4000	3600	3300	2800	2700
	.50	4200	3900	3800	3800	3500	3400	3100	2900	2500	2200	1700	1600
	.10	3800	3000	2800	2800	2500	2200	2000	1800	1300	1000	800	500
	.90	10900	10900	10800	10700	10400	10000	9500	9000	7100	6300	6100	4900
	.50	9500	9500	9400	9300	9000	8600	8100	7600	5700	4900	4700	3500
	.10	7800	7800	7700	7600	7300	6900	6400	5900	4000	3200	3100	2300
6300	.90	4600	3900	3800	3800	3700	3600	3600	3500	2800	2600	2400	2000
	.50	4200	3300	3100	3000	2700	2500	2400	2300	2100	1500	1300	1200
	.10	3800	3000	2800	2700	2400	2000	1800	1600	1000	600	400	200
	.90	5400	5400	5300	5300	5000	4800	4700	4200	3600	3300	2800	2800
	.50	4200	4000	3900	3900	3500	3400	3300	3100	2500	2200	1700	1600
	.10	3800	3000	2900	2800	2500	2300	2100	1900	1500	1000	800	500
	.90	11000	11000	11000	10900	10500	10100	9600	9100	7100	6300	6200	5000
	.50	9600	9600	9600	9500	9200	8700	8200	7700	5700	4900	4800	3700
	.10	7900	7900	7900	7800	7500	7000	6500	6000	4000	3200	3100	2400
6400	.90	4600	3900	3900	3900	3800	3600	3600	3500	2900	2700	2500	2100
	.50	4200	3400	3100	3000	2700	2500	2400	2300	2100	1600	1400	1200
	.10	3800	3000	2800	2700	2400	2000	1800	1700	1000	600	400	200
	.90	5500	5500	5400	5300	5200	4800	4700	4400	3600	3400	2800	2800
	.50	4200	4100	4000	3900	3800	3400	3400	3200	2500	2300	1700	1600
	.10	3800	3100	2900	2800	2700	2400	2200	2000	1600	1000	900	500
	.90	11100	11100	11100	11000	10700	10200	9700	9200	7100	6300	6200	5300
	.50	9700	9700	9700	9600	9300	8800	8300	7800	5700	4900	4800	4000
	.10	8000	8000	8000	7900	7600	7100	6600	6100	4000	3200	3100	2500
6500	.90	4600	4000	3900	3900	3800	3600	3600	3600	3200	2700	2600	2100
	.50	4200	3400	3100	3100	2800	2600	2500	2400	2200	1600	1400	1300
	.10	3800	3000	2800	2800	2400	2100	1800	1700	1100	700	400	200
	.90	5600	5600	5500	5400	5300	4900	4800	4600	3600	3500	2800	2800
	.50	4200	4200	4100	4000	3900	3500	3400	3300	2600	2300	1700	1600
	.10	3800	3200	3000	2900	2700	2500	2300	2200	1600	1100	900	500
	.90	11200	11200	11100	11000	10800	10300	9800	9300	7100	6500	6200	5500
	.50	9800	9800	9700	9600	9400	8900	8400	7900	5700	5100	4800	4100
	.10	8100	8100	8000	7900	7700	7200	6700	6200	4000	3500	3200	2800

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
6600	.90	4600	4100	4000	3900	3900	3700	3600	3600	3400	2700	2600	2200
	.50	4200	3400	3100	2800	2800	2600	2500	2400	2200	1600	1500	1300
	.10	3800	3000	2800	2500	2500	2200	1900	1800	1100	700	500	200
	.90	5700	5700	5600	5300	5300	5000	4800	4700	3800	3500	2900	2800
	.50	4300	4300	4200	4100	3900	3600	3400	3400	2600	2300	1800	1600
	.10	3800	3300	3000	3000	2800	2500	2400	2200	1700	1100	900	600
	.90	11300	11300	11200	11100	10800	10400	9900	9400	7100	6900	6300	5700
	.50	9900	9900	9800	9700	9400	9000	8500	8000	5700	5500	4900	4300
	.10	8200	8200	8100	8000	7700	7300	6800	6300	4000	3800	3200	3000
6700	.90	4600	4200	4100	4000	3900	3800	3600	3600	3500	2700	2600	2300
	.50	4200	3400	3200	3100	2900	2700	2600	2500	2200	1700	1500	1300
	.10	3800	3000	2900	2800	2600	2300	1900	1800	1100	800	500	300
	.90	5800	5800	5700	5600	5300	5200	4800	4800	3900	3500	2900	2800
	.50	4400	4400	4300	4200	3900	3800	3400	3400	2600	2300	1900	1600
	.10	3800	3400	3100	3000	2900	2600	2500	2300	1700	1100	900	600
	.90	11400	11400	11300	11200	10900	10400	10000	9500	7100	7000	6300	6100
	.50	10000	10000	9900	9800	9500	9000	8600	8100	5700	5600	4900	4700
	.10	8300	8300	8200	8100	7800	7300	6900	6400	4000	3900	3200	3000
6800	.90	4600	4300	4200	4100	3900	3800	3700	3600	3500	2700	2600	2500
	.50	4200	3500	3300	3100	3000	2700	2600	2500	2300	1700	1500	1400
	.10	3800	3100	3000	2800	2700	2400	1900	1800	1200	800	500	300
	.90	5900	5900	5800	5700	5400	5300	4900	4800	3900	3500	3000	2800
	.50	4600	4500	4400	4300	4000	3900	3600	3400	2700	2300	2100	1600
	.10	4200	3500	3200	3100	2900	2700	2500	2400	1700	1200	1000	700
	.90	11400	11400	11300	11200	10900	10500	10000	9500	7100	7000	6300	6100
	.50	10000	10000	9900	9800	9500	9100	8600	8100	5700	5600	4900	4700
	.10	8300	8300	8200	8100	7800	7400	6900	6400	4000	3900	3200	3100
6900	.90	4600	4400	4300	4200	3900	3900	3700	3600	3500	2800	2700	2500
	.50	4200	3500	3300	3200	3000	2800	2600	2500	2300	1800	1500	1400
	.10	3800	3200	3000	2900	2700	2400	2000	1800	1200	900	500	400
	.90	6000	6000	5900	5800	5500	5300	5100	4800	4000	3500	3100	2800
	.50	4600	4600	4500	4400	4100	3900	3700	3500	2900	2400	2100	1600
	.10	4200	3500	3400	3200	2900	2700	2600	2500	1800	1200	1000	700
	.90	11300	11200	11200	11100	10800	10300	9800	9400	7100	7000	6300	6200
	.50	9900	9800	9800	9700	9400	8900	8400	8000	5700	5600	4900	4800
	.10	8200	8100	8100	8000	7700	7200	6700	6300	4000	3900	3200	3100

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	4700	4400	4300	4000	3900	3800	3700	3500	2800	2700	2600
	.50	.50	4200	3400	3300	3100	2900	2900	2600	2300	2000	1600	1400
	.10	.10	3800	3000	3000	2800	2500	2300	1800	1300	1000	600	400
	.90	.90	6100	6000	5900	5600	5300	5200	4900	4000	3500	3200	2800
	.50	.50	4700	4700	4500	4200	3900	3800	3600	2900	2400	2200	1700
	.10	.10	4300	3400	3200	3000	2800	2600	2500	1800	1300	1000	800
	.90	.90	11100	11000	11000	10700	10200	9700	9200	7100	7000	6300	6200
	.50	.50	9700	9700	9600	9300	8800	8300	7800	5700	5600	4900	4800
	.10	.10	8000	8000	7900	7500	7100	6600	6100	4000	3900	3200	3100



TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1100	1000	700	700	600	400	400	400	100	0	0	0
	.50	800	700	500	400	300	200	100	0	0	0	0	0
	.10	400	200	0	0	0	0	0	0	0	0	0	0
	.90	1800	1600	1600	1500	1500	1400	1200	1100	800	700	500	400
	.50	1100	800	800	700	600	500	400	300	100	0	0	0
	.10	600	400	300	300	0	0	0	0	0	0	0	0
	.90	3900	3800	3800	3800	3600	3600	3500	3300	2700	2000	2000	1900
	.50	2800	2700	2700	2700	2500	2500	2400	2200	1600	1200	900	900
	.10	1100	1100	1100	1100	900	700	700	600	300	0	0	0
1900	.90	1100	1100	800	700	600	500	400	400	100	0	0	0
	.50	800	800	500	500	300	200	100	100	0	0	0	0
	.10	400	300	200	0	0	0	0	0	0	0	0	0
	.90	1800	1800	1600	1600	1500	1400	1300	1200	800	700	500	400
	.50	1200	1100	800	800	700	500	500	400	200	0	0	0
	.10	700	600	300	300	100	0	0	0	0	0	0	0
	.90	3900	3900	3800	3800	3600	3600	3600	3500	2700	2500	2000	1900
	.50	2800	2800	2700	2700	2500	2500	2500	2400	1700	1400	1000	900
	.10	1100	1100	1100	1100	900	800	700	700	400	200	0	0
2000	.90	1100	1100	1000	800	700	600	500	400	200	0	0	0
	.50	800	800	700	500	400	300	200	100	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	1900	1800	1800	1800	1600	1400	1400	1400	900	800	600	400
	.50	1200	1100	800	800	700	600	500	500	200	0	0	0
	.10	700	600	400	300	200	0	0	0	0	0	0	0
	.90	3900	3900	3900	3900	3800	3600	3600	3500	2700	2600	2000	1900
	.50	2800	2800	2800	2800	2700	2500	2500	2500	1700	1500	1000	900
	.10	1200	1100	1100	1100	1100	900	700	700	400	200	0	0
2100	.90	1100	1100	1000	1000	700	700	600	500	300	0	0	0
	.50	800	800	800	700	400	300	200	200	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1900	1900	1900	1900	1600	1500	1400	1400	1100	800	700	500
	.50	1300	1100	1100	900	800	700	600	500	300	0	0	0
	.10	800	600	600	400	300	0	0	0	0	0	0	0
	.90	4000	4000	3900	3900	3800	3600	3600	3600	2700	2600	2000	2000
	.50	2900	2900	2800	2800	2700	2500	2500	2500	1700	1600	1000	900
	.10	1200	1100	1100	1100	1100	1000	900	700	500	300	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1400	1100	1100	1000	700	700	600	600	400	100	0	0
	.50	1100	800	700	700	400	300	300	200	0	0	0	0
	.10	600	400	300	200	0	0	0	0	0	0	0	0
	.90	1900	1900	1900	1900	1800	1600	1500	1500	1100	800	700	600
	.50	1300	1200	1100	900	900	800	700	600	300	100	0	0
	.10	800	700	600	400	300	100	0	0	0	0	0	0
	.90	4100	4100	4000	3900	3900	3700	3600	3600	2800	2600	2000	2000
	.50	3000	3000	2900	2800	2800	2600	2500	2500	1800	1600	1200	1000
	.10	1200	1200	1100	1100	1100	1000	900	800	600	300	100	0
2300	.90	1400	1100	1100	1000	900	700	700	600	400	100	0	0
	.50	1100	800	800	700	500	400	300	200	0	0	0	0
	.10	600	400	300	300	100	0	0	0	0	0	0	0
	.90	2500	2500	1900	1900	1900	1600	1600	1500	1200	900	800	700
	.50	1600	1400	1200	1100	900	800	800	700	400	200	0	0
	.10	1100	800	700	600	400	200	0	0	0	0	0	0
	.90	4200	4200	4100	4000	3900	3800	3600	3600	2800	2700	2100	2000
	.50	3100	3100	3000	2900	2800	2700	2500	2500	1800	1600	1400	1000
	.10	1300	1300	1200	1100	1100	1100	1000	900	700	300	200	0
2400	.90	1500	1400	1100	1100	1000	800	700	700	400	200	0	0
	.50	1200	1100	800	800	500	400	300	300	0	0	0	0
	.10	700	600	300	300	100	0	0	0	0	0	0	0
	.90	2500	2500	1900	1900	1900	1900	1600	1600	1400	900	800	700
	.50	1600	1400	1300	1200	900	900	800	800	500	200	0	0
	.10	1100	900	700	600	400	300	200	0	0	0	0	0
	.90	4300	4300	4200	4100	3900	3800	3700	3600	3300	2700	2300	2000
	.50	3200	3200	3100	3000	2900	2700	2600	2500	2200	1600	1500	1000
	.10	1600	1400	1300	1200	1100	1100	1000	1000	700	400	200	0
2500	.90	1500	1400	1100	1100	1000	800	800	800	500	300	100	0
	.50	1200	1100	800	800	700	400	400	300	0	0	0	0
	.10	700	600	400	300	200	0	0	0	0	0	0	0
	.90	2500	2500	2500	1900	1900	1900	1800	1600	1400	1100	800	800
	.50	1600	1400	1400	1300	1100	900	900	800	600	300	100	0
	.10	1100	900	800	700	500	300	200	100	0	0	0	0
	.90	4400	4400	4300	4200	3900	3900	3700	3600	3500	2700	2600	2000
	.50	3300	3300	3200	3100	2800	2800	2600	2500	2400	1700	1500	1100
	.10	1700	1600	1400	1300	1100	1100	1100	1000	700	400	300	0

PAGE 214  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1600	1400	1400	1100	1100	1000	800	800	600	400	100	0
	.50	1300	1100	1100	800	800	500	400	400	0	0	0	0
	.10	800	700	600	400	300	100	0	0	0	0	0	0
	.90	2600	2600	2500	1900	1900	1900	1900	1800	1500	1200	900	800
	.50	1600	1600	1400	1400	1200	900	900	900	600	300	200	0
	.10	1100	1100	800	700	600	400	300	200	0	0	0	0
	.90	4700	4700	4400	4300	4000	3900	3800	3700	3500	2700	2600	2100
	.50	3600	3600	3300	3200	2900	2800	2700	2600	2500	1700	1600	1200
	.10	1800	1800	1600	1500	1200	1100	1100	1100	700	500	300	100
2700	.90	1600	1500	1400	1300	1100	1100	900	800	700	400	200	100
	.50	1300	1200	1100	900	800	600	500	400	100	0	0	0
	.10	800	800	600	500	300	200	0	0	0	0	0	0
	.90	2600	2600	2500	2500	1900	1900	1900	1900	1500	1200	1000	800
	.50	1600	1600	1500	1400	1200	1000	900	900	700	400	200	0
	.10	1100	1100	900	800	600	400	300	200	0	0	0	0
	.90	4700	4700	4700	4500	4200	3900	3900	3700	3500	2700	2600	2100
	.50	3600	3600	3600	3400	3100	2800	2800	2600	2500	1700	1600	1400
	.10	1800	1800	1800	1700	1400	1100	1100	1100	800	500	300	200
2800	.90	1900	1600	1400	1400	1200	1100	1000	900	700	400	300	100
	.50	1600	1300	1100	1100	800	700	500	400	100	0	0	0
	.10	1100	800	700	600	400	200	100	0	0	0	0	0
	.90	2600	2600	2600	2500	2000	1900	1900	1900	1600	1400	1100	900
	.50	1600	1600	1500	1400	1300	1100	900	900	800	500	300	100
	.10	1100	1100	900	800	700	500	400	300	0	0	0	0
	.90	4800	4800	4700	4700	4300	4000	3900	3800	3500	2700	2600	2100
	.50	3700	3700	3600	3600	3200	2900	2800	2700	2500	1700	1600	1400
	.10	1900	1900	1800	1800	1500	1200	1100	1100	900	600	300	200
2900	.90	1900	1700	1500	1500	1300	1100	1100	1000	800	500	400	200
	.50	1600	1400	1200	1100	900	800	600	500	200	0	0	0
	.10	1100	900	700	700	400	300	200	0	0	0	0	0
	.90	3500	2600	2600	2500	2000	2000	1900	1900	1600	1400	1100	900
	.50	2400	1700	1500	1500	1400	1200	1000	1000	800	600	300	200
	.10	1200	1100	900	900	700	600	400	300	0	0	0	0
	.90	4800	4800	4700	4700	4500	4000	3900	3900	3500	2800	2700	2300
	.50	3700	3700	3700	3600	3400	2900	2800	2800	2500	1700	1600	1500
	.10	1900	1900	1900	1800	1700	1400	1200	1100	1000	700	400	200

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1900	1700	1500	1500	1400	1200	1100	1100	800	600	400	300
	.50	1600	1400	1200	1200	1000	800	700	600	200	0	0	0
	.10	1100	900	800	700	600	300	200	100	0	0	0	0
	.90	3500	3500	2600	2600	2500	2000	2000	1900	1800	1500	1200	1000
	.50	2400	2400	1600	1500	1400	1300	1200	1000	900	600	400	300
	.10	1200	1100	1000	900	700	600	500	400	0	0	0	0
	.90	4900	4900	4800	4800	4700	4200	4000	3900	3500	2800	2700	2500
	.50	3800	3800	3700	3700	3600	3100	2900	2800	2500	1800	1700	1600
	.10	2200	2000	1900	1900	1800	1500	1300	1100	1000	700	400	300
3100	.90	1900	1900	1600	1500	1500	1400	1200	1100	800	700	400	300
	.50	1600	1600	1300	1200	1100	800	800	700	300	0	0	0
	.10	1100	1100	800	700	600	400	300	200	0	0	0	0
	.90	3500	3500	3500	2600	2500	2000	2000	2000	1900	1500	1300	1100
	.50	2400	2400	2400	1600	1500	1400	1300	1200	900	700	500	300
	.10	1600	1200	1100	900	800	600	500	400	100	0	0	0
	.90	5000	5000	4900	4800	4700	4400	4000	3900	3600	2800	2700	2600
	.50	3900	3900	3800	3700	3600	3300	2900	2800	2500	1800	1700	1600
	.10	2200	2100	2000	1900	1800	1700	1400	1200	1100	700	500	300
3200	.90	1900	1900	1700	1600	1500	1400	1300	1200	900	800	500	400
	.50	1600	1600	1400	1200	1100	900	800	700	400	0	0	0
	.10	1100	1100	900	800	700	400	300	200	0	0	0	0
	.90	3500	3500	3500	3500	2600	2500	2000	2000	1900	1600	1400	1200
	.50	2400	2400	2400	2400	1600	1500	1400	1300	900	800	600	400
	.10	1700	1600	1100	1000	800	700	600	500	100	0	0	0
	.90	5200	5100	5100	5000	4800	4600	4100	4000	3600	2800	2700	2600
	.50	4100	4000	4000	3900	3700	3500	3000	2900	2500	1900	1700	1600
	.10	2300	2200	2200	2100	1900	1800	1600	1300	1100	700	500	300
3300	.90	2000	1900	1700	1600	1500	1400	1400	1300	1000	800	600	400
	.50	1600	1600	1400	1300	1200	900	800	800	400	100	0	0
	.10	1100	1100	900	800	700	500	400	300	0	0	0	0
	.90	3500	3500	3500	3500	2600	2600	2500	2000	1900	1600	1500	1200
	.50	2400	2400	2400	2400	1600	1500	1500	1400	1000	800	600	400
	.10	1800	1700	1200	1100	900	700	600	600	200	0	0	0
	.90	5300	5200	5200	5100	4800	4700	4200	4000	3600	2800	2700	2600
	.50	4200	4100	4100	4000	3700	3600	3100	2900	2500	1900	1700	1600
	.10	2400	2300	2300	2200	1900	1800	1700	1500	1100	800	500	300

PAGE 216  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2000	1900	1700	1600	1600	1500	1400	1400	1100	800	700	500
	.50	1700	1600	1400	1300	1200	1000	900	800	500	100	0	0
	.10	1300	1100	900	900	700	600	400	300	0	0	0	0
	.90	3600	3500	3500	3500	2600	2600	2600	2500	1900	1700	1500	1400
	.50	2500	2400	2400	2400	1700	1600	1500	1500	1100	800	700	500
	.10	1800	1700	1300	1200	900	800	700	600	200	0	0	0
	.90	5300	5300	5200	5200	4900	4800	4400	4000	3600	2900	2800	2700
	.50	4200	4200	4100	4100	3800	3700	3300	2900	2500	1900	1700	1700
	.10	2400	2400	2300	2300	2100	1900	1800	1600	1100	900	500	400
3500	.90	2200	2000	1900	1800	1600	1500	1500	1400	1100	800	700	500
	.50	2000	1600	1400	1400	1200	1100	900	800	500	200	0	0
	.10	1600	1100	1100	900	700	600	400	300	0	0	0	0
	.90	3600	3600	3500	3500	2600	2600	2600	2600	2000	1800	1600	1400
	.50	2500	2500	2400	2400	2100	1600	1600	1500	1200	900	800	600
	.10	1800	1800	1500	1300	1100	800	700	700	300	0	0	0
	.90	5400	5400	5300	5300	5000	4800	4700	4200	3600	2900	2800	2700
	.50	4300	4300	4200	4200	3900	3700	3600	3100	2500	1900	1700	1700
	.10	2500	2500	2400	2400	2200	1900	1800	1700	1100	900	600	400
3600	.90	2300	2200	1900	1900	1800	1600	1500	1500	1200	900	800	600
	.50	2100	2000	1600	1400	1200	1100	1000	900	600	300	0	0
	.10	1700	1600	1100	900	800	700	500	400	0	0	0	0
	.90	3600	3600	3600	3500	3500	2600	2600	2600	2000	1900	1600	1500
	.50	2500	2500	2500	2400	2400	1700	1600	1600	1300	900	800	600
	.10	1800	1800	1700	1400	1100	900	700	700	300	0	0	0
	.90	5500	5500	5400	5300	5200	4800	4700	4400	3600	2900	2800	2700
	.50	4400	4400	4300	4200	4100	3700	3600	3300	2600	2200	1800	1700
	.10	2700	2600	2600	2500	2300	2000	1900	1800	1100	1000	600	400
3700	.90	2400	2300	2000	1900	1900	1700	1600	1500	1300	1000	800	700
	.50	2200	2100	1600	1500	1400	1200	1100	900	700	300	0	0
	.10	1800	1700	1100	1100	900	700	600	500	0	0	0	0
	.90	3600	3600	3600	3600	3500	2600	2600	2600	2000	1900	1700	1500
	.50	2600	2500	2500	2500	2400	1800	1600	1600	1400	900	800	700
	.10	2200	1800	1700	1500	1200	900	800	700	400	0	0	0
	.90	5600	5600	5500	5400	5300	4900	4800	4600	3600	3100	2800	2700
	.50	4500	4500	4400	4300	4200	3800	3700	3500	2700	2400	1800	1700
	.10	2900	2800	2700	2600	2400	2200	1900	1900	1200	1000	700	400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3300	.90	2400	2300	2000	1900	1900	1800	1700	1600	1400	1100	800	800
	.50	2200	2100	1700	1600	1400	1200	1200	1100	700	400	100	0
	.10	1800	1700	1300	1100	900	700	700	600	100	0	0	0
	.90	3600	3600	3600	3600	3500	2700	2600	2600	2100	1900	1800	1600
	.50	2600	2500	2500	2500	2400	1800	1700	1600	1500	1000	800	700
	.10	2200	1800	1700	1600	1200	1000	800	700	400	100	0	0
	.90	5700	5700	5600	5500	5300	5000	4800	4700	3800	3400	2800	2800
	.50	4600	4600	4500	4400	4200	3900	3700	3600	2700	2500	1800	1700
	.10	3000	2900	2800	2700	2500	2300	2000	1900	1200	1000	700	500
3900	.90	2500	2500	2300	2000	1900	1900	1800	1700	1400	1100	900	800
	.50	2200	2200	1900	1700	1400	1300	1200	1100	800	400	200	0
	.10	1800	1800	1500	1200	1000	800	700	600	100	0	0	0
	.90	3600	3600	3600	3600	3500	2800	2700	2600	2400	1900	1800	1600
	.50	2700	2600	2500	2500	2400	2000	1800	1700	1500	1000	900	800
	.10	2300	2200	1800	1700	1300	1000	900	800	500	200	0	0
	.90	5800	5800	5700	5600	5300	5200	4800	4800	3900	3500	2800	2800
	.50	4700	4700	4600	4500	4200	4100	3700	3700	2800	2500	1800	1800
	.10	3000	2900	2800	2800	2600	2400	2200	1900	1300	1100	700	500
4000	.90	2500	2500	2400	2200	2000	1900	1900	1800	1500	1200	900	800
	.50	2200	2200	2100	1800	1600	1400	1200	1200	800	500	300	0
	.10	1800	1800	1700	1400	1100	900	700	700	200	0	0	0
	.90	3600	3600	3600	3600	3500	2800	2700	2700	2600	2000	1900	1700
	.50	2700	2700	2500	2500	2400	2100	1800	1700	1600	1200	900	800
	.10	2300	2300	1800	1700	1300	1100	900	800	500	200	0	0
	.90	5900	5900	5800	5700	5400	5300	4900	4800	3900	3500	2800	2800
	.50	4800	4800	4700	4600	4300	4200	3800	3700	2800	2500	1800	1800
	.10	3000	3000	2900	2800	2600	2400	2300	2000	1400	1100	800	500
4100	.90	2800	2500	2500	2300	2000	1900	1900	1900	1500	1300	1100	800
	.50	2600	2200	2100	1900	1500	1400	1300	1200	900	500	300	100
	.10	2200	1800	1700	1500	1200	900	800	700	200	0	0	0
	.90	3600	3600	3600	3600	3500	2800	2700	2700	2600	2000	1900	1800
	.50	2700	2700	2500	2500	2500	2200	1800	1700	1600	1300	900	900
	.10	2300	2300	1800	1700	1400	1100	900	900	600	200	0	0
	.90	6000	6000	5900	5800	5500	5300	5100	4800	3900	3500	2900	2800
	.50	4900	4900	4800	4700	4400	4200	4000	3700	2900	2500	1900	1800
	.10	3100	3100	3000	2900	2700	2400	2400	2100	1500	1100	900	500

PAGE 218  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2800	2600	2500	2400	2100	1900	1900	1900	1600	1400	1100	900
	.50	2600	2200	2100	2000	1700	1400	1400	1200	900	600	300	200
	.10	2200	1800	1700	1600	1200	900	800	700	300	0	0	0
	.90	3600	3600	3600	3600	3500	2900	2800	2700	2600	2000	1900	1800
	.50	2700	2700	2500	2500	2500	2300	1900	1800	1600	1400	1000	900
	.10	2300	2300	1800	1800	1500	1100	1000	900	600	300	0	0
	.90	6100	6100	6000	5900	5600	5300	5200	4900	4000	3500	2900	2800
	.50	5000	5000	4900	4800	4500	4200	4100	3800	2900	2500	1900	1800
	.10	3200	3200	3100	3000	2800	2500	2400	2300	1600	1100	900	600
4300	.90	2900	2800	2500	2500	2200	2000	1900	1900	1700	1400	1200	1000
	.50	2700	2600	2200	2100	1700	1500	1400	1300	900	700	400	200
	.10	2300	2200	1800	1700	1300	1000	800	700	300	0	0	0
	.90	3700	3600	3600	3600	3600	3500	2800	2800	2600	2000	2000	1900
	.50	3000	2700	2500	2500	2500	2400	2200	1800	1600	1400	1000	900
	.10	2600	2300	2000	1800	1600	1200	1100	1000	600	300	0	0
	.90	6200	6200	6100	6000	5700	5400	5300	5000	4000	3500	2900	2800
	.50	5100	5100	5000	4900	4600	4300	4200	3900	2900	2500	1900	1800
	.10	3300	3300	3200	3100	2900	2600	2400	2300	1800	1100	1000	600
4400	.90	2900	2900	2600	2500	2300	2000	2000	1900	1800	1500	1300	1100
	.50	2700	2700	2200	2100	1800	1600	1400	1400	900	700	400	300
	.10	2300	2300	1800	1700	1300	1100	900	800	300	0	0	0
	.90	3800	3700	3600	3600	3600	3500	3400	2800	2700	2200	2000	1900
	.50	3000	2900	2700	2600	2500	2500	2400	2200	1700	1500	1100	900
	.10	2600	2400	2300	2000	1700	1300	1100	1000	700	300	100	0
	.90	6300	6300	6200	6100	5800	5400	5300	5200	4000	3500	3000	2800
	.50	5200	5200	5100	5000	4700	4300	4200	4100	2900	2500	2100	1800
	.10	3400	3400	3300	3200	3000	2600	2500	2400	1800	1100	1000	700
4500	.90	3500	2900	2600	2600	2500	2100	2000	2000	1900	1500	1400	1100
	.50	2700	2700	2200	2200	1800	1600	1400	1400	1000	800	500	300
	.10	2300	2300	1800	1700	1400	1100	900	800	400	0	0	0
	.90	3800	3800	3800	3700	3600	3500	3500	3200	2700	2500	2000	1900
	.50	3200	3100	2900	2700	2500	2500	2500	2400	1700	1600	1200	1000
	.10	2700	2600	2400	2300	1800	1300	1200	1100	700	400	200	0
	.90	6400	6400	6300	6200	6000	5500	5400	5300	4000	3500	3000	2800
	.50	5300	5300	5200	5100	4900	4400	4300	4200	3000	2500	2300	1800
	.10	3500	3500	3400	3300	3100	2700	2500	2400	1800	1200	1000	700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4500	.90	3500	2900	2600	2500	2400	2100	2000	1900	1600	1400	1200	
	.50	2700	2400	2200	2000	1600	1500	1400	1100	800	600	400	
	.10	2300	1800	1800	1400	1100	900	800	400	0	0	0	
	.90	3900	3800	3800	3600	3600	3500	3500	2700	2600	2000	2000	
	.50	3400	3300	2800	2700	2500	2500	2500	1700	1600	1400	1000	
	.10	2900	2800	2300	1900	1400	1200	1100	700	400	200	0	
	.90	6500	6400	6300	6100	5800	5400	5300	4200	3600	3100	2800	
	.50	5400	5300	5200	5000	4700	4300	4200	3200	2600	2400	1900	
	.10	3600	3500	3400	3200	2900	2600	2500	1900	1200	1100	700	
4700	.90	3500	3500	2800	2600	2500	2300	2100	1900	1600	1500	1300	
	.50	3000	2400	2400	2100	1700	1600	1500	1200	800	700	400	
	.10	2600	1900	1800	1500	1200	1000	900	400	0	0	0	
	.90	3900	3800	3800	3700	3600	3600	3500	2700	2600	2100	2000	
	.50	3500	3400	2900	2700	2500	2500	2500	1800	1600	1400	1000	
	.10	3000	2900	2400	1900	1600	1300	1100	800	500	300	0	
	.90	6600	6600	6500	6200	6100	5800	5400	4700	3600	3300	2900	
	.50	5500	5500	5400	5100	5000	4700	4300	3600	2600	2500	1900	
	.10	3700	3700	3600	3300	3200	2900	2600	1900	1200	1100	900	
4800	.90	3500	3500	3500	2600	2600	2500	2400	1900	1700	1500	1400	
	.50	3000	2700	2400	2200	1800	1600	1600	1200	900	700	500	
	.10	2600	2300	1900	1700	1200	1100	900	500	0	0	0	
	.90	3900	3900	3900	3800	3600	3600	3500	2800	2600	2100	2000	
	.50	3500	3400	3000	2800	2600	2500	2500	1900	1600	1500	1200	
	.10	3000	2900	2500	1900	1700	1300	1200	900	500	300	100	
	.90	6800	6700	6600	6300	6100	6100	5800	4800	3600	3500	2900	
	.50	5700	5600	5500	5200	5000	5000	4700	3700	2700	2500	1900	
	.10	3900	3800	3700	3400	3200	3200	2900	2000	1300	1100	900	
4900	.90	3500	3500	3500	2300	2600	2600	2500	2000	1800	1600	1400	
	.50	3100	2900	2600	2400	1900	1700	1600	1300	900	800	600	
	.10	2700	2400	2100	1800	1300	1100	900	500	0	0	0	
	.90	4000	3900	3900	3800	3600	3600	3600	2900	2700	2300	2000	
	.50	3500	3400	3000	2800	2700	2500	2500	2200	1700	1600	1300	
	.10	3000	2900	2500	2000	1700	1300	1200	900	600	300	200	
	.90	6900	6900	6700	6400	6200	6100	6100	4900	3800	3500	2900	
	.50	5800	5800	5600	5300	5100	5000	5000	3800	2800	2500	2000	
	.10	4000	4000	3800	3500	3300	3200	3200	2200	1500	1100	1000	

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3600	3500	3500	3500	3100	2600	2600	2600	2000	1900	1600	1500
	.50	3200	3100	2900	2700	2400	2200	1800	1600	1400	1000	800	600
	.10	2700	2600	2400	2300	1900	1400	1100	1000	600	100	0	0
	.90	4100	4100	4000	3900	3900	3700	3600	3600	3000	2700	2500	2100
	.50	3500	3400	3200	3100	2800	2700	2600	2500	2400	1700	1600	1400
	.10	3000	2900	2700	2600	2100	1800	1500	1200	1000	700	400	200
	.90	7000	7000	6900	6800	6500	6200	6200	6100	5200	3900	3500	3000
	.50	5900	5900	5800	5700	5400	5100	5100	5000	4100	2800	2500	2300
	.10	4100	4100	4000	3900	3600	3300	3300	3200	2400	1600	1200	1100
5100	.90	3700	3600	3600	3500	3500	2700	2600	2600	2000	1900	1700	1500
	.50	3400	3300	3100	2900	2400	2300	1900	1700	1500	1000	800	700
	.10	2900	2800	2700	2400	1900	1500	1200	1000	600	200	0	0
	.90	4200	4200	4100	4000	3900	3800	3600	3600	3500	2700	2600	2100
	.50	3500	3400	3200	3100	2900	2800	2700	2500	2500	1700	1600	1400
	.10	3000	2900	2700	2600	2200	1800	1600	1300	1000	700	400	300
	.90	7200	7100	7100	7000	6700	6300	6200	6200	5400	4000	3500	3100
	.50	6100	6000	6000	5900	5500	5200	5100	5100	4300	2900	2600	2400
	.10	4300	4200	4200	4100	3800	3400	3300	3300	2500	1800	1200	1100
5200	.90	3800	3700	3600	3600	3500	2800	2600	2600	2200	1900	1800	1600
	.50	3500	3400	3100	3000	2500	2400	2100	1800	1500	1100	900	800
	.10	3000	2900	2700	2500	1900	1700	1300	1100	600	200	0	0
	.90	4300	4300	4200	4100	3900	3800	3700	3600	3500	2700	2600	2100
	.50	3500	3400	3200	3100	2900	2800	2700	2600	2500	1700	1600	1500
	.10	3000	2900	2800	2600	2300	1800	1700	1300	1100	700	500	300
	.90	7500	7400	7400	7300	7000	6800	6300	6200	5600	4100	3600	3400
	.50	6400	6300	6300	6200	5900	5700	5200	5100	4500	3100	2600	2500
	.10	4600	4500	4500	4400	4100	3900	3400	3300	2800	1800	1200	1100
5300	.90	3800	3700	3600	3600	3500	2900	2700	2600	2400	2000	1900	1600
	.50	3500	3400	3200	3000	2500	2400	2200	1900	1600	1200	900	800
	.10	3000	2900	2700	2500	2000	1700	1300	1100	700	300	0	0
	.90	4400	4400	4300	4200	3900	3900	3700	3600	3500	2700	2600	2300
	.50	3500	3400	3200	3200	3000	2800	2800	2700	2500	1800	1700	1600
	.10	3000	2900	2700	2600	2300	1800	1700	1300	1100	700	500	300
	.90	7800	7700	7700	7600	7300	7000	6900	6500	6100	4700	3700	3500
	.50	6700	6600	6600	6500	6200	5900	5800	5400	5000	3600	2800	2500
	.10	4900	4800	4800	4700	4400	4100	4000	3600	3200	1900	1400	1100

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	3700	3600	3600	3500	3000	2800	2700	2500	2000	1900	1700
	.50	3500	3400	3200	3000	2600	2400	2300	1900	1600	1300	900	800
	.10	3000	2900	2700	2600	2100	1800	1300	1200	700	300	0	0
	.90	4700	4700	4400	4300	4000	3900	3800	3700	3500	2700	2700	2400
	.50	3600	3600	3300	3300	3100	2800	2800	2700	2500	1800	1700	1600
	.10	3000	2800	2700	2600	2300	1900	1800	1500	1100	800	500	300
	.90	8100	8100	8000	7900	7600	7200	7000	7000	6200	4800	3900	3500
	.50	7000	7000	6900	6800	6500	6100	5900	5900	5100	3700	2900	2600
	.10	5200	5200	5100	5000	4700	4300	4100	4100	3300	2300	1600	1200
5500	.90	3800	3700	3600	3600	3500	3200	2800	2700	2600	2000	1900	1800
	.50	3500	3400	3200	3100	2700	2400	2300	2100	1600	1400	1000	900
	.10	3000	2900	2700	2600	2200	1800	1400	1200	700	300	100	0
	.90	4700	4700	4700	4500	4200	3900	3900	3700	3500	2800	2700	2500
	.50	3600	3600	3600	3400	3200	2900	2800	2800	2500	1900	1700	1600
	.10	3000	2800	2700	2600	2300	1900	1800	1600	1100	800	600	400
	.90	8400	8400	8300	8200	7900	7500	7000	7000	6200	5300	4000	3600
	.50	7300	7300	7200	7100	6800	6400	5900	5900	5100	4200	3000	2600
	.10	5500	5500	5400	5300	5000	4600	4100	4100	3300	2500	1800	1200
5600	.90	3800	3700	3600	3600	3500	3300	2800	2700	2600	2000	1900	1900
	.50	3500	3400	3200	3100	2700	2500	2400	2200	1700	1400	1000	900
	.10	3000	2900	2700	2600	2300	1800	1600	1300	700	400	100	0
	.90	4800	4800	4700	4700	4300	4000	3900	3800	3500	2800	2700	2600
	.50	3700	3700	3600	3600	3300	3000	2800	2800	2500	1900	1700	1600
	.10	3000	3000	2700	2600	2300	1900	1800	1700	1100	900	600	400
	.90	8700	8700	8600	8500	8300	7800	7300	7000	6300	5400	4100	3600
	.50	7600	7600	7500	7400	7200	6700	6200	5900	5200	4300	3100	2700
	.10	5800	5800	5700	5600	5400	4900	4400	4100	3400	2600	1900	1300
5700	.90	3800	3700	3600	3600	3600	3400	2900	2800	2600	2100	2000	1900
	.50	3500	3400	3200	3100	2700	2500	2400	2200	1700	1500	1100	900
	.10	3000	2900	2800	2700	2300	1900	1600	1300	800	400	200	0
	.90	4800	4800	4800	4700	4500	4000	3900	3900	3500	2800	2700	2600
	.50	3700	3700	3700	3600	3400	3100	2900	2800	2500	2100	1700	1600
	.10	3000	3000	2700	2600	2300	1900	1800	1800	1200	1000	700	400
	.90	9100	9100	9000	8900	8600	8100	7700	7200	6300	6100	4500	3800
	.50	8000	8000	7900	7800	7500	7000	6600	6100	5200	5000	3500	2800
	.10	6200	6200	6100	6000	5700	5200	4800	4300	3400	3200	2000	1500

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3800	3700	3600	3600	3600	3500	3100	2800	2700	2300	2000	1900
	.50	3500	3400	3200	3100	2700	2500	2400	2300	1700	1600	1200	1000
	.10	3000	2900	2700	2600	2300	1900	1700	1300	800	400	200	0
	.90	4900	4900	4800	4800	4700	4200	4000	3900	3600	2900	2700	2600
	.50	4300	3800	3700	3700	3600	3200	2900	2800	2500	2300	1800	1700
	.10	3800	3000	2700	2600	2400	2000	1900	1800	1200	1000	700	500
	.90	9400	9400	9300	9200	8900	8500	8000	7500	6900	6200	4800	4000
	.50	8300	8300	8200	8100	7800	7400	6900	6400	5800	5100	3700	2900
	.10	6500	6500	6400	6300	6000	5600	5100	4600	4000	3300	2300	1700
5900	.90	3800	3600	3600	3600	3600	3500	3300	3000	2700	2400	2000	1900
	.50	3500	3300	3200	3100	2800	2500	2500	2400	1700	1600	1300	1000
	.10	3000	2800	2700	2600	2300	1900	1700	1300	900	500	300	0
	.90	5000	5000	4900	4800	4700	4400	4000	3900	3600	2900	2800	2700
	.50	4300	3900	3800	3700	3600	3300	3000	2900	2500	2400	1800	1700
	.10	3800	3000	2800	2700	2400	2000	1900	1800	1200	1000	700	500
	.90	9800	9800	9700	9600	9300	8800	8400	7900	7000	6200	5100	4100
	.50	8700	8700	8600	8500	8200	7700	7300	6800	5900	5100	4100	3000
	.10	6900	6900	6800	6700	6400	5900	5500	5000	4100	3300	2500	1800
6000	.90	3800	3800	3600	3600	3600	3500	3500	3200	2700	2500	2000	2000
	.50	3500	3300	3200	3100	2800	2500	2500	2400	1800	1600	1400	1000
	.10	3000	3000	2700	2600	2300	1900	1800	1400	900	500	300	0
	.90	5200	5100	5100	5000	4800	4600	4100	4000	3600	3000	2800	2700
	.50	4300	4000	4000	3900	3700	3500	3100	2900	2600	2400	1800	1700
	.10	3800	3000	2800	2700	2400	2100	1900	1900	1300	1100	700	500
	.90	10200	10100	10100	10000	9700	9200	8700	8300	7000	6200	5400	4100
	.50	9100	9000	9000	8900	8600	8100	7600	7200	5900	5100	4300	3200
	.10	7300	7200	7200	7100	6800	6300	5800	5400	4100	3300	2700	1900
6100	.90	3800	3800	3800	3700	3600	3500	3500	3400	2700	2600	2100	2000
	.50	3500	3300	3100	3100	2800	2600	2500	2500	1800	1600	1500	1100
	.10	3000	3000	2700	2600	2400	1900	1800	1500	1000	600	300	100
	.90	5300	5200	5200	5100	4800	4700	4200	4000	3600	3100	2800	2700
	.50	4300	4100	4100	4000	3700	3600	3200	3000	2600	2400	1800	1700
	.10	3800	3000	2800	2700	2400	2200	2000	1900	1300	1100	800	500
	.90	10500	10500	10400	10300	10100	9600	9100	8600	7000	6300	5900	4600
	.50	9400	9400	9300	9200	9000	8500	8000	7500	5900	5200	4800	3600
	.10	7600	7600	7500	7400	7200	6700	6200	5700	4100	3400	3100	2000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3900	3800	3800	3800	3600	3600	3500	3500	2700	2600	2100	2000
	.50	3500	3300	3200	3100	2800	2700	2500	2500	1900	1700	1500	1200
	.10	3000	3000	2800	2600	2400	2000	1800	1600	1000	600	400	200
	.90	5300	5300	5200	5200	4900	4800	4400	4000	3600	3200	2800	2700
	.50	4300	4200	4100	4100	3800	3700	3400	3100	2700	2400	1800	1700
	.10	3800	3000	2800	2800	2500	2300	2100	1900	1400	1100	900	500
	.90	10900	10900	10800	10700	10400	10000	9500	9000	7100	6300	6100	4900
	.50	9800	9800	9700	9600	9300	8900	8400	7900	6000	5200	5000	3800
	.10	8000	8000	7900	7800	7500	7100	6600	6100	4200	3400	3300	2400
6300	.90	4600	3900	3800	3800	3700	3600	3600	3500	2800	2600	2300	2000
	.50	4300	3300	3200	3100	2800	2700	2600	2500	2200	1700	1600	1300
	.10	3800	3000	2800	2700	2400	2000	1800	1600	1100	700	400	200
	.90	5400	5400	5300	5300	5000	4800	4700	4200	3600	3300	2800	2800
	.50	4300	4300	4200	4200	3900	3700	3600	3200	2700	2500	1800	1800
	.10	3800	3000	2900	2800	2500	2400	2300	2000	1500	1100	900	500
	.90	11000	11000	11000	10900	10600	10100	9600	9100	7100	6300	6200	5000
	.50	9900	9900	9900	9800	9500	9000	8500	8000	6000	5200	5100	3900
	.10	8100	8100	8100	8000	7700	7200	6700	6200	4200	3400	3300	2500
6400	.90	4600	3900	3900	3900	3800	3600	3600	3500	2900	2700	2400	2100
	.50	4300	3500	3200	3100	2800	2700	2700	2500	2300	1700	1600	1400
	.10	3800	3000	2800	2700	2400	2000	1800	1700	1100	700	400	300
	.90	5500	5500	5400	5300	5200	4800	4700	4400	3600	3300	2800	2800
	.50	4400	4400	4300	4200	4100	3700	3600	3400	2800	2500	1900	1800
	.10	3800	3100	2900	2800	2700	2400	2300	2100	1600	1100	900	600
	.90	11100	11100	11100	11000	10700	10200	9700	9200	7100	6300	6200	5300
	.50	10000	10000	10000	9900	9600	9100	8500	8100	6000	5200	5100	4300
	.10	8200	8200	8200	8100	7800	7300	6800	6300	4200	3400	3300	2600
6500	.90	4600	4000	3900	3900	3800	3600	3600	3600	3100	2700	2500	2100
	.50	4300	3500	3200	3200	2900	2800	2700	2600	2400	1700	1600	1500
	.10	3800	3000	2800	2800	2400	2100	1800	1700	1100	700	500	300
	.90	5600	5600	5500	5400	5300	4900	4800	4600	3600	3400	2800	2800
	.50	4500	4500	4400	4300	4200	3800	3700	3600	2800	2500	1900	1800
	.10	3800	3200	3000	2900	2700	2500	2400	2300	1700	1100	1000	600
	.90	11200	11200	11100	11000	10800	10300	9800	9300	7100	6500	6200	5500
	.50	10100	10100	10000	9900	9700	9200	8700	8200	6000	5400	5100	4400
	.10	8300	8300	8200	8100	7900	7400	6900	6400	4200	3600	3400	2800

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPawning Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6600	.90	4600	4100	4000	3900	3900	3700	3600	3600	3300	2700	2600	2100
	.50	4300	3500	3200	3200	3000	2800	2700	2700	2500	1800	1600	1500
	.10	3800	3000	2800	2800	2500	2200	1900	1800	1100	800	500	300
	.90	5700	5700	5600	5500	5300	5000	4800	4700	3800	3500	2900	2800
	.50	4600	4600	4500	4400	4200	3900	3700	3600	2900	2500	1900	1800
	.10	3800	3300	3000	3000	2800	2600	2400	2400	1800	1200	1000	700
	.90	11300	11300	11200	11100	10800	10400	9900	9400	7100	6900	6300	5700
	.50	10200	10200	10100	10000	9700	9300	8800	8300	6000	5800	5200	4600
	.10	8400	8400	8300	8200	7900	7500	7000	6500	4200	4000	3400	3100
6700	.90	4600	4200	4100	4000	3900	3800	3600	3600	3500	2700	2600	2300
	.50	4300	3500	3300	3200	3000	2800	2800	2700	2500	1800	1700	1600
	.10	3800	3000	2900	2800	2600	2300	1900	1800	1200	900	600	300
	.90	5800	5800	5700	5600	5300	5200	4800	4800	3900	3500	2900	2800
	.50	4700	4700	4600	4500	4200	4100	3700	3700	2900	2500	2000	1800
	.10	3800	3400	3100	3000	2800	2700	2500	2400	1800	1200	1000	700
	.90	11400	11400	11300	11200	10900	10400	10000	9500	7100	7000	6300	6100
	.50	10300	10300	10200	10100	9800	9300	8900	8400	6000	5900	5200	5000
	.10	8500	8500	8400	8300	8000	7500	7100	6600	4200	4100	3400	3200
6800	.90	4600	4300	4200	4100	3900	3800	3700	3600	3500	2700	2600	2400
	.50	4300	3500	3300	3200	3100	2900	2800	2700	2500	1900	1700	1600
	.10	3800	3100	3000	2800	2700	2400	1900	1800	1200	900	600	400
	.90	5900	5900	5800	5700	5400	5300	4900	4800	3900	3500	2900	2800
	.50	4800	4800	4700	4600	4300	4200	3800	3700	2900	2500	2200	1800
	.10	4200	3500	3200	3100	2900	2800	2600	2400	1800	1200	1100	700
	.90	11400	11400	11300	11200	10900	10500	10000	9500	7100	7000	6300	6100
	.50	10300	10300	10200	10100	9800	9400	8900	8400	6000	5900	5200	5000
	.10	8500	8500	8400	8300	8000	7600	7100	6600	4200	4100	3400	3300
6900	.90	4600	4400	4300	4200	3900	3900	3700	3600	3500	2800	2700	2500
	.50	4300	3600	3300	3300	3200	3000	2800	2800	2500	1900	1700	1600
	.10	3800	3200	3000	2900	2700	2400	2000	1800	1200	1000	700	400
	.90	6000	6000	5900	5800	5500	5300	5100	4800	3900	3500	3000	2800
	.50	4900	4900	4800	4700	4400	4200	4000	3700	3000	2600	2400	1800
	.10	4200	3500	3400	3200	3000	2800	2600	2500	1900	1300	1100	800
	.90	11300	11200	11200	11100	10800	10300	9800	9400	7100	7000	6300	6200
	.50	10200	10100	10100	10000	9700	9200	8700	8300	6000	5900	5200	5100
	.10	8400	8300	8300	8200	7900	7400	6900	6500	4200	4100	3400	3300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
7000	.90	4700	4400	4300	4000	3900	3800	3700	3500	2800	2700	2600
	.50	4300	3600	3400	3300	3100	2900	2800	2500	2100	1700	1600
	.10	3800	3000	3000	2800	2500	2300	1800	1300	1000	700	500
	.90	6100	6000	5900	5600	5300	5200	4900	4000	3500	3100	2800
	.50	5000	4900	4800	4500	4200	4100	3800	3100	2600	2400	1900
	.10	4300	3600	3200	3000	2900	2700	2600	1900	1300	1100	900
	.90	11100	11000	11000	10700	10200	9700	9200	7100	7000	6300	6200
	.50	10000	9900	9900	9600	9100	8600	8100	6000	5900	5200	5100
	.10	8200	8200	8100	7800	7300	6800	6300	4200	4100	3400	3300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	500	400	400	400	300	100	0	0	0	0	0	0
	.50	500	400	400	400	300	0	0	0	0	0	0	0
	.10	200	100	100	100	0	0	0	0	0	0	0	0
	.90	1200	1200	1000	1000	800	700	500	400	300	100	0	0
	.50	900	800	700	600	400	400	300	300	0	0	0	0
	.10	600	500	300	200	100	0	0	0	0	0	0	0
	.90	3200	3200	3200	3200	3100	2500	2400	2300	2200	1600	1500	1300
	.50	2600	2600	2500	2600	2500	2000	1900	1800	1600	1100	900	800
	.10	1400	1400	1400	1400	1300	1000	900	800	500	200	0	0
1500	.90	500	500	400	400	300	200	100	0	0	0	0	0
	.50	500	500	400	400	300	100	0	0	0	0	0	0
	.10	300	200	100	100	0	0	0	0	0	0	0	0
	.90	1200	1200	1000	1000	900	800	700	500	400	200	0	0
	.50	900	800	700	700	500	400	400	300	0	0	0	0
	.10	600	500	400	300	100	0	0	0	0	0	0	0
	.90	3300	3200	3200	3200	3200	3000	2400	2400	2200	1600	1500	1300
	.50	2700	2600	2600	2600	2600	2400	1900	1900	1700	1100	1000	800
	.10	1700	1400	1400	1400	1400	1200	1000	900	600	200	100	0
1600	.90	700	500	500	400	400	200	100	0	0	0	0	0
	.50	700	500	500	400	300	200	0	0	0	0	0	0
	.10	500	200	200	100	0	0	0	0	0	0	0	0
	.90	1200	1200	1200	1200	1000	900	800	600	400	200	0	0
	.50	900	800	800	700	600	400	400	400	0	0	0	0
	.10	600	500	500	400	200	100	0	0	0	0	0	0
	.90	3400	3300	3200	3200	3200	3100	2500	2400	2300	1700	1600	1400
	.50	2800	2700	2700	2600	2600	2500	2000	1900	1700	1200	1000	900
	.10	1700	1700	1500	1400	1400	1300	1000	900	800	300	100	0
1700	.90	800	600	500	500	400	200	200	100	0	0	0	0
	.50	700	600	500	400	300	200	100	0	0	0	0	0
	.10	500	300	200	100	100	0	0	0	0	0	0	0
	.90	1300	1300	1200	1200	1000	900	800	800	400	300	100	0
	.50	1100	800	800	800	700	500	400	400	100	0	0	0
	.10	800	500	500	400	200	100	0	0	0	0	0	0
	.90	3400	3400	3400	3300	3200	3100	3000	2500	2300	1700	1600	1500
	.50	2800	2800	2800	2700	2600	2500	2400	2000	1800	1200	1000	900
	.10	1700	1700	1600	1600	1400	1300	1200	1000	800	400	200	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	900	800	600	500	400	300	200	100	0	0	0	0
	.50	900	700	500	500	400	300	100	0	0	0	0	0
	.10	600	400	200	200	100	0	0	0	0	0	0	0
	.90	1400	1300	1300	1200	1200	1000	900	900	500	300	200	0
	.50	1100	900	800	800	700	600	500	400	300	0	0	0
	.10	800	600	500	500	200	100	0	0	0	0	0	0
	.90	3500	3400	3400	3400	3200	3200	3100	2900	2300	1700	1600	1500
	.50	2900	2800	2800	2800	2700	2600	2500	2300	1800	1300	1100	1000
	.10	1700	1700	1700	1600	1500	1400	1300	1200	800	500	200	100
1900	.90	900	900	600	600	400	300	200	200	0	0	0	0
	.50	900	800	600	500	400	300	200	100	0	0	0	0
	.10	600	500	400	200	100	0	0	0	0	0	0	0
	.90	1400	1400	1300	1300	1200	1000	1000	900	500	400	200	100
	.50	1200	1100	800	800	800	700	500	500	300	0	0	0
	.10	900	800	500	500	300	200	100	0	0	0	0	0
	.90	3500	3500	3400	3400	3200	3200	3200	3100	2400	2100	1600	1600
	.50	2900	2900	2800	2800	2700	2600	2600	2500	1800	1600	1100	1000
	.10	1700	1700	1700	1700	1600	1400	1400	1300	900	500	300	100
2000	.90	900	900	800	600	500	400	300	200	0	0	0	0
	.50	900	800	700	600	400	300	300	100	0	0	0	0
	.10	600	500	400	300	100	0	0	0	0	0	0	0
	.90	1600	1500	1500	1400	1300	1200	1000	1000	600	400	300	100
	.50	1200	1100	1000	900	800	800	700	600	400	0	0	0
	.10	900	800	600	500	400	200	100	100	0	0	0	0
	.90	3500	3500	3500	3500	3400	3200	3200	3200	2400	2200	1700	1600
	.50	2900	2900	2900	2900	2800	2700	2600	2600	1900	1600	1200	1100
	.10	1700	1700	1700	1700	1700	1600	1400	1400	900	600	400	200
2100	.90	900	900	900	800	500	400	300	300	0	0	0	0
	.50	900	800	800	700	500	400	300	200	0	0	0	0
	.10	600	600	500	400	200	100	0	0	0	0	0	0
	.90	1600	1600	1600	1500	1300	1200	1100	1000	800	400	300	200
	.50	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.10	1000	800	800	600	500	200	200	100	0	0	0	0
	.90	3600	3600	3500	3500	3400	3200	3200	3200	2400	2300	1700	1600
	.50	3000	3000	2900	2900	2900	2700	2600	2600	1900	1700	1200	1100
	.10	1800	1800	1700	1700	1700	1600	1400	1400	1000	800	400	200

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM:  
 SPAWNING MONTH -- DECEMBER INCUBATION MONTH -- MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1200	900	900	800	500	500	400	300	100	0	0	0
	.50	1100	800	800	700	500	400	300	300	0	0	0	0
	.10	800	600	500	400	200	100	0	0	0	0	0	0
	.90	1600	1600	1600	1600	1500	1300	1200	1100	900	500	400	300
	.50	1300	1200	1100	1100	1100	800	800	800	400	200	0	0
	.10	1000	900	800	600	500	300	200	100	0	0	0	0
	.90	3700	3700	3600	3500	3500	3300	3200	3200	2500	2300	1700	1600
	.50	3100	3100	3000	2900	2900	2700	2700	2600	2000	1700	1300	1100
	.10	1900	1900	1800	1700	1700	1700	1600	1400	1000	800	500	300
2300	.90	1200	900	900	800	500	500	400	400	200	0	0	0
	.50	1100	900	800	800	600	400	400	300	0	0	0	0
	.10	800	600	500	500	300	100	100	0	0	0	0	0
	.90	2100	2100	1600	1600	1600	1400	1300	1200	900	500	400	300
	.50	1600	1500	1200	1100	1100	900	800	800	500	300	0	0
	.10	1300	1000	900	800	600	400	300	200	0	0	0	0
	.90	3800	3800	3700	3600	3500	3400	3200	3200	2500	2300	1800	1700
	.50	3200	3200	3100	3000	2900	2800	2700	2700	2000	1700	1500	1200
	.10	2000	2000	1900	1800	1700	1700	1700	1500	1100	800	500	400
2400	.90	1300	1200	900	900	800	600	500	400	200	0	0	0
	.50	1200	1100	800	800	600	500	400	300	0	0	0	0
	.10	900	800	500	500	300	200	100	0	0	0	0	0
	.90	2100	2100	1600	1600	1600	1500	1300	1300	1000	700	400	400
	.50	1600	1500	1400	1200	1100	1100	900	800	600	400	0	0
	.10	1300	1100	900	800	600	500	400	300	0	0	0	0
	.90	3900	3900	3800	3700	3500	3400	3300	3200	2900	2300	2100	1700
	.50	3300	3300	3200	3100	2900	2800	2700	2700	2300	1800	1600	1200
	.10	2100	2100	2000	1900	1700	1700	1700	1600	1300	900	600	400
2500	.90	1300	1200	900	900	800	600	500	500	300	0	0	0
	.50	1200	1100	900	800	700	500	400	400	0	0	0	0
	.10	900	800	600	500	400	200	100	100	0	0	0	0
	.90	2100	2100	2100	1600	1600	1600	1500	1300	1100	800	500	400
	.50	1600	1500	1500	1300	1100	1100	1100	900	700	400	200	0
	.10	1300	1100	1000	900	700	500	400	300	100	0	0	0
	.90	4000	4000	3900	3800	3500	3500	3300	3200	3100	2300	2200	1700
	.50	3400	3400	3300	3200	2900	2900	2700	2700	2500	1800	1600	1200
	.10	2200	2200	2100	2000	1700	1700	1700	1700	1300	900	700	500

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1400	1200	1200	900	900	800	500	500	300	0	0	0
	.50	1300	1100	1100	900	300	600	500	400	0	0	0	0
	.10	1000	900	800	600	500	300	200	100	0	0	0	0
	.90	2200	2200	2100	1700	1600	1600	1500	1500	1100	900	600	400
	.50	1600	1600	1500	1500	1200	1100	1100	1000	800	400	300	0
	.10	1300	1300	1000	900	800	600	500	400	100	0	0	0
	.90	4300	4300	4000	3900	3600	3500	3400	3300	3200	2400	2200	1700
	.50	3700	3700	3400	3300	3000	2900	2800	2700	2600	1900	1700	1300
	.10	2500	2500	2200	2100	1800	1700	1700	1700	1400	900	800	500
2700	.90	1400	1300	1200	1000	900	800	800	600	400	100	0	0
	.50	1300	1300	1100	1000	800	700	500	500	100	0	0	0
	.10	1000	1000	800	700	500	400	200	100	0	0	0	0
	.90	2200	2200	2100	2100	1600	1600	1600	1500	1200	900	700	500
	.50	1600	1600	1600	1500	1200	1100	1100	1100	800	500	400	0
	.10	1300	1300	1100	1000	900	600	500	400	100	0	0	0
	.90	4300	4300	4300	4100	3800	3500	3500	3300	3200	2400	2300	1800
	.50	3700	3700	3700	3500	3200	2900	2900	2700	2600	1900	1700	1400
	.10	2500	2500	2500	2300	2000	1700	1700	1700	1400	900	800	500
2800	.90	1700	1400	1200	1200	900	900	800	700	400	200	0	0
	.50	1600	1300	1200	1100	900	700	600	500	200	0	0	0
	.10	1300	1000	900	800	600	400	300	200	0	0	0	0
	.90	2200	2200	2200	2100	1700	1600	1600	1600	1300	1000	800	500
	.50	1600	1600	1600	1500	1300	1200	1100	1100	800	600	400	200
	.10	1300	1300	1100	1000	900	700	600	500	200	0	0	0
	.90	4400	4400	4300	4300	3900	3600	3500	3400	3200	2400	2300	1800
	.50	3800	3800	3700	3700	3300	3000	2900	2800	2600	1900	1700	1500
	.10	2600	2600	2500	2500	2100	1800	1700	1700	1400	1000	900	600
2900	.90	1700	1500	1300	1200	1100	900	900	800	400	300	0	0
	.50	1600	1400	1200	1100	900	800	700	600	300	0	0	0
	.10	1300	1100	900	900	600	500	400	200	0	0	0	0
	.90	3100	2200	2200	2100	1700	1600	1600	1600	1300	1100	900	600
	.50	2500	1700	1600	1600	1500	1200	1200	1100	900	700	400	300
	.10	1400	1300	1200	1100	900	800	600	500	200	0	0	0
	.90	4400	4400	4400	4300	4100	3600	3500	3500	3200	2400	2300	2100
	.50	3800	3800	3800	3700	3500	3000	2900	2900	2600	1900	1800	1600
	.10	2600	2600	2600	2500	2300	2000	1900	1900	1500	1100	900	700
2900	.90	1700	1500	1300	1200	1100	900	900	800	400	300	0	0
	.50	1600	1400	1200	1100	900	800	700	600	300	0	0	0
	.10	1300	1100	900	900	600	500	400	200	0	0	0	0
	.90	3100	2200	2200	2100	1700	1600	1600	1600	1300	1100	900	600
	.50	2500	1700	1600	1600	1500	1200	1200	1100	900	700	400	300
	.10	1400	1300	1200	1100	900	800	600	500	200	0	0	0
	.90	4400	4400	4400	4300	4100	3600	3500	3500	3200	2400	2300	2100
	.50	3800	3800	3800	3700	3500	3000	2900	2900	2600	1900	1800	1600
	.10	2600	2600	2600	2500	2300	2000	1900	1900	1500	1100	900	700

PAGE 230  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MARCH

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3000	.90	1700	1500	1300	1300	1200	1000	900	900	500	300	100	0
	.50	1600	1400	1300	1200	1100	800	700	700	300	0	0	0
	.10	1300	1100	1000	900	800	500	400	300	0	0	0	0
	.90	3100	3100	2200	2200	2100	1700	1600	1600	1500	1100	900	800
	.50	2500	2500	1700	1600	1500	1300	1200	1200	1000	800	500	400
	.10	1400	1300	1300	1100	900	900	700	600	300	0	0	0
	.90	4500	4500	4400	4400	4300	3800	3600	3500	3200	2400	2300	2200
	.50	3900	3900	3800	3800	3700	3200	3000	2900	2700	2000	1800	1700
	.10	2700	2700	2600	2600	2500	2000	1800	1700	1600	1100	900	800
3100	.90	1700	1700	1400	1300	1200	1100	1000	900	600	400	200	0
	.50	1600	1600	1300	1200	1100	900	800	700	400	0	0	0
	.10	1300	1300	1000	900	800	600	500	400	0	0	0	0
	.90	3100	3100	3100	2200	2200	1800	1700	1700	1500	1200	1000	900
	.50	2500	2500	2500	1700	1600	1500	1300	1200	1100	800	600	400
	.10	1800	1400	1300	1300	1000	900	800	700	400	100	0	0
	.90	4600	4600	4500	4400	4300	4000	3600	3500	3200	2500	2400	2200
	.50	4000	4000	3900	3800	3700	3400	3000	2900	2700	2000	1800	1700
	.10	2800	2800	2700	2600	2500	2200	1900	1800	1700	1200	900	800
3200	.90	1700	1700	1500	1300	1300	1200	1000	900	700	400	200	0
	.50	1600	1600	1400	1300	1100	900	800	800	400	0	0	0
	.10	1300	1300	1100	1000	900	600	500	400	0	0	0	0
	.90	3100	3100	3100	3100	2200	2200	1800	1700	1500	1300	1100	900
	.50	2500	2500	2500	2500	1700	1600	1500	1300	1100	800	700	500
	.10	1900	1800	1300	1300	1100	900	900	800	400	100	0	0
	.90	4800	4700	4700	4600	4400	4200	3700	3600	3200	2500	2400	2300
	.50	4200	4100	4100	4000	3800	3600	3100	3000	2700	2000	1900	1700
	.10	3000	2900	2900	2800	2600	2400	2000	1800	1700	1300	900	900
3300	.90	1800	1700	1500	1400	1300	1200	1100	1000	800	400	300	100
	.50	1600	1600	1400	1300	1200	900	900	800	500	100	0	0
	.10	1300	1300	1100	1000	900	700	600	500	100	0	0	0
	.90	3100	3100	3100	3100	2300	2200	2100	1800	1600	1300	1100	1000
	.50	2500	2500	2500	2500	1800	1700	1600	1500	1100	900	700	500
	.10	2000	1900	1400	1300	1300	1000	900	800	500	200	0	0
	.90	4900	4800	4700	4700	4400	4300	3800	3600	3200	2500	2400	2300
	.50	4300	4200	4200	4100	3800	3700	3200	3000	2700	2100	1900	1800
	.10	3100	3000	3000	2900	2600	2500	2100	1900	1700	1300	1000	900

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	1800	1700	1500	1400	1300	1200	1200	1100	900	500	400	200
	.50	1700	1600	1400	1400	1200	1100	900	800	600	300	0	0
	.10	1500	1300	1100	1100	900	800	600	500	100	0	0	0
	.90	3200	3100	3100	3100	2300	2300	2200	2100	1600	1400	1200	1000
	.50	2600	2500	2500	2500	1900	1800	1700	1600	1200	900	800	600
	.10	2000	1900	1500	1400	1300	1100	900	900	600	200	0	0
	.90	4900	4900	4800	4800	4500	4400	4000	3600	3200	2600	2400	2300
	.50	4300	4300	4200	4200	3900	3800	3400	3000	2700	2100	1900	1800
	.10	3100	3100	3000	3000	2700	2600	2300	2000	1700	1300	1000	900
3500	.90	2100	1800	1700	1500	1400	1300	1200	1200	900	500	400	300
	.50	2100	1600	1500	1400	1200	1100	1000	900	700	300	0	0
	.10	1800	1300	1300	1100	900	800	600	500	200	0	0	0
	.90	3200	3200	3100	3100	2300	2300	2200	2200	1700	1500	1300	1100
	.50	2600	2600	2500	2500	2200	1800	1800	1700	1200	1000	800	700
	.10	2000	2000	1700	1500	1300	1200	1000	900	700	200	100	0
	.90	5000	5000	4900	4900	4600	4400	4300	3800	3200	2600	2400	2300
	.50	4400	4400	4300	4300	4000	3800	3700	3200	2700	2100	1900	1800
	.10	3200	3200	3100	3100	2800	2600	2500	2200	1700	1400	1000	900
3600	.90	2200	2100	1700	1600	1500	1300	1300	1200	900	600	400	300
	.50	2200	2100	1600	1500	1300	1200	1100	900	700	400	0	0
	.10	1900	1800	1300	1100	1000	900	700	600	200	0	0	0
	.90	3200	3200	3200	3100	3100	2300	2300	2200	1700	1500	1300	1100
	.50	2600	2600	2600	2500	2500	1800	1800	1800	1300	1100	900	800
	.10	2000	2000	1900	1600	1400	1300	1100	1000	800	300	100	0
	.90	5100	5100	5000	4900	4800	4400	4300	4000	3200	2600	2400	2400
	.50	4500	4500	4400	4300	4200	3800	3700	3400	2800	2300	2000	1800
	.10	3300	3300	3200	3100	3000	2600	2600	2400	1700	1400	1000	900
3700	.90	2300	2200	1800	1700	1600	1500	1300	1300	1000	800	400	400
	.50	2300	2200	1600	1600	1400	1200	1100	1100	800	400	0	0
	.10	2000	1900	1300	1300	1100	900	800	700	300	0	0	0
	.90	3200	3200	3200	3200	3100	2300	2300	2300	1700	1600	1400	1200
	.50	2700	2600	2600	2600	2500	2000	1800	1800	1500	1100	900	800
	.10	2400	2000	1900	1700	1400	1300	1200	1000	800	400	100	0
	.90	5200	5200	5100	5000	4900	4500	4400	4200	3300	2900	2500	2400
	.50	4600	4600	4500	4400	4300	3900	3800	3600	2800	2500	2000	1900
	.10	3400	3400	3300	3200	3100	2800	2600	2500	1800	1400	1100	1000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2300	2200	1800	1800	1600	1600	1400	1300	1100	800	500	400
	.50	2300	2200	1800	1600	1400	1200	1200	1100	800	400	300	0
	.10	2000	1900	1500	1300	1100	900	900	800	300	0	0	0
	.90	3200	3200	3200	3200	3100	2400	2300	2300	1900	1600	1500	1300
	.50	2700	2600	2600	2600	2500	2000	1900	1800	1600	1200	1000	800
	.10	2400	2000	1900	1800	1400	1300	1300	1100	800	400	200	0
	.90	5300	5300	5200	5100	4900	4600	4400	4300	3400	3100	2500	2400
	.50	4700	4700	4600	4500	4300	4000	3800	3700	2800	2600	2000	1900
	.10	3500	3500	3400	3300	3100	2900	2600	2600	1800	1500	1100	1000
3900	.90	2300	2300	2100	1800	1700	1600	1500	1400	1200	900	600	400
	.50	2300	2300	2000	1700	1500	1300	1200	1100	800	500	300	0
	.10	2000	2000	1700	1400	1200	1000	900	800	400	0	0	0
	.90	3200	3200	3200	3200	3100	2500	2400	2300	2100	1600	1500	1300
	.50	2800	2700	2600	2600	2500	2100	1900	1800	1600	1200	1000	900
	.10	2500	2400	2000	1900	1500	1400	1300	1200	800	500	200	0
	.90	5400	5400	5300	5200	4900	4800	4400	4400	3500	3100	2500	2400
	.50	4800	4800	4700	4600	4300	4200	3800	3800	2900	2600	2000	1900
	.10	3600	3600	3500	3400	3100	3000	2700	2600	1800	1600	1200	1000
4000	.90	2300	2300	2200	2100	1800	1600	1600	1500	1200	900	700	500
	.50	2300	2300	2200	1900	1600	1400	1300	1200	900	600	400	0
	.10	2000	2000	1900	1600	1300	1100	900	900	400	0	0	0
	.90	3200	3200	3200	3200	3100	2500	2400	2400	2200	1700	1500	1400
	.50	2800	2800	2600	2600	2500	2200	2000	1900	1700	1200	1100	900
	.10	2500	2500	2000	1900	1500	1400	1300	1200	900	500	300	100
	.90	5500	5500	5400	5300	5000	4900	4500	4400	3500	3200	2500	2500
	.50	4900	4900	4800	4700	4400	4300	3900	3800	2900	2600	2000	2000
	.10	3700	3700	3600	3500	3200	3100	2800	2600	1800	1700	1300	1000
4100	.90	2700	2300	2200	2100	1800	1600	1600	1600	1300	1000	800	500
	.50	2700	2300	2200	2000	1700	1500	1300	1200	900	700	400	200
	.10	2400	2000	1900	1700	1400	1100	1000	900	400	0	0	0
	.90	3200	3200	3200	3200	3100	2500	2400	2400	2200	1700	1600	1500
	.50	2800	2800	2600	2600	2600	2300	2000	1900	1700	1300	1100	1000
	.10	2500	2500	2000	1900	1700	1400	1300	1300	900	600	300	100
	.90	5600	5600	5500	5400	5100	4900	4700	4400	3500	3200	2500	2500
	.50	5000	5000	4900	4800	4500	4300	4100	3800	3000	2700	2000	2000
	.10	3800	3800	3700	3600	3300	3100	2900	2700	2000	1700	1300	1000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING WUA - CHUM	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4200 .90	2700	2300	2200	2200	1900	1700	1600	1600	1300	1100	900	600
.50	2700	2300	2200	2100	1700	1500	1400	1300	1100	700	400	300
.10	2400	2000	1900	1800	1400	1100	1000	900	500	100	0	0
.90	3200	3200	3200	3200	3200	2800	2500	2400	2300	1700	1600	1500
.50	2800	2800	2700	2600	2600	2400	2000	2000	1800	1500	1200	1000
.10	2500	2500	2000	2000	1700	1400	1400	1300	900	800	400	200
.90	5700	5700	5600	5500	5200	4900	4800	4500	3600	3200	2600	2500
.50	5100	5100	5000	4900	4600	4300	4200	3900	3000	2700	2100	2000
.10	3900	3900	3800	3700	3400	3100	3000	2800	2000	1700	1400	1000
.90	2800	2700	2300	2200	2100	1800	1700	1600	1400	1100	900	700
.50	2800	2700	2300	2200	1700	1600	1400	1300	1100	800	500	400
.10	2500	2400	2000	1900	1500	1200	1000	900	500	100	0	0
.90	3300	3200	3200	3200	3200	3100	2500	2500	2300	1800	1600	1600
.50	3100	2800	2700	2700	2600	2500	2300	2000	1800	1500	1200	1100
.10	2800	2500	2200	2000	1800	1500	1400	1300	1000	800	400	200
.90	5800	5800	5700	5600	5300	5000	4900	4600	3600	3200	2600	2500
.50	5200	5200	5100	5000	4700	4400	4300	4000	3000	2700	2100	2000
.10	4000	4000	3900	3800	3500	3200	3100	2900	2100	1700	1400	1100
.90	2800	2800	2300	2200	2100	1800	1700	1700	1500	1200	1000	800
.50	2800	2800	2300	2200	1800	1600	1500	1400	1100	800	600	400
.10	2500	2500	2000	1900	1500	1300	1100	1000	500	100	0	0
.90	3400	3300	3200	3200	3200	3100	3000	2500	2300	2000	1700	1600
.50	3100	2900	2800	2700	2700	2600	2500	2200	1800	1600	1200	1100
.10	2800	2600	2500	2200	1900	1700	1500	1400	1000	800	500	300
.90	5900	5900	5800	5700	5400	5000	4900	4800	3600	3200	2600	2500
.50	5300	5300	5200	5100	4800	4400	4300	4200	3000	2700	2200	2000
.10	4100	4100	4000	3900	3600	3200	3100	3000	2200	1700	1400	1100
.90	3100	2800	2300	2300	2200	2000	1800	1700	1500	1300	1000	900
.50	2800	2800	2300	2200	1900	1700	1500	1500	1100	800	700	400
.10	2500	2500	2000	1900	1500	1300	1100	1000	600	100	0	0
.90	3400	3400	3400	3300	3200	3200	3100	3000	2400	2200	1700	1600
.50	3200	3100	2900	2800	2700	2600	2600	2500	1900	1700	1300	1100
.10	2900	2800	2600	2500	2000	1700	1600	1400	1100	900	500	400
.90	6000	6000	5900	5800	5600	5100	5000	4900	3600	3200	2700	2500
.50	5400	5400	5300	5200	5000	4500	4400	4300	3100	2700	2400	2000
.10	4200	4200	4100	4000	3800	3300	3200	3100	2200	1700	1500	1100

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3100	3100	2800	2300	2200	2100	1900	1800	1600	1300	1100	900
	.50	2800	2800	2500	2300	2000	1700	1600	1500	1200	900	700	500
	.10	2500	2500	2000	2000	1600	1300	1200	1100	700	200	0	0
	.90	3500	3500	3400	3400	3200	3200	3200	3100	2400	2200	1700	1600
	.50	3400	3300	3100	2900	2800	2700	2600	2600	1900	1700	1500	1200
	.10	3100	3000	2800	2500	2100	1700	1700	1500	1200	900	700	400
	.90	6100	6100	6000	5900	5700	5400	5000	4900	3900	3200	2900	2500
	.50	5500	5500	5400	5300	5100	4800	4400	4300	3300	2800	2500	2000
	.10	4300	4300	4200	4100	3900	3600	3200	3100	2400	1800	1600	1200
4700	.90	3100	3100	3100	2700	2300	2200	2100	1900	1600	1400	1100	1000
	.50	3100	2800	2500	2500	2200	1800	1700	1600	1200	1000	800	500
	.10	2800	2500	2100	2000	1700	1400	1300	1100	700	300	0	0
	.90	3600	3500	3500	3400	3300	3200	3200	3200	2400	2300	1800	1700
	.50	3500	3400	3200	2900	2800	2700	2700	2600	2000	1800	1500	1200
	.10	3200	3100	2900	2600	2100	1800	1700	1600	1300	900	800	500
	.90	6200	6200	6200	6100	5800	5700	5400	5000	4300	3300	3100	2500
	.50	5600	5600	5600	5500	5200	5100	4800	4400	3700	2800	2600	2100
	.10	4400	4400	4400	4300	4000	3900	3600	3200	2600	1800	1700	1300
4800	.90	3100	3100	3100	3100	2300	2300	2200	2100	1700	1500	1200	1100
	.50	3100	2800	2600	2500	2300	1800	1800	1700	1300	1000	800	600
	.10	2800	2500	2300	2100	1900	1400	1300	1200	800	300	100	0
	.90	3600	3500	3500	3500	3400	3200	3200	3200	2500	2300	2000	1700
	.50	3500	3400	3200	3000	2800	2700	2700	2600	2000	1800	1600	1200
	.10	3200	3100	2900	2700	2100	1900	1700	1700	1400	900	800	500
	.90	6400	6300	6300	6200	5900	5700	5700	5400	4400	3300	3100	2600
	.50	5800	5700	5700	5600	5300	5100	5100	4800	3800	2800	2600	2100
	.10	4600	4500	4500	4400	4100	3900	3900	3600	2600	1800	1700	1400
4900	.90	3200	3100	3100	3100	2600	2300	2200	2200	1700	1500	1300	1100
	.50	3200	2900	2800	2600	2500	2000	1800	1800	1400	1100	900	700
	.10	2900	2600	2500	2300	2000	1500	1300	1200	800	400	100	0
	.90	3600	3600	3500	3500	3400	3200	3200	3200	2600	2300	2100	1700
	.50	3500	3400	3200	3000	2900	2800	2700	2700	2300	1800	1700	1400
	.10	3200	3100	2900	2700	2200	2000	1700	1700	1400	1000	800	500
	.90	6500	6500	6400	6300	6000	5800	5700	5700	4500	3400	3200	2600
	.50	5900	5900	5800	5700	5400	5200	5100	5100	3900	2900	2700	2100
	.10	4700	4700	4600	4500	4200	4000	3900	3900	2700	1900	1700	1400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3300	3200	3100	3100	2900	2300	2300	2200	1700	1500	1300	1200
	.50	3200	3100	2900	2800	2500	2200	1800	1800	1500	1100	900	800
	.10	2900	2800	2600	2500	2000	1600	1300	1300	800	400	100	0
	.90	3700	3700	3600	3500	3500	3300	3200	3200	2800	2300	2200	1800
	.50	3500	3400	3200	3100	2900	2800	2700	2700	2500	1900	1700	1500
	.10	3200	3100	2900	2800	2300	2000	1800	1700	1400	1100	900	600
	.90	6600	6600	6500	6400	6100	5800	5800	5700	4800	3500	3200	2700
	.50	6000	6000	5900	5800	5500	5200	5200	5100	4200	2900	2700	2400
	.10	4800	4800	4700	4600	4300	4000	4000	3900	3000	2000	1700	1500
5100	.90	3500	3400	3200	3200	3100	2400	2300	2300	1900	1600	1400	1200
	.50	3400	3300	3200	2900	2500	2400	2000	1800	1600	1200	1000	800
	.10	3100	3000	2900	2600	2100	1700	1400	1300	900	500	200	0
	.90	3800	3800	3700	3600	3500	3400	3200	3200	3100	2400	2300	1800
	.50	3500	3400	3200	3200	2900	2900	2800	2700	2600	1900	1700	1600
	.10	3200	3100	2900	2800	2400	2000	1900	1700	1500	1100	900	800
	.90	6800	6700	6700	6600	6300	5900	5800	5800	5000	3600	3200	2900
	.50	6200	6100	6100	6000	5700	5300	5200	5200	4400	3000	2800	2500
	.10	5000	4900	4900	4800	4500	4100	4000	4000	3200	2200	1800	1600
5200	.90	3600	3500	3200	3200	3100	2500	2300	2300	2000	1600	1500	1300
	.50	3500	3400	3200	3000	2600	2400	2200	1900	1600	1200	1000	900
	.10	3200	3100	2900	2700	2100	1900	1500	1300	900	600	200	100
	.90	3900	3900	3800	3700	3500	3400	3300	3200	3100	2400	2300	2000
	.50	3500	3400	3300	3200	3000	2900	2800	2700	2600	1900	1800	1600
	.10	3200	3100	3000	2800	2500	2100	2000	1800	1500	1200	900	800
	.90	7100	7000	7000	6900	6600	6400	5900	5800	5200	3700	3300	3100
	.50	6500	6400	6400	6300	6000	5800	5300	5200	4600	3200	2800	2600
	.10	5300	5200	5200	5100	4800	4600	4100	4000	3400	2400	1800	1700
5300	.90	3600	3500	3300	3200	3100	2800	2400	2300	2200	1700	1500	1300
	.50	3500	3400	3200	3000	2600	2500	2300	2000	1700	1300	1100	900
	.10	3200	3100	2900	2700	2200	1900	1500	1400	1000	700	300	100
	.90	4000	4000	3900	3800	3500	3500	3400	3200	3200	2400	2300	2100
	.50	3500	3400	3300	3300	3100	2900	2800	2800	2600	1900	1800	1700
	.10	3200	3100	2900	2800	2500	2100	2000	1900	1600	1300	900	800
	.90	7400	7300	7300	7200	6900	6600	6500	6100	5700	4300	3300	3200
	.50	6800	6700	6700	6600	6300	6000	5900	5500	5100	3700	2900	2700
	.10	5600	5500	5500	5400	5100	4800	4700	4300	3900	2600	1900	1700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3600	3500	3300	3200	3100	2800	2500	2400	2200	1700	1600	1400
	.50	3500	3400	3200	3100	2600	2500	2300	2000	1800	1400	1100	1000
	.10	3200	3100	2900	2800	2300	2000	1500	1400	1000	800	400	100
	.90	4300	4300	4000	3900	3600	3500	3400	3300	3200	2400	2300	2200
	.50	3700	3700	3400	3300	3200	2900	2900	2800	2600	2000	1800	1700
	.10	3200	3000	2900	2800	2500	2200	2000	1900	1700	1300	1000	900
	.90	7700	7700	7600	7500	7200	6800	6600	6600	5800	4400	3500	3200
	.50	7100	7100	7000	6900	6600	6200	6000	6000	5200	3800	3000	2700
	.10	5900	5900	5800	5700	5400	5000	4800	4800	4000	2700	2000	1800
5500	.90	3600	3500	3300	3200	3200	3000	2500	2400	2200	1700	1600	1500
	.50	3500	3400	3200	3100	2700	2500	2400	2200	1800	1500	1200	1000
	.10	3200	3100	2900	2800	2400	2000	1600	1500	1100	800	400	200
	.90	4300	4300	4300	4100	3800	3500	3500	3300	3200	2500	2300	2200
	.50	3700	3700	3700	3500	3200	3000	2900	2900	2700	2000	1900	1700
	.10	3200	3000	2900	2800	2500	2200	2100	2000	1700	1400	1000	900
	.90	8000	8000	7900	7800	7500	7100	6600	6600	5800	4900	3600	3300
	.50	7400	7400	7300	7200	6900	6500	6000	6000	5200	4300	3100	2800
	.10	6200	6200	6100	6000	5700	5300	4800	4800	4000	3100	2200	1800
5600	.90	3600	3500	3300	3200	3200	3100	2500	2500	2300	1800	1600	1500
	.50	3500	3400	3200	3100	2800	2600	2400	2300	1800	1500	1200	1000
	.10	3200	3100	2900	2800	2500	2000	1800	1500	1100	800	500	200
	.90	4400	4400	4300	4300	3900	3600	3500	3400	3200	2500	2400	2300
	.50	3800	3800	3700	3700	3400	3100	2900	2900	2700	2100	1900	1800
	.10	3200	3200	2900	2800	2500	2300	2200	2000	1700	1400	1000	900
	.90	8300	8300	8200	8100	7900	7400	6900	6600	5900	5000	3700	3300
	.50	7700	7700	7600	7500	7300	6800	6300	6000	5300	4400	3200	2800
	.10	6500	6500	6400	6300	6100	5600	5100	4800	4100	3200	2400	1900
5700	.90	3600	3500	3300	3200	3200	3100	2800	2500	2300	2000	1700	1600
	.50	3500	3400	3300	3200	2800	2600	2500	2300	1800	1600	1200	1100
	.10	3200	3100	3000	2900	2500	2100	1900	1500	1200	800	500	300
	.90	4400	4400	4400	4300	4100	3600	3500	3500	3200	2600	2400	2300
	.50	3800	3800	3800	3700	3500	3200	3000	2900	2700	2200	1900	1800
	.10	3200	3200	2900	2800	2600	2500	2200	2100	1700	1400	1100	900
	.90	8700	8700	8600	8500	8200	7700	7300	6800	5900	5700	4100	3400
	.50	8100	8100	8000	7900	7600	7100	6700	6200	5300	5100	3500	2900
	.10	6900	6900	6800	6700	6400	5900	5500	5000	4100	3900	2600	1900

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5800	.90	3600	3500	3300	3200	3200	3100	2900	2500	2300	2100	1700	1600
	.50	3500	3400	3200	3100	2800	2600	2500	2400	1900	1700	1300	1100
	.10	3200	3100	2900	2800	2500	2100	1900	1600	1200	900	600	400
	.90	4500	4500	4400	4400	4300	3800	3600	3500	3200	2600	2400	2300
	.50	4300	3900	3800	3800	3700	3300	3000	2900	2700	2400	1900	1800
	.10	4000	3200	2900	2800	2500	2500	2300	2200	1700	1400	1100	900
	.90	9000	9000	8900	8800	8500	8100	7600	7100	6500	5800	4400	3600
	.50	8400	8400	8300	8200	7900	7500	7000	6500	5900	5200	3800	3000
	.10	7200	7200	7100	7000	6700	6300	5800	5300	4700	4000	2700	2100
5900	.90	3600	3400	3300	3200	3200	3200	3100	2800	2400	2200	1700	1600
	.50	3500	3300	3200	3100	2800	2700	2600	2500	1900	1700	1400	1200
	.10	3200	3000	2900	2800	2500	2100	2000	1700	1300	900	700	400
	.90	4600	4600	4500	4400	4300	4000	3600	3500	3200	2800	2400	2300
	.50	4300	4000	3900	3800	3700	3400	3100	3000	2700	2500	2000	1800
	.10	4000	3200	3000	2900	2700	2600	2400	2200	1700	1500	1200	1000
	.90	9400	9400	9300	9200	8900	8400	8000	7500	6600	5800	4800	3700
	.50	8800	8800	8700	8600	8300	7800	7400	6900	6000	5200	4200	3100
	.10	7600	7600	7500	7400	7100	6600	6200	5700	4800	4000	3100	2300
6000	.90	3600	3400	3300	3200	3200	3200	3100	3000	2400	2200	1800	1600
	.50	3500	3400	3200	3100	2800	2700	2600	2500	1900	1700	1500	1200
	.10	3200	3200	2900	2800	2500	2100	2000	1700	1300	900	800	500
	.90	4800	4700	4700	4600	4400	4200	3700	3600	3200	2900	2400	2400
	.50	4300	4100	4100	4000	3800	3600	3200	3000	2700	2500	2000	1900
	.10	4000	3200	3000	2900	2800	2600	2500	2300	1800	1500	1300	1000
	.90	9800	9700	9700	9600	9300	8800	8300	7900	6600	5800	5000	3800
	.50	9200	9100	9100	9000	8700	8200	7700	7300	6000	5200	4400	3300
	.10	8000	7900	7900	7800	7500	7000	6500	6100	4800	4000	3200	2600
6100	.90	3600	3400	3400	3300	3200	3200	3200	3100	2400	2300	1900	1700
	.50	3500	3400	3200	3100	2900	2700	2700	2600	2000	1800	1600	1200
	.10	3200	3200	2900	2800	2600	2200	2000	1800	1400	900	800	500
	.90	4900	4800	4800	4700	4400	4300	3800	3600	3200	2900	2500	2400
	.50	4300	4200	4200	4100	3800	3700	3300	3100	2800	2500	2000	1900
	.10	4000	3200	3000	3000	2900	2600	2600	2400	1800	1500	1300	1000
	.90	10100	10100	10000	9900	9700	9200	8700	8200	6600	5900	5500	4300
	.50	9500	9500	9400	9300	9100	8600	8100	7600	6000	5300	4900	3700
	.10	8300	8300	8200	8100	7900	7400	6900	6400	4800	4100	3700	2700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM:  
 SPAWNING INCUBATION MONTH - DECEMBER INCUBATION MONTH - MARCH

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	3600	3500	3400	3400	3200	3200	3200	3200	2400	2300	2000	1700
	.50	3500	3400	3300	3100	2900	2800	2700	2600	2000	1800	1600	1300
	.10	3200	3200	3000	2800	2500	2200	2000	1900	1400	1000	800	500
	.90	4900	4900	4800	4800	4500	4400	4000	3600	3200	3000	2500	2400
	.50	4300	4300	4200	4200	3900	3800	3500	3200	2800	2600	2000	1900
	.10	4000	3200	3100	3000	2900	2700	2600	2500	1800	1600	1300	1000
	.90	10500	10500	10400	10300	10000	9600	9100	8600	6700	5900	5700	4500
	.50	9900	9900	9800	9700	9400	9000	8500	8000	6100	5300	5100	3900
	.10	8700	8700	8600	8500	8200	7800	7300	6800	4900	4100	3900	2800
	.90	4400	3500	3500	3400	3300	3200	3200	3200	2500	2300	2100	1700
6300	.50	4300	3400	3300	3200	2900	2800	2700	2700	2300	1800	1700	1400
	.10	4000	3200	3000	2900	2600	2200	2000	1900	1400	1100	900	600
	.90	5000	5000	4900	4900	4600	4400	4300	3800	3300	3100	2500	2400
	.50	4400	4400	4300	4300	4000	3800	3700	3300	2800	2600	2000	1900
	.10	4000	3200	3200	3100	3000	2800	2600	2600	1900	1700	1300	1000
	.90	10600	10600	10600	10500	10200	9700	9200	8700	6700	5900	5800	4600
	.50	10000	10000	10000	9900	9600	9100	8600	8100	6100	5300	5200	4000
	.10	8800	8800	8800	8700	8400	7900	7400	6900	4900	4100	4000	3100
	.90	4400	3600	3500	3500	3400	3200	3200	3200	2600	2300	2200	1800
	.50	4300	3500	3300	3200	2900	2800	2800	2700	2400	1900	1700	1500
6400	.10	4000	3200	3000	2900	2600	2200	2100	1900	1500	1100	900	700
	.90	5100	5100	5000	4900	4800	4400	4300	4000	3300	3100	2500	2400
	.50	4500	4500	4400	4300	4200	3800	3700	3400	2900	2600	2000	2000
	.10	4000	3300	3200	3200	3100	2900	2700	2600	2000	1700	1400	1000
	.90	10700	10700	10700	10600	10300	9800	9300	8800	6700	5900	5800	4900
	.50	10100	10100	10100	10000	9700	9200	8700	8200	6100	5300	5200	4300
	.10	8900	8900	8900	8800	8500	8000	7500	7000	4900	4100	4000	3200
	.90	4400	3600	3500	3500	3400	3300	3200	3200	2900	2400	2200	1900
	.50	4300	3500	3300	3300	3000	2900	2800	2700	2500	1900	1700	1600
	.10	4000	3200	3000	3000	2600	2300	2100	2000	1500	1200	900	800
6500	.90	5200	5200	5100	5000	4900	4500	4400	4200	3400	3100	2500	2500
	.50	4600	4600	4500	4400	4300	3900	3800	3600	2900	2600	2100	2000
	.10	4000	3400	3300	3300	3100	3000	2800	2600	2000	1700	1400	1100
	.90	10800	10800	10700	10600	10400	9900	9400	8900	6700	6100	5800	5100
	.50	10200	10200	10100	10000	9800	9300	8800	8300	6100	5500	5200	4500
	.10	9000	9000	8900	8800	8500	8100	7600	7100	4900	4300	4000	3300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4400	3700	3600	3500	3500	3400	3200	3200	3100	2400	2300	2000
	.50	4300	3500	3300	3300	3000	2900	2800	2800	2600	1900	1800	1600
	.10	4000	3200	3000	3000	2700	2400	2100	2000	1600	1300	900	800
	.90	5300	5300	5200	5100	4900	4600	4400	4300	3400	3200	2500	2500
	.50	4700	4700	4600	4500	4300	4000	3800	3700	2900	2700	2100	2000
	.10	4000	3500	3400	3300	3200	3100	2900	2700	2100	1700	1400	1100
	.90	10900	10900	10800	10700	10400	10000	9500	9000	6700	6500	5900	5300
	.50	10300	10300	10200	10100	9800	9400	8900	8400	6100	5900	5300	4700
	.10	9100	9100	9000	8900	8600	8200	7700	7200	4900	4700	4100	3700
6700	.90	4400	3800	3700	3600	3500	3400	3300	3200	3100	2400	2300	2100
	.50	4300	3500	3400	3300	3100	2900	2900	2800	2600	2000	1800	1700
	.10	4000	3200	3100	3000	2800	2500	2200	2000	1700	1400	1000	900
	.90	5400	5400	5300	5200	4900	4800	4400	4400	3500	3200	2600	2500
	.50	4800	4800	4700	4600	4300	4200	3800	3800	3000	2700	2100	2000
	.10	4000	3600	3500	3500	3300	3100	3000	2800	2200	1700	1500	1200
	.90	11000	11000	10900	10800	10500	10000	9600	9100	6700	6600	5900	5700
	.50	10400	10400	10300	10200	9900	9400	9000	8500	6100	6000	5300	5100
	.10	9200	9200	9100	9000	8700	8200	7800	7300	4900	4800	4100	3900
6800	.90	4400	3900	3800	3700	3500	3400	3300	3200	3200	2400	2300	2200
	.50	4300	3600	3400	3300	3200	3000	2900	2800	2600	2000	1800	1700
	.10	4000	3300	3200	3000	2900	2600	2200	2100	1700	1400	1000	900
	.90	5500	5500	5400	5300	5000	4900	4500	4400	3500	3200	2600	2500
	.50	4900	4900	4800	4700	4400	4300	3900	3800	3000	2700	2300	2000
	.10	4400	3700	3600	3600	3400	3100	3100	2900	2300	1700	1500	1200
	.90	11000	11000	10900	10800	10500	10100	9600	9100	6700	6600	5900	5700
	.50	10400	10400	10300	10200	9900	9500	9000	8500	6100	6000	5300	5100
	.10	9200	9200	9100	9000	8700	8300	7800	7300	4900	4800	4100	3900
6900	.90	4400	4000	3900	3800	3500	3500	3400	3300	3200	2500	2300	2200
	.50	4300	3600	3400	3400	3300	3000	2900	2900	2700	2100	1900	1700
	.10	4000	3400	3200	3100	2900	2600	2200	2100	1700	1400	1100	900
	.90	5600	5600	5500	5400	5100	4900	4700	4400	3600	3200	2800	2500
	.50	5000	5000	4900	4800	4500	4300	4100	3800	3100	2700	2500	2000
	.10	4400	3800	3700	3700	3500	3200	3100	3000	2400	1800	1600	1300
	.90	10900	10800	10800	10700	10400	9900	9400	9000	6700	6600	5900	5800
	.50	10300	10200	10200	10100	9800	9300	8800	8400	6100	6000	5300	5200
	.10	9100	9000	9000	8900	8600	8100	7600	7200	4900	4800	4100	4000

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		4400	4300	4000	3900	3600	3500	3400	3200	2500	2400	2300
	.50		4300	3800	3600	3500	3400	3200	2900	2700	2100	1900	1800
	.10		4000	3500	3200	3200	3000	2700	2200	1700	1400	1100	900
	.90		5700	5700	5600	5500	5200	4900	4800	3600	3200	2900	2500
	.50	.50	5100	5100	5000	4900	4500	4300	4200	3200	2800	2600	2000
	.10		4500	3900	3800	3700	3600	3300	3100	2500	1800	1600	1300
	.90		10700	10700	10600	10600	10300	9800	9300	6700	6600	5900	5800
	.50		10100	10100	10000	10000	9700	9200	8700	6100	6000	5300	5200
	.10		8900	8900	8800	8800	8500	8000	7500	4900	4800	4100	4000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	.90	500	400	400	300	0	0	0	0	0	0	0
		.50	400	300	300	200	0	0	0	0	0	0	0
		.10	100	0	0	0	0	0	0	0	0	0	0
	.50	.90	900	800	600	500	400	400	300	0	0	0	0
		.50	800	700	500	300	200	100	0	0	0	0	0
		.10	500	400	200	0	0	0	0	0	0	0	0
	.90	.90	2800	2800	2800	2700	2100	2000	1900	1800	1200	1100	900
		.50	2200	2200	2200	2100	1500	1400	1300	1200	600	500	400
		.10	1200	1100	1100	1000	700	500	400	200	0	0	0
1500	.90	.90	500	400	400	300	100	0	0	0	0	0	0
		.50	400	300	300	200	0	0	0	0	0	0	0
		.10	200	100	0	0	0	0	0	0	0	0	0
	.50	.90	900	800	800	500	500	400	400	0	0	0	0
		.50	800	700	600	300	200	200	100	0	0	0	0
		.10	500	400	300	0	0	0	0	0	0	0	0
	.90	.90	2900	2800	2800	2900	2600	2000	2000	1800	1200	1100	1000
		.50	2300	2200	2200	2200	2000	1400	1400	1300	700	600	500
		.10	1200	1100	1100	1100	900	700	500	300	0	0	0
1600	.90	.90	700	500	400	300	200	0	0	0	0	0	0
		.50	600	400	300	200	100	0	0	0	0	0	0
		.10	400	100	100	0	0	0	0	0	0	0	0
	.50	.90	900	800	800	700	500	500	400	100	0	0	0
		.50	800	700	700	400	300	200	200	0	0	0	0
		.10	500	400	300	100	0	0	0	0	0	0	0
	.90	.90	3000	2900	2800	2800	2700	2100	2000	1900	1300	1200	1100
		.50	2400	2300	2200	2200	2100	1500	1400	1300	700	600	500
		.10	1300	1200	1100	1100	1000	800	600	300	100	0	0
1700	.90	.90	700	600	400	300	200	100	0	0	0	0	0
		.50	600	400	300	200	100	0	0	0	0	0	0
		.10	400	200	100	0	0	0	0	0	0	0	0
	.50	.90	1100	900	800	800	600	500	500	200	0	0	0
		.50	1000	700	700	400	300	200	200	0	0	0	0
		.10	700	400	300	100	0	0	0	0	0	0	0
	.90	.90	3000	3000	2900	2800	2700	2600	2100	1900	1300	1200	1100
		.50	2400	2400	2300	2200	2100	2000	1500	1300	800	600	600
		.10	1300	1300	1200	1100	1000	1000	700	400	200	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM: SPawning MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	900	700	500	500	400	300	100	0	0	0	0	0
	.50	800	600	400	400	300	200	0	0	0	0	0	0
	.10	500	300	100	100	0	0	0	0	0	0	0	0
	.90	1100	1000	900	900	800	700	600	500	300	0	0	0
	.50	1000	800	700	700	400	300	300	200	0	0	0	0
	.10	700	500	400	400	100	0	0	0	0	0	0	0
	.90	3100	3000	3000	3000	2800	2800	2700	2500	1900	1500	1200	1100
	.50	2500	2400	2400	2400	2200	2200	2100	1900	1300	1100	700	600
	.10	1400	1300	1300	1300	1200	1100	1000	900	400	200	0	0
1900	.90	900	800	600	500	400	300	200	100	0	0	0	0
	.50	800	700	500	400	300	200	100	0	0	0	0	0
	.10	500	400	300	100	0	0	0	0	0	0	0	0
	.90	1200	1100	900	900	800	700	600	600	400	0	0	0
	.50	1100	1000	700	700	500	400	300	300	0	0	0	0
	.10	800	700	400	400	200	0	0	0	0	0	0	0
	.90	3100	3100	3000	3000	2800	2800	2800	2700	2000	1700	1200	1200
	.50	2500	2500	2400	2400	2200	2200	2200	2100	1400	1200	700	600
	.10	1400	1400	1300	1300	1200	1100	1100	1000	500	300	100	0
2000	.90	900	800	700	600	400	300	300	100	0	0	0	0
	.50	800	700	600	500	300	200	200	0	0	0	0	0
	.10	500	400	300	200	0	0	0	0	0	0	0	0
	.90	1200	1100	1100	1000	900	800	700	600	400	100	0	0
	.50	1100	1000	800	700	600	400	400	300	100	0	0	0
	.10	800	700	500	400	300	100	0	0	0	0	0	0
	.90	3100	3100	3100	3100	3000	2800	2800	2800	2000	1800	1300	1200
	.50	2500	2500	2500	2500	2400	2200	2200	2200	1400	1200	700	700
	.10	1400	1400	1400	1400	1300	1200	1100	1100	600	300	200	0
2100	.90	900	800	800	700	500	400	300	200	0	0	0	0
	.50	800	700	700	600	400	300	200	100	0	0	0	0
	.10	500	500	400	300	100	0	0	0	0	0	0	0
	.90	1300	1200	1200	1100	1000	900	800	700	500	100	0	0
	.50	1200	1000	1000	800	700	600	400	400	200	0	0	0
	.10	900	700	700	500	400	100	100	0	0	0	0	0
	.90	3200	3200	3100	3100	3000	2800	2800	2800	2000	1900	1300	1200
	.50	2600	2600	2500	2500	2400	2200	2200	2200	1400	1300	900	700
	.10	1500	1500	1400	1400	1300	1200	1100	1100	700	400	200	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1100	800	800	700	500	400	300	300	0	0	0	0
	.50	1000	700	700	600	400	300	200	200	0	0	0	0
	.10	700	500	400	300	100	0	0	0	0	0	0	0
	.90	1300	1200	1200	1200	1100	900	900	800	600	200	0	0
	.50	1200	1100	1000	800	700	600	500	400	200	0	0	0
	.10	900	800	700	500	400	200	100	0	0	0	0	0
	.90	3300	3300	3200	3100	3100	2900	2800	2800	2100	1900	1400	1300
	.50	2700	2700	2600	2500	2500	2300	2200	2200	1500	1300	1100	700
	.10	1600	1600	1500	1400	1400	1200	1200	1100	800	400	200	100
2300	.90	1100	900	800	800	600	400	400	300	0	0	0	0
	.50	1000	800	700	700	500	300	300	200	0	0	0	0
	.10	700	500	400	400	200	0	0	0	0	0	0	0
	.90	1700	1700	1200	1200	1200	1100	900	900	600	400	100	0
	.50	1500	1200	1100	1000	800	600	500	600	300	0	0	0
	.10	1200	900	800	700	500	300	200	100	0	0	0	0
	.90	3400	3400	3300	3200	3100	3000	2800	2800	2100	1900	1600	1300
	.50	2800	2800	2700	2600	2500	2400	2200	2200	1600	1300	1200	700
	.10	1700	1700	1600	1500	1400	1300	1200	1200	900	400	300	100
2400	.90	1200	1100	800	800	600	500	400	400	0	0	0	0
	.50	1100	1000	700	700	500	400	300	200	0	0	0	0
	.10	800	700	400	400	200	100	0	0	0	0	0	0
	.90	1700	1700	1400	1200	1200	1200	1100	900	700	400	100	0
	.50	1500	1300	1100	1100	800	700	600	600	300	0	0	0
	.10	1200	1000	800	700	500	400	300	100	0	0	0	0
	.90	3500	3500	3400	3300	3100	3000	2900	2800	2500	1900	1700	1300
	.50	2900	2900	2800	2700	2500	2400	2300	2200	1900	1300	1200	800
	.10	1800	1800	1700	1600	1400	1300	1200	1200	1000	500	300	200
2500	.90	1200	1100	900	800	700	500	500	400	0	0	0	0
	.50	1100	1000	800	700	600	400	300	300	0	0	0	0
	.10	800	700	500	400	300	100	0	0	0	0	0	0
	.90	1700	1700	1700	1300	1200	1200	1100	1100	800	500	200	0
	.50	1500	1300	1200	1100	1000	700	700	600	400	100	0	0
	.10	1200	1000	900	800	600	400	300	200	0	0	0	0
	.90	3600	3600	3500	3400	3100	3100	2900	2800	2700	1900	1800	1300
	.50	3000	3000	2900	2800	2500	2500	2300	2200	2100	1400	1300	1000
	.10	1900	1900	1800	1700	1400	1400	1300	1200	1100	600	400	200

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1300	1100	1100	900	800	600	500	400	100	0	0	0
	.50	1200	1000	1000	800	700	500	400	300	0	0	0	0
	.10	900	800	700	500	400	200	100	0	0	0	0	0
	.90	1800	1700	1700	1600	1200	1200	1200	1100	800	600	400	100
	.50	1500	1500	1300	1200	1100	800	700	600	500	200	0	0
	.10	1200	1200	900	800	700	500	400	300	0	0	0	0
	.90	3900	3900	3600	3500	3200	3100	3000	2900	2800	2000	1900	1400
	.50	3300	3300	3000	2900	2500	2500	2400	2300	2200	1400	1300	1100
	.10	2200	2200	1900	1800	1500	1400	1300	1200	1100	700	400	300
2700	.90	1300	1300	1100	1000	800	700	600	500	200	0	0	0
	.50	1200	1200	1000	900	700	600	400	300	0	0	0	0
	.10	900	900	700	600	400	300	100	0	0	0	0	0
	.90	1800	1700	1700	1700	1200	1200	1200	1200	900	600	500	200
	.50	1500	1500	1300	1200	1100	900	700	700	500	200	0	0
	.10	1200	1200	1000	900	700	500	400	300	0	0	0	0
	.90	3900	3900	3900	3700	3400	3100	3100	2900	2800	2000	1900	1600
	.50	3300	3300	3300	3100	2900	2500	2500	2300	2200	1400	1300	1200
	.10	2200	2200	2200	2000	1700	1400	1400	1300	1100	700	400	300
2800	.90	1600	1300	1200	1100	900	700	600	500	200	0	0	0
	.50	1500	1200	1100	1000	800	600	500	400	0	0	0	0
	.10	1200	900	800	700	500	300	200	100	0	0	0	0
	.90	1800	1800	1800	1700	1400	1200	1200	1200	900	700	500	300
	.50	1500	1500	1300	1300	1100	1000	800	700	600	300	100	0
	.10	1200	1200	1000	900	800	600	500	400	0	0	0	0
	.90	4000	4000	3900	3900	3500	3200	3100	3000	2800	2000	1900	1700
	.50	3400	3400	3300	3300	2900	2600	2500	2400	2200	1400	1300	1200
	.10	2300	2300	2200	2200	1900	1500	1400	1400	1200	800	400	300
2900	.90	1600	1400	1200	1100	900	800	700	600	300	0	0	0
	.50	1500	1300	1100	1000	800	700	600	400	100	0	0	0
	.10	1200	1000	800	800	500	400	300	100	0	0	0	0
	.90	2700	1800	1800	1700	1600	1300	1200	1200	1000	800	600	400
	.50	2100	1600	1300	1300	1200	1100	1000	800	600	400	200	0
	.10	1300	1200	1000	1000	800	700	500	400	100	0	0	0
	.90	4000	4000	4000	3900	3700	3200	3100	3100	2800	2000	1900	1800
	.50	3400	3400	3400	3300	3100	2600	2500	2500	2200	1500	1400	1300
	.10	2300	2300	2300	2200	2000	1700	1500	1400	1200	900	500	400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1600	1400	1300	1200	1100	800	800	700	400	0	0	0
	.50	1500	1300	1200	1100	1000	700	600	500	200	0	0	0
	.10	1200	1000	900	800	700	400	300	200	0	0	0	0
	.90	2700	2700	1800	1800	1700	1400	1300	1200	1100	800	700	500
	.50	2100	2100	1500	1300	1200	1100	1100	900	600	400	200	0
	.10	1300	1200	1100	1000	800	700	600	500	100	0	0	0
	.90	4100	4100	4000	4000	3900	3400	3200	3100	2800	2100	2000	1800
	.50	3500	3500	3400	3400	3300	2800	2600	2500	2200	1600	1400	1300
	.10	2400	2400	2300	2300	2200	1800	1500	1500	1200	1000	600	400
3100	.90	1600	1600	1300	1200	1100	900	800	800	400	0	0	0
	.50	1500	1500	1200	1100	1000	800	700	600	200	0	0	0
	.10	1200	1200	900	800	700	500	400	300	0	0	0	0
	.90	2700	2700	2700	1800	1800	1600	1400	1300	1100	900	700	600
	.50	2100	2100	2100	1500	1300	1200	1100	1100	700	500	300	100
	.10	1700	1300	1200	1000	900	800	700	500	200	0	0	0
	.90	4200	4200	4100	4000	3900	3600	3200	3100	2800	2100	2000	1900
	.50	3600	3600	3500	3400	3300	3000	2600	2500	2200	1600	1400	1300
	.10	2500	2500	2400	2300	2200	1900	1700	1500	1200	1000	600	400
3200	.90	1600	1600	1400	1300	1100	900	800	800	500	100	0	0
	.50	1500	1500	1300	1200	1000	800	700	600	300	0	0	0
	.10	1200	1200	1000	900	800	500	400	300	0	0	0	0
	.90	2700	2700	2700	2700	1800	1800	1600	1400	1200	900	700	600
	.50	2100	2100	2100	2100	1300	1300	1200	1100	700	600	300	200
	.10	1800	1700	1200	1100	1000	800	700	700	300	0	0	0
	.90	4400	4300	4300	4200	4000	3800	3300	3200	2800	2100	2000	1900
	.50	3800	3700	3700	3600	3400	3200	2700	2600	2200	1600	1400	1300
	.10	2700	2600	2600	2500	2300	2100	1800	1600	1200	1100	700	400
3300	.90	1600	1600	1400	1300	1200	1000	900	800	600	200	0	0
	.50	1500	1500	1300	1200	1100	800	700	700	300	0	0	0
	.10	1200	1200	1000	900	800	600	500	400	0	0	0	0
	.90	2700	2700	2700	2700	1900	1800	1800	1600	1200	1100	800	700
	.50	2200	2100	2100	2100	1500	1300	1300	1200	800	600	400	200
	.10	1900	1800	1300	1200	1000	900	800	700	300	0	0	0
	.90	4500	4400	4400	4300	4000	3900	3400	3200	2800	2200	2000	1900
	.50	3900	3800	3800	3700	3400	3300	2800	2600	2200	1700	1400	1400
	.10	2800	2700	2700	2600	2300	2200	1900	1700	1300	1100	700	500

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	1700	1600	1400	1400	1200	1100	900	900	600	300	0	0
	.50	1600	1500	1300	1300	1100	1000	800	700	400	0	0	0
	.10	1400	1200	1000	1000	800	700	500	400	0	0	0	0
	.90	2800	2700	2700	2700	1900	1900	1800	1800	1300	1100	900	700
	.50	2200	2200	2100	2100	1500	1300	1300	1300	1000	600	500	300
	.10	1900	1800	1400	1300	1000	1000	800	800	300	0	0	0
	.90	4500	4500	4400	4400	4100	4000	3600	3200	2800	2200	2000	2000
	.50	3900	3900	3800	3800	3500	3400	3000	2600	2200	1800	1500	1400
	.10	2800	2800	2700	2700	2400	2300	2000	1900	1300	1100	700	500
3500	.90	2100	1600	1600	1400	1200	1100	1000	900	700	400	0	0
	.50	2000	1500	1400	1300	1100	1000	800	700	400	0	0	0
	.10	1700	1200	1200	1000	800	700	500	400	100	0	0	0
	.90	2800	2800	2700	2700	2200	1900	1900	1800	1300	1100	900	800
	.50	2200	2200	2200	2100	2100	1500	1300	1300	1100	700	500	300
	.10	1900	1900	1600	1400	1200	1000	900	800	400	100	0	0
	.90	4600	4600	4500	4500	4200	4000	3900	3400	2800	2200	2000	2000
	.50	4000	4000	3900	3900	3500	3400	3300	2800	2300	1900	1500	1400
	.10	2900	2900	2800	2800	2500	2300	2200	2000	1400	1100	800	500
3600	.90	2200	2100	1600	1500	1300	1200	1100	1000	800	500	100	0
	.50	2100	2000	1500	1300	1200	1100	900	800	500	100	0	0
	.10	1800	1700	1200	1000	900	800	600	500	100	0	0	0
	.90	2800	2800	2800	2700	2700	1900	1900	1900	1400	1200	1000	900
	.50	2200	2200	2200	2200	2100	1600	1400	1300	1200	700	600	400
	.10	1900	1900	1800	1500	1200	1000	1000	900	500	100	0	0
	.90	4700	4700	4600	4500	4400	4000	3900	3600	2900	2300	2100	2000
	.50	4100	4100	4000	3900	3800	3400	3300	3000	2300	2100	1500	1400
	.10	3000	3000	2900	2800	2700	2400	2300	2100	1400	1200	800	500
3700	.90	2300	2200	1600	1600	1400	1200	1200	1100	800	500	200	0
	.50	2200	2100	1500	1500	1300	1100	1000	800	600	200	0	0
	.10	1900	1800	1200	1200	1000	800	700	600	100	0	0	0
	.90	2800	2800	2800	2800	2700	2000	1900	1900	1600	1200	1100	900
	.50	2600	2200	2200	2200	2100	1600	1500	1300	1200	700	600	500
	.10	2300	1900	1800	1600	1300	1100	1000	900	500	200	0	0
	.90	4800	4800	4700	4600	4500	4100	4000	3800	2900	2700	2100	2000
	.50	4200	4200	4100	4000	3900	3500	3400	3300	2400	2100	1500	1500
	.10	3100	3100	3000	2900	2800	2500	2300	2300	1400	1200	900	600

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
3800	.90	2300	2200	1800	1600	1500	1200	1200	900	600	300	0
	.50	2200	2100	1700	1500	1300	1100	1000	600	200	0	0
	.10	1900	1800	1400	1200	1000	800	700	200	0	0	0
	.90	2800	2800	2800	2800	2700	2100	1900	1700	1200	1100	1000
	.50	2600	2200	2200	2200	2100	1800	1400	1200	800	600	500
	.10	2300	1900	1800	1700	1300	1100	1000	600	200	0	0
	.90	4900	4900	4800	4700	4500	4200	3900	3000	2700	2100	2000
	.50	4300	4300	4200	4100	3900	3600	3300	2500	2200	1600	1500
	.10	3200	3200	3100	3000	2800	2700	2300	1500	1200	1000	600
3900	.90	2300	2300	2000	1700	1600	1400	1200	900	600	400	100
	.50	2200	2200	1900	1600	1400	1200	1000	600	300	0	0
	.10	1900	1900	1600	1300	1100	900	700	300	0	0	0
	.90	2800	2800	2800	2800	2700	2100	1900	1800	1300	1200	1000
	.50	2700	2600	2200	2200	2100	2000	1500	1300	900	600	500
	.10	2400	2300	1900	1800	1400	1100	1000	700	300	0	0
	.90	5000	5000	4900	4800	4500	4400	4000	3100	2800	2100	2100
	.50	4400	4400	4300	4200	3900	3800	3400	2500	2200	1600	1500
	.10	3300	3300	3200	3100	2900	2800	2300	1500	1200	1000	600
4000	.90	2300	2300	2200	1900	1500	1400	1200	1000	700	500	200
	.50	2200	2200	2100	1800	1500	1300	1100	700	300	100	0
	.10	1900	1900	1800	1500	1200	1000	800	300	0	0	0
	.90	2800	2800	2800	2800	2700	2200	2000	1800	1300	1200	1100
	.50	2700	2700	2200	2200	2200	2100	1500	1300	1100	700	600
	.10	2400	2400	1900	1800	1400	1200	1000	700	300	100	0
	.90	5100	5100	5000	4900	4500	4500	4000	3100	2800	2100	2100
	.50	4500	4500	4400	4300	4000	3900	3400	2600	2200	1600	1500
	.10	3400	3400	3300	3200	3000	2800	2300	1600	1200	1100	700
4100	.90	2700	2300	2200	2000	1700	1500	1200	1100	700	500	300
	.50	2600	2200	2100	1900	1600	1300	1100	700	400	100	0
	.10	2300	1900	1800	1600	1300	1000	800	300	0	0	0
	.90	2800	2800	2800	2800	2700	2300	2000	1900	1400	1200	1100
	.50	2700	2700	2200	2200	2200	2100	1600	1300	1200	700	600
	.10	2400	2400	1900	1800	1500	1200	1100	700	300	100	0
	.90	5200	5200	5100	5000	4700	4500	4000	3100	2800	2200	2100
	.50	4600	4600	4500	4400	4100	3900	3400	2600	2200	1700	1500
	.10	3500	3500	3400	3300	3000	2800	2400	1800	1300	1100	700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2700	2300	2200	2100	1700	1600	1400	1300	1100	800	600	400
	.50	2600	2200	2100	2000	1600	1300	1300	1200	700	400	200	0
	.10	2300	1900	1800	1700	1300	1000	900	800	400	0	0	0
	.90	2800	2800	2800	2800	2800	2600	2100	2100	1900	1600	1200	1200
	.50	2700	2700	2200	2200	2200	2100	1900	1600	1400	1200	700	600
	.10	2400	2400	1900	1900	1600	1200	1200	1100	700	400	200	0
	.90	5300	5300	5200	5100	4800	4500	4400	4100	3200	2800	2200	2100
	.50	4700	4700	4600	4500	4200	3900	3800	3500	2600	2200	1800	1500
	.10	3600	3600	3500	3400	3100	2900	2800	2500	1900	1300	1100	700
4300	.90	2800	2700	2300	2200	1800	1600	1500	1400	1200	900	600	500
	.50	2700	2600	2200	2100	1600	1400	1300	1200	700	500	300	0
	.10	2400	2300	1900	1800	1400	1100	900	800	400	0	0	0
	.90	3100	2800	2800	2800	2800	2700	2300	2100	1900	1700	1300	1200
	.50	3000	2700	2400	2200	2200	2200	2100	1700	1400	1200	900	700
	.10	2700	2400	2100	1900	1700	1300	1200	1100	800	400	200	0
	.90	5400	5400	5300	5200	4900	4600	4500	4200	3200	2800	2200	2100
	.50	4800	4800	4700	4600	4300	4000	3900	3600	2600	2200	1900	1600
	.10	3700	3700	3600	3500	3200	2900	2800	2700	1900	1300	1200	800
4400	.90	2800	2800	2300	2200	1800	1700	1600	1500	1200	900	700	500
	.50	2700	2700	2200	2100	1700	1500	1300	1200	800	600	300	100
	.10	2400	2400	1900	1800	1400	1200	1000	900	400	0	0	0
	.90	3100	3000	2800	2800	2800	2800	2700	2200	2000	1800	1300	1200
	.50	3000	2800	2700	2400	2200	2200	2100	2000	1400	1300	1100	700
	.10	2700	2500	2400	2100	1800	1400	1200	1200	900	400	300	100
	.90	5500	5500	5400	5300	5000	4600	4500	4400	3200	2800	2300	2100
	.50	4900	4900	4800	4700	4400	4000	3900	3800	2700	2200	2000	1600
	.10	3800	3800	3700	3600	3300	2900	2800	2800	2000	1400	1200	900
4500	.90	2800	2800	2300	2200	1900	1700	1600	1600	1200	1000	700	600
	.50	2700	2700	2200	2100	1800	1500	1300	1300	900	600	300	200
	.10	2400	2400	1900	1800	1500	1200	1000	900	500	0	0	0
	.90	3200	3100	3000	3000	2800	2800	2700	2700	2000	1800	1400	1200
	.50	3100	3000	2800	2700	2300	2200	2200	2100	1500	1300	1100	700
	.10	2800	2700	2500	2400	1900	1400	1300	1200	1000	500	300	100
	.90	5600	5600	5500	5400	5200	4700	4600	4500	3200	2800	2500	2100
	.50	5000	5000	4900	4800	4600	4100	4000	3900	2800	2300	2100	1600
	.10	3900	3900	3800	3700	3500	3000	2900	2800	2000	1400	1200	1000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2800	2800	2700	2300	2000	1800	1700	1600	1300	1100	800	700
	.50	2700	2700	2200	2200	1900	1600	1400	1300	1000	600	400	200
	.10	2400	2400	1900	1900	1500	1200	1100	900	500	0	0	0
	.90	3400	3300	3100	3000	2900	2800	2800	2700	2000	1900	1600	1300
	.50	3300	3200	3000	2700	2400	2200	2200	2200	1600	1300	1200	800
	.10	3000	2900	2700	2400	2000	1500	1400	1300	1000	600	300	200
	.90	5700	5700	5600	5500	5300	5000	4600	4500	3500	2900	2700	2200
	.50	5100	5100	5000	4900	4700	4400	4000	3900	2900	2300	2200	1600
	.10	4000	4000	3900	3800	3600	3300	2900	2800	2100	1400	1200	1000
4700	.90	3100	2800	2700	2700	2200	1900	1800	1700	1300	1100	900	700
	.50	3000	2700	2300	2200	2100	1600	1500	1300	1100	700	500	300
	.10	2700	2400	2000	1900	1600	1300	1100	1000	600	100	0	0
	.90	3500	3400	3200	3100	3000	2800	2800	2800	2100	1900	1700	1300
	.50	3400	3300	3100	2800	2500	2300	2200	2200	1700	1400	1200	900
	.10	3100	3000	2800	2500	2000	1700	1400	1300	1100	700	400	200
	.90	5800	5800	5800	5700	5400	5300	5000	4600	3900	2900	2700	2200
	.50	5200	5200	5200	5100	4800	4700	4400	4000	3300	2400	2200	1700
	.10	4100	4100	4100	4000	3700	3600	3300	2900	2300	1500	1300	1100
4800	.90	3100	2800	2700	2700	2300	1900	1900	1800	1400	1100	900	700
	.50	3000	2700	2500	2300	2100	1700	1600	1400	1100	700	500	300
	.10	2700	2400	2200	2000	1800	1300	1200	1000	600	100	0	0
	.90	3500	3400	3200	3100	3000	2800	2800	2800	2200	1900	1800	1300
	.50	3400	3300	3100	2900	2500	2400	2200	2200	1800	1400	1300	1100
	.10	3100	3000	2800	2600	2000	1800	1400	1400	1100	700	400	300
	.90	6000	5900	5900	5800	5500	5300	5300	5000	4000	2900	2800	2200
	.50	5400	5300	5300	5200	4900	4700	4700	4400	3400	2500	2200	1800
	.10	4300	4200	4200	4100	3800	3600	3600	3300	2300	1500	1300	1200
4900	.90	3200	2900	2800	2700	2500	2000	1900	1900	1500	1200	1000	800
	.50	3100	2800	2700	2500	2100	1900	1600	1500	1200	700	600	400
	.10	2800	2500	2400	2200	1900	1400	1200	1100	700	200	0	0
	.90	3500	3400	3200	3200	3100	2900	2800	2800	2300	2000	1800	1500
	.50	3400	3300	3100	2900	2600	2400	2300	2200	2100	1400	1300	1200
	.10	3100	3000	2800	2600	2100	1900	1500	1400	1200	800	500	300
	.90	6100	6100	6000	5900	5600	5400	5300	5300	4100	3000	2800	2300
	.50	5500	5500	5400	5300	5000	4800	4700	4700	3500	2600	2200	2000
	.10	4400	4400	4300	4200	3900	3700	3600	3600	2500	1700	1300	1200

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	.90	3200	3100	2900	2800	2700	2200	1900	1600	1200	1100	900
	.50	.50	3100	3000	2800	2700	2200	2100	1700	1200	700	600	500
	.10	.10	2800	2700	2500	2400	1900	1500	1200	700	300	0	0
	.90	.90	3500	3400	3300	3200	3100	3000	2800	2700	2000	1900	1600
	.50	.50	3400	3300	3100	3000	2600	2500	2400	2200	1500	1300	1200
	.10	.10	3100	3000	2800	2700	2200	1900	1600	1200	900	500	300
	.90	.90	6200	6200	6100	6000	5700	5400	5300	4400	3100	2800	2500
	.50	.50	5600	5600	5500	5400	5100	4800	4700	3800	2600	2300	2100
	.10	.10	4500	4500	4400	4300	4000	3700	3600	2800	1900	1400	1200
5100	.90	.90	3400	3300	3200	2900	2700	2400	1900	1700	1200	1100	900
	.50	.50	3300	3200	3100	2800	2300	2100	1600	1300	800	600	500
	.10	.10	3000	2900	2800	2500	2000	1600	1200	700	300	0	0
	.90	.90	3500	3400	3300	3300	3100	3000	2900	2700	2000	1900	1700
	.50	.50	3400	3300	3100	3000	2700	2500	2400	2200	1500	1300	1300
	.10	.10	3100	3000	2800	2700	2300	1900	1700	1200	1000	600	400
	.90	.90	6400	6300	6300	6200	5900	5500	5400	4600	3200	2900	2700
	.50	.50	5800	5700	5700	5600	5300	4900	4800	4000	2700	2300	2200
	.10	.10	4700	4600	4600	4500	4200	3800	3700	2900	1900	1400	1200
5200	.90	.90	3500	3400	3200	3000	2800	2400	2200	1800	1300	1100	1000
	.50	.50	3400	3300	3100	2900	2300	2200	2100	1300	1000	700	500
	.10	.10	3100	3000	2800	2600	2000	1800	1400	800	300	0	0
	.90	.90	3500	3500	3400	3300	3100	3100	3000	2800	2000	1900	1800
	.50	.50	3400	3300	3200	3000	2800	2500	2400	2200	1600	1400	1300
	.10	.10	3100	3000	2900	2700	2400	2000	1800	1200	1000	600	400
	.90	.90	6700	6600	6600	6500	6200	6000	5400	4800	3300	2900	2800
	.50	.50	6100	6000	6000	5900	5600	5400	4900	4200	2900	2400	2200
	.10	.10	5000	4900	4900	4800	4500	4300	3800	3100	2100	1500	1300
5300	.90	.90	3500	3400	3200	3000	2800	2700	2300	1800	1300	1200	1100
	.50	.50	3400	3300	3100	2900	2400	2200	2100	1300	1100	700	600
	.10	.10	3100	3000	2800	2600	2100	1800	1300	900	400	100	0
	.90	.90	3600	3600	3500	3400	3200	3100	2900	2800	2100	1900	1800
	.50	.50	3400	3300	3100	3000	2800	2600	2400	2200	1600	1400	1300
	.10	.10	3100	3000	2800	2700	2400	2000	1700	1200	1100	700	400
	.90	.90	7000	6900	6900	6800	6500	6200	5700	5300	3900	3000	2800
	.50	.50	6400	6300	6300	6200	5900	5600	5100	4700	3300	2500	2200
	.10	.10	5300	5200	5200	5100	4800	4500	4000	3600	2300	1600	1300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3500	3400	3200	3100	2800	2700	2300	2100	1900	1500	1200	1100
	.50	3400	3300	3100	3000	2500	2200	2100	1900	1400	1200	700	600
	.10	3100	3000	2800	2700	2200	1900	1400	1300	900	400	200	0
	.90	3900	3900	3600	3500	3300	3100	3100	3000	2800	2100	2000	1900
	.50	3400	3300	3200	3100	2900	2700	2500	2500	2200	1700	1400	1300
	.10	3100	2900	2800	2700	2400	2000	1900	1800	1300	1100	700	400
	.90	7300	7300	7200	7100	6800	6400	5200	6200	5400	4000	3100	2800
	.50	6700	6700	6600	6500	6200	5800	5600	5600	4800	3400	2600	2300
	.10	5600	5600	5500	5400	5100	4700	4500	4500	3700	2500	1800	1400
5500	.90	3500	3400	3200	3100	2800	2700	2400	2200	1900	1600	1200	1100
	.50	3400	3300	3100	3000	2600	2200	2100	2100	1400	1200	800	600
	.10	3100	3000	2800	2700	2300	1900	1500	1400	900	500	200	0
	.90	3900	3900	3900	3700	3400	3100	3100	3000	2800	2200	2000	1900
	.50	3400	3300	3300	3100	3000	2700	2600	2500	2200	1800	1400	1300
	.10	3100	2900	2800	2700	2400	2100	1900	1800	1300	1100	800	500
	.90	7600	7600	7500	7400	7100	6700	6200	6200	5400	4500	3200	2900
	.50	7000	7000	6900	6800	6500	6100	5600	5600	4800	3900	2700	2400
	.10	5900	5900	5800	5700	5400	5000	4500	4500	3700	2800	1900	1500
5600	.90	3500	3400	3200	3100	2800	2700	2500	2300	1900	1700	1300	1200
	.50	3400	3300	3100	3000	2700	2200	2200	2100	1500	1300	900	700
	.10	3100	3000	2800	2700	2400	1900	1700	1400	1000	500	300	0
	.90	4000	4000	3900	3900	3500	3200	3100	3100	2800	2200	2000	1900
	.50	3400	3400	3300	3300	3100	2800	2600	2500	2200	1900	1500	1400
	.10	3100	3100	2800	2700	2400	2100	2000	1900	1400	1100	800	500
	.90	7900	7900	7800	7700	7500	7000	6500	6200	5500	4600	3300	3000
	.50	7300	7300	7200	7100	6900	6400	5900	5600	4900	4000	2900	2500
	.10	6200	6200	6100	6000	5800	5300	4800	4500	3800	2900	2100	1600
5700	.90	3500	3400	3300	3200	2900	2800	2700	2300	2000	1800	1300	1200
	.50	3400	3300	3200	3100	2700	2300	2200	2100	1500	1300	1100	700
	.10	3100	3000	2900	2800	2400	2000	1700	1400	1000	500	300	100
	.90	4000	4000	4000	3900	3700	3300	3100	3100	2800	2300	2000	1900
	.50	3400	3400	3400	3400	3200	2900	2700	2600	2200	2000	1500	1400
	.10	3100	3100	2800	2700	2400	2200	2000	1900	1400	1200	900	600
	.90	8300	8300	8200	8100	7800	7300	6900	6400	5500	5300	3700	3100
	.50	7700	7700	7600	7500	7200	6700	6300	5800	4900	4700	3300	2600
	.10	6600	6600	6500	6400	6100	5600	5200	4700	3800	3600	2300	1700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION 2 EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5800 .90	3500	3400	3200	3100	2800	2800	2700	2400	2000	1800	1400	1200
.50	3400	3300	3100	3000	2700	2300	2200	2200	1600	1300	1100	700
.10	3100	3000	2800	2700	2400	2000	1800	1400	1100	600	300	100
.90	4300	4100	4000	4000	3900	3400	3200	3100	2800	2400	2000	2000
.50	4200	3500	3400	3400	3300	3000	2800	2600	2300	2100	1600	1400
.10	3900	3100	2800	2700	2500	2300	2100	2000	1400	1200	1000	600
.90	8600	8600	8500	8400	8100	7700	7200	6700	6100	5400	4000	3200
.50	8000	8000	7900	7800	7500	7100	6600	6100	5500	4800	3400	2700
.10	6900	6900	6800	6700	6400	6000	5500	5000	4400	3700	2500	1900
.90	3500	3300	3200	3100	2800	2800	2700	2600	2000	1900	1600	1200
.50	3400	3200	3100	3000	2700	2300	2200	2200	1600	1300	1200	800
.10	3100	2900	2800	2700	2400	2000	1900	1400	1100	700	400	200
.90	4300	4200	4100	4000	3900	3600	3200	3200	2800	2600	2100	2000
.50	4200	3600	3500	3400	3400	3100	2800	2700	2300	2100	1600	1400
.10	3900	3100	2900	2800	2500	2300	2200	2000	1400	1200	1000	700
.90	9000	9000	8900	8800	8500	8000	7600	7100	6200	5400	4400	3300
.50	8400	8400	8300	8200	7900	7400	7000	6500	5600	4800	3800	2700
.10	7300	7300	7200	7100	6800	6300	5900	5400	4500	3700	2800	2000
.90	3500	3400	3200	3100	2900	2800	2800	2700	2100	1900	1600	1300
.50	3400	3300	3100	3000	2700	2300	2200	2200	1700	1400	1200	900
.10	3100	3100	2800	2700	2400	2000	1900	1600	1100	700	400	200
.90	4400	4300	4300	4200	4000	3800	3300	3200	2800	2700	2100	2000
.50	4200	3700	3700	3600	3400	3200	3000	2800	2300	2200	1600	1500
.10	3900	3100	2900	2800	2500	2400	2300	2100	1500	1200	1100	700
.90	9400	9300	9300	9200	8900	8400	7900	7500	6200	5400	4600	3400
.50	8800	8700	8700	8600	8300	7800	7300	6900	5600	4800	4000	3000
.10	7700	7600	7600	7500	7200	6700	6200	5800	4500	3700	3000	2300
.90	3500	3400	3200	3100	3000	2800	2800	2800	2100	1900	1700	1300
.50	3400	3300	3100	3000	2800	2400	2300	2200	1700	1400	1300	1000
.10	3100	3100	2800	2700	2500	2000	1900	1700	1200	700	400	300
.90	4500	4400	4400	4300	4000	3900	3500	3200	2900	2700	2100	2000
.50	4200	3800	3800	3700	3400	3300	3100	2800	2400	2200	1600	1500
.10	3900	3100	2900	2800	2600	2500	2300	2200	1500	1200	1100	700
.90	9700	9700	9600	9500	9300	8800	8300	7800	6200	5500	5100	3900
.50	9100	9100	9000	8900	8700	8200	7700	7200	5600	4900	4500	3300
.10	8000	8000	7900	7800	7600	7100	6600	6100	4500	3800	3500	2400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3500	3400	3300	3100	3000	2800	2800	2800	2200	1900	1800	1400
	.50	3400	3300	3200	3000	2800	2400	2300	2200	1900	1400	1300	1100
	.10	3100	3100	2900	2700	2500	2100	1900	1700	1200	800	500	300
	.90	4500	4500	4400	4400	4100	4000	3600	3300	2900	2700	2100	2000
	.50	4200	3900	3800	3800	3500	3400	3200	3000	2500	2200	1700	1500
	.10	3900	3100	2900	2900	2700	2500	2400	2300	1600	1300	1100	700
	.90	10100	10100	10000	9900	9600	9200	8700	8200	6300	5500	5300	4100
	.50	9500	9500	9400	9300	9000	8600	8100	7600	5700	4900	4700	3500
	.10	8400	8400	8300	8200	7900	7500	7000	6500	4600	3800	3600	2700
6300	.90	4300	3400	3300	3200	3000	2900	2800	2800	2300	2000	1800	1600
	.50	4200	3300	3200	3100	2800	2500	2400	2300	2100	1500	1300	1200
	.10	3900	3100	2900	2800	2500	2100	1900	1800	1200	900	500	300
	.90	4600	4600	4500	4500	4200	4000	3900	3400	2900	2800	2100	2000
	.50	4200	4000	3900	3900	3600	3400	3300	3100	2500	2200	1700	1500
	.10	3900	3100	3000	2900	2800	2600	2500	2300	1700	1300	1100	700
	.90	10200	10200	10200	10100	9800	9300	8800	8300	6300	5500	5400	4200
	.50	9600	9600	9600	9500	9200	8700	8200	7700	5700	4900	4800	3700
	.10	8500	8500	8500	8400	8100	7600	7100	6600	4600	3800	3700	2800
6400	.90	4300	3500	3300	3200	3100	2900	2800	2800	2500	2000	1900	1600
	.50	4200	3400	3200	3100	2900	2500	2400	2300	2100	1500	1300	1200
	.10	3900	3100	2900	2800	2500	2100	1900	1800	1300	1000	600	400
	.90	4700	4700	4600	4500	4400	4000	3900	3600	3000	2800	2200	2100
	.50	4200	4100	4000	3900	3800	3400	3400	3200	2500	2200	1700	1500
	.10	3900	3200	3000	3000	2900	2700	2500	2400	1800	1300	1200	800
	.90	10300	10300	10300	10200	9900	9400	8900	8400	6300	5500	5400	4500
	.50	9700	9700	9700	9600	9300	8800	8300	7800	5700	4900	4800	4000
	.10	8600	8600	8600	8500	8200	7700	7200	6700	4600	3800	3700	2900
6500	.90	4300	3500	3300	3300	3100	3000	2900	2800	2700	2000	1900	1700
	.50	4200	3400	3200	3200	2800	2600	2500	2400	2200	1600	1400	1300
	.10	3900	3100	2900	2900	2500	2200	2000	1900	1300	1100	700	400
	.90	4800	4800	4700	4600	4500	4100	4000	3800	3100	2800	2200	2100
	.50	4200	4200	4100	4000	3900	3500	3400	3300	2600	2200	1800	1500
	.10	3900	3300	3100	3100	2900	2800	2600	2500	1900	1400	1200	800
	.90	10400	10400	10300	10200	10000	9500	9000	8500	6300	5700	5400	4700
	.50	9800	9800	9700	9600	9400	8900	8400	7900	5700	5100	4800	4100
	.10	8700	8700	8600	8500	8300	7800	7300	6800	4600	4000	3700	3100

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4300	3500	3300	3300	3200	3100	2900	2900	2800	2000	1900	1800
	.50	4200	3400	3200	3200	2900	2700	2500	2400	2200	1700	1400	1300
	.10	3900	3100	2900	2900	2600	2300	2000	1900	1300	1100	700	400
	.90	4900	4900	4800	4700	4500	4200	4000	3900	3100	2800	2200	2100
	.50	4300	4300	4200	4100	3900	3700	3400	3400	2600	2200	1900	1600
	.10	3900	3400	3200	3100	3000	2800	2700	2600	1900	1400	1200	900
	.90	10500	10500	10400	10300	10000	9600	9100	8600	6300	6100	5500	4900
	.50	9900	9900	9800	9700	9400	9000	8500	8000	5700	5500	4900	4300
	.10	8800	8800	8700	8600	8300	7900	7400	6900	4600	4400	3800	3400
6700	.90	4300	3500	3400	3300	3200	3100	3000	2900	2800	2100	1900	1800
	.50	4200	3400	3300	3200	3000	2700	2600	2500	2200	1700	1400	1300
	.10	3900	3100	3000	2900	2700	2400	2000	1900	1400	1100	800	500
	.90	5000	5000	4900	4800	4500	4400	4000	4000	3100	2800	2300	2100
	.50	4400	4400	4300	4200	3900	3800	3500	3400	2700	2200	2000	1600
	.10	3900	3500	3300	3200	3100	2900	2800	2600	2000	1400	1200	1000
	.90	10600	10600	10500	10400	10100	9600	9200	8700	6300	6200	5500	5300
	.50	10000	10000	9900	9800	9500	9000	8600	8100	5700	5600	4900	4700
	.10	8900	8900	8800	8700	8400	7900	7500	7000	4600	4500	3800	3600
6800	.90	4300	3600	3400	3400	3300	3100	3000	3000	2800	2100	2000	1900
	.50	4200	3500	3300	3200	3100	2800	2600	2500	2200	1800	1400	1300
	.10	3900	3200	3100	2900	2800	2500	2000	1900	1400	1100	800	500
	.90	5100	5100	5000	4900	4600	4500	4100	4000	3200	2800	2300	2100
	.50	4600	4500	4400	4300	4000	3900	3600	3400	2800	2300	2100	1600
	.10	4300	3600	3400	3300	3100	2900	2800	2700	2100	1400	1200	1100
	.90	10600	10600	10500	10400	10100	9700	9200	8700	6300	6200	5500	5300
	.50	10000	10000	9900	9800	9500	9100	8600	8100	5700	5600	4900	4700
	.10	8900	8900	8800	8700	8400	8000	7500	7000	4600	4500	3800	3700
6900	.90	4300	3600	3500	3400	3300	3100	3100	3000	2800	2200	2000	1900
	.50	4200	3500	3300	3300	3100	2900	2700	2600	2200	1900	1500	1400
	.10	3900	3300	3100	3000	2800	2500	2100	2000	1400	1200	900	500
	.90	5200	5200	5100	5000	4700	4500	4300	4000	3200	2800	2600	2100
	.50	4600	4600	4500	4400	4100	3900	3800	3500	2900	2300	2200	1600
	.10	4300	3600	3500	3400	3200	3000	2900	2800	2200	1500	1200	1100
	.90	10500	10400	10400	10300	10000	9500	9000	8600	6300	6200	5500	5400
	.50	9900	9800	9800	9700	9400	8900	8400	8000	5700	5600	4900	4800
	.10	8800	8700	8700	8600	8300	7800	7300	6900	4600	4500	3800	3700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		4300	3900	3700	3600	3400	3200	3100	3100	2800	2200	1900
	.50		4200	3700	3400	3300	3200	2900	2800	2600	2200	2000	1400
	.10		3900	3400	3100	3100	2900	2600	2400	2000	1400	1200	600
	.90	.50	5300	5300	5200	5100	4800	4500	4400	4100	3200	2900	2200
	.50		4700	4700	4600	4500	4200	3900	3900	3600	2900	2400	1700
	.10		4400	3700	3600	3500	3300	3100	2900	2800	2300	1500	1100
	.90	.10	10300	10300	10200	10200	9900	9400	8900	8400	6300	5500	5400
	.50		9700	9700	9600	9600	9300	8800	8300	7800	5700	4900	4800
	.10		8600	8600	8500	8500	8200	7700	7200	6700	4600	3800	3700





TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
2200	.90	800	600	500	400	200	100	0	0	0	0	0	0
	.50	400	300	100	0	0	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1000	900	800	600	500	400	200	200	0	0	0	0
	.50	600	600	400	300	100	0	0	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	2000	2000	1900	1800	1800	1600	1600	1500	1000	700	600	400
	.50	1000	1000	900	700	600	500	400	400	200	0	0	0
	.10	700	400	300	200	0	0	0	0	0	0	0	0
2300	.90	800	600	500	500	300	100	100	0	0	0	0	0
	.50	400	300	100	100	0	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1300	1000	900	800	600	400	300	200	0	0	0	0
	.50	900	600	500	400	200	0	0	0	0	0	0	0
	.10	400	100	0	0	0	0	0	0	0	0	0	0
	.90	2100	2100	2000	1900	1800	1700	1600	1600	1100	800	600	400
	.50	1000	1000	900	700	700	500	500	400	200	0	0	0
	.10	700	400	300	300	100	0	0	0	0	0	0	0
	.90	900	800	500	500	300	200	100	0	0	0	0	0
	.50	500	400	200	100	0	0	0	0	0	0	0	0
	.10	300	0	0	0	0	0	0	0	0	0	0	0
	.90	1300	1100	900	800	500	500	400	300	0	0	0	0
	.50	900	700	500	400	300	100	0	0	0	0	0	0
	.10	400	300	0	0	0	0	0	0	0	0	0	0
	.90	2200	2200	2100	2000	1800	1700	1600	1600	1300	800	600	500
	.50	1500	1000	900	800	700	600	500	500	300	0	0	0
	.10	1000	400	300	300	100	0	0	0	0	0	0	0
	.90	900	800	600	500	400	200	100	0	0	0	0	0
	.50	600	400	300	100	0	0	0	0	0	0	0	0
	.10	300	0	0	0	0	0	0	0	0	0	0	0
	.90	1300	1100	1000	900	700	500	400	400	0	0	0	0
	.50	900	700	600	500	400	100	100	0	0	0	0	0
	.10	400	300	100	0	0	0	0	0	0	0	0	0
	.90	2300	2300	2200	2100	1800	1800	1600	1600	1400	900	700	500
	.50	1600	1500	1000	900	800	700	500	500	300	100	0	0
	.10	1100	1000	400	300	200	0	0	0	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1000	900	800	600	500	300	200	100	0	0	0	0
	.50	700	500	400	300	100	0	0	0	0	0	0	0
	.10	400	100	0	0	0	0	0	0	0	0	0	0
	.90	1300	1300	1100	900	800	600	500	400	100	0	0	0
	.50	900	900	700	600	400	200	100	0	0	0	0	0
	.10	600	300	100	0	0	0	0	0	0	0	0	0
	.90	2600	2600	2300	2200	1900	1800	1700	1600	1500	900	700	600
	.50	1700	1600	1200	1000	900	700	700	500	300	100	0	0
	.10	1200	1100	500	400	300	0	0	0	0	0	0	0
2700	.90	1000	1000	800	700	500	400	200	100	0	0	0	0
	.50	700	600	400	400	100	0	0	0	0	0	0	0
	.10	400	200	0	0	0	0	0	0	0	0	0	0
	.90	1300	1300	1100	1000	900	600	500	500	100	0	0	0
	.50	900	900	700	600	500	300	100	100	0	0	0	0
	.10	600	300	200	100	0	0	0	0	0	0	0	0
	.90	2600	2600	2600	2400	2100	1800	1800	1700	1500	1000	800	600
	.50	1700	1600	1200	1200	1000	800	700	600	400	100	0	0
	.10	1200	1100	700	500	300	100	0	0	0	0	0	0
2800	.90	1300	1000	900	800	600	400	300	200	0	0	0	0
	.50	900	700	500	400	200	100	0	0	0	0	0	0
	.10	400	200	0	0	0	0	0	0	0	0	0	0
	.90	1300	1300	1100	1100	900	700	600	500	200	0	0	0
	.50	1000	900	700	700	500	300	200	100	0	0	0	0
	.10	700	300	200	100	0	0	0	0	0	0	0	0
	.90	2700	2700	2600	2600	2200	1900	1800	1700	1500	1000	800	700
	.50	1700	1700	1400	1200	1100	900	800	700	400	200	0	0
	.10	1200	1200	900	700	400	100	0	0	0	0	0	0
2900	.90	1300	1100	900	900	500	500	400	200	0	0	0	0
	.50	900	700	600	500	300	100	0	0	0	0	0	0
	.10	600	300	100	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1200	1100	900	800	600	500	300	0	0	0
	.50	1000	900	800	700	500	400	200	100	0	0	0	0
	.10	700	400	300	200	0	0	0	0	0	0	0	0
	.90	2700	2700	2700	2600	2400	2000	1800	1800	1600	1100	800	700
	.50	1700	1700	1600	1400	1200	1000	900	800	500	300	0	0
	.10	1200	1200	1100	800	400	200	100	0	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning #UA - CHUM: SPawning MONTH - DECEMBER INCUBATION MONTH - MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1300	1100	1000	900	800	500	400	300	0	0	0	0
	.50	900	700	600	500	400	100	100	0	0	0	0	0
	.10	600	300	100	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1100	1000	900	700	600	400	0	0	0
	.50	1000	900	900	700	500	400	300	200	0	0	0	0
	.10	700	400	300	200	0	0	0	0	0	0	0	0
	.90	2800	2800	2700	2700	2600	2100	1900	1800	1600	1200	900	700
	.50	2100	1700	1600	1500	1300	1200	1000	900	500	300	100	0
	.10	1600	1200	1100	900	500	300	100	0	0	0	0	0
3100	.90	1300	1300	1000	900	800	600	500	400	0	0	0	0
	.50	1000	900	700	600	400	200	100	0	0	0	0	0
	.10	700	300	200	100	0	0	0	0	0	0	0	0
	.90	1800	1400	1400	1300	1100	900	800	700	400	100	0	0
	.50	1500	1000	900	700	600	500	300	200	0	0	0	0
	.10	1000	400	300	300	100	0	0	0	0	0	0	0
	.90	2900	2900	2800	2700	2600	2300	2000	1900	1600	1300	900	800
	.50	2100	1700	1600	1500	1400	1200	1100	900	500	300	100	0
	.10	1600	1200	1100	1000	600	300	100	100	0	0	0	0
3200	.90	1300	1300	1100	1000	900	600	500	500	100	0	0	0
	.50	1000	900	700	700	500	300	100	100	0	0	0	0
	.10	700	300	200	100	0	0	0	0	0	0	0	0
	.90	1900	1800	1400	1400	1100	1000	900	800	500	100	0	0
	.50	1600	1500	900	800	700	500	400	300	0	0	0	0
	.10	1100	1000	400	300	100	0	0	0	0	0	0	0
	.90	3100	3000	3000	2900	2700	2500	2100	1900	1600	1400	900	800
	.50	2200	2100	1700	1600	1500	1300	1200	1000	600	300	100	0
	.10	1700	1600	1200	1100	700	400	200	100	0	0	0	0
3300	.90	1300	1300	1100	1000	900	700	600	500	100	0	0	0
	.50	1000	900	700	700	500	300	200	100	0	0	0	0
	.10	700	300	300	200	0	0	0	0	0	0	0	0
	.90	2000	1900	1400	1400	1300	1100	900	900	500	100	0	0
	.50	1700	1600	1000	900	700	500	400	400	0	0	0	0
	.10	1200	1100	500	400	200	0	0	0	0	0	0	0
	.90	3200	3100	3100	3000	2700	2600	2300	2000	1600	1400	1000	800
	.50	2200	2200	1700	1700	1600	1300	1300	1100	600	300	100	0
	.10	1700	1700	1200	1100	700	400	300	100	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	1500	1300	1100	1100	900	800	500	500	200	0	0	0
	.50	1200	900	800	700	500	400	200	100	0	0	0	0
	.10	900	400	300	200	0	0	0	0	0	0	0	0
	.90	2000	1900	1500	1400	1400	1100	1000	900	600	200	0	0
	.50	1700	1600	1200	1000	800	600	500	400	0	0	0	0
	.10	1200	1100	700	500	300	0	0	0	0	0	0	0
	.90	3200	3200	3100	3100	2900	2700	2400	2100	1600	1400	1000	800
	.50	2200	2200	1800	1800	1600	1500	1300	1200	700	400	200	0
	.10	1700	1700	1200	1200	900	500	300	200	0	0	0	0
3500	.90	1800	1300	1300	1100	900	800	600	600	200	0	0	0
	.50	1500	1000	900	700	600	400	300	200	0	0	0	0
	.10	1000	600	300	300	100	0	0	0	0	0	0	0
	.90	2000	2000	1700	1500	1400	1300	1100	1000	700	300	0	0
	.50	1700	1700	1400	1100	900	700	500	500	100	0	0	0
	.10	1200	1200	1000	700	300	100	0	0	0	0	0	0
	.90	3300	3300	3200	3200	2900	2700	2600	2300	1700	1500	1000	900
	.50	2200	2200	2000	1900	1700	1600	1300	1300	800	400	300	0
	.10	1700	1700	1400	1200	1000	500	400	200	0	0	0	0
3600	.90	1900	1800	1300	1100	1000	900	700	600	300	0	0	0
	.50	1600	1500	900	800	500	500	300	200	0	0	0	0
	.10	1100	1000	400	300	100	0	0	0	0	0	0	0
	.90	2000	2000	1900	1600	1400	1300	1100	1100	700	400	100	0
	.50	1700	1700	1600	1300	1000	700	600	500	100	0	0	0
	.10	1200	1200	1100	800	400	100	0	0	0	0	0	0
	.90	3400	3400	3300	3200	3100	2700	2700	2500	1800	1500	1100	900
	.50	2500	2400	2200	2000	1800	1700	1500	1300	800	400	300	0
	.10	2000	1800	1700	1400	1100	600	400	300	0	0	0	0
3700	.90	2000	1900	1300	1300	1100	900	800	700	300	0	0	0
	.50	1700	1600	1000	900	700	500	400	300	0	0	0	0
	.10	1200	1100	500	400	200	0	0	0	0	0	0	0
	.90	2400	2000	1900	1700	1500	1400	1200	1100	700	500	100	0
	.50	2100	1700	1600	1400	1000	700	600	500	100	0	0	0
	.10	1600	1200	1100	900	500	200	100	0	0	0	0	0
	.90	3500	3500	3400	3300	3200	2800	2700	2600	1800	1500	1100	900
	.50	2700	2600	2400	2200	1900	1700	1600	1400	900	400	300	100
	.10	2100	2000	1800	1700	1200	700	500	300	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH -- DECEMBER INCUBATION MONTH -- MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2000	1900	1500	1300	1100	900	900	800	400	0	0	0
	.50	1700	1600	1200	1000	900	500	500	400	0	0	0	0
	.10	1200	1100	700	500	300	0	0	0	0	0	0	0
	.90	2400	2000	1900	1800	1500	1400	1300	1100	800	500	100	0
	.50	2100	1700	1600	1500	1100	800	700	500	200	0	0	0
	.10	1600	1200	1200	1000	600	300	100	0	0	0	0	0
	.90	3600	3600	3500	3400	3200	3000	2700	2700	1900	1600	1200	900
	.50	2800	2700	2500	2200	2000	1800	1700	1500	1000	500	300	100
	.10	2200	2100	1900	1700	1200	800	500	400	0	0	0	0
3900	.90	2000	2000	1700	1400	1200	1000	900	800	400	0	0	0
	.50	1700	1700	1400	1100	900	600	500	400	0	0	0	0
	.10	1200	1200	1000	700	300	100	0	0	0	0	0	0
	.90	2500	2400	2000	1900	1500	1400	1300	1200	900	500	200	0
	.50	2200	2100	1700	1600	1100	900	700	600	200	0	0	0
	.10	1700	1600	1200	1100	600	300	100	0	0	0	0	0
	.90	3700	3700	3600	3500	3200	3100	2900	2700	1900	1600	1300	900
	.50	2800	2700	2500	2300	2100	1800	1700	1600	1000	500	300	100
	.10	2200	2100	1900	1700	1200	800	500	400	0	0	0	0
4000	.90	2000	2000	1900	1600	1300	1100	900	900	400	0	0	0
	.50	1700	1700	1600	1300	900	700	500	500	0	0	0	0
	.10	1400	1200	1100	900	400	100	0	0	0	0	0	0
	.90	2500	2500	2000	1900	1500	1500	1400	1300	900	600	400	100
	.50	2200	2200	1700	1600	1200	900	700	600	300	0	0	0
	.10	1700	1700	1200	1100	700	400	200	0	0	0	0	0
	.90	3800	3800	3700	3600	3300	3200	2900	2700	1900	1600	1300	1000
	.50	2800	2700	2600	2400	2200	1900	1800	1700	1100	500	300	200
	.10	2200	2100	2000	1700	1300	900	600	400	0	0	0	0
4100	.90	2400	2000	1900	1700	1400	1100	1000	900	500	0	0	0
	.50	2100	1700	1600	1400	1000	700	600	500	0	0	0	0
	.10	1600	1200	1100	1000	500	200	0	0	0	0	0	0
	.90	2500	2500	2000	1900	1600	1500	1400	1300	900	600	400	100
	.50	2200	2200	1700	1600	1300	900	800	700	300	0	0	0
	.10	1700	1700	1200	1100	800	400	200	100	0	0	0	0
	.90	3900	3900	3800	3700	3400	3200	3000	2800	2000	1600	1400	1000
	.50	2800	2700	2600	2500	2200	2000	1800	1700	1200	600	400	300
	.10	2200	2100	2000	1700	1300	1100	600	500	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2400	2000	1900	1800	1400	1100	1100	900	500	0	0	0
	.50	2100	1700	1600	1500	1000	800	600	500	100	0	0	0
	.10	1600	1200	1200	1000	600	300	100	0	0	0	0	0
	.90	2500	2500	2000	2000	1700	1500	1400	1400	1000	700	500	100
	.50	2200	2200	1700	1700	1300	1000	800	700	300	0	0	0
	.10	1700	1700	1200	1200	900	500	300	100	0	0	0	0
	.90	4000	4000	3900	3800	3500	3200	3100	2800	2100	1600	1400	1000
	.50	2800	2700	2600	2500	2300	2100	1800	1800	1200	700	400	300
	.10	2200	2100	2000	1800	1400	1100	600	500	100	0	0	0
4300	.90	2500	2400	2000	1900	1500	1200	1100	1000	500	100	0	0
	.50	2200	2100	1700	1600	1100	900	700	500	100	0	0	0
	.10	1700	1600	1200	1100	600	300	100	0	0	0	0	0
	.90	2800	2500	2200	2000	1800	1500	1500	1400	1000	700	500	200
	.50	2500	2200	1800	1700	1500	1000	900	800	300	0	0	0
	.10	2000	1700	1300	1200	1000	500	300	100	0	0	0	0
4400	.90	4100	4100	4000	3900	3500	3300	3200	2900	2200	1700	1500	1100
	.50	2800	2700	2700	2600	2400	2200	1900	1800	1300	700	400	300
	.10	2200	2100	2100	1800	1500	1200	800	500	100	0	0	0
	.90	2500	2500	2000	1900	1500	1300	1100	1000	600	100	0	0
	.50	2200	2200	1700	1600	1200	900	700	600	100	0	0	0
	.10	1700	1700	1200	1100	700	400	100	0	0	0	0	0
	.90	2800	2600	2500	2200	1900	1600	1500	1500	1100	900	600	400
	.50	2500	2200	2100	1800	1600	1100	900	800	400	0	0	0
	.10	2000	1700	1600	1300	1100	600	400	200	0	0	0	0
4500	.90	4200	4200	4100	4000	3700	3300	3200	3100	2300	1700	1500	1100
	.50	2800	2800	2700	2700	2500	2200	1900	1800	1300	800	400	300
	.10	2200	2100	2000	1800	1500	1200	900	600	100	0	0	0
	.90	2500	2500	2000	1900	1500	1300	1100	1100	600	200	0	0
	.50	2200	2200	1700	1600	1200	900	700	600	200	0	0	0
	.10	1700	1700	1200	1100	800	400	200	100	0	0	0	0
	.90	2900	2800	2600	2500	2000	1600	1600	1500	1200	800	600	400
	.50	2600	2500	2200	2100	1700	1200	1000	900	400	100	0	0
	.10	2100	1900	1700	1500	1200	700	400	300	0	0	0	0
	.90	4300	4300	4200	4100	3900	3400	3300	3200	2400	1700	1500	1200
	.50	2900	2900	2800	2700	2600	2300	2000	1900	1400	800	400	300
	.10	2200	2200	2000	1800	1600	1200	900	700	200	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2500	2500	2000	2000	1600	1400	1200	1100	700	300	0	0
	.50	2200	2200	1700	1700	1300	1000	800	700	200	0	0	0
	.10	1700	1700	1200	1200	900	400	300	100	0	0	0	0
	.90	3100	3000	2800	2500	2100	1700	1600	1600	1300	900	700	500
	.50	2700	2600	2500	2200	1700	1200	1000	900	500	100	0	0
	.10	2100	2100	1900	1700	1200	800	500	300	0	0	0	0
	.90	4400	4400	4300	4200	4000	3700	3300	3200	2500	1800	1600	1300
	.50	3000	3000	2900	2800	2500	2400	2200	1900	1400	900	500	300
	.10	2200	2200	2000	1800	1500	1200	1000	800	200	0	0	0
4700	.90	2800	2500	2100	2000	1700	1400	1300	1100	700	400	0	0
	.50	2500	2200	1800	1700	1400	1000	900	700	300	0	0	0
	.10	2000	1700	1300	1200	900	500	300	100	0	0	0	0
	.90	3200	3100	2900	2600	2100	1800	1700	1600	1400	900	700	500
	.50	2800	2700	2500	2200	1800	1400	1100	900	500	200	0	0
	.10	2200	2100	2000	1700	1300	900	600	400	0	0	0	0
	.90	4500	4500	4500	4400	4100	4000	3700	3300	2600	1900	1600	1400
	.50	3100	3100	3100	3000	2700	2600	2400	2200	1600	1000	500	300
	.10	2200	2200	2100	1800	1500	1200	1100	900	300	0	0	0
4800	.90	2800	2500	2300	2100	1900	1400	1300	1200	800	400	100	0
	.50	2500	2200	1900	1700	1500	1100	900	700	300	0	0	0
	.10	2000	1700	1400	1200	1000	600	300	100	0	0	0	0
	.90	3200	3100	2900	2700	2200	1900	1700	1600	1400	1000	800	600
	.50	2800	2700	2600	2300	1800	1500	1100	1000	500	200	0	0
	.10	2200	2100	2000	1700	1300	1000	600	400	0	0	0	0
	.90	4700	4600	4600	4500	4200	4000	4000	3700	2700	1900	1600	1500
	.50	3300	3200	3200	3100	2800	2600	2600	2500	1700	1000	600	400
	.10	2200	2200	2100	1900	1500	1300	1100	900	400	0	0	0
4900	.90	2900	2600	2500	2300	2000	1500	1400	1300	900	500	100	0
	.50	2600	2200	2200	1900	1500	1200	900	700	300	0	0	0
	.10	2100	1700	1600	1400	1100	600	400	200	0	0	0	0
	.90	3200	3100	2900	2700	2300	2000	1800	1700	1500	1000	800	600
	.50	2800	2700	2600	2300	1900	1600	1200	1000	500	300	0	0
	.10	2200	2100	2000	1800	1400	1100	600	400	0	0	0	0
	.90	4800	4800	4700	4600	4300	4100	4000	4000	2800	2000	1700	1500
	.50	3600	3400	3300	3200	2900	2700	2600	2600	1800	1100	700	400
	.10	3000	2200	2100	1900	1500	1300	1200	1000	500	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	2900	2800	2600	2500	2000	1600	1400	1300	900	500	100	0
	.50	2600	2500	2200	2100	1700	1200	1000	800	300	0	0	0
	.10	2100	2000	1700	1600	1200	800	500	300	0	0	0	0
	.90	3200	3100	2900	2800	2300	2000	1900	1800	1500	1100	800	700
	.50	2800	2700	2600	2400	1900	1700	1300	1100	600	300	0	0
	.10	2200	2100	2100	1800	1400	1200	700	500	0	0	0	0
	.90	4900	4900	4800	4700	4400	4100	4100	4000	3100	2100	1700	1600
	.50	3600	3500	3400	3300	3000	2700	2700	2600	1900	1300	800	400
	.10	3000	2200	2100	2000	1700	1400	1200	1100	600	0	0	0
5100	.90	3100	3000	2900	2600	2100	1700	1500	1400	1000	600	200	0
	.50	2700	2600	2500	2200	1800	1300	1100	900	400	0	0	0
	.10	2100	2100	1900	1700	1300	900	500	400	0	0	0	0
	.90	3200	3100	2900	2800	2400	2100	2000	1800	1500	1200	900	700
	.50	2800	2700	2600	2400	2100	1700	1400	1100	700	300	100	0
	.10	2200	2200	2100	1900	1600	1200	900	500	0	0	0	0
5200	.90	5100	5000	5000	4900	4500	4200	4100	4100	3300	2300	1800	1600
	.50	3700	3600	3600	3500	3200	2800	2700	2700	1900	1300	900	500
	.10	3000	2200	2100	2000	1700	1500	1300	1200	600	100	0	0
	.90	3200	3100	2900	2700	2100	1900	1500	1400	1000	600	300	0
	.50	2800	2700	2600	2300	1800	1500	1100	900	400	0	0	0
	.10	2200	2100	2000	1700	1300	1100	600	400	0	0	0	0
	.90	3200	3100	3000	2800	2500	2100	2000	1800	1600	1300	900	700
	.50	2800	2700	2600	2500	2100	1700	1500	1200	700	300	100	0
	.10	2200	2200	2100	1900	1600	1200	900	500	0	0	0	0
5300	.90	5400	5300	5300	5200	4900	4700	4200	4100	3500	2400	1900	1600
	.50	4000	3900	3900	3800	3500	3300	2800	2700	2400	1400	1000	500
	.10	3000	2300	2200	2100	1800	1700	1500	1300	700	200	0	0
	.90	3200	3100	2900	2700	2200	1900	1500	1500	1100	700	400	100
	.50	2800	2700	2600	2300	1900	1600	1200	1000	400	0	0	0
	.10	2200	2100	2000	1800	1400	1100	600	400	0	0	0	0
	.90	3200	3100	2900	2800	2500	2200	2100	1900	1600	1300	900	800
	.50	2800	2700	2600	2500	2200	1700	1600	1200	700	300	100	0
	.10	2200	2200	2100	1900	1600	1200	1000	600	0	0	0	0
	.90	5700	5600	5600	5500	5200	4900	4800	4400	4000	2700	2000	1700
	.50	4300	4200	4200	4100	3800	3500	3400	3000	2600	1600	1100	700
	.10	3000	2600	2200	2200	2000	1800	1600	1500	700	400	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3200	3100	2900	2800	2300	2000	1600	1500	1100	700	500	100
	.50	2800	2700	2600	2400	1900	1700	1200	1000	500	0	0	0
	.10	2200	2100	2100	1800	1400	1200	800	500	0	0	0	0
	.90	3200	3000	2900	2800	2500	2300	2100	2000	1600	1400	1000	800
	.50	2800	2700	2600	2400	2200	1800	1600	1300	800	300	200	0
	.10	2200	2200	2100	1900	1700	1300	1100	600	0	0	0	0
	.90	6000	6000	5900	5800	5500	5100	4900	4900	4100	2800	2100	1700
	.50	4600	4600	4500	4400	4100	3700	3500	3500	2700	1800	1200	800
	.10	3000	2600	2500	2400	2200	2000	1700	1600	900	500	0	0
5500	.90	3200	3100	2900	2800	2400	2000	1600	1500	1100	700	500	100
	.50	2800	2700	2600	2400	2000	1700	1300	1000	500	100	0	0
	.10	2200	2200	2100	1900	1500	1200	900	500	0	0	0	0
	.90	3200	3000	2900	2800	2600	2400	2200	2100	1600	1400	1000	800
	.50	2900	2700	2600	2400	2200	1800	1600	1300	800	400	200	0
	.10	2600	2200	2100	1900	1700	1300	1100	700	0	0	0	0
	.90	6300	6300	6200	6100	5800	5400	4900	4900	4100	3200	2300	1900
	.50	4900	4900	4800	4700	4400	4000	3500	3500	2700	1900	1300	900
	.10	3000	2900	2800	2700	2500	2200	1900	1700	1200	600	100	0
5600	.90	3200	3100	2900	2800	2500	2000	1800	1500	1200	800	600	300
	.50	2800	2700	2600	2500	2100	1700	1400	1100	500	100	0	0
	.10	2200	2200	2100	1900	1600	1200	900	600	0	0	0	0
	.90	3200	3200	2900	2800	2600	2400	2200	2100	1600	1500	1100	900
	.50	2900	2800	2600	2400	2200	1800	1600	1400	900	400	300	0
	.10	2600	2200	2100	1900	1700	1300	1100	700	0	0	0	0
	.90	6600	6600	6500	6400	6200	5700	5200	4900	4200	3300	2500	2000
	.50	5200	5200	5100	5000	4800	4300	3800	3500	2800	2300	1500	1000
	.10	3200	3200	3100	3000	2800	2400	2100	1900	1400	700	300	0
5700	.90	3200	3100	3000	2900	2500	2100	1900	1600	1300	800	600	400
	.50	2800	2700	2600	2500	2200	1700	1500	1100	600	100	0	0
	.10	2200	2200	2100	1900	1600	1200	1000	600	0	0	0	0
	.90	3200	3200	2900	2800	2600	2500	2300	2200	1700	1500	1100	900
	.50	2900	2800	2600	2500	2200	1800	1600	1500	900	400	300	100
	.10	2600	2200	2100	2000	1700	1300	1200	800	100	0	0	0
	.90	7000	7000	6900	6800	6500	6000	5600	5100	4200	4000	2700	2000
	.50	5600	5600	5500	5400	5100	4600	4200	3700	2900	2600	1600	1200
	.10	3600	3600	3500	3400	3100	2600	2300	2100	1500	700	500	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3200	3100	2900	2800	2500	2100	1900	1600	1300	900	600	500
	.50	2900	2700	2600	2500	2200	1800	1500	1200	600	200	0	0
	.10	2600	2200	2100	1900	1700	1300	1100	600	0	0	0	0
	.90	4000	3200	2900	2800	2700	2600	2400	2200	1700	1500	1200	900
	.50	3600	2800	2600	2500	2200	1800	1700	1500	1000	500	300	100
	.10	3000	2200	2100	2000	1700	1300	1200	900	100	0	0	0
	.90	7300	7300	7200	7100	6800	6400	5900	5400	4800	4100	2800	2200
	.50	5900	5900	5800	5700	5400	5000	4500	4000	3400	2700	1800	1300
	.10	3900	3900	3800	3700	3400	3000	2600	2300	1500	800	600	100
5900	.90	3200	3000	2900	2800	2500	2100	2000	1600	1400	900	700	500
	.50	2900	2700	2600	2500	2200	1800	1600	1200	700	200	0	0
	.10	2600	2200	2100	1900	1700	1300	1100	700	0	0	0	0
	.90	4000	3200	3000	2900	2700	2600	2500	2400	1800	1500	1300	900
	.50	3600	2900	2700	2600	2200	1900	1700	1600	1000	500	300	100
	.10	3000	2600	2200	2100	1700	1400	1200	900	100	0	0	0
6000	.90	7700	7700	7600	7500	7200	6700	6300	5800	4900	4100	3200	2400
	.50	6300	6300	6200	6100	5800	5300	4900	4400	3500	2700	2000	1400
	.10	4300	4300	4200	4100	3800	3300	2900	2500	1500	800	600	200
	.90	3200	3200	2900	2800	2500	2200	2000	1700	1400	900	700	500
	.50	2900	2800	2600	2500	2200	1800	1600	1300	700	300	0	0
	.10	2600	2200	2100	1900	1700	1300	1200	800	0	0	0	0
	.90	4000	3200	3000	3000	2800	2700	2600	2400	1800	1500	1300	1000
	.50	3600	2900	2700	2600	2300	1900	1700	1600	1100	500	300	100
	.10	3000	2600	2200	2100	1800	1400	1200	900	200	0	0	0
	.90	8100	8000	8000	7900	7600	7100	6600	6200	4900	4100	3300	2600
	.50	6700	6600	6600	6500	6200	5700	5200	4800	3500	2800	2300	1600
	.10	4700	4600	4600	4500	4200	3700	3200	2800	1600	900	700	400
6100	.90	3200	3200	2900	2800	2600	2200	2000	1800	1400	1000	800	600
	.50	2900	2800	2600	2500	2200	1800	1700	1300	700	300	0	0
	.10	2600	2200	2100	2000	1700	1300	1200	900	0	0	0	0
	.90	4000	3200	3100	3000	2900	2700	2600	2500	1900	1600	1400	1000
	.50	3600	2900	2700	2600	2300	1900	1700	1600	1100	600	300	200
	.10	3000	2600	2200	2200	1800	1600	1200	1000	200	0	0	0
	.90	8400	8400	8300	8200	8000	7500	7000	6500	4900	4200	3800	2700
	.50	7000	7000	6900	6800	6600	6100	5600	5100	3500	2800	2600	1700
	.10	5000	5000	4900	4800	4500	4100	3600	3100	1700	1200	700	500

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning MUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3200	3200	3000	2800	2600	2200	2000	1900	1500	1100	800	600
	.50	2900	2900	2700	2500	2200	1800	1700	1400	800	300	0	0
	.10	2600	2600	2200	2000	1700	1400	1200	900	0	0	0	0
	.90	4000	3200	3200	3100	3000	2700	2700	2600	1900	1600	1400	1000
	.50	3600	2900	2700	2700	2300	2100	1800	1700	1100	700	300	200
	.10	3000	2600	2200	2200	1900	1600	1300	1100	200	0	0	0
	.90	8800	8800	8700	8600	8300	7900	7400	6900	5000	4200	4000	2800
	.50	7400	7400	7300	7200	6900	6500	6000	5500	3600	2800	2700	1900
	.10	5400	5400	5300	5200	4900	4500	4000	3500	1800	1500	800	600
6300	.90	4000	3200	3000	2900	2500	2300	2100	2000	1500	1100	800	700
	.50	3600	2900	2700	2600	2300	1900	1700	1500	800	300	100	0
	.10	3000	2600	2200	2100	1800	1400	1200	900	100	0	0	0
	.90	4000	3300	3200	3200	3100	2900	2700	2600	2000	1600	1400	1000
	.50	3600	2900	2800	2700	2400	2200	1800	1700	1200	700	400	300
	.10	3000	2600	2300	2200	2000	1700	1300	1100	300	0	0	0
	.90	8900	8900	8900	8800	8500	8000	7500	7000	5000	4200	4100	3200
	.50	7500	7500	7500	7400	7100	6600	6100	5600	3600	2800	2700	2000
	.10	5500	5500	5500	5400	5100	4600	4100	3600	1900	1500	800	600
6400	.90	4000	3200	3000	2900	2600	2400	2100	2000	1500	1200	900	700
	.50	3600	2900	2700	2600	2300	1900	1700	1500	900	300	100	0
	.10	3000	2600	2200	2100	1800	1400	1200	1000	100	0	0	0
	.90	4000	3400	3300	3200	3100	3000	2700	2700	2100	1600	1500	1100
	.50	3700	2900	2800	2700	2600	2200	1900	1800	1300	800	400	300
	.10	3200	2600	2300	2200	2100	1700	1400	1200	300	0	0	0
	.90	9000	9000	9000	8900	8600	8100	7600	7100	5000	4200	4100	3300
	.50	7600	7600	7600	7500	7200	6700	6200	5700	3600	2900	2700	2300
	.10	5600	5600	5600	5500	5200	4700	4200	3700	2000	1500	800	700
6500	.90	4000	3200	3000	3000	2500	2400	2100	2000	1600	1300	900	800
	.50	3600	2900	2700	2700	2300	1900	1700	1600	900	400	100	0
	.10	3000	2600	2200	2200	1800	1600	1200	1000	100	0	0	0
	.90	4000	3500	3400	3300	3200	3000	2900	2700	2200	1600	1500	1100
	.50	3700	3100	2900	2800	2500	2300	2100	1800	1300	800	400	300
	.10	3200	2700	2400	2300	2100	1700	1600	1200	400	0	0	0
	.90	9100	9100	9000	8900	8700	8200	7700	7200	5000	4400	4100	3400
	.50	7700	7700	7600	7500	7300	6800	6300	5800	3600	3200	2800	2600
	.10	5700	5700	5600	5500	5300	4800	4300	3800	2100	1500	800	700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4000	3200	3000	3000	2700	2400	2200	2100	1600	1400	1000	800
	.50	3600	2900	2700	2700	2400	2100	1700	1600	900	400	200	0
	.10	3000	2600	2200	2200	1900	1600	1300	1100	100	0	0	0
	.90	4000	3600	3500	3400	3200	3100	3000	2700	2200	1700	1500	1100
	.50	3700	3200	2900	2900	2700	2300	2200	1900	1300	900	400	300
	.10	3200	2800	2600	2400	2200	1800	1600	1300	400	0	0	0
	.90	9200	9200	9100	9000	8700	8300	7800	7300	5000	4800	4200	3700
	.50	7800	7800	7700	7600	7300	6900	6400	5900	3600	3500	2800	2600
	.10	5800	5800	5700	5600	5300	4900	4400	3900	2100	1500	900	700
6700	.90	4000	3200	3100	3000	2800	2500	2200	2100	1600	1400	1100	800
	.50	3600	2900	2800	2700	2500	2200	1800	1600	1000	400	200	0
	.10	3000	2600	2300	2200	2000	1700	1300	1200	200	0	0	0
	.90	4000	3700	3600	3500	3300	3200	3000	2900	2400	1700	1500	1200
	.50	3700	3300	3000	2900	2700	2400	2200	2100	1400	900	400	300
	.10	3200	2800	2600	2500	2200	1800	1700	1400	400	0	0	0
	.90	9300	9300	9200	9100	8800	8300	7900	7400	5000	4900	4200	4000
	.50	7900	7900	7800	7700	7400	6900	6500	6000	3600	3500	2800	2700
	.10	5900	5900	5800	5700	5400	4900	4500	4000	2200	1600	900	800
6800	.90	4000	3300	3200	3000	2900	2600	2300	2100	1600	1500	1100	800
	.50	3700	2900	2800	2700	2500	2200	1800	1700	1000	400	300	0
	.10	3200	2600	2400	2300	2100	1700	1400	1200	200	0	0	0
	.90	4400	3800	3700	3600	3400	3200	3100	3000	2400	1800	1500	1300
	.50	4000	3400	3100	2900	2700	2400	2300	2200	1500	1000	500	300
	.10	3400	2900	2700	2600	2300	1900	1700	1600	500	0	0	0
	.90	9300	9300	9200	9100	8800	8400	7900	7400	5000	4900	4200	4000
	.50	7900	7900	7800	7700	7400	7000	6500	6000	3600	3500	2800	2700
	.10	5900	5900	5800	5700	5400	5000	4500	4000	2200	1600	1100	800
6900	.90	4000	3400	3200	3100	2900	2600	2400	2200	1700	1500	1100	900
	.50	3700	3100	2900	2800	2600	2300	1900	1700	1000	500	300	0
	.10	3200	2700	2400	2300	2100	1700	1600	1200	300	0	0	0
	.90	4400	3900	3800	3700	3500	3300	3200	3000	2500	1800	1600	1300
	.50	4000	3400	3300	3100	2800	2500	2300	2200	1500	1000	500	300
	.10	3400	3000	2800	2600	2300	2000	1700	1600	500	0	0	0
	.90	9200	9100	9100	9000	8700	8200	7700	7300	5000	4900	4200	4100
	.50	7800	7700	7700	7600	7300	6800	6300	5900	3600	3500	2800	2700
	.10	5800	5700	5700	5600	5300	4800	4300	3900	2200	1600	1200	800

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
7000	.90	4000	3500	3200	3200	3000	2700	2500	2300	1700	1500	1200	900
	.50	3700	3200	2900	2900	2700	2300	2200	1700	1100	500	300	100
	.10	3200	2800	2600	2400	2200	1800	1600	1200	400	0	0	0
	.90	4500	4000	3700	3800	3600	3300	3200	3100	2600	1900	1600	1400
	.50	4100	3500	3300	3100	2800	2600	2400	2300	1600	1100	500	300
	.10	3500	3000	2800	2700	2400	2100	1800	1700	500	0	0	0
	.90	9000	9000	8900	8900	8500	8100	7600	7100	5000	4900	4200	4100
	.50	7600	7600	7500	7500	7200	6700	6200	5700	3600	3500	2800	2700
	.10	5600	5600	5500	5500	5200	4700	4200	3700	2200	1600	1400	800

MAP002, 1H, 00

Appendix H. Tables of Gorge release (cfs) providing indicated percent of maximum effective spawning WUA for chinook, pink and chum salmon using the FRI effective spawning habitat program and reach extrapolation procedure II.



LIST OF TABLES

<u>Number</u>		<u>Page</u>
1	Gorge release (cfs) providing indicated % of max effective spawning WUA - chinook. . . . .	H1
2	Gorge release (cfs) providing indicated % of max effective spawning WUA - pink . . . . .	H106
3	Gorge release (cfs) providing indicated % of max effective spawning WUA - chum . . . . .	H196





TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOOK: SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	800	700	600	600	500	300	300	300	100	0	0	0
	.50	600	500	500	500	400	200	100	100	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
	.90	1000	800	700	700	600	500	300	300	100	0	0	0
	.50	800	700	500	500	400	300	200	100	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1400	1400	1000	1000	800	700	600	500	300	100	0	0
	.50	900	800	800	700	500	400	300	200	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
1900	.90	1000	800	700	600	500	400	300	300	100	0	0	0
	.50	800	700	500	500	400	200	100	100	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1000	1000	800	800	600	500	400	300	200	0	0	0
	.50	800	800	700	600	500	300	200	100	0	0	0	0
	.10	300	300	300	200	0	0	0	0	0	0	0	0
	.90	1400	1400	1100	1000	900	700	600	600	300	100	0	0
	.50	900	900	800	800	700	500	300	300	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
2000	.90	1000	800	800	700	600	500	300	300	100	0	0	0
	.50	800	700	700	500	400	300	200	100	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	900	700	600	500	400	200	0	0	0
	.50	900	800	800	700	500	400	300	200	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1600	1400	1100	1000	900	800	700	600	300	100	0	0
	.50	1000	1000	800	800	700	500	400	300	100	0	0	0
	.10	500	400	400	400	200	100	0	0	0	0	0	0
	.90	1000	1000	900	800	700	500	400	300	200	0	0	0
	.50	800	800	800	700	500	400	300	200	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1100	1100	1000	900	800	600	500	500	200	100	0	0
	.50	900	900	800	800	600	500	300	200	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
	.90	1600	1400	1100	1000	900	800	700	600	300	100	0	0
	.50	1000	1000	800	800	700	500	400	300	100	0	0	0
2100	.90	500	400	400	400	200	100	0	0	0	0	0	0
	.50	1000	1000	900	800	700	500	400	300	200	0	0	0
	.10	800	800	800	700	500	400	300	200	0	0	0	0
	.90	400	400	400	300	100	0	0	0	0	0	0	0
	.50	1100	1100	1000	900	800	600	500	500	200	100	0	0
	.10	900	900	800	800	600	500	300	200	0	0	0	0
	.90	400	400	400	300	200	0	0	0	0	0	0	0
	.50	1600	1400	1100	1100	900	800	700	700	300	200	0	0
	.10	1200	1000	900	800	800	500	500	400	100	0	0	0
	.90	600	400	400	400	300	100	0	0	0	0	0	0
	.50	600	400	400	400	300	100	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1100	1000	900	900	700	600	500	400	200	0	0	0
	.50	900	800	800	800	600	400	300	200	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
	.90	1200	1200	1000	1000	800	700	600	500	300	100	0	0
	.50	1000	1000	800	800	700	500	400	300	0	0	0	0
	.10	500	400	400	400	200	100	0	0	0	0	0	0
	.90	2200	1400	1200	1100	1000	800	800	700	400	200	100	0
	.50	1400	1100	900	800	800	600	500	400	100	0	0	0
	.10	600	600	400	400	300	100	0	0	0	0	0	0
2300	.90	1200	1100	1000	900	800	600	500	500	200	100	0	0
	.50	1000	900	800	800	700	500	300	300	0	0	0	0
	.10	500	400	400	400	200	0	0	0	0	0	0	0
	.90	1400	1200	1100	1000	900	700	700	600	300	100	0	0
	.50	1200	1000	900	800	800	500	500	300	100	0	0	0
	.10	600	400	400	400	300	100	0	0	0	0	0	0
	.90	2200	1400	1300	1100	1000	900	800	800	500	300	100	0
	.50	1400	1200	1000	900	800	700	500	500	200	0	0	0
	.10	700	600	400	400	300	200	0	0	0	0	0	0
2400	.90	1300	1200	1000	1000	800	700	600	500	300	100	0	0
	.50	1100	1000	800	800	700	500	400	300	0	0	0	0
	.10	600	400	400	400	300	100	0	0	0	0	0	0
	.90	1400	1300	1100	1000	900	800	700	600	300	100	0	0
	.50	1200	1100	900	800	800	600	500	400	100	0	0	0
	.10	600	600	400	400	300	100	0	0	0	0	0	0
	.90	2200	1400	1400	1200	1000	900	900	800	500	300	100	0
	.50	1400	1200	1000	900	800	700	500	500	200	0	0	0
	.10	800	700	500	400	400	200	100	0	0	0	0	0
	.90	1400	1200	1100	1000	900	700	700	600	300	100	0	0
	.50	1200	1000	900	800	800	500	500	400	100	0	0	0
	.10	600	500	400	400	300	100	0	0	0	0	0	0
	.90	1500	1400	1200	1100	900	800	700	700	300	200	0	0
	.50	1300	1200	1000	900	800	700	500	500	100	0	0	0
	.10	700	600	400	400	300	200	0	0	0	0	0	0
	.90	2200	1400	1400	1200	1100	900	900	800	600	300	200	0
	.50	1400	1200	1100	1000	800	700	500	500	100	0	0	0
	.10	700	600	400	400	300	200	0	0	0	0	0	0
	.90	2200	1400	1400	1200	1100	900	900	800	600	300	200	0
	.50	1400	1200	1100	1000	800	700	600	500	200	0	0	0
	.10	800	700	600	400	400	300	200	0	0	0	0	0
	.90	2200	1400	1400	1200	1100	900	900	800	600	300	200	0
	.50	1400	1200	1100	1000	800	700	600	500	200	0	0	0
	.10	800	700	600	400	400	300	200	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1400	1300	1100	1000	900	800	700	600	300	100	0	0
	.50	1200	1100	900	800	800	600	500	400	100	0	0	0
	.10	700	600	400	400	300	200	0	0	0	0	0	0
	.90	1600	1400	1200	1100	1000	900	800	700	400	200	100	0
	.50	1400	1200	1000	900	800	700	500	500	200	0	0	0
	.10	800	700	500	400	400	200	100	0	0	0	0	0
	.90	2200	1700	1400	1300	1100	1000	900	900	600	300	200	100
	.50	1500	1200	1100	1000	800	800	700	600	300	100	0	0
	.10	900	700	600	400	400	300	200	100	0	0	0	0
2700	.90	1500	1400	1200	1100	900	800	700	700	300	100	0	0
	.50	1300	1200	1000	900	800	700	500	500	100	0	0	0
	.10	700	700	500	400	300	200	100	0	0	0	0	0
	.90	1600	1400	1200	1200	1000	900	800	700	500	300	100	0
	.50	1400	1200	1100	1000	800	700	600	500	200	0	0	0
	.10	800	700	600	400	400	300	100	0	0	0	0	0
	.90	2200	1700	1400	1400	1200	1100	1000	900	700	300	300	100
	.50	1500	1200	1100	1100	900	800	700	700	300	100	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
2800	.90	1600	1400	1200	1100	1000	900	800	700	300	200	100	0
	.50	1400	1200	1100	900	800	700	500	500	200	0	0	0
	.10	800	700	600	400	400	300	100	0	0	0	0	0
	.90	1700	1400	1300	1200	1000	900	800	800	500	300	100	0
	.50	1500	1200	1100	1000	800	800	700	500	200	0	0	0
	.10	900	700	600	400	400	300	200	100	0	0	0	0
	.90	2800	2100	1500	1400	1200	1100	1000	1000	700	400	300	200
	.50	2000	1300	1200	1100	900	800	800	700	400	100	0	0
	.10	900	700	600	600	400	300	200	200	0	0	0	0
	.90	1600	1400	1200	1200	1000	900	800	700	400	200	100	0
	.50	1400	1200	1100	1000	800	700	600	500	200	0	0	0
	.10	800	700	600	400	400	300	200	0	0	0	0	0
	.90	1700	1400	1300	1200	1100	900	900	800	600	300	200	100
	.50	1500	1200	1100	1000	800	800	700	600	300	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
2900	.90	2800	2100	1500	1400	1200	1100	1000	1000	700	400	300	200
	.50	2000	1300	1200	1100	900	800	800	700	400	100	0	0
	.10	900	700	600	600	400	300	200	200	0	0	0	0
	.90	1600	1400	1200	1200	1000	900	800	700	400	200	100	0
	.50	1400	1200	1100	1000	800	700	600	500	200	0	0	0
	.10	800	700	600	400	400	300	200	0	0	0	0	0
	.90	1700	1400	1300	1200	1100	900	900	800	600	300	200	100
	.50	1500	1200	1100	1000	800	800	700	600	300	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
	.90	2800	2100	1500	1400	1200	1100	1000	1000	700	500	300	200
	.50	2000	1300	1200	1100	900	800	800	700	400	200	0	0
	.10	900	700	600	600	400	300	200	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1400	1200	1200	1000	900	800	800	500	300	100	0
	.50	1500	1200	1100	1000	800	800	700	500	200	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
	.90	1700	1400	1400	1200	1100	1000	900	800	600	300	200	100
	.50	1500	1200	1100	1000	900	800	700	600	300	100	0	0
	.10	900	700	600	600	400	300	200	200	0	0	0	0
	.90	2800	2100	1500	1500	1300	1200	1100	1100	800	500	300	300
	.50	2000	1800	1200	1100	1000	900	800	800	500	200	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
3100	.90	1700	1400	1300	1200	1100	900	900	800	500	300	100	0
	.50	1500	1200	1100	1000	800	800	700	600	300	0	0	0
	.10	900	700	600	600	400	300	200	100	0	0	0	0
	.90	2200	1500	1400	1200	1200	1000	900	900	700	300	300	100
	.50	1800	1200	1100	1100	900	800	800	700	400	100	0	0
	.10	1300	700	700	600	400	300	300	200	0	0	0	0
	.90	2800	2100	1700	1500	1400	1200	1100	1100	800	600	300	300
	.50	2000	1900	1400	1200	1100	900	800	800	500	300	100	0
	.10	1400	1300	700	700	500	400	300	300	0	0	0	0
3200	.90	2000	1400	1300	1200	1100	1000	900	800	600	300	200	100
	.50	1800	1200	1100	1100	900	800	700	600	300	100	0	0
	.10	1300	700	700	600	400	300	300	200	0	0	0	0
	.90	2200	1800	1400	1400	1200	1100	1000	900	700	400	300	200
	.50	1900	1400	1200	1100	1000	800	800	700	400	200	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
	.90	2800	2100	2000	1500	1400	1200	1200	1100	900	600	400	300
	.50	2000	1900	1400	1200	1100	1000	900	800	500	300	100	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
3300	.90	2100	1500	1400	1300	1100	1000	900	900	600	300	200	100
	.50	1900	1400	1200	1100	1000	800	800	700	400	100	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
	.90	2200	2000	1500	1400	1200	1200	1100	1000	700	500	300	200
	.50	2000	1800	1200	1100	1000	900	800	800	500	200	0	0
	.10	1400	1300	700	700	500	400	300	300	0	0	0	0
	.90	2800	2100	2000	1500	1400	1300	1200	1200	900	700	500	300
	.50	2100	1900	1400	1300	1100	1000	900	800	600	300	200	0
	.10	1500	1300	1000	700	600	400	300	300	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2100	2000	1400	1400	1200	1100	1000	900	700	400	300	100
	.50	1900	1800	1200	1100	1000	800	800	700	400	200	0	0
	.10	1400	1300	700	700	400	400	300	200	0	0	0	0
	.90	2200	2000	1500	1500	1300	1200	1100	1000	800	500	300	300
	.50	2000	1800	1400	1200	1100	900	800	800	500	200	100	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2800	2200	2100	1700	1500	1400	1200	1200	1000	700	500	300
	.50	2100	1900	1400	1300	1100	1000	1000	900	700	400	200	100
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
3500	.90	2200	2000	1500	1400	1200	1100	1000	1000	700	400	300	200
	.50	2000	1800	1400	1200	1000	900	800	800	500	200	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2300	2100	1500	1500	1400	1200	1200	1100	800	600	300	300
	.50	2100	1800	1400	1200	1100	1000	900	800	500	300	100	0
	.10	1500	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2800	2500	2100	1700	1500	1400	1300	1200	1000	800	600	400
	.50	2300	2000	1700	1400	1200	1100	1000	900	700	400	300	100
	.10	1800	1400	1000	1000	600	400	400	300	100	0	0	0
	.90	2200	2000	1500	1400	1200	1200	1100	1000	800	500	300	200
	.50	2000	1800	1400	1200	1100	900	800	800	500	200	100	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2300	2100	1700	1500	1400	1200	1200	1100	900	600	400	300
	.50	2100	1900	1400	1300	1100	1000	900	800	600	300	200	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2800	2100	2000	1500	1400	1300	1200	1100	800	600	500
	.50	2300	2000	1800	1400	1200	1100	1000	1000	800	500	300	200
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2300	2100	1500	1500	1300	1200	1100	1100	800	600	300	300
	.50	2100	1900	1400	1200	1100	1000	900	800	500	300	100	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
3600	.90	2800	2800	2100	2000	1500	1400	1300	1200	1100	800	600	500
	.50	2300	2000	1800	1400	1200	1100	1000	1000	800	500	300	200
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2300	2100	1500	1500	1300	1200	1100	1100	800	600	300	300
	.50	2100	1900	1400	1200	1100	1000	900	800	500	300	100	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2800	2100	2000	1500	1400	1300	1200	1100	800	600	500
	.50	2300	2000	1800	1400	1200	1100	1000	1000	800	500	300	200
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2300	2100	1500	1500	1300	1200	1100	1100	800	600	300	300
	.50	2100	1900	1400	1200	1100	1000	900	800	500	300	100	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
3700	.90	2800	2800	2100	2000	1500	1400	1300	1200	1100	800	600	500
	.50	2300	2000	1800	1400	1200	1100	1000	1000	800	500	300	200
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2300	2100	1500	1500	1300	1200	1100	1100	800	600	300	300
	.50	2100	1900	1400	1200	1100	1000	900	800	500	300	100	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2800	2100	2000	1500	1400	1300	1200	1100	800	600	500
	.50	2300	2000	1800	1400	1200	1100	1000	1000	800	500	300	200
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2300	2100	1500	1500	1300	1200	1100	1100	800	600	300	300
	.50	2100	1900	1400	1200	1100	1000	900	800	500	300	100	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2800	2100	2000	1500	1400	1300	1200	1100	800	600	500
	.50	2300	2200	1900	1400	1300	1100	1100	1000	800	500	300	200
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2500	2100	1500	1500	1400	1200	1200	1100	800	600	400	300
	.50	2300	1900	1400	1400	1100	1000	900	800	600	300	200	0
	.10	1800	1400	1000	1000	600	400	400	300	100	0	0	0
	.90	2800	2500	2000	1600	1500	1400	1200	1200	1000	700	500	300
	.50	2300	2000	1700	1400	1200	1100	1000	900	700	400	200	100
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2900	2800	2100	2100	1600	1500	1400	1400	1100	900	700	600
	.50	2300	2300	1900	1700	1400	1200	1100	1000	800	500	400	200
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
3900	.90	2500	2100	1900	1500	1400	1200	1200	1100	900	700	400	300
	.50	2300	1900	1700	1400	1200	1000	1000	900	700	400	200	0
	.10	1800	1400	1100	1000	600	500	400	400	100	0	0	0
	.90	2800	2500	2100	1700	1500	1400	1300	1200	1000	800	600	400
	.50	2300	2200	1800	1400	1200	1100	1000	1000	800	500	300	200
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0
	.90	3800	2800	2400	2100	1700	1500	1400	1400	1200	900	800	600
	.50	3000	2300	2000	1800	1400	1200	1100	1100	800	600	400	300
	.10	1800	1800	1300	1100	800	600	600	400	300	0	0	0
4000	.90	2500	2400	2000	1600	1400	1300	1200	1200	900	700	500	300
	.50	2300	2200	1800	1400	1200	1100	1000	900	700	400	200	100
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0
	.90	2800	2500	2100	1900	1500	1400	1400	1200	1100	800	600	500
	.50	2300	2300	1800	1400	1400	1100	1100	1000	800	500	300	200
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
	.90	3900	2800	2500	2100	1900	1500	1500	1400	1200	1000	800	700
	.50	3100	2300	2000	1900	1400	1200	1100	1100	900	700	500	300
	.10	1800	1800	1400	1300	800	600	600	500	300	0	0	0
4100	.90	2500	2500	2000	1600	1500	1400	1200	1200	1000	700	600	300
	.50	2300	2300	1800	1400	1200	1100	1000	1000	800	500	300	100
	.10	1800	1800	1300	1000	700	600	400	400	200	0	0	0
	.90	2800	2500	2100	1600	1600	1400	1200	1200	1000	700	600	300
	.50	2300	2300	1900	1700	1400	1200	1100	1000	800	500	300	100
	.10	1800	1800	1300	1100	800	600	400	400	200	0	0	0
	.90	2800	2500	2100	2000	1600	1400	1400	1300	1100	800	700	500
	.50	2300	2300	1900	1700	1400	1200	1100	1000	800	500	300	200
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	3900	2800	2800	2100	2000	1600	1400	1400	1100	800	700	500
	.50	3100	2300	2000	2000	1500	1200	1200	1100	900	700	500	300
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	2800	2500	2100	2000	1600	1400	1400	1300	1100	800	700	500
	.50	2300	2300	1900	1700	1400	1200	1100	1000	800	500	300	200
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	3900	2800	2800	2100	2000	1600	1400	1400	1100	800	700	500
	.50	3100	2300	2000	2000	1500	1200	1200	1100	900	700	500	300
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	2800	2800	2100	2100	1600	1400	1400	1300	1100	800	700	500
	.50	2300	2300	1900	1700	1400	1200	1100	1000	800	500	300	200
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	3900	2800	2800	2100	2000	1600	1400	1400	1100	800	700	500
	.50	3100	2300	2000	2000	1500	1200	1200	1100	900	700	500	300
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	2800	2800	2100	2100	1600	1400	1400	1300	1100	800	700	500
	.50	2300	2300	1900	1700	1400	1200	1100	1000	800	500	300	200
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	3900	2800	2800	2100	2000	1600	1400	1400	1100	800	700	500
	.50	3100	2300	2000	2000	1500	1200	1200	1100	900	700	500	300
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2500	2500	2100	1900	1500	1400	1300	1200	1000	800	600	400
	.50	2300	2300	1900	1400	1400	1100	1000	1000	800	500	300	200
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
	.90	2800	2500	2100	2100	1600	1500	1400	1400	1100	900	700	600
	.50	2400	2300	1900	1800	1400	1200	1100	1100	800	600	400	300
	.10	1800	1800	1400	1300	800	600	600	500	300	0	0	0
	.90	3900	3100	2800	2200	2100	1600	1500	1500	1300	1100	900	700
	.50	3100	2300	2000	2000	1700	1400	1200	1100	900	800	500	400
	.10	2400	1800	1600	1400	1000	700	600	600	300	100	0	0
4300	.90	2800	2500	2100	2000	1600	1400	1400	1300	1100	800	700	500
	.50	2300	2300	1900	1800	1400	1200	1100	1000	800	500	300	200
	.10	1800	1800	1400	1300	800	600	600	400	300	0	0	0
	.90	2900	2500	2100	2100	1700	1500	1400	1400	1100	900	700	600
	.50	2700	2300	2000	1900	1400	1200	1100	1100	900	700	400	300
	.10	2200	1800	1600	1400	1000	700	600	500	300	0	0	0
	.90	4000	3100	2800	2500	2100	1900	1500	1500	1300	1100	900	800
	.50	3200	2400	2300	2000	1800	1400	1300	1200	1000	800	600	400
	.10	2400	1800	1600	1400	1100	800	600	600	300	100	0	0
	.90	2900	2500	2100	2100	1600	1500	1400	1300	1100	900	700	500
	.50	2700	2300	2000	1900	1400	1200	1100	1100	800	600	400	200
	.10	2200	1800	1600	1400	1000	700	600	500	300	0	0	0
	.90	3100	2700	2100	2100	1900	1500	1500	1400	1200	1000	800	700
	.50	2900	2300	2000	1900	1400	1300	1200	1100	900	700	500	300
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	4100	3100	2800	2500	2100	2000	1600	1500	1400	1100	1000	800
	.50	3300	2400	2300	2000	1900	1500	1400	1200	1000	800	600	500
	.10	2500	1800	1600	1600	1300	800	700	600	400	200	0	0
	.90	3100	2500	2100	2100	1600	1500	1400	1400	1100	900	700	600
	.50	2900	2300	2000	1900	1400	1200	1100	1100	900	600	400	300
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	3100	2800	2100	2100	2000	1600	1500	1400	1200	1000	800	700
	.50	2900	2300	2000	2000	1700	1400	1200	1100	900	800	500	300
	.10	2400	1800	1600	1400	1000	800	600	600	300	100	0	0
	.90	4100	3100	2800	2800	2100	2000	1700	1500	1400	1100	1000	800
	.50	3300	2700	2300	2000	1900	1700	1400	1200	1000	800	600	500
	.10	2500	1800	1600	1600	1300	900	700	600	400	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK!  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3100	2500	2100	2100	1900	1500	1400	1400	1200	900	700	600
	.50	2900	2300	2000	1900	1500	1300	1200	1100	900	700	500	300
	.10	2400	1800	1600	1400	1000	800	600	600	300	100	0	0
	.90	3200	2800	2500	2100	2100	1600	1500	1400	1200	1000	800	700
	.50	3000	2300	2000	2000	1800	1400	1200	1200	1000	800	500	400
	.10	2500	1800	1600	1600	1200	800	600	600	300	100	0	0
	.90	4200	3100	2900	2800	2100	2100	1900	1600	1400	1200	1000	900
	.50	3400	2700	2300	2000	2000	1700	1400	1300	1000	800	700	500
	.10	2600	1800	1800	1600	1300	1000	700	600	400	200	0	0
4700	.90	3200	2600	2100	2100	2000	1600	1500	1400	1200	1000	800	700
	.50	3000	2300	2000	2000	1800	1400	1200	1100	900	700	500	300
	.10	2500	1800	1600	1600	1200	800	600	600	300	100	0	0
	.90	3200	2800	2500	2100	2100	1800	1500	1500	1300	1100	900	700
	.50	3000	2300	2000	2000	1800	1400	1300	1200	1000	800	600	400
	.10	2500	1800	1600	1600	1300	900	700	600	400	200	0	0
	.90	4200	3100	2900	2800	2200	2100	2000	1600	1400	1200	1100	900
	.50	3500	2700	2300	2100	2000	1800	1500	1400	1100	900	700	600
	.10	2900	1800	1800	1600	1400	1000	800	700	400	200	0	0
4800	.90	3200	2800	2200	2100	2000	1600	1500	1400	1200	1000	800	700
	.50	3000	2300	2000	2000	1800	1400	1200	1200	1000	800	500	300
	.10	2500	1800	1600	1600	1300	900	700	600	400	200	0	0
	.90	4200	3100	2900	2800	2200	2100	2000	1600	1400	1200	1100	900
	.50	3500	2700	2300	2100	2000	1800	1500	1400	1100	900	700	600
	.10	2900	1800	1800	1600	1400	1000	800	700	400	200	0	0
	.90	3800	2800	2500	2200	2100	1900	1600	1500	1300	1100	900	800
	.50	3100	2400	2300	2000	1900	1500	1400	1200	1000	800	600	500
	.10	2600	1800	1800	1600	1300	1000	700	600	400	200	0	0
	.90	4200	3400	2900	2800	2200	2100	2000	1900	1500	1200	1100	1000
	.50	3500	3200	2300	2300	2000	1800	1700	1400	1100	900	800	600
	.10	2900	1800	1800	1600	1400	1100	800	700	400	200	0	0
4900	.90	3300	2800	2500	2100	2100	1600	1500	1500	1200	1000	800	700
	.50	3100	2300	2300	2000	1900	1400	1300	1200	1000	800	500	400
	.10	2600	1800	1800	1600	1300	1000	700	600	400	200	0	0
	.90	3900	2900	2600	2400	2100	2000	1600	1500	1300	1100	1000	800
	.50	3500	2500	2300	2000	1900	1700	1400	1200	1000	800	700	500
	.10	2900	1800	1800	1600	1400	1000	800	700	400	200	0	0
	.90	4300	3700	3100	2800	2500	2100	2100	1900	1500	1300	1100	1000
	.50	3500	3200	2300	2300	2000	1900	1700	1500	1100	900	800	700
	.10	2900	2200	1800	1600	1400	1300	1000	700	500	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3300	2800	2500	2100	2100	1900	1600	1500	1200	1100	900	700
	.50	3100	2400	2300	2000	1900	1500	1400	1200	1000	800	600	400
	.10	2600	1800	1800	1600	1400	1000	800	600	400	200	0	0
	.90	3900	3100	2800	2500	2100	2100	1900	1600	1400	1200	1000	800
	.50	3500	2700	2300	2000	1900	1800	1400	1400	1000	800	700	500
	.10	2900	1800	1800	1600	1400	1100	800	700	400	200	0	0
	.90	4300	3700	3100	2900	2700	2100	2100	2000	1500	1300	1200	1000
	.50	3500	3500	2700	2300	2000	2000	1800	1700	1100	1000	800	700
	.10	2900	2300	1800	1600	1500	1300	1100	800	600	300	100	0
5100	.90	3700	2800	2500	2100	2100	2000	1600	1500	1300	1100	900	800
	.50	3500	2400	2300	2000	1900	1700	1400	1200	1000	800	600	500
	.10	2900	1800	1800	1600	1400	1100	800	700	400	200	0	0
	.90	3900	3100	2800	2500	2100	2100	1900	1600	1400	1200	1000	900
	.50	3500	2700	2300	2000	2000	1800	1600	1400	1100	900	700	500
	.10	2900	2200	1800	1600	1400	1300	1000	700	500	200	0	0
	.90	4400	4400	3700	3100	2800	2200	2100	2100	1500	1300	1200	1100
	.50	3600	3600	2900	2600	2300	2000	1900	1800	1100	1000	800	800
	.10	2900	2300	1800	1800	1600	1300	1100	1000	600	300	100	0
5200	.90	3700	2800	2500	2500	2100	2000	1800	1500	1300	1100	1000	800
	.50	3500	2700	2300	2000	1900	1800	1400	1400	1000	800	700	500
	.10	2900	2200	1800	1600	1400	1200	900	700	400	200	0	0
	.90	4000	3100	2800	2700	2100	2100	2000	1900	1400	1200	1100	900
	.50	3500	2700	2300	2300	2000	1900	1700	1400	1100	900	800	600
	.10	2900	2300	1800	1600	1400	1300	1000	800	500	200	100	0
	.90	4400	4400	3700	3400	2800	2500	2100	2100	1600	1400	1200	1100
	.50	3600	3600	2900	2900	2300	2000	1900	1800	1200	1000	900	800
	.10	3000	2300	1800	1800	1600	1400	1200	1100	600	300	200	0
5300	.90	3700	2900	2800	2500	2100	2100	1900	1600	1400	1200	1000	800
	.50	3500	2700	2300	2000	2000	1800	1600	1400	1100	900	700	500
	.10	2900	2300	1800	1600	1400	1300	1000	800	500	200	0	0
	.90	4100	3100	2800	2800	2200	2100	2100	1900	1400	1200	1100	1000
	.50	3500	2900	2300	2300	2000	1900	1800	1500	1100	1000	800	600
	.10	2900	2300	1800	1800	1600	1300	1100	900	600	300	100	0
	.90	4500	4500	3700	3700	2800	2500	2100	2100	1600	1400	1200	1100
	.50	3700	3700	2900	2900	2300	2000	2000	1900	1200	1000	900	800
	.10	3100	2400	2000	1800	1600	1400	1300	1100	600	300	200	0

PAGE 11  
 TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	2900	2800	2500	2100	2100	2000	1800	1400	1200	1100	900
	.50	3500	2700	2300	2300	2000	1900	1700	1400	1100	900	800	600
	.10	2900	2300	1800	1800	1600	1300	1000	800	600	300	100	0
	.90	4100	3400	2900	2800	2500	2100	2100	2000	1400	1300	1100	1000
	.50	3600	3200	2600	2300	2000	1900	1800	1700	1100	1000	800	700
	.10	3000	2300	1800	1800	1600	1400	1200	1000	600	300	100	0
	.90	4500	4500	3700	3700	2900	2700	2200	2100	1600	1400	1200	1100
	.50	3700	3700	2900	2900	2300	2100	2000	1900	1300	1000	900	800
	.10	3100	2700	2200	2000	1600	1400	1300	1200	600	300	200	0
5500	.90	3900	2900	2800	2500	2100	2100	2000	1900	1400	1200	1100	900
	.50	3500	2700	2300	2300	2000	1900	1800	1500	1100	900	800	600
	.10	2900	2300	1800	1800	1600	1300	1100	1000	600	300	100	0
	.90	4200	3400	2900	2800	2500	2100	2100	2100	1500	1300	1200	1100
	.50	3700	3200	2700	2300	2100	2000	1900	1800	1100	1000	800	700
	.10	3100	2400	2000	1800	1600	1400	1300	1100	600	300	200	0
	.90	4600	4600	3700	3700	2900	2800	2500	2100	1700	1400	1300	1200
	.50	3800	3800	2900	2900	2600	2300	2000	1900	1400	1100	1000	800
	.10	3100	2700	2300	2000	1800	1600	1300	1300	600	400	200	100
5600	.90	3900	3100	2800	2800	2200	2100	2100	2000	1400	1200	1100	1000
	.50	3600	2900	2600	2300	2000	1900	1800	1700	1100	1000	800	700
	.10	3000	2400	2000	1800	1600	1400	1300	1000	600	300	200	0
	.90	4200	3700	3000	2800	2700	2100	2100	2100	1500	1300	1200	1100
	.50	3700	3400	2700	2600	2300	2000	1900	1800	1200	1000	900	800
	.10	3100	2700	2200	2000	1600	1400	1300	1000	600	300	200	0
	.90	4600	4600	3700	3700	2900	2800	2500	2100	1900	1500	1300	1200
	.50	3800	3800	2900	2900	2600	2300	2000	2000	1400	1100	1000	900
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	100
5700	.90	3900	3400	2800	2800	2500	2100	2100	2000	1500	1300	1100	1000
	.50	3700	3100	2700	2300	2000	1900	1900	1800	1100	1000	800	700
	.10	3100	2400	2000	1800	1600	1400	1300	1100	600	300	200	0
	.90	4200	3700	3000	2800	2600	2100	2100	2100	1500	1300	1200	1100
	.50	3700	3400	2700	2600	2300	2000	1900	1800	1200	1000	900	800
	.10	3100	2700	2200	2000	1600	1400	1300	1000	600	300	200	0
	.90	4200	3700	3000	2800	2600	2100	2100	2100	1500	1300	1200	1100
	.50	3700	3400	2700	2600	2300	2000	1900	1900	1200	1000	900	800
	.10	3100	2700	2300	2000	1800	1500	1300	1300	600	400	200	0
	.90	4600	4600	3700	3700	3000	2800	2700	2200	1900	1500	1400	1200
	.50	3800	3800	2900	2600	2300	2000	1900	1900	1200	1000	900	800
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4200	3700	3000	2800	2600	2100	2100	2000	1500	1300	1100	1000
	.50	3700	3400	2700	2600	2300	2000	1900	1800	1200	1000	900	800
	.10	3100	2700	2300	2000	1800	1500	1300	1300	600	400	200	0
	.90	4600	4600	3700	3700	3000	2800	2700	2200	1900	1500	1400	1200
	.50	3800	3800	2900	2600	2300	2000	1900	1900	1200	1000	900	800
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4600	4600	3700	3700	3000	2800	2700	2200	1900	1500	1400	1200
	.50	3800	3800	2900	2600	2300	2000	1900	1900	1200	1000	900	800
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4600	4600	3700	3700	3000	2800	2700	2200	1900	1500	1400	1200
	.50	3800	3800	2900	2600	2300	2000	1900	1900	1200	1000	900	800
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	0



TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00		
Q	EXC.	EXC.													
6200	.90	.90	4200	4000	3100	2900	2800	2500	2100	2100	1600	1400	1200	1200	
		.50	3900	3600	2700	2700	2400	2300	2000	1900	1400	1100	1000	800	
		.10	3400	3000	2300	2300	1800	1600	1400	1300	700	500	300	100	
		.90	4500	4500	3700	3700	2900	2800	2500	2200	1900	1500	1400	1200	
		.50	4000	3800	2900	2900	2700	2300	2300	2000	1600	1100	1000	900	
		.10	3500	3200	2300	2300	2000	1800	1600	1400	900	500	300	200	
		.90	4900	4900	4400	4400	4300	3400	2900	2900	2800	2100	1600	1500	1400
		.50	4400	4100	3600	3600	3500	2900	2600	2600	2300	1900	1200	1100	1000
		.10	3900	3200	2400	2300	2000	1800	1800	1800	1600	1100	600	400	200
		.90	4200	4000	3100	2900	2800	2600	2600	2200	2100	1800	1400	1300	1200
6300	.90	.50	4000	3800	2800	2700	2600	2300	2000	2000	1400	1100	1000	900	
		.10	3500	3200	2300	2300	2000	1600	1600	1400	700	500	300	200	
		.90	4500	4500	3700	3700	2900	2800	2700	2500	2000	1500	1400	1200	
		.50	4000	3800	3200	2900	2700	2300	2300	2000	1700	1100	1000	900	
		.10	3500	3200	2400	2300	2000	1800	1600	1400	1000	600	300	200	
		.90	4900	4900	4400	4400	4300	3700	2900	2900	2800	2100	1600	1500	1400
		.50	4400	4100	3700	3600	3500	2900	2600	2600	2300	1900	1200	1100	1000
		.10	3900	3200	2700	2300	2000	1800	1800	1800	1700	1100	600	400	300
		.90	4300	4200	3400	2900	2800	2700	2700	2500	2100	1900	1500	1300	1200
		.50	4000	3800	2900	2700	2600	2300	2300	2000	2000	1500	1100	1000	900
6400	.90	.50	4600	4600	3700	3700	2900	2800	2800	2500	2000	1500	1400	1200	
		.10	4400	4200	3400	2900	2800	2600	2300	2100	1700	1100	1000	900	
		.90	4900	4900	4400	4400	4300	3700	2900	2900	2800	2100	1600	1500	1400
		.50	4400	4100	3700	3600	3500	2900	2600	2600	2300	1900	1200	1100	1000
		.10	3900	3200	2700	2300	2000	1800	1800	1800	1700	1100	600	400	300
		.90	4300	4200	3400	2900	2800	2700	2700	2500	2100	1900	1500	1300	1200
		.50	4000	3800	2900	2700	2600	2300	2300	2000	2000	1500	1100	1000	900
		.10	3500	3200	2400	2300	2000	1800	1800	1600	1400	900	500	300	200
		.90	4600	4600	3700	3700	2900	2800	2800	2800	2500	2000	1500	1400	1200
		.50	4400	4200	3200	3200	2700	2500	2500	2300	2100	1700	1100	1000	1000
6500	.90	.10	3900	3200	2400	2300	2000	1800	1600	1400	1000	600	400	200	
		.90	5300	5000	4400	4400	4300	3700	2900	2900	2800	2100	1700	1500	1400
		.50	5100	4200	3800	3600	3500	2900	2600	2600	2300	1900	1300	1100	1000
		.10	4500	3200	2700	2400	2000	2000	2000	1800	1200	600	500	300	
		.90	4600	4200	3700	3100	2800	2800	2800	2500	2200	1900	1500	1300	1200
		.50	4400	3800	3200	2800	2600	2300	2300	2000	2000	1600	1100	1000	900
		.10	3900	3200	2400	2300	2000	1800	1800	1600	1400	1000	600	300	200
		.90	4600	4600	3700	3700	3100	2800	2800	2800	2600	2100	1500	1400	1300
		.50	4400	3800	3200	2900	2700	2600	2600	2300	2300	1800	1100	1000	1000
		.10	3900	3200	2700	2300	2000	1800	1800	1600	1600	1100	600	400	200
6600	.90	.90	5300	5000	4400	4400	4300	3700	2900	2900	2800	2100	1800	1400	
		.50	5100	4200	3800	3600	3500	2900	2600	2600	2300	1900	1300	1100	
		.10	4500	3200	2700	2400	2000	2000	2000	1800	1200	600	500	300	
		.90	4600	4200	3700	3100	2800	2800	2800	2500	2200	1900	1500	1300	
		.50	4400	3800	3200	2800	2600	2300	2300	2000	2000	1600	1100	1000	
		.10	3900	3200	2400	2300	2000	1800	1800	1600	1400	1000	600	300	
		.90	4600	4600	3700	3700	3100	2800	2800	2800	2600	2100	1500	1400	
		.50	4400	3800	3200	2900	2700	2600	2600	2300	2300	1800	1100	1000	
		.10	3900	3200	2700	2300	2000	1800	1800	1600	1600	1100	600	400	
		.90	5300	5000	4400	4400	4300	3700	2900	2900	2800	2100	1800	1500	
6700	.90	.50	5100	4200	3800	3600	3500	2900	2600	2600	2300	1900	1300	1100	
		.10	4500	3200	2700	2400	2000	2000	2000	1800	1200	600	500	300	
		.90	4600	4200	3700	3100	2800	2800	2800	2500	2200	1900	1500	1300	
		.50	4400	3800	3200	2800	2600	2300	2300	2000	2000	1600	1100	1000	
		.10	3900	3200	2400	2300	2000	1800	1800	1600	1400	1000	600	300	
		.90	4600	4600	3700	3700	3100	2800	2800	2800	2600	2100	1500	1400	
		.50	4400	3800	3200	2900	2700	2600	2600	2300	2300	1800	1100	1000	
		.10	3900	3200	2700	2300	2000	1800	1800	1600	1600	1100	600	400	
		.90	5300	5000	4400	4400	4300	3700	2900	2900	2800	2100	1800	1500	
		.50	5100	4200	3800	3600	3500	2900	2600	2600	2300	1900	1300	1100	

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4600	4400	3700	3400	2900	2800	2600	2500	2000	1500	1400	1200
	.50	4400	3800	3200	2900	2700	2300	2300	2000	1700	1100	1000	1000
	.10	3900	3200	2700	2300	2000	1800	1600	1600	1000	600	400	200
	.90	5300	4600	4000	3700	3100	2800	2800	2700	2100	1600	1400	1300
	.50	5100	3800	3500	2900	2700	2600	2300	2300	1800	1200	1100	1000
	.10	4500	3200	2700	2300	2000	1800	1800	1600	1100	600	400	300
	.90	5300	5100	4400	4400	4300	3700	3000	2800	2100	1900	1500	1400
	.50	5100	4300	3800	3600	3500	2900	2700	2600	2000	1400	1100	1000
	.10	4500	3200	2900	2500	2300	2000	1800	1800	1300	600	500	300
6700	.90	4600	4400	3700	3700	2900	2800	2700	2500	2000	1500	1400	1200
	.50	4400	3800	3200	2900	2700	2600	2300	2300	1800	1100	1000	1000
	.10	3900	3200	2700	2300	2000	1800	1800	1600	1100	600	400	200
	.90	5300	4700	4300	3700	3400	2900	2800	2800	2100	1600	1500	1400
	.50	5100	3900	3800	3200	2900	2600	2300	2300	1900	1200	1100	1000
	.10	4500	3200	2700	2400	2100	2000	1800	1600	1100	600	500	300
	.90	5400	5100	4400	4400	4300	3700	3000	2800	2200	1900	1500	1400
	.50	5200	4300	3800	3600	3500	2900	2700	2600	2000	1500	1100	1000
	.10	4600	3600	2900	2500	2300	2000	1800	1800	1300	700	500	400
6800	.90	5300	4500	3700	3700	2900	2800	2800	2500	2100	1500	1400	1300
	.50	5100	3800	3500	2900	2700	2600	2300	2300	1800	1100	1000	1000
	.10	4500	3200	2700	2300	2000	1800	1800	1600	1100	600	400	200
	.90	5400	4700	4400	4300	3700	2900	2900	2800	2100	1600	1500	1400
	.50	5100	3900	3800	3600	3500	2900	2700	2600	2000	1500	1100	1000
	.10	4500	3200	2900	2400	2200	2000	1800	1800	1300	600	500	300
	.90	5400	5200	4400	4400	4300	3700	3100	2800	2500	2000	1600	1500
	.50	5200	4400	4100	3600	3500	2900	2700	2600	2000	1600	1100	1100
	.10	4600	3600	2900	2700	2300	2000	2000	1800	1300	700	500	400
6900	.90	5300	4500	3700	3700	3100	2800	2800	2700	2100	1600	1400	1300
	.50	5100	3800	3500	2900	2700	2600	2300	2300	1800	1200	1100	1000
	.10	4500	3200	2700	2400	2200	2000	1800	1800	1300	600	500	300
	.90	5400	4800	4400	4400	4000	3100	2900	2800	2100	1800	1500	1400
	.50	5200	4100	3800	3600	3500	2700	2600	2500	2000	1400	1100	1000
	.10	4600	3600	2900	2400	2200	2000	1800	1800	1300	600	500	300
	.90	5500	5200	4400	4600	4300	3700	3400	2900	2500	2000	1600	1500
	.50	5300	4400	4400	4100	3600	3200	2900	2600	2000	1700	1200	1100
	.10	4700	3600	3200	2700	2400	2000	2000	1800	1300	700	600	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5300	4600	4000	3700	3100	2800	2800	2100	1600	1500	1300
	.50		5100	4100	3800	3200	2800	2300	2300	1900	1200	1100	1000
	.10		4500	3600	2900	2400	2200	1800	1800	1300	600	500	300
	.90	.50	5400	4800	4400	4400	4300	2900	2900	2200	1900	1500	1400
	.50		5200	4100	3800	3600	3500	2700	2600	2000	1500	1100	1000
	.10		4600	3600	2900	2700	2300	1800	1800	1300	700	500	400
	.90	.10	5500	5200	5200	5200	4400	3700	3100	2700	2100	1700	1500
	.50		5300	4400	4400	4400	3800	2900	2700	2300	1700	1200	1100
	.10		4800	3600	3200	2700	2600	2000	2000	1400	1000	600	500

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	500	500	400	400	200	100	100	100	0	0	0	0
	.50	200	200	100	0	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	600	600	500	400	300	200	100	100	0	0	0	0
	.50	200	200	200	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1000	900	700	600	500	400	300	200	100	0	0	0
	.50	300	300	300	200	100	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
1500	.90	600	500	500	400	300	200	100	100	0	0	0	0
	.50	200	200	200	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	800	600	500	500	400	200	200	100	0	0	0	0
	.50	300	300	200	200	0	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1000	900	700	600	500	400	300	200	100	0	0	0
	.50	400	300	300	200	100	0	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
1600	.90	600	600	500	500	300	200	200	100	0	0	0	0
	.50	300	300	200	200	0	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	900	900	700	600	500	400	300	200	100	0	0	0
	.50	400	300	300	200	100	0	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
	.90	1300	900	800	700	600	500	400	300	200	100	0	0
	.50	500	500	300	300	200	0	0	0	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1700	1300	900	800	700	600	500	400	300	200	100	0
	.50	600	600	600	500	400	300	200	100	0	0	0	0
	.10	300	300	300	200	100	0	0	0	0	0	0	0
	.90	900	700	600	600	500	400	300	200	100	0	0	0
	.50	400	300	300	200	100	0	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
	.90	1300	1000	900	800	700	600	500	400	300	200	100	0
	.50	500	500	500	400	300	200	100	0	0	0	0	0
	.10	300	300	300	200	100	0	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	700	600	600	600	500	300	200	200	100	0	0	0
	.50	400	300	300	200	100	0	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
	.90	900	800	700	600	500	400	300	200	100	0	0	0
	.50	500	500	300	300	200	0	0	0	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1300	1300	900	900	800	600	500	400	100	0	0	0
	.50	600	600	600	500	300	200	0	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
1900	.90	900	800	600	600	500	300	200	200	100	0	0	0
	.50	500	500	300	300	200	0	0	0	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	900	900	800	700	600	500	300	300	100	0	0	0
	.50	500	500	500	400	200	0	0	0	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1300	1300	900	900	800	700	500	500	200	0	0	0
	.50	600	600	600	500	400	200	100	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
2000	.90	900	800	800	600	600	400	300	200	100	0	0	0
	.50	500	500	500	300	200	0	0	0	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1000	900	900	900	600	500	400	300	100	0	0	0
	.50	600	600	600	500	300	200	0	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1500	1300	1000	900	900	700	600	500	200	100	0	0
	.50	800	600	600	600	400	300	100	0	0	0	0	0
	.10	400	400	400	400	200	0	0	0	0	0	0	0
	.90	900	900	900	800	600	500	400	300	100	0	0	0
	.50	600	600	600	500	300	200	0	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
2100	.90	1500	1300	1000	900	900	800	600	500	200	100	0	0
	.50	800	600	600	600	400	300	100	0	0	0	0	0
	.10	400	400	400	400	200	0	0	0	0	0	0	0
	.90	900	900	900	800	600	500	400	300	100	0	0	0
	.50	600	600	600	500	300	200	0	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1000	1000	900	900	800	600	500	400	100	0	0	0
	.50	600	600	600	500	400	200	0	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1500	1300	1000	900	900	800	600	600	300	100	0	0
	.50	900	600	600	600	500	300	200	100	0	0	0	0
	.10	500	400	400	400	200	100	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1000	900	900	900	700	500	400	300	100	0	0	0
	.50	600	600	500	400	400	200	0	0	0	0	0	0
	.10	400	400	300	100	0	0	0	0	0	0	0	0
	.90	1100	900	900	800	800	600	500	400	200	0	0	0
	.50	800	600	600	400	400	300	100	0	0	0	0	0
	.10	400	400	400	200	200	0	0	0	0	0	0	0
	.90	2200	1300	1100	1000	900	800	700	600	300	100	0	0
	.50	900	800	600	600	500	400	200	100	0	0	0	0
	.10	600	400	400	300	300	100	0	0	0	0	0	0
2300	.90	1100	1000	900	800	800	600	500	400	100	0	0	0
	.50	800	600	600	400	400	200	100	0	0	0	0	0
	.10	400	400	400	200	200	0	0	0	0	0	0	0
	.90	1300	1100	1000	900	900	700	600	500	200	100	0	0
	.50	900	600	600	500	500	300	200	100	0	0	0	0
	.10	500	400	400	200	200	100	0	0	0	0	0	0
	.90	2200	1300	1200	1000	900	900	800	600	400	100	0	0
	.50	900	600	600	600	500	400	200	100	0	0	0	0
	.10	700	600	400	400	300	100	0	0	0	0	0	0
2400	.90	1200	1100	900	900	800	600	500	400	100	0	0	0
	.50	900	600	600	600	500	300	100	0	0	0	0	0
	.10	500	400	400	400	200	200	0	0	0	0	0	0
	.90	1300	1200	1000	900	900	700	600	600	200	100	0	0
	.50	900	600	600	600	500	300	200	100	0	0	0	0
	.10	600	400	400	400	300	100	0	0	0	0	0	0
	.90	2200	1300	1300	1100	900	900	800	700	400	100	100	0
	.50	1000	900	800	600	600	400	300	200	0	0	0	0
	.10	700	700	400	400	300	100	0	0	0	0	0	0
2500	.90	1300	1100	1000	900	900	700	600	500	200	0	0	0
	.50	900	800	600	600	500	300	200	100	0	0	0	0
	.10	600	400	400	300	300	100	0	0	0	0	0	0
	.90	1400	1300	1100	1000	900	800	700	600	300	100	0	0
	.50	900	900	600	600	500	400	200	100	0	0	0	0
	.10	700	600	400	400	300	100	0	0	0	0	0	0
	.90	2200	1300	1300	1200	1000	900	900	800	400	200	100	0
	.50	1000	900	800	600	600	500	300	200	0	0	0	0
	.10	700	700	400	400	300	100	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1300	1200	1000	900	900	700	600	500	200	100	0	0
	.50	900	900	600	600	500	400	200	100	0	0	0	0
	.10	700	600	400	400	300	100	0	0	0	0	0	0
	.90	1500	1300	1200	1000	900	800	700	600	300	100	0	0
	.50	1000	900	800	600	600	400	300	200	0	0	0	0
	.10	700	700	400	400	300	100	0	0	0	0	0	0
	.90	2200	1600	1300	1200	1000	900	900	800	500	200	100	0
	.50	1100	900	800	600	600	500	400	300	0	0	0	0
	.10	700	700	500	400	400	300	100	0	0	0	0	0
2700	.90	1400	1300	1100	1000	900	800	600	600	200	100	0	0
	.50	900	900	700	600	500	400	300	200	0	0	0	0
	.10	700	700	400	400	300	100	0	0	0	0	0	0
	.90	1500	1300	1200	1100	900	900	800	700	400	100	0	0
	.50	1000	900	800	600	600	500	300	200	0	0	0	0
	.10	700	700	400	400	400	200	100	0	0	0	0	0
	.90	2200	1600	1300	1300	1100	1000	900	900	600	300	100	100
	.50	1100	900	900	800	600	500	400	300	0	0	0	0
	.10	700	700	600	400	400	300	100	0	0	0	0	0
	.90	1500	1300	1200	1000	900	800	700	600	300	100	0	0
	.50	1000	900	800	600	600	500	300	200	0	0	0	0
	.10	700	700	400	400	400	200	100	0	0	0	0	0
	.90	1600	1300	1200	1100	900	900	800	700	400	100	100	0
	.50	1100	900	800	600	600	500	400	300	0	0	0	0
	.10	700	700	500	400	400	300	100	0	0	0	0	0
	.90	2800	2000	1300	1300	1100	1000	900	900	600	300	100	100
	.50	1300	900	900	800	600	500	500	400	0	0	0	0
	.10	700	700	600	400	400	300	200	100	0	0	0	0
	.90	1500	1300	1200	1000	900	800	700	600	300	100	0	0
	.50	1000	900	800	600	600	500	300	200	0	0	0	0
	.10	700	700	400	400	400	200	100	0	0	0	0	0
	.90	1600	1300	1200	1100	900	900	800	700	400	100	100	0
	.50	1100	900	800	600	600	500	400	300	0	0	0	0
	.10	700	700	500	400	400	300	100	0	0	0	0	0
	.90	2800	2000	1300	1300	1100	1000	900	900	600	300	100	100
	.50	1300	900	900	800	600	500	500	400	0	0	0	0
	.10	700	700	600	400	400	300	200	100	0	0	0	0
	.90	1500	1300	1200	1100	900	900	800	600	400	100	0	0
	.50	1000	900	800	600	600	500	400	200	0	0	0	0
	.10	700	700	500	400	400	200	100	0	0	0	0	0
	.90	1600	1300	1200	1200	1000	900	800	800	400	200	100	0
	.50	1100	900	900	800	600	500	400	300	0	0	0	0
	.10	700	700	600	400	400	300	100	0	0	0	0	0
	.90	2800	2000	1300	1300	1200	1000	1000	900	600	400	200	100
	.50	1600	900	900	800	600	500	500	400	100	0	0	0
	.10	1200	700	700	500	400	300	200	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1600	1300	1200	1100	900	900	800	700	400	100	0	0
	.50	1100	900	900	800	600	500	400	300	0	0	0	0
	.10	700	700	600	400	400	300	100	0	0	0	0	0
	.90	1600	1300	1300	1200	1000	900	900	800	500	200	100	0
	.50	1100	900	900	800	600	500	400	400	0	0	0	0
	.10	700	700	600	400	400	300	200	100	0	0	0	0
	.90	2800	2000	1500	1300	1200	1100	1000	900	700	400	200	100
	.50	1700	1300	900	900	600	600	500	400	100	0	0	0
	.10	1300	1000	700	600	400	300	200	100	0	0	0	0
3100	.90	1600	1300	1200	1100	1000	900	800	700	400	200	100	0
	.50	1100	900	900	800	600	500	400	300	0	0	0	0
	.10	700	700	600	400	400	300	200	100	0	0	0	0
	.90	2200	1300	1300	1200	1100	900	900	800	600	300	100	100
	.50	1600	900	900	800	600	500	500	400	0	0	0	0
	.10	1200	700	700	500	400	300	200	100	0	0	0	0
	.90	2800	2000	1600	1300	1300	1100	1100	1000	700	500	300	100
	.50	1700	1600	1100	900	700	600	500	500	200	0	0	0
	.10	1300	1200	700	700	400	300	300	200	0	0	0	0
3200	.90	1900	1300	1300	1200	1000	900	900	800	500	200	100	0
	.50	1600	900	900	800	600	500	500	400	0	0	0	0
	.10	1200	700	700	500	400	300	200	100	0	0	0	0
	.90	2200	1700	1300	1300	1100	1000	900	900	600	300	100	100
	.50	1700	1200	900	900	600	600	500	400	100	0	0	0
	.10	1300	1000	700	600	400	300	200	100	0	0	0	0
	.90	2800	2000	1900	1500	1300	1100	1100	1000	800	500	300	200
	.50	1700	1600	1200	900	800	600	500	500	200	0	0	0
	.10	1300	1200	1000	700	400	400	300	200	0	0	0	0
	.90	2000	1500	1300	1200	1100	900	900	800	500	200	100	0
	.50	1700	1200	900	900	600	600	500	400	0	0	0	0
	.10	1300	1000	700	600	400	300	200	100	0	0	0	0
3300	.90	2200	1900	1400	1300	1200	1000	900	900	600	400	200	100
	.50	1700	1600	1200	900	800	600	500	500	200	0	0	0
	.10	1300	1200	1000	700	400	400	300	200	0	0	0	0
	.90	2000	1500	1300	1200	1100	900	900	800	500	200	100	0
	.50	1700	1200	900	900	600	600	500	400	0	0	0	0
	.10	1300	1000	700	600	400	300	200	100	0	0	0	0
	.90	2200	1900	1400	1300	1200	1000	900	900	600	400	200	100
	.50	1700	1600	900	900	700	600	500	500	100	0	0	0
	.10	1300	1200	700	700	400	300	300	200	0	0	0	0
	.90	2800	2100	1900	1500	1300	1200	1100	1100	900	600	400	200
	.50	1700	1600	1200	900	800	600	600	500	200	0	0	0
	.10	1300	1200	1000	700	400	300	200	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2000	1900	1300	1300	1100	900	900	900	900	300	100	100
	.50	1700	1600	900	900	600	600	500	400	400	0	0	0
	.10	1300	1200	700	700	400	300	300	100	100	0	0	0
	.90	2200	1900	1500	1300	1200	1100	1000	900	700	400	200	100
	.50	1700	1600	1200	900	800	600	500	500	200	0	0	0
	.10	1300	1200	1000	700	400	400	300	200	0	0	0	0
	.90	2800	2200	2000	1600	1300	1200	1100	1100	900	600	400	300
	.50	1700	1700	1200	900	800	600	600	500	300	0	0	0
	.10	1300	1300	1000	700	500	400	300	300	0	0	0	0
3500	.90	2100	1900	1500	1300	1200	1000	900	900	600	400	200	100
	.50	1700	1600	1200	900	800	600	500	500	100	0	0	0
	.10	1300	1200	1000	700	400	400	300	200	0	0	0	0
	.90	2200	2000	1500	1300	1300	1100	1000	1000	700	500	300	100
	.50	1700	1600	1200	900	800	600	600	500	200	0	0	0
	.10	1300	1200	1000	700	500	400	300	200	0	0	0	0
3600	.90	2800	2400	2000	1600	1300	1300	1200	1200	900	600	500	300
	.50	2100	1700	1300	1200	900	700	600	600	400	100	0	0
	.10	1700	1300	1000	900	600	400	400	300	0	0	0	0
	.90	2100	1900	1500	1300	1200	1000	1000	900	600	400	200	100
	.50	1700	1600	1200	900	800	600	500	500	200	0	0	0
	.10	1300	1200	1000	700	500	400	300	200	0	0	0	0
	.90	2200	2000	1600	1500	1300	1100	1000	1000	800	500	300	200
	.50	1700	1700	1200	900	800	600	600	500	300	0	0	0
	.10	1300	1300	1000	700	500	400	300	300	0	0	0	0
	.90	2800	2700	2000	1900	1500	1300	1200	1200	900	700	500	400
	.50	2100	1700	1300	1200	900	800	600	600	400	100	0	0
	.10	1700	1300	1000	1000	600	400	400	300	0	0	0	0
3700	.90	2200	2000	1500	1300	1200	1100	1000	900	700	400	200	100
	.50	1700	1700	1200	900	800	600	600	500	200	0	0	0
	.10	1300	1300	1000	700	500	400	300	300	0	0	0	0
	.90	2800	2000	1900	1500	1300	1200	1100	1000	900	600	400	200
	.50	2100	1700	1200	1200	900	700	600	500	200	0	0	0
	.10	1300	1300	1000	700	500	400	300	300	0	0	0	0
	.90	2800	2000	1900	1500	1300	1200	1100	1000	900	600	400	200
	.50	2100	1700	1200	1200	900	700	600	500	400	0	0	0
	.10	1300	1300	1000	700	500	400	300	300	0	0	0	0
	.90	2800	2000	1900	1500	1300	1200	1100	1000	900	600	400	200
	.50	2100	1700	1200	1200	900	700	600	500	400	0	0	0
	.10	1300	1300	1000	700	500	400	300	300	0	0	0	0
	.90	2800	2800	2000	1900	1500	1300	1300	1200	1000	800	600	400
	.50	2100	1800	1600	1200	900	800	600	600	400	200	0	0
	.10	1700	1400	1200	1000	700	400	400	400	100	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK;  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2400	2000	1500	1500	1300	1100	1000	1000	800	500	300	100
	.50	2100	1700	1200	1200	900	600	600	500	300	0	0	0
	.10	1700	1300	1000	900	600	400	400	300	0	0	0	0
	.90	2800	2400	1900	1500	1300	1200	1100	1100	900	600	400	300
	.50	2100	1700	1300	1200	900	800	600	600	400	100	0	0
	.10	1700	1300	1000	1000	600	400	400	300	0	0	0	0
	.90	2900	2800	2100	2000	1500	1300	1300	1300	1000	800	600	400
	.50	2100	2100	1600	1300	1000	800	800	600	500	200	0	0
	.10	1700	1700	1200	1000	700	500	400	400	100	0	0	0
3900	.90	2400	2000	1800	1500	1300	1200	1100	1000	800	500	400	200
	.50	2100	1700	1300	1200	900	800	600	600	400	0	0	0
	.10	1700	1300	1000	1000	600	400	400	300	0	0	0	0
	.90	2800	2400	2000	1600	1500	1300	1200	1100	900	700	500	300
	.50	2100	1800	1600	1200	900	800	600	600	400	100	0	0
	.10	1700	1400	1200	1000	700	400	400	400	100	0	0	0
	.90	3800	2800	2300	2000	1600	1300	1300	1300	1000	900	600	500
	.50	2300	2100	1600	1300	1000	900	800	600	500	200	0	0
	.10	1700	1700	1200	1000	700	600	400	400	100	0	0	0
4000	.90	2400	2300	1900	1500	1300	1200	1100	1100	900	600	400	200
	.50	2100	1800	1600	1200	900	800	600	600	400	100	0	0
	.10	1700	1400	1200	1000	600	400	400	300	100	0	0	0
	.90	2800	2400	2000	1800	1500	1300	1200	1100	900	700	500	400
	.50	2100	2100	1600	1200	1000	800	700	600	400	200	0	0
	.10	1700	1700	1200	1000	700	500	400	400	100	0	0	0
	.90	3900	2800	2400	2100	1700	1500	1300	1300	1100	900	700	500
	.50	2400	2100	1700	1600	1200	900	800	800	500	300	100	0
	.10	1700	1700	1300	1200	700	600	400	400	200	0	0	0
4100	.90	2400	2400	1900	1500	1500	1300	1200	1100	900	600	400	300
	.50	2100	2100	1600	1200	900	800	600	600	400	100	0	0
	.10	1700	1700	1200	1000	700	500	400	400	100	0	0	0
	.90	2800	2400	2000	1900	1500	1300	1300	1200	1000	800	600	400
	.50	2100	2100	1600	1300	1000	800	800	600	500	200	0	0
	.10	1700	1700	1200	1000	700	500	400	400	100	0	0	0
	.90	3900	2800	2700	2100	1900	1500	1300	1300	1100	900	700	600
	.50	2500	2100	1800	1700	1200	900	900	800	500	400	100	0
	.10	2100	1700	1600	1300	1000	600	500	400	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINGOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2400	2400	2000	1800	1500	1300	1200	1100	900	700	500	300
	.50	2100	2100	1600	1200	1000	800	800	600	400	200	0	0
	.10	1700	1700	1200	1000	700	500	400	400	100	0	0	0
	.90	2800	2400	2100	2000	1500	1300	1300	1200	1000	800	600	400
	.50	2100	2100	1700	1600	1100	900	800	700	500	200	0	0
	.10	1700	1700	1300	1200	700	600	400	400	200	0	0	0
	.90	3900	3100	2700	2200	2000	1500	1400	1300	1200	900	800	600
	.50	2700	2100	1800	1700	1300	1000	900	800	500	400	100	0
	.10	2300	1700	1600	1300	1000	600	500	400	200	0	0	0
4300	.90	2800	2400	2000	1900	1500	1300	1200	1200	1000	700	500	400
	.50	2100	2100	1700	1600	1000	900	800	600	500	200	0	0
	.10	1700	1700	1300	1200	700	600	400	400	100	0	0	0
	.90	2800	2400	2100	2000	1600	1400	1300	1300	1000	900	600	500
	.50	2500	2100	1800	1700	1200	900	800	800	500	300	100	0
	.10	2100	1700	1600	1300	1000	600	500	400	200	0	0	0
	.90	4000	3100	2700	2400	2000	1700	1500	1400	1200	1000	800	700
	.50	2700	2100	1800	1800	1300	1100	900	800	600	400	200	0
	.10	2300	1700	1600	1300	1000	700	600	500	200	0	0	0
	.90	2800	2400	2100	2000	1500	1300	1300	1200	1000	800	600	400
	.50	2500	2100	1800	1700	1200	900	800	800	500	200	0	0
	.10	2100	1700	1600	1300	1000	600	500	400	200	0	0	0
	.90	3000	2500	2100	2000	1800	1500	1300	1300	1100	900	700	500
	.50	2700	2100	1800	1700	1200	900	900	800	500	400	100	0
	.10	2300	1700	1600	1300	1000	600	500	400	200	0	0	0
	.90	4100	3100	2800	2400	2000	1900	1500	1400	1200	1000	900	700
	.50	2800	2100	1800	1800	1600	1200	900	900	600	400	200	0
	.10	2400	1700	1600	1600	1100	700	600	500	200	0	0	0
4500	.90	3000	2400	2100	2000	1600	1400	1300	1200	1000	800	600	400
	.50	2700	2100	1800	1700	1200	900	800	800	500	300	100	0
	.10	2300	1700	1600	1300	1000	600	500	400	200	0	0	0
	.90	3000	2400	2100	2000	1600	1400	1300	1200	1000	800	600	400
	.50	2700	2100	1800	1700	1200	900	800	800	500	300	100	0
	.10	2300	1700	1600	1300	1000	600	500	400	200	0	0	0
	.90	3000	2400	2100	2000	1600	1400	1300	1200	1000	800	600	400
	.50	2700	2100	1800	1700	1200	900	800	800	500	300	100	0
	.10	2300	1700	1600	1300	1000	600	500	400	200	0	0	0
	.90	3000	2400	2100	2000	1600	1400	1300	1200	1000	800	600	400
	.50	2700	2100	1800	1700	1200	900	800	800	500	300	100	0
	.10	2300	1700	1600	1300	1000	600	500	400	200	0	0	0
	.90	4100	3100	2800	2700	2100	1900	1600	1500	1200	1000	900	700
	.50	2800	2500	1900	1800	1600	1200	1000	900	600	400	200	100
	.10	2400	1700	1600	1600	1200	900	600	600	300	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
4600	.90	3000	2400	2100	2100	1800	1500	1300	1300	1100	900	600	500
	.50	2700	2100	1800	1700	1200	1000	900	800	500	400	100	0
	.10	2300	1700	1600	1300	1000	700	600	500	200	0	0	0
	.90	3100	2800	2400	2100	1900	1500	1400	1300	1100	900	800	600
	.50	2800	2100	1800	1800	1500	1000	900	800	600	400	200	0
	.10	2400	1700	1600	1600	1100	700	600	500	200	0	0	0
	.90	4200	3100	2800	2700	2100	2000	1700	1500	1300	1000	900	800
	.50	2900	2500	2100	1800	1600	1300	1100	900	600	400	200	100
	.10	2500	1700	1600	1600	1200	1000	700	600	300	0	0	0
4700	.90	3100	2500	2100	2100	1900	1500	1300	1300	1100	900	700	500
	.50	2800	2100	1800	1800	1500	1000	900	800	500	400	100	0
	.10	2400	1700	1600	1600	1100	700	600	500	200	0	0	0
	.90	3100	2800	2400	2100	2000	1700	1500	1300	1200	1000	800	600
	.50	2800	2100	1800	1800	1600	1200	900	900	600	400	200	0
	.10	2400	1700	1600	1600	1200	900	600	600	300	0	0	0
4800	.90	4200	3100	2900	2700	2100	2000	1900	1500	1300	1100	900	800
	.50	3100	2500	2100	1800	1700	1300	1200	1000	700	500	300	100
	.10	2700	1700	1700	1600	1300	1000	700	600	300	0	0	0
	.90	3100	2800	2200	2100	1900	1500	1300	1300	1100	900	700	600
	.50	2800	2100	1800	1800	1600	1100	900	900	600	400	200	0
	.10	2400	1700	1600	1600	1200	800	600	600	300	0	0	0
	.90	3800	2800	2400	2100	2000	1800	1500	1300	1200	1000	900	700
	.50	2900	2100	2000	1800	1600	1200	1000	900	600	400	200	100
	.10	2500	1700	1600	1600	1200	1000	700	600	300	0	0	0
	.90	4200	3300	2900	2800	2200	2000	1900	1700	1300	1100	1000	900
	.50	3100	2700	2100	1800	1700	1500	1200	1000	800	500	400	200
	.10	2700	1700	1700	1600	1300	1000	700	600	400	100	0	0
4900	.90	3200	2800	2400	2100	2000	1500	1500	1300	1100	900	700	600
	.50	2900	2100	2000	1800	1600	1200	900	900	600	400	200	0
	.10	2500	1700	1600	1600	1200	900	700	600	300	0	0	0
	.90	3900	2800	2500	2300	2000	1900	1500	1500	1200	1000	900	700
	.50	3100	2300	2100	1800	1700	1200	1000	900	600	400	200	100
	.10	2700	1700	1700	1600	1300	1000	700	600	300	0	0	0
	.90	4300	3700	3000	2800	2400	2000	1900	1800	1300	1100	1000	900
	.50	3100	2800	2100	1800	1700	1600	1300	1200	800	500	400	200
	.10	2700	2100	1700	1600	1300	1000	900	700	400	100	0	0
	.90	3100	2800	2100	1800	1700	1600	1300	1200	800	500	400	200
	.50	2700	2100	1700	1600	1300	1000	900	700	400	100	0	0
	.10	2300	1700	1600	1600	1200	900	700	600	300	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5000	.90	3200	2800	2400	2100	2000	1800	1500	1300	1200	1000	800	600	
		2900	2100	1800	1200	1000	900	600	400	200	0	0	0	
	.50	2500	1700	1600	1300	1000	700	300	0	0	0	0	0	
		3900	3000	2700	2400	2100	1700	1500	1200	1000	900	700	100	0
	.10	3100	2400	2100	1800	1300	1200	700	400	100	0	0	0	0
		2700	1700	1700	1600	1300	1000	700	600	400	100	0	0	0
	.90	4300	3700	3100	2900	2500	2100	2000	1900	1900	1300	1200	1000	900
		3100	2800	2200	2100	1800	1600	1300	1200	1200	800	500	400	200
	.50	2700	2300	1700	1600	1300	1200	1000	1000	700	400	100	0	0
		3600	2800	2400	2100	2000	1900	1500	1500	1400	1200	1000	900	700
.90	3100	2100	2100	1800	1700	1300	1300	1000	900	600	400	200	100	
	2700	1700	1700	1600	1300	1000	700	700	600	400	0	0	0	
.50	3900	3100	2700	2400	2100	2000	1800	1800	1500	1300	1100	900	800	
	3100	2500	2100	1800	1700	1500	1200	1200	1000	800	500	400	200	
.10	2700	2100	1700	1600	1300	1100	900	900	700	400	100	0	0	
	4400	4400	3700	3100	2700	2100	2000	2000	1900	1500	1200	1000	900	
.90	3100	2900	2200	2100	1800	1700	1700	1600	1300	800	500	400	300	
	2700	2300	1700	1700	1600	1200	1200	1000	800	400	100	0	0	
.50	3600	2800	2400	2400	2000	1900	1900	1700	1500	1200	1000	900	700	
	3100	2500	2100	1800	1700	1500	1200	1200	900	700	500	300	100	
.10	2700	2100	1700	1600	1300	1100	900	900	700	400	100	0	0	
	4000	3100	2800	2600	2100	2000	1900	1900	1700	1300	1100	1000	900	
.90	3100	2500	2100	1800	1700	1600	1600	1300	1100	800	500	400	200	
	2700	2300	1700	1600	1300	1200	1200	1000	700	400	100	0	0	
.50	4400	4400	3700	3300	2800	2400	2400	2000	2000	1500	1200	1100	1000	
	3200	2900	2200	2200	1800	1700	1700	1600	1300	900	500	400	300	
.10	2800	2300	1700	1700	1600	1200	1200	1000	900	500	200	0	0	
	3600	2800	2600	2400	2100	2000	2000	1800	1500	1200	1000	900	700	
.90	3100	2500	2100	1800	1700	1600	1600	1200	1000	800	500	300	200	
	2700	2300	1700	1700	1300	1200	1200	1000	700	400	100	0	0	
.50	4100	3100	2800	2700	2100	2000	2000	1900	1800	1300	1100	1000	900	
	3100	2600	2100	2100	1800	1600	1600	1300	1200	800	500	400	200	
.10	2700	2300	1700	1600	1300	1200	1200	1000	700	400	100	0	0	
	4100	3100	2800	2700	2100	2000	2000	1900	1800	1300	1100	1000	900	
.90	3100	2600	2100	2100	1800	1600	1600	1300	1200	800	500	400	200	
	2700	2300	1700	1700	1600	1200	1200	1000	800	400	100	0	0	
.50	4500	4500	3700	3700	2800	2400	2400	2100	2000	1600	1200	1100	1000	
	3300	3000	2500	2200	2100	1700	1700	1600	1500	900	600	500	400	
.10	2900	2300	1800	1700	1600	1300	1300	1200	1000	500	200	0	0	

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	2800	2700	2400	2100	2000	1900	1700	1300	1100	900	800
	.50	3100	2500	2100	2100	1800	1600	1300	1200	800	500	400	200
	.10	2700	2300	1700	1700	1600	1200	1000	700	400	100	0	0
	.90	4100	3300	2800	2800	2400	2000	2000	1900	1300	1200	1000	900
	.50	3200	2600	2200	2100	1800	1700	1500	1200	800	500	400	200
	.10	2800	2300	1700	1700	1600	1200	1000	900	500	200	0	0
	.90	4500	4500	3700	3700	2900	2500	2100	2000	1600	1300	1100	1000
	.50	3300	3000	2500	2200	2100	1800	1700	1600	900	600	500	400
	.10	2900	2600	2100	1800	1600	1300	1200	1000	500	200	0	0
5500	.90	3900	2900	2800	2400	2100	2000	1900	1800	1300	1100	1000	900
	.50	3100	2500	2100	2100	1800	1600	1300	1200	800	500	400	200
	.10	2700	2300	1700	1700	1600	1200	1000	900	500	100	0	0
	.90	4200	3300	2900	2800	2400	2100	2000	1900	1400	1200	1000	900
	.50	3300	2700	2500	2100	1800	1700	1600	1300	900	500	400	300
	.10	2900	2300	1800	1700	1600	1300	1200	1000	500	200	0	0
	.90	4600	4600	3700	3700	2900	2700	2400	2100	1600	1300	1200	1000
	.50	3300	3100	2500	2200	2200	1800	1700	1600	900	700	500	400
	.10	2900	2600	2300	1800	1700	1400	1200	1100	600	200	100	0
5600	.90	3900	3100	2800	2700	2100	2000	2000	1900	1300	1100	1000	900
	.50	3200	2600	2200	2100	1800	1700	1600	1200	800	500	400	200
	.10	2800	2300	1800	1700	1600	1300	1100	1000	500	200	0	0
	.90	4200	3600	2900	2800	2500	2100	2000	2000	1500	1200	1100	1000
	.50	3300	3000	2500	2200	1900	1700	1600	1500	900	600	500	400
	.10	2900	2600	2100	1800	1600	1300	1200	1000	500	200	0	0
	.90	4600	4600	3700	3700	2900	2700	2400	2100	1700	1300	1200	1100
	.50	3400	3100	2500	2500	2200	1800	1700	1600	1000	700	500	400
	.10	3000	2600	2300	1800	1700	1600	1300	1200	600	200	100	0
5700	.90	3900	3300	2800	2700	2400	2100	2000	1900	1300	1200	1000	900
	.50	3300	2700	2500	2100	1800	1700	1600	1300	900	500	400	300
	.10	2900	2400	2100	1700	1600	1300	1200	1000	500	200	0	0
	.90	4200	3800	3100	2800	2700	2100	2000	2000	1500	1200	1100	1000
	.50	3300	3000	2500	2200	2100	1800	1700	1600	900	600	500	400
	.10	2900	2600	2300	1800	1700	1400	1200	1100	600	200	0	0
	.90	4600	4600	3700	3700	2900	2800	2500	2200	1800	1300	1200	1100
	.50	3400	3100	2600	2500	2100	1800	1700	1600	900	600	500	400
	.10	3000	2600	2300	1800	1700	1400	1200	1100	600	200	0	0
	.90	4600	4600	3700	3700	2900	2800	2500	2200	1800	1300	1200	1100
	.50	3400	3100	2600	2500	2100	1800	1700	1600	900	600	500	400
	.10	3000	2600	2300	1800	1700	1400	1200	1100	600	200	0	0
	.90	4600	4600	3700	3700	2900	2800	2500	2200	1800	1300	1200	1100
	.50	3400	3100	2600	2500	2100	1800	1700	1600	900	600	500	400
	.10	3000	2600	2300	1800	1700	1400	1200	1100	600	200	0	0
	.90	4600	4600	3700	3700	2900	2800	2500	2200	1800	1300	1200	1100
	.50	3400	3100	2600	2500	2100	1800	1700	1600	900	600	500	400
	.10	3000	2600	2300	1800	1700	1400	1200	1100	600	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5800	.90	4000	3300	2800	2800	2400	2100	2000	2000	1400	1200	1000	900
	.50	3300	3000	2500	2200	1800	1700	1600	1600	900	600	400	400
	.10	2900	2600	2300	1800	1600	1300	1200	1100	600	200	0	0
	.90	4300	3900	3100	2800	2700	2400	2100	2000	1500	1200	1100	1000
	.50	3400	3000	2500	2200	2100	1800	1700	1600	900	700	500	400
	.10	3000	2600	2300	1800	1700	1600	1300	1200	600	200	100	0
	.90	4700	4700	4300	3700	3100	2800	2700	2400	1900	1300	1200	1100
	.50	3700	3200	2800	2500	2200	2100	1800	1700	1200	800	600	500
	.10	3300	2700	2300	2100	1700	1600	1300	1200	600	300	200	0
	.90	4100	3600	2900	2800	2600	2100	2000	2000	1400	1200	1100	1000
5900	.50	3300	3000	2500	2200	2100	1800	1700	1600	900	600	500	400
	.10	2900	2600	2300	1800	1700	1600	1300	1200	600	200	100	0
	.90	4300	3900	3300	2900	2800	2400	2100	2000	1600	1300	1100	1000
	.50	3400	3100	2500	2500	2100	1800	1700	1600	900	700	500	400
	.10	3000	2700	2300	1900	1700	1600	1300	1200	600	300	100	0
	.90	4700	4700	4400	4300	3700	2900	2800	2700	1900	1400	1300	1100
	.50	3700	3400	2900	2800	2300	2200	1800	1800	1300	800	600	500
	.10	3300	3000	2300	2300	1800	1600	1400	1200	700	400	200	0
	.90	4100	3900	2900	2800	2700	2300	2100	2000	1500	1200	1100	1000
	.50	3400	3000	2500	2500	2100	1800	1700	1600	900	700	500	400
6000	.10	3000	2700	2300	1900	1700	1600	1300	1200	600	300	100	0
	.90	4700	4700	4400	4300	3700	2900	2800	2700	1900	1400	1300	1100
	.50	3700	3400	2900	2800	2300	2200	1800	1800	1300	800	600	500
	.10	3300	3000	2300	2300	1800	1600	1400	1200	700	400	200	0
	.90	4100	3900	2900	2800	2700	2300	2100	2000	1500	1200	1100	1000
	.50	3400	3000	2500	2500	2100	1800	1700	1600	900	700	500	400
	.10	3000	2600	2300	1900	1700	1600	1300	1200	600	300	100	0
	.90	4400	4400	3700	3100	2800	2500	2300	2300	2100	1700	1300	1100
	.50	3700	3100	2500	2500	2200	1800	1700	1600	1200	800	300	200
	.10	3300	2700	2300	2100	1700	1600	1300	1300	600	300	100	0
6100	.90	4800	4800	4400	4400	3700	2900	2900	2700	2000	1500	1300	1200
	.50	3800	3400	3000	2900	2600	2200	2100	1800	1400	800	600	500
	.10	3400	3000	2300	2300	1800	1600	1600	1300	800	400	200	0
	.90	4200	3900	3100	2800	2700	2400	2100	2000	1500	1200	1100	1000
	.50	3700	3100	2500	2500	2100	1800	1700	1600	900	700	500	400
	.10	3300	2700	2300	2100	1700	1600	1300	1200	600	300	100	0
	.90	4400	4400	3700	3700	2800	2700	2400	2100	1700	1300	1200	1100
	.50	3700	3400	2600	2500	2200	2100	1800	1700	1200	800	500	400
	.10	3300	3000	2300	2300	1800	1600	1400	1200	700	400	200	0
	.90	4800	4800	4400	4400	4300	3100	3100	2800	2000	1500	1300	1200
6000	.50	3800	3400	3000	2900	2800	2200	2200	2100	1400	900	700	500
	.10	3400	3000	2400	2300	1800	1600	1400	1200	700	400	200	0
	.90	4800	4800	4400	4400	2800	2800	2900	2800	2000	1500	1300	1200
6000	.50	3800	3400	3000	2900	2800	2200	2200	2100	1400	900	700	500
	.10	3400	3000	2400	2300	1800	1600	1400	1200	700	400	200	0
	.90	4800	4800	4400	4400	2800	2800	2900	2800	2000	1500	1300	1200
6000	.50	3800	3400	3000	2900	2800	2200	2200	2100	1400	900	700	500
	.10	3400	3000	2400	2300	1800	1600	1400	1200	700	400	200	0
	.90	4800	4800	4400	4400	2800	2800	2900	2800	2000	1500	1300	1200
6000	.50	3800	3400	3000	2900	2800	2200	2200	2100	1400	900	700	500
	.10	3400	3000	2400	2300	1800	1600	1400	1200	700	400	200	0
	.90	4800	4800	4400	4400	2800	2800	2900	2800	2000	1500	1300	1200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINDOOK;  
 SPawning MONTH -- SEPTEMBER INCUBATION MONTH -- NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6200	.90	4200	3900	3100	2800	2700	2400	2100	2000	1500	1300	1100	1000	
	.50	3700	3200	2500	2500	2100	1800	1700	1700	1000	700	500	400	
	.10	3300	2800	2300	2300	1700	1600	1300	1200	600	400	200	0	
	.90	4500	4500	3700	3700	2900	2700	2400	2100	1900	1300	1200	1100	
	.50	3800	3400	2600	2500	2200	2100	1800	1700	1200	800	600	500	
	.10	3400	3000	2300	2300	1800	1600	1600	1300	700	400	200	0	
	.90	4900	4900	4400	4400	4300	3300	2900	2800	2000	2000	1600	1300	1200
	.50	4200	3400	3100	2900	2800	2200	2200	2100	1500	1500	900	700	500
	.10	3800	3000	2400	2300	1800	1700	1600	1400	900	500	200	200	100
	.90	4200	3900	3100	2900	2700	2500	2100	2100	1700	1300	1200	1100	1100
6300	.50	3800	3400	2600	2500	2200	1900	1800	1700	1100	800	500	400	
	.10	3400	3000	2300	2300	1800	1600	1600	1300	700	400	200	0	
	.90	4500	4500	3700	3700	2900	2700	2500	2400	1900	1300	1200	1100	
	.50	3800	3400	3000	2500	2200	2100	1800	1700	1200	800	600	500	
	.10	3400	3000	2400	2300	1800	1700	1600	1300	700	500	200	0	
	.90	4900	4900	4400	4400	4300	3700	2900	2800	2000	1600	1300	1200	
	.50	4200	3400	3300	2900	2800	2300	2200	2100	1500	1500	900	700	600
	.10	3800	3000	2600	2300	1800	1700	1600	1600	1000	1000	500	200	100
	.90	4300	4100	3300	2900	2800	2500	2400	2100	1700	1300	1200	1100	1100
	.50	3800	3400	2600	2500	2200	2100	1800	1800	1200	800	600	500	
6400	.10	3400	3000	2400	2300	1800	1700	1600	1300	700	500	200	0	
	.90	4900	4900	4400	4400	4300	3700	2900	2800	2000	1600	1300	1200	
	.50	4200	3400	3300	2900	2800	2300	2200	2100	1500	1500	900	700	
	.10	3800	3000	2600	2300	1800	1700	1600	1600	1000	1000	500	200	
	.90	4300	4100	3300	2900	2800	2500	2400	2100	1700	1300	1200	1100	
	.50	3800	3400	2600	2500	2200	2100	1800	1700	1200	800	600	500	
	.10	3400	3000	2400	2300	1800	1700	1600	1300	700	500	200	0	
	.90	4900	4900	4400	4400	4300	3700	2900	2800	2000	1600	1300	1200	
	.50	4200	3400	3300	2900	2800	2300	2200	2100	1500	1500	900	700	
	.10	3800	3000	2600	2300	1800	1700	1600	1600	1000	1000	500	200	
6500	.90	4600	4600	3700	3700	2900	2800	2700	2400	1900	1300	1200	1100	
	.50	4200	3400	3000	2500	2200	2100	2100	1800	1300	800	600	500	
	.10	3800	3000	2400	2300	1800	1700	1600	1300	900	500	200	0	
	.90	5200	5000	4400	4400	4300	3700	2900	2800	2000	1600	1300	1200	
	.50	4700	3500	3400	2900	2800	2500	2200	2100	1600	900	700	600	
	.10	4300	3000	2600	2300	1800	1700	1700	1600	1000	600	300	100	
	.90	4500	4100	3700	3100	2800	2700	2400	2100	1800	1300	1200	1100	
	.50	4200	3400	2800	2500	2200	2100	1800	1700	1200	800	600	500	
	.10	3800	3000	2400	2300	1800	1700	1600	1300	900	500	200	0	
	.90	4600	4600	3700	3700	3100	2800	2700	2500	1900	1400	1300	1200	
6600	.50	4200	3400	3000	2500	2200	2200	2100	1800	1300	800	700	500	
	.10	3800	3000	2600	2300	1800	1700	1600	1600	900	500	200	100	
	.90	4300	4300	3700	3700	3100	2800	2700	2500	1900	1400	1300	1200	
	.50	4200	3400	3000	2500	2200	2200	2100	1800	1300	800	700	500	
	.10	3800	3000	2600	2300	1800	1700	1600	1600	900	500	200	100	
	.90	4300	4300	3700	3700	3100	2800	2700	2500	1900	1400	1300	1200	
	.50	4200	3400	3000	2500	2200	2200	2100	1800	1300	800	700	500	
	.10	3800	3000	2600	2300	1800	1700	1600	1600	900	500	200	100	
	.90	4300	4300	3700	3700	3100	2800	2700	2500	1900	1400	1300	1200	
	.50	4200	3400	3000	2500	2200	2200	2100	1800	1300	800	700	500	
6700	.10	3800	3000	2600	2300	1800	1700	1600	1600	900	500	200	100	
	.90	4300	4300	3700	3700	3100	2800	2700	2500	1900	1400	1300	1200	
	.50	4200	3400	3000	2500	2200	2200	2100	1800	1300	800	700	500	
	.10	3800	3000	2600	2300	1800	1700	1600	1600	900	500	200	100	
	.90	4300	4300	3700	3700	3100	2800	2700	2500	1900	1400	1300	1200	
	.50	4200	3400	3000	2500	2200	2200	2100	1800	1300	800	700	500	
	.10	3800	3000	2600	2300	1800	1700	1600	1600	900	500	200	100	
	.90	4300	4300	3700	3700	3100	2800	2700	2500	1900	1400	1300	1200	
	.50	4200	3400	3000	2500	2200	2200	2100	1800	1300	800	700	500	
	.10	3800	3000	2600	2300	1800	1700	1600	1600	900	500	200	100	

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4500	4400	3700	3300	2800	2700	2500	2400	1900	1300	1200	1100
	.50	4200	3400	3000	2500	2200	2100	2000	1800	1300	800	600	500
	.10	3800	3000	2600	2300	1800	1700	1600	1600	900	500	200	0
	.90	5200	4600	3900	3700	3100	2800	2700	2500	2000	1500	1300	1200
	.50	4700	3400	3100	2600	2300	2200	2100	1800	1400	900	700	500
	.10	4300	3000	2600	2300	1800	1700	1700	1600	1000	500	200	100
	.90	5200	5100	4400	4300	4300	3700	2900	2800	2100	1800	1400	1300
	.50	4700	3600	3400	3000	2800	2500	2200	2200	1600	1100	800	600
	.10	4300	3000	2700	2400	2100	1800	1700	1600	1100	600	300	200
6700	.90	4500	4400	3700	3700	2900	2700	2600	2400	1900	1400	1200	1100
	.50	4200	3400	3000	2500	2200	2200	2100	1800	1300	800	700	500
	.10	3800	3000	2600	2300	1800	1700	1700	1600	1000	500	200	100
	.90	5200	4700	4300	3700	3300	2900	2800	2700	2000	1600	1300	1200
	.50	4700	3400	3200	2800	2500	2200	2100	2100	1500	900	700	600
	.10	4300	3000	2600	2300	1900	1800	1700	1600	1000	600	300	100
	.90	5300	5100	4400	4300	4300	3700	2900	2800	2100	1800	1400	1300
	.50	4800	3900	3400	3000	2800	2500	2200	2200	1700	1100	800	600
	.10	4400	3500	2700	2400	2100	1800	1700	1700	1100	600	400	200
6800	.90	5200	4500	3700	3700	2900	2800	2700	2400	1900	1400	1300	1100
	.50	4700	3400	3000	2600	2500	2200	2100	1800	1400	800	700	500
	.10	4300	3000	2600	2300	1900	1700	1700	1600	1000	500	200	100
	.90	5200	4700	4400	4300	3700	2900	2800	2700	2000	1600	1300	1200
	.50	4700	3400	3200	3000	2500	2200	2200	2100	1600	900	800	600
	.10	4300	3000	2700	2400	2100	1800	1700	1600	1100	600	300	200
	.90	5300	5200	4300	4300	4300	3700	3100	2800	2400	1900	1500	1300
	.50	4800	3900	3700	3100	2800	2500	2200	2200	1700	1200	800	700
	.10	4400	3500	2700	2600	2300	1800	1700	1700	1100	600	500	200
6900	.90	5200	4500	3700	3700	3100	2800	2700	2500	2000	1500	1300	1200
	.50	4700	3400	3000	2700	2500	2200	2100	2100	1500	900	700	600
	.10	4300	3000	2600	2400	2100	1800	1700	1600	1100	600	300	200
	.90	5300	5200	4300	4300	4300	3700	3100	2800	2400	1900	1500	1300
	.50	4800	3900	3700	3100	2800	2500	2200	2200	1700	1200	800	700
	.10	4400	3500	2700	2600	2300	1800	1700	1700	1100	600	500	200
	.90	5200	4500	3700	3700	3100	2800	2700	2500	2000	1500	1300	1200
	.50	4700	3400	3000	2700	2500	2200	2100	2100	1500	900	700	600
	.10	4300	3000	2600	2400	2100	1800	1700	1600	1100	600	300	100
	.90	5300	4800	4400	4400	3900	3100	2900	2800	2100	1700	1300	1200
	.50	4800	3900	3300	3000	2800	2500	2200	2100	1600	1100	800	600
	.10	4400	3500	2700	2400	2100	1800	1700	1700	1100	600	400	200
	.90	5400	5200	5200	4500	4300	3700	3300	2800	2400	1900	1600	1300
	.50	4900	3900	3700	3700	2900	2700	2300	2200	1700	1200	800	700
	.10	4500	3500	3000	2600	2300	1800	1800	1700	1200	700	500	200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5200	3900	3700	3100	2800	2700	2700	2000	1500	1300	1200
	.50		4700	3100	3000	2500	2200	2100	2100	1600	900	700	600
	.10		4300	2700	2400	2100	1800	1700	1600	1100	600	300	200
	.90	.50	5300	4400	4400	4300	3600	2900	2800	2100	1800	1400	1300
	.50		4800	3300	3000	2900	2500	2200	2200	1700	1100	800	700
	.10		4400	2700	2600	2300	1800	1700	1700	1100	600	500	200
	.90	.10	5400	5200	5200	4300	4300	3700	3100	2500	1900	1600	1300
	.50		5100	3700	3700	3400	2800	2500	2200	1800	1300	900	700
	.10		4700	3000	2600	2300	1800	1800	1700	1200	700	500	200









TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINDOK:  
 SPawning MONTH -- SEPTEMBER INCUBATION MONTH -- DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1600	1300	1200	1100	900	900	800	600	400	100	0	0
	.50	1100	900	800	700	600	500	400	300	0	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1600	1300	1200	1100	1000	900	800	800	500	200	100	0
	.50	1100	900	800	800	600	500	400	400	0	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	2500	1900	1400	1300	1100	1000	900	900	600	400	200	100
	.50	1600	1200	900	800	600	600	500	400	100	0	0	0
	.10	900	600	300	200	0	0	0	0	0	0	0	0
3100	.90	1600	1300	1200	1100	1000	900	800	700	400	100	0	0
	.50	1100	900	800	800	600	500	400	300	0	0	0	0
	.10	300	300	200	0	0	0	0	0	0	0	0	0
	.90	1900	1300	1200	1200	1100	900	900	800	500	200	100	0
	.50	1500	900	900	800	600	500	500	400	0	0	0	0
	.10	800	300	300	100	0	0	0	0	0	0	0	0
3200	.90	2500	2000	1500	1300	1200	1100	900	900	700	400	200	100
	.50	1600	1500	900	900	600	500	500	400	100	0	0	0
	.10	900	800	300	300	0	0	0	0	0	0	0	0
	.90	1900	1300	1200	1200	1000	900	800	800	400	200	100	0
	.50	1500	900	900	800	600	500	500	400	0	0	0	0
	.10	800	300	300	100	0	0	0	0	0	0	0	0
	.90	2000	1700	1300	1200	1100	900	900	900	600	300	100	0
	.50	1600	1200	900	800	600	600	500	400	100	0	0	0
	.10	900	600	300	200	0	0	0	0	0	0	0	0
3300	.90	2500	2000	1800	1400	1200	1100	1000	900	700	500	300	100
	.50	1600	1500	1200	900	800	600	500	500	200	0	0	0
	.10	900	800	600	300	0	0	0	0	0	0	0	0
	.90	2000	1500	1300	1200	1100	900	900	800	500	200	100	0
	.50	1600	1200	900	800	600	600	500	400	0	0	0	0
	.10	900	600	300	200	0	0	0	0	0	0	0	0
	.90	2100	1900	1400	1300	1100	1000	900	900	600	400	100	0
	.50	1600	1500	900	900	700	600	500	500	100	0	0	0
	.10	900	800	300	300	0	0	0	0	0	0	0	0
	.90	2500	2000	1800	1500	1200	1100	1100	1000	800	500	400	200
	.50	1700	1500	1200	900	800	600	600	500	200	0	0	0
	.10	900	800	600	300	100	0	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2000	1900	1300	1200	1100	900	900	800	600	300	100	0
	.50	1600	1500	900	900	600	600	500	400	100	0	0	0
	.10	900	800	300	300	0	0	0	0	0	0	0	0
	.90	2100	1900	1500	1300	1200	1100	900	900	600	400	200	100
	.50	1600	1500	1200	900	800	600	500	500	100	0	0	0
	.10	900	800	600	300	0	0	0	0	0	0	0	0
	.90	2500	2000	1800	1500	1200	1200	1100	1000	800	600	400	200
	.50	1700	1600	1200	900	800	600	600	500	200	0	0	0
	.10	900	900	600	300	100	0	0	0	0	0	0	0
3500	.90	2100	1900	1500	1300	1100	1000	900	900	600	300	100	100
	.50	1600	1500	1200	900	800	600	500	500	100	0	0	0
	.10	900	800	600	300	0	0	0	0	0	0	0	0
	.90	2200	1900	1500	1300	1200	1100	1000	900	700	400	200	100
	.50	1700	1500	1200	900	800	600	500	500	200	0	0	0
	.10	900	800	600	300	100	0	0	0	0	0	0	0
	.90	2500	2400	1800	1500	1300	1200	1100	1100	900	600	400	300
	.50	2000	1600	1200	1200	800	700	600	500	300	0	0	0
	.10	1300	900	600	400	200	0	0	0	0	0	0	0
3600	.90	2100	1900	1500	1300	1200	1000	900	900	600	400	200	100
	.50	1600	1500	1200	900	800	600	500	500	200	0	0	0
	.10	900	800	600	300	100	0	0	0	0	0	0	0
	.90	2200	2000	1500	1400	1200	1100	1000	1000	800	500	300	100
	.50	1700	1600	1200	900	800	600	600	500	200	0	0	0
	.10	900	900	600	300	100	0	0	0	0	0	0	0
	.90	2500	2500	1900	1800	1400	1200	1100	1100	900	600	500	300
	.50	2000	1600	1300	1200	900	800	600	600	400	0	0	0
	.10	1300	900	600	600	200	0	0	0	0	0	0	0
3700	.90	2200	2000	1500	1300	1200	1100	1000	900	700	400	200	100
	.50	1700	1600	1200	900	800	600	600	500	200	0	0	0
	.10	900	900	600	300	100	0	0	0	0	0	0	0
	.90	2500	2000	1800	1500	1300	1100	1100	1000	800	500	400	200
	.50	2000	1600	1200	1200	800	700	600	500	300	0	0	0
	.10	1300	900	600	400	200	0	0	0	0	0	0	0
	.90	2500	2500	2000	1800	1500	1200	1100	1000	800	500	400	200
	.50	2000	1800	1500	1200	900	800	600	500	200	0	0	0
	.10	1300	900	600	400	200	0	0	0	0	0	0	0
	.90	2500	2500	2000	1800	1500	1200	1200	1100	900	700	500	400
	.50	2000	1800	1500	1200	900	800	600	600	400	100	500	0
	.10	1300	1000	800	600	300	0	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3600	.90	2400	2000	1500	1500	1200	1100	1000	900	700	500	300	100
	.50	2000	1600	1200	1200	800	600	600	500	300	0	0	0
	.10	1300	900	600	400	200	0	0	0	0	0	0	0
	.90	2500	2400	1900	1500	1300	1200	1100	1100	900	600	400	200
	.50	2000	1600	1300	1200	900	800	600	600	400	0	0	0
	.10	1300	900	600	600	200	0	0	0	0	0	0	0
	.90	2600	2500	2000	1900	1500	1300	1200	1200	1000	700	600	400
	.50	2000	2000	1500	1200	1000	800	700	600	400	100	0	0
	.10	1300	1300	800	600	300	100	0	0	0	0	0	0
3900	.90	2400	2000	1800	1500	1300	1100	1100	1000	800	500	300	100
	.50	2000	1600	1300	1200	800	700	600	600	300	0	0	0
	.10	1300	1000	800	600	200	0	0	0	0	0	0	0
	.90	2500	2400	1900	1500	1400	1200	1100	1100	900	600	400	300
	.50	2000	1800	1500	1200	900	800	600	600	400	100	0	0
	.10	1300	1000	800	600	300	0	0	0	0	0	0	0
4000	.90	3500	2500	2100	1900	1500	1300	1200	1200	1000	800	600	400
	.50	2000	2000	1500	1300	1000	800	800	600	500	200	0	0
	.10	1300	1300	800	600	300	100	0	0	0	0	0	0
	.90	2400	2300	1900	1500	1300	1200	1100	1000	900	600	400	200
	.50	2000	1800	1500	1200	900	800	600	600	400	0	0	0
	.10	1300	1000	800	600	200	0	0	0	0	0	0	0
	.90	2500	2400	1900	1800	1500	1200	1200	1100	900	700	500	300
	.50	2000	2000	1500	1200	1000	800	700	600	400	100	0	0
	.10	1300	1300	800	600	300	100	0	0	0	0	0	0
	.90	3600	2500	2400	2000	1600	1400	1300	1200	1000	900	600	500
	.50	2000	2000	1600	1500	1000	900	800	700	500	200	0	0
	.10	1300	1300	900	800	300	100	0	0	0	0	0	0
4100	.90	2400	2400	1900	1500	1400	1200	1100	1100	900	600	400	300
	.50	2000	2000	1500	1200	900	800	600	600	400	100	0	0
	.10	1300	1300	800	600	300	100	0	0	0	0	0	0
	.90	2500	2400	2000	1800	1500	1300	1200	1100	900	700	500	400
	.50	2000	2000	1500	1300	1000	800	800	600	400	100	0	0
	.10	1300	1300	800	600	300	100	0	0	0	0	0	0
	.90	2500	2400	2000	1800	1500	1300	1200	1100	900	700	500	400
	.50	2000	2000	1500	1300	1000	800	800	600	400	100	0	0
	.10	1300	1300	800	600	300	100	0	0	0	0	0	0
	.90	3600	2500	2500	2100	1800	1500	1300	1200	1000	900	700	500
	.50	2400	2000	1800	1600	1200	900	800	800	500	200	0	0
	.10	1700	1300	1200	900	600	200	100	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2400	2400	2000	1800	1500	1200	1200	1100	900	600	400	300
	.50	2000	2000	1500	1200	1000	800	700	600	400	100	0	0
	.10	1300	1300	800	600	300	100	0	0	0	0	0	0
	.90	2500	2400	2000	1900	1500	1300	1200	1200	900	800	600	400
	.50	2000	2000	1600	1500	1000	800	800	700	500	200	0	0
	.10	1300	1300	900	800	300	100	0	0	0	0	0	0
	.90	3600	2800	2500	2100	1900	1500	1400	1300	1100	900	700	600
	.50	2600	2000	1800	1600	1200	1000	800	800	500	300	0	0
	.10	1900	1300	1200	900	600	200	100	0	0	0	0	0
4300	.90	2500	2400	2000	1900	1500	1300	1200	1100	900	700	500	400
	.50	2000	2000	1600	1500	1000	800	800	600	500	200	0	0
	.10	1300	1300	900	800	300	100	0	0	0	0	0	0
	.90	2800	2400	2100	2000	1500	1400	1300	1200	1000	800	600	400
	.50	2400	2000	1800	1600	1200	900	800	800	500	200	0	0
	.10	1700	1300	1200	900	600	200	100	0	0	0	0	0
	.90	3700	2800	2500	2400	1900	1600	1500	1300	1100	900	800	600
	.50	2600	2000	1800	1600	1300	1000	900	800	500	300	100	0
	.10	1900	1300	1200	900	600	300	100	100	0	0	0	0
4400	.90	2800	2400	2100	2000	1500	1300	1200	1200	900	700	500	400
	.50	2400	2000	1800	1600	1200	900	800	700	500	200	0	0
	.10	1700	1300	1200	900	600	200	100	0	0	0	0	0
	.90	3000	2500	2100	2000	1700	1500	1300	1200	1000	900	600	500
	.50	2600	2000	1800	1600	1200	900	800	800	500	200	0	0
	.10	1900	1300	1200	900	600	200	100	0	0	0	0	0
	.90	3800	2800	2500	2400	2000	1800	1500	1400	1100	900	800	600
	.50	2700	2000	1800	1800	1500	1000	900	800	600	400	100	0
	.10	2000	1300	1200	1200	600	300	200	100	0	0	0	0
4500	.90	3000	2400	2100	2000	1500	1400	1300	1200	1000	800	600	400
	.50	2600	2000	1800	1600	1200	900	800	800	500	200	0	0
	.10	1900	1300	1200	900	600	200	100	0	0	0	0	0
	.90	3000	2500	2100	2100	1800	1500	1300	1200	1100	900	700	500
	.50	2600	2000	1800	1600	1200	900	800	800	500	200	0	0
	.10	1900	1300	1200	900	600	200	100	0	0	0	0	0
	.90	3000	2500	2100	2100	1800	1500	1300	1200	1100	900	700	500
	.50	2600	2000	1800	1600	1200	900	800	800	500	300	0	0
	.10	1900	1300	1200	900	600	300	100	100	0	0	0	0
	.90	3800	2800	2500	2500	2000	1800	1500	1400	1100	1000	800	700
	.50	2700	2200	1800	1800	1500	1200	900	800	600	400	100	0
	.10	2000	1300	1200	1200	800	400	200	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPANWING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3000	2400	2100	2000	1800	1500	1300	1200	1000	800	600	400
	.50	2600	2000	1800	1600	1200	1000	800	800	500	300	0	0
	.10	1900	1300	1200	900	600	300	100	100	0	0	0	0
	.90	3100	2500	2400	2100	1900	1500	1400	1300	1100	900	700	500
	.50	2700	2000	1800	1800	1400	1000	900	800	500	300	100	0
	.10	2000	1300	1200	1200	600	300	200	100	0	0	0	0
	.90	3900	2800	2600	2500	2100	1900	1600	1500	1200	1000	900	700
	.50	2800	2300	2000	1800	1500	1200	1000	900	600	400	200	0
	.10	2100	1300	1200	1200	800	600	300	200	0	0	0	0
4700	.90	3100	2500	2100	2100	1900	1500	1300	1200	1100	900	600	500
	.50	2700	2000	1800	1800	1400	1000	800	800	500	300	0	0
	.10	2000	1300	1200	1200	600	300	200	100	0	0	0	0
	.90	3100	2500	2400	2100	1900	1600	1500	1300	1100	900	700	600
	.50	2700	2000	1800	1800	1500	1100	900	800	600	400	100	0
	.10	2000	1300	1200	1200	800	400	200	100	0	0	0	0
	.90	3900	2800	2600	2500	2100	1900	1800	1500	1200	1000	900	700
	.50	3100	2300	2000	1800	1600	1200	1000	900	600	400	200	0
	.10	2200	1300	1300	1200	900	600	300	200	0	0	0	0
4800	.90	3100	2500	2100	2100	1900	1500	1300	1300	1100	900	700	500
	.50	2700	2000	1800	1800	1500	1100	900	800	600	400	100	0
	.10	2000	1300	1200	1200	800	300	200	100	0	0	0	0
	.90	3500	2500	2400	2100	2000	1800	1500	1300	1100	900	800	600
	.50	2800	2000	2000	1800	1500	1200	900	800	600	400	100	0
	.10	2100	1300	1200	1200	800	600	300	200	0	0	0	0
	.90	3900	3300	2700	2500	2100	2000	1800	1600	1200	1100	900	800
	.50	3100	2300	2000	1800	1600	1300	1100	900	700	400	200	100
	.10	2200	1300	1300	1200	900	600	300	200	0	0	0	0
	.90	3200	2500	2400	2100	2000	1500	1400	1300	1100	900	700	600
	.50	2800	2000	2000	1800	1500	1200	900	800	600	400	100	0
	.10	2100	1300	1200	1200	800	500	300	200	0	0	0	0
	.90	3600	2600	2500	2100	2000	1800	1500	1400	1100	1000	800	700
	.50	3100	2000	2000	1800	1600	1200	1000	900	600	400	200	0
	.10	2200	1300	1300	1200	900	600	300	200	0	0	0	0
	.90	4000	3400	2800	2500	2400	2000	1900	1800	1200	1100	900	800
	.50	3100	2400	2000	1800	1600	1500	1200	1000	700	400	300	100
	.10	2200	1700	1300	1200	900	600	400	300	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3200	2500	2400	2100	2000	1700	1500	1300	1100	900	700	600
	.50	2800	2000	2000	1800	1600	1200	1000	800	600	400	100	0
	.10	2100	1300	1300	1200	900	600	300	200	0	0	0	0
	.90	3600	2800	2500	2400	2000	1900	1600	1500	1200	1000	900	700
	.50	3100	2000	2000	1800	1600	1300	1000	900	600	400	200	0
	.10	2200	1300	1300	1200	900	600	300	200	0	0	0	0
	.90	4000	3600	2800	2700	2400	2100	1900	1800	1300	1100	1000	900
	.50	3100	2500	2000	1800	1800	1500	1300	1100	800	500	300	100
	.10	2200	1900	1300	1200	900	800	600	300	0	0	0	0
5100	.90	3600	2500	2400	2100	2000	1800	1500	1400	1100	900	800	600
	.50	3100	2000	2000	1800	1600	1300	1000	900	600	400	200	0
	.10	2200	1300	1300	1200	900	600	300	200	0	0	0	0
	.90	3600	2800	2500	2400	2100	1900	1800	1500	1200	1000	900	700
	.50	3100	2400	2000	1800	1600	1500	1200	900	700	400	200	100
	.10	2200	1700	1300	1200	900	600	400	300	0	0	0	0
	.90	4100	4100	3400	2800	2500	2100	2000	1900	1300	1100	1000	900
	.50	3100	2500	2000	2000	1800	1600	1400	1200	800	500	300	200
	.10	2200	1900	1300	1300	1200	800	600	300	0	0	0	0
5200	.90	3600	2800	2400	2300	2000	1900	1600	1500	1200	900	800	700
	.50	3100	2400	2000	1800	1600	1400	1100	900	700	400	200	0
	.10	2200	1700	1300	1200	900	600	400	300	0	0	0	0
	.90	3700	2800	2500	2500	2100	2000	1800	1600	1200	1100	900	800
	.50	3100	2500	2000	1800	1600	1500	1200	1000	800	500	300	100
	.10	2200	1900	1300	1200	900	800	600	300	0	0	0	0
	.90	4100	4100	3400	3300	2500	2400	2000	1900	1300	1200	1000	900
	.50	3200	2500	2200	2000	1800	1600	1500	1300	800	500	400	200
	.10	2300	1900	1300	1300	1200	800	600	500	100	0	0	0
5300	.90	3600	2800	2500	2400	2100	1900	1800	1500	1200	1000	900	700
	.50	3100	2500	2000	1800	1600	1500	1200	1000	700	400	200	0
	.10	2200	1900	1300	1200	900	800	600	300	0	0	0	0
	.90	3800	3000	2800	2500	2100	2000	1900	1800	1200	1100	900	800
	.50	3100	2500	2000	2000	1800	1500	1300	1200	800	500	300	100
	.10	2200	1900	1300	1300	1200	800	600	300	0	0	0	0
	.90	4200	4200	3400	3400	2600	2400	2100	2000	1400	1200	1100	900
	.50	3300	2600	2400	2000	1800	1600	1500	1400	800	500	400	200
	.10	2400	1900	1300	1300	1200	900	800	600	100	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3600	2800	2500	2400	2100	2000	1800	1600	1200	1000	900	700
	.50	3100	2500	2000	2000	1800	1500	1200	1000	800	500	300	100
	.10	2200	1900	1300	1300	1200	800	600	300	0	0	0	0
	.90	3800	3300	2800	2500	2400	2000	1900	1800	1200	1100	1000	900
	.50	3200	2500	2200	2000	1800	1600	1400	1200	800	500	300	200
	.10	2300	1900	1300	1300	1200	800	600	500	100	0	0	0
	.90	4200	4200	3400	3400	2700	2400	2100	2000	1500	1200	1100	1000
	.50	3300	2900	2500	2200	1800	1800	1600	1500	800	600	400	300
	.10	2400	2200	1700	1300	1200	900	800	600	100	0	0	0
5500	.90	3600	2800	2500	2400	2100	2000	1900	1800	1200	1100	900	800
	.50	3100	2500	2000	2000	1800	1500	1300	1200	800	500	300	100
	.10	2200	1900	1300	1300	1200	800	600	400	100	0	0	0
	.90	3900	3300	2800	2700	2400	2100	2000	1900	1300	1100	1000	900
	.50	3300	2600	2300	2000	1800	1600	1500	1300	800	500	400	200
	.10	2400	1900	1300	1300	1200	900	800	600	100	0	0	0
	.90	4300	4300	3400	3400	2800	2500	2400	2100	1500	1200	1100	1000
	.50	3300	2900	2500	2200	2000	1800	1600	1500	900	600	400	300
	.10	2400	2200	1900	1300	1300	1000	800	700	100	0	0	0
5600	.90	3700	3000	2800	2500	2100	2000	1900	1800	1200	1100	900	800
	.50	3200	2600	2200	2000	1800	1600	1500	1200	800	500	400	200
	.10	2300	1900	1300	1300	1200	900	700	600	100	0	0	0
	.90	3900	3600	2800	2700	2400	2100	2000	1900	1300	1200	1000	900
	.50	3300	2900	2400	2200	1800	1600	1500	1400	800	500	400	200
	.10	2400	2200	1700	1300	1200	900	800	600	100	0	0	0
	.90	4300	4300	3400	3400	2800	2500	2400	2100	1600	1200	1100	1000
	.50	3400	2900	2500	2400	2000	1800	1600	1500	900	600	400	300
	.10	2500	2200	1900	1300	1300	1200	900	800	200	0	0	0
5700	.90	3800	3300	2800	2600	2400	2000	2000	1900	1300	1100	1000	900
	.50	3300	2600	2400	2000	1800	1600	1500	1300	800	500	400	200
	.10	2400	2000	1700	1300	1200	900	800	600	100	0	0	0
	.90	3900	3800	2800	2800	2500	2100	2000	1900	1400	1200	1100	900
	.50	3300	2900	2500	2200	2000	1700	1500	1500	800	600	400	200
	.10	2400	2200	1900	1300	1300	1000	800	700	100	0	0	0
	.90	4300	4300	3400	3400	2800	2500	2400	2100	1600	1200	1100	900
	.50	3400	2900	2500	2400	2000	1800	1600	1500	900	600	400	200
	.10	2500	2200	1900	1300	1300	1200	900	800	200	0	0	0
	.90	3800	3300	2800	2600	2400	2000	2000	1900	1300	1100	1000	900
	.50	3300	2600	2400	2000	1800	1600	1500	1300	800	500	400	200
	.10	2400	2000	1700	1300	1200	900	800	600	100	0	0	0
	.90	3900	3800	2800	2800	2500	2100	2000	1900	1400	1200	1100	900
	.50	3300	2900	2500	2200	2000	1700	1500	1500	800	600	400	200
	.10	2400	2200	1900	1300	1300	1000	800	700	100	0	0	0
	.90	4300	4300	3400	3400	2800	2600	2400	2100	1700	1200	1100	900
	.50	3400	3100	2500	2500	2000	1800	1800	1600	1000	700	500	400
	.10	2500	2200	1900	1500	1300	1200	900	800	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5800	.90	3800	3300	2800	2700	2400	2100	2000	1900	1300	1100	1000	900	
	.50	3300	2900	2500	2200	1800	1600	1500	1500	800	500	400	200	
	.10	2400	2200	1900	1300	1200	900	800	700	100	0	0	0	
	.90	4000	3900	2800	2800	2500	2400	2100	2000	1500	1200	1100	1000	
	.50	3400	2900	2500	2200	2000	1800	1600	1500	800	600	400	300	
	.10	2500	2200	1900	1300	1300	1200	900	800	200	0	0	0	
	.90	4400	4400	4000	3400	2800	2600	2500	2400	2400	1800	1300	1200	1100
	.50	3600	3100	2600	2500	2200	1800	1800	1800	1600	1000	700	500	400
	.10	2900	2200	1900	1700	1300	1200	900	800	200	0	0	0	0
	.90	3800	3600	2800	2800	2500	2100	2000	1900	1400	1100	1000	900	900
5900	.50	3300	2900	2500	2200	2000	1800	1600	1500	800	600	400	300	
	.10	2400	2200	1900	1300	1300	1200	900	800	200	0	0	0	
	.90	4000	3900	3300	2800	2700	2400	2100	2000	1500	1200	1100	1000	
	.50	3400	3100	2500	2400	2000	1800	1600	1500	900	600	400	300	
	.10	2500	2200	1900	1500	1300	1200	900	800	200	0	0	0	
	.90	4400	4400	4100	4000	3400	2700	2400	2100	2000	1500	1200	1100	1000
	.50	3600	3400	2600	2500	2200	2000	1800	1600	1500	900	600	400	300
	.10	2900	2500	1900	1900	1300	1200	1200	900	800	200	0	0	0
	.90	3900	3800	2800	2800	2500	2100	2100	2100	2000	1400	1200	1100	900
	.50	3400	2900	2500	2200	2000	1800	1800	1600	1500	800	600	400	300
6000	.10	2500	2200	1900	1500	1300	1200	900	800	200	0	0	0	
	.90	4400	4400	4100	4000	3400	2700	2600	2500	1900	1300	1200	1100	
	.50	3600	3400	2600	2500	2200	2000	1800	1700	1200	800	500	400	
	.10	2900	2500	1900	1900	1300	1200	1000	800	300	0	0	0	
	.90	3900	3800	2800	2800	2500	2100	2100	2000	1400	1200	1100	900	
	.50	3400	2900	2500	2200	2000	1800	1600	1500	800	600	400	300	
	.10	2500	2200	1900	1500	1300	1200	900	800	200	0	0	0	
	.90	4100	4100	3400	2900	2700	2400	2100	2100	2100	1600	1200	1100	1000
	.50	3600	3100	2500	2500	2000	1800	1800	1600	1500	900	700	500	300
	.10	2900	2200	1900	1700	1300	1200	1200	900	800	200	0	0	0
6100	.90	4500	4500	4100	4100	3400	2800	2700	2600	1900	1300	1200	1100	
	.50	3700	3400	2900	2500	2400	2000	1800	1800	1200	800	600	400	
	.10	3000	2500	1900	1900	1300	1200	1200	900	300	0	0	0	
	.90	4000	3900	2800	2800	2600	2400	2100	2000	1500	1200	1100	1000	
	.50	3600	3100	2500	2400	2000	1800	1600	1500	900	700	400	300	
	.10	2900	2200	1900	1700	1300	1200	900	800	200	0	0	0	
	.90	4100	4100	3400	3400	2800	2500	2400	2100	2100	1700	1200	1100	
	.50	3600	3400	2500	2500	2200	1800	1800	1600	1000	700	500	400	
	.10	2900	2500	1900	1900	1300	1200	1200	900	800	200	0	0	0
	.90	4500	4500	4100	4100	4000	2900	2900	2700	2600	1900	1400	1200	1100
6200	.50	3700	3400	2900	2600	2500	2200	2000	1800	1300	800	600	400	
	.10	3000	2500	1900	1900	1300	1200	1200	900	300	0	0	0	
	.90	4000	3900	2800	2800	2600	2400	2100	2000	1500	1200	1100	1000	
	.50	3600	3100	2500	2400	2000	1800	1600	1500	900	700	400	300	
	.10	2900	2200	1900	1700	1300	1200	900	800	200	0	0	0	
	.90	4100	4100	3400	3400	2800	2500	2400	2100	2100	1700	1200	1100	
	.50	3600	3400	2500	2500	2200	1800	1800	1600	1000	700	500	400	
	.10	2900	2500	1900	1900	1300	1200	1200	900	800	200	0	0	0
	.90	4500	4500	4100	4100	4000	2900	2900	2700	2600	1900	1400	1200	1100
	.50	3700	3400	2900	2900	2500	2200	2200	2000	1800	1300	800	600	400
6300	.10	3000	2500	1900	1900	1300	1200	1200	900	300	0	0	0	
	.90	4500	4500	4100	4100	4000	2900	2900	2700	2600	1900	1400	1200	1100
	.50	3700	3400	2900	2600	2500	2200	2000	1800	1300	800	600	400	
	.10	3000	2500	1900	1900	1300	1200	1200	900	300	0	0	0	
	.90	4000	3900	2800	2800	2600	2400	2100	2000	1500	1200	1100	1000	
	.50	3600	3100	2500	2400	2000	1800	1600	1500	900	700	400	300	
	.10	2900	2200	1900	1700	1300	1200	900	800	200	0	0	0	
	.90	4100	4100	3400	3400	2800	2500	2400	2100	2100	1700	1200	1100	
	.50	3600	3400	2500	2500	2200	1800	1800	1600	1000	700	500	400	
	.10	2900	2500	1900	1900	1300	1200	1200	900	800	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	4000	3900	2800	2800	2700	2400	2100	2000	1500	1200	1100	1000
	.50	3600	3200	2500	2500	2000	1800	1600	1500	900	700	500	300
	.10	2900	2300	1900	1900	1300	1200	900	800	200	0	0	0
	.90	4200	4200	3400	3400	2800	2600	2400	2100	1800	1300	1100	1100
	.50	3700	3400	2600	2500	2200	2000	1800	1600	1100	700	500	400
	.10	3000	2500	1900	1900	1300	1200	1200	900	300	0	0	0
	.90	4600	4600	4100	4100	4000	3300	2700	2600	2000	1400	1200	1100
	.50	4100	3400	3000	2600	2500	2200	2000	1800	1300	800	600	400
	.10	3400	2500	2000	1900	1300	1300	1200	900	400	100	0	0
	.90	4100	3900	2900	2800	2700	2400	2100	2100	1600	1200	1100	1000
6300	.50	3700	3400	2500	2500	2200	1800	1800	1600	1000	700	500	400
	.10	3000	2500	1900	1900	1300	1200	1200	900	300	0	0	0
	.90	4200	4200	3400	3400	2800	2600	2400	2400	1800	1300	1200	1100
	.50	3700	3400	2600	2500	2200	2000	1800	1600	1200	800	500	400
	.10	3000	2500	2000	1900	1300	1300	1200	900	300	0	0	0
	.90	4600	4600	4100	4100	4000	3400	2800	2700	2000	1400	1200	1200
	.50	4100	3400	3000	2600	2500	2200	2000	2000	1400	800	700	500
	.10	3400	2500	2200	1900	1300	1300	1200	1200	500	100	0	0
	.90	4100	4000	3300	2800	2700	2400	2400	2100	1700	1200	1100	1100
	.50	3700	3400	2600	2500	2200	2000	1800	1600	1100	700	500	400
6400	.10	3000	2500	2000	1900	1300	1300	1200	900	300	0	0	0
	.90	4600	4600	4100	4100	4000	3400	2800	2700	2000	1400	1200	1200
	.50	4100	3400	3000	2600	2500	2200	2000	2000	1400	800	700	500
	.10	3400	2500	2200	1900	1300	1300	1200	1200	500	100	0	0
	.90	4100	4000	3300	2800	2700	2400	2400	2100	1700	1200	1100	1100
	.50	3700	3400	2600	2500	2200	2000	1800	1600	1100	700	500	400
	.10	3000	2500	2000	1900	1300	1300	1200	900	300	0	0	0
	.90	4500	4300	3400	3400	2800	2700	2500	2400	1900	1300	1200	1100
	.50	4100	3400	2700	2500	2200	2000	1800	1800	1200	800	600	400
	.10	3400	2500	2000	1900	1300	1300	1200	900	400	100	0	0
6500	.90	5200	4700	4100	4100	4000	3400	2800	2700	2000	1500	1300	1200
	.50	4700	3400	3100	2600	2500	2400	2200	2000	1500	800	700	500
	.10	3800	2500	2200	1900	1300	1300	1300	1200	600	100	0	0
	.90	4500	4000	3400	2900	2800	2500	2400	2100	1800	1300	1200	1100
	.50	4100	3400	2600	2500	2200	2000	1800	1600	1200	800	500	400
	.10	3400	2500	2000	1900	1300	1300	1200	900	400	100	0	0
	.90	4500	4300	3400	3400	2800	2700	2500	2400	1900	1300	1200	1100
	.50	4100	3400	2900	2500	2200	2000	1800	1800	1300	800	600	400
	.10	3400	2500	2200	1900	1300	1300	1200	1200	500	100	0	0
	.90	5200	4700	4100	4100	4000	3400	2800	2700	2000	1500	1300	1200
6600	.50	4700	3400	3100	2600	2500	2400	2200	2000	1500	800	700	500
	.10	3800	2500	2200	1900	1300	1300	1300	1200	600	100	0	0
	.90	4500	4000	3400	2900	2800	2500	2400	2100	1800	1300	1200	1100
	.50	4100	3400	2600	2500	2200	2000	1800	1600	1200	800	500	400
	.10	3400	2500	2000	1900	1300	1300	1200	900	400	100	0	0
	.90	4500	4300	3400	3400	2800	2700	2500	2400	1900	1300	1200	1100
	.50	4100	3400	2900	2500	2200	2000	1800	1800	1300	800	600	400
	.10	3400	2500	2200	1900	1300	1300	1200	1200	500	100	0	0
	.90	5200	4700	4100	4100	4000	3400	2800	2700	2000	1500	1300	1200
	.50	4700	3400	3100	2600	2500	2400	2200	2000	1500	800	700	500
6700	.10	3800	2500	2200	1900	1300	1300	1200	1200	600	100	0	0
	.90	5200	4700	4100	4100	4000	3400	2800	2700	2000	1500	1300	1200
	.50	4700	3400	3100	2600	2500	2400	2200	2000	1500	800	700	500
	.10	3800	2500	2200	1900	1300	1300	1200	1200	600	100	0	0
	.90	5200	4700	4100	4100	4000	3400	2800	2700	2000	1500	1300	1200
	.50	4700	3400	3100	2600	2500	2400	2200	2000	1500	800	700	500
	.10	3800	2500	2200	1900	1300	1300	1200	1200	600	100	0	0
	.90	5200	4700	4100	4100	4000	3400	2800	2700	2000	1500	1300	1200
	.50	4700	3400	3100	2600	2500	2400	2200	2000	1500	800	700	500
	.10	3800	2500	2200	1900	1300	1300	1200	1200	600	100	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q EXC.	EXC.											
6600 .90	.90	4500	4100	3400	3300	2800	2600	2400	1800	1300	1200	1100
	.50	4100	3400	2900	2500	2200	2000	1800	1200	800	600	400
	.10	3400	2500	2200	1900	1300	1300	1200	500	100	0	0
	.90	5200	4300	3900	3400	2800	2700	2600	1900	1400	1200	1100
	.50	4700	3400	2900	2600	2200	2000	1800	1300	800	600	500
	.10	3800	2500	2200	1900	1300	1300	1200	600	100	0	0
	.90	5200	4800	4100	4100	4000	3400	2800	2100	1600	1300	1200
	.50	4700	3400	3200	2900	2500	2400	2000	1500	900	700	600
	.10	3800	2500	2200	2000	1700	1300	1200	600	200	0	0
6700 .90	.90	4500	4100	3400	3400	2800	2700	2400	1900	1300	1200	1100
	.50	4100	3400	2900	2500	2200	2000	1800	1300	800	600	400
	.10	3400	2500	2200	1900	1300	1300	1200	600	100	0	0
	.90	5200	4400	4000	3400	3300	2800	2500	2000	1400	1200	1100
	.50	4700	3400	2900	2600	2400	2200	1800	1400	800	700	500
	.10	3800	2500	2200	1900	1500	1300	1200	600	100	0	0
	.90	5300	4800	4100	4100	4000	3400	2800	2100	1700	1300	1200
	.50	4800	3800	3200	2900	2500	2400	2000	1500	900	800	600
	.10	3900	3100	2200	2000	1700	1300	1300	600	200	0	0
6800 .90	.90	5200	4200	3600	3400	2800	2700	2400	1900	1300	1200	1100
	.50	4700	3400	2900	2600	2400	2000	1800	1300	800	600	500
	.10	3800	2500	2200	1900	1500	1300	1200	600	100	0	0
	.90	5200	4400	4100	4000	3400	2800	2600	2000	1500	1200	1200
	.50	4700	3400	3100	2800	2500	2200	2000	1500	900	700	500
	.10	3800	2500	2200	2000	1700	1300	1300	600	200	0	0
	.90	5300	4900	4200	4100	4000	3400	2800	2400	1800	1400	1200
	.50	4800	3800	3300	3100	2600	2400	2200	1500	1000	800	600
	.10	3900	3100	2200	2200	1900	1300	1300	700	200	0	0
6900 .90	.90	5200	4200	3600	3400	2800	2700	2400	1900	1400	1200	1100
	.50	4700	3400	2900	2600	2400	2200	1800	1400	800	700	500
	.10	3800	2500	2200	2000	1700	1300	1300	600	200	0	0
	.90	5300	4500	4100	4100	3900	2800	2700	2100	1600	1300	1200
	.50	4800	3800	3100	2900	2500	2400	2000	1500	900	700	600
	.10	3900	3100	2200	2000	1700	1300	1300	600	200	0	0
	.90	5400	4900	4900	4300	4000	3400	2800	2400	1800	1400	1200
	.50	4900	3800	3400	3300	2600	2400	2200	1600	1100	800	700
	.10	4000	3100	2500	2200	1900	1300	1300	800	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER  
 INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5200	4300	3900	3400	2900	2700	2500	2000	1400	1200	1100
	.50		4700	3800	3100	2700	2500	2000	2000	1500	800	700	500
	.10		3800	3100	2200	2000	1700	1300	1200	600	200	0	0
	.90	.50	5300	4500	4100	4100	4000	2800	2700	2100	1700	1300	1200
	.50		4800	3800	3100	2900	2500	2200	2000	1500	900	800	600
	.10		3900	3100	2200	2200	1900	1300	1300	700	200	0	0
	.90	.10	5400	4900	4900	4900	4100	3400	2800	2400	1900	1400	1200
	.50		5000	3800	3400	3300	3300	2400	2200	1800	1200	800	700
	.10		4300	3100	2500	2200	1900	1300	1300	800	300	100	0



TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	800	700	600	600	500	300	300	200	100	0	0	0
	.50	500	400	400	300	300	100	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
	.90	1000	800	700	700	500	500	300	300	100	0	0	0
	.50	600	600	400	400	300	100	0	0	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1300	1300	1000	900	800	600	500	500	200	100	0	0
	.50	700	700	700	600	400	300	100	100	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
1900	.90	1000	800	700	600	500	400	300	300	100	0	0	0
	.50	600	600	400	400	300	100	0	0	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1000	1000	800	700	600	500	400	300	200	0	0	0
	.50	600	600	600	500	300	100	0	0	0	0	0	0
	.10	300	300	300	200	0	0	0	0	0	0	0	0
	.90	1300	1300	1000	1000	800	700	600	500	200	100	0	0
	.50	700	700	700	700	500	300	200	100	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
2000	.90	1000	800	800	700	600	500	300	300	100	0	0	0
	.50	600	600	600	400	300	100	0	0	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1100	1000	900	900	700	500	500	400	200	0	0	0
	.50	700	700	700	600	400	300	100	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1500	1300	1100	1000	900	800	700	600	300	100	0	0
	.50	800	800	700	700	600	400	300	100	0	0	0	0
	.10	500	400	400	400	200	100	0	0	0	0	0	0
	.90	1000	1000	900	800	700	500	400	300	200	0	0	0
	.50	700	700	700	600	400	300	100	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1100	1100	1000	900	800	600	500	500	200	0	0	0
	.50	700	700	700	700	500	300	100	100	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
2100	.90	1500	1300	1100	1000	900	800	700	600	300	0	0	0
	.50	800	800	700	700	600	400	300	100	0	0	0	0
	.10	500	400	400	400	200	100	0	0	0	0	0	0
	.90	1000	1000	900	800	700	500	400	300	200	0	0	0
	.50	700	700	700	600	400	300	100	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1100	1100	1000	900	800	600	500	500	200	0	0	0
	.50	700	700	700	700	500	300	100	100	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
	.90	1500	1300	1100	1000	900	800	700	600	300	200	0	0
	.50	1000	800	700	700	600	400	300	200	0	0	0	0
	.10	600	400	400	400	300	100	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1100	1000	900	900	700	600	500	400	200	0	0	0
	.50	700	700	600	500	300	300	100	100	0	0	0	0
	.10	400	400	300	200	0	0	0	0	0	0	0	0
	.90	1200	1200	1000	800	700	700	600	500	200	100	0	0
	.50	800	800	700	600	400	400	300	100	0	0	0	0
	.10	500	400	400	200	100	100	0	0	0	0	0	0
	.90	2200	1300	1200	1100	900	800	700	700	300	200	0	0
	.50	1000	900	700	600	400	400	300	300	0	0	0	0
	.10	600	600	400	300	100	100	0	0	0	0	0	0
2300	.90	1200	1100	1000	800	600	600	500	500	200	0	0	0
	.50	800	700	700	600	300	300	200	100	0	0	0	0
	.10	500	400	400	200	0	0	0	0	0	0	0	0
	.90	1400	1200	1100	900	700	700	600	500	300	100	0	0
	.50	1000	800	700	600	400	400	300	200	0	0	0	0
	.10	600	400	400	300	100	100	0	0	0	0	0	0
	.90	2200	1400	1300	1100	1000	900	800	700	400	200	100	0
	.50	1100	1000	800	700	700	500	400	300	0	0	0	0
	.10	700	600	400	300	200	200	0	0	0	0	0	0
	.90	1300	1200	1000	800	700	700	600	500	200	0	0	0
	.50	900	800	700	600	400	400	300	100	0	0	0	0
	.10	600	400	400	300	100	100	0	0	0	0	0	0
	.90	1400	1300	1100	900	800	800	700	600	300	100	0	0
	.50	1000	900	700	600	400	400	300	300	0	0	0	0
	.10	600	600	400	300	100	100	0	0	0	0	0	0
	.90	2200	1400	1300	1200	1000	900	800	600	500	200	100	0
	.50	1200	1000	800	700	700	600	400	300	0	0	0	0
	.10	800	700	500	400	200	200	100	0	0	0	0	0
	.90	1400	1200	1100	1000	900	700	600	500	200	100	0	0
	.50	1000	800	700	600	400	400	300	200	0	0	0	0
	.10	600	500	400	300	100	100	0	0	0	0	0	0
	.90	1500	1400	1200	1100	900	800	700	700	300	200	0	0
	.50	1100	1000	800	700	500	500	400	300	0	0	0	0
	.10	700	600	400	300	200	200	100	0	0	0	0	0
	.90	2200	1400	1300	1200	1000	900	800	800	500	200	100	0
	.50	1200	1000	900	800	700	600	400	300	0	0	0	0
	.10	800	700	600	400	300	300	100	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1400	1300	1100	1000	900	800	700	600	300	100	0	0
	.50	1000	1000	800	700	600	500	300	300	0	0	0	0
	.10	700	600	400	400	300	200	0	0	0	0	0	0
	.90	1600	1400	1200	1100	1000	800	700	700	400	200	0	0
	.50	1200	1000	800	700	700	600	400	300	0	0	0	0
	.10	800	700	500	400	400	200	100	0	0	0	0	0
	.90	2200	1600	1300	1300	1100	1000	900	800	500	300	200	100
	.50	1300	1000	1000	800	700	600	500	400	100	0	0	0
	.10	900	700	600	400	400	300	200	100	0	0	0	0
2700	.90	1500	1400	1200	1100	900	800	700	600	300	100	0	0
	.50	1100	1000	800	700	700	600	400	300	0	0	0	0
	.10	700	700	500	400	300	200	100	0	0	0	0	0
	.90	1600	1400	1200	1200	1000	900	800	700	500	200	100	0
	.50	1200	1000	900	800	700	600	400	300	0	0	0	0
	.10	800	700	600	400	400	300	100	0	0	0	0	0
	.90	2200	1700	1400	1300	1100	1000	1000	900	600	300	200	100
	.50	1300	1000	1000	800	700	600	600	400	100	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
2800	.90	1600	1400	1200	1100	1000	800	700	700	300	200	0	0
	.50	1200	1000	900	800	700	600	400	300	0	0	0	0
	.10	800	700	600	400	400	300	100	0	0	0	0	0
	.90	1700	1400	1300	1200	1000	900	800	700	500	200	100	0
	.50	1300	1000	1000	800	700	600	600	400	100	0	0	0
	.10	900	700	600	400	400	300	200	100	0	0	0	0
	.90	2800	2000	1400	1300	1200	1100	1000	900	700	400	200	100
	.50	1400	1000	1000	900	700	700	600	500	100	0	0	0
	.10	900	700	600	600	400	300	200	200	0	0	0	0
2900	.90	1600	1400	1200	1200	1000	900	800	700	400	200	100	0
	.50	1200	1000	1000	800	700	600	500	400	0	0	0	0
	.10	800	700	600	400	400	300	200	0	0	0	0	0
	.90	1700	1400	1300	1200	1000	900	800	800	500	300	100	0
	.50	1300	1000	1000	800	700	600	600	400	100	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
	.90	2800	2000	1400	1400	1200	1100	1000	900	700	400	200	100
	.50	1400	1000	1000	900	700	700	600	500	100	0	0	0
	.10	900	700	600	600	400	300	200	200	0	0	0	0
	.90	1600	1400	1200	1200	1000	900	800	700	400	200	100	0
	.50	1200	1000	1000	800	700	600	500	400	0	0	0	0
	.10	800	700	600	400	400	300	200	0	0	0	0	0
	.90	1700	1400	1300	1200	1000	900	800	800	500	300	100	0
	.50	1300	1000	1000	800	700	600	600	400	100	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
	.90	2800	2000	1400	1400	1200	1100	1000	1000	700	500	300	200
	.50	1600	1000	1000	900	700	700	600	600	200	0	0	0
	.10	1300	700	600	600	400	300	300	200	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1400	1200	1200	1000	900	800	700	500	200	100	0
	.50	1300	1000	1000	800	700	600	600	400	0	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
	.90	1700	1400	1300	1200	1100	1000	900	800	500	300	200	100
	.50	1300	1000	1000	900	700	700	600	500	100	0	0	0
	.10	900	700	600	600	400	300	200	200	0	0	0	0
	.90	2800	2000	1500	1400	1300	1100	1100	1000	700	500	300	200
	.50	1700	1400	1000	1000	800	700	600	600	300	0	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
3100	.90	1700	1400	1300	1200	1000	900	800	800	500	200	100	0
	.50	1300	1000	1000	900	700	600	600	400	100	0	0	0
	.10	900	700	600	600	400	300	200	100	0	0	0	0
	.90	2200	1400	1300	1200	1100	1000	900	900	600	300	200	100
	.50	1600	1000	1000	900	700	700	600	600	100	0	0	0
	.10	1300	700	700	600	400	300	300	200	0	0	0	0
	.90	2800	2100	1600	1400	1300	1200	1100	1100	800	500	300	200
	.50	1800	1600	1200	1000	800	700	600	600	300	0	0	0
	.10	1400	1300	700	700	500	400	300	300	0	0	0	0
3200	.90	2000	1400	1300	1200	1100	1000	900	800	500	300	200	0
	.50	1600	1000	1000	900	700	700	600	500	100	0	0	0
	.10	1300	700	700	600	400	300	300	200	0	0	0	0
	.90	2200	1800	1400	1300	1200	1100	1000	900	700	400	200	100
	.50	1700	1300	1000	1000	800	700	600	600	300	0	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
	.90	2800	2100	2000	1500	1300	1200	1100	1100	800	600	400	200
	.50	1800	1600	1300	1000	900	700	700	600	300	0	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
3300	.90	2100	1500	1400	1300	1100	1000	900	800	600	300	200	100
	.50	1700	1300	1000	1000	800	700	600	600	100	0	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
	.90	2200	2000	1400	1400	1200	1100	1000	1000	700	500	300	200
	.50	1800	1600	1000	1000	800	700	600	600	300	0	0	0
	.10	1400	1300	700	700	500	400	300	300	0	0	0	0
	.90	2800	2100	2000	1500	1400	1200	1200	1100	900	600	500	300
	.50	1900	1600	1300	1000	900	800	700	600	400	100	0	0
	.10	1500	1300	1000	700	600	400	300	300	0	0	0	0

PAGE 51

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2100	2000	1400	1300	1200	1000	1000	900	600	300	200	100
	.50	1700	1600	1000	1000	800	700	600	600	300	0	0	0
	.10	1400	1300	700	700	400	400	300	200	0	0	0	0
	.90	2200	2000	1500	1400	1300	1100	1100	1000	700	500	300	200
	.50	1800	1600	1300	1000	900	700	700	600	300	0	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2800	2200	2000	1600	1400	1300	1200	1100	900	700	500	300
	.50	1900	1700	1300	1000	1000	800	700	700	400	100	0	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
3500	.90	2200	2000	1500	1400	1200	1100	1000	900	700	400	200	200
	.50	1800	1600	1300	1000	900	700	700	600	300	0	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2300	2100	1500	1400	1300	1200	1100	1100	800	500	300	200
	.50	1900	1600	1300	1000	900	700	700	600	300	100	0	0
	.10	1500	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2800	2500	2000	1600	1400	1300	1200	1200	1000	700	500	400
	.50	2100	1700	1400	1300	1000	800	700	700	500	200	0	0
	.10	1800	1400	1000	1000	600	400	400	300	100	0	0	0
3600	.90	2200	2000	1500	1400	1200	1100	1000	1000	700	500	300	200
	.50	1800	1600	1300	1000	900	700	700	600	300	0	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2300	2100	1600	1500	1400	1200	1100	1100	800	600	400	200
	.50	1900	1700	1300	1000	1000	800	700	700	400	100	0	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2700	2000	1900	1500	1400	1300	1200	1000	800	600	500
	.50	2100	1700	1500	1300	1000	900	800	700	600	300	0	0
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
3700	.90	2300	2100	1500	1400	1300	1200	1100	1000	800	500	300	200
	.50	1900	1700	1300	1000	1000	800	700	700	300	100	0	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2700	2000	1900	1500	1400	1300	1200	1000	800	600	500
	.50	2100	1700	1500	1300	1000	900	800	700	600	300	0	0
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2300	2100	1500	1400	1300	1200	1100	1000	800	500	300	200
	.50	1900	1700	1300	1000	1000	800	700	700	300	100	0	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2100	2000	1500	1400	1200	1200	1100	900	600	500	300
	.50	2100	1700	1300	1000	1000	800	700	700	500	100	0	0
	.10	1800	1400	1000	1000	600	400	400	300	100	0	0	0
	.90	2800	2800	2100	2000	1500	1400	1300	1200	1100	800	600	500
	.50	2100	2000	1600	1300	1000	900	800	700	600	300	100	0
	.10	1800	1600	1300	1000	700	600	400	400	100	0	0	0
	.90	2800	2800	2100	2000	1500	1400	1300	1200	1100	800	600	500
	.50	2100	2000	1600	1300	1000	900	800	700	600	300	100	0
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2500	2100	1500	1500	1300	1200	1100	1100	800	500	300	200
	.50	2100	1700	1300	1300	1000	800	700	700	400	100	0	0
	.10	1800	1400	1000	1000	600	400	400	300	100	0	0	0
	.90	2800	2500	2000	1600	1400	1300	1200	1200	1000	700	500	300
	.50	2100	1700	1500	1300	1000	900	800	700	600	200	0	0
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2900	2800	2100	2000	1600	1400	1300	1300	1100	800	700	500
	.50	2100	2100	1600	1400	1200	1000	800	800	600	300	100	0
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
3900	.90	2500	2100	1900	1500	1400	1200	1200	1100	900	600	400	300
	.50	2100	1700	1500	1300	1000	800	700	700	500	100	0	0
	.10	1800	1400	1100	1000	600	500	400	400	100	0	0	0
	.90	2800	2500	2000	1600	1500	1400	1300	1200	1000	700	500	400
	.50	2100	2000	1600	1300	1000	900	800	700	600	300	0	0
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0
	.90	3800	2800	2300	2100	1600	1400	1400	1300	1100	900	700	600
	.50	2400	2100	1700	1500	1200	1000	900	800	600	300	100	0
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
4000	.90	2500	2400	2000	1600	1400	1300	1200	1100	900	700	500	300
	.50	2100	2000	1600	1300	1000	900	800	700	600	200	0	0
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0
	.90	2800	2500	2000	1900	1500	1400	1300	1200	1000	800	600	500
	.50	2100	2100	1600	1300	1200	1000	800	800	600	300	100	0
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
	.90	3900	2800	2500	2100	1800	1500	1400	1300	1200	1000	700	600
	.50	2500	2100	1700	1600	1300	1000	900	800	600	400	200	0
	.10	1800	1800	1400	1300	800	600	600	500	300	0	0	0
	.90	2500	2500	2000	1600	1500	1300	1200	1200	1000	700	500	300
4100	.90	2100	2100	1600	1300	1000	900	800	700	600	300	0	0
	.50	1800	1800	1300	1000	700	600	400	400	200	0	0	0
	.10	1800	1800	1300	1000	700	600	400	400	200	0	0	0
	.90	2800	2500	2100	2000	1600	1400	1300	1300	1100	800	600	500
	.50	2100	2100	1700	1400	1200	1000	900	800	600	300	100	0
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	3900	2800	2700	2100	2000	1600	1400	1300	1100	800	600	500
	.50	2100	2100	1700	1400	1200	1000	900	800	600	300	100	0
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	2500	2100	1900	1700	1400	1200	1200	1400	1200	1000	800	700
	.50	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	2500	2100	1900	1700	1400	1200	1000	900	700	400	300	100
	.50	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2500	2500	2100	1900	1500	1400	1300	1200	1000	700	500	400
	.50	2100	2100	1700	1300	1200	1000	800	800	600	300	100	0
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
	.90	2800	2500	2100	2000	1600	1400	1400	1300	1100	800	700	500
	.50	2200	2100	1700	1600	1200	1000	900	800	600	300	100	0
	.10	1800	1800	1400	1300	800	600	600	500	300	0	0	0
	.90	3900	3100	2700	2200	2000	1600	1500	1400	1200	1000	800	700
	.50	2700	2100	1900	1700	1400	1200	1000	900	700	500	300	100
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
4300	.90	2800	2500	2100	2000	1600	1400	1300	1200	1000	800	600	500
	.50	2100	2100	1700	1600	1200	1000	900	800	600	300	100	0
	.10	1800	1800	1400	1300	800	600	600	400	300	0	0	0
	.90	2900	2500	2100	2100	1600	1500	1400	1300	1100	900	700	500
	.50	2500	2100	1900	1700	1300	1000	1000	900	700	400	200	0
	.10	2200	1800	1600	1400	1000	700	600	500	300	0	0	0
	.90	4000	3100	2700	2500	2100	1800	1500	1400	1300	1000	900	700
	.50	2700	2100	1900	1900	1500	1200	1000	1000	700	500	300	100
	.10	2400	1800	1600	1400	1100	800	600	600	300	100	0	0
4400	.90	2900	2500	2100	2100	1600	1400	1400	1300	1100	800	600	500
	.50	2500	2100	1900	1700	1300	1000	900	800	600	300	100	0
	.10	2200	1800	1600	1400	1000	700	600	500	300	0	0	0
	.90	3100	2600	2100	2100	1900	1500	1400	1400	1200	1000	700	600
	.50	2700	2100	1900	1700	1300	1000	1000	900	700	400	300	100
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	4100	3100	2800	2500	2100	1900	1600	1400	1300	1100	900	800
	.50	2800	2200	1900	1900	1600	1300	1000	1000	700	600	300	100
	.10	2500	1800	1600	1600	1200	800	600	600	300	200	0	0
4500	.90	3100	2500	2100	2100	1600	1500	1400	1300	1100	900	700	500
	.50	2700	2100	1900	1700	1300	1000	1000	900	700	400	100	0
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	2800	2200	1900	1900	1600	1300	1000	1000	700	600	300	100
	.50	2500	1800	1600	1600	1200	800	600	600	300	200	0	0
	.10	2200	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	3100	2800	2100	2100	2000	1500	1400	1400	1200	1000	800	600
	.50	2700	2100	1900	1700	1400	1200	1000	900	700	500	300	100
	.10	2400	1800	1600	1400	1000	800	600	600	300	100	0	0
	.90	4100	3100	2800	2700	2100	2000	1600	1500	1300	1100	1000	800
	.50	2800	2500	2000	1900	1600	1300	1200	1000	800	600	300	200
	.10	2500	1800	1600	1600	1300	900	700	600	400	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
4600	.90	.90	3100	2500	2100	2100	1900	1500	1400	1400	1100	900	700	500
	.50	.50	2700	2100	1900	1700	1400	1200	1000	900	700	400	300	100
	.10	.10	2400	1800	1600	1400	1000	800	600	600	300	0	0	0
	.90	.90	3200	2800	2500	2100	2000	1600	1400	1400	1200	1000	800	700
	.50	.50	2800	2100	1900	1900	1500	1200	1000	1000	700	500	300	100
	.10	.10	2500	1800	1600	1600	1200	800	600	600	300	100	0	0
	.90	.90	4200	3100	2800	2700	2100	2000	1800	1500	1300	1100	1000	800
	.50	.50	2900	2500	2100	1900	1700	1400	1200	1000	800	600	400	300
	.10	.10	2600	1800	1800	1600	1300	1000	700	600	400	200	0	0
4700	.90	.90	3200	2600	2100	2100	2000	1500	1400	1400	1100	1000	700	600
	.50	.50	2800	2100	1900	1900	1500	1200	1000	1000	700	500	300	100
	.10	.10	2500	1800	1600	1600	1200	800	600	600	300	100	0	0
	.90	.90	3200	2800	2500	2100	2100	1800	1500	1400	1200	1000	800	700
	.50	.50	2800	2100	1900	1900	1600	1300	1000	1000	700	600	300	100
	.10	.10	2500	1800	1600	1600	1300	900	700	600	400	200	0	0
	.90	.90	4200	3100	2900	2700	2100	2000	1900	1600	1400	1200	1000	900
	.50	.50	3300	2500	2100	1900	1700	1500	1300	1200	800	600	400	300
	.10	.10	2900	1800	1800	1600	1400	1000	800	700	400	200	0	0
4800	.90	.90	3200	2800	2200	2100	2000	1600	1400	1400	1200	1000	800	600
	.50	.50	2800	2100	1900	1900	1600	1200	1000	1000	700	500	300	100
	.10	.10	2500	1800	1600	1600	1300	900	700	600	300	200	0	0
	.90	.90	3800	2800	2500	2100	2100	1900	1600	1400	1300	1100	900	700
	.50	.50	2900	2200	2100	1900	1700	1300	1200	1000	800	600	300	100
	.10	.10	2600	1800	1800	1600	1300	1000	700	600	400	200	0	0
	.90	.90	4200	3400	2900	2800	2200	2100	2000	1800	1400	1200	1000	900
	.50	.50	3300	2800	2100	1900	1700	1500	1300	1200	800	600	500	300
	.10	.10	2900	1800	1800	1600	1400	1100	800	700	400	200	0	0
4900	.90	.90	3300	2800	2500	2100	2100	1600	1400	1400	1200	1000	800	700
	.50	.50	2900	2100	2100	1900	1700	1300	1000	1000	700	600	300	100
	.10	.10	2600	1800	1800	1600	1300	1000	700	600	400	200	0	0
	.90	.90	3900	2900	2600	2300	2100	2000	1600	1500	1300	1100	1000	800
	.50	.50	3300	2300	2100	1900	1700	1400	1200	1000	800	600	400	200
	.10	.10	2900	1800	1800	1600	1400	1000	800	600	400	200	0	0
	.90	.90	4300	3700	3100	2800	2500	2100	2000	1900	1400	1200	1100	1000
	.50	.50	3300	2900	2100	1900	1800	1600	1400	1300	900	600	500	300
	.10	.10	2900	2200	1800	1600	1400	1300	1000	700	500	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3300	2800	2500	2100	2100	1900	1500	1400	1200	1000	800	700
	.50	2900	2200	2100	1900	1700	1300	1200	1000	800	600	300	100
	.10	2600	1800	1800	1600	1400	1000	800	600	400	200	0	0
	.90	3900	3100	2700	2500	2100	2000	1800	1500	1300	1100	1000	800
	.50	3300	2500	2100	1900	1700	1500	1300	1000	800	600	400	300
	.10	2900	1800	1800	1600	1400	1100	800	700	400	200	0	0
	.90	4300	3700	3100	2900	2600	2100	2100	2000	1400	1300	1100	1000
	.50	3300	2900	2300	2100	1900	1700	1500	1300	900	600	600	300
	.10	2900	2300	1800	1600	1400	1300	1000	800	500	200	0	0
5100	.90	3700	2800	2500	2100	2100	2000	1600	1500	1200	1100	900	700
	.50	3300	2200	2100	1900	1700	1500	1200	1000	800	600	300	200
	.10	2900	1800	1800	1600	1400	1100	800	700	400	200	0	0
	.90	3900	3100	2800	2500	2100	2000	1900	1600	1300	1100	1000	800
	.50	3300	2500	2100	1900	1700	1600	1300	1200	800	600	500	300
	.10	2900	2200	1800	1600	1400	1200	1000	700	500	200	0	0
	.90	4400	4400	3700	3100	2700	2100	2100	2000	1500	1300	1100	1000
	.50	3300	3000	2300	2200	1900	1700	1600	1400	900	700	600	400
	.10	2900	2300	1800	1800	1600	1300	1100	1000	600	300	100	0
5200	.90	3700	2800	2500	2500	2100	2000	1800	1500	1300	1100	1000	800
	.50	3300	2500	2100	1900	1700	1500	1300	1000	800	600	400	300
	.10	2900	2200	1800	1600	1400	1100	900	700	400	200	0	0
	.90	4000	3100	2800	2700	2100	2100	2000	1800	1400	1200	1000	900
	.50	3300	2600	2100	1900	1800	1600	1400	1200	900	600	500	300
	.10	2900	2300	1800	1600	1400	1300	1000	800	500	200	0	0
	.90	4400	4400	3700	3400	2800	2500	2100	2100	1600	1300	1100	1000
	.50	3400	3000	2400	2300	1900	1700	1700	1500	1000	700	600	400
	.10	3000	2300	1800	1800	1600	1300	1200	1000	600	300	200	0
5300	.90	3700	2900	2700	2500	2100	2000	1900	1600	1300	1100	1000	800
	.50	3300	2600	2100	1900	1700	1600	1300	1200	800	600	400	300
	.10	2900	2300	1800	1600	1400	1300	1000	800	500	200	0	0
	.90	4100	3100	2800	2700	2100	2100	2000	1900	1400	1200	1100	1000
	.50	3300	2700	2100	2100	1900	1700	1500	1300	900	600	500	300
	.10	2900	2300	1800	1800	1600	1300	1100	900	600	200	100	0
	.90	4500	4500	3700	3700	2800	2500	2100	2100	1600	1300	1200	1100
	.50	3500	3100	2500	2300	2100	1800	1700	1600	1000	800	600	500
	.10	3100	2400	2000	1800	1600	1400	1300	1000	600	300	200	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINOOK:  
 SPawning MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	2900	2700	2500	2100	2100	2000	1800	1300	1100	1000	800
	.50	3300	2600	2100	2100	1900	1600	1400	1300	900	600	500	300
	.10	2900	2300	1800	1800	1600	1300	1000	800	500	200	0	0
	.90	4100	3400	2900	2800	2500	2100	2000	2000	1400	1200	1100	1000
	.50	3400	2700	2300	2100	1900	1700	1600	1300	900	700	600	400
	.10	3000	2300	1800	1800	1600	1300	1100	1000	600	300	100	0
	.90	4500	4500	3700	3700	2900	2600	2100	2100	1600	1300	1200	1100
	.50	3500	3100	2600	2400	2100	1900	1700	1600	1000	800	600	500
	.10	3100	2700	2200	2000	1600	1400	1300	1100	600	300	200	0
5500	.90	3900	2900	2800	2500	2100	2100	2000	1900	1300	1200	1000	900
	.50	3300	2600	2100	2100	1900	1700	1500	1300	900	600	500	300
	.10	2900	2300	1800	1800	1600	1300	1100	1000	600	300	100	0
	.90	4200	3400	2900	2800	2500	2100	2100	2000	1500	1300	1100	1000
	.50	3500	2800	2500	2100	1900	1700	1600	1500	900	700	600	400
	.10	3100	2400	2000	1800	1600	1400	1300	1000	600	300	200	0
	.90	4600	4600	3700	3700	2900	2700	2500	2100	1600	1300	1200	1100
	.50	3500	3200	2600	2400	2300	1900	1700	1700	1000	800	600	500
	.10	3100	2700	2300	2000	1800	1500	1300	1300	600	300	200	0
5600	.90	3900	3100	2800	2700	2100	2100	2000	2000	1400	1200	1100	1000
	.50	3400	2700	2400	2100	1900	1700	1600	1400	900	700	600	400
	.10	3000	2400	2000	1800	1600	1400	1300	1000	600	300	100	0
	.90	4200	3700	2900	2800	2600	2100	2100	2000	1500	1300	1100	1000
	.50	3500	3000	2600	2400	1900	1700	1700	1600	1000	700	600	500
	.10	3100	2700	2200	2000	1600	1400	1300	1100	600	300	200	0
	.90	4600	4600	3700	3700	2900	2800	2500	2100	1800	1400	1300	1100
	.50	3600	3200	2600	2500	2300	1900	1800	1700	1200	800	600	600
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	0
5700	.90	3900	3400	2800	2800	2500	2100	2100	2000	1400	1200	1100	1000
	.50	3500	2700	2500	2100	1900	1700	1600	1500	900	700	600	400
	.10	3100	2400	2200	1800	1600	1400	1300	1100	600	300	200	0
	.90	4200	3900	3100	2800	2700	2200	2100	2100	1500	1300	1200	1100
	.50	3500	3000	2600	2400	2100	1900	1700	1600	1000	800	600	500
	.10	3100	2400	2200	1800	1600	1400	1300	1100	600	300	200	0
	.90	4200	3900	3100	2800	2700	2200	2100	2100	1500	1300	1200	1100
	.50	3500	3000	2600	2400	2100	1900	1700	1600	1000	800	600	500
	.10	3100	2700	2300	2000	1800	1400	1300	1300	600	300	200	0
	.90	4600	4600	3700	3700	2900	2800	2600	2200	1900	1400	1300	1200
	.50	3600	3300	2700	2600	2300	2100	1900	1700	1300	800	700	600
	.10	3200	2900	2700	2300	2300	2100	1400	1400	600	400	200	100

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4000	3400	2900	2800	2500	2100	2100	2000	1400	1300	1100	1000
	.50	3500	3000	2600	2400	1900	1800	1700	1600	1000	800	600	500
	.10	3100	2700	2300	2000	1600	1400	1300	1300	600	300	200	0
	.90	4300	4000	3100	2900	2800	2500	2100	2100	1500	1300	1200	1100
	.50	3600	3000	2600	2400	2100	1900	1700	1700	1000	800	600	500
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4700	4700	4300	3700	3100	2900	2800	2500	2000	1400	1300	1200
	.50	3700	3300	2900	2600	2400	2100	1900	1700	1300	900	700	600
	.10	3400	2900	2300	2200	1800	1600	1400	1300	700	500	200	100
	.90	4100	3700	2900	2800	2600	2100	2100	2100	1400	1300	1100	1000
5900	.50	3500	3000	2600	2400	2100	1900	1700	1600	1000	800	600	500
	.10	3100	2700	2300	2000	1800	1600	1400	1300	600	300	200	0
	.90	4300	4000	3400	2900	2800	2500	2100	2100	1600	1300	1200	1100
	.50	3600	3300	2600	2500	2100	1900	1700	1700	1000	800	600	500
	.10	3200	2900	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4700	4700	4400	4300	3700	2900	2800	2700	2000	1400	1300	1200
	.50	3700	3600	3000	2900	2400	2100	1900	1900	1400	900	800	600
	.10	3400	3200	2300	2300	2000	1600	1600	1400	700	500	300	200
	.90	4100	4000	2900	2800	2700	2300	2100	2100	1500	1300	1200	1100
	.50	3600	3000	2600	2500	2100	1900	1700	1700	1000	800	600	500
6000	.10	3200	2900	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4700	4700	4400	4300	3700	2900	2800	2700	2000	1400	1300	1200
	.50	3700	3600	3000	2900	2400	2100	1900	1900	1400	900	800	600
	.10	3400	3200	2300	2300	2000	1600	1600	1400	700	500	300	200
	.90	4100	4000	2900	2800	2700	2300	2100	2100	1500	1300	1200	1100
	.50	3600	3000	2600	2500	2100	1900	1700	1700	1000	800	600	500
	.10	3200	2900	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4700	4700	4400	4400	3700	2900	2800	2700	2000	1400	1300	1200
	.50	3700	3600	3100	3000	2700	2300	2100	2100	1500	900	800	600
	.10	3400	2900	2300	2300	2000	1600	1600	1400	700	400	200	100
6100	.90	4800	4800	4400	4400	3700	2900	2900	2800	2000	1500	1300	1300
	.50	3800	3600	3100	3000	2700	2300	2100	1900	1500	900	800	600
	.10	3500	3200	2300	2300	2000	1800	1600	1400	1000	500	300	200
	.90	4200	4000	3100	2800	2800	2500	2100	2100	1500	1300	1200	1100
	.50	3700	3300	2600	2500	2100	1900	1700	1700	1000	800	600	500
	.10	3400	2900	2300	2200	1800	1600	1400	1300	600	400	200	100
	.90	4400	4400	4400	3700	2900	2700	2500	2100	1800	1400	1300	1100
	.50	3700	3600	2700	2600	2400	2100	1900	1700	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1600	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2800	2800	2100	1500	1400	1300
6200	.50	3800	3600	3100	3000	2700	2300	2100	1900	1500	900	800	600
	.10	3500	3200	2300	2300	2000	1800	1600	1400	1000	500	300	200
	.90	4200	4000	3100	2800	2800	2500	2100	2100	1500	1300	1200	1100
	.50	3700	3300	2600	2500	2100	1900	1700	1700	1000	800	600	500
	.10	3400	2900	2300	2200	1800	1600	1400	1300	600	400	200	100
	.90	4400	4400	4400	3700	2900	2700	2500	2100	1800	1400	1300	1100
	.50	3700	3600	2700	2600	2400	2100	1900	1700	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1600	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2100	1500	1400	1300
	.50	3800	3600	3100	3000	2700	2300	2100	1900	1500	900	800	600

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4200	4000	3100	2900	2800	2500	2100	2100	1600	1300	1200	1100
	.50	3700	3400	2600	2600	2200	1900	1800	1700	1200	800	600	600
	.10	3400	3000	2300	2300	1800	1600	1400	1300	700	500	200	100
	.90	4500	4500	3700	3700	2900	2800	2500	2200	1900	1400	1300	1200
	.50	3800	3600	2700	2600	2400	2100	1900	1800	1300	900	700	600
	.10	3500	3200	2300	2300	2000	1800	1600	1400	800	500	300	200
	.90	4900	4900	4400	4400	4300	3400	2900	2800	2100	1600	1400	1300
	.50	4200	3600	3300	3000	2900	2400	2300	2100	1600	1000	800	700
	.10	3900	3200	2400	2300	2000	1800	1600	1500	1000	600	400	200
6300	.90	4200	4000	3100	2900	2800	2600	2200	2100	1800	1400	1200	1100
	.50	3800	3600	2700	2600	2400	2000	1900	1700	1200	900	700	600
	.10	3500	3200	2300	2300	2000	1600	1600	1400	700	500	200	100
	.90	4500	4500	3700	3700	2900	2800	2600	2500	2000	1400	1300	1200
	.50	3800	3600	3000	2600	2400	2100	1900	1800	1400	900	800	600
	.10	3500	3200	2400	2300	2000	1800	1600	1400	900	500	300	200
	.90	4900	4900	4400	4400	4300	3700	2900	2800	2100	1600	1400	1300
	.50	4200	3600	3500	3000	2900	2400	2300	2100	1600	1000	800	700
	.10	3900	3200	2700	2300	2000	1800	1800	1600	1100	600	400	200
6400	.90	4300	4200	3400	2900	2800	2600	2500	2100	1800	1400	1300	1100
	.50	3800	3600	2700	2600	2400	2100	1900	1700	1300	900	700	600
	.10	3500	3200	2400	2300	2000	1800	1600	1400	900	500	300	200
	.90	4600	4600	3700	3700	2900	2800	2700	2500	2000	1400	1300	1200
	.50	4200	3600	3000	2600	2400	2200	2100	1900	1400	900	800	600
	.10	3900	3200	2400	2300	2000	1800	1600	1400	1000	600	300	200
	.90	5300	5000	4400	4400	4300	3700	2900	2800	2100	1600	1400	1300
	.50	4900	3600	3600	3100	2900	2500	2400	2100	1700	1000	800	800
	.10	4500	3200	2700	2300	2000	1800	1800	1600	1100	600	400	200
6500	.90	4600	4200	3700	3100	2800	2700	2500	2100	1900	1400	1300	1200
	.50	4200	3600	2900	2600	2400	2100	1900	1800	1300	900	800	600
	.10	3900	3200	2400	2300	2000	1800	1600	1400	1000	500	300	200
	.90	4900	4600	4400	3700	3100	2800	2400	2100	1700	1000	800	800
	.50	4600	4600	3700	3700	3100	2800	2800	2600	2000	1500	1300	1200
	.10	4200	3600	3000	2600	2400	2300	2100	1900	1500	900	800	600
	.90	5300	5000	4400	4400	4300	3700	2900	2800	2100	1600	1400	1300
	.50	4900	3600	3600	3100	2900	2600	2400	2300	1700	1000	800	800
	.10	4500	3200	2700	2300	2000	1800	1600	1600	1000	600	400	200
	.90	4900	4900	4400	4400	4300	3700	2900	2800	2100	1600	1400	1300
	.50	4500	3600	3600	3100	2900	2600	2400	2300	1700	1000	800	600
	.10	4100	3200	2700	2300	2000	1800	1600	1600	1000	600	400	200
	.90	5300	5000	4400	4400	4300	3700	2900	2800	2100	1600	1400	1300
	.50	4900	3600	3600	3100	2900	2600	2400	2300	1700	1000	800	600
	.10	4500	3200	2700	2300	2000	1800	1600	1600	1000	600	400	200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4600	4400	3700	3400	2900	2800	2600	2500	2000	1400	1300	1200
	.50	4200	3600	3000	2600	2400	2100	2100	1900	1400	900	800	600
	.10	3900	3200	2700	2300	2000	1800	1600	1600	1000	600	300	200
	.90	5300	4600	4000	3700	3100	2800	2800	2600	2000	1500	1400	1300
	.50	4900	3600	3200	2700	2400	2300	2100	1900	1500	900	800	700
	.10	4500	3200	2700	2300	2000	1800	1800	1600	1000	600	400	200
	.90	5300	5100	4400	4300	4300	3700	2900	2800	2100	1900	1400	1300
	.50	4900	3700	3600	3100	2900	2600	2400	2300	1700	1200	900	800
	.10	4500	3200	2900	2400	2200	2000	1800	1800	1300	600	500	300
6700	.90	4600	4400	3700	3700	2900	2800	2700	2500	2000	1400	1300	1200
	.50	4200	3600	3000	2600	2400	2300	2100	1900	1500	900	800	600
	.10	3900	3200	2700	2300	2000	1800	1800	1600	1000	600	400	200
	.90	5300	4700	4300	3700	3400	2900	2800	2800	2100	1600	1400	1300
	.50	4900	3600	3300	2900	2600	2400	2100	2100	1600	1000	800	700
	.10	4500	3200	2700	2400	2000	2000	1800	1600	1100	600	400	200
	.90	5400	5100	4400	4300	4300	3700	2900	2800	2100	1900	1500	1300
	.50	5000	3900	3600	3100	2900	2600	2400	2300	1700	1200	900	800
	.10	4600	3600	2900	2400	2200	2000	1800	1800	1300	600	500	300
6800	.90	5300	4500	3700	3700	2900	2800	2700	2500	2000	1500	1300	1200
	.50	4900	3600	3100	2700	2500	2300	2100	1900	1500	900	800	700
	.10	4500	3200	2700	2300	2000	1800	1800	1600	1100	600	400	200
	.90	5300	4700	4400	4300	3700	2900	2900	2800	2100	1900	1500	1300
	.50	4900	3600	3300	3000	2600	2400	2300	2300	1700	1200	900	800
	.10	4500	3200	2900	2400	2200	2000	1800	1800	1300	600	500	300
	.90	5400	4700	4400	4300	3700	2900	2900	2800	2100	1900	1500	1200
	.50	4900	3600	3300	3000	2600	2400	2300	2300	1700	1200	900	800
	.10	4500	3200	2900	2400	2200	2000	1800	1800	1300	600	500	300
	.90	5400	4700	4400	4300	3700	2900	2900	2800	2100	1900	1500	1300
	.50	4900	3600	3300	3100	2500	2400	2300	2300	1700	1200	900	800
	.10	4500	3200	2900	2400	2200	2000	1800	1800	1300	600	500	300
6900	.90	5300	4500	3700	3700	3100	2800	2800	2600	2100	1500	1300	1200
	.50	4900	3600	3100	2700	2500	2400	2100	2100	1600	1000	800	700
	.10	4500	3200	2700	2400	2200	2000	1800	1600	1100	600	400	200
	.90	5400	4800	4400	4400	4000	3100	2900	2800	2100	1800	1400	1300
	.50	5000	3900	3400	3000	2900	2500	2400	2200	1700	1200	900	800
	.10	4600	3600	2900	2400	2200	2000	1800	1800	1300	600	500	300
	.90	5500	5200	5200	4500	4300	3700	3400	2900	2500	2000	1600	1400
	.50	5100	3900	3600	3800	3100	2900	2400	2400	1800	1300	900	800
	.10	4700	3600	3200	2700	2400	2300	2000	1800	1300	700	500	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	5300	4600	4000	3700	3100	2800	2800	2700	2100	1500	1400	1300
	.50	4900	3900	3300	3000	2600	2400	2100	2100	1600	1000	800	800
	.10	4500	3600	2900	2400	2200	2000	1800	1800	1300	600	500	200
	.90	5400	4800	4400	4400	4300	3700	2900	2800	2100	1900	1400	1300
	.50	5000	3900	3400	3100	3000	2600	2400	2300	1700	1200	900	800
	.10	4600	3600	2900	2700	2300	2000	1800	1800	1300	600	500	300
	.90	5500	5200	5200	5200	4300	4300	3700	3100	2600	2000	1600	1400
	.50	5100	3900	3800	3800	3600	2900	2600	2400	1900	1400	1000	800
	.10	4800	3600	3200	2700	2300	2100	2000	2000	1400	900	600	400



TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOK: INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	800	700	600	600	500	300	300	200	100	0	0	0
	.50	500	400	400	400	300	100	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
	.90	1000	800	700	700	500	500	300	300	100	0	0	0
	.50	700	600	400	400	300	100	0	0	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1300	1300	1000	900	800	600	500	500	200	0	0	0
	.50	800	700	700	600	400	300	200	100	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
1900	.90	1000	800	700	600	500	400	300	200	100	0	0	0
	.50	700	600	400	400	300	100	0	0	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1000	1000	800	700	600	500	400	300	100	0	0	0
	.50	700	700	600	500	400	200	100	0	0	0	0	0
	.10	300	300	300	200	0	0	0	0	0	0	0	0
	.90	1300	1300	1000	1000	800	700	500	500	200	100	0	0
	.50	800	800	700	700	500	400	200	100	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
2000	.90	1000	800	800	700	600	500	300	300	100	0	0	0
	.50	700	600	600	400	300	200	100	0	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1100	1000	900	900	700	500	500	300	100	0	0	0
	.50	800	700	700	600	400	300	200	100	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1500	1300	1100	1000	900	800	700	500	300	100	0	0
	.50	900	900	700	700	600	400	300	200	0	0	0	0
	.10	500	400	400	400	200	100	0	0	0	0	0	0
2100	.90	1000	1000	900	800	700	500	400	300	100	0	0	0
	.50	700	700	700	600	400	300	100	0	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1100	1100	1000	900	800	600	500	400	200	0	0	0
	.50	800	800	700	700	500	400	200	100	0	0	0	0
	.10	400	400	400	300	100	0	0	0	0	0	0	0
	.90	1500	1300	1100	1000	900	800	700	500	300	100	0	0
	.50	900	900	700	700	600	400	300	200	0	0	0	0
	.10	500	400	400	400	200	100	0	0	0	0	0	0
	.90	1100	1100	1000	900	800	600	500	400	200	0	0	0
	.50	800	800	700	700	500	400	200	100	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
	.90	1500	1300	1100	1000	900	800	700	600	300	100	0	0
	.50	1100	900	800	700	700	400	400	200	0	0	0	0
	.10	600	400	400	400	300	100	0	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2200	.90	1100	1000	900	900	700	500	500	300	100	0	0	0
	.50	800	700	700	700	500	300	200	100	0	0	0	0
	.10	400	400	400	300	200	0	0	0	0	0	0	0
	.90	1200	1200	1000	1000	800	700	500	500	200	100	0	0
	.50	900	900	700	700	600	400	300	200	0	0	0	0
	.10	500	400	400	400	200	100	0	0	0	0	0	0
	.90	2200	1300	1200	1100	900	800	700	700	300	100	0	0
	.50	1100	1000	800	700	700	500	400	300	0	0	0	0
	.10	600	600	400	400	300	100	0	0	0	0	0	0
2300	.90	1100	1100	1000	900	800	600	500	400	200	0	0	0
	.50	900	800	700	700	600	400	200	100	0	0	0	0
	.10	500	400	400	400	200	0	0	0	0	0	0	0
	.90	1400	1200	1100	1000	900	700	600	500	200	100	0	0
	.50	1100	900	800	700	700	400	400	200	0	0	0	0
	.10	600	400	400	400	300	100	0	0	0	0	0	0
	.90	2200	1400	1200	1100	1000	900	800	700	400	100	100	0
	.50	1200	1100	900	800	700	500	400	300	0	0	0	0
	.10	700	600	400	400	300	200	0	0	0	0	0	0
	.90	1200	1200	1000	1000	800	700	500	500	200	0	0	0
	.50	1000	900	700	700	600	400	300	200	0	0	0	0
	.10	600	400	400	400	300	100	0	0	0	0	0	0
	.90	1400	1200	1100	1000	900	800	700	600	300	100	0	0
	.50	1100	1000	800	700	700	500	400	300	0	0	0	0
	.10	600	600	400	400	300	100	0	0	0	0	0	0
	.90	2200	1400	1300	1200	1000	900	800	700	400	200	100	0
	.50	1300	1100	900	800	700	600	400	400	0	0	0	0
	.10	800	700	500	400	400	200	100	0	0	0	0	0
	.90	1400	1200	1100	1000	900	700	600	500	200	100	0	0
	.50	1100	900	800	700	700	400	400	200	0	0	0	0
	.10	600	500	400	400	300	100	0	0	0	0	0	0
2500	.90	2200	1400	1300	1200	1000	900	800	700	400	200	100	0
	.50	1300	1100	900	800	700	600	400	400	0	0	0	0
	.10	800	700	500	400	400	200	100	0	0	0	0	0
	.90	1400	1200	1100	1000	900	700	600	500	200	100	0	0
	.50	1100	900	800	700	700	400	400	200	0	0	0	0
	.10	600	500	400	400	300	100	0	0	0	0	0	0
	.90	1500	1400	1200	1100	900	800	700	600	300	100	0	0
	.50	1200	1100	900	800	700	500	400	300	0	0	0	0
	.10	700	600	400	400	300	200	0	0	0	0	0	0
	.90	2200	1400	1300	1200	1000	900	800	700	500	200	100	0
	.50	1300	1100	1000	900	700	600	500	400	100	0	0	0
	.10	800	700	600	400	400	300	200	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINDOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1400	1200	1100	1000	900	800	700	500	300	100	0	0
	.50	1100	1000	800	700	700	500	400	300	0	0	0	0
	.10	700	600	400	400	300	200	0	0	0	0	0	0
	.90	1600	1400	1200	1100	1000	800	700	700	300	100	0	0
	.50	1300	1100	900	800	700	600	400	400	0	0	0	0
	.10	800	700	500	400	400	200	100	0	0	0	0	0
	.90	2200	1600	1300	1200	1100	900	900	800	500	300	100	0
	.50	1400	1100	1000	900	700	700	600	400	100	0	0	0
	.10	900	700	600	400	400	300	200	100	0	0	0	0
2700	.90	1500	1400	1200	1100	900	800	700	600	300	100	0	0
	.50	1200	1100	900	800	700	600	400	400	0	0	0	0
	.10	700	700	500	400	300	200	100	0	0	0	0	0
	.90	1600	1400	1200	1200	1000	900	800	700	400	200	100	0
	.50	1300	1100	1000	900	700	600	500	400	0	0	0	0
	.10	800	700	600	400	400	300	100	0	0	0	0	0
2800	.90	2200	1700	1300	1300	1100	1000	900	900	600	300	100	100
	.50	1400	1100	1000	900	700	700	600	500	200	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
	.90	1600	1400	1200	1100	1000	800	700	700	300	100	0	0
	.50	1300	1100	1000	800	700	600	400	400	0	0	0	0
	.10	800	700	600	400	400	300	100	0	0	0	0	0
	.90	2800	2000	1400	1300	1200	1000	1000	900	600	300	200	100
	.50	1700	1100	1000	1000	800	700	600	500	200	0	0	0
	.10	900	700	600	600	400	300	200	200	0	0	0	0
	.90	1600	1400	1200	1200	1000	900	800	700	400	100	0	0
	.50	1300	1100	1000	900	700	600	500	400	100	0	0	0
	.10	800	700	600	400	400	300	200	100	0	0	0	0
2900	.90	1700	1400	1300	1200	1000	900	800	800	500	200	100	0
	.50	1400	1100	1000	900	700	700	600	500	200	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1600	1400	1200	1200	1000	900	800	700	400	100	0	0
	.50	1300	1100	1000	900	700	600	500	400	100	0	0	0
	.10	800	700	600	400	400	300	200	200	0	0	0	0
	.90	1700	1400	1300	1200	1000	900	800	800	500	200	100	0
	.50	1400	1100	1000	900	700	700	600	400	100	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
	.90	2800	2000	1400	1300	1200	1000	1000	1000	700	400	200	100
	.50	1700	1100	1000	1000	800	700	700	600	300	0	0	0
	.10	1300	700	700	600	400	300	300	200	0	0	0	0

PAGE 65

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1400	1200	1200	1000	900	800	700	400	200	100	0
	.50	1400	1100	1000	900	700	700	600	400	100	0	0	0
	.10	900	700	600	500	400	300	200	100	0	0	0	0
	.90	1700	1400	1300	1200	1100	900	900	800	500	300	100	0
	.50	1400	1100	1000	900	800	700	600	500	200	0	0	0
	.10	900	700	600	600	400	300	200	200	0	0	0	0
	.90	2800	2000	1500	1400	1200	1100	1000	1000	700	400	300	100
	.50	1800	1700	1100	1000	900	700	700	600	300	0	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
3100	.90	1700	1400	1200	1200	1000	900	800	700	500	200	100	0
	.50	1400	1100	1000	900	700	700	600	500	100	0	0	0
	.10	900	700	600	600	400	300	200	100	0	0	0	0
	.90	2200	1400	1300	1200	1100	1000	900	800	600	300	100	100
	.50	1700	1100	1000	1000	800	700	700	600	200	0	0	0
	.10	1300	700	700	600	400	300	300	200	0	0	0	0
	.90	2800	2000	1600	1400	1300	1100	1100	1000	800	500	300	200
	.50	1900	1700	1200	1100	900	800	700	700	400	100	0	0
	.10	1400	1300	700	700	500	400	300	300	0	0	0	0
3200	.90	1900	1400	1300	1200	1100	900	900	800	500	200	100	0
	.50	1700	1100	1000	1000	800	700	600	500	200	0	0	0
	.10	1300	700	700	600	400	300	300	200	0	0	0	0
	.90	2200	1800	1400	1300	1200	1000	1000	900	600	400	200	100
	.50	1800	1300	1100	1000	900	700	700	600	300	0	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
	.90	2800	2000	1900	1500	1300	1200	1100	1100	800	500	400	200
	.50	1900	1700	1300	1100	1000	800	700	700	400	100	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
3300	.90	2000	1500	1400	1200	1100	1000	900	800	500	300	100	100
	.50	1800	1300	1100	1000	900	700	700	600	200	0	0	0
	.10	1400	1000	700	600	400	400	300	200	0	0	0	0
	.90	2200	1400	1400	1400	1200	1100	1000	900	700	400	200	100
	.50	1900	1700	1100	1000	900	700	700	700	300	0	0	0
	.10	1400	1300	700	700	500	400	300	300	0	0	0	0
	.90	2800	2100	1900	1500	1300	1200	1100	1100	900	600	400	200
	.50	2000	1700	1300	1100	1000	900	700	700	400	200	0	0
	.10	1500	1300	1000	700	600	400	300	300	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2000	1900	1400	1300	1200	1000	900	900	600	300	200	100
	.50	1800	1700	1100	1000	900	700	700	600	300	0	0	0
	.10	1400	1300	700	700	400	400	300	200	0	0	0	0
	.90	2200	1900	1500	1400	1200	1100	1000	1000	700	500	300	100
	.50	1900	1700	1300	1100	900	800	700	700	400	100	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2800	2200	2000	1600	1300	1200	1200	1100	900	700	400	300
	.50	2000	1800	1300	1100	1000	900	800	700	500	200	0	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
3500	.90	2200	1900	1500	1400	1200	1100	1000	900	700	400	200	100
	.50	1900	1700	1300	1100	900	800	700	700	300	0	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2300	2000	1500	1400	1300	1200	1100	1000	800	500	300	200
	.50	2000	1700	1300	1100	1000	800	700	700	400	100	0	0
	.10	1500	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2800	2400	2000	1600	1400	1300	1200	1200	1000	700	500	300
	.50	2200	1800	1600	1300	1000	900	800	700	500	300	100	0
	.10	1800	1400	1000	1000	600	400	400	300	100	0	0	0
3600	.90	2200	1900	1500	1400	1200	1100	1000	1000	700	400	200	100
	.50	1900	1700	1300	1100	1000	800	700	700	400	100	0	0
	.10	1400	1300	1000	700	600	400	300	300	0	0	0	0
	.90	2300	2000	1600	1500	1300	1200	1100	1000	800	500	400	200
	.50	2000	1800	1300	1100	1000	900	800	700	400	200	0	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2700	2000	1900	1500	1300	1200	1200	1000	700	500	400
	.50	2200	1800	1700	1300	1100	1000	900	800	600	300	100	0
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
3700	.90	2300	2000	1500	1400	1200	1100	1100	1000	700	500	300	100
	.50	2000	1800	1300	1100	1000	900	800	700	400	100	0	0
	.10	1500	1400	1000	700	600	400	400	300	0	0	0	0
	.90	2800	2700	2000	1900	1500	1300	1200	1200	1000	700	500	400
	.50	2200	1800	1300	1300	1000	900	800	700	500	200	0	0
	.10	1800	1400	1000	1000	600	400	400	300	100	0	0	0
	.90	2800	2800	2000	1900	1500	1300	1300	1200	900	600	400	200
	.50	2200	2100	1700	1300	1100	1000	900	800	500	200	0	0
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2400	2000	1500	1500	1300	1200	1100	1000	800	500	300	200
	.50	2200	1800	1300	1300	1000	900	800	700	400	200	0	0
	.10	1800	1400	1000	1000	600	400	400	300	100	0	0	0
	.90	2800	2400	1900	1600	1400	1200	1200	1100	900	700	500	300
	.50	2200	1800	1600	1300	1100	900	900	800	600	300	0	0
	.10	1800	1400	1100	1000	700	600	400	400	200	0	0	0
	.90	2900	2800	2100	2000	1600	1400	1300	1300	1000	800	600	500
	.50	2200	2200	1700	1600	1300	1000	900	900	700	400	200	0
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
3900	.90	2400	2100	1900	1500	1400	1200	1100	1100	800	500	400	200
	.50	2200	1800	1600	1300	1100	900	800	700	500	200	0	0
	.10	1800	1400	1100	1000	600	500	400	400	100	0	0	0
	.90	2800	2400	2000	1600	1500	1300	1200	1200	1000	700	500	300
	.50	2200	2100	1700	1300	1100	1000	900	800	600	300	100	0
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0
	.90	3800	2800	2300	2000	1600	1400	1300	1300	1100	900	700	500
	.50	2700	2200	1800	1700	1300	1100	1000	900	700	400	200	100
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
4000	.90	2400	2400	1900	1600	1400	1200	1200	1100	900	600	400	300
	.50	2200	2100	1700	1300	1100	900	900	800	600	300	0	0
	.10	1800	1600	1300	1000	700	600	400	400	200	0	0	0
	.90	2800	2400	2000	1900	1500	1300	1200	1200	1000	700	500	400
	.50	2200	2200	1700	1300	1300	1000	900	900	700	400	100	0
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
	.90	3900	2800	2400	2100	1800	1500	1400	1300	1100	900	700	500
	.50	2800	2200	1800	1700	1300	1100	1000	900	700	400	300	100
	.10	1800	1800	1400	1300	800	600	600	500	300	0	0	0
	.90	2400	2400	1900	1600	1500	1300	1200	1100	900	700	500	300
	.50	2200	2200	1700	1300	1100	1000	900	800	600	300	100	0
	.10	1800	1800	1300	1000	700	600	400	400	200	0	0	0
4100	.90	2800	2400	2000	1600	1500	1300	1200	1100	900	700	500	300
	.50	2200	2200	1700	1300	1100	1000	900	800	600	300	100	0
	.10	1800	1800	1400	1300	800	600	600	500	300	0	0	0
	.90	2400	2400	1900	1600	1500	1300	1200	1100	900	700	500	300
	.50	2200	2200	1700	1300	1100	1000	900	800	600	300	100	0
	.10	1800	1800	1300	1000	700	600	400	400	200	0	0	0
	.90	2800	2400	2000	1900	1600	1400	1300	1200	1000	800	600	400
	.50	2200	2200	1800	1600	1300	1000	900	900	700	400	200	0
	.10	1800	1800	1300	1100	800	600	400	400	200	0	0	0
	.90	2800	2400	2000	1600	1600	1400	1300	1200	1000	800	600	400
	.50	2200	2200	1800	1300	1300	1000	900	900	700	400	200	0
	.10	1800	1800	1300	1100	800	600	600	400	200	0	0	0
	.90	3900	2800	2700	2100	1900	1600	1400	1300	1200	1000	800	600
	.50	2800	2200	1900	1600	1300	1100	1000	1000	700	500	300	200
	.10	2200	1800	1600	1400	1000	700	600	500	300	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2500	2400	2000	1900	1500	1300	1200	1200	1000	700	500	400
	.50	2200	2200	1800	1300	1300	1000	900	900	700	400	100	0
	.10	1800	1800	1300	1000	800	600	500	400	200	0	0	0
	.90	2800	2400	2100	2000	1600	1400	1300	1200	1100	800	600	500
	.50	2300	2200	1800	1700	1300	1100	1000	900	700	400	200	100
	.10	1800	1800	1400	1300	800	600	600	500	300	0	0	0
	.90	3900	3100	2700	2200	2000	1600	1400	1400	1200	1000	800	700
	.50	2800	2200	1900	1800	1600	1300	1100	1000	700	500	400	200
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
4300	.90	2800	2400	2100	1900	1600	1400	1200	1200	1000	700	500	400
	.50	2200	2200	1800	1700	1300	1100	1000	900	700	400	200	0
	.10	1800	1800	1400	1300	800	600	600	400	300	0	0	0
	.90	2800	2400	2100	2000	1600	1400	1300	1300	1100	900	700	500
	.50	2600	2200	1900	1800	1300	1100	1000	900	700	500	300	100
	.10	2200	1800	1600	1400	1000	700	600	500	300	0	0	0
	.90	4000	3100	2700	2400	2000	1700	1500	1400	1200	1000	800	700
	.50	2900	2200	2000	1900	1700	1300	1100	1000	800	600	400	200
	.10	2400	1800	1600	1400	1100	800	600	600	300	100	0	0
4400	.90	2800	2400	2100	2000	1600	1400	1300	1200	1000	800	600	400
	.50	2600	2200	1900	1800	1300	1100	1000	900	700	400	200	0
	.10	2200	1800	1600	1400	1000	700	600	500	300	0	0	0
	.90	3000	2600	2100	2100	1900	1500	1400	1300	1100	900	700	500
	.50	2800	2200	1900	1800	1300	1100	1000	1000	700	500	300	100
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	4100	3100	2800	2400	2000	1900	1600	1400	1200	1000	900	700
	.50	3000	2300	2000	1900	1700	1300	1100	1100	800	600	400	300
	.10	2500	1800	1600	1600	1200	800	600	600	300	200	0	0
	.90	3000	2400	2100	2000	1600	1400	1300	1200	1100	800	700	500
	.50	2800	2200	1900	1800	1300	1100	1000	1000	700	500	300	100
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
4500	.90	2800	2200	1900	1800	1300	1100	1000	900	700	400	200	100
	.50	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.10	2000	1400	1200	1000	700	500	400	300	0	0	0	0
	.90	3000	2800	2100	2100	1900	1500	1400	1300	1200	1000	700	600
	.50	2800	2200	1900	1800	1600	1300	1100	1000	800	500	300	200
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	3100	2700	2100	2100	1900	1500	1400	1300	1200	1000	700	600
	.50	2800	2200	1900	1800	1600	1300	1100	1000	800	500	300	200
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	3100	2700	2100	2100	1900	1500	1400	1300	1200	1000	700	600
	.50	2800	2200	1900	1800	1600	1300	1100	1000	800	500	300	200
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	3100	2700	2100	2100	1900	1500	1400	1300	1200	1000	700	600
	.50	2800	2200	1900	1800	1600	1300	1100	1000	800	500	300	200
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	3100	2700	2100	2100	1900	1500	1400	1300	1200	1000	700	600
	.50	2800	2200	1900	1800	1600	1300	1100	1000	800	500	300	200
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	3100	2700	2100	2100	1900	1500	1400	1300	1200	1000	700	600
	.50	2800	2200	1900	1800	1600	1300	1100	1000	800	500	300	200
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0
	.90	3100	2700	2100	2100	1900	1500	1400	1300	1200	1000	700	600
	.50	2800	2200	1900	1800	1600	1300	1100	1000	800	500	300	200
	.10	2400	1800	1600	1400	1000	700	600	600	300	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3000	2400	2100	2100	1900	1500	1400	1300	1100	900	700	500
	.50	2800	2200	1900	1800	1400	1200	1100	1000	700	500	300	100
	.10	2400	1800	1600	1400	1000	800	600	600	300	0	0	0
	.90	3100	2800	2400	2100	1900	1600	1400	1400	1200	1000	800	600
	.50	2900	2200	1900	1900	1700	1300	1100	1000	800	600	400	200
	.10	2500	1800	1600	1600	1200	800	600	600	300	100	0	0
	.90	4200	3100	2800	2700	2100	2000	1700	1500	1300	1100	1000	800
	.50	3100	2600	2200	1900	1800	1600	1300	1100	900	700	400	300
	.10	2600	1800	1800	1600	1300	1000	700	600	400	200	0	0
4700	.90	3100	2600	2100	2100	1900	1500	1400	1300	1100	900	700	500
	.50	2900	2200	1900	1900	1700	1300	1100	1000	800	500	300	100
	.10	2500	1800	1600	1600	1200	800	600	600	300	100	0	0
	.90	3100	2800	2400	2100	2000	1700	1500	1400	1200	1000	800	700
	.50	2900	2200	1900	1900	1700	1300	1100	1100	800	600	400	200
	.10	2500	1800	1600	1600	1300	900	700	600	400	200	0	0
	.90	4200	3100	2900	2700	2100	2000	1900	1600	1300	1100	1000	800
	.50	3400	2600	2200	1900	1800	1700	1300	1200	900	700	500	400
	.10	2900	1800	1800	1600	1400	1000	800	700	400	200	0	0
	.90	3100	2800	2200	2100	1900	1600	1400	1400	1100	1000	700	600
	.50	2900	2200	1900	1900	1700	1300	1100	1000	800	600	400	200
	.10	2500	1800	1600	1600	1300	900	700	600	300	200	0	0
	.90	3800	2800	2400	2100	2000	1900	1600	1400	1200	1000	900	700
	.50	3000	2300	2200	1900	1800	1300	1300	1100	800	700	400	200
	.10	2600	1800	1800	1600	1300	1000	700	600	400	200	0	0
	.90	4200	3300	2900	2800	2200	2000	1900	1700	1300	1100	1000	900
	.50	3400	3100	2200	2000	1800	1700	1300	1300	900	700	500	400
	.10	2900	1800	1600	1600	1400	1100	800	700	400	200	0	0
	.90	3200	2800	2400	2100	2000	1600	1500	1400	1200	1000	800	600
	.50	3000	2200	2200	1900	1700	1300	1100	1100	800	600	400	200
	.10	2600	1600	1800	1600	1300	1000	700	600	400	200	0	0
	.90	3900	2800	2600	2300	2000	1900	1600	1500	1200	1000	900	700
	.50	3400	2400	2200	1900	1800	1500	1300	1100	900	700	400	300
	.10	2900	1800	1800	1600	1400	1000	800	600	400	200	0	0
	.90	4300	3700	3000	2800	2400	2000	1900	1900	1400	1200	1000	900
	.50	3400	3100	2200	2000	1900	1700	1600	1300	900	700	600	400
	.10	2900	2200	1800	1600	1400	1300	1000	700	500	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3200	2800	2400	2100	2000	1800	1500	1400	1200	1000	800	700
	.50	3000	2300	2200	1900	1800	1300	1200	1100	900	600	400	200
	.10	2600	1800	1800	1600	1400	1000	800	600	400	200	0	0
	.90	3900	3000	2700	2400	2100	1900	1700	1500	1300	1100	900	800
	.50	3400	2600	2200	1900	1800	1600	1300	1100	900	700	500	300
	.10	2900	1800	1800	1600	1400	1100	800	700	400	200	0	0
	.90	4300	3700	3100	2900	2500	2100	2000	1900	1400	1200	1100	1000
	.50	3400	3200	2600	2200	1900	1800	1700	1300	1000	700	600	500
	.10	2900	2300	1800	1600	1400	1300	1000	800	500	200	0	0
5100	.90	3700	2800	2400	2100	2000	1900	1600	1400	1200	1000	900	700
	.50	3400	2300	2200	1900	1800	1600	1300	1100	900	700	400	300
	.10	2900	1800	1800	1600	1400	1100	800	700	400	200	0	0
	.90	3900	3100	2700	2400	2100	2000	1900	1600	1300	1100	1000	800
	.50	3400	2600	2200	1900	1800	1700	1300	1300	900	700	500	400
	.10	2900	2200	1800	1600	1400	1200	1000	700	500	200	0	0
	.90	4400	4400	3700	3100	2700	2100	2000	1900	1500	1200	1100	1000
	.50	3400	3300	2600	2300	1900	1800	1700	1600	1000	800	700	500
	.10	2900	2300	1800	1800	1600	1300	1100	1000	600	300	100	0
5200	.90	3700	2800	2400	2400	2100	1900	1700	1500	1200	1100	900	700
	.50	3400	2600	2200	1900	1800	1700	1300	1100	900	700	500	300
	.10	2900	2200	1800	1600	1400	1100	900	700	400	200	0	0
	.90	4000	3100	2800	2600	2100	2000	1900	1700	1300	1100	1000	900
	.50	3400	2600	2200	2000	1900	1700	1500	1300	900	700	600	400
	.10	2900	2300	1800	1600	1400	1300	1000	800	500	200	0	0
	.90	4400	4400	3700	3300	2800	2400	2100	2000	1600	1200	1100	1000
	.50	3500	3300	2600	2600	2000	1900	1800	1700	1000	800	700	500
	.10	3000	2300	1800	1800	1600	1400	1200	1000	600	300	200	0
5300	.90	3700	2800	2600	2400	2100	2000	1900	1600	1200	1100	1000	800
	.50	3400	2600	2200	1900	1800	1700	1300	1300	900	700	500	400
	.10	2900	2300	1800	1600	1400	1300	1000	800	500	200	0	0
	.90	4100	3100	2800	2700	2100	2000	1900	1900	1300	1200	1000	900
	.50	3400	2800	2200	2200	1900	1800	1600	1300	1000	700	600	400
	.10	2900	2300	1800	1800	1600	1300	1100	900	600	300	100	0
	.90	4500	4500	3700	3700	2800	2400	2100	2000	1600	1200	1100	1000
	.50	3600	3400	2600	2600	2200	1900	1800	1700	1000	800	700	500
	.10	3100	2400	2000	1800	1600	1400	1300	1000	600	300	200	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5400	.90	3800	2800	2700	2400	2100	2000	1900	1700	1300	1100	1000	800	
	.50	3400	2600	2200	2200	1900	1700	1600	1300	900	700	500	400	
	.10	2900	2300	1800	1800	1600	1300	1000	800	500	200	0	0	
	.50	.90	4100	3300	2800	2800	2400	2100	2000	1900	1400	1200	1000	1000
		.50	3500	3000	2400	2200	1900	1800	1700	1400	1000	800	600	400
		.10	3000	2300	1800	1800	1600	1300	1100	1000	600	300	100	0
		.90	4500	4500	3700	3700	2900	2600	2100	2100	1600	1300	1200	1000
	5500	.50	3600	3400	2600	2600	2200	1900	1800	1800	1100	900	700	600
		.10	3100	2700	2200	2000	1600	1400	1300	1100	600	300	200	0
		.90	3900	2900	2800	2400	2100	2000	1900	1900	1300	1100	1000	900
.50		3400	2600	2200	2200	1900	1800	1700	1300	1000	700	600	400	
.10		2900	2300	1800	1800	1600	1300	1100	1000	600	300	100	0	
.90		4200	3300	2900	2800	2400	2100	2000	1900	1400	1200	1100	1000	
.50		3600	3100	2600	2200	1900	1800	1700	1600	1000	800	700	500	
.10		3100	2400	2000	1800	1600	1400	1300	1000	600	300	200	0	
.90		4600	4600	3700	3700	2900	2700	2400	2100	1600	1300	1200	1100	
.50		3600	3500	2600	2600	2500	1900	1900	1800	1100	900	700	600	
5600	.10	3100	2700	2300	2000	1800	1600	1300	1300	600	300	200	0	
	.90	3900	3100	2800	2700	2100	2000	2000	1900	1300	1200	1000	900	
	.50	3500	2800	2500	2200	1900	1800	1700	1400	1000	800	600	400	
	.10	3000	2400	2000	1800	1600	1400	1300	1000	600	300	100	0	
	.90	4200	3700	2900	2800	2600	2100	2000	2000	1500	1200	1100	1000	
	.50	3600	3100	2600	2500	2000	1900	1800	1700	1000	800	700	500	
	.10	3100	2700	2200	2000	1600	1400	1300	1100	600	300	200	0	
	.90	4600	4600	3700	3700	2900	2800	2400	2100	1700	1300	1200	1100	
	.50	3700	3500	2600	2600	2500	1900	1900	1800	1300	900	700	600	
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	100	
5700	.90	3900	3300	2800	2800	2400	2100	2000	1900	1300	1200	1100	1000	
	.50	3600	2800	2600	2200	1900	1800	1700	1700	1000	800	700	500	
	.10	3100	2400	2200	1800	1600	1400	1300	1100	600	300	200	0	
	.90	4600	4600	3700	3700	2900	2800	2400	2100	1700	1300	1200	1100	
	.50	3700	3500	2600	2600	2500	1900	1900	1800	1300	900	700	600	
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	100	
	.90	4200	3900	3100	2800	2700	2100	2000	1900	1300	1200	1100	1000	
	.50	3600	2800	2600	2200	1900	1800	1700	1700	1000	800	700	500	
	.10	3100	2400	2200	1800	1600	1400	1300	1100	600	300	200	0	
	.90	4200	3900	3100	2800	2700	2100	2100	2000	1500	1200	1100	1000	
5800	.50	3600	3100	2600	2500	2200	1900	1800	1700	1100	900	700	500	
	.10	3100	2700	2300	2000	1800	1400	1300	1300	600	300	200	0	
	.90	4200	3700	2900	2800	2400	2100	2100	2000	1500	1200	1100	1000	
	.50	3600	3100	2600	2500	2200	1900	1800	1700	1100	900	700	500	
	.10	3100	2700	2300	2000	1800	1400	1300	1300	600	300	200	0	
	.90	4200	3900	3100	2800	2700	2100	2100	2000	1500	1200	1100	1000	
	.50	3600	3100	2600	2500	2200	1900	1800	1700	1100	900	700	500	
	.10	3100	2700	2300	2000	1800	1400	1300	1300	600	300	200	0	
	.90	4200	3900	3100	2800	2700	2100	2100	2000	1500	1200	1100	1000	
	.50	3600	3100	2600	2500	2200	1900	1800	1700	1100	900	700	500	

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4000	3300	2800	2800	2400	2100	2000	2000	1400	1200	1100	1000
	.50	3600	3100	2600	2500	2000	1900	1800	1700	1000	800	700	500
	.10	3100	2700	2300	2000	1600	1400	1300	1300	600	300	200	0
	.90	4300	4000	3100	2800	2800	2400	2100	2000	1500	1200	1100	1000
	.50	3700	3200	2600	2500	2200	1900	1800	1800	1100	900	700	600
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4700	4700	4300	3700	3100	2800	2800	2400	1900	1400	1200	1100
	.50	3800	3600	3200	2600	2600	2200	1900	1900	1300	900	800	700
	.10	3400	2900	2300	2200	1800	1600	1400	1300	700	500	200	100
5900	.90	4100	3700	2900	2800	2600	2100	2100	2000	1400	1200	1100	1000
	.50	3600	3100	2600	2500	2200	1900	1800	1700	1100	900	700	500
	.10	3100	2700	2300	2000	1800	1600	1400	1300	600	300	200	0
	.90	4300	4000	3300	2900	2800	2400	2100	2100	1600	1300	1200	1100
	.50	3700	3400	2600	2600	2200	1900	1900	1800	1100	900	700	600
	.10	3200	2900	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4700	4700	4400	4300	3700	2900	2800	2700	1900	1400	1300	1200
	.50	3800	3700	3300	3200	2600	2500	2000	1900	1600	1000	800	700
	.10	3400	3200	2300	2300	2000	1600	1600	1400	800	500	300	200
6000	.90	4100	4000	2900	2800	2700	2300	2100	2000	1500	1200	1100	1000
	.50	3700	3100	2600	2600	2200	1900	1800	1800	1100	900	700	600
	.10	3200	2700	2300	2000	1800	1600	1400	1300	600	400	200	0
	.90	4400	4400	3700	3100	2800	2600	2300	2100	1700	1300	1200	1100
	.50	3800	3400	2600	2600	2500	2000	1900	1800	1300	900	700	600
	.10	3400	2900	2300	2200	1800	1600	1400	1300	700	400	200	100
	.90	4800	4800	4400	4400	3700	2900	2900	2800	2000	1500	1300	1200
	.50	3900	3700	3300	3300	2700	2600	2200	1900	1700	1000	900	700
	.10	3500	3200	2300	2300	2000	1800	1600	1400	1000	500	300	200
6100	.90	4200	4000	3100	2800	2800	2400	2100	2000	1500	1200	1100	1000
	.50	3800	3400	2600	2600	2200	1900	1800	1800	1100	900	700	600
	.10	3400	2900	2300	2200	1800	1600	1400	1300	600	400	200	100
	.90	4400	4400	3700	3700	3100	2700	2400	2100	1800	1300	1200	1100
	.50	3800	3700	2700	2600	2500	2200	1900	1800	1300	900	800	700
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	2900	2300	2200	1800	1600	1400	1300	600	400	200	100
	.90	4400	4400	3700	3700	3100	2700	2400	2100	1800	1300	1200	1100
	.50	3800	3700	2700	2600	2500	2200	1900	1800	1300	900	800	700
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100
	.90	4800	4800	4400	4400	4300	3100	2900	2800	2000	1500	1300	1200
	.50	3900	3700	2700	2600	2500	2200	1900	1800	1300	900	700	600
	.10	3400	3200	2300	2300	2000	1600	1400	1300	700	500	200	100

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00		
Q	EXC.	EXC.													
6200	.90	4200	4000	3100	2800	2800	2400	2100	2100	1600	1300	1200	1100		
		3800	3500	2600	2600	2300	1900	1900	1800	1800	1200	900	700	600	
		3400	3000	2300	2300	1800	1600	1400	1300	1300	700	500	200	100	
		4500	4500	3700	3700	2900	2800	2400	2200	2200	1900	1300	1200	1100	
		3900	3700	2700	2600	2600	2200	1900	1900	1900	1300	900	800	700	
		3500	3200	2300	2300	2000	1800	1600	1400	1400	800	500	300	200	
		4900	4900	4400	4400	4300	3300	2900	2800	2800	2000	1600	1300	1200	
		4300	3800	3400	3300	3200	2600	2500	2200	2200	1700	1000	900	800	
		3900	3200	2400	2300	2000	1800	1600	1500	1500	1000	600	400	200	
		4200	4000	3100	2900	2800	2500	2200	2100	2100	1700	1300	1200	1100	
6300	.90	3900	3700	2700	2600	2500	2100	1900	1800	1300	900	800	700		
		3500	3200	2300	2300	2000	1600	1600	1400	1400	700	500	200	100	
		4500	4500	3700	3700	2900	2800	2500	2400	2400	1900	1300	1200	1100	
		3900	3700	3100	2600	2600	2200	2000	1900	1900	1400	900	800	700	
		3500	3200	2400	2300	2000	1800	1600	1400	1400	900	500	300	200	
		4900	4900	4400	4400	4300	3700	2900	2800	2800	2100	1600	1300	1200	
		4300	3800	3600	3300	3200	2600	2500	2200	2200	1700	1000	900	800	
		3900	3200	2700	2300	2000	1800	1800	1600	1600	1100	600	400	200	
		4300	4100	3300	2900	2800	2500	2200	2400	2100	1800	1300	1200	1100	
		3900	3700	2700	2600	2500	2200	1800	1800	1800	1300	900	800	700	
6400	.90	3500	3200	2400	2300	2000	1600	1600	1400	900	500	300	200		
		4900	4900	4400	4400	4300	3700	2900	2800	2800	2100	1600	1300	1200	
		4300	3800	3600	3300	3200	2600	2500	2200	2200	1700	1000	900	800	
		3900	3200	2700	2300	2000	1800	1800	1600	1600	1100	600	400	200	
		4300	4100	3300	2900	2800	2500	2200	2400	2100	1800	1300	1200	1100	
		3900	3700	2700	2600	2500	2200	1800	1800	1800	1300	900	800	700	
		3500	3200	2400	2300	2000	1800	1600	1400	1400	900	500	300	200	
		4600	4600	3700	3700	2900	2800	2700	2400	2400	1900	1400	1200	1200	
		4300	3700	3100	2600	2600	2300	2200	2200	1900	1600	1000	900	700	
		3900	3200	2400	2300	2000	1800	1600	1600	1400	1000	600	300	200	
6500	.90	5300	5000	4400	4400	4300	3700	2900	2800	2100	1600	1300	1200		
		5000	3900	3700	3300	3200	2600	2600	2500	2200	1800	1100	900	800	
		4500	3200	2700	2300	2000	1900	1800	1600	1600	1100	600	400	200	
		4500	4100	3700	3100	2800	2700	2400	2400	2100	1900	1300	1200	1100	
		4300	3700	3100	2600	2500	2200	1900	1900	1900	1300	900	800	700	
		3900	3200	2400	2300	2000	1800	1600	1600	1400	1000	500	300	200	
		4600	4600	3700	3700	3100	2800	2800	2500	2500	1900	1400	1300	1200	
		4300	3700	3100	2600	2600	2500	2200	2200	1900	1700	1000	900	700	
		3900	3200	2700	2300	2000	1800	1600	1600	1600	1000	600	400	200	
		5300	5000	4400	4400	4300	3700	2900	2800	2800	2100	1700	1300	1300	
6600	.90	5000	3900	3700	3300	3200	2600	2600	2500	1900	1400	1300	1200		
		4500	3200	2700	2300	2000	1900	1800	1600	1600	1100	600	400	200	
		4500	4100	3700	3100	2800	2700	2400	2400	2100	1900	1300	1200	1100	
		4300	3700	3100	2600	2500	2200	1900	1900	1900	1300	900	800	700	
		3900	3200	2400	2300	2000	1800	1600	1600	1400	1000	500	300	200	
		4600	4600	3700	3700	3100	2800	2800	2500	2500	1900	1400	1300	1200	
		4300	3700	3100	2600	2600	2500	2200	2200	1900	1700	1000	900	700	
		3900	3200	2700	2300	2000	1800	1600	1600	1600	1000	600	400	200	
		5300	5000	4400	4400	4300	3700	2900	2800	2800	2100	1700	1300	1300	
		5000	3900	3700	3300	3200	2600	2600	2500	2200	2500	1800	1100	900	800
6700	.90	4500	3200	2700	2300	2000	1800	1600	1600	1100	600	400	200		
		4500	4100	3700	3100	2800	2700	2400	2400	2100	1900	1300	1200	1100	
		4300	3700	3100	2600	2500	2200	1900	1900	1900	1300	900	800	700	
		3900	3200	2400	2300	2000	1800	1600	1600	1400	1000	500	300	200	
		4600	4600	3700	3700	3100	2800	2800	2500	2500	1900	1400	1300	1200	
		4300	3700	3100	2600	2600	2500	2200	2200	1900	1700	1000	900	700	
		3900	3200	2700	2300	2000	1800	1600	1600	1600	1000	600	400	200	
		5300	5000	4400	4400	4300	3700	2900	2800	2800	2100	1700	1300	1300	
		5000	3900	3700	3300	3200	2600	2600	2500	2200	2500	1800	1100	900	800
		4500	3200	2700	2300	2000	1800	1600	1600	1600	1000	600	400	200	

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK: SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4500	4400	3700	3300	2800	2800	2500	2400	1900	1400	1200	1100
	.50	4300	3700	3100	2600	2600	2200	2200	1900	1500	900	900	700
	.10	3900	3200	2700	2300	2000	1800	1600	1600	1000	600	300	200
	.90	5300	4600	4000	3700	3100	2800	2800	2600	2000	1500	1300	1200
	.50	5000	3700	3400	2700	2600	2500	2200	2000	1700	1000	900	800
	.10	4500	3200	2700	2300	2000	1800	1800	1600	1000	600	400	200
	.90	5300	5100	4400	4300	4300	3700	2900	2800	2100	1800	1400	1300
	.50	5000	4000	3700	3300	3200	2600	2600	2500	1800	1200	900	900
	.10	4500	3200	2900	2400	2200	2000	1800	1800	1300	600	500	300
6700	.90	4500	4400	3700	3700	2900	2800	2600	2400	1900	1400	1200	1200
	.50	4300	3700	3100	2600	2600	2500	2200	1900	1600	1000	900	700
	.10	3900	3200	2700	2300	2000	1800	1800	1600	1000	600	400	200
	.90	5300	4700	4300	3700	3300	2900	2800	2800	2000	1600	1300	1200
	.50	5000	3700	3600	3100	2600	2500	2200	2200	1700	1000	900	800
	.10	4500	3200	2700	2400	2000	2000	1800	1600	1100	600	400	200
	.90	5400	5100	4400	4300	4300	3700	2900	2800	2100	1900	1400	1300
	.50	5100	4000	3700	3300	3200	2600	2600	2500	1800	1300	900	900
	.10	4600	3600	2900	2400	2200	2000	1800	1800	1300	700	500	300
6800	.90	5300	4500	3700	3700	2900	2800	2700	2400	1900	1400	1300	1200
	.50	5000	3700	3400	2700	2600	2500	2200	2000	1700	1000	900	800
	.10	4500	3200	2700	2300	2000	1800	1800	1600	1100	600	400	200
	.90	5300	4700	4400	4300	3700	2900	2800	2800	2100	1600	1300	1200
	.50	5000	3700	3600	3300	2600	2600	2500	2200	1800	1100	900	800
	.10	4500	3200	2900	2400	2200	2000	1800	1600	1300	600	500	300
	.90	5400	5200	4300	4300	4300	3700	3100	2800	2400	1900	1500	1300
	.50	5100	4100	4000	3400	3200	2600	2600	2500	1900	1300	1000	900
	.10	4600	3600	2900	2700	2300	2000	1900	1800	1300	700	500	400
6900	.90	5300	4500	3700	3700	3100	2800	2800	2500	2000	1500	1300	1200
	.50	5000	3700	3400	2800	2600	2500	2200	2200	1700	1000	900	800
	.10	4500	3200	2700	2400	2200	2000	1800	1600	1100	600	400	200
	.90	5400	4800	4400	4400	4000	3100	2900	2800	2100	1700	1300	1300
	.50	5100	4000	3700	3300	3200	2600	2500	2300	1800	1200	900	900
	.10	4600	3600	2900	2400	2200	2000	1800	1800	1300	600	500	300
	.90	5500	5200	5200	4500	4300	3700	3300	2800	2400	1900	1600	1300
	.50	5200	4100	4100	4000	3300	3100	2600	2500	1900	1400	1000	900
	.10	4700	3600	3200	2700	2300	2000	2000	1800	1300	700	500	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning MUA - CHINOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5300	4600	4000	3700	3100	2800	2700	2000	1500	1300	1200
	.50		5000	4000	3500	3100	2600	2200	2200	1700	1000	900	800
	.10		4500	3600	2900	2400	2200	1800	1800	1300	600	500	200
	.90	.50	5400	4800	4400	4400	4300	2900	2800	2100	1800	1400	1300
	.50		5100	4000	3700	3300	3300	2600	2500	1800	1300	900	900
	.10		4600	3600	2900	2700	2300	1800	1800	1300	700	500	300
	.90	.10	5500	5200	5200	5200	4300	3700	3100	2500	1900	1600	1300
	.50		5200	4100	4100	4100	3700	2600	2600	1900	1500	1000	900
	.10		4800	3600	3200	2700	2300	2000	2000	1400	900	600	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	400	400	300	300	100	0	0	0	0	0	0	0
	.50	400	400	300	200	100	0	0	0	0	0	0	0
	.10	200	200	100	0	0	0	0	0	0	0	0	0
	.90	500	500	400	300	200	100	0	0	0	0	0	0
	.50	400	400	400	300	200	100	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	600	600	500	500	400	200	100	100	0	0	0	0
	.50	500	500	500	400	300	200	100	0	0	0	0	0
	.10	300	300	300	200	100	0	0	0	0	0	0	0
1500	.90	500	400	400	300	200	100	0	0	0	0	0	0
	.50	400	400	400	300	200	100	0	0	0	0	0	0
	.10	200	200	200	0	0	0	0	0	0	0	0	0
	.90	500	500	400	400	200	100	100	0	0	0	0	0
	.50	500	500	400	400	200	100	0	0	0	0	0	0
	.10	300	300	200	200	0	0	0	0	0	0	0	0
	.90	800	600	500	500	400	300	200	100	0	0	0	0
	.50	700	500	500	400	400	200	100	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
1600	.90	500	500	400	400	200	100	100	0	0	0	0	0
	.50	500	500	400	400	200	100	0	0	0	0	0	0
	.10	300	300	200	200	0	0	0	0	0	0	0	0
	.90	600	500	500	400	300	200	100	100	0	0	0	0
	.50	500	500	500	400	300	200	100	0	0	0	0	0
	.10	300	300	300	200	100	0	0	0	0	0	0	0
	.90	900	700	600	500	400	300	200	100	0	0	0	0
	.50	700	700	500	500	400	200	100	0	0	0	0	0
	.10	500	500	500	300	200	0	0	0	0	0	0	0
1700	.90	500	500	500	400	300	200	100	100	0	0	0	0
	.50	500	500	500	400	300	200	100	0	0	0	0	0
	.10	300	300	300	200	100	0	0	0	0	0	0	0
	.90	800	600	500	400	300	200	100	100	0	0	0	0
	.50	700	500	500	400	300	200	100	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1000	800	700	600	500	400	300	200	100	0	0	0
	.50	700	700	700	600	400	300	200	100	0	0	0	0
	.10	500	500	500	400	200	0	0	0	0	0	0	0



TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINDOOK:  
 SPawning MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	900	800	800	800	600	400	300	200	0	0	0	0
	.50	800	800	800	700	600	400	200	200	0	0	0	0
	.10	600	600	600	500	400	200	0	0	0	0	0	0
	.90	1000	1000	800	800	700	500	400	300	0	0	0	0
	.50	1000	900	800	800	700	500	400	200	0	0	0	0
	.10	700	600	600	600	400	300	100	0	0	0	0	0
	.90	1800	1100	1000	900	800	600	500	500	200	0	0	0
	.50	1200	1100	800	800	700	600	400	400	0	0	0	0
	.10	800	800	600	600	500	300	200	100	0	0	0	0
2300	.90	1000	900	800	800	700	500	400	300	0	0	0	0
	.50	1000	800	800	800	700	400	300	200	0	0	0	0
	.10	700	600	600	600	400	200	100	0	0	0	0	0
	.90	1200	1000	900	800	800	500	500	400	100	0	0	0
	.50	1100	900	800	800	700	500	400	300	0	0	0	0
	.10	800	600	600	600	500	300	200	100	0	0	0	0
2400	.90	1800	1200	1000	900	800	700	500	500	200	0	0	0
	.50	1200	1100	900	800	800	600	500	400	100	0	0	0
	.10	900	800	600	600	500	400	200	100	0	0	0	0
	.90	1100	1000	800	800	700	500	400	300	0	0	0	0
	.50	1100	900	800	800	700	500	400	200	0	0	0	0
	.10	800	600	600	600	500	300	100	0	0	0	0	0
	.90	1200	1100	900	800	800	600	500	400	100	0	0	0
	.50	1100	1100	800	800	700	500	400	400	0	0	0	0
	.10	800	800	600	600	500	300	200	100	0	0	0	0
	.90	1800	1200	1000	1000	800	700	600	500	300	0	0	0
	.50	1300	1100	1000	800	800	700	500	400	100	0	0	0
	.10	1000	900	700	600	600	400	300	200	0	0	0	0
2500	.90	1200	1000	900	800	800	500	500	400	100	0	0	0
	.50	1100	1000	800	800	700	500	400	300	0	0	0	0
	.10	800	700	600	600	500	300	200	100	0	0	0	0
	.90	1300	1200	1000	900	800	700	500	500	100	0	0	0
	.50	1200	1100	900	800	800	600	500	400	0	0	0	0
	.10	900	800	600	600	500	400	200	100	0	0	0	0
	.90	1800	1200	1000	900	800	700	500	500	100	0	0	0
	.50	1200	1100	900	800	800	600	500	400	0	0	0	0
	.10	900	800	600	600	500	400	200	100	0	0	0	0
	.90	1800	1200	1100	1000	800	800	700	600	300	0	0	0
	.50	1300	1100	1100	900	800	700	600	400	100	0	0	0
	.10	1000	900	800	600	600	400	200	100	0	0	0	0



TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1500	1200	1100	1000	800	800	700	500	300	0	0	0
	.50	1400	1100	1100	1000	800	700	700	500	200	0	0	0
	.10	1100	900	800	700	600	500	400	300	0	0	0	0
	.90	1500	1200	1100	1000	900	800	700	700	400	100	0	0
	.50	1400	1100	1100	1000	800	800	700	600	200	0	0	0
	.10	1100	900	800	800	600	500	400	400	0	0	0	0
	.90	2400	1800	1300	1200	1000	900	800	800	500	300	100	0
	.50	1900	1800	1100	1100	900	800	700	700	400	100	0	0
	.10	1600	1200	900	800	600	600	500	400	100	0	0	0
3100	.90	1500	1200	1100	1000	900	800	700	600	300	0	0	0
	.50	1400	1100	1100	1000	800	700	700	500	200	0	0	0
	.10	1100	900	800	800	600	500	400	300	0	0	0	0
	.90	1800	1200	1100	1100	1000	800	800	700	400	100	0	0
	.50	1800	1100	1100	1100	800	800	700	700	300	0	0	0
	.10	1500	900	900	800	600	500	500	400	0	0	0	0
	.90	2400	1900	1400	1200	1100	1000	800	800	600	300	100	0
	.50	1900	1800	1300	1100	1000	800	800	700	400	100	0	0
	.10	1600	1500	900	900	700	600	500	500	100	0	0	0
3200	.90	1800	1200	1100	1100	900	800	700	700	300	100	0	0
	.50	1800	1100	1100	1100	800	800	700	600	200	0	0	0
	.10	1500	900	900	800	600	500	500	400	0	0	0	0
	.90	1900	1600	1200	1100	1000	800	800	800	500	200	0	0
	.50	1900	1400	1100	1100	900	800	700	700	400	100	0	0
	.10	1600	1200	900	800	600	600	500	400	100	0	0	0
	.90	2400	1900	1700	1300	1100	1000	900	800	600	400	200	0
	.50	1900	1800	1400	1100	1100	800	800	700	500	200	0	0
	.10	1600	1500	1200	900	800	600	500	500	200	0	0	0
3300	.90	1900	1400	1200	1100	1000	800	800	700	400	100	0	0
	.50	1900	1400	1100	1100	900	800	700	700	300	0	0	0
	.10	1600	1200	900	800	600	600	500	400	0	0	0	0
	.90	2000	1800	1300	1200	1000	900	800	800	500	300	0	0
	.50	1900	1800	1100	1100	900	800	800	700	400	100	0	0
	.10	1600	1500	900	900	700	600	500	500	100	0	0	0
	.90	2400	1900	1700	1400	1100	1000	1000	900	700	400	300	100
	.50	2000	1800	1400	1200	1100	900	800	800	500	200	0	0
	.10	1700	1500	1200	900	800	600	600	500	200	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	1900	1800	1200	1100	1000	800	800	700	500	200	0	0
	.50	1900	1800	1100	1100	900	800	700	700	400	100	0	0
	.10	1600	1500	900	900	600	600	500	400	100	0	0	0
	.90	2000	1800	1400	1200	1100	1000	800	800	500	300	100	0
	.50	1900	1800	1400	1100	1000	800	800	700	400	100	0	0
	.10	1600	1500	1200	900	800	600	500	500	100	0	0	0
	.90	2400	1900	1700	1400	1100	1100	1000	900	700	500	300	100
	.50	2000	1900	1400	1200	1100	900	800	800	500	200	100	0
	.10	1700	1600	1200	900	800	600	600	500	200	0	0	0
3500	.90	2000	1800	1400	1200	1000	900	800	800	500	200	0	0
	.50	1900	1800	1400	1100	1000	800	800	700	400	100	0	0
	.10	1600	1500	1200	900	800	600	500	500	100	0	0	0
	.90	2100	1800	1400	1200	1100	1000	900	800	600	300	100	0
	.50	2000	1800	1400	1100	1100	800	800	700	500	200	0	0
	.10	1700	1500	1200	900	800	600	500	500	200	0	0	0
	.90	2400	2300	1700	1400	1200	1100	1000	1000	800	500	300	200
	.50	2300	1900	1600	1400	1100	1000	800	800	600	400	100	0
	.10	2000	1600	1200	1200	800	600	600	500	300	0	0	0
	.90	2000	1800	1400	1200	1100	900	800	800	500	300	100	0
	.50	1900	1800	1400	1100	1100	800	800	700	400	200	0	0
	.10	1600	1500	1200	900	800	600	500	500	200	0	0	0
	.90	2100	1900	1400	1300	1100	1000	900	900	700	400	200	0
	.50	2000	1900	1400	1200	1100	900	800	800	500	200	0	0
	.10	1700	1600	1200	900	800	600	600	500	200	0	0	0
	.90	2400	2400	1800	1700	1300	1100	1000	1000	800	500	400	200
	.50	2300	1900	1800	1400	1100	1100	900	800	700	400	200	0
	.10	2000	1600	1300	1200	900	800	600	600	400	0	0	0
	.90	2100	1900	1400	1200	1100	1000	900	800	600	300	100	0
	.50	2000	1900	1400	1100	1100	900	800	800	500	200	0	0
	.10	1700	1600	1200	900	800	600	600	500	200	0	0	0
3700	.90	2100	1900	1400	1200	1100	1000	900	800	600	300	100	0
	.50	2000	1900	1400	1100	1100	900	800	800	500	200	0	0
	.10	1700	1600	1200	900	800	600	600	500	200	0	0	0
	.90	2400	1900	1700	1400	1200	1000	1000	900	700	400	300	100
	.50	2300	1900	1400	1400	1100	1000	800	800	600	300	100	0
	.10	2000	1600	1200	1200	800	600	600	500	300	0	0	0
	.90	2400	2400	1900	1700	1400	1100	1000	1000	800	600	400	300
	.50	2300	2100	1800	1400	1200	1100	900	800	700	400	200	100
	.10	2000	1800	1500	1200	1100	800	600	600	400	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINDOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2300	1900	1400	1400	1100	1000	900	800	600	400	200	0
	.50	2300	1900	1400	1400	1100	900	800	800	500	200	0	0
	.10	2000	1600	1200	1200	800	600	600	500	300	0	0	0
	.90	2400	2300	1800	1400	1200	1100	1000	1000	800	500	300	100
	.50	2300	1900	1700	1400	1100	1000	900	800	700	400	100	0
	.10	2000	1600	1300	1200	900	800	600	600	400	0	0	0
	.90	2500	2400	1900	1800	1400	1200	1100	1100	900	600	500	300
	.50	2300	2300	1800	1600	1300	1100	1000	900	700	500	200	100
	.10	2000	2000	1500	1200	1000	800	700	600	400	100	0	0
3900	.90	2300	1900	1700	1400	1200	1000	1000	900	700	400	200	0
	.50	2300	1900	1600	1400	1100	1000	800	800	600	200	100	0
	.10	2000	1600	1300	1200	800	700	600	600	300	0	0	0
	.90	2400	2300	1800	1400	1300	1100	1000	1000	800	500	300	200
	.50	2300	2100	1800	1400	1100	1100	900	800	700	400	200	0
	.10	2000	1800	1500	1200	900	800	600	600	400	100	0	0
	.90	3400	2400	2000	1800	1400	1200	1100	1100	900	700	500	300
	.50	2800	2300	1900	1800	1300	1100	1100	900	700	500	300	200
	.10	2000	2000	1500	1300	1000	800	800	600	500	200	0	0
4000	.90	2300	2200	1800	1400	1200	1100	1000	900	800	500	300	100
	.50	2300	2100	1800	1400	1100	1000	900	800	700	400	100	0
	.10	2000	1800	1500	1200	900	800	600	600	400	0	0	0
	.90	2400	2300	1800	1700	1400	1100	1100	1000	800	600	400	200
	.50	2300	2300	1800	1400	1300	1100	1000	900	700	400	200	100
	.10	2000	2000	1500	1200	1000	800	700	600	400	100	0	0
	.90	3500	2400	2300	1900	1500	1300	1200	1100	900	800	500	400
	.50	2900	2300	1800	1400	1400	1100	1100	1000	800	500	400	200
	.10	2000	2000	1600	1500	1000	800	800	700	500	200	0	0
4100	.90	2300	2300	1800	1400	1300	1100	1000	1000	800	500	300	200
	.50	2300	2300	1800	1400	1100	1100	900	800	700	400	200	0
	.10	2000	2000	1500	1200	900	800	600	600	400	100	0	0
	.90	2400	2300	1900	1700	1400	1200	1100	1000	800	600	400	300
	.50	2300	2300	1800	1600	1300	1100	1000	900	700	500	200	100
	.10	2000	2000	1500	1300	1000	800	800	600	400	100	0	0
	.90	3500	2400	2400	2000	1700	1400	1200	1100	900	800	600	400
	.50	2900	2300	2000	1900	1400	1200	1100	1100	800	600	400	200
	.10	2000	2000	1500	1500	1000	800	600	600	400	100	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4200	.90	2300	2300	1900	1700	1400	1100	1100	1000	800	500	300	200
	.50	2300	2300	1800	1400	1300	1100	1000	900	700	400	200	0
	.10	2000	2000	1500	1200	1000	800	700	600	400	100	0	0
	.90	2400	2300	1900	1800	1400	1200	1100	1100	800	700	500	300
	.50	2300	2300	1900	1800	1300	1100	1100	1000	800	500	300	100
	.10	2000	2000	1600	1500	1000	800	800	700	500	200	0	0
	.90	3500	2700	2400	2000	1800	1400	1300	1200	1000	800	600	500
	.50	2900	2300	2000	1900	1600	1300	1100	1100	800	600	400	200
	.10	2600	2000	1800	1600	1200	900	800	800	500	300	0	0
4300	.90	2400	2300	1900	1800	1400	1200	1100	1000	800	600	400	300
	.50	2300	2300	1900	1800	1300	1100	1100	900	700	500	200	100
	.10	2000	2000	1600	1500	1000	800	800	600	500	200	0	0
	.90	2700	2300	2000	1900	1400	1300	1200	1100	900	700	500	300
	.50	2700	2300	2000	1900	1400	1100	1100	1000	800	500	400	200
	.10	2400	2000	1800	1600	1200	900	800	700	500	200	0	0
	.90	3600	2700	2400	2300	1800	1500	1400	1200	1000	800	700	500
	.50	3000	2300	2100	2000	1800	1400	1200	1100	800	700	400	300
	.10	2600	2000	1800	1600	1300	1000	800	800	500	300	100	0
	.90	2700	2300	2000	1900	1400	1200	1100	1100	800	600	400	300
	.50	2700	2300	2000	1900	1400	1100	1100	1000	800	500	300	100
	.10	2400	2000	1800	1600	1200	900	800	700	500	200	0	0
	.90	2900	2400	2000	1900	1600	1400	1200	1100	900	800	500	400
	.50	2900	2300	2000	1900	1400	1200	1100	1100	800	600	400	200
	.10	2600	2000	1800	1600	1200	900	800	800	500	200	0	0
	.90	3700	2700	2400	2300	1900	1700	1400	1300	1000	800	700	500
	.50	3100	2300	2100	2000	1800	1400	1200	1100	800	700	500	400
	.10	2700	2000	1800	1800	1500	1000	900	800	600	400	100	0
	.90	2900	2300	2000	1900	1400	1300	1200	1100	900	700	500	300
	.50	2900	2300	2000	1900	1400	1100	1100	1000	800	500	300	200
	.10	2600	2000	1800	1600	1200	900	800	800	500	200	0	0
	.90	2900	2400	2000	1900	1700	1400	1200	1100	1000	800	600	400
	.50	2900	2300	2000	1900	1600	1300	1100	1100	800	600	400	200
	.10	2600	2000	1800	1600	1200	1000	800	800	500	300	0	0
	.90	3700	2700	2400	2400	1900	1700	1400	1300	1000	800	700	600
	.50	3100	2700	2200	2000	1900	1400	1300	1100	900	700	500	400
	.10	2700	2000	1800	1800	1500	1000	800	800	500	300	0	0
4500	.90	2900	2300	2000	1900	1400	1300	1200	1100	900	700	500	300
	.50	2900	2300	2000	1900	1400	1100	1100	1000	800	500	300	200
	.10	2600	2000	1800	1600	1200	900	800	800	500	200	0	0
	.90	2900	2400	2000	1900	1700	1400	1200	1100	1000	800	600	400
	.50	2900	2300	2000	1900	1600	1300	1100	1100	800	600	400	200
	.10	2600	2000	1800	1600	1200	1000	800	800	500	300	0	0
	.90	3700	2700	2400	2400	1900	1700	1400	1300	1000	800	700	600
	.50	3100	2700	2200	2000	1900	1400	1300	1100	900	700	500	400
	.10	2700	2000	1800	1800	1500	1000	800	800	500	300	0	0
	.90	2900	2700	2400	2400	1900	1700	1400	1300	1000	800	700	600
	.50	3100	2700	2200	2000	1900	1400	1300	1100	900	700	500	400
	.10	2700	2000	1800	1800	1500	1000	800	800	500	300	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINGOOK:  
 SPANNING MONTH -- SEPTEMBER INCUBATION MONTH -- MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2900	2300	2000	1900	1700	1400	1200	1100	900	700	500	300
	.50	2900	2300	2000	1900	1500	1300	1100	1100	800	600	400	200
	.10	2600	2000	1800	1600	1200	1000	800	800	500	300	0	0
	.90	3000	2400	2300	2000	1800	1400	1300	1200	1000	800	600	400
	.50	3000	2300	2000	2000	1800	1300	1100	1100	800	700	400	200
	.10	2700	2000	1800	1800	1400	1000	800	800	500	300	100	0
	.90	3800	2700	2500	2400	2000	1800	1500	1400	1100	900	800	600
	.50	3200	2700	2300	2000	1900	1600	1400	1200	900	700	500	400
	.10	2800	2000	2000	1800	1500	1200	900	900	600	400	200	0
4700	.90	3000	2400	2000	2000	1800	1400	1200	1100	1000	800	500	400
	.50	3000	2300	2000	2000	1800	1300	1100	1100	800	600	400	200
	.10	2700	2000	1800	1800	1400	1000	800	800	500	300	0	0
	.90	3000	2400	2300	2000	1800	1500	1400	1200	1000	800	600	500
	.50	3000	2300	2000	2000	1800	1400	1200	1100	800	700	500	300
	.10	2700	2000	1800	1800	1500	1100	900	800	600	400	100	0
	.90	3600	2700	2500	2400	2000	1800	1700	1400	1100	900	800	600
	.50	3400	2700	2300	2000	1900	1800	1400	1300	1000	700	600	400
	.10	3100	2000	2000	1800	1600	1200	1000	900	600	400	200	0
4800	.90	3000	2400	2000	2000	1800	1400	1200	1200	1000	800	600	400
	.50	3000	2300	2000	2000	1800	1300	1100	1100	800	700	400	200
	.10	2700	2000	1800	1800	1500	1100	900	800	600	400	100	0
	.90	3400	2400	2300	2000	1900	1700	1400	1200	1000	800	700	500
	.50	3100	2300	2300	2000	1900	1400	1300	1100	900	700	500	300
	.10	2800	2000	2000	1800	1500	1200	900	800	600	400	100	0
	.90	3800	3200	2600	2400	2000	1900	1700	1500	1100	1000	800	700
	.50	3400	3200	2300	2100	1900	1800	1400	1300	1000	800	600	500
	.10	3100	2000	2000	1800	1600	1300	1000	900	700	400	200	100
4900	.90	3100	2400	2300	2000	1900	1400	1300	1200	1000	800	600	500
	.50	3100	2300	2300	2000	1800	1400	1200	1100	800	700	400	200
	.10	2800	2000	2000	1800	1500	1200	900	800	600	400	100	0
	.90	3500	2500	2400	2000	1900	1700	1400	1300	1000	900	700	600
	.50	3400	2500	2300	2000	1900	1500	1300	1100	900	700	500	400
	.10	3100	2000	2000	1800	1600	1200	1000	900	600	400	200	0
	.90	3900	3300	2700	2400	2300	1900	1800	1700	1100	1000	800	700
	.50	3400	3200	2300	2100	2000	1800	1600	1400	1000	800	700	500
	.10	3100	2400	2000	1800	1600	1500	1200	1200	900	700	400	200
	.90	3900	3300	2700	2400	2300	1900	1800	1600	1100	1000	800	700
	.50	3400	3200	2300	2100	2000	1800	1600	1400	1000	800	700	500
	.10	3100	2400	2000	1800	1600	1500	1200	1200	900	700	400	200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3100	2400	2300	2000	1900	1600	1400	1200	1000	800	600	500
	.50	3100	2300	2300	2000	1900	1400	1300	1100	900	700	500	300
	.10	2800	2000	2000	1800	1600	1200	1000	800	600	400	100	0
	.90	3500	2700	2400	2300	1900	1800	1500	1400	1100	900	800	600
	.50	3400	2700	2300	2000	1900	1700	1400	1200	1000	700	500	400
	.10	3100	2000	2000	1800	1600	1300	1000	900	600	400	200	0
	.90	3900	3500	2700	2600	2300	2000	1800	1700	1200	1000	900	800
	.50	3400	3300	2700	2300	2000	1900	1800	1500	1100	800	700	500
	.10	3100	2500	2000	1800	1700	1500	1300	1000	800	500	300	100
	.90	3500	2400	2300	2000	1900	1700	1400	1300	1000	800	700	500
5100	.50	3400	2300	2300	2000	1900	1600	1300	1100	900	700	500	400
	.10	3100	2000	2000	1800	1600	1300	1000	900	600	400	200	0
	.90	3500	2700	2400	2300	2000	1800	1700	1400	1100	900	800	600
	.50	3400	2700	2300	2000	1900	1800	1400	1300	1000	800	600	400
	.10	3100	2400	2000	1800	1600	1500	1200	900	700	400	200	100
	.90	4000	4000	3300	2700	2400	2000	1900	1800	1200	1000	900	800
	.50	3400	3400	2700	2300	2000	1800	1700	1400	1100	900	800	600
	.10	3100	2700	2300	2000	1900	1800	1400	1300	1000	800	600	400
	.90	3500	2700	2300	2200	1900	1800	1500	1400	1100	800	700	600
	.50	3400	2700	2300	2000	1900	1800	1400	1200	1000	700	500	400
5200	.10	3100	2400	2000	1800	1600	1400	1100	900	700	400	200	0
	.90	3600	2700	2400	2400	2000	1900	1700	1500	1100	1000	800	700
	.50	3400	2700	2300	2100	2000	1800	1500	1400	1000	800	700	500
	.10	3100	2500	2000	1800	1600	1500	1200	1000	700	400	300	100
	.90	4000	4000	3300	3200	2400	2300	1900	1800	1200	1100	900	800
	.50	3500	3400	2700	2700	2100	2000	1900	1800	1100	800	700	600
	.10	3200	2500	2200	2000	1800	1600	1500	1300	800	500	400	200
	.90	3500	2700	2400	2300	2000	1800	1700	1400	1100	900	800	600
	.50	3400	2700	2300	2000	1900	1800	1400	1300	1000	700	600	400
	.10	3100	2500	2000	1800	1600	1500	1200	1000	700	400	200	0
5300	.90	3700	2900	2700	2400	2000	1900	1800	1700	1100	1000	800	700
	.50	3400	2900	2300	2300	2000	1900	1700	1400	1100	800	700	500
	.10	3100	2500	2000	2000	1800	1500	1300	1100	800	500	300	100
	.90	4100	4100	3300	3300	2500	2300	2000	1900	1300	1100	1000	800
	.50	3600	3500	2700	2700	2300	2000	1900	1800	1100	900	700	600
	.10	3300	2600	2300	2000	1800	1600	1500	1400	800	500	400	200

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5400	.90	3500	2700	2400	2300	2000	1900	1700	1500	1100	900	800	600	
	.50	3400	2700	2300	2300	2000	1800	1600	1400	1000	800	600	500	
	.10	3100	2500	2000	2000	1800	1500	1200	1000	800	500	300	100	
	.50	.90	3700	3200	2700	2400	2300	1900	1800	1700	1100	1000	900	800
		.50	3500	3100	2500	2300	2000	1900	1800	1500	1100	800	700	500
	.10	.90	3200	2500	2000	2000	1800	1600	1400	1200	800	500	300	200
		.50	4100	4100	3300	3300	2600	2300	2000	1900	1400	1100	1000	900
	5500	.90	3600	3500	2700	2700	2300	2000	1900	1900	1200	900	800	700
		.10	3300	2900	2400	2200	1800	1600	1500	1500	800	600	400	200
		.90	.90	3500	2700	2400	2300	2000	1900	1800	1700	1100	1000	800
.50			3400	2700	2300	2300	2000	1900	1800	1400	1100	800	700	500
.10		.90	3100	2500	2000	2000	1800	1500	1300	1200	800	500	300	100
		.50	3800	3200	2700	2600	2300	2000	1900	1800	1200	1000	900	800
.90		.90	3600	3200	2700	2300	2000	1900	1800	1700	1100	800	700	600
		.10	3300	2600	2200	2000	1800	1600	1500	1300	800	500	400	200
5600		.90	4200	4200	3300	3300	2700	2400	2300	2000	1400	1100	1000	900
		.50	3600	3600	2700	2700	2500	2000	2000	1900	1200	900	800	700
	.10	.90	3300	2900	2500	2200	2000	1800	1500	1500	800	600	400	300
		.50	3600	2900	2700	2400	2000	1900	1800	1700	1100	1000	800	700
	.90	.90	3500	2900	2500	2300	2000	1900	1800	1500	1100	800	700	500
		.10	3200	2600	2200	2000	1800	1600	1500	1200	800	500	400	200
	.90	.90	3800	3500	2700	2600	2300	2000	1900	1800	1200	1100	900	800
		.50	3600	3200	2700	2500	2100	2000	1900	1800	1100	900	700	600
	5700	.90	4200	4200	3300	3300	2700	2400	2300	2000	1500	1100	1000	900
		.50	3700	3600	2700	2700	2500	2100	2000	1900	1300	1000	800	700
.10		.90	3400	2900	2500	2400	2000	1800	1600	1500	900	600	400	300
		.50	3700	3200	2700	2500	2300	1900	1900	1800	1200	1000	900	800
.90		.90	3600	2900	2700	2300	2000	1900	1800	1800	1100	800	700	500
		.10	3300	2600	2400	2000	1800	1600	1500	1300	800	500	400	200
.90		.90	3800	3700	2700	2700	2400	2000	1900	1900	1300	1100	1000	800
		.50	3600	3200	2700	2500	2300	2000	1900	1800	1100	900	800	600
.10		.90	3300	2900	2500	2200	2000	1700	1500	1500	800	600	400	200
		.50	4200	4200	3300	3300	2700	2400	2300	2000	1500	1100	1000	900

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3700	3200	2700	2600	2300	2000	1900	1800	1200	1000	900	800
	.50	3600	3200	2700	2500	2100	2000	1900	1800	1100	900	700	600
	.10	3300	2900	2500	2200	1800	1600	1500	1500	800	500	400	200
	.90	3900	3800	2700	2700	2400	2300	2000	1900	1400	1100	1000	900
	.50	3700	3300	2700	2500	2300	2000	1900	1800	1200	900	800	700
	.10	3400	2900	2500	2200	2000	1800	1600	1500	800	600	400	300
	.90	4300	4300	3900	3300	2700	2500	2400	2300	1700	1200	1100	1000
	.50	3900	3700	3300	2700	2700	2300	2000	2000	1400	1000	900	800
	.10	3600	3100	2500	2500	2100	1800	1600	1500	900	700	500	400
5900	.90	3700	3500	2700	2700	2400	2000	1900	1800	1300	1000	900	800
	.50	3600	3200	2700	2500	2300	2000	1900	1800	1100	900	700	600
	.10	3300	2900	2500	2200	2000	1800	1600	1500	800	600	400	200
	.90	3900	3800	3200	2700	2600	2300	2000	1900	1400	1100	1000	900
	.50	3700	3400	2700	2700	2300	2000	2000	1900	1200	1000	800	700
	.10	3400	3100	2500	2200	2000	1800	1600	1500	900	600	400	300
	.90	4300	4300	4000	3900	3300	2600	2500	2400	1800	1200	1100	1000
	.50	3900	3700	3400	3300	2700	2500	2100	2000	1600	1100	900	800
	.10	3600	3400	2500	2500	2200	2000	1800	1600	1100	700	500	400
6000	.90	3800	3700	2700	2700	2400	2000	2000	1900	1300	1100	1000	800
	.50	3700	3200	2700	2700	2300	2000	1900	1800	1100	900	800	700
	.10	3400	2900	2500	2200	2000	1800	1600	1500	800	600	400	300
	.90	4000	4000	3300	2800	2600	2300	2000	2000	1500	1100	1000	900
	.50	3900	3400	2700	2700	2500	2100	2000	1900	1300	1000	800	700
	.10	3600	3100	2500	2400	2000	1800	1600	1500	900	700	500	300
	.90	4400	4400	4000	4000	3300	2700	2600	2500	1800	1200	1100	1000
	.50	4000	3800	3500	3400	2800	2700	2300	2000	1800	1100	900	800
	.10	3700	3400	2600	2500	2200	2000	1800	1800	1200	800	600	400
6100	.90	3900	3800	2700	2700	2500	2300	2000	1900	1400	1100	1000	900
	.50	3900	3400	2700	2700	2300	2000	1900	1900	1200	1000	800	700
	.10	3600	3100	2500	2400	2000	1800	1600	1500	900	700	500	300
	.90	4000	4000	3300	2800	2600	2300	2000	2000	1500	1100	1000	900
	.50	3900	3400	2700	2700	2500	2100	2000	1900	1300	1000	800	700
	.10	3600	3100	2500	2400	2000	1800	1600	1500	900	700	500	300
	.90	4000	4000	3300	3300	2700	2400	2300	2000	1600	1200	1100	1000
	.50	3900	3700	2800	2700	2500	2300	2000	1900	1400	1000	800	700
	.10	3600	3400	2500	2500	2200	1800	1600	1600	900	700	500	400
	.90	4400	4400	4000	4000	3900	2800	2600	2500	1800	1300	1100	1000
	.50	4000	3800	3500	3400	2700	2500	2300	2000	1600	1100	1000	900
	.10	3700	3400	2600	2500	2200	2000	1800	1600	900	700	500	400
6000	.90	3900	3800	2700	2700	2500	2300	2000	1900	1400	1100	1000	900
	.50	3900	3400	2700	2700	2300	2000	1900	1800	1200	1000	800	700
	.10	3600	3100	2500	2400	2000	1800	1600	1500	900	700	500	300
	.90	4000	4000	3300	3300	2700	2400	2300	2000	1600	1100	1000	900
	.50	3900	3700	2800	2700	2500	2300	2000	1900	1400	1000	800	700
	.10	3600	3400	2500	2500	2200	1800	1600	1600	900	700	500	400
	.90	4400	4400	4000	4000	3900	2800	2600	2500	1800	1300	1100	1000
	.50	4000	3800	3500	3400	2700	2500	2300	2000	1600	1100	1000	900
	.10	3700	3400	2600	2500	2200	2000	1800	1600	900	700	500	400
6100	.90	3900	3800	2700	2700	2500	2300	2000	1900	1400	1100	1000	900
	.50	3900	3400	2700	2700	2300	2000	1900	1800	1200	1000	800	700
	.10	3600	3100	2500	2400	2000	1800	1600	1500	900	700	500	300
	.90	4000	4000	3300	3300	2700	2400	2300	2000	1600	1100	1000	900
	.50	3900	3700	2800	2700	2500	2300	2000	1900	1400	1000	800	700
	.10	3600	3400	2500	2500	2200	1800	1600	1600	900	700	500	400
	.90	4400	4400	4000	4000	3900	2800	2600	2500	1800	1300	1100	1000
	.50	4000	3800	3500	3400	2700	2500	2300	2000	1600	1100	1000	900
	.10	3700	3400	2600	2500	2200	2000	1800	1600	900	700	500	400
6000	.90	3900	3800	2700	2700	2500	2300	2000	1900	1400	1100	1000	900
	.50	3900	3400	2700	2700	2300	2000	1900	1800	1200	1000	800	700
	.10	3600	3100	2500	2400	2000	1800	1600	1500	900	700	500	300
	.90	4000	4000	3300	3300	2700	2400	2300	2000	1600	1100	1000	900
	.50	3900	3700	2800	2700	2500	2300	2000	1900	1400	1000	800	700
	.10	3600	3400	2500	2500	2200	1800	1600	1600	900	700	500	400
	.90	4400	4400	4000	4000	3900	2800	2600	2500	1800	1300	1100	1000
	.50	4000	3800	3500	3400	2700	2500	2300	2000	1600	1100	1000	900
	.10	3700	3400	2600	2500	2200	2000	1800	1600	900	700	500	400

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3900	3800	2700	2700	2600	2300	2000	1900	1400	1100	1000	900
	.50	3900	3500	2700	2700	2300	2000	2000	1900	1300	1000	800	700
	.10	3600	3200	2500	2500	2000	1800	1600	1500	900	700	500	300
	.90	4100	4100	3300	3300	2700	2500	2300	2000	1700	1200	1000	1000
	.50	4000	3700	2800	2700	2700	2300	2000	2000	1400	1000	900	800
	.10	3700	3400	2500	2500	2200	2000	1800	1600	1100	700	500	400
	.90	4500	4500	4000	4000	3900	3200	2600	2500	1900	1300	1100	1000
	.50	4400	3900	3500	3400	3300	2700	2500	2300	1800	1100	1000	800
	.10	4100	3400	2700	2500	2200	2200	2000	1800	1300	800	600	400
6300	.90	4000	3800	2800	2700	2600	2300	2000	2000	1500	1100	1000	900
	.50	4000	3700	2600	2700	2500	2200	2000	1900	1400	1000	800	700
	.10	3700	3400	2500	2500	2200	1800	1800	1600	900	700	500	400
	.90	4100	4100	3300	3300	2700	2500	2300	2300	1700	1200	1100	1000
	.50	4000	3700	3200	2700	2700	2300	2100	2000	1500	1000	900	800
	.10	3700	3400	2600	2500	2200	2000	1800	1600	1200	800	500	400
6400	.90	4500	4500	4000	4000	3900	3300	2700	2600	1900	1300	1100	1100
	.50	4400	3900	3600	3400	3300	2700	2500	2300	1800	1100	1000	900
	.10	4100	3400	2900	2600	2400	2200	2000	2000	1400	800	700	500
	.90	4000	3900	3200	2700	2600	2300	2300	2000	1600	1100	1000	1000
	.50	4000	3700	2800	2700	2500	2300	2000	1900	1400	1000	900	700
	.10	3700	3400	2600	2500	2200	2000	1800	1600	1100	700	500	400
	.90	4400	4200	3300	3300	2700	2600	2400	2300	1800	1200	1100	1000
	.50	4400	3700	3200	2700	2700	2300	2300	2000	1600	1000	900	800
	.10	4100	3400	2600	2500	2200	2000	1800	1600	1200	800	600	400
	.90	5100	4600	4000	4000	3900	3300	2700	2600	1900	1400	1200	1100
	.50	5000	4000	3700	3400	3300	2700	2500	2300	1900	1200	1000	900
	.10	4700	3400	2900	2600	2500	2200	2100	2000	1500	800	700	500
6500	.90	4400	3900	3300	2800	2700	2400	2300	2000	1700	1200	1100	1000
	.50	4400	3700	3200	2700	2500	2300	2000	2000	1400	1000	900	800
	.10	4100	3400	2600	2500	2200	2000	1800	1600	1200	800	500	400
	.90	4400	4200	3300	3300	2700	2600	2400	2300	1700	1200	1100	1000
	.50	4400	3700	3200	2700	2500	2300	2000	2000	1400	1000	900	800
	.10	4100	3400	2600	2500	2200	2000	1800	1600	1200	800	500	400
	.90	4400	4200	3300	3300	2700	2600	2400	2300	1800	1200	1100	1000
	.50	4400	3700	3200	2700	2700	2500	2300	2000	1800	1100	900	800
	.10	4100	3400	2900	2500	2200	2000	1800	1800	1300	800	600	400
	.90	5100	4600	4000	4000	3900	3300	2700	2600	2000	1500	1200	1100
	.50	5000	4000	3700	3500	3300	2700	2700	2500	1900	1200	1000	900
	.10	4700	3400	2900	2500	2200	2000	1800	1600	1200	800	700	500
	.90	4400	4200	3300	3300	2700	2600	2400	2300	1800	1200	1100	1000
	.50	4400	3700	3200	2700	2500	2300	2000	2000	1400	1000	900	800
	.10	4100	3400	2600	2500	2200	2000	1800	1600	1200	800	500	400
	.90	4400	4200	3300	3300	2700	2600	2400	2300	1800	1200	1100	1000
	.50	4400	3700	3200	2700	2700	2500	2300	2000	1800	1100	900	800
	.10	4100	3400	2900	2500	2200	2000	1800	1800	1300	800	600	400
	.90	5100	4600	4000	4000	3900	3300	2700	2600	2000	1500	1200	1100
	.50	5000	4000	3700	3500	3300	2700	2700	2500	1900	1200	1000	900
	.10	4700	3400	2900	2500	2200	2000	1800	1600	1200	800	700	500
	.90	4400	4200	3300	3300	2700	2600	2400	2300	1800	1200	1100	1000
	.50	4400	3700	3200	2700	2500	2300	2000	2000	1400	1000	900	800
	.10	4100	3400	2600	2500	2200	2000	1800	1600	1200	800	500	400
	.90	4400	4200	3300	3300	2700	2600	2400	2300	1800	1200	1100	1000
	.50	4400	3700	3200	2700	2500	2300	2000	2000	1400	1000	900	800
	.10	4100	3400	2900	2500	2200	2000	1800	1600	1200	800	500	400
	.90	5100	4600	4000	4000	3900	3300	2700	2600	2000	1500	1200	1100
	.50	5000	4000	3700	3500	3300	2700	2700	2500	1900	1200	1000	900
	.10	4700	3400	2900	2500	2200	2000	1800	1600	1200	800	700	500

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6600	.90	4400	4000	3300	3200	2700	2500	2300	2300	1700	1200	1100	1000
	.50	4400	3700	3200	2700	2700	2300	2300	2000	1600	1000	900	800
	.10	4100	3400	2900	2500	2200	2000	1800	1800	1200	800	600	400
	.90	5100	4200	3800	3300	2700	2600	2500	2400	1800	1300	1100	1000
	.50	5000	3700	3400	2800	2700	2500	2300	2100	1800	1100	1000	800
	.10	4700	3400	2900	2500	2200	2000	2000	1800	1300	800	600	500
	.90	5100	4700	4000	4000	3900	3300	2700	2600	2000	1500	1200	1100
	.50	5000	4100	3700	3500	3300	2700	2700	2500	1900	1300	1000	900
	.10	4700	3400	3100	2900	2500	2200	2100	2000	1500	900	700	600
	.90	4400	4000	3300	3300	2700	2600	2600	2400	1800	1200	1100	1000
6700	.90	4400	3700	3200	2700	2700	2500	2300	2000	1700	1100	900	800
	.50	4400	3400	2900	2500	2200	2000	2000	1800	1300	800	600	400
	.10	4100	3400	2900	2500	2200	2000	2000	1800	1300	800	600	400
	.90	5100	4300	3900	3300	3200	2700	2600	2400	1900	1300	1100	1000
	.50	5000	3700	3700	3200	2700	2500	2300	2300	1800	1100	1000	900
	.10	4700	3400	2900	2600	2400	2200	2000	1800	1400	800	700	500
	.90	5200	4700	4000	4000	3900	3300	2700	2600	2000	1600	1200	1100
	.50	5100	4100	3700	3500	3300	2700	2700	2500	1900	1400	1000	900
	.10	4800	3800	3100	2900	2500	2200	2200	2000	1500	900	700	600
	.90	5100	4100	3500	3300	2700	2600	2600	2400	1800	1200	1100	1000
6800	.90	5000	3700	3400	2800	2700	2500	2300	2100	1800	1100	900	800
	.50	4700	3400	2900	2500	2300	2000	2000	1800	1300	800	600	500
	.10	4700	3400	3100	2600	2500	2200	2200	2000	1500	800	600	500
	.90	5100	4300	4000	3900	3300	2700	2600	2500	1900	1400	1100	1100
	.50	5000	3700	3700	3400	2700	2700	2500	2300	1900	1200	1000	900
	.10	4700	3400	3100	2600	2500	2200	2000	2000	1500	800	700	600
	.90	5000	3700	3700	3400	2700	2700	2500	2300	1900	1200	1000	900
	.50	4700	3400	3100	2600	2500	2200	2200	2000	1500	800	700	600
	.10	5200	4800	4100	4000	3900	3300	2700	2700	2300	1700	1300	1100
	.90	5100	4200	4100	3500	3300	2700	2700	2500	2000	1400	1000	900
6900	.90	4800	3800	3100	3000	2500	2200	2200	2000	1500	900	800	600
	.50	5100	4100	3500	3300	2700	2600	2500	2300	1800	1300	1100	1000
	.10	5000	3700	3400	2900	2700	2500	2300	2300	1800	1100	1000	900
	.90	5100	4100	3500	3300	2700	2600	2500	2300	1800	1300	1100	1000
	.50	5000	3700	3400	2900	2700	2500	2300	2300	1800	1100	1000	900
	.10	4700	3400	2900	2600	2400	2200	2000	1800	1400	800	700	500
	.90	5200	4400	4000	4000	3800	2700	2600	2600	2000	1500	1200	1100
	.50	5100	4100	3700	3400	3300	2700	2700	2500	1900	1300	1000	900
	.10	4800	3800	3100	2600	2500	2200	2200	2000	1500	900	700	600
	.90	5300	4800	4800	4200	3900	3300	3200	2700	2300	1700	1300	1100
6900	.90	5200	4200	4200	4100	3500	3200	2700	2500	2000	1500	1100	1000
	.50	4900	3800	3400	3000	2600	2400	2200	2100	1500	1000	800	600
	.10	4900	3800	3400	3000	2600	2400	2200	2000	1500	1000	800	600
	.90	5200	4400	4000	4000	3800	2700	2600	2600	2000	1500	1200	1100
	.50	5100	4100	3700	3400	3300	2700	2700	2300	1900	1300	1000	900
	.10	4800	3800	3100	2600	2500	2200	2200	2000	1500	900	700	600
	.90	5300	4800	4800	4200	3900	3300	3200	2700	2300	1700	1300	1100
	.50	5200	4200	4200	4100	3500	3200	2700	2500	2000	1500	1100	1000
	.10	4900	3800	3400	3000	2600	2400	2200	2100	1500	1000	800	600

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - MARCH

Q		SPAWNING INCUBATION											
EXC.	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000	.90	5100	4200	3800	3300	2800	2600	2600	2400	1900	1300	1100	1000
	.50	5000	4100	3600	3200	2700	2500	2300	2300	1800	1100	1000	900
	.10	4700	3800	3100	2600	2400	2200	2000	2000	1500	800	700	500
	.90	5200	4400	4000	4000	3900	3300	2700	2600	2000	1600	1200	1100
	.50	5100	4100	3700	3400	3400	2700	2700	2500	1900	1400	1000	900
	.10	4800	3800	3100	2900	2500	2200	2200	2000	1500	900	700	600
	.90	5300	4800	4800	4800	4000	3900	3300	2700	2300	1800	1300	1100
	.50	5300	4200	4200	4200	3700	3300	2700	2700	2000	1600	1100	1000
	.10	5000	3800	3400	3000	3000	2500	2200	2200	1600	1200	800	700



TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	600	500	400	400	400	200	100	0	0	0	0	0
	.50	500	400	300	300	300	100	0	0	0	0	0	0
	.10	300	200	100	0	0	0	0	0	0	0	0	0
	.90	700	700	500	400	400	200	100	100	0	0	0	0
	.50	600	600	400	300	300	100	0	0	0	0	0	0
	.10	400	400	200	100	100	0	0	0	0	0	0	0
	.90	800	800	700	500	500	400	200	200	0	0	0	0
	.50	700	700	600	400	400	300	100	100	0	0	0	0
	.10	500	500	400	200	200	100	0	0	0	0	0	0
1900	.90	700	700	500	400	400	200	100	0	0	0	0	0
	.50	600	600	400	300	300	100	0	0	0	0	0	0
	.10	400	400	200	100	100	0	0	0	0	0	0	0
	.90	700	700	600	400	400	200	100	100	0	0	0	0
	.50	600	600	500	300	300	100	0	0	0	0	0	0
	.10	400	400	300	100	100	0	0	0	0	0	0	0
	.90	800	800	800	600	600	400	300	200	0	0	0	0
	.50	700	700	700	500	500	300	200	100	0	0	0	0
	.10	500	500	400	300	300	100	0	0	0	0	0	0
	.90	700	700	500	400	400	200	100	100	0	0	0	0
	.50	600	600	400	300	300	100	0	0	0	0	0	0
	.10	400	400	300	100	100	0	0	0	0	0	0	0
	.90	800	800	800	600	600	400	300	200	0	0	0	0
	.50	700	700	700	500	500	300	200	100	0	0	0	0
	.10	500	500	400	300	300	100	0	0	0	0	0	0
	.90	700	700	500	400	400	200	100	100	0	0	0	0
	.50	600	600	400	300	300	100	0	0	0	0	0	0
	.10	400	400	300	100	100	0	0	0	0	0	0	0
	.90	1000	900	800	700	700	500	400	200	0	0	0	0
	.50	900	800	800	600	600	400	300	100	0	0	0	0
	.10	700	700	500	400	400	200	100	0	0	0	0	0
	.90	800	800	800	600	600	400	300	200	0	0	0	0
	.50	700	700	700	500	500	300	200	100	0	0	0	0
	.10	500	500	400	300	300	100	0	0	0	0	0	0
	.90	700	700	500	400	400	200	100	100	0	0	0	0
	.50	600	600	400	300	300	100	0	0	0	0	0	0
	.10	400	400	300	100	100	0	0	0	0	0	0	0
	.90	800	800	800	600	600	400	300	200	0	0	0	0
	.50	700	700	700	500	500	300	200	100	0	0	0	0
	.10	500	500	400	300	300	100	0	0	0	0	0	0
	.90	1100	900	800	700	700	500	400	200	0	0	0	0
	.50	1000	800	800	600	600	400	300	200	0	0	0	0
	.10	700	700	500	400	400	200	100	0	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHINOOK:  
 SPAWNING MONTH -- SEPTEMBER INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	800	800	800	700	600	400	200	200	0	0	0	0
	.50	700	700	700	600	500	300	100	100	0	0	0	0
	.10	500	500	500	400	300	100	0	0	0	0	0	0
	.90	1000	900	800	800	700	500	400	200	0	0	0	0
	.50	900	800	700	700	600	400	300	100	0	0	0	0
	.10	600	500	500	500	300	200	0	0	0	0	0	0
	.90	1400	1100	800	800	700	600	400	400	100	0	0	0
	.50	1000	1000	700	700	600	500	300	500	0	0	0	0
	.10	700	700	500	500	400	200	100	0	0	0	0	0
2300	.90	1000	800	800	800	700	400	300	200	0	0	0	0
	.50	900	700	700	700	600	300	200	100	0	0	0	0
	.10	600	500	500	500	300	100	0	0	0	0	0	0
	.90	1100	900	800	800	700	500	400	300	0	0	0	0
	.50	1000	800	700	700	600	400	300	200	0	0	0	0
	.10	700	500	500	500	400	200	100	0	0	0	0	0
	.90	1400	1100	900	800	800	600	500	400	100	0	0	0
	.50	1100	1000	800	700	700	500	400	300	0	0	0	0
	.10	800	700	500	500	400	300	100	0	0	0	0	0
2400	.90	1100	900	800	800	700	500	400	200	0	0	0	0
	.50	1000	800	700	700	600	400	300	100	0	0	0	0
	.10	700	500	500	500	400	200	0	0	0	0	0	0
	.90	1100	1100	800	800	700	500	400	400	0	0	0	0
	.50	1000	1000	700	700	600	400	300	300	0	0	0	0
	.10	700	700	500	500	400	200	100	0	0	0	0	0
	.90	1400	1100	1000	800	800	700	500	400	200	0	0	0
	.50	1200	1000	900	700	700	600	400	300	0	0	0	0
	.10	900	800	600	500	500	300	200	100	0	0	0	0
2500	.90	1100	1000	800	800	700	500	400	300	0	0	0	0
	.50	1000	900	700	700	600	400	300	200	0	0	0	0
	.10	700	600	500	500	400	200	100	0	0	0	0	0
	.90	1200	1100	900	800	800	600	500	400	100	0	0	0
	.50	1100	1000	800	700	700	500	400	300	0	0	0	0
	.10	800	700	500	500	400	300	100	0	0	0	0	0
	.90	1400	1100	1100	900	800	700	600	400	100	0	0	0
	.50	1200	1000	1000	800	700	600	400	300	0	0	0	0
	.10	900	800	700	500	500	300	200	100	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHINOOK:  
 SPawning MONTH -- SEPTEMBER INCUBATION MONTH -- APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1100	1100	900	800	700	600	400	400	0	0	0	0
	.50	1000	1000	800	700	600	500	300	300	0	0	0	0
	.10	800	700	500	500	400	300	100	0	0	0	0	0
	.90	1300	1100	1000	800	800	700	500	400	100	0	0	0
	.50	1200	1000	900	700	700	600	400	300	0	0	0	0
	.10	900	800	600	500	500	300	200	100	0	0	0	0
	.90	1400	1100	1100	900	800	700	700	500	200	0	0	0
	.50	1300	1000	1000	800	700	600	500	400	100	0	0	0
	.10	1000	800	700	500	500	400	300	200	0	0	0	0
2700	.90	1200	1100	900	800	800	700	500	400	100	0	0	0
	.50	1100	1000	800	700	700	600	400	300	0	0	0	0
	.10	800	800	600	500	400	300	200	100	0	0	0	0
	.90	1300	1100	1100	900	800	700	600	400	200	0	0	0
	.50	1200	1000	1000	800	700	600	400	300	0	0	0	0
	.10	900	800	700	500	500	400	200	100	0	0	0	0
	.90	1400	1100	1100	1000	800	800	700	600	200	0	0	0
	.50	1300	1000	1000	900	700	600	600	400	100	0	0	0
	.10	1000	800	700	600	500	400	300	200	0	0	0	0
2800	.90	1300	1100	1100	900	800	700	500	400	100	0	0	0
	.50	1200	1000	1000	800	700	600	400	300	0	0	0	0
	.10	900	800	700	500	500	400	200	100	0	0	0	0
	.90	1400	1100	1100	1000	800	800	700	600	200	0	0	0
	.50	1300	1000	1000	900	700	600	600	400	100	0	0	0
	.10	1000	800	700	600	500	400	300	200	0	0	0	0
	.90	2000	1300	1100	1100	800	800	700	700	400	100	0	0
	.50	1400	1000	1000	900	700	700	600	500	100	0	0	0
	.10	1000	800	700	700	500	400	300	300	0	0	0	0
	.90	1300	1100	1100	900	800	700	600	500	200	0	0	0
	.50	1200	1000	1000	800	700	600	500	400	0	0	0	0
	.10	900	800	700	500	500	400	300	100	0	0	0	0
	.90	1400	1100	1100	1000	800	700	700	500	200	0	0	0
	.50	1300	1000	1000	900	700	600	600	400	100	0	0	0
	.10	1000	800	700	600	500	400	300	200	0	0	0	0
2900	.90	2000	1300	1100	1100	900	800	700	600	400	0	0	0
	.50	1400	1000	1000	900	700	700	600	500	100	0	0	0
	.10	1000	800	700	700	500	400	300	300	0	0	0	0
	.90	1300	1100	1100	900	800	700	600	500	200	0	0	0
	.50	1200	1000	1000	800	700	600	500	400	0	0	0	0
	.10	900	800	700	500	500	400	300	100	0	0	0	0
	.90	1400	1100	1100	1000	800	700	700	500	200	0	0	0
	.50	1300	1000	1000	900	700	600	600	400	100	0	0	0
	.10	1000	800	700	600	500	400	300	200	0	0	0	0
	.90	2000	1300	1100	1100	900	800	700	700	400	100	0	0
	.50	1700	1000	1000	1000	700	700	600	600	200	0	0	0
	.10	1400	800	800	700	500	400	300	300	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPANING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1400	1100	1100	1000	800	700	700	500	200	0	0	0
	.50	1300	1000	1000	900	700	600	600	400	100	0	0	0
	.10	1000	800	700	600	500	400	300	200	0	0	0	0
	.90	1400	1100	1100	1000	800	800	700	600	200	0	0	0
	.50	1300	1000	1000	900	700	700	600	500	100	0	0	0
	.10	1000	800	700	700	500	400	300	300	0	0	0	0
	.90	2000	1800	1100	1100	900	800	800	700	400	200	0	0
	.50	1800	1400	1000	1000	800	700	600	600	300	0	0	0
	.10	1500	1100	800	700	500	500	400	300	0	0	0	0
3100	.90	1400	1100	1100	1000	800	700	700	600	200	0	0	0
	.50	1300	1000	1000	900	700	600	600	400	100	0	0	0
	.10	1000	800	700	700	500	400	300	200	0	0	0	0
	.90	1800	1100	1100	1100	800	800	700	700	400	100	0	0
	.50	1700	1000	1000	1000	700	700	600	600	200	0	0	0
	.10	1400	800	800	700	500	400	400	300	0	0	0	0
	.90	2000	1900	1400	1100	1000	800	800	700	500	200	0	0
	.50	1800	1700	1200	1000	800	700	600	600	300	0	0	0
	.10	1500	1400	800	800	600	500	400	400	0	0	0	0
3200	.90	1800	1100	1100	1100	800	800	700	600	200	0	0	0
	.50	1700	1000	1000	1000	700	700	600	500	100	0	0	0
	.10	1400	800	800	700	500	400	400	300	0	0	0	0
	.90	1900	1400	1100	1100	900	800	700	700	400	100	0	0
	.50	1800	1300	1000	1000	800	700	600	600	300	0	0	0
	.10	1500	1100	800	700	500	500	400	300	0	0	0	0
	.90	2000	1900	1400	1100	1100	900	800	800	500	200	100	0
	.50	1800	1700	1300	1000	900	700	700	600	300	100	0	0
	.10	1500	1400	1100	800	700	500	400	400	0	0	0	0
3300	.90	1900	1400	1100	1100	900	800	700	700	400	100	0	0
	.50	1800	1300	1000	1000	800	700	600	600	200	0	0	0
	.10	1500	1100	800	700	500	500	400	300	0	0	0	0
	.90	1900	1800	1100	1100	900	800	800	700	400	200	0	0
	.50	1800	1700	1000	1000	800	700	600	600	300	0	0	0
	.10	1500	1400	800	800	600	500	400	400	0	0	0	0
	.90	2000	1900	1400	1300	1100	900	800	800	600	300	100	0
	.50	1900	1700	1300	1000	1000	700	700	600	400	100	0	0
	.10	1600	1400	1100	800	700	500	400	400	0	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	1900	1800	1100	1100	900	800	700	700	400	100	0	0
	.50	1800	1700	1000	1000	800	700	600	600	300	0	0	0
	.10	1500	1400	800	800	500	500	400	300	0	0	0	0
	.90	1900	1800	1400	1100	1000	800	800	700	500	200	0	0
	.50	1800	1700	1300	1000	900	700	700	600	300	0	0	0
	.10	1500	1400	1100	800	700	500	400	400	0	0	0	0
	.90	2000	1900	1400	1300	1100	900	900	800	600	300	200	0
	.50	1900	1800	1300	1000	1000	800	700	700	400	100	0	0
	.10	1600	1500	1100	800	700	500	500	400	100	0	0	0
3500	.90	1900	1800	1400	1100	1000	800	800	700	400	200	0	0
	.50	1800	1700	1300	1000	900	700	700	600	300	0	0	0
	.10	1500	1400	1100	800	700	500	400	400	0	0	0	0
	.90	2000	1800	1400	1100	1100	900	800	800	500	200	100	0
	.50	1900	1700	1300	1000	1000	700	700	600	300	100	0	0
	.10	1600	1400	1100	800	700	500	400	400	100	0	0	0
3600	.90	2300	2000	1600	1400	1100	1000	900	800	700	400	200	100
	.50	2200	1800	1400	1300	1000	800	700	700	500	200	0	0
	.10	1900	1500	1100	800	700	500	500	400	200	0	0	0
	.90	1900	1800	1400	1100	1100	800	800	700	400	200	0	0
	.50	1800	1700	1300	1000	1000	700	700	600	300	0	0	0
	.10	1500	1400	1100	800	700	500	400	400	100	0	0	0
	.90	2000	1900	1400	1300	1100	900	800	800	600	200	100	0
	.50	1900	1800	1300	1000	1000	800	700	700	400	100	0	0
	.10	1600	1500	1100	800	700	500	500	400	100	0	0	0
3700	.90	2300	2000	1800	1400	1100	1100	900	900	700	400	200	100
	.50	2200	1800	1500	1200	1000	900	800	800	600	300	0	0
	.10	1900	1500	1200	1100	800	700	500	500	300	0	0	0
	.90	2000	1900	1400	1100	1100	900	800	800	500	200	0	0
	.50	1900	1800	1300	1000	1000	800	700	700	300	100	0	0
	.10	1600	1500	1100	800	700	500	500	400	100	0	0	0
	.90	2000	1900	1400	1300	1100	900	800	800	600	200	100	0
	.50	1900	1800	1300	1000	1000	800	700	700	400	100	0	0
	.10	1600	1500	1100	800	700	500	500	400	100	0	0	0
	.90	2300	1900	1400	1400	1100	1000	900	800	600	400	200	0
	.50	2200	1800	1300	1300	1000	800	700	700	500	100	0	0
	.10	1900	1500	1100	1100	700	500	500	400	200	0	0	0
	.90	2300	2100	1800	1400	1300	1100	1000	900	700	500	200	200
	.50	2200	2000	1700	1300	1000	1000	800	700	600	300	100	0
	.10	1900	1700	1400	1100	800	700	500	500	300	0	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	.90	2300	1900	1400	1400	1100	900	800	600	200	100	0
	.50	.50	2200	1800	1300	1000	800	700	700	400	100	0	0
	.10	.10	1900	1500	1100	700	500	500	400	200	0	0	0
	.90	.90	2300	2000	1700	1400	1100	900	800	700	400	200	0
	.50	.50	2200	1800	1500	1000	900	800	700	600	200	0	0
	.10	.10	1900	1500	1200	800	700	500	500	300	0	0	0
	.90	.90	2300	2300	1900	1600	1300	1000	900	700	500	300	200
	.50	.50	2200	2200	1700	1400	1000	900	800	600	300	100	0
	.10	.10	1900	1900	1400	1100	900	600	500	300	0	0	0
3900	.90	.90	2300	1900	1400	1400	1100	1000	800	600	300	100	0
	.50	.50	2200	1800	1500	1000	900	700	700	500	100	0	0
	.10	.10	1900	1500	1200	700	600	500	500	200	0	0	0
	.90	.90	2300	2100	1800	1400	1100	900	900	700	400	200	100
	.50	.50	2200	2000	1700	1000	800	800	700	600	300	100	0
	.10	.10	1900	1700	1400	800	700	500	500	300	0	0	0
	.90	.90	3000	2300	2000	1800	1300	1100	1000	800	600	400	200
	.50	.50	2400	2200	1700	1500	1200	900	800	600	300	200	0
	.10	.10	1900	1900	1400	1200	900	700	500	400	0	0	0
	.90	.90	2300	2100	1800	1400	1100	900	800	700	400	200	0
	.50	.50	2200	2000	1700	1000	900	800	700	600	200	0	0
	.10	.10	1900	1700	1400	800	700	500	500	300	0	0	0
	.90	.90	2300	2300	1800	1400	1300	1100	900	700	500	200	100
	.50	.50	2200	2200	1700	1200	1000	900	800	600	300	100	0
	.10	.10	1900	1900	1400	900	700	600	500	300	0	0	0
	.90	.90	3100	2300	2000	1900	1400	1200	1000	800	600	400	200
	.50	.50	2500	2200	1800	1300	1200	1000	900	700	400	200	100
	.10	.10	1900	1900	1400	900	700	600	500	300	0	0	0
	.90	.90	2300	2300	1800	1400	1300	1100	1000	800	600	400	200
	.50	.50	2200	2200	1700	1000	1000	900	700	600	300	100	0
	.10	.10	1900	1900	1400	800	700	500	500	300	0	0	0
	.90	.90	2300	2300	1800	1400	1100	900	900	700	400	200	100
	.50	.50	2200	2200	1700	1000	1000	800	700	600	300	100	0
	.10	.10	1900	1900	1400	800	700	500	500	300	0	0	0
	.90	.90	2300	2300	1900	1600	1300	1100	900	700	500	300	200
	.50	.50	2200	2200	1700	1000	1000	900	800	600	300	100	0
	.10	.10	1900	1900	1400	800	700	500	500	300	0	0	0
	.90	.90	2300	2300	1900	1600	1300	1100	900	700	500	300	200
	.50	.50	2200	2200	1700	1000	1000	900	800	600	300	100	0
	.10	.10	1900	1900	1400	900	700	500	500	300	0	0	0
	.90	.90	2300	2300	2000	1400	1300	1100	1100	800	600	500	300
	.50	.50	2600	2200	1900	1300	1000	1000	900	700	500	300	100
	.10	.10	2300	1900	1700	1100	800	700	600	400	100	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2300	1800	1400	1300	1100	1000	1000	900	700	400	200	100
	.50	2200	1700	1300	1200	1000	900	900	800	600	300	100	0
	.10	1900	1400	1100	900	700	600	600	500	300	0	0	0
	.90	2300	1900	1800	1300	1100	1100	1100	1000	800	600	400	200
	.50	2200	1800	1700	1200	1000	1000	1000	900	600	400	200	0
	.10	1900	1500	1400	900	700	700	700	600	400	100	0	0
	.90	3100	2000	2000	1600	1300	1100	1100	1100	800	700	500	300
	.50	2800	1900	1800	1400	1200	1000	1000	1000	700	500	300	100
	.10	2500	1700	1500	1100	800	700	700	700	400	200	0	0
4300	.90	2300	1900	1800	1300	1100	1100	1100	1000	700	500	200	200
	.50	2200	1800	1700	1200	1000	900	900	800	600	300	100	0
	.10	1900	1500	1400	900	700	700	700	500	400	0	0	0
	.90	2700	2000	1900	1400	1100	1100	1100	1000	800	600	400	200
	.50	2600	1900	1800	1300	1000	1000	1000	900	700	400	200	100
	.10	2300	1700	1500	1100	800	700	700	600	400	100	0	0
	.90	3200	2200	2000	1800	1400	1300	1300	1100	900	700	500	400
	.50	2800	1900	1900	1500	1200	1000	1000	1000	700	600	300	100
	.10	2500	1700	1500	1200	900	700	700	700	400	200	0	0
4400	.90	2700	2000	1900	1400	1100	1100	1100	1000	800	500	300	200
	.50	2600	1900	1800	1300	1000	1000	1000	900	600	400	100	0
	.10	2300	1700	1500	1100	800	700	700	600	400	100	0	0
	.90	2900	2000	1900	1400	1300	1100	1100	1100	800	600	400	200
	.50	2800	1900	1800	1300	1000	1000	1000	900	700	500	300	100
	.10	2500	1700	1500	1100	800	700	700	700	400	100	0	0
	.90	3300	2300	2000	1900	1400	1300	1300	1100	900	700	600	400
	.50	2900	2200	1900	1700	1300	1000	1000	1000	700	600	300	200
	.10	2600	1900	1700	1400	900	700	700	700	400	300	0	0
4500	.90	2900	2000	1900	1400	1200	1100	1100	1100	800	600	400	200
	.50	2800	1900	1800	1300	1000	1000	1000	900	700	600	300	200
	.10	2500	1700	1500	1100	800	700	700	700	400	100	0	0
	.90	2900	2000	1700	1500	1300	1100	1100	1100	800	700	600	400
	.50	2800	1900	1800	1400	1200	1000	1000	1000	700	600	300	200
	.10	2500	1700	1500	1100	800	700	700	700	400	100	0	0
	.90	2900	2000	2000	1600	1300	1100	1100	1100	800	700	600	400
	.50	2800	1900	1800	1400	1200	1000	1000	1000	700	500	300	100
	.10	2500	1700	1500	1100	900	700	700	700	400	200	0	0
	.90	3300	2300	2000	1900	1500	1300	1300	1200	900	700	600	400
	.50	2900	2000	1900	1700	1300	1200	1200	1000	800	700	600	300
	.10	2600	1900	1700	1400	900	700	700	700	400	200	0	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2900	2300	2000	1900	1500	1300	1100	1100	800	600	400	200
	.50	2800	2200	1900	1800	1400	1200	1000	1000	700	500	300	100
	.10	2500	1900	1700	1500	1100	900	700	700	400	200	0	0
	.90	3000	2300	2000	2000	1800	1300	1100	1100	900	700	500	300
	.50	2900	2200	1900	1900	1600	1200	1000	1000	700	600	300	100
	.10	2600	1900	1700	1700	1300	900	700	700	400	200	0	0
	.90	3400	2700	2300	2000	2000	1600	1400	1300	1000	800	600	500
	.50	3000	2600	2200	1900	1700	1400	1200	1000	800	600	400	300
	.10	2700	1900	1900	1700	1400	1100	800	700	500	300	0	0
4700	.90	3000	2300	2000	2000	1800	1300	1100	1100	800	700	400	200
	.50	2900	2200	1900	1900	1600	1200	1000	1000	700	500	300	100
	.10	2600	1900	1700	1700	1300	900	700	700	400	200	0	0
	.90	3000	2300	2000	2000	1800	1400	1300	1100	900	700	500	400
	.50	2900	2200	1900	1900	1700	1300	1000	1000	700	600	300	200
	.10	2600	1900	1700	1700	1400	1000	800	700	500	300	0	0
	.90	3400	2700	2300	2100	2000	1800	1400	1300	1000	800	700	500
	.50	3300	2600	2200	1900	1800	1500	1300	1200	800	600	400	300
	.10	3000	1900	1900	1700	1500	1100	900	800	500	300	100	0
4800	.90	3000	2300	2000	2000	1800	1300	1100	1100	900	700	500	300
	.50	2900	2200	1900	1900	1700	1200	1000	1000	700	600	300	100
	.10	2600	1900	1700	1700	1400	1000	800	700	400	300	0	0
	.90	3100	2300	2300	2000	1900	1400	1300	1100	900	700	600	400
	.50	3000	2200	2200	1900	1700	1300	1200	1000	800	600	300	200
	.10	2700	1900	1900	1700	1400	1100	800	700	500	300	0	0
	.90	3400	3200	2300	2300	2000	1800	1500	1400	1000	800	700	600
	.50	3300	2800	2200	1900	1800	1600	1300	1200	900	600	500	300
	.10	3000	1900	1900	1700	1500	1200	900	800	500	300	100	0
4900	.90	3100	2300	2300	2000	1800	1400	1300	1100	900	700	500	300
	.50	3000	2200	2200	1900	1700	1300	1000	1000	700	600	300	100
	.10	2700	1900	1900	1700	1400	1100	800	700	500	300	0	0
	.90	3400	2500	2300	2000	1900	1600	1300	1200	1000	700	600	400
	.50	3300	2400	2200	1900	1800	1400	1200	1000	800	600	400	300
	.10	3000	1900	1900	1700	1500	1100	900	700	500	300	0	0
	.90	3500	3200	2300	2300	2000	1900	1600	1400	1100	800	700	600
	.50	3300	2900	2200	1900	1800	1700	1400	1300	900	700	500	300
	.10	3000	2300	1900	1700	1500	1400	1100	800	600	300	100	0

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHINDOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		INCUBATION MONTH - APRIL															
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00				
5000	.90	3100	2300	2300	2000	1900	1400	1300	1100	900	700	500	400				
	.50	3000	2200	2200	1900	1800	1300	1200	1000	800	600	300	200				
	.10	2700	1900	1900	1700	1500	1100	900	700	500	300	0	0				
	.90	3400	2700	2300	2000	1900	1700	1400	1300	1000	800	600	500				
	.50	3300	2500	2200	1900	1800	1500	1300	1000	800	600	400	300				
	.10	3000	1900	1900	1700	1500	1200	900	800	500	300	100	0				
	.90	3500	3400	2700	2300	2000	2000	1800	1500	1100	900	700	600				
	.50	3300	2900	2300	2200	1900	1700	1500	1300	1000	700	600	400				
	.10	3000	2400	1900	1700	1500	1400	1200	900	600	400	200	0				
5100	.90	3400	2300	2300	2000	1900	1600	1300	1200	1000	700	600	400				
	.50	3300	2200	2200	1900	1800	1500	1200	1000	800	600	400	200				
	.10	3000	1900	1900	1700	1500	1200	900	800	500	300	0	0				
	.90	3400	2700	2300	2000	2000	1800	1500	1300	1000	800	700	500				
	.50	3300	2600	2200	1900	1800	1700	1300	1200	900	600	500	300				
	.10	3000	2300	1900	1700	1500	1400	1100	800	600	300	100	0				
	.90	3600	3600	2900	2400	2100	2000	1800	1600	1100	900	800	700				
	.50	3300	3000	2300	2200	1900	1800	1700	1400	1000	700	600	400				
	.10	3000	2400	1900	1900	1700	1400	1200	1100	700	400	200	0				
5200	.90	3400	2700	2300	2000	1900	1800	1400	1300	1000	800	600	400				
	.50	3300	2600	2200	1900	1800	1600	1300	1000	900	600	400	300				
	.10	3000	2300	1900	1700	1500	1300	1000	800	500	300	100	0				
	.90	3400	2700	2300	2000	2000	1800	1600	1400	1100	800	700	600				
	.50	3300	2600	2200	1900	1800	1700	1400	1200	900	700	500	300				
	.10	3000	2400	1900	1700	1500	1300	1000	900	600	300	200	0				
	.90	3600	3600	2900	2900	2300	2000	1900	1800	1100	900	800	700				
	.50	3400	3000	2400	2300	1900	1800	1700	1500	1000	700	600	500				
	.10	3100	2400	1900	1900	1700	1500	1300	1200	700	400	300	100				
5300	.90	3400	2700	2300	2000	2000	1800	1500	1300	1000	800	600	500				
	.50	3300	2600	2200	1900	1800	1700	1300	1200	900	600	500	300				
	.10	3000	2400	1900	1700	1500	1400	1100	900	600	300	200	0				
	.90	3600	3600	2900	2900	2300	2000	1900	1800	1100	900	800	700				
	.50	3400	3000	2400	2300	1900	1800	1700	1500	1000	700	600	500				
	.10	3100	2400	1900	1900	1700	1500	1300	1200	700	400	300	100				
	.90	3400	2700	2300	2000	2000	1800	1500	1300	1000	800	600	500				
	.50	3300	2600	2200	1900	1800	1700	1300	1200	900	600	500	300				
	.10	3000	2400	1900	1700	1500	1400	1100	900	600	300	100	0				
	.90	3400	2900	2300	2300	2000	1900	1800	1400	1100	900	700	600				
	.50	3300	2700	2200	2200	1900	1700	1500	1300	900	700	600	400				
	.10	3000	2400	1900	1900	1700	1400	1200	1000	700	400	200	0				
	.90	3700	3700	2900	2900	2300	2000	2000	1800	1200	1000	800	700				
	.50	3500	3100	2600	2300	2200	1800	1700	1700	1000	800	600	500				
	.10	3200	2500	2100	1900	1700	1500	1400	1200	700	400	300	100				

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3400	2700	2300	2300	2000	1800	1600	1400	1100	800	700	500
	.50	3300	2600	2200	2200	1900	1700	1400	1300	900	600	500	300
	.10	3000	2400	1900	1900	1700	1400	1100	900	700	400	200	0
	.90	3500	3200	2500	2300	2000	1900	1800	1600	1100	900	700	600
	.50	3400	2700	2400	2200	1900	1800	1700	1300	1000	700	600	400
	.10	3100	2400	1900	1900	1700	1500	1200	1100	700	400	200	0
	.90	3700	3700	2900	2900	2300	2100	2000	1900	1300	1000	800	700
	.50	3500	3100	2600	2400	2200	1900	1600	1700	1000	800	600	500
	.10	3200	2800	2300	2100	1700	1500	1400	1200	700	400	300	100
5500	.90	3400	2700	2300	2300	2000	1900	1800	1400	1100	800	700	600
	.50	3300	2600	2200	2200	1900	1700	1500	1300	900	700	500	300
	.10	3000	2400	1900	1900	1700	1400	1200	1100	700	400	200	0
	.90	3600	3200	2700	2300	2100	2000	1800	1700	1100	900	700	700
	.50	3500	2800	2600	2200	1900	1800	1700	1500	1000	700	600	400
	.10	3200	2500	2100	1900	1700	1500	1400	1200	700	400	300	100
	.90	3800	3800	2900	2900	2500	2100	2000	1900	1300	1000	900	800
	.50	3500	3200	2600	2400	2300	1900	1800	1700	1000	800	700	600
	.10	3200	2800	2400	2100	1900	1700	1400	1400	700	500	300	200
5600	.90	3500	2900	2500	2300	2000	1900	1800	1600	1100	900	700	600
	.50	3400	2700	2400	2200	1900	1800	1700	1400	1000	700	600	400
	.10	3100	2500	2100	1900	1700	1500	1400	1100	700	400	300	0
	.90	3600	3400	2700	2500	2300	2000	1900	1800	1100	900	800	700
	.50	3500	3100	2600	2400	1900	1800	1700	1700	1000	800	600	500
	.10	3200	2800	2300	2100	1700	1500	1400	1200	700	400	300	100
	.90	3800	3800	2900	2900	2500	2300	2000	2000	1300	1000	900	800
	.50	3600	3200	2600	2600	2300	1900	1800	1700	1200	900	700	600
	.10	3300	2800	2400	2100	1900	1700	1500	1400	700	500	300	200
5700	.90	3600	3100	2700	2300	2000	1900	1800	1800	1100	900	700	600
	.50	3500	2800	2600	2200	1900	1800	1700	1500	1000	700	600	400
	.10	3200	2500	2300	1900	1700	1500	1400	1200	700	400	300	100
	.90	3600	3400	2700	2300	2000	1900	1800	1800	1200	1000	800	700
	.50	3500	3100	2600	2400	2200	1900	1800	1700	1000	800	600	500
	.10	3200	2800	2400	2100	1900	1700	1500	1400	700	400	300	100
	.90	3800	3800	2900	2900	2500	2300	2000	2000	1300	1000	900	800
	.50	3600	3200	2600	2600	2300	1900	1800	1700	1200	900	700	600
	.10	3300	2800	2400	2100	1900	1700	1500	1400	700	500	300	200
	.90	3600	3100	2700	2300	2000	1900	1800	1800	1100	900	700	600
	.50	3500	2800	2600	2200	1900	1800	1700	1500	1000	700	600	400
	.10	3200	2500	2300	1900	1700	1500	1400	1200	700	400	300	100
	.90	3600	3400	2700	2300	2000	1900	1800	1800	1200	1000	800	700
	.50	3500	3100	2600	2400	2200	1900	1800	1700	1000	800	600	500
	.10	3200	2800	2400	2100	1900	1700	1500	1400	700	400	300	100
	.90	3800	3800	2900	2900	2500	2300	2000	2000	1400	1100	900	800
	.50	3600	3300	2700	2600	2300	2200	1900	1900	1300	900	700	600
	.10	3300	3000	2400	2100	1900	1700	1500	1400	800	500	400	300

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHINOOK:  
 SPANNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3600	3200	2700	2500	2300	2000	1900	1800	1100	900	800	700
	.50	3500	3100	2600	2400	1900	1800	1700	1700	1000	800	600	500
	.10	3200	2800	2400	2100	1700	1500	1400	1400	700	400	300	100
	.90	3700	3500	2700	2500	2300	2000	2000	1900	1300	1000	900	700
	.50	3600	3100	2600	2400	2200	1900	1800	1700	1000	800	600	500
	.10	3300	2800	2400	2100	1900	1700	1500	1400	700	500	300	200
	.90	3900	3900	3500	2900	2700	2300	2100	2000	1500	1100	900	800
	.50	3800	3300	2900	2600	2400	2200	1900	1800	1300	900	700	600
	.10	3500	3000	2400	2300	1900	1700	1500	1400	800	600	400	300
5900	.90	3600	3300	2700	2500	2300	2000	1900	1800	1200	1000	800	700
	.50	3500	3100	2600	2400	2200	1900	1800	1700	1000	800	600	500
	.10	3200	2800	2400	2100	1900	1700	1500	1400	700	400	300	100
	.90	3700	3500	2900	2700	2300	2100	2000	1900	1300	1000	900	800
	.50	3600	3300	2600	2600	2200	1900	1800	1700	1000	800	700	600
	.10	3300	3000	2400	2100	1900	1700	1500	1400	700	500	300	200
	.90	3900	3900	3600	3500	2900	2500	2300	2100	1600	1100	1000	900
	.50	3800	3600	3000	2900	2400	2300	1900	1900	1400	900	800	600
	.10	3500	3300	2400	2400	2100	1900	1700	1500	1000	600	400	300
6000	.90	3700	3300	2700	2700	2300	2000	1900	1800	1300	1000	800	700
	.50	3600	3100	2600	2600	2200	1900	1800	1700	1000	800	600	500
	.10	3300	2800	2400	2100	1900	1700	1500	1400	700	500	300	200
	.90	3900	3900	3600	3500	2900	2500	2300	2000	1400	1000	900	800
	.50	3800	3600	3000	2900	2400	2300	1900	1800	1200	900	700	600
	.10	3500	3000	2400	2300	1900	1700	1500	1400	800	600	400	200
	.90	4000	4000	3600	3600	2900	2700	2300	2100	1800	1100	1000	900
	.50	3900	3600	3100	3000	2700	2300	2200	1900	1500	1000	800	600
	.10	3600	3300	2400	2400	2100	1900	1700	1700	1100	600	400	300
6100	.90	3900	3400	2700	2700	2300	2000	2000	1900	1300	1000	900	700
	.50	3800	3300	2600	2600	2200	1900	1800	1700	1000	800	700	500
	.10	3500	3000	2400	2300	1900	1700	1500	1400	700	500	300	200
	.90	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.50	3800	3600	2900	2900	2500	2300	2000	1900	1400	1000	800	600
	.10	3500	3300	2400	2400	2100	1900	1700	1700	1100	600	400	300
	.90	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	700
	.50	3800	3600	2700	2600	2400	2200	1900	1800	1300	900	700	600
	.10	3500	3300	2400	2400	2100	1700	1500	1500	800	600	400	300
	.90	4000	4000	3600	3600	3500	2800	2500	2300	1800	1100	1000	900
	.50	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.10	3600	3300	2400	2400	2100	1900	1700	1700	1100	700	500	300
	.90	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.50	3800	3600	2700	2600	2400	2200	1900	1800	1300	900	700	600
	.10	3500	3300	2400	2400	2100	1700	1500	1500	800	600	400	300
	.90	4000	4000	3600	3600	3500	2800	2500	2300	1800	1100	1000	900
	.50	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.10	3600	3300	2400	2400	2100	1900	1700	1700	1100	700	500	300
	.90	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.50	3800	3600	2700	2600	2400	2200	1900	1800	1300	900	700	600
	.10	3500	3300	2400	2400	2100	1700	1500	1500	800	600	400	300
	.90	4000	4000	3600	3600	3500	2800	2500	2300	1800	1100	1000	900
	.50	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.10	3600	3300	2400	2400	2100	1900	1700	1700	1100	700	500	300
	.90	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.50	3800	3600	2700	2600	2400	2200	1900	1800	1300	900	700	600
	.10	3500	3300	2400	2400	2100	1700	1500	1500	800	600	400	300
	.90	4000	4000	3600	3600	3500	2800	2500	2300	1800	1100	1000	900
	.50	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.10	3600	3300	2400	2400	2100	1900	1700	1700	1100	700	500	300
	.90	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.50	3800	3600	2700	2600	2400	2200	1900	1800	1300	900	700	600
	.10	3500	3300	2400	2400	2100	1700	1500	1500	800	600	400	300
	.90	4000	4000	3600	3600	3500	2800	2500	2300	1800	1100	1000	900
	.50	3900	3700	2900	2900	2500	2300	2000	2000	1400	1000	900	800
	.10	3600	3300	2400	2400	2100	1900	1700	1700	1100	700	500	300

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

Q	SPAWNING INCUBATION		INCUBATION MONTH - APRIL												
	EXC.	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
6200	.90	.90	3900	3500	2700	2700	2300	2100	2000	1900	1300	1000	900	700	
	.50	.50	3800	3400	2600	2600	2200	1900	1800	1800	1200	900	700	600	
	.10	.10	3500	3100	2400	2400	1900	1700	1500	1400	800	600	400	200	
	.90	.90	4000	3700	2900	2900	2700	2300	2100	2000	1500	1100	900	800	
	.50	.50	3900	3600	2700	2600	2400	2200	1900	1800	1300	900	800	600	
	.10	.10	3600	3300	2400	2400	2100	1900	1700	1700	1000	600	400	300	
	.90	.90	4400	4100	3600	3600	3500	2900	2900	2500	2300	1800	1200	1000	900
	.50	.50	4300	3600	3300	3000	2900	2400	2400	2300	2200	1700	1000	800	700
	.10	.10	4000	3300	2500	2400	2100	1900	1900	1900	1700	1200	700	500	300
	.90	.90	4000	3700	2800	2700	2500	2300	2300	2000	1900	1400	1000	900	800
6300	.50	.50	3900	3600	2700	2600	2400	2000	1900	1800	1200	900	700	600	
	.10	.10	3600	3300	2400	2400	2100	1700	1700	1500	800	600	400	300	
	.90	.90	4000	3700	3200	2900	2700	2300	2100	2000	1600	1100	1000	900	
	.50	.50	3900	3600	3100	2600	2400	2200	1900	1800	1400	900	800	600	
	.10	.10	3600	3300	2500	2400	2100	1900	1700	1500	1100	600	400	300	
	.90	.90	4400	4100	3600	3600	3500	2900	2900	2500	2300	1800	1200	1000	900
	.50	.50	4300	3600	3500	3000	2900	2400	2400	2300	1700	1000	900	700	
	.10	.10	4000	3300	2800	2400	2100	1900	1900	1900	1800	1200	700	500	400
	.90	.90	4000	3700	2900	2700	2500	2300	2300	2000	2000	1400	1100	900	800
	.50	.50	3900	3600	2700	2600	2400	2200	2200	1900	1800	1300	900	800	600
6400	.10	.10	3600	3300	2500	2400	2100	1900	1700	1500	1100	600	400	300	
	.90	.90	4400	4100	3600	3600	3500	2900	2900	2500	2300	1800	1200	1000	900
	.50	.50	4300	3600	3500	3000	2900	2400	2400	2300	1700	1000	900	700	
	.10	.10	4000	3300	2800	2400	2100	1900	1900	1900	1200	700	500	400	
	.90	.90	4000	3700	2900	2700	2500	2300	2300	2000	1400	1100	900	800	
	.50	.50	3900	3600	2700	2600	2400	2200	2200	1900	1800	1300	900	800	600
	.10	.10	3600	3300	2500	2400	2100	1900	1900	1700	1500	1000	600	400	300
	.90	.90	4400	3800	3200	2900	2700	2400	2400	2300	2100	1600	1100	1000	900
	.50	.50	4300	3600	3100	2600	2400	2200	2200	2200	1900	1400	900	800	600
	.10	.10	4000	3300	2500	2400	2100	1900	1900	1700	1500	1100	700	400	300
6500	.90	.90	5000	4200	3700	3600	3500	2900	2900	2500	2300	1900	1300	1000	900
	.50	.50	4900	3600	3600	3000	2900	2600	2400	2400	1700	1000	900	800	
	.10	.10	4600	3300	2800	2500	2100	2000	1900	1800	1200	700	600	400	
	.90	.90	4400	3700	3200	2800	2500	2300	2100	2000	1500	1100	900	800	
	.50	.50	4300	3600	2900	2600	2400	2200	1900	1800	1300	900	800	600	
	.10	.10	4000	3300	2500	2400	2100	1900	1700	1700	1100	700	400	300	
	.90	.90	4400	3800	3200	2900	2700	2500	2500	2300	2100	1800	1100	1000	900
	.50	.50	4300	3600	3100	2600	2400	2300	2200	2200	1900	1500	900	800	700
	.10	.10	4000	3300	2800	2400	2100	1900	1900	1700	1200	700	500	300	
	.90	.90	5000	4200	3700	3600	3500	2900	2900	2700	2500	2000	1300	1100	1000
6600	.50	.50	4900	3600	3600	3100	2900	2600	2400	2400	1700	1000	900	800	
	.10	.10	4600	3300	2800	2500	2100	2000	1900	1800	1200	700	600	400	
	.90	.90	4400	3700	3200	2800	2500	2300	2100	2000	1500	1100	900	800	
	.50	.50	4300	3600	2900	2600	2400	2200	1900	1800	1300	900	800	600	

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINOOK:  
 SPAWNING MONTH - SEPTEMBER INCUBATION MONTH - APRIL

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
6600	.90	4400	3700	3200	2900	2700	2300	2300	2000	1600	1100	1000	900	
	.50	4300	3600	3100	2600	2400	2200	2200	1900	1400	900	800	600	
	.10	4000	3300	2800	2400	2100	1900	1700	1700	1100	700	400	300	
	.50	.90	5000	3800	3500	2900	2700	2500	2300	2300	1800	1100	1000	900
		.50	4900	3600	3200	2700	2400	2300	2200	1900	1500	1000	800	700
		.10	4600	3300	2800	2400	2100	1900	1900	1700	1200	700	500	400
	6700	.90	5000	4300	3700	3600	3500	2900	2700	2500	2000	1400	1100	1000
		.50	4900	3700	3600	3100	2900	2600	2400	2300	1700	1200	900	800
		.10	4600	3300	3000	2600	2400	2100	1900	1900	1400	700	600	400
		.90	.90	4400	3700	3200	2900	2700	2500	2300	2100	1700	1100	1000
.50			4300	3600	3100	2600	2400	2300	2200	1900	1500	900	800	700
.10			4000	3300	2800	2400	2100	1900	1900	1700	1200	700	500	300
6800		.90	5000	3900	3700	3200	2900	2500	2300	2300	1800	1200	1000	900
		.50	4900	3600	3300	2900	2600	2400	2200	2200	1700	1000	900	800
		.10	4600	3300	2800	2500	2200	2100	1900	1700	1200	700	500	400
		.90	.90	5100	4300	3700	3600	3500	2900	2700	2500	2000	1400	1100
	.50		5000	4000	3600	3100	2900	2600	2400	2300	1800	1200	900	800
	.10		4700	3700	3000	2600	2400	2100	1900	1900	1400	800	600	400
	6900	.90	5000	3700	3400	2900	2700	2500	2300	2300	1800	1100	1000	900
		.50	4900	3600	3000	2600	2400	2100	1900	1900	1400	800	600	400
		.10	4600	3300	3000	2500	2300	2100	1900	1900	1400	700	600	400
		.90	.90	4900	3600	3100	2700	2600	2300	2200	1900	1600	1000	800
.50			4600	3300	2800	2400	2100	1900	1900	1700	1200	700	500	300
.10			4300	3000	2700	2300	2000	1800	1700	1500	1000	500	300	200
6900		.90	5000	3700	3400	2900	2700	2500	2300	2200	1700	1000	900	800
		.50	4900	3600	3000	2600	2400	2100	1900	1900	1400	800	600	400
		.10	4600	3300	3000	2500	2300	2100	1900	1900	1400	700	600	400
		.90	.90	5100	4400	4100	3600	3500	2900	2700	2500	2000	1500	1100
	.50		5000	4000	3800	3300	2900	2600	2400	2300	1800	1300	900	800
	.10		4700	3700	3000	2800	2400	2100	2000	1900	1400	800	600	500
	6900	.90	5000	3700	3400	2900	2700	2500	2300	2300	1800	1200	1000	900
		.50	4900	3600	3000	2600	2400	2100	1900	1900	1400	800	600	400
		.10	4600	3300	3000	2500	2300	2100	1900	1900	1400	700	600	400
		.90	.90	5100	4400	4100	3600	3500	2900	2700	2500	2000	1500	1100
.50			5000	4000	3800	3300	2900	2600	2400	2300	1800	1300	900	800
.10			4700	3700	3000	2800	2400	2100	2000	1900	1400	800	600	500
6900		.90	5000	3700	3400	2900	2700	2500	2300	2200	1700	1000	900	800
		.50	4900	3600	3000	2600	2400	2100	1900	1900	1400	800	600	400
		.10	4600	3300	3000	2500	2300	2100	1900	1900	1400	700	600	400
		.90	.90	5100	4400	4100	3600	3500	2900	2700	2500	2000	1500	1100
	.50		5000	4000	3800	3300	2900	2600	2400	2300	1800	1300	900	800
	.10		4700	3700	3000	2800	2400	2100	2000	1900	1400	800	600	500
	6900	.90	5000	3700	3400	2900	2700	2500	2300	2200	1700	1000	900	800
		.50	4900	3600	3000	2600	2400	2100	1900	1900	1400	800	600	400
		.10	4600	3300	3000	2500	2300	2100	1900	1900	1400	700	600	400
		.90	.90	5100	4400	4100	3600	3500	2900	2700	2500	2000	1500	1100
.50			5000	4000	3800	3300	2900	2600	2400	2300	1800	1300	900	800
.10			4700	3700	3000	2800	2400	2100	2000	1900	1400	800	600	500
6900		.90	5200	4400	4400	4100	3600	3200	2900	2500	2000	1500	1100	1000
		.50	5100	4000	3800	3800	3000	2800	2400	2400	1800	1300	900	800
		.10	4700	3700	3000	2500	2300	2100	1900	1900	1400	700	600	400
		.90	.90	5200	4400	4400	4100	3600	3200	2900	2500	2000	1500	1100
	.50		5100	4000	3800	3800	3000	2800	2400	2400	1800	1300	900	800
	.10		4800	3700	3300	2800	2500	2100	2100	1900	1400	700	700	500

TABLE 1. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHINDOK:  
 SPAWNING MONTH - SEPTEMBER  
 INCUBATION MONTH - APRIL

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000	.90	5000	4100	3700	3200	2800	2500	2300	2300	1800	1200	1000	900
	.50	4900	4000	3300	3100	2600	2400	2200	2200	1700	1000	900	800
	.10	4600	3700	3000	2500	2300	2100	1900	1900	1400	700	600	400
	.90	5100	4100	3700	3600	3500	2900	2700	2500	2000	1400	1100	1000
	.50	5000	4000	3400	3100	3000	2600	2400	2300	1800	1200	900	800
	.10	4700	3700	3000	2800	2400	2100	1900	1900	1400	800	600	500
	.90	5300	4400	4400	4400	3700	3500	2900	2700	2100	1600	1200	1000
	.50	5200	4000	3800	3800	3600	2900	2600	2400	1900	1400	1000	900
	.10	4900	3700	3300	2800	2700	2400	2100	2100	1500	1100	700	600

.24.29.43LP, 6.805, , GDNR002, TH, 00

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPANING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	600	600	600	600	600	600	600	600	400	300	300	200
	.50	300	300	300	300	300	200	200	200	0	0	0	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	1100	800	800	800	800	700	600	600	500	300	300	300
	.50	500	500	300	300	300	300	300	200	100	0	0	0
	.10	300	300	100	100	100	0	0	0	0	0	0	0
	.90	2600	2600	1700	1700	1400	1200	1200	1100	1000	800	700	600
	.50	1100	1100	700	700	700	600	600	600	400	200	100	0
	.10	500	500	500	500	400	300	200	200	0	0	0	0
1500	.90	800	800	600	600	600	600	600	600	400	300	300	300
	.50	500	500	300	300	300	200	200	200	100	0	0	0
	.10	300	300	100	100	100	0	0	0	0	0	0	0
	.90	1200	900	800	800	800	800	800	700	600	400	300	300
	.50	500	500	500	500	400	300	300	300	100	0	0	0
	.10	300	300	300	300	200	100	0	0	0	0	0	0
	.90	2600	2600	1700	1700	1500	1300	1300	1200	1100	900	800	600
	.50	1100	1100	900	800	800	700	700	700	600	300	200	100
	.10	600	600	600	600	500	500	400	400	200	0	0	0
1600	.90	800	800	800	800	800	800	700	600	500	300	300	300
	.50	500	500	500	500	400	300	300	300	100	0	0	0
	.10	300	300	300	300	200	100	0	0	0	0	0	0
	.90	1200	1200	900	900	800	800	800	800	600	400	300	300
	.50	600	600	500	500	500	400	300	300	200	0	0	0
	.10	400	400	300	300	300	100	0	0	0	0	0	0
	.90	2600	2600	1700	1700	1500	1400	1300	1300	1100	900	900	800
	.50	1100	1100	1000	1000	900	800	800	800	600	400	300	200
	.10	600	600	600	600	600	500	500	400	200	0	0	0
1700	.90	900	900	800	800	800	800	800	700	600	400	300	300
	.50	600	600	500	500	500	300	300	300	200	0	0	0
	.10	400	400	300	300	300	100	0	0	0	0	0	0
	.90	1200	1200	900	900	900	900	800	800	600	400	300	300
	.50	700	600	600	600	500	400	400	400	200	100	0	0
	.10	500	400	400	300	300	200	100	0	0	0	0	0
	.90	2600	2600	1700	1700	1700	1400	1400	1400	1300	1100	900	800
	.50	1200	1200	1200	1200	1000	900	900	800	700	400	300	200
	.10	800	800	800	800	600	600	600	500	400	200	100	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		Q EXC.															
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00				
1800	.90	1000	900	900	900	800	800	800	800	600	400	300	300				
	.50	700	600	600	500	500	400	300	300	200	0	0	0				
	.10	500	400	400	300	300	200	100	0	0	0	0	0				
.50	.90	1200	1200	1000	1000	1000	900	900	900	700	600	400	300				
	.50	900	700	700	700	600	500	400	400	300	100	0	0				
	.10	500	500	500	500	400	300	200	100	0	0	0	0				
.10	.90	3200	2600	2400	1700	1700	1500	1500	1400	1300	1100	900	900				
	.50	1700	1200	1200	1200	1200	1000	1000	900	800	600	400	400				
	.10	800	800	800	800	800	600	600	600	400	200	0	0				
1900	.90	1000	1000	1000	1000	900	900	900	800	600	400	300	300				
	.50	700	700	700	700	600	500	400	400	300	100	0	0				
	.10	500	500	500	500	400	300	200	100	0	0	0	0				
.50	.90	1300	1300	1200	1100	1100	1100	1000	1000	800	600	500	400				
	.50	900	900	800	800	700	700	600	600	400	200	0	0				
	.10	600	600	600	600	500	500	300	200	0	0	0	0				
.10	.90	3200	3200	2500	2500	1700	1500	1500	1500	1300	1100	900	900				
	.50	1700	1700	1200	1200	1200	1200	1000	1000	800	600	400	400				
	.10	800	800	800	800	800	800	600	600	400	200	0	0				
2000	.90	1200	1100	1100	1100	1000	1000	900	900	700	500	400	300				
	.50	900	800	800	800	700	600	500	500	300	100	0	0				
	.10	600	600	600	600	500	400	300	200	0	0	0	0				
.50	.90	1400	1300	1200	1200	1100	1100	1100	1100	900	700	600	400				
	.50	900	900	900	800	800	700	700	600	400	200	100	0				
	.10	600	600	600	600	500	400	300	200	0	0	0	0				
.10	.90	3200	3200	2500	2500	1700	1700	1500	1500	1300	1100	900	900				
	.50	1700	1700	1200	1200	1200	1200	1000	1000	800	600	400	400				
	.10	900	900	800	800	800	800	600	600	400	200	0	0				
2100	.90	1200	1200	1100	1100	1100	1100	1100	1000	800	600	400	300				
	.50	900	900	800	800	800	700	600	600	400	200	0	0				
	.10	600	600	600	600	600	500	400	300	100	0	0	0				
.50	.90	1400	1300	1300	1300	1300	1300	1100	1100	1100	800	600	400				
	.50	1000	1000	1000	1000	800	800	800	700	600	400	200	100				
	.10	700	600	600	600	600	600	500	400	200	0	0	0				
.10	.90	3200	3200	2500	2500	1700	1700	1600	1500	1400	1200	1100	900				
	.50	1700	1700	1200	1200	1200	1200	1100	1000	900	600	500	400				
	.10	900	900	800	800	800	800	600	600	400	200	0	0				

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	.90	1200	1200	1200	1100	1100	1100	1100	900	700	600	400
	.50	.50	900	900	800	800	700	700	600	500	200	100	0
	.10	.10	700	600	600	600	500	500	300	200	0	0	0
	.90	.90	1500	1500	1500	1400	1300	1300	1300	1100	900	800	700
	.50	.50	1200	1200	1200	1000	1000	800	800	600	400	300	100
	.10	.10	800	800	800	600	600	600	500	400	0	0	0
	.90	.90	3200	3200	2500	2400	1700	1700	1500	1400	1300	1100	1000
	.50	.50	1700	1700	1300	1200	1200	1100	1100	900	700	600	400
	.10	.10	900	900	900	900	800	800	600	500	400	200	0
2300	.90	.90	1300	1300	1300	1300	1300	1100	1100	1000	800	600	500
	.50	.50	1000	1000	1000	800	800	800	700	600	300	100	0
	.10	.10	800	800	600	600	600	500	400	200	0	0	0
	.90	.90	1500	1500	1500	1500	1400	1400	1300	1200	1000	900	800
	.50	.50	1200	1200	1200	1200	1000	1000	900	800	500	400	200
	.10	.10	800	800	800	800	600	600	600	400	200	0	0
	.90	.90	3200	3200	2500	2500	1800	1700	1700	1400	1300	1200	1100
	.50	.50	1700	1700	1300	1300	1200	1100	1100	900	800	600	500
	.10	.10	900	900	900	900	800	800	700	500	400	200	0
2400	.90	.90	1500	1500	1500	1400	1300	1300	1300	1100	900	800	600
	.50	.50	1200	1200	1200	1000	1000	800	800	600	400	300	100
	.10	.10	800	800	800	600	600	600	500	400	0	0	0
	.90	.90	1700	1500	1500	1500	1500	1400	1400	1300	1100	900	800
	.50	.50	1200	1200	1200	1200	1100	1000	900	800	600	400	300
	.10	.10	900	900	800	800	800	600	600	400	200	0	0
	.90	.90	3200	3200	2500	2500	1900	1700	1700	1500	1400	1300	1100
	.50	.50	1700	1700	1400	1400	1200	1200	1100	1000	800	600	600
	.10	.10	1300	1100	1000	900	900	800	800	600	400	200	0
	.90	.90	1500	1500	1500	1400	1400	1400	1300	1100	900	900	700
	.50	.50	1200	1200	1200	1200	1000	1000	900	800	500	400	200
	.10	.10	900	900	800	800	600	600	600	400	200	0	0
	.90	.90	1700	1700	1700	1500	1500	1400	1400	1300	1100	900	900
	.50	.50	1200	1200	1200	1200	1200	1000	1000	800	600	400	400
	.10	.10	900	900	900	800	800	600	600	500	200	0	0
	.90	.90	3200	3200	2600	2500	1900	1700	1700	1500	1400	1300	1100
	.50	.50	1800	1700	1400	1400	1200	1200	1100	1000	800	700	600
	.10	.10	1400	1100	1000	1000	900	800	800	600	400	200	100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		INCUBATION MONTH - NOVEMBER											
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2600	.90	1600	1500	1500	1500	1500	1500	1400	1400	1300	1000	900	800
	.50	1200	1200	1200	1100	1100	1100	1000	1000	800	600	400	300
	.10	900	900	900	800	800	800	600	600	400	200	0	0
.50	.90	1800	1700	1700	1700	1500	1500	1500	1400	1300	1100	900	900
	.50	1200	1200	1200	1200	1200	1200	1100	1000	800	600	400	400
	.10	900	900	900	800	800	800	800	600	500	200	0	0
.10	.90	3200	3200	2600	2500	2500	2200	2200	2000	1500	1400	1300	1300
	.50	1900	1900	1900	1900	1900	1500	1200	1200	1000	900	800	600
	.10	1500	1500	1500	1500	1500	1100	900	900	600	500	300	200
2700	.90	1700	1700	1500	1500	1500	1500	1400	1400	1300	1100	900	800
	.50	1200	1200	1200	1200	1200	1200	1000	1000	800	600	400	400
	.10	900	900	900	800	800	800	700	600	500	200	0	0
.50	.90	1800	1700	1700	1700	1600	1500	1500	1500	1300	1100	1000	900
	.50	1200	1200	1200	1200	1200	1200	1100	1000	800	600	400	400
	.10	900	900	900	900	900	800	800	600	500	300	100	0
.10	.90	3400	3200	2600	2500	2500	2300	2300	2200	1700	1500	1400	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1500	1100	900	800	700
	.10	1600	1600	1600	1600	1600	1500	1500	1100	600	500	400	200
2800	.90	1700	1700	1700	1500	1500	1500	1400	1400	1300	1100	900	900
	.50	1200	1200	1200	1200	1200	1200	1100	1000	800	600	400	400
	.10	900	900	900	900	900	800	800	600	500	200	0	0
.50	.90	1800	1800	1800	1800	1700	1500	1500	1500	1300	1100	1100	900
	.50	1300	1300	1300	1300	1200	1200	1100	1000	900	700	500	400
	.10	1100	1100	900	900	900	800	800	700	500	400	200	0
.10	.90	4100	3300	3200	2500	2500	2400	2300	2300	1800	1500	1400	1400
	.50	2600	2000	2000	2000	2000	1900	1900	1900	1100	1000	800	800
	.10	1600	1600	1600	1600	1600	1500	1500	1500	800	500	400	200
2900	.90	1700	1700	1700	1700	1500	1500	1500	1400	1300	1100	900	900
	.50	1300	1300	1200	1200	1200	1200	1100	1000	800	600	400	400
	.10	1100	1100	900	900	900	800	800	600	500	300	100	0
.50	.90	1800	1800	1800	1800	1700	1500	1500	1500	1300	1100	1100	900
	.50	1300	1300	1300	1300	1200	1200	1100	1000	900	700	500	400
	.10	1100	1100	900	900	900	800	800	700	500	400	200	0
.10	.90	2000	1800	1800	1800	1700	1500	1500	1500	1400	1300	1100	900
	.50	1700	1300	1300	1300	1200	1200	1200	1100	900	800	600	400
	.10	1300	1100	900	900	900	900	800	800	600	400	200	0
.90	.90	4200	3400	3200	3100	2500	2400	2300	2300	1800	1600	1500	1400
	.50	2700	2000	2000	2000	2000	1900	1900	1900	1200	1000	900	800
	.10	1600	1600	1600	1600	1600	1500	1500	1500	800	600	400	300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
<b>3000</b>	<b>.90</b>	1800	1800	1800	1500	1500	1500	1500	1300	1100	1000	900
	<b>.50</b>	1300	1300	1300	1200	1200	1100	1100	900	700	500	400
	<b>.10</b>	1100	900	900	900	800	800	800	500	400	200	0
	<b>.90</b>	2600	1900	1900	1700	1500	1500	1500	1400	1300	1100	1000
	<b>.50</b>	1800	1400	1400	1300	1200	1200	1100	900	800	600	400
	<b>.10</b>	1400	1100	1000	1000	900	800	800	600	400	200	0
	<b>.90</b>	4200	3200	3200	2500	2500	2300	2300	2100	1600	1500	1400
	<b>.50</b>	2700	2000	2000	2000	2000	1900	1900	1500	1000	900	800
	<b>.10</b>	1600	1600	1600	1600	1500	1500	1500	1100	600	500	400
<b>3100</b>	<b>.90</b>	2000	1800	1800	1600	1500	1500	1500	1400	1200	1100	900
	<b>.50</b>	1700	1300	1300	1200	1200	1200	1100	900	800	600	400
	<b>.10</b>	1300	1100	900	900	900	800	800	600	400	200	0
	<b>.90</b>	2600	2200	2200	2200	1900	1700	1600	1400	1300	1200	1100
	<b>.50</b>	1900	1900	1900	1900	1400	1300	1200	1000	800	600	600
	<b>.10</b>	1500	1500	1500	1500	1100	1000	900	600	500	300	200
	<b>.90</b>	4200	3600	3200	3100	2500	2400	2300	2100	1800	1600	1500
	<b>.50</b>	2700	2400	2000	2000	2000	1900	1900	1500	1200	1000	900
	<b>.10</b>	2000	1600	1600	1600	1600	1500	1500	1100	800	600	400
<b>3200</b>	<b>.90</b>	2100	1900	1900	1800	1500	1500	1500	1400	1300	1100	900
	<b>.50</b>	1800	1500	1500	1400	1200	1200	1100	900	800	600	400
	<b>.10</b>	1400	1300	1300	1000	900	800	800	600	400	200	0
	<b>.90</b>	2600	2300	2300	2300	2200	2200	2000	1500	1400	1300	1100
	<b>.50</b>	2000	2000	2000	2000	1900	1900	1500	1000	900	800	600
	<b>.10</b>	1600	1600	1600	1600	1500	1500	1300	600	500	400	200
	<b>.90</b>	4300	3600	3400	3100	2700	2500	2500	2100	2000	1800	1600
	<b>.50</b>	2800	2400	2400	2400	2000	2000	1900	1600	1500	1100	1000
	<b>.10</b>	2000	2000	2000	2000	1600	1600	1500	1200	1100	600	500
<b>3300</b>	<b>.90</b>	2200	2200	2200	2200	1900	1800	1500	1400	1300	1100	1100
	<b>.50</b>	1900	1900	1900	1900	1500	1400	1200	1000	800	600	500
	<b>.10</b>	1500	1500	1500	1500	1300	1000	900	600	500	300	200
	<b>.90</b>	2600	2300	2300	2300	2300	2200	2200	1500	1400	1300	1200
	<b>.50</b>	2000	2000	2000	2000	1900	1900	1900	1100	900	800	600
	<b>.10</b>	1600	1600	1600	1600	1500	1500	1200	600	500	400	200
	<b>.90</b>	4300	3600	3500	3100	2700	2700	2500	2200	2000	1800	1600
	<b>.50</b>	2800	2400	2400	2400	2000	2000	1900	1600	1500	1100	1000
	<b>.10</b>	2000	2000	2000	2000	1600	1600	1500	1200	1100	600	500
<b>3000</b>	<b>.90</b>	2200	2200	2200	2200	1900	1800	1500	1400	1300	1100	1100
	<b>.50</b>	1900	1900	1900	1900	1500	1400	1200	1000	800	600	500
	<b>.10</b>	1500	1500	1500	1500	1300	1000	900	600	500	300	200
	<b>.90</b>	2600	2300	2300	2300	2300	2200	2200	1500	1400	1300	1200
	<b>.50</b>	2000	2000	2000	2000	1900	1900	1900	1100	900	800	600
	<b>.10</b>	1600	1600	1600	1600	1500	1500	1200	600	500	400	200
	<b>.90</b>	4300	3600	3500	3100	2700	2700	2500	2200	2000	1800	1600
	<b>.50</b>	2800	2400	2400	2400	2000	2000	1900	1600	1500	1100	1000
	<b>.10</b>	2000	2000	2000	2000	1600	1600	1500	1200	1100	600	500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2300	2300	2300	2300	2300	2200	2200	2000	1500	1300	1200	1100
	.50	2000	2000	2000	2000	2000	1900	1900	1500	1000	900	800	600
	.10	1600	1600	1600	1600	1600	1500	1500	1300	600	500	400	200
	.90	2600	2600	2300	2300	2300	2300	2200	2200	1600	1400	1300	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1100	900	800	700
	.10	1600	1600	1600	1600	1600	1500	1500	1500	800	500	400	200
	.90	4400	4400	3600	3600	3200	2700	2700	2600	2200	2000	2000	1800
	.50	2900	2900	2400	2400	2400	2400	2000	2000	1600	1500	1500	1100
	.10	2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	900	600
3500	.90	2300	2300	2300	2300	2300	2200	2200	2200	1500	1400	1300	1100
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1100	900	800	600
	.10	1600	1600	1600	1600	1600	1500	1500	1500	800	500	400	200
	.90	2600	2600	2500	2300	2300	2300	2200	2200	1700	1400	1400	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	900	800	800
	.10	1600	1600	1600	1600	1600	1500	1500	1500	800	600	400	400
	.90	4500	4500	3600	3600	3200	2700	2700	2700	2300	2000	2000	1800
	.50	3000	3000	2400	2400	2400	2400	2000	2000	1600	1500	1500	1100
	.10	2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	900	600
3600	.90	2300	2300	2300	2300	2300	2200	2200	2200	1500	1400	1300	1200
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1100	900	800	600
	.10	1600	1600	1600	1600	1600	1500	1500	1500	800	600	400	300
	.90	3200	2700	2600	2500	2300	2300	2200	2200	1800	1500	1400	1300
	.50	2400	2400	2000	2000	2000	2000	1900	1900	1500	1000	900	800
	.10	2000	2000	1600	1600	1600	1600	1500	1500	1100	600	500	400
	.90	4500	4500	3600	3600	3200	2700	2700	2700	2300	2000	2000	1800
	.50	3000	3000	2400	2400	2400	2400	2100	2000	1700	1500	1500	1200
	.10	2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	1100	600
3700	.90	2300	2300	2300	2300	2300	2200	2200	2200	1500	1400	1300	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	900	800	700
	.10	1600	1600	1600	1600	1600	1500	1500	1500	800	600	400	400
	.90	3200	3200	2700	2700	2700	2500	2300	2300	2100	1800	1500	1400
	.50	2400	2400	2400	2400	2400	2000	2000	1900	1500	1200	1000	900
	.10	2000	2000	2000	2000	2000	1600	1600	1600	1200	900	600	500
	.90	4600	4600	3700	3600	3200	2700	2700	2700	2300	2100	2000	1900
	.50	3100	3100	2400	2400	2400	2400	2200	2100	1800	1500	1500	1200
	.10	2500	2500	2000	2000	2000	2000	2000	1600	1300	1100	1100	600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
3800	.90	2700	2700	2300	2300	2300	2300	2200	2200	1800	1500	1400	1300	
	.50	2400	2400	2000	2000	2000	2000	1900	1900	1500	1000	900	800	
	.10	2000	2000	1600	1600	1600	1600	1500	1500	1100	600	500	400	
	.50	.90	3200	3200	2700	2700	2700	2700	2400	2300	2100	2000	1600	1500
		.50	2400	2400	2400	2400	2400	2400	2000	2000	1600	1500	1000	900
		.10	2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	600	500
	3900	.90	4600	4600	3700	3600	3200	3100	2700	2700	2500	2100	2000	1900
		.50	3100	3100	3000	2900	2400	2400	2400	2200	1900	1600	1500	1200
		.10	2600	2600	2500	2500	2000	2000	2000	2000	1400	1100	1100	600
		.90	.90	2700	2700	2700	2700	2700	2300	2300	2200	2000	1700	1500
.50			2400	2400	2400	2400	2400	2000	2000	1900	1500	1200	1000	800
.10			2000	2000	2000	2000	2000	1600	1600	1500	1200	900	600	500
4000		.90	4600	4600	4300	3600	3400	3200	3100	2700	2500	2200	2000	2000
		.50	3100	3100	3000	3000	2900	2400	2400	2200	1900	1600	1500	1500
		.10	2600	2600	2600	2500	2000	2000	2000	2000	1500	1100	1100	800
		.90	.90	2700	2700	2700	2700	2700	2700	2300	2300	2100	2000	1500
	.50		2400	2400	2400	2400	2400	2400	2000	2000	1600	1500	1000	900
	.10		2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	700	600
	4100	.90	4700	4700	4300	4300	3400	3200	3100	2700	2500	2300	2000	2000
		.50	3200	3200	3100	3100	2900	2400	2400	2400	2100	1800	1500	1500
		.10	2700	2700	2700	2700	2500	2400	2000	2000	1500	1200	1100	800
		.90	.90	2700	2700	2700	2700	2700	2700	2500	2400	2100	2000	1500
.50			2400	2400	2400	2400	2400	2400	2000	2000	1600	1500	1000	1000
.10			2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	600	600
4200		.90	4700	4700	4300	4300	3400	3200	3100	2700	2500	2300	2000	2000
		.50	3200	3200	3100	3100	2900	2400	2400	2400	2100	1800	1500	1500
		.10	2700	2700	2700	2700	2500	2400	2000	2000	1500	1200	1100	800
		.90	.90	2700	2700	2700	2700	2700	2700	2500	2400	2100	2000	1700
	.50		2400	2400	2400	2400	2400	2400	2000	2000	1600	1500	1200	1000
	.10		2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	900	600
	4300	.90	4700	4700	4300	4300	3400	3200	3100	2700	2500	2300	2000	2000
		.50	3200	3200	3100	3100	2900	2400	2400	2400	2100	1800	1500	1500
		.10	2700	2700	2700	2700	2500	2400	2000	2000	1500	1200	1100	800
		.90	.90	2700	2700	2700	2700	2700	2700	2500	2400	2100	2000	1700
.50			2400	2400	2400	2400	2400	2400	2000	2000	1600	1500	1200	1000
.10			2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	900	600
4400		.90	4700	4700	4300	4300	3400	3200	3100	2700	2500	2300	2000	2000
		.50	3200	3200	3100	3100	2900	2400	2400	2400	2100	1800	1500	1500
		.10	2700	2700	2700	2700	2500	2400	2000	2000	1500	1200	1100	800
		.90	.90	2700	2700	2700	2700	2700	2700	2500	2400	2100	2000	1700
	.50		2400	2400	2400	2400	2400	2400	2000	2000	1600	1500	1200	1000
	.10		2000	2000	2000	2000	2000	2000	1600	1600	1200	1100	900	600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
4200	.90	2700	2700	2700	2700	2700	2700	2500	2300	2100	2000	1800	1600	
	.50	2400	2400	2400	2400	2400	2400	2200	2000	1600	1500	1500	1000	
	.10	2000	2000	2000	2000	2000	2000	2000	1600	1300	1100	1100	600	
	.90	3200	3200	2700	2700	2700	2700	2500	2500	2200	2000	2000	1700	
	.50	2900	2900	2400	2400	2400	2400	2200	2200	1600	1500	1500	1100	
	.10	2500	2500	2000	2000	2000	2000	2000	1600	1300	1100	1100	600	
	.90	4800	4800	4300	4300	3600	3400	3200	3100	2600	2300	2300	2100	2000
	.50	3300	3300	3200	3200	2900	2800	2400	2400	2000	1700	1700	1500	1500
	.10	2800	2800	2800	2800	2500	2000	2000	2000	1500	1200	1200	1100	900
	.90	2700	2700	2700	2700	2700	2700	2500	2500	2100	2000	2000	1800	1600
4300	.50	2400	2400	2400	2400	2400	2400	2200	2000	1600	1500	1500	1000	
	.10	2000	2000	2000	2000	2000	2000	2000	1800	1300	1100	1100	600	
	.90	3300	3300	3200	3200	2700	2700	2700	2500	2200	2000	2000	1800	
	.50	3000	3000	2900	2900	2400	2400	2400	2200	1900	1500	1500	1100	
	.10	2600	2600	2500	2500	2000	2000	2000	2000	1500	1100	1100	700	
	.90	4800	4800	4300	4300	3600	3500	3200	3200	2600	2300	2300	2100	2000
	.50	3300	3300	3200	3200	2900	2800	2400	2400	2000	1700	1700	1500	1500
	.10	2800	2800	2800	2800	2500	2000	2000	2000	1600	1200	1200	1100	1100
	.90	3200	3200	2700	2700	2700	2700	2500	2500	2200	2000	2000	1800	1600
	.50	2900	2900	2400	2400	2400	2400	2200	2200	1700	1500	1500	1100	1100
4400	.10	2500	2500	2000	2000	2000	2000	2000	2000	1400	1100	1100	700	
	.90	3300	3300	3300	3200	3200	2700	2700	2500	2300	2000	2000	1800	
	.50	3000	3000	3000	2900	2400	2400	2400	2200	1900	1500	1500	1200	
	.10	2600	2600	2600	2500	2000	2000	2000	2000	1500	1100	1100	800	
	.90	4900	4900	4900	4300	3600	3600	3200	3200	2600	2400	2100	2000	
	.50	3400	3400	3400	3300	3100	2800	2400	2400	2100	1800	1600	1500	
	.10	2900	2900	2900	2900	2500	2000	2000	2000	1600	1200	1100	1100	
	.90	3300	3300	3200	3200	2700	2700	2700	2500	2200	2000	2000	1700	
	.50	3000	3000	2900	2900	2400	2400	2400	2200	1900	1500	1500	1100	
	.10	2600	2600	2500	2500	2000	2000	2000	2000	1500	1100	1100	800	
4500	.90	3400	3400	3400	3300	3200	2700	2700	2500	2200	2000	2000	1700	
	.50	2900	2900	2900	2900	2400	2400	2400	2200	1900	1500	1500	1100	
	.10	2600	2600	2500	2500	2000	2000	2000	2000	1500	1100	1100	800	
	.90	3400	3400	3400	3400	3200	2700	2700	2700	2300	2100	2000	1800	
	.50	3100	3100	3100	3100	2900	2400	2400	2200	1900	1500	1500	1200	
	.10	2700	2700	2700	2700	2500	2000	2000	2000	1500	1200	1100	800	
	.90	4900	4900	4900	4300	3600	3600	3200	3200	2700	2500	2500	2000	
	.50	3400	3400	3400	3400	3100	2800	2400	2400	2100	1800	1600	1500	
	.10	2900	2900	2900	2900	2500	2000	2000	2000	1600	1200	1100	1100	
	.90	3300	3300	3200	3200	2700	2700	2700	2500	2200	2000	2000	1700	
4600	.50	3000	3000	2900	2900	2400	2400	2400	2200	1900	1500	1500	1100	
	.10	2600	2600	2500	2500	2000	2000	2000	2000	1500	1100	1100	800	
	.90	3400	3400	3400	3400	3200	2700	2700	2700	2300	2100	2000	1800	
	.50	3100	3100	3100	3100	2900	2400	2400	2200	1900	1500	1500	1200	
	.10	2700	2700	2700	2700	2500	2000	2000	2000	1500	1200	1100	800	
	.90	4900	4900	4900	4300	3600	3600	3200	3200	2700	2500	2500	2000	
	.50	3400	3400	3400	3400	3100	2800	2400	2400	2100	1800	1600	1500	
	.10	2900	2900	2900	2900	2500	2000	2000	2000	1600	1200	1100	1100	
	.90	3300	3300	3200	3200	2700	2700	2700	2500	2200	2000	2000	1700	
	.50	3000	3000	2900	2900	2400	2400	2400	2200	1900	1500	1500	1100	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3300	3300	3300	3200	3000	2700	2700	2500	2200	2000	2000	1800
	.50	3000	3000	3000	2900	2400	2400	2400	2200	1900	1500	1500	1100
	.10	2600	2600	2600	2500	2000	2000	2000	2000	1500	1100	1100	800
	.90	4100	3400	3400	3400	3200	3000	2700	2700	2300	2100	2000	1900
	.50	3100	3100	3100	3100	2900	2400	2400	2400	1900	1600	1500	1200
	.10	2700	2700	2700	2700	2500	2000	2000	2000	1500	1200	1100	900
	.90	5000	5000	5000	4300	4000	3600	3400	3200	2700	2500	2200	2100
	.50	3500	3500	3500	3300	3100	2900	2800	2400	2200	1800	1600	1500
	.10	2900	2900	2900	2900	2700	2500	2000	2000	1600	1200	1100	1100
4700	.90	3400	3400	3400	3400	3200	2700	2700	2600	2300	2000	2000	1800
	.50	3100	3100	3100	3100	2900	2400	2400	2200	1900	1500	1500	1200
	.10	2700	2700	2700	2700	2500	2000	2000	2000	1500	1200	1100	800
	.90	4200	3500	3500	3500	3200	3100	2700	2700	2500	2100	2000	1900
	.50	3200	3200	3200	3200	2900	2400	2400	2400	2000	1600	1500	1400
	.10	2800	2800	2800	2800	2500	2000	2000	2000	1500	1200	1100	900
	.90	5000	5000	5000	4900	4300	3600	3400	3200	2700	2500	2300	2100
	.50	3500	3500	3500	3400	3300	2900	2900	2800	2300	1900	1600	1500
	.10	3000	2900	2900	2900	2700	2700	2500	2000	1900	1300	1200	1100
4800	.90	3400	3400	3400	3400	3200	2700	2700	2700	2300	2100	2000	1800
	.50	3100	3100	3100	3100	2900	2400	2400	2400	1900	1500	1500	1200
	.10	2700	2700	2700	2700	2500	2000	2000	2000	1500	1200	1100	900
	.90	4200	4200	3500	3500	3200	3200	2700	2700	2500	2200	2000	2000
	.50	3200	3200	3200	3200	2900	2400	2400	2400	2000	1600	1500	1500
	.10	2800	2800	2800	2800	2500	2000	2000	2000	1600	1200	1100	900
	.90	5100	5100	5100	4900	4300	3600	3600	3300	3200	3100	2500	2300
	.50	3600	3600	3600	3500	3300	3000	2900	2900	2700	2400	2000	1700
	.10	3000	2900	2900	2900	2800	2700	2500	2300	2300	2000	1400	1200
4900	.90	3500	3500	3500	3500	3200	2700	2700	2700	2300	2100	2000	1800
	.50	3200	3200	3200	3200	2900	2400	2400	2400	2000	1600	1500	1200
	.10	2800	2800	2800	2800	2500	2000	2000	2000	1600	1200	1100	900
	.90	4200	4200	3600	3600	3400	3200	3000	2700	2500	2200	2000	2000
	.50	3300	3300	3300	3300	2900	2400	2400	2400	2000	1600	1500	1500
	.10	2900	2900	2900	2900	2500	2000	2000	2000	1600	1200	1100	1100
	.90	5100	5100	5100	5100	4900	4100	3600	3400	3200	3100	2400	2500
	.50	3600	3600	3600	3600	3400	3300	2900	2900	2700	2700	2300	2000
	.10	3100	3000	3000	2900	2900	2700	2700	2500	2300	2300	2000	1500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3500	3500	3500	3500	3200	2700	2700	2700	2300	2100	2000	1900
	.50	3200	3200	3200	3200	2900	2400	2400	2400	2000	1600	1500	1300
	.10	2800	2800	2800	2800	2500	2000	2000	2000	1600	1200	1100	900
	.90	4300	4300	3600	3600	3500	3200	3200	2700	2500	2300	2100	2000
	.50	3300	3300	3300	3300	2900	2900	2400	2400	2000	1700	1500	1500
	.10	2900	2900	2900	2900	2700	2500	2000	2000	1600	1200	1100	1100
	.90	5200	5200	5200	5100	5100	4300	3600	3600	3200	3200	3200	2800
	.50	3700	3700	3700	3600	3600	3300	3100	3000	2700	2700	2700	2300
	.10	3100	3000	2900	2900	2900	2800	2700	2700	2300	2300	2300	1700
5100	.90	3600	3600	3600	3600	3200	3200	2700	2700	2500	2100	2000	2000
	.50	3300	3300	3300	3300	2900	2900	2400	2400	2000	1600	1500	1500
	.10	2900	2900	2900	2900	2700	2500	2000	2000	1600	1200	1100	1100
	.90	4300	4300	3600	3600	3600	3200	3200	3100	2500	2300	2100	2000
	.50	3300	3300	3300	3300	3000	2900	2800	2400	2000	1700	1600	1500
	.10	2900	2900	2900	2900	2700	2700	2300	2000	1600	1300	1100	1100
	.90	5200	5200	5200	5100	5100	4900	3600	3600	3200	3200	3200	3200
	.50	3700	3700	3700	3600	3600	3400	3300	3000	2700	2700	2700	2700
	.10	3200	3100	2900	2900	2900	2800	2700	2700	2300	2300	2300	2000
5200	.90	3600	3600	3600	3600	3200	3200	3200	2700	2500	2200	2000	2000
	.50	3300	3300	3300	3300	2900	2900	2600	2400	2000	1600	1500	1500
	.10	2900	2900	2900	2900	2700	2700	2300	2000	1600	1200	1100	1100
	.90	4400	4400	3600	3600	3600	3200	3200	3200	2600	2300	2100	2000
	.50	3400	3300	3300	3300	3100	2900	2900	2400	2200	1800	1600	1500
	.10	3000	2900	2900	2900	2800	2700	2500	2000	1900	1300	1200	1100
	.90	5200	5200	5200	5100	4900	4900	3700	3600	3200	3200	3200	3200
	.50	3700	3700	3700	3600	3500	3400	3300	3100	2800	2700	2700	2700
	.10	3200	3100	2900	2900	2900	2900	2800	2700	2300	2300	2300	2300
5300	.90	3600	3600	3600	3600	3300	3200	3200	3000	2500	2300	2100	2000
	.50	3300	3300	3300	3300	3000	2900	2900	2400	2000	1700	1500	1500
	.10	2900	2900	2900	2900	2700	2700	2500	2000	1800	1300	1100	1100
	.90	4500	4500	3600	3600	3600	3300	3200	3200	2700	2500	2200	2100
	.50	3400	3300	3300	3300	3100	2900	2900	2900	2200	1900	1600	1500
	.10	3000	2900	2900	2900	2800	2700	2500	2000	2000	1300	1200	1100
	.90	5300	5300	5300	5100	4900	4900	4200	3600	3200	3200	3200	3200
	.50	4000	4000	3800	3800	3600	3400	3300	3100	2900	2700	2700	2700
	.10	3600	3600	3100	2900	2900	2900	2800	2800	2300	2300	2300	2300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	4100	3600	3600	3600	3400	3200	3200	3200	2500	2300	2100	2000
	.50	3400	3300	3300	3300	3100	2900	2900	2900	2200	1700	1600	1500
	.10	3000	2900	2900	2900	2800	2700	2700	2500	2000	1300	1200	1100
	.90	4500	4500	3600	3600	3600	3400	3200	3200	3200	3000	2500	2300
	.50	3500	3300	3300	3300	3100	3000	2900	2900	2700	2400	1900	1600
	.10	3100	2900	2900	2900	2900	2700	2700	2700	2300	2000	1500	1200
	.90	5300	5300	5300	5100	4900	4900	4300	3600	3200	3200	3200	3200
	.50	4100	4100	4100	3800	3600	3500	3300	3300	2900	2700	2700	2700
	.10	3700	3700	3700	3200	2900	2900	2800	2800	2300	2300	2300	2300
5500	.90	4200	3600	3600	3600	3400	3300	3200	3200	2700	2300	2100	2000
	.50	3400	3300	3300	3300	3100	3000	2900	2900	2200	1900	1600	1500
	.10	3000	2900	2900	2900	2900	2700	2700	2700	2000	1400	1200	1100
	.90	4600	4600	3700	3600	3600	3400	3300	3200	3200	3200	3000	2500
	.50	3500	3400	3300	3300	3300	3000	2900	2900	2700	2700	2400	1900
	.10	3100	3000	2900	2900	2900	2800	2700	2700	2300	2300	2000	1500
	.90	5400	5400	5400	5100	4900	4900	4300	3700	3200	3200	3200	3200
	.50	4100	4100	4100	4100	3600	3500	3400	3300	2900	2700	2700	2700
	.10	3700	3700	3700	3700	2900	2900	2900	2800	2300	2300	2300	2300
5600	.90	4200	4200	3600	3600	3600	3300	3200	3200	3200	2700	2500	2200
	.50	3500	3300	3300	3300	3100	3000	2900	2900	2700	2400	1900	1600
	.10	3100	2900	2900	2900	2900	2800	2700	2700	2300	2000	1500	1200
	.90	4600	4600	3900	3600	3600	3400	3300	3300	3200	3200	3200	2700
	.50	3600	3400	3300	3300	3300	3100	3000	2900	2700	2700	2700	2200
	.10	3200	3000	2900	2900	2900	2800	2800	2700	2300	2300	2300	2000
	.90	5400	5400	5400	5100	4900	4900	4300	3700	3300	3200	3200	3200
	.50	4500	4200	4200	4200	3900	3500	3400	3300	2900	2700	2700	2700
	.10	4100	3800	3800	3800	3300	2900	2900	2800	2500	2300	2300	2300
5700	.90	4200	4200	3600	3600	3600	3400	3300	3200	3200	3200	2700	2500
	.50	3500	3400	3300	3300	3300	3000	3000	2800	2700	2700	2400	1900
	.10	3100	3000	2900	2900	2900	2800	2800	2700	2300	2300	2000	1500
	.90	4600	4600	4300	4000	3600	3600	3400	3300	3200	3200	3200	3200
	.50	3600	3500	3300	3300	3300	3100	3000	3000	2700	2700	2700	2700
	.10	3200	3100	2900	2900	2900	2900	2800	2700	2300	2300	2300	2300
	.90	5500	5500	5500	5100	4900	4900	4500	4200	3300	3200	3200	3200
	.50	4600	4600	4200	4200	4200	3500	3400	3300	2900	2700	2700	2700
	.10	4200	4200	3800	3800	3800	2900	2900	2900	2500	2300	2300	2300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- NOVEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4300	4300	3600	3600	3600	3400	3300	3300	3200	3200	3200	2700
	.50	3600	3400	3300	3300	3300	3100	3000	3000	2700	2700	2700	2200
	.10	3200	3000	2900	2900	2900	2900	2600	2700	2300	2300	2300	2000
	.90	4700	4700	4300	4300	3600	3600	3400	3300	3200	3200	3200	3200
	.50	4000	4000	3500	3300	3300	3100	3000	3000	2700	2700	2700	2700
	.10	3600	3600	3100	2900	2900	2900	2800	2800	2300	2300	2300	2300
	.90	5900	5900	5900	5500	4900	4900	4500	4400	3300	3200	3200	3200
	.50	4600	4600	4400	4400	4200	4000	3500	3400	2900	2700	2700	2700
	.10	4200	4200	3800	3800	3800	2900	2900	2900	2700	2300	2300	2300
	.90	4300	4300	4000	3600	3600	3400	3400	3300	3200	3200	3200	3200
5900	.50	3600	3500	3300	3300	3300	3100	3000	3000	2700	2700	2700	2700
	.10	3200	3100	2900	2900	2900	2900	2800	2800	2300	2300	2300	2300
	.90	4700	4700	4400	4400	4300	3600	3600	3400	3200	3200	3200	3200
	.50	4100	4100	4100	3500	3300	3200	3100	3000	2800	2700	2700	2700
	.10	3700	3700	3100	3100	2900	2900	2800	2800	2300	2300	2300	2300
	.90	5900	5900	5900	5900	5900	5600	4900	4600	3400	3200	3200	3200
	.50	4600	4600	4400	4400	4400	4300	4300	3800	3000	2700	2700	2700
	.10	4200	4200	3900	3900	3900	3400	2900	2900	2700	2300	2300	2300
	.90	4400	4400	4300	3600	3600	3500	3400	3300	3200	3200	3200	3200
	.50	4000	4000	3500	3300	3300	3100	3000	3000	2700	2700	2700	2700
6000	.10	3600	3600	3100	2900	2900	2900	2800	2800	2300	2300	2300	2300
	.90	4800	4800	4400	4400	4300	3600	3600	3400	3200	3200	3200	3200
	.50	4100	4100	4100	4100	3300	3300	3100	3000	2900	2900	2900	2700
	.10	3700	3700	3700	3700	2900	2900	2900	2800	2300	2300	2300	2300
	.90	5900	5900	5900	5900	5900	5600	4900	4600	3400	3200	3200	3200
	.50	4600	4600	4400	4400	4400	4300	4300	3800	3000	2700	2700	2700
	.10	4200	4200	3900	3900	3900	3400	2900	2900	2700	2300	2300	2300
	.90	4400	4400	4300	3600	3600	3500	3400	3300	3200	3200	3200	3200
	.50	4000	4000	3500	3300	3300	3100	3000	3000	2700	2700	2700	2700
	.10	3600	3600	3100	2900	2900	2900	2800	2800	2300	2300	2300	2300
6100	.90	4800	4800	4400	4400	4300	3600	3600	3400	3200	3200	3200	3200
	.50	4100	4100	4100	4100	3300	3300	3100	3000	2900	2900	2900	2700
	.10	3700	3700	3700	3700	2900	2900	2800	2800	2300	2300	2300	2300
	.90	4800	4800	4800	4500	4500	3900	3900	3600	3100	3100	3100	3100
	.50	4500	4500	4400	4400	4400	4300	4300	3800	3000	2700	2700	2700
	.10	4100	4100	4100	3500	3300	3100	3100	3000	2700	2700	2700	2700
	.90	4800	4800	4800	4500	4500	3900	3900	3600	3100	3100	3100	3100
	.50	4500	4500	4200	4200	4200	3300	3300	3100	2900	2900	2900	2700
	.10	4100	4100	3800	3800	3200	2900	2900	2800	2500	2300	2300	2300
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4900	4900	4900	4900
6200	.50	4600	4600	4600	4400	4400	4400	4400	4400	3100	2700	2700	2700
	.10	4200	4200	4200	4000	4000	3700	3700	3600	3100	3100	3100	3100
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4900	4900	4900	4900
	.50	4600	4600	4600	4400	4400	4400	4400	4400	3100	2700	2700	2700
	.10	4200	4200	4200	4000	4000	3700	3700	3600	3100	3100	3100	3100
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4900	4900	4900	4900
	.50	4600	4600	4600	4400	4400	4400	4400	4400	3100	2700	2700	2700
	.10	4200	4200	4200	4000	4000	3700	3700	3600	3100	3100	3100	3100
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4900	4900	4900	4900
	.50	4600	4600	4600	4400	4400	4400	4400	4400	3100	2700	2700	2700
.10	4200	4200	4200	4000	4000	3700	3700	3600	3100	3100	3100	3100	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4500	4400	4400	4400	3600	3600	3400	3400	3200	3200	3200	3200
	.50	4100	4100	4100	3300	3300	3300	3100	3000	2900	2700	2700	2700
	.10	3700	3700	3700	2900	2900	2900	2900	2800	2500	2300	2300	2300
	.90	4900	4900	4900	4500	4500	4300	3600	3600	3200	3200	3200	3200
	.50	4600	4200	4200	4200	4200	3300	3300	3100	2900	2700	2700	2700
	.10	4200	3800	3800	3800	3800	2900	2900	2900	2500	2300	2300	2300
	.90	5900	5900	5900	5900	5900	5900	5900	4900	3600	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	4400	4400	3300	2900	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
6300	.90	4800	4600	4500	4500	4500	3600	3600	3400	3200	3200	3200	3200
	.50	4500	4200	4200	3600	3600	3300	3100	3100	2900	2700	2700	2700
	.10	4100	3800	3800	3200	3200	2900	2900	2800	2500	2300	2300	2300
	.90	4900	4900	4900	4500	4500	4300	3600	3600	3200	3200	3200	3200
	.50	4600	4200	4200	4200	4200	3300	3300	3100	2900	2700	2700	2700
	.10	4200	3800	3800	3800	3800	2900	2900	2900	2700	2300	2300	2300
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4000	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	4400	4400	3300	2900	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
6400	.90	4900	4900	4900	4500	4500	3600	3600	3400	3200	3200	3200	3200
	.50	4600	4200	4200	4200	4200	3300	3300	3100	2900	2700	2700	2700
	.10	4200	3800	3800	3800	3800	2900	2900	2900	2700	2300	2300	2300
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4000	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	4400	4400	3300	2900	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
	.90	4900	4900	4900	4500	4500	3600	3600	3400	3200	3200	3200	3200
	.50	4600	4200	4200	4200	4200	3300	3300	3100	2900	2700	2700	2700
	.10	4200	3800	3800	3800	3800	2900	2900	2900	2700	2300	2300	2300
	.90	6300	6300	6300	5900	5900	5900	5900	5900	4500	3200	3200	3200
	.50	4800	4800	4800	4600	4600	4400	4400	4400	3500	2900	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3600	2900	2800	2400	2300	2300
6500	.90	4900	4900	4900	4500	4500	4100	4100	3600	3200	3200	3200	3200
	.50	4600	4200	4200	4200	4200	3300	3300	3100	2900	2700	2700	2700
	.10	4200	3800	3800	3800	3800	2900	2900	2900	2700	2300	2300	2300
	.90	6300	6300	6300	5900	5900	5900	5900	5900	4500	3200	3200	3200
	.50	4800	4800	4800	4600	4600	4400	4400	4400	3500	2900	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3600	2900	2800	2400	2300	2300
	.90	4900	4900	4900	4500	4500	4100	3600	3600	3200	3200	3200	3200
	.50	4600	4200	4200	4200	4200	3300	3300	3100	2900	2700	2700	2700
	.10	4200	3800	3800	3800	3800	2900	2900	2900	2700	2300	2300	2300
	.90	6300	6300	6300	5900	5900	5900	5900	5900	4700	3300	3200	3200
	.50	5500	4800	4800	4800	4800	4400	4400	4400	3500	2900	2700	2700
	.10	5100	4200	4200	4000	4000	4000	4000	3500	2800	2400	2300	2300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
SPAWNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
6600	.90	4900	4900	4700	4600	4600	4300	3600	3600	3200	3200	3200	3200
	.50	4600	4600	4300	4300	4300	3700	3300	3300	2900	2700	2700	2700
	.10	4200	4200	3900	3900	3900	3300	2900	2900	2700	2300	2300	2300
	.90	5100	5100	5100	4900	4900	4700	4300	4100	3300	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4000	3600	3300	2900	2700	2700	2700
	.10	4200	4200	4200	4000	4000	3600	2900	2900	2700	2300	2300	2300
	.90	6300	6300	6300	6300	6300	6300	5900	5900	4700	3300	3200	3200
	.50	5500	5200	4800	4800	4800	4800	4400	4400	4100	3000	2700	2700
	.10	5100	4800	4200	4200	4000	4000	4000	3500	2800	2400	2300	2300
6700	.90	4900	4900	4700	4600	4600	4600	4000	3600	3300	3200	3200	3200
	.50	4600	4600	4300	4300	4300	3800	3300	3300	2900	2700	2700	2700
	.10	4200	4200	3900	3900	3900	3500	2900	2900	2700	2300	2300	2300
	.90	5100	5100	5100	4900	4900	4700	4700	4400	3400	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3700	3500	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
	.90	6300	6300	6300	6300	6300	6300	5900	5900	4700	3300	3200	3200
	.50	5500	5500	4800	4800	4800	4800	4400	4400	4400	3000	2700	2700
	.10	5100	5100	4200	4200	4000	4000	4000	3700	2800	2500	2300	2300
6800	.90	4900	4900	4900	4800	4700	4700	4300	3600	3300	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4000	3300	3300	2900	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
	.90	5200	5200	5200	5100	5100	4900	4700	4700	3400	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3800	3600	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2800	2300	2300	2300
	.90	6300	6300	6300	6300	6300	6300	6000	5900	4700	3400	3200	3200
	.50	5600	5600	5300	4800	4800	4800	4800	4400	4400	3000	2700	2700
	.10	5200	5200	4900	4200	4000	4000	4000	4000	2800	2700	2300	2300
6900	.90	4900	4900	4900	4800	4700	4700	4300	4000	3300	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3700	3300	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
	.90	5200	5200	5200	5100	5100	4900	4700	4700	3400	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3800	3600	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2800	2300	2300	2300
	.90	6300	6300	6300	6300	6300	6300	6000	5900	4700	3400	3200	3200
	.50	5600	5600	5300	4800	4800	4800	4800	4400	4400	3000	2700	2700
	.10	5200	5200	4900	4200	4000	4000	4000	4000	2800	2700	2300	2300
	.90	4900	4900	4900	4800	4700	4700	4300	4000	3300	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3700	3300	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
	.90	5200	5200	5200	5100	5100	4900	4700	4700	3400	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3900	3700	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2800	2300	2300	2300
	.90	6300	6300	6300	6300	6300	6300	6000	5900	4700	3400	3200	3200
	.50	5600	5600	5300	4800	4800	4800	4800	4400	4400	3000	2800	2700
	.10	5200	5200	4900	4200	4000	4000	4000	4000	2800	2700	2300	2300
	.90	4900	4900	4900	4800	4700	4700	4300	4000	3300	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3700	3300	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
	.90	5200	5200	5200	5100	5100	4900	4700	4700	3400	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3900	3700	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2800	2300	2300	2300
	.90	6300	6300	6300	6300	6300	6300	6000	5900	4700	3400	3200	3200
	.50	5600	5600	5300	4800	4800	4800	4800	4400	4400	3000	2800	2700
	.10	5200	5200	4900	4200	4000	4000	4000	4000	2800	2700	2300	2300
	.90	4900	4900	4900	4800	4700	4700	4300	4000	3300	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3700	3300	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2700	2300	2300	2300
	.90	5200	5200	5200	5100	5100	4900	4700	4700	3400	3200	3200	3200
	.50	4600	4600	4600	4400	4400	4400	3900	3700	3000	2700	2700	2700
	.10	4200	4200	4200	4000	4000	4000	3500	2900	2800	2300	2300	2300
	.90	6300	6300	6300	6300	6300	6300	6000	5900	4700	3400	3200	3200
	.50	5600	5600	5300	4800	4800	4800	4800	4400	4400	3000	2800	2700
	.10	5200	5200	4900	4200	4000	4000	4000	4000	2800	2700	2300	2300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - NOVEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		4900	4900	4900	4700	4700	4400	4000	3300	3200	3200	3200
	.50		4600	4600	4400	4400	4400	3800	3300	3000	2700	2700	2700
	.10		4200	4200	4000	4000	4000	3500	2900	2800	2300	2300	2300
	.90	.50	5800	5200	5100	4900	4900	4700	4700	3600	3200	3200	3200
	.50		5500	4600	4400	4400	4400	4400	3700	3100	2800	2700	2700
	.10		5100	4200	4000	4000	4000	4000	3500	2800	2300	2300	2300
	.90	.10	6300	6300	6300	6300	6300	6300	5900	4800	3400	3200	3200
	.50		5700	5300	4800	4800	4800	4800	4600	4400	3100	2900	2700
	.10		5300	4900	4200	4000	4000	4000	4000	2900	2700	2300	2300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	600	600	600	600	600	600	600	600	400	300	300	200
	.50	300	300	300	300	200	200	100	100	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	800	800	800	800	800	700	600	600	500	300	300	300
	.50	500	500	300	300	300	300	200	200	100	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	2300	2300	1500	1500	1200	1100	1100	1100	900	800	600	500
	.50	800	800	700	700	700	600	600	600	400	200	0	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	800	800	600	600	600	600	600	600	400	300	300	200
	.50	500	500	300	300	300	200	100	100	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	900	800	800	800	800	800	800	700	600	400	300	300
	.50	500	500	500	500	400	300	300	300	100	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	2300	2300	1500	1500	1300	1300	1200	1100	1100	900	800	600
	.50	800	800	800	800	800	800	700	700	600	300	100	0
	.10	200	200	200	200	100	100	0	0	0	0	0	0
	.90	800	800	800	800	800	800	700	600	500	300	300	300
	.50	500	500	500	500	400	300	300	200	100	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	900	900	900	900	800	800	800	800	600	400	300	300
	.50	600	600	500	500	500	400	300	300	100	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	2300	2300	1500	1500	1400	1300	1300	1300	1100	900	900	800
	.50	900	900	900	900	800	800	800	800	600	400	200	100
	.10	200	200	200	200	200	100	0	0	0	0	0	0
	.90	900	900	800	800	800	800	700	700	600	400	300	300
	.50	600	600	500	500	500	300	300	300	100	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1000	900	900	900	900	800	800	800	600	500	300	300
	.50	700	600	600	500	500	400	400	400	200	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	2300	2300	1500	1500	1500	1400	1400	1300	1100	1000	900	800
	.50	1100	1100	1100	1100	900	900	900	800	700	400	400	200
	.10	400	400	400	400	200	200	200	100	0	0	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PJNK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1000	900	900	900	800	800	800	800	600	400	300	300
	.50	700	600	500	500	500	400	300	300	100	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1200	1000	1000	1000	1000	900	900	900	700	500	400	300
	.50	800	700	700	700	600	500	400	400	300	100	0	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	2900	2300	2100	1500	1500	1500	1400	1400	1300	1100	900	900
	.50	1300	1100	1100	1100	1100	900	900	900	800	500	400	300
	.10	400	400	400	400	400	200	200	200	0	0	0	0
1900	.90	1000	1000	1000	1000	900	900	900	800	600	400	300	300
	.50	700	700	700	700	600	500	400	400	200	0	0	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	1200	1200	1100	1100	1100	1100	1000	1000	800	600	500	300
	.50	800	800	800	800	700	700	600	600	400	100	0	0
	.10	200	200	200	200	100	100	0	0	0	0	0	0
	.90	2900	2900	2300	2300	1500	1500	1500	1400	1300	1100	900	900
	.50	1300	1300	1200	1100	1100	1100	900	900	800	600	400	300
	.10	400	400	400	400	400	400	200	200	0	0	0	0
2000	.90	1200	1100	1100	1100	1000	1000	900	900	700	500	400	300
	.50	800	800	800	800	700	600	500	400	300	100	0	0
	.10	200	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1200	1200	1200	1100	1100	1100	1100	900	700	600	400
	.50	800	800	800	800	800	700	700	600	400	200	100	0
	.10	200	200	200	200	200	100	0	0	0	0	0	0
	.90	2900	2900	2300	2300	1700	1500	1500	1500	1300	1100	1000	900
	.50	1300	1300	1200	1100	1100	1100	1000	900	800	600	400	400
	.10	500	500	400	400	400	400	200	200	0	0	0	0
2100	.90	1200	1200	1100	1100	1100	1100	1100	1000	800	600	400	300
	.50	800	800	800	800	800	700	600	600	400	100	0	0
	.10	200	200	200	200	200	100	0	0	0	0	0	0
	.90	1300	1300	1300	1300	1300	1300	1100	1100	1000	800	600	500
	.50	900	900	900	900	800	800	800	700	600	300	100	0
	.10	300	200	200	200	200	200	100	0	0	0	0	0
	.90	2900	2900	2300	2300	1700	1500	1500	1500	1300	1100	1100	900
	.50	1300	1300	1200	1200	1100	1100	1100	1000	800	600	400	400
	.10	500	500	400	400	400	400	200	200	0	0	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	.90	1200	1200	1200	1100	1100	1100	1100	900	700	500	400
	.50	.50	900	800	800	800	700	700	600	500	200	100	0
	.10	.10	300	200	200	200	100	100	0	0	0	0	0
	.90	.90	1500	1500	1500	1400	1300	1300	1300	1100	900	800	600
	.50	.50	1100	1100	1100	900	800	800	800	600	400	300	100
	.10	.10	400	400	400	200	200	200	100	0	0	0	0
	.90	.90	2900	2300	2300	2200	1600	1500	1500	1400	1300	1100	1000
	.50	.50	1300	1300	1300	1100	1100	1100	1000	900	700	600	400
	.10	.10	500	500	500	400	400	400	200	100	0	0	0
2300	.90	.90	1300	1300	1300	1300	1300	1100	1100	1000	800	600	400
	.50	.50	1000	900	900	800	800	800	700	600	300	100	0
	.10	.10	400	200	200	200	100	100	0	0	0	0	0
	.90	.90	1500	1500	1500	1500	1400	1400	1300	1100	900	900	800
	.50	.50	1100	1100	1100	1100	900	900	900	800	500	400	200
	.10	.10	400	400	400	400	200	200	200	0	0	0	0
	.90	.90	2900	2300	2300	2300	1800	1600	1500	1400	1300	1100	1100
	.50	.50	1300	1300	1300	1100	1100	1100	1000	900	800	600	400
	.10	.10	500	500	500	500	400	400	300	100	0	0	0
2400	.90	.90	1500	1500	1500	1400	1300	1300	1300	1100	900	800	600
	.50	.50	1100	1100	1100	900	900	800	800	600	400	300	100
	.10	.10	400	400	400	200	200	200	100	0	0	0	0
	.90	.90	1600	1500	1500	1500	1500	1400	1400	1200	1000	900	800
	.50	.50	1100	1100	1100	1100	900	900	900	800	600	400	300
	.10	.10	500	400	400	400	400	200	200	0	0	0	0
	.90	.90	2900	2300	2300	2300	1900	1600	1500	1500	1300	1200	1100
	.50	.50	1600	1400	1400	1100	1100	1100	1100	900	800	600	500
	.10	.10	900	700	500	500	500	400	400	100	0	0	0
	.90	.90	1500	1500	1500	1500	1400	1400	1300	1100	900	900	700
	.50	.50	1100	1100	1100	1100	900	900	900	800	500	400	200
	.10	.10	500	400	400	400	200	200	200	0	0	0	0
	.90	.90	1700	1700	1500	1500	1500	1400	1400	1300	1100	900	900
	.50	.50	1200	1200	1100	1100	1100	1000	900	800	600	400	300
	.10	.10	500	500	500	400	400	200	200	0	0	0	0
	.90	.90	2900	2900	2300	2300	1900	1600	1600	1500	1400	1300	1100
	.50	.50	1700	1400	1400	1400	1100	1100	1100	900	800	600	500
	.10	.10	900	700	500	500	500	200	200	0	0	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1600	1500	1500	1500	1500	1500	1400	1400	1300	1000	900	800
	.50	1100	1100	1100	1100	1100	1100	900	900	800	600	400	300
	.10	500	500	500	500	400	400	200	200	0	0	0	0
	.90	1700	1700	1500	1500	1500	1500	1500	1400	1300	1100	900	900
	.50	1200	1200	1100	1100	1100	1100	1100	900	800	600	400	400
	.10	500	500	500	500	400	400	300	200	0	0	0	0
	.90	2900	2300	2300	2300	2300	2200	2100	2000	1500	1400	1300	1200
	.50	1800	1800	1800	1800	1800	1500	1100	1100	900	800	700	600
	.10	1100	1100	1100	1100	1100	600	500	500	200	0	0	0
	.90	1700	1500	1500	1500	1500	1400	1400	1400	1300	1100	900	800
	.50	1200	1100	1100	1100	1100	1100	1000	900	800	600	400	400
	.10	500	500	500	500	400	400	300	200	0	0	0	0
	.90	1700	1700	1700	1700	1500	1500	1500	1400	1300	1100	900	900
	.50	1200	1200	1200	1200	1100	1100	1100	1000	800	600	400	400
	.10	500	500	500	500	500	400	400	200	0	0	0	0
	.90	3100	2900	2300	2300	2300	2300	2200	2200	1600	1500	1400	1300
	.50	1900	1900	1900	1900	1900	1800	1800	1500	1000	900	800	600
	.10	1200	1200	1200	1200	1200	1100	1100	700	200	0	0	0
	.90	1700	1700	1700	1500	1500	1500	1400	1400	1300	1100	900	900
	.50	1200	1200	1200	1100	1100	1100	1100	900	800	600	400	400
	.10	500	500	500	500	500	400	400	200	0	0	0	0
	.90	1800	1800	1800	1800	1500	1500	1500	1500	1300	1100	1000	900
	.50	1300	1300	1300	1300	1100	1100	1100	1000	900	700	500	400
	.10	700	700	500	500	500	400	400	300	100	0	0	0
	.90	3800	3000	2900	2300	2300	2300	2300	2200	1700	1500	1400	1300
	.50	2200	1900	1900	1900	1900	1800	1800	1800	1100	900	800	700
	.10	1200	1200	1200	1200	1200	1100	1100	1100	400	100	0	0
	.90	1700	1700	1700	1700	1500	1500	1500	1400	1300	1100	900	900
	.50	1300	1300	1200	1200	1100	1100	1100	1000	800	600	400	400
	.10	700	700	500	500	500	400	400	200	0	0	0	0
	.90	2000	1800	1800	1800	1500	1500	1500	1500	1400	1200	1100	900
	.50	1600	1300	1300	1300	1100	1100	1100	1100	900	800	600	400
	.10	900	700	500	500	500	400	400	400	100	0	0	0
	.90	3900	3100	3000	2900	2300	2300	2300	2200	1700	1500	1400	1400
	.50	2300	1900	1900	1900	1900	1800	1800	1800	1100	900	800	700
	.10	1200	1200	1200	1200	1200	1100	1100	1100	400	100	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1800	1800	1800	1800	1500	1500	1500	1500	1300	1100	1000	900
	.50	1300	1300	1300	1300	1100	1100	1100	1100	900	700	500	400
	.10	700	700	500	500	500	400	400	400	100	0	0	0
	.90	2300	1900	1900	1900	1600	1500	1500	1500	1400	1300	1100	1000
	.50	1700	1500	1400	1400	1300	1100	1100	1100	900	800	600	400
	.10	1000	900	700	500	500	500	400	400	100	0	0	0
	.90	3900	3900	3000	2900	2300	2300	2300	2300	2100	1600	1500	1400
	.50	2300	2300	1900	1900	1900	1800	1800	1800	1500	900	800	800
	.10	1200	1200	1200	1200	1200	1100	1100	1100	600	100	0	0
	.90	2000	1800	1800	1800	1500	1500	1500	1500	1400	1100	1100	900
3100	.50	1600	1500	1300	1300	1100	1100	1100	1100	900	800	600	400
	.10	900	900	700	500	500	400	400	400	100	0	0	0
	.90	2300	2200	2200	2200	2200	1900	1600	1500	1400	1300	1100	1100
	.50	1800	1800	1800	1800	1800	1400	1300	1100	900	800	600	500
	.10	1100	1100	1100	1100	1100	700	500	500	200	0	0	0
	.90	3900	3900	3300	3000	2900	2300	2300	2300	2100	1800	1600	1500
	.50	2300	2300	2300	1900	1900	1900	1900	1800	1500	1100	900	800
	.10	1600	1600	1200	1200	1200	1200	1200	1100	600	400	100	0
	.90	2100	1900	1900	1900	1800	1500	1500	1500	1400	1300	1100	900
	.50	1700	1500	1500	1500	1400	1100	1100	1100	900	800	600	400
3200	.10	1000	900	900	900	500	500	400	400	100	0	0	0
	.90	2300	2300	2300	2300	2300	2200	2200	2000	1500	1400	1300	1100
	.50	1900	1900	1900	1900	1900	1800	1800	1500	1000	900	700	600
	.10	1200	1200	1200	1200	1200	1100	1100	900	200	0	0	0
	.90	4000	4000	3300	3100	2900	2700	2300	2300	2100	2000	1700	1500
	.50	2400	2400	2300	2300	2300	1900	1900	1800	1500	1500	1000	900
	.10	1600	1600	1600	1600	1600	1200	1200	1200	700	600	200	0
	.90	2200	2200	2200	2200	2200	1900	1800	1500	1400	1300	1100	1000
	.50	1800	1800	1800	1800	1800	1500	1400	1100	900	800	600	500
	.10	1100	1100	1100	1100	1100	900	500	500	200	0	0	0
3300	.90	2300	2300	2300	2300	2300	2200	2200	2200	1500	1400	1300	1100
	.50	1900	1900	1900	1900	1900	1800	1800	1500	1000	900	700	600
	.10	1200	1200	1200	1200	1200	1100	1100	900	200	0	0	0
	.90	4000	4000	3300	3100	2900	2700	2300	2300	2100	2000	1700	1500
	.50	2400	2400	2300	2300	2300	1900	1900	1800	1500	1500	1000	900
	.10	1600	1600	1600	1600	1600	1200	1200	1200	700	600	200	0
	.90	2200	2200	2200	2200	2200	1900	1800	1500	1400	1300	1100	1000
	.50	1800	1800	1800	1800	1800	1500	1400	1100	900	800	600	500
	.10	1100	1100	1100	1100	1100	900	500	500	200	0	0	0
	.90	2300	2300	2300	2300	2300	2200	2200	2200	1500	1400	1300	1100
.50	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	600	
.10	1200	1200	1200	1200	1200	1100	1100	1100	400	100	0	0	
.90	4000	4000	3300	3200	2900	2700	2700	2700	2300	2000	1900	1600	
.50	2400	2400	2300	2300	2300	2300	2300	1900	1900	1500	1100	1000	
.10	1600	1600	1600	1600	1600	1600	1600	1200	700	600	400	100	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK; SPawning MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2300	2300	2300	2300	2300	2200	2200	2000	1500	1300	1200	1100
	.50	1900	1900	1900	1900	1900	1800	1800	1500	1000	900	800	600
	.10	1200	1200	1200	1200	1200	1100	1100	900	200	0	0	0
	.90	2300	2300	2300	2300	2300	2300	2200	2200	1500	1400	1300	1300
	.50	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	600
	.10	1200	1200	1200	1200	1200	1100	1100	1100	400	100	0	0
	.90	4100	4100	3300	3300	2900	2700	2700	2300	2200	2000	2000	1700
	.50	2500	2500	2300	2300	2300	2300	1900	1900	1600	1500	1500	1000
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	500	200
3500	.90	2300	2300	2300	2300	2300	2200	2200	2200	1500	1400	1300	1100
	.50	1900	1900	1900	1900	1900	1600	1800	1800	1100	900	800	600
	.10	1200	1200	1200	1200	1200	1100	1100	1100	400	100	0	0
	.90	4200	4200	3300	3300	2900	2700	2700	2600	2200	2000	2000	1800
	.50	2600	2600	2300	2300	2300	2300	1900	1900	1600	1500	1500	1000
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	500	200
3600	.90	2300	2300	2300	2300	2300	2200	2200	2200	1500	1400	1300	1100
	.50	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	600
	.10	1200	1200	1200	1200	1200	1100	1100	1100	400	100	0	0
	.90	2900	2700	2300	2300	2300	2300	2200	2200	1800	1500	1400	1300
	.50	2300	2300	1900	1900	1900	1900	1800	1800	1500	900	800	800
	.10	1600	1600	1200	1200	1200	1200	1100	1100	700	200	0	0
	.90	4200	4200	3300	3300	3000	2700	2700	2700	2200	2000	2000	1800
	.50	2600	2600	2300	2300	2300	2300	2000	1900	1600	1500	1500	1100
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	600	200
3700	.90	2300	2300	2300	2300	2300	2200	2200	2200	1500	1400	1300	1300
	.50	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	700
	.10	1200	1200	1200	1200	1200	1100	1100	1100	400	100	0	0
	.90	2900	2900	2700	2700	2700	2300	2300	2300	2100	1700	1500	1400
	.50	2300	2300	2300	2300	2300	1900	1900	1800	1500	1100	900	800
	.10	1600	1600	1600	1600	1600	1200	1200	1100	700	500	100	0
	.90	4300	4300	3400	3300	3000	2700	2700	2700	2300	2100	2000	1800
	.50	2800	2800	2300	2300	2300	2300	2200	2200	1600	1500	1500	1100
	.10	2100	2100	1600	1600	1600	1600	1600	1200	900	600	600	200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK;  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2700	2700	2300	2300	2300	2300	2200	2200	1800	1500	1400	1300
	.50	2300	2300	1900	1900	1900	1900	1800	1800	1500	900	800	800
	.10	1600	1600	1200	1200	1200	1200	1100	1100	700	200	0	0
	.90	2900	2900	2700	2700	2700	2700	2300	2300	2100	2000	1600	1500
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1000	900
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	200	100
	.90	4300	4300	3400	3300	3200	2900	2700	2700	2300	2100	2000	1900
	.50	2900	2900	2800	2800	2300	2300	2300	2200	1800	1500	1500	1100
	.10	2200	2200	2100	2100	1600	1600	1600	1600	1000	600	600	200
3900	.90	2700	2700	2700	2700	2700	2300	2300	2200	2000	1600	1500	1400
	.50	2300	2300	2300	2300	2300	1900	1900	1800	1500	1100	900	800
	.10	1600	1600	1600	1600	1600	1200	1200	1100	700	300	100	0
	.90	2900	2900	2700	2700	2700	2700	2300	2300	2100	2000	1700	1500
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1100	900
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	500	100
	.90	4300	4300	4000	3300	3300	3000	2900	2700	2400	2200	2000	2000
	.50	2900	2900	2900	2800	2700	2300	2300	2200	1800	1500	1500	1300
	.10	2200	2200	2200	2100	1600	1600	1600	1600	1100	700	600	400
4000	.90	2700	2700	2700	2700	2700	2700	2300	2300	2100	2000	1500	1400
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1000	900
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	300	100
	.90	2900	2900	2700	2700	2700	2700	2300	2300	2100	2000	1900	1600
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1500	1000
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	600	200
	.90	4400	4400	4000	4000	3400	3200	2900	2700	2500	2200	2000	2000
	.50	3000	3000	3000	3000	2800	2300	2300	2300	1800	1500	1500	1400
	.10	2300	2300	2300	2300	2100	1600	1600	1600	1100	700	600	400
4100	.90	2700	2700	2700	2700	2700	2700	2300	2300	2100	2000	1600	1500
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1100	900
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	500	200
	.90	2900	2900	2700	2700	2700	2700	2300	2300	2100	2000	1600	1600
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1100	900
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	500	200
	.90	2900	2900	2700	2700	2700	2700	2300	2300	2200	2000	2000	1600
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1500	1000
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	600	200
	.90	4400	4400	4000	4000	3400	3200	2900	2700	2500	2200	2000	2000
	.50	3000	3000	3000	3000	2800	2300	2300	2300	1800	1500	1500	1400
	.10	2300	2300	2300	2300	2100	1600	1600	1600	1100	700	600	400
	.90	2700	2700	2700	2700	2700	2700	2300	2300	2100	2000	1600	1500
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1100	900
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	500	200
	.90	2900	2900	2700	2700	2700	2700	2300	2300	2200	2000	2000	1600
	.50	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1500	1000
	.10	1600	1600	1600	1600	1600	1600	1200	1200	700	600	600	200
	.90	4400	4400	4000	4000	3400	3200	3000	2900	2500	2200	2000	2000
	.50	3000	3000	3000	3000	2800	2300	2200	1900	1600	1500	1500	1000
	.10	1600	1600	1600	1600	1600	1600	1600	1200	900	600	600	200
	.90	4400	4400	4000	4000	3400	3200	3000	2900	2500	2200	2100	2000
	.50	3000	3000	3000	3000	2800	2400	2300	2300	1900	1600	1500	1400
	.10	2300	2300	2300	2300	2100	1600	1600	1600	1100	700	600	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2700	2700	2700	2700	2700	2700	2500	2300	2100	2000	1800	1500
	.50	2300	2300	2300	2300	2300	2300	2200	1900	1600	1500	1500	1000
	.10	1600	1600	1600	1600	1600	1600	1600	1200	900	600	600	200
	.90	3200	3200	2700	2700	2700	2700	2500	2500	2200	2000	2000	1600
	.50	2800	2800	2300	2300	2300	2300	2200	2100	1600	1500	1500	1000
	.10	2100	2100	1600	1600	1600	1600	1600	1400	900	600	600	200
	.90	4500	4500	4000	4000	3500	3300	3100	3000	2500	2300	2100	2000
	.50	3100	3100	3100	3100	2800	2400	2300	2300	1900	1600	1500	1500
	.10	2400	2400	2400	2400	2100	1600	1600	1600	1100	700	600	500
4300	.90	2700	2700	2700	2700	2700	2700	2500	2300	2100	2000	1800	1600
	.50	2300	2300	2300	2300	2300	2300	2200	2000	1600	1500	1500	1000
	.10	1600	1600	1600	1600	1600	1600	1600	1400	900	600	600	200
	.90	3300	3300	3200	3200	2700	2700	2700	2500	2200	2000	2000	1700
	.50	2900	2900	2800	2800	2300	2300	2300	2200	1800	1500	1500	1000
	.10	2200	2200	2100	2100	1600	1600	1600	1600	1100	600	600	300
	.90	4500	4500	4000	4000	3500	3300	3100	3000	2500	2300	2100	2000
	.50	3100	3100	3100	3100	2800	2400	2300	2300	1900	1600	1500	1500
	.10	2400	2400	2400	2400	2100	1600	1600	1600	1200	700	600	500
	.90	3200	3200	2700	2700	2700	2700	2500	2500	2200	2000	1900	1600
	.50	2800	2800	2300	2300	2300	2300	2200	2200	1600	1500	1500	1000
	.10	2100	2100	1600	1600	1600	1600	1600	1600	1000	600	600	300
	.90	3300	3300	3300	3200	3000	2700	2700	2500	2200	2000	2000	1800
	.50	2900	2900	2900	2800	2300	2300	2300	2200	1800	1500	1500	1100
	.10	2200	2200	2200	2100	1600	1600	1600	1600	1100	700	600	400
	.90	4600	4600	4600	4000	3600	3300	3200	3000	2500	2300	2100	2000
	.50	3200	3200	3200	3200	3000	2400	2300	2300	2000	1600	1500	1500
	.10	2500	2500	2500	2500	2100	1600	1600	1600	1200	700	600	600
4500	.90	3300	3300	3200	3200	2700	2700	2700	2500	2200	2000	2000	1600
	.50	2900	2900	2800	2800	2300	2300	2300	2200	1800	1500	1500	1000
	.10	2200	2200	2100	2100	1600	1600	1600	1600	1100	600	600	400
	.90	4600	4600	4600	4000	3600	3300	3200	3000	2500	2300	2100	2000
	.50	3200	3200	3200	3200	3000	2400	2300	2300	2000	1600	1500	1500
	.10	2500	2500	2500	2500	2100	1600	1600	1600	1200	700	600	600
	.90	4600	4600	4600	4000	3600	3300	3200	3000	2500	2300	2100	2000
	.50	3200	3200	3200	3200	3000	2400	2300	2300	2000	1600	1500	1500
	.10	2500	2500	2500	2500	2100	1600	1600	1600	1100	600	600	400
	.90	4600	4600	4600	4000	3600	3300	3200	3000	2500	2300	2100	2000
	.50	3200	3200	3200	3200	3000	2400	2300	2300	2000	1600	1500	1500
	.10	2500	2500	2500	2500	2100	1600	1600	1600	1100	600	600	400
	.90	4600	4600	4600	4000	3600	3300	3200	3000	2500	2300	2100	2000
	.50	3200	3200	3200	3200	3000	2400	2300	2300	2000	1600	1500	1500
	.10	2500	2500	2500	2500	2100	1600	1600	1600	1100	600	600	400
	.90	4600	4600	4600	4000	3600	3300	3200	3000	2500	2300	2100	2000
	.50	3200	3200	3200	3200	3000	2400	2300	2300	2000	1600	1500	1500
	.10	2500	2500	2500	2500	2100	1600	1600	1600	1100	600	600	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	.90	3300	3300	3200	2900	2700	2700	2500	2200	2000	2000	1700
	.50	.50	2900	2900	2800	2300	2300	2300	2200	1800	1500	1500	1100
	.10	.10	2200	2200	2100	1600	1600	1600	1600	1100	700	600	400
	.50	.50	3800	3400	3400	3200	2900	2700	2700	2300	2100	2000	1900
	.50	.50	3000	3000	3000	2800	2300	2300	2300	1800	1500	1500	1100
	.10	.10	2300	2300	2300	2100	1600	1600	1600	1100	700	600	500
	.90	.90	4700	4700	4000	3700	3300	3200	3100	2700	2300	2200	2100
	.50	.50	3200	3200	3200	3000	2800	2400	2300	2000	1600	1500	1500
	.10	.10	2500	2500	2500	2300	2100	1600	1600	1200	700	700	600
4700	.90	.90	3400	3400	3400	3200	2700	2700	2500	2300	2000	2000	1800
	.50	.50	3000	3000	3000	2800	2300	2300	2200	1800	1500	1500	1100
	.10	.10	2300	2300	2300	2100	1600	1600	1600	1100	700	600	400
	.90	.90	3900	3500	3500	3200	2900	2700	2700	2300	2100	2000	1900
	.50	.50	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1200
	.10	.10	2400	2400	2400	2100	1600	1600	1600	1100	700	600	500
	.90	.90	4700	4700	4600	4000	3600	3200	3200	2700	2400	2200	2100
	.50	.50	3300	3200	3200	3100	2900	2800	2700	2200	1800	1600	1500
	.10	.10	2600	2500	2500	2300	2300	2100	1600	1400	900	700	600
4800	.90	.90	3400	3400	3400	3200	2700	2700	2700	2300	2100	2000	1800
	.50	.50	3000	3000	3000	2800	2300	2300	2300	1800	1500	1500	1100
	.10	.10	2300	2300	2300	2100	1600	1600	1600	1100	700	600	500
	.90	.90	3900	3900	3500	3200	3000	2700	2700	2400	2200	2000	2000
	.50	.50	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1400
	.10	.10	2400	2400	2400	2100	1600	1600	1600	1200	700	600	500
	.90	.90	4800	4800	4700	4000	3600	3300	3200	3200	3000	2500	2300
	.50	.50	3300	3200	3200	3200	3000	2900	2800	2700	2300	1800	1600
	.10	.10	2600	2500	2500	2400	2300	2100	1800	1800	1600	1000	700
4900	.90	.90	3500	3500	3500	3200	2700	2700	2700	2300	2100	2000	1800
	.50	.50	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1100
	.10	.10	2400	2400	2400	2100	1600	1600	1600	1200	700	600	500
	.90	.90	4800	4800	4700	4000	3600	3300	3200	3200	3000	2500	2300
	.50	.50	3300	3200	3200	3200	3000	2900	2800	2700	2300	1800	1600
	.10	.10	2600	2500	2500	2400	2300	2100	1800	1800	1600	1000	700
	.90	.90	3500	3500	3500	3200	2700	2700	2700	2300	2100	2000	1800
	.50	.50	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1100
	.10	.10	2400	2400	2400	2100	1600	1600	1600	1200	700	600	500
	.90	.90	3900	3900	3600	3300	3000	2900	2700	2400	2200	2000	2000
	.50	.50	3200	3200	3200	2800	2300	2300	2300	1900	1600	1500	1500
	.10	.10	2500	2500	2500	2100	1600	1600	1600	1200	700	600	600
	.90	.90	4800	4800	4800	4600	3800	3600	3300	3200	3200	3000	2500
	.50	.50	3400	3400	3200	3200	3000	2900	2900	2700	2700	2700	1800
	.10	.10	2700	2500	2500	2500	2300	2300	2100	1800	1800	1600	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5000	.90	3500	3500	3500	3500	3200	2700	2700	2700	2300	2100	2000	1900	
		3100	3100	3100	3100	2800	2300	2300	2300	2300	1900	1600	1500	1300
		2400	2400	2400	2400	2100	1600	1600	1600	1600	1200	700	600	500
		4000	4000	3600	3600	3300	3200	3000	3000	2700	2500	2200	2100	2000
		3200	3200	3200	3200	2900	2800	2300	2300	2300	1900	1600	1500	1500
		2500	2500	2500	2500	2300	2100	1600	1600	1600	1200	700	600	600
		4900	4900	4900	4800	4800	4000	3600	3600	3400	3200	3200	3200	2800
		3400	3400	3300	3200	3200	3200	3000	3000	3000	2700	2700	2700	2200
		2700	2500	2500	2500	2500	2400	2300	2300	2300	1800	1800	1800	1200
		3600	3600	3600	3600	3200	3200	2900	2700	2700	2300	2100	2000	2000
5100	.90	3200	3200	3200	3200	2900	2800	2300	2300	1900	1600	1500	1400	
		2500	2500	2500	2500	2300	2100	1600	1600	1600	1200	700	600	600
		4000	4000	3600	3600	3300	3200	3200	3200	2900	2500	2300	2100	2000
		3200	3200	3200	3200	3000	2900	2600	2600	2300	2000	1600	1500	1500
		2500	2500	2500	2500	2300	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4600	3600	3600	3600	3200	3200	3200	3200
		3500	3500	3300	3200	3200	3200	3100	3100	3000	2700	2700	2700	2700
		2800	2600	2500	2500	2500	2400	2400	2300	2300	1800	1800	1800	1600
		3600	3600	3600	3600	3200	3200	2900	3000	2700	2400	2200	2000	2000
		3200	3200	3200	3200	2900	2900	2600	2600	2300	2000	1600	1500	1500
5200	.90	4100	4100	3600	3600	3400	3200	3200	3200	2500	2300	2100	2000	
		3300	3200	3200	3200	3000	2900	2900	2900	2700	2400	2200	2000	1500
		2600	2500	2500	2500	2400	2300	1900	1900	1600	1200	700	700	600
		4900	4900	4900	4800	4800	4600	3600	3600	3600	3200	3200	3200	3200
		3500	3500	3300	3200	3200	3200	3100	3100	3000	2700	2700	2700	2700
		2800	2600	2500	2500	2500	2400	2400	2300	2300	1800	1800	1800	1600
		3600	3600	3600	3600	3200	3200	2900	3000	2700	2400	2200	2000	2000
		3200	3200	3200	3200	2900	2900	2600	2600	2300	2000	1600	1500	1500
		2500	2500	2500	2500	2300	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4600	3600	3600	3600	3200	3200	3200	3200
5300	.90	3500	3500	3300	3300	3200	3200	3100	3000	2700	2700	2700	2700	
		2800	2600	2500	2500	2500	2400	2400	2300	2300	1800	1800	1800	
		3600	3600	3600	3600	3300	3200	3200	3200	2900	2500	2200	2100	2000
		3200	3200	3200	3200	3000	2900	2900	2900	2700	2400	2200	2100	2000
		2500	2500	2500	2500	2300	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4700	3600	3600	3600	3200	3200	3200	3200
		3500	3500	3300	3300	3200	3200	3100	3100	3000	2700	2700	2700	2700
		2800	2600	2500	2500	2500	2400	2400	2300	2300	1800	1800	1800	1800
		3600	3600	3600	3600	3300	3200	3200	3200	2900	2500	2200	2100	2000
		3200	3200	3200	3200	3000	2900	2900	2900	2700	2400	2200	2100	2000
5000	.50	4200	4200	3600	3600	3600	3200	3200	3200	2700	2300	2200	2100	
		3300	3200	3200	3200	3000	2900	2900	2900	2800	2200	1700	1600	1500
		2600	2500	2500	2500	2400	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4700	3600	3600	3600	3200	3200	3200	3200
		3500	3500	3300	3200	3200	3200	3100	3100	3000	2700	2700	2700	2700
		2800	2600	2500	2500	2500	2400	2400	2300	2300	1800	1800	1800	1600
		3600	3600	3600	3600	3300	3200	3200	3200	2900	2500	2200	2100	2000
		3200	3200	3200	3200	3000	2900	2900	2900	2700	2400	2200	2100	2000
		2500	2500	2500	2500	2300	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4700	3600	3600	3600	3200	3200	3200	3200
5100	.50	4200	4200	3600	3600	3600	3200	3200	3200	2700	2300	2200	2100	
		3300	3200	3200	3200	3000	2900	2900	2900	2800	2200	1700	1600	1500
		2600	2500	2500	2500	2400	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4700	3600	3600	3600	3200	3200	3200	3200
		3500	3500	3300	3200	3200	3200	3100	3100	3000	2700	2700	2700	2700
		2800	2600	2500	2500	2500	2400	2400	2300	2300	1800	1800	1800	1600
		3600	3600	3600	3600	3300	3200	3200	3200	2900	2500	2200	2100	2000
		3200	3200	3200	3200	3000	2900	2900	2900	2700	2400	2200	2100	2000
		2500	2500	2500	2500	2300	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4700	3600	3600	3600	3200	3200	3200	3200
5200	.10	3900	3900	3500	3400	3200	3200	3200	3200	2800	2700	2700	2700	
		3200	3200	3200	3200	3000	2900	2900	2900	2800	2200	1800	1800	1800
		2600	2500	2500	2500	2400	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4700	3600	3600	3600	3200	3200	3200	3200
		3500	3500	3300	3200	3200	3200	3100	3100	3000	2700	2700	2700	2700
		2800	2600	2500	2500	2500	2400	2400	2300	2300	1800	1800	1800	1600
		3600	3600	3600	3600	3300	3200	3200	3200	2900	2500	2200	2100	2000
		3200	3200	3200	3200	3000	2900	2900	2900	2700	2400	2200	2100	2000
		2500	2500	2500	2500	2300	2300	1900	1900	1600	1200	900	700	600
		4900	4900	4900	4800	4800	4700	3600	3600	3600	3200	3200	3200	3200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- PINK:  
 SPawning MONTH -- OCTOBER INCUBATION MONTH -- DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	3600	3600	3600	3400	3200	3200	3200	2500	2300	2100	2000
	.50	3300	3200	3200	3200	3000	2900	2900	2800	2200	1600	1500	1500
	.10	2600	2500	2500	2500	2400	2300	2300	2100	1600	900	700	600
	.90	4200	4200	3600	3600	3600	3300	3200	3200	3200	2900	2400	2200
	.50	3400	3200	3200	3200	3100	3000	2900	2900	2700	2300	1800	1600
5500	.10	2700	2500	2500	2500	2500	2300	2300	2300	1800	1600	1100	700
	.90	5000	5000	4800	4800	4700	4600	4000	3600	3200	3200	3200	3200
	.50	4000	4000	3600	3600	3200	3200	3200	3100	2900	2700	2700	2700
	.10	3300	3300	2700	2700	2500	2500	2400	2400	1800	1800	1800	1800
	.90	3900	3600	3600	3600	3400	3300	3200	3200	2700	2300	2100	2000
5600	.50	3300	3200	3200	3200	3100	3000	2900	2900	2200	1700	1600	1500
	.10	2600	2500	2500	2500	2500	2300	2300	2300	1600	1000	700	600
	.90	4300	4300	3600	3600	3600	3300	3300	3200	3200	3200	2900	2400
	.50	3400	3400	3200	3200	3200	3000	2900	2900	2700	2700	2300	1800
	.10	2700	2500	2500	2500	2500	2400	2300	2300	1800	1800	1600	1100
5700	.90	5100	5100	4800	4800	4700	4600	4100	3600	3200	3200	3200	3200
	.50	4000	4000	4000	4000	3500	3200	3200	3100	2900	2700	2700	2700
	.10	3300	3300	3300	3300	2500	2500	2500	2400	1900	1800	1800	1800
	.90	3900	3900	3600	3600	3600	3300	3200	3200	3200	2700	2400	2200
	.50	3400	3200	3200	3200	3100	3000	2900	2900	2700	2700	2400	2200
5800	.10	2800	2500	2500	2500	2500	2400	2400	2300	1800	1800	1600	1600
	.90	5100	5100	4800	4800	4700	4600	4200	3600	3200	3200	3200	3200
	.50	4400	4100	4100	4100	3700	3200	3200	3100	2900	2700	2700	2700
	.10	3700	3400	3400	3400	2800	2500	2500	2400	2100	1800	1800	1800
	.90	3900	3900	3600	3600	3600	3400	3300	3200	3200	2700	2700	2400
5900	.50	3400	3400	3200	3200	3200	3000	3000	2900	2700	2700	2300	1800
	.10	2700	2500	2500	2500	2500	2400	2400	2300	1800	1800	1600	1100
	.90	4300	4300	4000	4000	3600	3400	3300	3300	3200	3200	3200	3200
	.50	3500	3400	3200	3200	3200	3000	3000	2900	2700	2700	2700	2200
	.10	2800	2500	2500	2500	2500	2400	2400	2300	1800	1800	1600	1600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4000	4000	3600	3600	3600	3400	3300	3300	3200	3200	3200	2700
	.50	3500	3400	3200	3200	3200	3100	3000	3000	2700	2700	2700	2200
	.10	2800	2500	2500	2500	2500	2500	2400	2300	1800	1800	1800	1600
	.90	4400	4400	4300	4000	3600	3600	3400	3300	3200	3200	3200	3200
	.50	3900	3900	3500	3200	3200	3100	3000	3000	2700	2700	2700	2700
	.10	3200	3200	2600	2500	2500	2500	2400	2400	1800	1800	1800	1800
	.90	5600	5600	5600	5200	4700	4600	4500	4200	3300	3200	3200	3200
	.50	4500	4500	4100	4100	4100	3700	3200	3200	2900	2700	2700	2700
	.10	3800	3800	3400	3400	3400	2500	2500	2500	2300	1800	1800	1800
5900	.90	4000	4000	4000	3600	3600	3400	3300	3300	3200	3200	3200	3200
	.50	3500	3500	3200	3200	3200	3100	3000	3000	2700	2700	2700	2700
	.10	2800	2600	2500	2500	2500	2500	2400	2400	1800	1800	1800	1800
	.90	4400	4400	4400	4400	4000	3600	3400	3300	3200	3200	3200	3200
	.50	4000	4000	4000	3500	3200	3100	3000	3000	2700	2700	2700	2700
	.10	3300	3300	3300	2600	2500	2500	2400	2400	1800	1800	1800	1800
	.90	5600	5600	5600	5600	5600	5300	4700	4600	3300	3200	3200	3200
	.50	4500	4500	4200	4200	4200	4000	4000	3700	3000	2700	2700	2700
	.10	3800	3800	3500	3500	3500	2900	2500	2500	2300	1800	1800	1800
6000	.90	4300	4300	4100	3600	3600	3400	3300	3300	3200	3200	3200	3200
	.50	3900	3900	3500	3200	3200	3100	3000	3000	2700	2700	2700	2700
	.10	3200	3200	2600	2500	2500	2500	2400	2400	1800	1800	1800	1800
	.90	4500	4500	4400	4400	4100	3600	3600	3400	3200	3200	3200	3200
	.50	4000	4000	4000	4000	3200	3200	3100	3000	2800	2700	2700	2700
	.10	3300	3300	3300	3300	2500	2500	2500	2400	2100	1800	1800	1800
	.90	5600	5600	5600	5600	5600	5600	4900	4700	3400	3200	3200	3200
	.50	4500	4500	4200	4200	4200	4000	4000	4000	3000	2700	2700	2700
	.10	3800	3800	3500	3500	3500	3100	2500	2500	2300	1800	1800	1800
6100	.90	4400	4400	4400	4200	3600	3600	3400	3300	3200	3200	3200	3200
	.50	4000	4000	4000	4000	3200	3200	3100	3000	2800	2700	2700	2700
	.10	3400	3400	3400	3400	2700	2500	2500	2400	2100	1800	1800	1800
	.90	5600	5600	5600	5600	5600	5600	4900	4700	3400	3200	3200	3200
	.50	4500	4500	4500	4500	4500	4500	4000	4000	3000	2700	2700	2700
	.10	3800	3800	3800	3800	3800	3800	3600	3400	3200	3200	3200	3200
	.90	4400	4400	4100	4100	3600	3600	3400	3300	3200	3200	3200	3200
	.50	4000	4000	4000	4000	3200	3200	3100	3000	2800	2700	2700	2700
	.10	3700	3400	3400	3400	2700	2500	2500	2400	2100	1800	1800	1800
	.90	5600	5600	5600	5600	5600	5600	5600	4700	3600	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4100	4000	4000	3100	2700	2700	2700
	.10	3800	3800	3800	3800	3800	3800	3600	3400	3200	3200	3200	3200
	.90	4500	4500	4500	4500	4300	4100	4000	4000	3100	2700	2700	2700
	.50	4000	4000	4000	4000	3600	3600	3600	3400	3200	3200	3200	3200
	.10	3400	3400	3400	3400	2700	2500	2500	2400	2100	1800	1800	1800
	.90	5600	5600	5600	5600	5600	5600	5600	4700	3600	3200	3200	3200
	.50	4500	4500	4500	4500	4300	4100	4000	4000	3100	2700	2700	2700
	.10	3800	3800	3800	3800	3800	3800	3600	3400	3200	3200	3200	3200
	.90	4500	4500	4500	4500	4300	4100	4000	4000	3100	2700	2700	2700
	.50	4000	4000	4000	4000	3600	3600	3600	3400	3200	3200	3200	3200
	.10	3400	3400	3400	3400	2700	2500	2500	2400	2100	1800	1800	1800
	.90	5600	5600	5600	5600	5600	5600	5600	4700	3600	3200	3200	3200
	.50	4500	4500	4500	4500	4300	4100	4000	4000	3100	2700	2700	2700
	.10	3800	3800	3800	3800	3800	3800	3600	3400	3200	3200	3200	3200

TABLE 2. GURGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK;  
 SPANING MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4400	4400	4400	4400	3600	3600	3400	3300	3200	3200	3200	3200
	.50	4000	4000	4000	4000	3200	3200	3100	3000	2800	2700	2700	2700
	.10	3300	3300	3300	3300	2500	2500	2500	2400	2100	1800	1800	1800
	.90	4900	4900	4600	4500	4500	4000	3600	3400	3200	3200	2700	2700
	.50	4500	4500	4100	4100	4100	3400	2500	2500	2100	1800	1800	1800
6300	.10	3800	3800	3400	3400	3400	3400	2500	4900	3600	3200	3200	3200
	.90	5600	5600	5600	5600	5600	5600	5600	4900	3600	3200	2700	2700
	.50	4500	4500	4500	4300	4300	4300	4000	4000	3200	2800	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3000	2500	2300	1800	1800	1800
	.90	4800	4500	4500	4500	4300	3600	3400	3400	3200	3200	2700	2700
6400	.50	4400	4100	4100	4100	3600	3200	2500	3000	2800	2700	2700	2700
	.10	3700	3400	3400	3400	2700	2500	2500	2400	2100	1800	1800	1800
	.90	4900	4900	4600	4500	4500	4000	3600	3600	3200	3200	2700	2700
	.50	4500	4500	4100	4100	4100	3200	3200	3100	2900	2700	2700	2700
	.10	3800	3800	3400	3400	3400	2500	2500	2500	2300	1800	1800	1800
6500	.90	5600	5600	5600	5600	5600	5600	5600	5600	4000	3200	2700	2700
	.50	4500	4500	4500	4300	4300	4300	4000	4000	3200	2800	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3100	2500	2300	1800	1800	1800
	.90	4900	4900	4500	4500	4500	3600	3600	3400	3200	3200	2700	2700
	.50	4500	4500	4100	4100	4100	3200	3200	3100	2900	2700	2700	2700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - DECEMBER

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4900	4900	4600	4600	4600	4200	3600	3600	3200	3200	3200	3200
	.50	4500	4500	4200	4200	4200	3700	3200	3200	2900	2700	2700	2700
	.10	3800	3800	3500	3500	3500	2800	2500	2500	2300	1800	1800	1800
	.90	4900	4900	4900	4800	4700	4700	4300	4000	3300	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4000	3200	3200	2900	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3200	2500	2500	2300	1800	1800	1800
	.90	6000	6000	6000	6000	6000	6000	5600	5600	4700	3300	3200	3200
	.50	5400	5100	4500	4500	4400	4400	4300	4300	4000	3000	2700	2700
	.10	4700	4400	3800	3800	3600	3600	3600	3100	2400	1800	1800	1800
6700	.90	4900	4900	4600	4600	4600	4400	4000	3600	3300	3200	3200	3200
	.50	4500	4500	4200	4200	4200	3800	3200	3200	2900	2700	2700	2700
	.10	3800	3800	3500	3500	3500	3100	2500	2500	2300	1800	1800	1800
	.90	4900	4900	4900	4800	4800	4700	4700	4400	3300	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4300	3700	3200	3000	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3000	2500	2300	1800	1800	1800
	.90	6000	6000	6000	6000	6000	6000	5600	5600	4700	3300	3200	3200
	.50	5400	5400	4500	4500	4400	4400	4300	4300	4000	3000	2700	2700
	.10	4700	4700	3800	3800	3600	3600	3600	3200	2400	1800	1800	1800
6800	.90	4900	4900	4900	4700	4700	4500	4000	3600	3300	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4000	3200	3200	2900	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3200	2500	2500	2300	1800	1800	1800
	.90	4900	4900	4900	4900	4800	4700	4700	4700	3400	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4300	3800	3200	3000	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3100	2500	2400	1800	1800	1800
	.90	6000	6000	6000	6000	6000	6000	5700	5600	4700	3300	3200	3200
	.50	5500	5500	5200	4500	4400	4400	4400	4300	4000	3000	2700	2700
	.10	4800	4800	4500	3800	3600	3600	3600	3600	2400	1900	1800	1800
6900	.90	4900	4900	4900	4700	4700	4700	4000	4000	3300	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4300	3700	3200	2900	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3000	2500	2300	1800	1800	1800
	.90	4900	4900	4900	4900	4800	4700	4700	4700	3400	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4300	3700	3200	3000	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3000	2500	2300	1800	1800	1800
	.90	4900	4900	4900	4900	4800	4700	4700	4700	3400	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4300	3900	3300	3000	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3100	2500	2400	1800	1800	1800
	.90	6000	6000	6000	6000	6000	6000	5900	5600	4700	3400	3200	3200
	.50	5500	5500	5200	4500	4400	4400	4400	4300	4000	3000	2700	2700
	.10	4800	4800	4500	3800	3600	3600	3600	3600	2400	1900	1800	1800
7000	.90	4900	4900	4900	4700	4700	4700	4000	4000	3300	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4300	3700	3200	2900	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3000	2500	2300	1800	1800	1800
	.90	4900	4900	4900	4900	4800	4700	4700	4700	3400	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4300	3700	3200	3000	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3000	2500	2300	1800	1800	1800
	.90	4900	4900	4900	4900	4800	4700	4700	4700	3400	3200	3200	3200
	.50	4500	4500	4500	4300	4300	4300	3900	3300	3000	2700	2700	2700
	.10	3800	3800	3800	3600	3600	3600	3100	2500	2400	1800	1800	1800
	.90	6000	6000	6000	6000	6000	6000	5900	5600	4700	3400	3200	3200
	.50	5500	5500	5200	4500	4400	4400	4400	4300	4000	3000	2700	2700
	.10	4800	4800	4500	3800	3600	3600	3600	3600	2400	1900	1800	1800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER  
 INCUBATION MONTH - DECEMBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	4900	4900	4700	4700	4700	4400	4000	3300	3200	3200	3200
	.50	.50	4500	4500	4300	4300	4300	3800	3200	3000	2700	2700	2700
	.10	.10	3800	3800	3600	3600	3600	3100	2500	2400	1800	1800	1800
	.90	.90	5800	4900	4900	4800	4700	4700	4700	3400	3200	3200	3200
	.50	.50	5400	4500	4300	4300	4300	4300	3700	3000	2700	2700	2700
	.10	.10	4700	3800	3600	3600	3600	3600	3100	2400	1800	1800	1800
	.90	.90	6000	6000	6000	6000	6000	6000	5600	4700	3400	3200	3200
	.50	.50	5600	5600	4500	4400	4400	4400	4400	4000	3000	2800	2700
	.10	.10	4900	4900	3800	3600	3600	3600	3600	2500	2100	1800	1800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	700	700	700	700	700	700	700	600	500	400	400	300
	.50	400	400	400	300	300	300	300	300	100	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	900	800	700	700	600	400	400	400
	.50	600	600	500	500	500	400	400	300	200	0	0	0
	.10	300	300	100	100	100	100	0	0	0	0	0	0
	.90	2600	1700	1700	1400	1400	1300	1200	1200	1000	900	800	700
	.50	1200	1200	900	800	800	800	800	800	600	400	200	100
	.10	600	600	500	500	500	400	400	400	200	0	0	0
1500	.90	800	800	700	700	700	700	700	600	500	400	400	300
	.50	600	600	400	400	400	300	300	300	100	0	0	0
	.10	300	300	100	100	100	0	0	0	0	0	0	0
	.90	1200	900	900	900	900	900	800	800	600	500	400	400
	.50	600	600	600	500	500	500	500	400	300	100	0	0
	.10	300	300	300	200	200	100	100	100	0	0	0	0
	.90	2600	1700	1700	1500	1500	1400	1400	1300	1200	900	900	700
	.50	1200	1200	1000	1000	1000	900	900	800	700	500	300	200
	.10	600	600	600	600	600	600	500	500	400	100	0	0
1600	.90	900	900	900	900	900	800	800	800	700	600	400	400
	.50	600	600	600	500	500	500	500	400	300	100	0	0
	.10	300	300	300	200	200	100	100	100	0	0	0	0
	.90	1200	1200	1000	900	900	900	900	800	700	500	400	400
	.50	700	700	600	600	600	500	500	500	300	100	0	0
	.10	400	400	300	300	300	200	100	100	0	0	0	0
	.90	2600	1700	1700	1500	1500	1400	1400	1400	1200	1000	1000	900
	.50	1200	1200	1100	1000	1000	1000	1000	1000	800	600	500	300
	.10	700	700	700	600	600	600	600	600	400	200	0	0
	.90	900	900	900	900	900	900	800	800	600	500	400	400
	.50	700	700	600	600	600	500	500	500	300	100	0	0
	.10	400	400	300	300	300	100	100	100	0	0	0	0
	.90	1200	1200	1000	1000	1000	1000	900	900	700	600	400	400
	.50	800	700	700	600	600	600	600	500	300	100	0	0
	.10	500	400	400	300	300	200	200	200	0	0	0	0
	.90	2600	1700	1700	1700	1700	1500	1500	1400	1300	1100	1000	900
	.50	1200	1200	1200	1200	1100	1100	1000	1000	800	600	500	300
	.10	900	900	900	900	900	800	800	800	600	500	400	400
1700	.90	1200	1200	1000	1000	1000	1000	900	900	700	600	400	400
	.50	800	700	700	600	600	600	600	500	300	100	0	0
	.10	500	400	400	300	300	200	200	200	0	0	0	0
	.90	2600	1700	1700	1700	1700	1500	1500	1400	1300	1100	1000	900
	.50	1200	1200	1200	1200	1100	1100	1000	1000	800	600	500	300
	.10	900	900	900	900	900	800	800	800	600	500	400	400
	.90	1200	1200	1000	1000	1000	1000	900	900	700	600	400	400
	.50	800	700	700	600	600	600	600	500	300	100	0	0
	.10	500	400	400	300	300	200	200	200	0	0	0	0
	.90	2600	1700	1700	1700	1700	1500	1500	1400	1300	1100	1000	900
	.50	1200	1200	1200	1200	1100	1100	1000	1000	800	600	500	300
	.10	900	900	900	900	900	800	800	800	600	500	400	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1000	1000	1000	1000	900	900	900	800	700	500	400	400
	.50	800	700	600	600	600	500	500	500	300	100	0	0
	.10	500	400	300	300	300	200	100	100	0	0	0	0
	.90	1300	1200	1100	1000	1000	1000	1000	1000	800	600	500	400
	.50	900	800	800	800	700	600	600	600	400	200	100	0
	.10	600	500	500	500	400	300	200	200	100	0	0	0
	.90	3200	2600	2400	1700	1700	1600	1600	1500	1400	1200	1000	1000
	.50	1800	1300	1200	1200	1200	1100	1100	1000	900	700	600	500
	.10	900	900	900	900	900	700	700	700	600	300	200	100
1900	.90	1000	1000	1000	1000	1000	1000	1000	900	700	500	400	400
	.50	800	800	800	800	700	600	600	600	400	100	0	0
	.10	500	500	500	500	400	300	200	200	0	0	0	0
	.90	1300	1300	1300	1200	1200	1200	1100	1000	900	700	600	500
	.50	900	900	900	900	800	800	800	700	500	300	100	0
	.10	600	600	600	600	500	500	400	400	200	0	0	0
	.90	3200	3200	2500	2500	1700	1600	1600	1600	1400	1200	1000	1000
	.50	1800	1800	1400	1300	1200	1200	1100	1100	1000	800	600	500
	.10	1000	1000	900	900	900	900	700	700	600	400	200	100
2000	.90	1300	1100	1100	1100	1000	1000	1000	1000	800	600	500	400
	.50	900	900	900	900	800	700	600	600	500	200	100	0
	.10	600	600	600	600	500	400	300	200	100	0	0	0
	.90	1400	1300	1300	1300	1200	1200	1200	1200	1000	800	700	500
	.50	900	900	900	900	800	800	800	800	600	400	200	100
	.10	600	600	600	600	600	500	500	400	200	0	0	0
	.90	3200	3200	2500	2500	1800	1700	1600	1600	1400	1200	1100	1000
	.50	1800	1800	1400	1300	1200	1200	1200	1100	1000	800	600	600
	.10	1000	1000	1000	900	900	900	800	700	600	400	200	200
2100	.90	1300	1300	1200	1200	1200	1100	1100	1000	900	700	500	400
	.50	900	900	900	900	900	800	800	800	500	300	100	0
	.10	600	600	600	600	600	500	400	400	200	0	0	0
	.90	1400	1400	1400	1400	1400	1400	1200	1200	1100	900	700	600
	.50	1000	1000	1000	1000	1000	1000	900	900	800	500	300	100
	.10	700	700	700	700	600	600	600	500	400	100	0	0
	.90	3200	3200	2500	2500	1800	1700	1700	1600	1500	1300	1200	1000
	.50	1800	1800	1400	1400	1300	1200	1200	1200	1000	800	600	600
	.10	1000	1000	1000	1000	1000	1000	1200	1200	1000	800	600	600
	.90	1800	1800	1400	1400	1300	1200	1200	1200	1000	800	600	600
	.50	1000	1000	1000	1000	1000	900	900	700	600	400	200	200
	.10	700	700	700	700	600	600	600	500	400	100	0	0
	.90	3200	3200	2500	2500	1800	1700	1700	1600	1500	1300	1200	1000
	.50	1800	1800	1400	1400	1300	1200	1200	1200	1000	800	600	600
	.10	1000	1000	1000	1000	1000	900	900	700	600	400	200	200
	.90	1800	1800	1400	1400	1300	1200	1200	1200	1000	800	600	600
	.50	1000	1000	1000	1000	1000	900	900	700	600	400	200	200
	.10	700	700	700	700	600	600	600	500	400	100	0	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1300	1300	1300	1300	1200	1200	1200	1200	1000	800	600	500
	.50	1000	900	900	900	900	900	800	800	600	400	200	100
	.10	700	600	600	600	600	500	500	400	300	0	0	0
	.90	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	800
	.50	1200	1200	1200	1200	1100	1000	1000	1000	800	600	500	300
	.10	900	900	900	900	700	700	600	600	400	200	100	0
	.90	3200	3200	2500	2500	2400	1800	1700	1600	1500	1400	1200	1100
	.50	1800	1800	1500	1500	1300	1200	1200	1200	1000	900	700	600
	.10	1100	1100	1100	1100	900	900	900	800	700	400	200	200
2300	.90	1400	1400	1400	1400	1400	1400	1200	1200	1100	900	700	500
	.50	1100	1100	1000	1000	1000	1000	900	900	800	500	300	100
	.10	800	800	700	700	600	600	600	500	400	100	0	0
	.90	1600	1600	1600	1600	1600	1500	1500	1400	1200	1000	1000	900
	.50	1200	1200	1200	1200	1200	1100	1100	1000	900	600	600	400
	.10	900	900	900	900	900	700	700	700	600	300	200	0
	.90	3200	3200	2500	2500	2500	1900	1800	1700	1500	1400	1200	1200
	.50	1800	1800	1500	1500	1300	1200	1200	1200	1100	1000	800	600
	.10	1100	1100	1100	1100	900	900	900	800	700	500	400	200
2400	.90	1600	1600	1600	1600	1500	1400	1400	1400	1200	1000	900	700
	.50	1200	1200	1200	1200	1100	1000	1000	1000	800	600	500	300
	.10	900	900	900	900	700	700	600	600	400	200	100	0
	.90	1700	1600	1600	1600	1600	1600	1500	1400	1300	1100	1000	900
	.50	1300	1200	1200	1200	1200	1200	1100	1100	900	700	600	500
	.10	900	900	900	900	900	900	700	700	600	400	200	100
	.90	3200	3200	2500	2500	2500	2000	1800	1700	1600	1400	1400	1200
	.50	1800	1800	1600	1600	1300	1200	1200	1200	1100	1000	800	700
	.10	1400	1200	1200	1200	900	900	900	900	700	600	400	200
2500	.90	1600	1600	1600	1600	1600	1500	1500	1400	1200	1000	1000	800
	.50	1200	1200	1200	1200	1200	1100	1100	1000	900	600	600	400
	.10	900	900	900	900	900	700	700	700	600	300	200	0
	.90	1800	1800	1700	1700	1600	1600	1500	1500	1400	1200	1000	1000
	.50	1400	1400	1200	1200	1200	1200	1200	1100	1000	800	600	500
	.10	1000	1000	900	900	900	900	800	700	600	400	200	100
	.90	3200	3200	2600	2500	2500	2000	1800	1800	1600	1500	1400	1200
	.50	1800	1800	1600	1600	1600	1300	1200	1200	1100	1000	800	800
	.10	1500	1200	1200	1200	1200	1200	1200	900	700	600	400	200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1700	1600	1600	1600	1600	1600	1500	1400	1400	1000	1000	900
	.50	1300	1200	1200	1200	1200	1200	1100	1100	1000	800	600	500
	.10	900	900	900	900	900	900	700	700	600	400	200	100
	.90	1800	1800	1700	1600	1600	1600	1600	1500	1400	1200	1000	1000
	.50	1400	1400	1200	1200	1200	1200	1200	1100	1000	800	600	600
	.10	1000	1000	900	900	900	900	900	700	600	400	200	200
	.90	3200	3200	2600	2500	2500	2300	2300	2100	1600	1500	1400	1400
	.50	1900	1900	1900	1900	1900	1700	1300	1300	1200	1000	900	800
	.10	1600	1600	1600	1600	1600	1300	900	900	700	600	400	400
2700	.90	1800	1800	1600	1600	1600	1600	1500	1500	1400	1100	1000	900
	.50	1400	1400	1200	1200	1200	1200	1200	1100	1000	800	600	500
	.10	1000	1000	900	900	900	900	800	700	600	400	200	200
	.90	1800	1800	1800	1800	1700	1600	1600	1600	1400	1200	1000	1000
	.50	1400	1400	1400	1400	1200	1200	1200	1200	1000	800	600	600
	.10	1000	1000	1000	1000	900	900	800	800	600	400	200	200
	.90	3400	3200	2600	2500	2500	2400	2400	2300	1800	1600	1500	1400
	.50	2000	2000	2000	2000	2000	1900	1900	1700	1200	1100	1000	900
	.10	1700	1700	1700	1700	1700	1600	1600	1300	800	700	600	400
2800	.90	1800	1800	1800	1600	1600	1600	1500	1500	1400	1200	1000	1000
	.50	1400	1400	1400	1200	1200	1200	1200	1100	1000	800	600	600
	.10	1000	1000	1000	900	900	900	900	700	600	400	200	200
	.90	1900	1900	1900	1900	1700	1600	1600	1600	1400	1200	1100	1000
	.50	1500	1500	1500	1500	1200	1200	1200	1200	1000	800	600	600
	.10	1100	1100	1100	1100	900	900	900	800	700	500	300	200
	.90	4100	3300	3200	2500	2500	2400	2400	2400	1800	1600	1500	1400
	.50	2700	2000	2000	2000	2000	2000	1900	1900	1200	1100	1000	900
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
2900	.90	1800	1800	1800	1800	1600	1600	1600	1500	1400	1200	1000	1000
	.50	1400	1400	1400	1400	1200	1200	1200	1200	1000	800	600	600
	.10	1100	1100	1100	1000	900	900	900	800	600	400	200	200
	.90	1100	1100	1000	1000	900	900	900	800	600	400	200	200
	.50	2100	1900	1900	1900	1700	1600	1600	1600	1400	1300	1200	1000
	.10	1700	1500	1500	1500	1200	1200	1200	1200	1100	900	800	600
	.90	1400	1400	1400	1400	1400	1400	1200	1200	1000	800	600	600
	.50	1100	1100	1100	1000	900	900	900	800	600	400	200	200
	.10	1400	1100	1100	1100	900	900	900	900	700	600	400	200
	.90	4200	3400	3200	3100	2500	2400	2400	2400	1900	1700	1600	1500
	.50	2800	2000	2000	2000	2000	2000	1900	1900	1200	1100	1000	1000
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1900	1900	1900	1900	1600	1600	1600	1600	1400	1200	1000	1000
	.50	1500	1500	1500	1500	1200	1200	1200	1200	1000	800	600	600
	.10	1100	1100	1100	1100	900	900	900	900	700	500	300	200
	.90	2600	2000	2000	2000	1700	1600	1600	1600	1500	1400	1200	1100
	.50	1800	1600	1600	1600	1400	1200	1200	1200	1100	1000	800	600
	.10	1500	1300	1200	1200	1100	900	900	900	700	600	400	200
	.90	4200	4200	3200	3200	2500	2500	2400	2400	2200	1700	1600	1500
	.50	2800	2800	2000	2000	2000	2000	1900	1900	1600	1200	1100	1000
	.10	1700	1700	1700	1700	1700	1600	1600	1600	1300	700	600	600
3100	.90	2100	1900	1900	1900	1600	1600	1600	1600	1400	1200	1200	1000
	.50	1700	1600	1500	1500	1200	1200	1200	1200	1100	900	800	600
	.10	1400	1300	1100	1100	900	900	900	900	700	600	400	200
	.90	2600	2300	2300	2300	2300	2000	1700	1600	1500	1400	1200	1200
	.50	1900	1900	1900	1900	1900	1600	1400	1200	1100	1000	800	700
	.10	1600	1600	1600	1600	1600	1200	1100	900	700	600	400	300
	.90	4200	4200	3600	3200	3100	2500	2400	2400	2200	1900	1700	1600
	.50	2800	2800	2400	2000	2000	2000	1900	1900	1700	1300	1200	1000
	.10	2100	2100	1700	1700	1700	1700	1600	1600	1300	900	700	600
3200	.90	2200	2000	2000	2000	1800	1600	1600	1600	1500	1400	1200	1000
	.50	1800	1600	1600	1600	1600	1200	1200	1200	1100	1000	800	600
	.10	1500	1300	1300	1300	1200	900	900	900	700	600	400	200
	.90	2600	2600	2400	2400	2400	2300	2300	2100	1600	1400	1400	1200
	.50	2000	2000	2000	2000	2000	1900	1900	1700	1200	1000	900	800
	.10	1700	1700	1700	1700	1700	1600	1600	1300	800	700	500	400
	.90	4300	4300	3600	3400	3100	2800	2500	2500	2200	2100	1900	1700
	.50	2900	2900	2400	2400	2400	2000	2000	2000	1800	1700	1200	1100
	.10	2100	2100	2100	2100	2100	1700	1700	1600	1300	1300	800	700
3300	.90	2300	2300	2300	2300	2300	2000	1800	1600	1500	1400	1200	1100
	.50	1900	1900	1900	1900	1900	1600	1600	1200	1100	1000	800	700
	.10	1600	1600	1600	1600	1600	1300	1200	900	700	600	400	300
	.90	2600	2600	2400	2400	2400	2400	2300	2300	1600	1500	1400	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	800
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	4300	4300	3600	3500	3100	2800	2800	2500	2300	2100	2000	1700
	.50	2900	2900	2400	2400	2400	2400	2000	2000	1800	1700	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1600	1300	1300	800	700
	.90	2300	2300	2300	2300	2300	2000	1800	1600	1500	1400	1200	1100
	.50	1900	1900	1900	1900	1900	1600	1600	1200	1100	1000	800	700
	.10	1600	1600	1600	1600	1600	1300	1200	900	700	600	400	300
	.90	2600	2600	2400	2400	2400	2400	2300	2300	1600	1500	1400	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	800
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	4300	4300	3600	3500	3100	2800	2800	2500	2300	2100	2000	1700
	.50	2900	2900	2400	2400	2400	2400	2000	2000	1800	1700	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1600	1300	1300	800	700
	.90	2300	2300	2300	2300	2300	2000	1800	1600	1500	1400	1200	1100
	.50	1900	1900	1900	1900	1900	1600	1600	1200	1100	1000	800	700
	.10	1600	1600	1600	1600	1600	1300	1200	900	700	600	400	300
	.90	2600	2600	2400	2400	2400	2400	2300	2300	1600	1500	1400	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	800
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	4300	4300	3600	3500	3100	2800	2800	2500	2300	2100	2000	1700
	.50	2900	2900	2400	2400	2400	2400	2000	2000	1800	1700	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1600	1300	1300	800	700
	.90	2300	2300	2300	2300	2300	2000	1800	1600	1500	1400	1200	1100
	.50	1900	1900	1900	1900	1900	1600	1600	1200	1100	1000	800	700
	.10	1600	1600	1600	1600	1600	1300	1200	900	700	600	400	300
	.90	2600	2600	2400	2400	2400	2400	2300	2300	1600	1500	1400	1300
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	800
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	4300	4300	3600	3500	3100	2800	2800	2500	2300	2100	2000	1700
	.50	2900	2900	2400	2400	2400	2400	2000	2000	1800	1700	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1600	1300	1300	800	700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2400	2400	2400	2400	2400	2300	2300	2100	1600	1400	1300	1200
	.50	2000	2000	2000	2000	2000	1900	1900	1700	1200	1000	900	800
	.10	1700	1700	1700	1700	1700	1600	1600	1300	800	700	600	400
	.90	2600	2600	2400	2400	2400	2400	2300	2300	1700	1500	1400	1400
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	800
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	4400	4400	3600	3600	3200	2800	2800	2600	2300	2100	2100	1800
	.50	3000	3000	2400	2400	2400	2400	2000	2000	1800	1700	1600	1200
	.10	2100	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	800
3500	.90	2400	2400	2400	2400	2400	2300	2300	2300	1600	1500	1400	1200
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	800
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	2600	2600	2500	2400	2400	2400	2300	2300	1700	1500	1500	1400
	.50	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	900
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	4500	4500	3600	3600	3200	2800	2800	2800	2400	2100	2100	1900
	.50	3100	3100	2400	2400	2400	2400	2000	2000	1800	1700	1600	1200
	.10	2100	2100	2100	2100	2100	2100	1700	1700	1400	1300	1000	800
	.90	2400	2400	2400	2400	2400	2300	2300	2300	1600	1500	1400	1300
3600	.90	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	800
	.50	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	3200	2800	2600	2500	2400	2400	2300	2300	1800	1600	1500	1400
	.50	2400	2400	2000	2000	2000	2000	1900	1900	1600	1100	1000	1000
	.10	2100	2100	1700	1700	1700	1700	1600	1600	1300	700	600	600
	.90	4500	4500	3600	3600	3200	2800	2800	2800	2400	2100	2100	1900
	.50	3100	3100	2400	2400	2400	2400	2200	2200	1800	1700	1700	1200
	.10	2100	2100	2100	2100	2100	2100	1700	1700	1400	1300	1100	800
	.90	2400	2400	2400	2400	2400	2300	2300	2300	1600	1500	1400	1400
3700	.90	2000	2000	2000	2000	2000	1900	1900	1900	1200	1100	1000	800
	.50	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	500
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	500
	.90	3200	3200	2800	2800	2800	2500	2400	2400	2200	1800	1600	1500
	.50	2400	2400	2400	2400	2400	2000	2000	1900	1700	1200	1100	1000
	.10	2100	2100	2100	2100	2100	1700	1700	1600	1300	900	700	600
	.90	4600	4600	3700	3600	3200	2800	2800	2800	2400	2200	2100	1900
	.50	3200	3200	2400	2400	2400	2400	2300	2300	1900	1700	1700	1300
	.10	2100	2100	2100	2100	2100	1700	1700	1600	1300	900	700	600
	.90	4600	4600	3700	3600	3200	2800	2800	2800	2400	2200	2100	1900
	.50	3200	3200	2400	2400	2400	2400	2300	2300	1900	1700	1700	1300
	.10	2600	2600	2100	2100	2100	2100	2000	2000	1400	1300	1200	800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

Q	EXC.	SPAWNING INCUBATION											
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3800	.90	2800	2800	2400	2400	2400	2400	2300	1800	1600	1500	1400	
	.50	2400	2400	2000	2000	2000	1900	1900	1600	1100	1000	1000	
	.10	2100	2100	1700	1700	1700	1600	1600	1300	700	600	600	
	.90	3200	3200	2800	2800	2800	2400	2400	2200	2100	1700	1600	
	.50	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700	
	.90	4600	4600	3600	3600	3300	2800	2800	2500	2200	2100	2000	
	.50	3200	3200	3000	2900	2400	2400	2300	1900	1800	1700	1300	
	.10	2700	2700	2600	2600	2100	2100	2000	1500	1300	1300	900	
	.90	2800	2800	2800	2800	2800	2400	2300	2100	1800	1600	1500	
3900	.90	2400	2400	2400	2400	2400	2000	1900	1700	1200	1100	1000	
	.50	2100	2100	2100	2100	2100	1700	1600	1300	900	700	600	
	.10	3200	3200	2800	2800	2800	2500	2400	2200	2100	1800	1600	
	.90	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.50	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.10	4600	4600	3600	3600	3400	3100	2800	2500	2300	2100	2100	
	.90	3200	3200	3000	3000	2900	2400	2300	1900	1800	1700	1600	
	.50	2700	2700	2700	2600	2400	2400	2000	1800	1700	1200	1100	
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.90	4600	4600	4300	3600	3400	3200	2800	2500	2300	2100	2100	
4000	.90	3200	3200	3000	3000	2900	2400	2300	1900	1800	1700	1600	
	.50	2700	2700	2700	2600	2400	2400	2000	1800	1700	1200	1100	
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.90	2800	2800	2800	2800	2800	2400	2400	2200	2100	1600	1500	
	.50	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.90	3200	3200	2800	2800	2800	2500	2400	2200	2100	1600	1500	
	.50	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.90	4700	4700	4300	4300	3500	3200	2800	2600	2300	2100	2100	
4100	.90	3300	3300	3100	3100	2900	2400	2400	2000	1800	1700	1600	
	.50	2800	2800	2800	2800	2600	2100	2000	1600	1300	1000	1000	
	.10	2800	2800	2800	2800	2800	2400	2400	2200	2100	1600	1600	
	.90	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.50	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700	
	.10	4700	4700	4300	4300	3500	3200	2800	2600	2300	2100	2100	
	.90	3300	3300	3100	3100	2900	2400	2400	2000	1800	1700	1600	
	.50	2800	2800	2800	2800	2600	2100	2000	1600	1300	1000	1000	
	.10	2800	2800	2800	2800	2800	2400	2400	2200	2100	1600	1600	
	.90	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
4200	.90	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.50	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.10	4700	4700	4300	4300	3500	3200	2800	2600	2300	2100	2100	
	.90	3300	3300	3100	3100	2900	2400	2400	2000	1800	1700	1600	
	.50	2800	2800	2800	2800	2600	2100	2000	1600	1300	1000	1000	
	.10	2800	2800	2800	2800	2800	2400	2400	2200	2100	1600	1600	
	.90	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.50	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700	
	.10	4700	4700	4300	4300	3500	3200	2800	2600	2300	2100	2100	
	.90	3300	3300	3100	3100	2900	2400	2400	2000	1800	1700	1600	
4300	.90	2800	2800	2800	2800	2800	2400	2400	2200	2100	1600	1500	
	.50	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.90	2800	2800	2800	2800	2800	2400	2400	2200	2100	1600	1500	
	.50	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.90	2800	2800	2800	2800	2800	2400	2400	2200	2100	1600	1500	
	.50	2400	2400	2400	2400	2400	2000	2000	1800	1700	1200	1100	
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700	
	.90	2800	2800	2800	2800	2800	2400	2400	2200	2100	1600	1500	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED. % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2800	2800	2800	2800	2800	2800	2500	2400	2200	2100	1900	1700
	.50	2400	2400	2400	2400	2400	2400	2300	2000	1800	1700	1600	1200
	.10	2100	2100	2100	2100	2100	2100	2000	1700	1400	1300	1300	800
	.90	3300	3300	2800	2800	2800	2800	2500	2500	2300	2100	2100	1800
	.50	2900	2900	2400	2400	2400	2400	2300	2200	1800	1700	1600	1200
	.10	2600	2600	2100	2100	2100	2100	2000	1900	1400	1300	1300	800
	.90	4800	4800	4300	4300	3600	3500	3300	3200	2600	2400	2200	2100
	.50	3400	3400	3200	3200	2900	2900	2400	2400	2000	1800	1700	1700
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	1100
4300	.90	2800	2800	2800	2800	2800	2800	2500	2500	2200	2100	1900	1700
	.50	2400	2400	2400	2400	2400	2400	2300	2100	1800	1700	1600	1200
	.10	2100	2100	2100	2100	2100	2100	2000	1800	1400	1300	1300	800
	.90	3400	3400	3300	3300	2800	2800	2800	2500	2300	2100	2100	1800
	.50	3000	3000	2900	2900	2400	2400	2400	2300	1900	1700	1600	1200
	.10	2700	2700	2600	2600	2100	2100	2100	2000	1600	1300	1300	800
	.90	4800	4800	4300	4300	3600	3600	3300	3200	2700	2400	2200	2100
	.50	3400	3400	3200	3200	2900	2900	2400	2400	2100	1800	1800	1700
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	1100
4400	.90	3300	3300	2800	2800	2800	2800	2500	2500	2300	2100	2000	1700
	.50	2900	2900	2400	2400	2400	2400	2300	2300	1800	1700	1600	1200
	.10	2600	2600	2100	2100	2100	2100	2000	2000	1400	1300	1300	800
	.90	3400	3400	3400	3300	3200	2800	2800	2500	2400	2100	2100	1900
	.50	3000	3000	3000	2900	2400	2400	2400	2300	1900	1700	1700	1200
	.10	2700	2700	2700	2600	2100	2100	2100	2000	1600	1300	1300	900
	.90	4900	4900	4900	4300	3700	3600	3300	3200	2700	2400	2200	2100
	.50	3500	3500	3500	3300	3100	2900	2400	2400	2200	1900	1800	1700
	.10	3000	3000	3000	3000	2600	2100	2100	2100	1700	1400	1300	1300
4500	.90	3400	3400	3300	3300	2800	2800	2800	2500	2300	2100	2100	1700
	.50	3000	3000	2900	2900	2400	2400	2400	2300	1900	1700	1600	1200
	.10	2700	2700	2700	2600	2100	2100	2100	2000	1600	1300	1300	900
	.90	4900	4900	4900	4300	3700	3600	3300	3200	2700	2400	2200	2100
	.50	3500	3500	3500	3500	3300	2800	2800	2800	2400	2200	2100	1900
	.10	3100	3100	3100	3100	2900	2400	2400	2300	1900	1700	1700	1300
	.90	2800	2800	2800	2800	2600	2100	2100	2000	1600	1300	1300	900
	.50	4900	4900	4900	4300	3700	3600	3300	3200	2800	2500	2200	2100
	.10	3500	3500	3500	3300	3100	2900	2400	2400	2300	1900	1800	1700
	.90	2800	2800	2800	2800	2600	2100	2100	2000	1600	1300	1300	900
	.50	4900	4900	4900	4300	3700	3600	3300	3200	2800	2500	2200	2100
	.10	3500	3500	3500	3300	3100	2900	2400	2400	2300	1900	1800	1700
	.90	2800	2800	2800	2800	2600	2100	2100	2000	1600	1300	1300	900
	.50	4900	4900	4900	4300	3700	3600	3300	3200	2800	2500	2200	2100
	.10	3500	3500	3500	3300	3100	2900	2400	2400	2300	1900	1800	1700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3400	3400	3400	3300	3100	2800	2800	2500	2300	2100	2100	1800
	.50	3000	3000	3000	2900	2400	2400	2400	2300	1900	1700	1700	1200
	.10	2700	2700	2700	2600	2100	2100	2100	2000	1600	1300	1300	900
	.50	4100	3500	3500	3500	3300	3100	2800	2800	2400	2200	2100	2000
	.50	3100	3100	3100	3100	2900	2400	2400	2400	1900	1700	1700	1300
	.10	2800	2800	2800	2800	2600	2100	2100	2100	1600	1300	1300	900
	.90	5000	5000	5000	4300	4000	3600	3400	3200	2800	2500	2300	2200
	.50	3600	3600	3600	3300	3100	2900	2900	2400	2300	1900	1800	1700
	.10	3000	3000	3000	3000	2700	2600	2100	2100	1700	1400	1300	1300
4700	.90	3500	3500	3500	3500	3300	2800	2800	2600	2400	2100	2100	1900
	.50	3100	3100	3100	3100	2900	2400	2400	2300	1900	1700	1700	1200
	.10	2800	2800	2800	2800	2600	2100	2100	2000	1600	1300	1300	900
	.90	4200	3600	3600	3600	3300	3100	2800	2800	2500	2200	2100	2000
	.50	3200	3200	3200	3200	2900	2400	2400	2400	2000	1800	1700	1600
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1600	1400	1300	900
	.90	5000	5000	5000	4900	4300	3700	3400	3300	2800	2500	2300	2200
	.50	3600	3600	3600	3500	3300	3000	2900	2900	2400	1900	1800	1700
	.10	3100	3000	3000	3000	2800	2700	2600	2100	2000	1400	1400	1300
4800	.90	3500	3500	3500	3500	3300	2800	2800	2800	2400	2200	2100	1900
	.50	3100	3100	3100	3100	2900	2400	2400	2400	1900	1700	1700	1300
	.10	2800	2800	2800	2800	2600	2100	2100	2100	1600	1300	1300	900
	.90	4200	4200	3600	3600	3300	3200	2800	2800	2500	2300	2100	2100
	.50	3200	3200	3200	3200	2900	2400	2400	2400	2000	1800	1700	1600
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	1000
	.90	5100	5100	5100	4900	4300	3700	3600	3300	3300	3200	2600	2400
	.50	3700	3700	3700	3700	3300	3100	3000	2900	2900	2400	2000	1800
	.10	3100	3000	3000	3000	2800	2700	2600	2500	2500	2000	1600	1400
4900	.90	3600	3600	3600	3600	3300	2800	2800	2800	2400	2200	2100	1900
	.50	3200	3200	3200	3200	2900	2400	2400	2400	2000	1800	1700	1300
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	900
	.90	4200	4200	3700	3700	3500	3200	3100	2800	2500	2300	2100	2100
	.50	3300	3300	3300	3300	2900	2400	2400	2400	2000	1800	1700	1600
	.10	3000	3000	3000	3000	2600	2100	2100	2100	1700	1400	1300	1100
	.90	5100	5100	5100	5100	4900	4100	3700	3400	3300	3300	3200	2600
	.50	3700	3700	3700	3700	3500	3300	3000	3000	2900	2900	2400	2000
	.10	3200	3200	3200	3200	3000	2700	2700	2600	2600	2500	2500	2000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3600	3600	3600	3600	3300	2800	2800	2800	2400	2200	2100	2000
	.50	3200	3200	3200	3200	2900	2400	2400	2400	2000	1800	1700	1400
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	1000
	.90	4300	4300	3700	3700	3500	3300	3200	2800	2600	2400	2200	2100
	.50	3300	3300	3300	3300	3000	2900	2400	2400	2000	1800	1700	1700
	.10	3000	3000	3000	3000	2700	2600	2100	2100	1700	1400	1300	1300
	.90	5200	5200	5200	5100	5100	4300	3700	3600	3300	3300	3300	2900
	.50	3800	3800	3800	3700	3700	3300	3200	3100	2900	2900	2900	2400
	.10	3200	3200	3000	3000	3000	2800	2700	2700	2500	2500	2500	2000
5100	.90	3700	3700	3700	3700	3300	3200	2800	2800	2500	2200	2100	2100
	.50	3300	3300	3300	3300	3000	2900	2400	2400	2000	1800	1700	1600
	.10	3000	3000	3000	3000	2700	2600	2100	2100	1700	1400	1300	1100
	.90	4300	4300	3700	3700	3600	3300	3200	3100	2600	2400	2200	2100
	.50	3300	3300	3300	3300	3100	3000	2900	2400	2100	1800	1800	1700
	.10	3000	3000	3000	3000	2800	2700	2400	2100	1700	1400	1300	1300
	.90	5200	5200	5200	5100	5100	4900	3700	3700	3300	3300	3300	3300
	.50	3800	3800	3800	3700	3700	3500	3300	3100	2900	2900	2900	2900
	.10	3300	3300	3000	3000	3000	2800	2700	2700	2500	2500	2500	2100
5200	.90	3700	3700	3700	3700	3300	3200	3200	2800	2500	2300	2100	2100
	.50	3300	3300	3300	3300	3000	3000	2700	2400	2000	1800	1700	1700
	.10	3000	3000	3000	3000	2700	2700	2400	2100	1700	1400	1300	1300
	.90	4400	4400	3700	3700	3600	3300	3200	3200	2700	2400	2200	2100
	.50	3400	3300	3300	3300	3100	3000	2900	2500	2300	1900	1800	1700
	.10	3100	3000	3000	3000	2800	2700	2600	2100	2000	1400	1300	1300
	.90	5200	5200	5200	5100	4900	4900	3700	3700	3300	3300	3300	3300
	.50	3800	3800	3800	3700	3700	3500	3300	3200	2900	2900	2900	2900
	.10	3300	3300	3000	3000	3000	2900	2800	2700	2500	2500	2500	2500
5300	.90	3700	3700	3700	3700	3300	3200	3200	3000	2600	2300	2200	2100
	.50	3300	3300	3300	3300	3100	3000	2900	2400	2100	1800	1700	1700
	.10	3000	3000	3000	3000	2800	2700	2600	2100	1800	1400	1300	1300
	.90	4500	4500	3700	3700	3700	3300	3300	3200	2800	2500	2300	2200
	.50	3400	3300	3300	3300	3100	3000	3000	2900	2300	1900	1800	1700
	.10	3100	3000	3000	3000	2800	2700	2700	2600	2000	1400	1400	1300
	.90	5300	5300	5300	5100	4900	4900	4200	3700	3300	3300	3300	3300
	.50	4000	4000	3900	3900	3700	3500	3300	3200	2900	2900	2900	2900
	.10	3700	3700	3300	3000	3000	2900	2800	2800	2500	2500	2500	2500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
5400	.90	4100	3700	3700	3700	3500	3300	3200	3200	2600	2400	2200	2100
	.50	3400	3300	3300	3300	3100	3000	3000	2900	2300	1800	1800	1700
	.10	3100	3000	3000	3000	2800	2700	2700	2600	2000	1400	1300	1300
	.90	4500	4500	3700	3700	3700	3400	3300	3300	3300	3100	2500	2300
	.50	3500	3300	3300	3300	3200	3100	3000	3000	2900	2400	1900	1800
	.10	3200	3000	3000	3000	2900	2800	2700	2700	2500	2100	1600	1400
	.90	5300	5300	5300	5100	4900	4900	4300	3700	3300	3300	3300	3300
	.50	4100	4100	4100	3900	3700	3700	3300	3300	3000	2900	2900	2900
	.10	3800	3800	3800	3400	3000	2900	2800	2800	2500	2500	2500	2500
5500	.90	4200	3700	3700	3700	3500	3300	3300	3200	2800	2400	2200	2100
	.50	3400	3300	3300	3300	3200	3100	3000	3000	2300	1900	1800	1700
	.10	3100	3000	3000	3000	2900	2800	2700	2700	2000	1500	1400	1300
	.90	4600	4600	3700	3700	3700	3400	3300	3300	3300	3300	3000	2500
	.50	3600	3600	3300	3300	3300	3100	3000	3000	2900	2900	2400	2000
	.10	3200	3200	3000	3000	3000	2800	2700	2700	2500	2500	2100	1600
	.90	5400	5400	5400	5100	4900	4900	4300	3700	3300	3300	3300	3300
	.50	4100	4100	4100	4100	3800	3700	3500	3300	3000	2900	2900	2900
	.10	3800	3800	3800	3800	3000	3000	2900	2800	2500	2500	2500	2500
5600	.90	4200	4200	3700	3700	3700	3300	3300	3300	3300	2800	2500	2300
	.50	3500	3300	3300	3300	3200	3100	3000	3000	2900	2800	2500	2300
	.10	3200	3000	3000	3000	2900	2800	2700	2700	2500	2400	1900	1800
	.90	4600	4600	4000	3700	3700	3500	3300	3300	3300	3300	3300	2800
	.50	3600	3600	3300	3300	3300	3200	3100	3000	2900	2900	2900	2300
	.10	3300	3200	3000	3000	3000	2800	2800	2700	2500	2500	2500	2000
	.90	5400	5400	5400	5100	4900	4900	4300	3700	3300	3300	3300	3300
	.50	4500	4200	4200	4200	4000	3700	3500	3300	3000	2900	2900	2900
	.10	4200	3900	3900	3900	3500	3000	2900	2800	2600	2500	2500	2500
5700	.90	4200	4200	3700	3700	3700	3400	3300	3300	3300	3300	2800	2500
	.50	3600	3600	3300	3300	3300	3100	3100	3000	2900	2900	2400	1900
	.10	3200	3200	3000	3000	3000	2800	2800	2700	2500	2500	2100	1600
	.90	4600	4600	4300	4100	3700	3600	3400	3300	3300	3300	3300	3200
	.50	3700	3700	3300	3300	3300	3200	3100	3100	2900	2900	2900	2900
	.10	3300	3300	3000	3000	3000	2900	2800	2800	2500	2500	2500	2500
	.90	5500	5500	5500	5100	4900	4900	4600	4300	3300	3300	3300	3300
	.50	4600	4600	4200	4200	4200	3700	3500	3300	3000	2900	2900	2900
	.10	4300	4300	3900	3900	3900	3900	3500	2900	2600	2500	2500	2500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4300	4300	3700	3700	3700	3400	3300	3300	3300	3300	3300	2800
	.50	3600	3600	3300	3300	3300	3200	3100	3100	2900	2900	2900	2300
	.10	3300	3200	3000	3000	3000	2900	2800	2800	2500	2500	2500	2000
	.90	4700	4700	4400	4300	3700	3700	3400	3300	3300	3300	3300	3300
	.50	4000	4000	3700	3300	3300	3200	3100	3100	2900	2900	2900	2900
	.10	3700	3700	3300	3000	3000	2900	2800	2800	2500	2500	2500	2500
	.90	5900	5900	5900	5500	4900	4900	4600	4400	3300	3300	3300	3300
	.50	4600	4600	4500	4500	4200	4100	3700	3500	3000	2900	2900	2900
	.10	4300	4300	3900	3900	3900	3000	3000	2900	2700	2500	2500	2500
5900	.90	4300	4300	4100	3700	3700	3400	3300	3300	3300	3300	3300	3200
	.50	3700	3700	3300	3300	3300	3200	3100	3100	2900	2900	2900	2900
	.10	3300	3300	3000	3000	3000	2900	2800	2800	2500	2500	2500	2500
	.90	4700	4700	4500	4500	4300	3700	3600	3400	3300	3300	3300	3300
	.50	4100	4100	4100	3700	3300	3300	3200	3100	2900	2900	2900	2900
	.10	3800	3800	3800	3300	3000	2900	2800	2800	2500	2500	2500	2500
	.90	5900	5900	5900	5900	5900	5600	4900	4700	3400	3300	3300	3300
	.50	4600	4600	4500	4500	4500	4300	4300	4000	3100	2900	2900	2900
	.10	4300	4300	4000	4000	4000	3600	3000	2900	2700	2500	2500	2500
6000	.90	4400	4400	4400	3700	3700	3500	3400	3300	3300	3300	3300	3300
	.50	4000	4000	3700	3300	3300	3200	3100	3100	2900	2900	2900	2900
	.10	3700	3700	3300	3000	3000	2900	2800	2800	2500	2500	2500	2500
	.90	4800	4800	4500	4500	4300	3700	3700	3400	3300	3300	3300	3300
	.50	4100	4100	4100	4100	3400	3300	3200	3100	2900	2900	2900	2900
	.10	3800	3800	3800	3800	3000	3000	2900	2800	2600	2500	2500	2500
	.90	5900	5900	5900	5900	5900	5900	5000	4900	3600	3300	3300	3300
	.50	4600	4600	4500	4500	4500	4500	4300	4300	3100	2900	2900	2900
	.10	4300	4300	4000	4000	4000	3600	3000	3000	2800	2500	2500	2500
6100	.90	4500	4500	4500	4500	3700	3700	3400	3300	3300	3300	3300	3300
	.50	4100	4100	4100	3700	3300	3200	2800	2800	2500	2500	2500	2500
	.10	3800	3800	3800	3300	3000	2900	2800	2800	2500	2500	2500	2500
	.90	4900	4900	4800	4600	4600	3900	3700	3600	3300	3300	3300	3300
	.50	4500	4500	4200	4200	3800	3300	3200	3100	2900	2900	2900	2900
	.10	4200	3900	3900	3900	3400	3000	2900	2800	2600	2500	2500	2500
	.90	5900	5900	5900	5900	5900	5900	5900	4900	3700	3300	3300	3300
	.50	4600	4600	4600	4500	4500	4500	4500	4400	3200	2900	2900	2900
	.10	4300	4300	4300	4100	4100	3900	3000	3000	2800	2500	2500	2500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK: SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION													
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	4500	4500	4500	4500	3700	3700	3500	3400	3300	3300	3300	3300
	.50	4100	4100	4100	4100	3300	3300	3200	3100	2900	2900	2900	2900
	.10	3800	3800	3800	3800	3000	3000	2900	2800	2600	2500	2500	2500
	.90	5000	5000	4900	4600	4000	4300	3700	3600	3300	3300	3300	3300
	.50	4600	4600	4200	4200	4200	3300	3300	3200	3000	2900	2900	2900
6300	.10	4300	4300	4300	4500	4100	4100	3500	3000	2800	2500	2500	2500
	.90	4900	4600	4600	4600	3700	3700	3600	3400	3300	3300	3300	3300
	.50	4500	4200	4200	4200	3800	3300	3200	3100	2900	2900	2900	2900
	.10	4200	3900	3900	3900	3400	3000	2900	2800	2600	2500	2500	2500
	.90	5000	5000	4900	4600	4600	4300	3700	3700	3300	3300	3500	3300
6400	.50	4600	4600	4200	4200	4200	3300	3300	3200	3000	2900	2900	2900
	.10	4300	4300	3900	3900	3900	3000	3000	2900	2700	2500	2500	2500
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4000	3300	3300	3300
	.50	4600	4600	4600	4500	4500	4500	4500	4500	3300	2900	2900	2900
	.10	4300	4300	4300	4100	4100	4100	3700	3000	2800	2500	2500	2500
6500	.90	5000	5000	4600	4600	4600	3700	3700	3400	3300	3300	3300	3300
	.50	4600	4600	4200	4200	4200	3300	3300	3200	3000	2900	2900	2900
	.10	4300	4300	3900	3900	3900	3000	3000	2900	2700	2500	2500	2500
	.90	6300	6300	6300	6300	5900	5900	5900	5900	4600	3300	3300	3300
	.50	4900	4900	4900	4900	4600	4600	4500	4500	3700	3000	2900	2900
6500	.10	4300	4300	4300	4100	4100	4100	3800	3200	2800	2600	2500	2500
	.90	5000	5000	4600	4600	4600	4100	3700	3600	3300	2900	2900	2900
	.50	4600	4600	4200	4200	4200	3300	3300	3200	3000	2900	2900	2900
	.10	4300	4300	3900	3900	3900	3000	3000	2900	2700	2500	2500	2500
	.90	5000	5000	5000	5000	4700	4700	4700	4700	3300	3000	2900	2900
6500	.50	4600	4600	4300	4300	4300	3600	3600	3300	3000	2900	2900	2900
	.10	4300	4300	4000	4000	4000	3600	3300	3000	2700	2500	2500	2500
	.90	6300	6300	6300	6300	5900	5900	5900	5900	4600	3300	3300	3300
	.50	4900	4900	4900	4900	4600	4600	4500	4500	3700	3000	2900	2900
	.10	4300	4300	4300	4100	4100	4100	3800	3200	2800	2600	2500	2500
6500	.90	5000	5000	4600	4600	4600	4100	3700	3600	3300	2900	2900	2900
	.50	4600	4600	4200	4200	4200	3300	3300	3200	3000	2900	2900	2900
	.10	4300	4300	3900	3900	3900	3000	3000	2900	2700	2500	2500	2500
	.90	6300	6300	6300	6300	5900	5900	5900	5900	4600	3300	3300	3300
	.50	4900	4900	4900	4900	4600	4600	4500	4500	3700	3000	2900	2900
6500	.10	4300	4300	4000	4000	4000	3600	3600	3300	3000	2900	2900	2900
	.90	5000	5000	5000	5000	4700	4700	4700	4700	3300	3000	2900	2900
	.50	4600	4600	4300	4300	4300	3600	3600	3300	3000	2900	2900	2900
	.10	4300	4300	4000	4000	4000	3600	3300	3000	2700	2500	2500	2500
	.90	6300	6300	6300	6300	5900	5900	5900	5900	4800	3300	3300	3300
6500	.50	4900	4900	4900	4900	4900	4500	4500	4500	3700	3000	2900	2900
	.10	4300	4300	4300	4100	4100	4100	3800	3200	2800	2600	2500	2500
	.90	5000	5000	4600	4600	4600	4100	3700	3600	3300	2900	2900	2900
	.50	4600	4600	4200	4200	4200	3300	3300	3200	3000	2900	2900	2900
	.10	4300	4300	3900	3900	3900	3000	3000	2900	2700	2500	2500	2500
6500	.90	5500	4900	4900	4900	4900	4500	4500	4500	3700	3000	2900	2900
	.50	5200	4300	4300	4300	4100	4100	4100	3500	2800	2500	2500	2500
	.10	4300	4300	4000	4000	4000	3600	3300	3000	2700	2500	2500	2500
	.90	6300	6300	6300	6300	5900	5900	5900	5900	4800	3300	3300	3300
	.50	4900	4900	4900	4900	4900	4500	4500	4500	3700	3000	2900	2900

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
6600	.90	5000	5000	4700	4700	4700	4300	3700	3700	3300	3300	3300	3300	
	.50	4600	4600	4300	4300	4300	3900	3300	3300	3000	2900	2900	2900	
	.10	4300	4300	4000	4000	4000	3500	3000	3000	2700	2500	2500	2500	
	.90	5100	5100	5000	5000	4900	4800	4400	4100	3300	3300	3300	3300	
	.50	4600	4600	4400	4400	4400	4200	3700	3300	3000	2900	2900	2900	
	.10	4300	4300	4100	4100	4100	3800	3000	3000	2700	2500	2500	2500	
	.90	6300	6300	6300	6300	6300	6300	5900	5900	4800	3300	3300	3300	3300
	.50	5500	5200	4900	4900	4900	4900	4500	4500	4300	3100	2900	2900	2900
	.10	5200	4900	4300	4300	4100	4100	4100	3500	2900	2700	2500	2500	2500
	.90	5000	5000	4700	4700	4700	4700	4000	4000	3700	3300	3300	3300	3300
6700	.90	4600	4600	4300	4300	4300	4000	3300	3300	3000	2900	2900	2900	
	.50	4300	4300	4000	4000	4000	3600	3000	3000	2700	2500	2500	2500	
	.10	4300	4300	4000	4000	4000	3600	3000	3000	2700	2500	2500	2500	
	.90	5100	5100	5100	5100	5000	4800	4800	4500	3400	3300	3300	3300	
	.50	4600	4600	4400	4400	4400	4400	3800	3700	2900	2900	2900	2900	
	.10	4300	4300	4100	4100	4100	4100	3500	3000	2700	2500	2500	2500	
	.90	6300	6300	6300	6300	6300	6300	5900	5900	4800	3300	3300	3300	3300
	.50	5500	5500	4900	4900	4900	4900	4500	4500	4400	3100	2900	2900	2900
	.10	5200	5200	4300	4300	4100	4100	4100	3900	2900	2700	2500	2500	2500
	.90	5000	5000	5000	4800	4800	4800	4300	3700	3300	3300	3300	3300	3300
6800	.90	4000	4600	4600	4400	4400	4200	3300	3300	3000	2900	2900	2900	
	.50	4300	4300	4300	4100	4100	3800	3000	3000	2700	2500	2500	2500	
	.10	4300	4300	4300	4100	4100	3800	3000	3000	2700	2500	2500	2500	
	.90	5200	5200	5100	5100	5100	4900	4900	4500	3100	2900	2900	2900	
	.50	4600	4600	4600	4400	4400	4400	3800	3700	2900	2900	2900	2900	
	.10	4300	4300	4300	4100	4100	4100	3500	3000	2700	2500	2500	2500	
	.90	6300	6300	6300	6300	6300	6300	5900	5900	4800	3300	3300	3300	3300
	.50	5500	5500	4900	4900	4900	4900	4500	4500	4400	3100	2900	2900	2900
	.10	5200	5200	4300	4300	4100	4100	4100	3900	2900	2700	2500	2500	2500
	.90	5000	5000	5000	4800	4800	4800	4300	3700	3300	3300	3300	3300	3300
6900	.90	4000	4600	4600	4400	4400	4200	3300	3300	3000	2900	2900	2900	
	.50	4300	4300	4300	4100	4100	3800	3000	3000	2700	2500	2500	2500	
	.10	4300	4300	4300	4100	4100	3800	3000	3000	2700	2500	2500	2500	
	.90	5200	5200	5200	5100	5100	4900	4900	4500	3100	2900	2900	2900	
	.50	4600	4600	4600	4400	4400	4400	3800	3700	2900	2900	2900	2900	
	.10	4300	4300	4300	4100	4100	4100	3500	3000	2700	2500	2500	2500	
	.90	6300	6300	6300	6300	6300	6300	5900	5900	4800	3400	3300	3300	3300
	.50	5600	5600	5300	4900	4900	4900	4900	4500	4400	3100	2900	2900	2900
	.10	5300	5300	5000	4300	4100	4100	4100	4100	3000	2800	2500	2500	2500
	.90	5000	5000	5000	4800	4800	4800	4800	4000	3300	3300	3300	3300	3300
6900	.90	4600	4600	4600	4400	4400	4400	3800	3300	3100	2900	2900	2900	
	.50	4300	4300	4300	4100	4100	4100	3800	3300	2900	2900	2900	2900	
	.10	4300	4300	4300	4100	4100	4100	3500	3000	2700	2500	2500	2500	
	.90	5200	5200	5200	5100	5100	4900	4900	4800	3400	3300	3300	3300	
	.50	4600	4600	4600	4400	4400	4400	3800	3300	2900	2900	2900	2900	
	.10	4300	4300	4300	4100	4100	4100	3500	3000	2700	2500	2500	2500	
	.90	6300	6300	6300	6300	6300	6300	5900	5900	4800	3400	3300	3300	3300
	.50	5600	5600	5300	4900	4900	4900	4900	4500	4400	3100	2900	2900	2900
	.10	5300	5300	5000	4300	4100	4100	4100	4100	3000	2800	2500	2500	2500
	.90	5000	5000	5000	4800	4800	4800	4800	4000	3300	3300	3300	3300	3300
6900	.90	4600	4600	4600	4400	4400	4400	3800	3300	3100	2900	2900	2900	
	.50	4300	4300	4300	4100	4100	4100	3800	3300	2900	2900	2900	2900	
	.10	4300	4300	4300	4100	4100	4100	3500	3000	2700	2500	2500	2500	
	.90	5200	5200	5200	5100	5100	4900	4900	4800	3400	3300	3300	3300	
	.50	4600	4600	4600	4400	4400	4400	3800	3300	2900	2900	2900	2900	
	.10	4300	4300	4300	4100	4100	4100	3500	3000	2700	2500	2500	2500	
	.90	6300	6300	6300	6300	6300	6300	5900	5900	4800	3400	3300	3300	3300
	.50	5600	5600	5300	4900	4900	4900	4900	4500	4400	3100	2900	2900	2900
	.10	5300	5300	5000	4300	4100	4100	4100	4100	3000	2800	2500	2500	2500
	.90	5000	5000	5000	4800	4800	4800	4800	4000	3300	3300	3300	3300	3300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	5000	5000	5000	4900	4800	4800	4500	4000	3300	3300	3300	3300
	.50	4600	4600	4600	4400	4400	4400	3900	3300	3100	2900	2900	2900
	.10	4300	4300	4300	4100	4100	4100	3600	3000	2800	2500	2500	2500
	.90	5900	5200	5200	5100	5000	4900	4800	4800	3600	3300	3300	3300
	.50	5500	4600	4600	4400	4400	4400	4400	3800	3200	2900	2900	2900
	.10	5200	4300	4300	4100	4100	4100	4100	3500	2800	2500	2500	2500
	.90	6300	6300	6300	6300	6300	6300	6300	5900	4800	3500	3300	3300
	.50	5700	5700	5300	4900	4900	4900	4900	4600	4400	3100	2900	2900
	.10	5400	5400	5000	4300	4100	4100	4100	4100	3000	2800	2500	2500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	700	700	700	700	700	700	700	600	400	400	300	200
	.50	400	400	400	400	400	400	400	400	200	100	100	0
	.10	100	100	100	100	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	900	800	700	700	500	400	400	400
	.50	600	600	600	600	600	500	400	400	300	100	100	100
	.10	300	300	100	100	100	100	0	0	0	0	0	0
	.90	2600	1700	1700	1700	1400	1200	1200	1200	1000	800	700	600
	.50	1500	1000	1000	900	900	900	900	900	700	500	300	200
	.10	600	500	500	500	500	400	400	400	200	0	0	0
1500	.90	800	800	700	700	700	700	700	600	400	400	400	300
	.50	600	600	400	400	400	400	400	400	200	100	100	0
	.10	300	300	100	100	100	0	0	0	0	0	0	0
	.90	1200	900	900	900	900	900	800	800	600	500	400	400
	.50	600	600	600	600	600	600	600	500	400	200	100	100
	.10	300	300	300	300	200	100	100	100	0	0	0	0
	.90	2600	1700	1700	1700	1500	1400	1400	1200	1200	900	800	700
	.50	1500	1100	1100	1100	1100	1000	900	900	800	600	400	300
	.10	600	600	600	600	600	600	500	500	400	100	0	0
1600	.90	900	900	900	900	900	800	800	700	500	400	400	400
	.50	600	600	600	600	600	600	500	500	400	100	100	100
	.10	300	300	300	300	200	100	100	0	0	0	0	0
	.90	1200	1000	1000	1000	900	900	900	800	700	500	400	400
	.50	700	700	700	700	600	600	600	600	400	200	100	100
	.10	400	400	300	300	300	200	100	100	0	0	0	0
	.90	2600	1700	1700	1700	1500	1400	1400	1400	1200	1000	900	800
	.50	1500	1200	1200	1200	1100	1100	1100	1100	900	700	600	400
	.10	700	700	700	700	600	600	600	600	400	200	0	0
1700	.90	900	900	900	900	900	900	800	800	600	400	400	400
	.50	700	700	600	600	600	600	500	500	400	200	100	100
	.10	400	400	300	300	300	100	100	100	0	0	0	0
	.90	1200	1000	1000	1000	1000	1000	900	900	700	500	400	400
	.50	800	700	700	700	700	700	600	600	400	200	100	100
	.10	400	400	300	300	300	100	100	100	0	0	0	0
	.90	2600	1700	1700	1700	1700	1500	1500	1400	1200	1000	900	800
	.50	1500	1300	1300	1300	1200	1200	1100	1100	900	700	600	400
	.10	900	900	900	900	700	700	700	700	500	400	400	400
	.90	2600	1700	1700	1700	1700	1500	1500	1400	1300	1100	1000	900
	.50	1500	1300	1300	1300	1200	1200	1100	1100	900	700	700	500
	.10	900	900	900	900	700	700	700	600	500	200	200	0

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	1000	1000	1000	1000	900	900	900	800	700	500	400	400
	.50	800	700	700	700	600	600	600	600	400	200	100	100
	.10	500	400	400	300	300	200	100	100	0	0	0	0
	.90	1200	1200	1100	1000	1000	1000	1000	1000	800	600	500	400
	.50	1000	800	800	800	800	700	700	700	500	300	200	100
	.10	600	500	500	500	400	300	200	200	100	0	0	0
	.90	3200	2600	2400	1700	1700	1500	1500	1500	1300	1200	1000	1000
	.50	2100	1500	1300	1300	1300	1200	1200	1100	1000	700	700	600
	.10	900	900	900	900	900	700	700	700	600	300	200	100
1900	.90	1000	1000	1000	1000	1000	1000	1000	900	700	500	400	400
	.50	800	800	800	800	700	700	700	600	400	200	100	100
	.10	500	500	500	500	400	300	200	200	0	0	0	0
	.90	1300	1300	1200	1200	1200	1200	1100	1000	900	700	500	400
	.50	1000	1000	900	900	900	900	800	800	600	400	200	100
	.10	600	600	600	600	500	500	400	400	200	0	0	0
	.90	3200	3200	2500	2500	1700	1600	1500	1500	1400	1200	1000	1000
	.50	2100	2100	1500	1500	1300	1300	1200	1200	1100	800	700	600
	.10	1000	1000	900	900	900	900	700	700	600	400	200	100
2000	.90	1200	1100	1100	1100	1000	1000	1000	1000	800	600	500	400
	.50	1000	900	900	900	800	800	700	700	500	300	200	100
	.10	600	600	600	600	500	400	300	200	100	0	0	0
	.90	1400	1300	1300	1200	1200	1200	1200	1200	1000	800	600	500
	.50	1000	1000	1000	1000	900	900	900	900	700	400	300	200
	.10	600	600	600	600	600	500	500	400	200	0	0	0
	.90	3200	3200	2500	2500	1800	1700	1500	1500	1400	1200	1100	1000
	.50	2100	2100	1500	1500	1300	1300	1300	1200	1100	900	700	700
	.10	1000	1000	1000	900	900	900	800	700	600	400	200	200
2100	.90	1200	1200	1200	1200	1200	1100	1100	1000	900	700	500	400
	.50	1000	1000	900	900	900	900	900	800	600	400	200	100
	.10	600	600	600	600	600	500	500	400	200	0	0	0
	.90	1400	1400	1400	1400	1400	1300	1200	1200	1100	900	700	500
	.50	1100	1100	1100	1100	1100	1100	900	900	800	600	400	200
	.10	700	700	700	700	600	600	600	500	400	100	0	0
	.90	3200	3200	2500	2500	1800	1700	1600	1600	1400	1300	1100	1000
	.50	2100	2100	1500	1500	1500	1300	1300	1300	1100	900	700	700
	.10	1000	1000	1000	1000	1000	1000	900	900	800	600	400	200
2200	.90	1200	1200	1200	1200	1200	1100	1100	1000	900	700	500	400
	.50	1000	1000	900	900	900	900	900	800	600	400	200	100
	.10	600	600	600	600	600	500	400	400	200	0	0	0
	.90	1400	1400	1400	1400	1400	1300	1200	1200	1100	900	700	500
	.50	1100	1100	1100	1100	1100	1100	900	900	800	600	400	200
	.10	700	700	700	700	600	600	600	500	400	100	0	0
	.90	3200	3200	2500	2500	1800	1700	1600	1600	1400	1300	1100	1000
	.50	2100	2100	1500	1500	1500	1300	1300	1300	1100	900	700	700
	.10	1000	1000	1000	1000	1000	1000	900	900	800	600	400	200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1300	1300	1300	1200	1200	1200	1200	1200	1000	700	600	500
	.50	1000	1000	1000	900	900	900	900	900	700	500	300	200
	.10	700	600	600	600	600	500	500	400	300	0	0	0
	.90	1500	1500	1500	1500	1500	1400	1400	1400	1200	1000	900	700
	.50	1300	1300	1300	1200	1200	1100	1100	1100	900	700	600	400
	.10	900	900	900	700	700	700	600	600	400	200	100	0
	.90	3200	3200	2500	2500	2400	1700	1700	1600	1500	1400	1200	1100
	.50	2100	2100	1600	1600	1500	1300	1300	1300	1100	900	800	700
	.10	1100	1100	1100	1100	900	900	900	800	700	400	200	200
2300	.90	1400	1400	1400	1400	1400	1300	1200	1200	1100	800	700	500
	.50	1100	1100	1100	1100	1100	1100	900	900	800	600	400	200
	.10	800	800	700	700	600	600	600	500	400	100	0	0
	.90	1500	1500	1500	1500	1500	1500	1500	1400	1200	1000	1000	800
	.50	1300	1300	1300	1300	1300	1200	1200	1100	900	700	700	500
	.10	900	900	900	900	900	700	700	700	600	300	200	0
	.90	3200	3200	2500	2500	2500	1900	1700	1700	1500	1400	1200	1100
	.50	2100	2100	1600	1600	1500	1400	1300	1300	1200	1000	900	700
	.10	1100	1100	1100	1100	900	900	900	800	700	500	400	200
2400	.90	1500	1500	1500	1500	1500	1400	1400	1400	1200	1000	800	700
	.50	1300	1300	1300	1200	1200	1100	1100	1100	900	700	600	400
	.10	900	900	900	700	700	700	600	600	400	200	100	0
	.90	1700	1600	1500	1500	1500	1500	1500	1400	1300	1100	1000	900
	.50	1400	1300	1300	1300	1300	1300	1200	1200	1000	800	700	600
	.10	900	900	900	900	900	900	700	700	600	400	200	100
	.90	3200	3200	2500	2500	2500	2000	1700	1700	1500	1400	1300	1200
	.50	2100	2100	1700	1700	1500	1400	1300	1300	1200	1100	900	800
	.10	1400	1200	1200	1200	900	900	900	900	700	600	400	200
2500	.90	1500	1500	1500	1500	1500	1500	1500	1400	1200	1000	1000	800
	.50	1300	1300	1300	1300	1300	1200	1200	1100	900	700	700	500
	.10	900	900	900	900	900	700	700	700	600	300	200	0
	.90	1800	1800	1700	1700	1500	1500	1500	1500	1300	1100	1000	1000
	.50	1500	1500	1300	1300	1300	1300	1200	1200	1100	800	700	600
	.10	1000	1000	900	900	900	900	800	700	600	400	200	100
	.90	3200	3200	2600	2500	2500	2000	1700	1700	1500	1400	1400	1200
	.50	2100	2100	1700	1700	1700	1500	1300	1300	1200	1100	900	900
	.10	1500	1200	1200	1200	1200	1200	1200	1100	900	700	600	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1700	1600	1500	1500	1500	1500	1500	1400	1300	1000	1000	900
	.50	1400	1300	1300	1300	1300	1300	1200	1200	1100	800	700	600
	.10	900	900	900	900	900	900	700	700	600	400	200	100
	.90	1800	1800	1700	1600	1600	1500	1500	1500	1400	1200	1000	1000
	.50	1500	1500	1300	1300	1300	1300	1200	1200	1100	900	700	600
	.10	1000	1000	900	900	900	900	900	700	600	400	200	200
	.90	3200	3200	2600	2500	2500	2200	2200	2100	1600	1500	1400	1300
	.50	2100	2100	2000	2000	2000	1800	1500	1400	1200	1100	1000	900
	.10	1600	1600	1600	1600	1600	1300	900	900	700	600	400	400
2700	.90	1800	1800	1600	1600	1500	1500	1500	1500	1300	1100	1000	900
	.50	1500	1500	1300	1300	1300	1300	1200	1200	1100	900	700	600
	.10	1000	1000	900	900	900	900	800	700	600	400	200	200
	.90	1800	1800	1800	1600	1600	1500	1500	1500	1400	1200	1000	1000
	.50	1500	1500	1500	1300	1300	1300	1300	1200	1100	900	700	700
	.10	1000	1000	1000	1000	900	900	900	800	600	400	200	200
	.90	3400	3200	2600	2500	2500	2300	2300	2200	1700	1500	1400	1400
	.50	2300	2100	2100	2100	2100	2000	2000	1800	1300	1200	1100	900
	.10	1700	1700	1700	1700	1700	1600	1600	1300	800	700	600	400
2800	.90	1800	1800	1600	1600	1500	1500	1500	1500	1400	1200	1000	1000
	.50	1500	1500	1300	1300	1300	1300	1200	1200	1100	900	700	600
	.10	1000	1000	1000	900	900	900	900	700	600	400	200	200
	.90	1900	1900	1900	1700	1700	1600	1500	1500	1400	1200	1000	1000
	.50	1600	1600	1600	1600	1300	1300	1300	1300	1100	900	700	700
	.10	1100	1100	1100	1100	900	900	900	800	700	500	300	200
	.90	4100	3300	3200	2500	2500	2400	2300	2300	1800	1600	1500	1400
	.50	3000	2200	2100	2100	2100	2100	2000	2000	1300	1200	1100	1000
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
2900	.90	1800	1800	1800	1800	1600	1500	1500	1500	1400	1200	1000	1000
	.50	1500	1500	1500	1300	1300	1300	1300	1200	1100	900	700	700
	.10	1100	1100	1000	1000	900	900	900	800	600	400	200	200
	.90	1100	1100	1000	1000	900	900	900	800	600	400	200	200
	.50	2000	1900	1900	1700	1700	1600	1600	1500	1400	1300	1200	1000
	.10	1800	1600	1600	1600	1300	1300	1300	1300	1200	900	800	700
	.90	1400	1100	1100	1100	900	900	900	900	700	600	400	200
	.50	4200	3400	3200	3100	2500	2400	2300	2300	1800	1600	1500	1400
	.10	3100	2300	2200	2100	2100	2100	2000	2000	1300	1200	1100	1100
	.90	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	.90	1900	1900	1900	1600	1600	1500	1500	1400	1200	1000	1000
	.50	.50	1600	1600	1600	1300	1300	1300	1300	1100	900	700	700
	.10	.10	1100	1100	1100	900	900	900	900	700	500	300	200
	.90	.90	2600	2000	2000	1700	1600	1600	1600	1500	1300	1200	1100
	.50	.50	1900	1700	1700	1400	1300	1300	1300	1200	1100	900	700
	.10	.10	1500	1300	1200	1100	900	900	900	700	600	400	200
	.90	.90	4200	4200	3200	2500	2500	2300	2300	2200	1600	1600	1500
	.50	.50	3100	3100	2200	2100	2100	2000	2000	1600	1300	1200	1100
	.10	.10	1700	1700	1700	1700	1600	1600	1600	1300	700	600	600
3100	.90	.90	2000	1900	1900	1600	1600	1500	1500	1400	1200	1100	1000
	.50	.50	1800	1600	1600	1300	1300	1300	1300	1200	900	800	700
	.10	.10	1400	1300	1100	900	900	900	900	700	600	400	200
	.90	.90	2600	2200	2200	2200	2000	1700	1600	1500	1400	1200	1200
	.50	.50	2000	2000	2000	2000	1700	1400	1300	1200	1100	900	800
	.10	.10	1600	1600	1600	1200	1200	1100	900	700	600	400	300
	.90	.90	4200	4200	3600	3100	2500	2400	2300	2200	1800	1600	1600
	.50	.50	3100	3100	2500	2100	2100	2100	2000	1800	1400	1200	1100
	.10	.10	2100	2100	1700	1700	1700	1600	1600	1300	900	700	600
3200	.90	.90	2100	2000	2000	1800	1600	1600	1600	1500	1300	1200	1000
	.50	.50	1900	1700	1700	1600	1300	1300	1300	1200	1100	900	700
	.10	.10	1500	1300	1300	1200	900	900	900	700	600	400	200
	.90	.90	2600	2600	2300	2300	2200	2200	2100	1600	1400	1300	1200
	.50	.50	2100	2100	2100	2100	2000	2000	1800	1300	1100	900	900
	.10	.10	1700	1700	1700	1700	1600	1600	1300	800	700	500	400
	.90	.90	4300	4300	3600	3100	2700	2500	2500	2200	2100	1800	1600
	.50	.50	3200	3200	2500	2500	2200	2100	2100	1900	1800	1300	1200
	.10	.10	2100	2100	2100	2100	1700	1700	1600	1300	1300	800	700
3300	.90	.90	2200	2200	2200	2200	2000	1800	1600	1500	1400	1200	1100
	.50	.50	2000	2000	2000	2000	1700	1600	1300	1200	1100	900	700
	.10	.10	1600	1600	1600	1600	1300	1200	900	700	600	400	300
	.90	.90	2600	2600	2300	2300	2300	2200	2200	1600	1500	1400	1200
	.50	.50	2100	2100	2100	2100	2000	2000	2000	1300	1100	1100	900
	.10	.10	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	.90	4300	4300	3600	3100	2700	2500	2500	2200	2100	1800	1600
	.50	.50	3200	3200	2500	2500	2200	2100	2100	1900	1800	1300	1200
	.10	.10	2100	2100	2100	2100	1700	1700	1600	1300	1300	800	700
	.90	.90	2200	2200	2200	2200	2000	1800	1600	1500	1400	1200	1100
	.50	.50	2000	2000	2000	2000	1700	1600	1300	1200	1100	900	700
	.10	.10	1600	1600	1600	1600	1300	1200	900	700	600	400	300
	.90	.90	2600	2600	2300	2300	2300	2200	2200	1600	1500	1400	1200
	.50	.50	2100	2100	2100	2100	2000	2000	2000	1300	1100	1100	900
	.10	.10	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	.90	4300	4300	3600	3100	2700	2700	2500	2200	2100	1900	1700
	.50	.50	3200	3200	2500	2500	2200	2100	2100	1900	1800	1500	1300
	.10	.10	2100	2100	2100	2100	1700	1700	1600	1300	1300	800	700
	.90	.90	2200	2200	2200	2200	2000	1800	1600	1500	1400	1200	1100
	.50	.50	2000	2000	2000	2000	1700	1600	1300	1200	1100	900	700
	.10	.10	1600	1600	1600	1600	1300	1200	900	700	600	400	300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2300	2300	2300	2300	2300	2200	2200	2100	1500	1400	1300	1200
	.50	2100	2100	2100	2100	2100	2000	2000	1800	1300	1100	900	900
	.10	1700	1700	1700	1700	1700	1600	1600	1300	800	700	600	400
	.90	2600	2600	2300	2300	2300	2300	2200	2200	1600	1500	1400	1300
	.50	2100	2100	2100	2100	2100	2000	2000	2000	1300	1200	1100	900
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	4400	4400	3600	3600	3200	2700	2700	2600	2200	2100	2100	1800
	.50	3300	3300	2500	2500	2500	2200	2200	2100	1900	1800	1700	1300
	.10	2100	2100	2100	2100	2100	1700	1700	1700	1400	1300	900	800
3500	.90	2300	2300	2300	2300	2300	2200	2200	2200	1600	1400	1400	1200
	.50	2100	2100	2100	2100	2100	2000	2000	2000	1300	1200	1100	900
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	2600	2600	2500	2300	2300	2200	2200	2200	1700	1500	1400	1400
	.50	2100	2100	2100	2100	2100	2000	2000	2000	1300	1200	1100	900
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	4500	4500	3600	3600	3200	2700	2700	2700	2300	2100	2100	1800
	.50	3400	3400	2500	2500	2500	2200	2200	2100	1900	1800	1700	1300
	.10	2100	2100	2100	2100	2100	1700	1700	1700	1400	1300	1000	800
3600	.90	2300	2300	2300	2300	2300	2200	2200	2200	1600	1500	1400	1200
	.50	2100	2100	2100	2100	2100	2000	2000	2000	1300	1200	1100	900
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	400
	.90	3200	2700	2600	2500	2300	2300	2200	2200	1800	1600	1500	1400
	.50	2500	2500	2100	2100	2100	2100	2000	2000	1600	1200	1100	1100
	.10	2100	2100	1700	1700	1700	1700	1600	1600	1300	700	600	600
	.90	4500	4500	3600	3600	3200	2700	2700	2700	2300	2100	2100	1800
	.50	3400	3400	2500	2500	2500	2200	2300	2100	1900	1800	1800	1400
	.10	2100	2100	2100	2100	2100	1700	1700	1700	1400	1300	1100	800
3700	.90	2300	2300	2300	2300	2300	2200	2200	2200	1600	1500	1400	1300
	.50	2100	2100	2100	2100	2100	2000	2000	2000	1300	1200	1100	900
	.10	1700	1700	1700	1700	1700	1600	1600	1600	900	700	600	500
	.90	3200	3200	2700	2700	2700	2500	2300	2300	2200	1800	1600	1500
	.50	2500	2500	2500	2100	2100	2100	2100	2000	1800	1300	1200	1100
	.10	2100	2100	2100	2100	2100	1700	1700	1600	1300	900	700	600
	.90	4600	4600	3700	3600	3200	2700	2700	2700	2300	2200	2100	1900
	.50	3500	3500	2600	2500	2500	2500	2500	2500	2000	1800	1800	1400
	.10	2600	2600	2100	2100	2100	2100	2000	1700	1400	1300	1200	800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION Q EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3800 .90	2700	2700	2300	2300	2300	2300	2200	2200	1800	1500	1400	1400
	.50	2500	2100	2100	2100	2100	2000	2000	1600	1200	1100	1100
	.10	2100	1700	1700	1700	1700	1600	1600	1300	700	600	600
	.90	3200	2700	2700	2700	2700	2400	2300	2200	2100	1600	1500
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700
	.90	4600	4600	3700	3600	3100	2700	2700	2500	2200	2100	1900
	.50	3500	3500	3100	3000	2500	2500	2300	2000	1900	1800	1500
	.10	2700	2700	2600	2600	2100	2100	2000	1600	1300	1300	900
3900 .90	2700	2700	2700	2700	2700	2300	2300	2200	2100	1700	1500	1400
	.50	2500	2500	2500	2500	2100	2100	2000	1800	1300	1200	1100
	.10	2100	2100	2100	2100	1700	1700	1600	1300	900	700	600
	.90	3200	3200	2700	2700	2700	2500	2300	2200	2100	1800	1600
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700
	.90	4600	4600	4300	3600	3200	3100	2700	2500	2200	2100	2100
	.50	3500	3500	3200	3100	2500	2500	2500	2100	1900	1800	1600
	.10	2700	2700	2700	2600	2100	2100	2000	1600	1300	1300	900
4000 .90	2700	2700	2700	2700	2700	2700	2300	2300	2200	2100	1600	1500
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700
	.90	3200	3200	2700	2700	2700	2500	2400	2200	2100	1900	1600
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700
	.90	4600	4600	4300	3600	3200	3100	2700	2500	2200	2100	2100
	.50	3500	3500	3200	3100	2500	2500	2500	2100	1900	1800	1600
	.10	2700	2700	2700	2600	2100	2100	2000	1600	1300	1300	900
4100 .90	2700	2700	2700	2700	2700	2700	2300	2300	2200	2100	1600	1500
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700
	.90	4700	4700	4300	4300	3200	3100	2700	2500	2300	2100	2100
	.50	3600	3600	3200	3200	2500	2500	2500	2100	1900	1800	1700
	.10	2800	2800	2800	2800	2600	2100	2000	1600	1300	1300	1000
	.90	2700	2700	2700	2700	2700	2300	2300	2200	2100	1700	1600
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700
	.90	3200	3200	2700	2700	2700	2500	2500	2200	2100	2100	1700
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1600	1300
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700
	.90	4700	4700	4300	4300	3600	3200	3100	2500	2300	2100	2100
	.50	3600	3600	3200	3200	2800	2500	2500	2100	1900	1800	1700
	.10	2800	2800	2800	2800	2600	2100	2000	1600	1300	1300	1000
	.90	2700	2700	2700	2700	2700	2300	2300	2200	2100	1700	1600
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1300	1200
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	900	700
	.90	3200	3200	2700	2700	2700	2500	2500	2200	2100	2100	1700
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1600	1300
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700
	.90	4700	4700	4300	4300	3600	3200	3100	2500	2300	2100	2100
	.50	3600	3600	3200	3200	2800	2500	2500	2100	1900	1800	1700
	.10	2800	2800	2800	2800	2600	2100	2000	1600	1300	1300	1000
	.90	2700	2700	2700	2700	2700	2300	2300	2200	2100	1700	1600
	.50	2500	2500	2500	2500	2500	2100	2100	1900	1800	1600	1300
	.10	2100	2100	2100	2100	2100	1700	1700	1400	1300	800	700
	.90	4700	4700	4300	4300	3600	3200	3100	2500	2300	2100	2100
	.50	3600	3600	3200	3200	2800	2500	2500	2100	1900	1800	1700
	.10	2800	2800	2800	2800	2600	2100	2000	1600	1300	1300	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- PINK:  
 SPawning MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
4200	.90	2700	2700	2700	2700	2700	2700	2500	2300	2200	2100	1800	1600
	.50	2500	2500	2500	2500	2500	2500	2300	2100	1900	1800	1600	1200
	.10	2100	2100	2100	2100	2100	2100	2000	1700	1400	1300	1300	800
	.90	3200	3200	2700	2700	2700	2700	2500	2500	2200	2100	2100	1700
	.50	3000	3000	2500	2500	2500	2500	2300	2300	1900	1800	1600	1300
	.10	2600	2600	2100	2100	2100	2100	2000	1900	1400	1300	1300	800
	.90	4800	4800	4300	4300	3600	3400	3200	3100	2600	2300	2200	2100
	.50	3700	3700	3300	3300	3200	3000	2500	2500	2100	1900	1800	1800
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	1100
4300	.90	2700	2700	2700	2700	2700	2700	2500	2500	2200	2100	1800	1600
	.50	2500	2500	2500	2500	2500	2500	2300	2100	1900	1800	1600	1300
	.10	2100	2100	2100	2100	2100	2100	2000	1800	1400	1300	1300	800
	.90	3300	3300	3200	3200	2700	2700	2700	2500	2200	2100	2100	1800
	.50	3100	3100	3000	3000	2500	2500	2500	2300	2000	1800	1700	1300
	.10	2700	2700	2600	2600	2100	2100	2100	2000	1600	1300	1300	800
	.90	4800	4800	4300	4300	3600	3500	3200	3200	2600	2300	2200	2100
	.50	3700	3700	3300	3300	3200	3000	2500	2500	2300	1900	1900	1800
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	1100
4400	.90	3200	3200	2700	2700	2700	2700	2500	2500	2200	2100	2000	1600
	.50	3000	3000	2500	2500	2500	2500	2300	2300	1900	1800	1600	1300
	.10	2600	2600	2100	2100	2100	2100	2000	2000	1400	1300	1300	800
	.90	3300	3300	3300	3200	3200	2700	2700	2500	2300	2100	2100	1800
	.50	3100	3100	3100	3000	2500	2500	2500	2300	2000	1800	1800	1300
	.10	2700	2700	2700	2600	2100	2100	2100	2000	1600	1300	1300	900
	.90	4900	4900	4900	4300	3600	3600	3200	3200	2600	2400	2200	2100
	.50	3800	3800	3800	3400	3200	3000	2500	2500	2300	2000	1900	1800
	.10	3000	3000	3000	3000	2600	2100	2100	2100	1700	1400	1300	1300
4500	.90	3300	3300	3200	3200	2700	2700	2700	2500	2200	2100	2100	1700
	.50	3100	3100	3000	3000	2500	2500	2500	2300	2000	1800	1600	1300
	.10	2700	2700	2600	2600	2100	2100	2100	2000	1600	1300	1300	800
	.90	3400	3400	3400	3400	3200	2700	2700	2700	2300	2200	2100	1800
	.50	3200	3200	3200	3200	3000	2500	2500	2300	2000	1800	1600	1400
	.10	2800	2800	2800	2800	2600	2100	2100	2000	1600	1300	1300	900
	.90	4900	4900	4900	4300	3600	3600	3200	3200	2600	2300	2200	2100
	.50	3800	3800	3800	3400	3200	3000	2500	2500	2300	2000	1900	1800
	.10	3000	3000	3000	3000	2600	2100	2100	2100	1700	1400	1300	1300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	.90	3300	3300	3200	3000	2700	2700	2500	2200	2100	2100	1800
	.50	.50	3100	3100	3000	2500	2500	2500	2300	2000	1800	1800	1300
	.10	.10	2700	2700	2600	2100	2100	2100	2000	1600	1300	1300	900
	.90	.90	4100	3400	3400	3200	3000	2700	2700	2300	2200	2100	1900
	.50	.50	3200	3200	3200	3000	2500	2500	2500	2100	1800	1800	1400
	.10	.10	2800	2800	2800	2600	2100	2100	2100	1600	1300	1300	900
	.90	.90	5000	5000	4300	4000	3600	3400	3200	2700	2500	2200	2200
	.50	.50	3900	3900	3400	3200	3000	3000	2500	2300	2000	1900	1800
	.10	.10	3000	3000	3000	2700	2600	2100	2100	1700	1400	1300	1300
4700	.90	.90	3400	3400	3400	3200	2700	2700	2600	2300	2100	2100	1800
	.50	.50	3200	3200	3200	3000	2500	2500	2300	2000	1800	1800	1400
	.10	.10	2800	2800	2800	2600	2100	2100	2000	1600	1300	1300	900
	.90	.90	4200	3500	3500	3200	3100	2700	2700	2500	2200	2100	1900
	.50	.50	3300	3300	3300	3000	2500	2500	2500	2100	1900	1800	1600
	.10	.10	2900	2900	2900	2600	2100	2100	2100	1600	1400	1300	900
	.90	.90	5000	5000	4900	4300	3600	3400	3300	2700	2500	2300	2200
	.50	.50	3900	3900	3800	3400	3200	3000	3000	2500	2000	1900	1800
	.10	.10	3100	3000	3000	2800	2700	2600	2100	2000	1400	1400	1300
4800	.90	.90	3400	3400	3400	3200	2700	2700	2700	2300	2200	2100	1800
	.50	.50	3200	3200	3200	3000	2500	2500	2500	2000	1800	1800	1400
	.10	.10	2800	2800	2800	2600	2100	2100	2100	1600	1300	1300	900
	.90	.90	4200	4200	3500	3200	3200	2700	2700	2500	2200	2100	2100
	.50	.50	3300	3300	3300	3000	2500	2500	2500	2100	1900	1800	1600
	.10	.10	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	1000
	.90	.90	5100	5100	4900	4300	3600	3600	3300	3300	3100	2500	2300
	.50	.50	4000	4000	3900	3400	3200	3000	3000	3000	2500	2100	1900
	.10	.10	3100	3000	3000	2800	2700	2600	2500	2500	2000	1600	1400
4900	.90	.90	3500	3500	3500	3200	2700	2700	2700	2300	2200	2100	1800
	.50	.50	3300	3300	3300	3000	2500	2500	2500	2100	1800	1800	1400
	.10	.10	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	900
	.90	.90	4200	4200	3600	3400	3200	3000	2700	2500	2200	2100	2100
	.50	.50	3400	3400	3400	3000	2500	2500	2500	2100	1900	1800	1700
	.10	.10	3000	3000	3000	2600	2100	2100	2100	1700	1400	1300	1100
	.90	.90	5100	5100	5100	4900	4100	3600	3400	3300	3300	3100	2500
	.50	.50	4000	4000	4000	3800	3400	3200	3000	3000	3000	2500	2100
	.10	.10	3200	3200	3000	3000	2700	2700	2600	2500	2000	2000	1600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3500	3500	3500	3500	3200	2700	2700	2700	2300	2200	2100	1900
	.50	3300	3300	3300	3300	3000	2500	2500	2500	2100	1900	1800	1500
	.10	2900	2900	2900	2900	2600	2100	2100	2100	1700	1400	1300	1000
	.90	4300	4300	3600	3600	3500	3200	3200	2700	2500	2300	2200	2100
	.50	3400	3400	3400	3400	3000	3000	2500	2500	2100	1900	1800	1800
	.10	3000	3000	3000	3000	2700	2600	2100	2100	1700	1400	1300	1300
	.90	5200	5200	5200	5100	5100	4300	3600	3600	3600	3300	3300	2900
	.50	4100	4100	4100	4000	4000	3400	3400	3200	3200	3000	3000	2500
	.10	3200	3200	3000	3000	3000	2800	2800	2700	2700	2500	2500	2000
	.90	3600	3600	3600	3600	3200	3200	3200	2700	2700	2500	2200	2100
5100	.90	3400	3400	3400	3400	3000	3000	2500	2500	2100	1900	1800	1600
	.50	3000	3000	3000	3000	2700	2600	2100	2100	1700	1400	1300	1100
	.10	4300	4300	3600	3600	3600	3200	3200	3100	2500	2300	2200	2100
	.90	3400	3400	3400	3400	3100	3000	3000	2500	2200	1900	1900	1800
	.50	3000	3000	3000	3000	2800	2700	2400	2100	1700	1400	1300	1300
	.10	5200	5200	5200	5100	5100	4900	3600	3600	3300	3300	3300	3200
	.90	4100	4100	4100	4000	4000	3800	3400	3200	3200	3000	3000	3000
	.50	3300	3300	3000	3000	3000	2800	2800	2700	2700	2500	2500	2200
	.10	3600	3600	3600	3600	3200	3200	3200	3200	2700	2500	2200	2100
	.90	3400	3400	3400	3400	3000	3000	3000	2700	2500	1900	1800	1700
5200	.90	3000	3000	3000	3000	2700	2700	2400	2100	1700	1400	1300	1300
	.50	4400	4400	4400	4000	4000	3800	3400	3200	2700	2500	2500	2200
	.10	3300	3300	3000	3000	3000	2800	2800	2700	2500	2200	2100	2100
	.90	3600	3600	3600	3600	3200	3200	3200	2700	2500	2200	2100	2100
	.50	3400	3400	3400	3400	3000	3000	3000	2700	2500	1900	1800	1700
	.10	3000	3000	3000	3000	2700	2700	2400	2100	1700	1400	1300	1300
	.90	4400	4400	4400	4000	4000	3600	3200	3200	2600	2300	2200	2100
	.50	3500	3400	3400	3400	3200	3000	3000	2600	2300	2000	1900	1800
	.10	3100	3000	3000	3000	2800	2700	2600	2100	2000	1400	1300	1300
	.90	5200	5200	5200	5100	4900	4900	3700	3700	3600	3300	3300	3300
5300	.90	4100	4100	4100	4000	3900	3800	3400	3200	3000	3000	3000	3000
	.50	3300	3300	3000	3000	3000	2900	2800	2700	2500	2500	2500	2500
	.10	3600	3600	3600	3600	3300	3200	3200	3000	2500	2300	2200	2100
	.90	3400	3400	3400	3400	3100	3000	3000	2500	2200	1900	1800	1800
	.50	3000	3000	3000	3000	2800	2700	2600	2100	1800	1400	1300	1300
	.10	4500	4500	4500	4000	4000	3300	3200	3200	2700	2500	2200	2200
	.90	3500	3400	3400	3400	3400	3000	3000	3000	2300	2000	1900	1800
	.50	3100	3000	3000	3000	2800	2700	2700	2600	2000	1400	1400	1300
	.10	5300	5300	5300	5100	4900	4900	4200	3600	3300	3300	3300	3300
	.90	4200	4200	4200	4100	4000	4000	3800	3400	3200	3000	3000	3000
.50	3700	3700	3300	3000	3000	3000	2900	2800	2800	2500	2500	2500	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- PINK:  
 SPawning MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	4100	3600	3600	3600	3400	3200	3200	3200	2500	2300	2200	2100
	.50	3500	3400	3400	3400	3200	3000	3000	3000	2300	1900	1900	1800
	.10	3100	3000	3000	3000	2800	2700	2700	2600	2000	1400	1300	1300
	.90	4500	4500	3600	3600	3600	3400	3300	3300	3300	3000	2500	2300
	.50	3600	3400	3400	3400	3400	3100	3000	3000	3000	2500	2100	1900
	.10	3200	3000	3000	3000	2900	2800	2700	2700	2500	2100	1600	1400
	.90	5300	5300	5300	5100	4900	4900	4300	3600	3300	3300	3300	3300
	.50	4200	4200	4200	4200	4000	3900	3400	3400	3000	3000	3000	3000
	.10	3800	3800	3800	3400	3000	2900	2800	2800	2500	2500	2500	2500
5500	.90	4200	3600	3600	3600	3400	3300	3200	3200	2700	2300	2200	2100
	.50	3500	3400	3400	3400	3200	3100	3000	3000	2300	2000	1900	1800
	.10	3100	3000	3000	3000	2900	2800	2700	2700	2000	1500	1400	1300
	.90	4600	4600	3700	3600	3600	3400	3300	3300	3300	3300	3000	2500
	.50	3700	3700	3400	3400	3400	3100	3000	3000	3000	3000	2500	2100
	.10	3200	3200	3000	3000	3000	2800	2700	2700	2500	2500	2100	1600
	.90	5400	5400	5400	5100	4900	4900	4300	3700	3300	3300	3300	3300
	.50	4300	4300	4300	4200	4000	3900	3600	3400	3000	3000	3000	3000
	.10	3800	3800	3800	3800	3000	3000	2900	2800	2500	2500	2500	2500
5600	.90	4200	4200	3600	3600	3600	3300	3300	3300	3300	2700	2500	2200
	.50	3600	3400	3400	3400	3200	3100	3000	3000	3000	2500	2500	2500
	.10	3200	3000	3000	3000	2900	2800	2700	2700	2500	2500	2500	2000
	.90	4600	4600	4000	3600	3600	3300	3300	3300	3300	2700	2500	2200
	.50	3700	3700	3500	3400	3400	3200	3100	3000	3000	2500	2500	2500
	.10	3300	3000	3000	3000	3000	2800	2800	2700	2500	2500	2500	2000
	.90	5400	5400	5400	5100	4900	4900	4300	3700	3300	3300	3300	3300
	.50	4600	4300	4300	4300	4300	3900	3800	3400	3000	3000	3000	3000
	.10	4200	3900	3900	3900	3500	3000	2900	2800	2600	2500	2500	2500
5700	.90	4200	4200	3600	3600	3600	3400	3300	3300	3300	3300	2700	2500
	.50	3700	3700	3400	3400	3400	3100	3100	3000	3000	2500	2500	2100
	.10	3200	3000	3000	3000	3000	2800	2800	2700	2500	2500	2500	2100
	.90	4600	4600	4300	4100	3600	3600	3400	3300	3300	2500	2500	1600
	.50	3800	3800	3500	3400	3400	3200	3100	3100	3000	3000	3300	3200
	.10	3300	3000	3000	3000	3000	2900	2800	2800	2500	2500	2500	3000
	.90	5500	5500	5500	5100	4900	4900	4500	4300	3300	3300	3300	3300
	.50	4700	4700	4400	4400	4300	3900	3800	3400	3000	3000	3000	3000
	.10	4300	4300	3900	3900	3900	3000	2900	2900	2600	2500	2500	2500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH -- OCTOBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4300	4300	3600	3600	3600	3400	3300	3300	3300	3300	3300	2700
	.50	3700	3700	3400	3400	3400	3200	3100	3100	3100	3000	3000	2300
	.10	3300	3200	3000	3000	3000	2900	2800	2800	2800	2500	2500	2000
	.90	4700	4700	4300	4300	3600	3600	3400	3300	3300	3300	3300	3300
	.50	4100	4100	3800	3600	3400	3200	3200	3100	3000	3000	3000	3000
	.10	3700	3700	3300	3000	3000	2900	2800	2800	2500	2500	2500	2500
	.90	5900	5900	5900	5500	4900	4900	4500	4400	3300	3300	3300	3300
	.50	4800	4800	4800	4700	4300	4300	3900	3800	3100	3000	3000	3000
	.10	4300	4300	3900	3900	3900	3000	3000	2900	2700	2500	2500	2500
5900	.90	4300	4300	4100	3600	3600	3400	3300	3300	3300	3300	3300	3200
	.50	3800	3800	3400	3400	3400	3200	3100	3100	3000	3000	3000	3000
	.10	3300	3300	3000	3000	3000	2900	2800	2800	2500	2500	2500	2500
	.90	4700	4700	4400	4400	4300	3600	3600	3400	3300	3300	3300	3300
	.50	4200	4200	4200	3800	3400	3400	3200	3100	3000	3000	3000	3000
	.10	3800	3800	3800	3300	3000	2900	2800	2800	2500	2500	2500	2500
	.90	5900	5900	5900	5900	5900	5600	4900	4600	3400	3300	3300	3300
	.50	4800	4800	4800	4800	4800	4500	4400	4100	3100	3000	3000	3000
	.10	4300	4300	4000	4000	4000	3600	3000	3000	2700	2500	2500	2500
6000	.90	4400	4400	4300	3600	3600	3500	3400	3300	3300	3300	3300	3300
	.50	4100	4100	3800	3400	3400	3200	3100	3100	3000	3000	3000	3000
	.10	3700	3700	3300	3000	3000	2900	2800	2800	2500	2500	2500	2500
	.90	4800	4800	4400	4400	4300	3600	3600	3400	3300	3300	3300	3300
	.50	4200	4200	4200	4200	3700	3400	3200	3200	3000	3000	3000	3000
	.10	3800	3800	3800	3800	3000	3000	2900	2800	2600	2500	2500	2500
	.90	5900	5900	5900	5900	5900	5900	4900	4900	3600	3300	3300	3300
	.50	4800	4800	4800	4800	4800	4800	4500	4400	3200	3000	3000	3000
	.10	4300	4300	4000	4000	4000	3600	3000	3000	2800	2500	2500	2500
6100	.90	4500	4500	4400	4400	3600	3600	3400	3300	3300	3300	3300	3300
	.50	4200	4200	4200	3800	3400	3400	3200	3100	3000	3000	3000	3000
	.10	3800	3800	3800	3300	3000	2900	2800	2800	2500	2500	2500	2500
	.90	4800	4800	4800	4500	4500	4800	4500	4400	3200	3000	3000	3000
	.50	4600	4300	4300	4300	3900	3400	3200	3200	2800	2800	2500	2500
	.10	4200	3900	3900	3900	3400	3000	2900	2800	2600	2500	2500	2500
	.90	5900	5900	5900	5900	5900	5900	5900	4900	3600	3300	3300	3300
	.50	4800	4800	4800	4800	4800	4800	4500	4400	3200	3000	3000	3000
	.10	4300	4300	4300	4300	4100	3900	3600	3600	3000	2800	2500	2500
	.90	5900	5900	5900	5900	5900	5900	5900	4900	3600	3300	3300	3300
	.50	4800	4800	4800	4800	4800	4800	4500	4500	3200	3000	3000	3000
	.10	4300	4300	4300	4300	4100	3900	3600	3600	3000	2800	2500	2500





PAGE 165  
 TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	4900	4900	4900	4900	4700	4700	4500	4000	3300	3300	3300	3300
	.50	4700	4700	4500	4500	4500	4500	3900	3400	3100	3000	3000	3000
	.10	4300	4300	4100	4100	4100	4100	3600	3000	2800	2500	2500	2500
	.90	5800	5200	5100	4900	4900	4900	4700	4700	3600	3300	3300	3300
	.50	5600	4700	4500	4500	4500	4500	4500	4000	3200	3000	3000	3000
	.10	5200	4300	4100	4100	4100	4100	4100	3500	2800	2500	2500	2500
	.90	6300	6300	6300	6300	6300	6300	6300	5900	4800	3400	3300	3300
	.50	5800	5800	5400	5200	5200	5200	5200	4800	4500	3200	3000	3000
	.10	5400	5400	5000	4300	4100	4100	4100	4100	3000	2800	2500	2500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK;  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	500	500	500	500	500	500	500	500	300	200	200	100
	.50	500	500	500	500	500	400	400	400	300	100	100	100
	.10	300	300	300	300	200	200	100	100	0	0	0	0
	.90	700	700	700	700	700	600	500	500	400	200	200	200
	.50	700	700	600	600	600	500	500	500	400	200	100	100
	.10	500	500	300	300	300	300	200	200	100	0	0	0
	.90	2200	2200	1400	1400	1100	1000	1000	1000	800	700	500	400
	.50	1600	1600	1000	1000	900	900	900	900	700	500	400	300
	.10	800	800	700	700	700	600	600	600	400	200	0	0
1500	.90	700	700	500	500	500	500	500	500	300	200	200	100
	.50	700	700	500	500	500	400	400	400	300	100	100	100
	.10	500	500	300	300	300	200	100	100	0	0	0	0
	.90	800	700	700	700	700	700	700	600	500	300	200	200
	.50	700	700	700	700	600	600	600	500	400	200	100	100
	.10	500	500	500	500	400	300	300	300	100	0	0	0
	.90	2200	2200	1400	1400	1200	1200	1100	1000	1000	800	700	500
	.50	1600	1600	1100	1100	1100	1100	1000	900	900	600	400	400
	.10	800	800	800	800	800	800	700	700	600	300	100	0
1600	.90	700	700	700	700	700	700	600	500	400	200	200	200
	.50	700	700	700	700	600	600	600	500	400	200	100	100
	.10	500	500	500	500	400	300	300	300	100	0	0	0
	.90	800	800	800	800	700	700	700	700	500	300	200	200
	.50	800	800	800	800	700	700	700	700	500	300	200	200
	.10	600	600	500	500	500	400	300	300	100	0	0	0
	.90	2200	2200	1400	1400	1300	1200	1200	1200	1000	800	800	700
	.50	1600	1600	1200	1200	1200	1100	1100	1100	900	700	600	400
	.10	900	900	900	900	800	800	800	800	600	400	200	100
1700	.90	800	800	700	700	700	700	700	600	500	300	200	200
	.50	800	800	700	700	700	600	600	600	400	200	100	100
	.10	600	600	500	500	500	300	300	300	100	0	0	0
	.90	900	800	800	800	800	800	700	700	500	400	200	200
	.50	900	800	800	800	700	700	700	600	500	300	200	100
	.10	700	600	600	500	500	400	400	400	200	0	0	0
	.90	2200	2200	1400	1400	1400	1300	1300	1200	1000	900	800	700
	.50	1600	1600	1400	1400	1200	1200	1200	1100	900	700	700	500
	.10	1100	1100	1100	1100	900	900	900	800	700	400	400	200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	900	800	800	800	700	700	700	700	500	300	200	200
	.50	900	800	800	700	700	700	600	600	400	200	100	100
	.10	700	600	600	500	500	400	300	300	100	0	0	0
	.90	1100	900	900	900	900	800	800	800	600	400	300	200
	.50	1100	900	900	900	800	700	700	700	500	400	200	100
	.10	800	700	700	700	600	500	400	400	300	100	0	0
	.90	2800	2200	2000	1400	1400	1400	1300	1300	1200	1000	800	800
	.50	2200	1700	1400	1400	1400	1200	1200	1200	1000	800	700	600
	.10	1100	1100	1100	1100	1100	900	900	900	800	500	400	300
1900	.90	900	900	900	900	800	800	800	700	500	300	200	200
	.50	900	900	900	900	800	700	700	700	500	300	200	100
	.10	700	700	700	700	600	500	400	400	200	0	0	0
	.90	1100	1100	1000	1000	1000	1000	900	900	700	500	400	200
	.50	1100	1100	1000	1000	900	900	900	800	600	400	300	200
	.10	800	800	800	800	700	700	600	600	400	100	0	0
	.90	2800	2800	2200	2200	1400	1400	1400	1300	1200	1000	800	800
	.50	2200	2200	1700	1600	1400	1400	1200	1200	1100	900	700	700
	.10	1200	1200	1100	1100	1100	1100	900	900	800	600	400	300
2000	.90	1100	1000	1000	1000	900	900	800	800	600	400	300	200
	.50	1100	1000	1000	1000	900	800	700	700	600	400	200	100
	.10	800	800	800	800	700	600	500	400	300	100	0	0
	.90	1100	1100	1100	1100	1000	1000	1000	1000	800	600	500	300
	.50	1100	1100	1100	1000	1000	900	900	900	700	500	400	200
	.10	800	800	800	800	800	700	700	600	400	200	100	0
	.90	2800	2800	2200	2200	1600	1400	1400	1400	1200	1000	900	800
	.50	2200	2200	1700	1700	1400	1400	1300	1200	1100	900	700	700
	.10	1200	1200	1200	1100	1100	1100	1000	900	800	600	400	400
2100	.90	1100	1100	1000	1000	1000	1000	1000	900	700	500	300	200
	.50	1100	1100	1000	1000	1000	900	900	900	700	400	300	200
	.10	800	800	800	800	800	700	600	600	400	100	0	0
	.90	2800	2800	2200	2200	1600	1400	1400	1400	1200	1000	900	800
	.50	2200	2200	1700	1700	1400	1400	1300	1200	1100	900	700	700
	.10	1200	1200	1200	1100	1100	1100	1000	900	800	600	400	400
	.90	1100	1100	1000	1000	1000	1000	900	900	700	500	300	200
	.50	1100	1100	1000	1000	1000	900	900	900	700	400	300	200
	.10	800	800	800	800	800	700	600	600	400	100	0	0
	.90	1200	1200	1200	1200	1200	1200	1000	1000	900	700	500	400
	.50	1200	1200	1200	1200	1100	1100	1000	1000	900	600	400	300
	.10	900	900	900	900	800	800	800	700	600	300	100	0
	.90	2800	2800	2200	2200	1600	1400	1400	1400	1200	1000	1000	800
	.50	2200	2200	1700	1700	1500	1400	1400	1300	1200	900	800	700
	.10	1200	1200	1200	1200	1100	1100	1100	1000	900	600	400	400

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1100	1100	1100	1100	1000	1000	1000	1000	800	600	400	300
	.50	1100	1100	1000	1000	1000	1000	900	900	700	200	400	200
	.10	900	800	800	800	800	700	700	600	500	200	100	0
	.90	1400	1400	1400	1400	1300	1200	1200	1200	1000	800	700	500
	.50	1400	1400	1400	1400	1200	1200	1100	1100	900	700	600	400
	.10	1100	1100	1100	1100	900	900	800	800	600	400	300	100
	.90	2800	2800	2200	2200	2100	1500	1400	1400	1300	1200	1000	900
	.50	2200	2200	1700	1700	1600	1400	1400	1300	1200	1000	900	700
	.10	1300	1300	1300	1300	1100	1100	1100	1000	900	700	500	400
2300	.90	1200	1200	1200	1200	1200	1200	1000	1000	900	700	500	300
	.50	1200	1200	1200	1200	1100	1100	1000	1000	900	600	400	300
	.10	1000	1000	900	900	800	800	800	700	600	300	100	0
	.90	1400	1400	1400	1400	1400	1300	1300	1200	1000	800	800	700
	.50	1400	1400	1400	1400	1400	1200	1200	1200	1000	700	700	500
	.10	1100	1100	1100	1100	1100	900	900	900	800	500	400	200
	.90	2800	2800	2200	2200	2200	1700	1500	1400	1300	1200	1000	1000
	.50	2200	2200	1700	1700	1600	1500	1400	1400	1200	1100	900	800
	.10	1300	1300	1300	1300	1100	1100	1100	1000	900	700	600	400
2400	.90	1400	1400	1400	1400	1300	1200	1200	1200	1000	800	700	500
	.50	1400	1400	1400	1400	1200	1200	1100	1100	900	700	600	400
	.10	1100	1100	1100	1100	900	900	800	800	600	400	300	100
	.90	1500	1400	1400	1400	1400	1400	1300	1300	1100	900	800	700
	.50	1400	1400	1400	1400	1400	1300	1200	1200	1000	800	700	600
	.10	1100	1100	1100	1100	1100	1100	900	900	800	600	400	300
	.90	2800	2800	2200	2200	2200	1800	1500	1400	1400	1200	1100	1000
	.50	2200	2200	1700	1700	1700	1600	1400	1400	1200	1100	900	900
	.10	1600	1400	1400	1400	1100	1100	1100	1100	900	800	600	500
2500	.90	1400	1400	1400	1400	1400	1300	1300	1200	1000	800	700	600
	.50	1400	1400	1400	1400	1400	1200	1200	1200	1000	800	700	600
	.10	1100	1100	1100	1100	1100	1100	900	900	800	600	400	300
	.90	2800	2800	2200	2200	2200	1800	1500	1400	1400	1200	1100	1000
	.50	2200	2200	1700	1700	1700	1600	1400	1400	1200	1100	900	900
	.10	1600	1400	1400	1400	1100	1100	1100	1100	900	800	600	500
	.90	1400	1400	1400	1400	1400	1300	1300	1200	1000	800	700	600
	.50	1400	1400	1400	1400	1400	1200	1200	1200	1000	700	700	500
	.10	1100	1100	1100	1100	1100	900	900	900	800	500	400	200
	.90	2800	2800	2200	2200	2200	1800	1500	1400	1400	1200	1100	1000
	.50	2200	2200	1700	1700	1700	1600	1400	1400	1200	1100	900	900
	.10	1600	1500	1400	1400	1400	1400	1300	1300	1100	900	800	600
	.90	1200	1200	1100	1100	1100	1100	1000	1000	800	600	400	300
	.50	2800	2800	2200	2200	2200	1800	1500	1500	1400	1300	1200	1000
	.10	2200	2200	1700	1700	1700	1700	1400	1400	1200	1100	900	900
	.90	1700	1400	1400	1400	1400	1400	1300	1300	1200	1000	800	800
	.50	1500	1500	1400	1400	1400	1400	1300	1300	1100	900	700	600
	.10	1200	1200	1100	1100	1100	1100	1000	1000	800	600	400	300
	.90	2800	2800	2200	2200	2200	1800	1500	1500	1400	1300	1200	1000
	.50	2200	2200	1700	1700	1700	1700	1400	1400	1200	1100	900	900
	.10	1700	1400	1400	1400	1400	1400	1300	1300	1200	1000	800	500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1500	1400	1400	1400	1400	1400	1300	1300	1200	900	800	700
	.50	1400	1400	1400	1400	1400	1300	1200	1200	1100	900	700	600
	.10	1100	1100	1100	1100	1100	1100	900	900	800	600	400	300
	.90	1600	1600	1400	1400	1400	1400	1400	1300	1200	1000	800	800
	.50	1500	1500	1500	1400	1400	1400	1300	1200	1100	900	700	700
	.10	1200	1200	1200	1100	1100	1100	1100	900	800	600	400	400
	.90	2800	2800	2200	2200	2200	2100	2000	1900	1400	1300	1200	1100
	.50	2200	2200	2100	2100	2100	1800	1700	1600	1300	1200	1100	900
	.10	1800	1800	1800	1800	1800	1500	1100	1100	900	800	700	600
2700	.90	1600	1600	1400	1400	1400	1400	1300	1300	1200	1000	800	700
	.50	1500	1500	1400	1400	1400	1400	1300	1200	1100	900	700	600
	.10	1200	1200	1100	1100	1100	1100	1000	900	800	600	400	400
	.90	1600	1600	1600	1600	1400	1400	1400	1300	1200	1000	800	800
	.50	1500	1500	1500	1500	1400	1400	1300	1300	1100	900	700	700
	.10	1200	1200	1200	1200	1100	1100	1100	1000	800	600	400	400
	.90	3000	2800	2200	2200	2200	2200	2100	2100	1500	1400	1300	1200
	.50	2400	2200	2200	2200	2200	2100	2100	1800	1300	1200	1100	1000
	.10	1900	1900	1900	1900	1900	1800	1800	1500	1000	900	800	600
2800	.90	1600	1600	1600	1400	1400	1400	1300	1300	1200	1000	800	800
	.50	1500	1500	1500	1400	1400	1400	1300	1200	1100	900	700	700
	.10	1200	1200	1200	1100	1100	1100	1100	900	800	600	400	400
	.90	1700	1700	1700	1700	1400	1400	1400	1400	1200	1000	900	800
	.50	1600	1600	1600	1600	1400	1400	1300	1300	1200	900	800	700
	.10	1300	1300	1300	1300	1100	1100	1100	1000	900	700	500	400
	.90	3700	2900	2800	2200	2200	2200	2200	2100	1600	1400	1300	1200
	.50	3100	2400	2200	2200	2200	2200	2100	2100	1400	1200	1100	1100
	.10	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	700
2900	.90	1600	1600	1600	1600	1400	1400	1400	1300	1200	1000	800	800
	.50	1500	1500	1500	1500	1400	1400	1300	1300	1100	900	700	700
	.10	1300	1300	1200	1200	1100	1100	1100	1000	800	600	400	400
	.90	1900	1700	1700	1700	1400	1400	1400	1400	1300	1100	1000	800
	.50	1600	1600	1600	1600	1400	1400	1400	1400	1200	1000	800	800
	.10	1300	1300	1300	1300	1100	1100	1100	1000	800	600	400	400
	.90	3800	3000	2900	2800	2200	2200	2200	2100	1600	1400	1300	1300
	.50	3200	2400	2400	2200	2200	2200	2100	2100	1400	1300	1200	1100
	.10	2000	1900	1900	1900	1900	1800	1800	1800	1100	900	800	700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1700	1700	1700	1400	1400	1400	1400	1200	1000	900	800
	.50	1600	1600	1600	1600	1400	1400	1300	1300	1200	900	700	700
	.10	1300	1300	1300	1300	1100	1100	1100	1100	900	700	500	400
	.90	2200	1800	1800	1800	1500	1400	1400	1400	1300	1200	1000	900
	.50	2000	1700	1700	1700	1500	1400	1400	1300	1200	1100	900	700
	.10	1700	1500	1400	1400	1300	1100	1100	1100	900	800	600	400
	.90	3800	3800	2900	2800	2200	2200	2200	2200	2000	1500	1400	1300
	.50	3200	3200	2400	2300	2200	2200	2100	2100	1700	1300	1200	1100
	.10	2000	2000	1900	1900	1900	1900	1800	1800	1500	900	800	800
3100	.90	1900	1700	1700	1700	1400	1400	1400	1400	1300	1000	1000	800
	.50	1900	1700	1600	1600	1400	1400	1400	1300	1200	1000	900	700
	.10	1600	1500	1300	1300	1100	1100	1100	1100	900	800	600	400
	.90	2200	2100	2100	2100	2100	1800	1500	1400	1300	1200	1000	1000
	.50	2100	2100	2100	2100	2100	1700	1500	1400	1200	1100	900	800
	.10	1800	1800	1800	1800	1800	1400	1300	1100	900	800	600	500
	.90	3800	3800	3200	2900	2600	2200	2200	2200	2000	1700	1500	1400
	.50	3200	3200	2600	2400	2300	2200	2200	2100	1800	1600	1300	1200
	.10	2300	2300	2000	1900	1900	1900	1800	1800	1500	1100	900	800
3200	.90	2000	1800	1800	1800	1700	1400	1400	1400	1300	1200	1000	800
	.50	2000	1700	1700	1700	1700	1400	1400	1300	1200	1100	900	700
	.10	1700	1500	1500	1500	1400	1100	1100	1100	900	800	600	400
	.90	2200	2200	2200	2200	2200	2100	2100	1900	1400	1300	1200	1000
	.50	2200	2200	2200	2200	2200	2100	2100	1800	1300	1200	1000	900
	.10	1900	1900	1900	1900	1900	1800	1800	1500	1000	900	700	600
	.90	3900	3900	3200	3000	2800	2600	2200	2200	2000	1900	1600	1400
	.50	3300	3300	2600	2600	2600	2400	2200	2200	1900	1800	1400	1300
	.10	2300	2300	2300	2300	2300	1900	1900	1800	1500	1500	1000	900
	.90	2100	2100	2100	2100	2100	1800	1700	1400	1300	1200	1000	900
	.50	2100	2100	2100	2100	2100	1700	1700	1400	1200	1100	900	800
	.10	1800	1800	1800	1800	1800	1500	1400	1100	900	800	600	500
	.90	2200	2200	2200	2200	2200	2100	2100	2100	1400	1300	1200	1000
	.50	2200	2200	2200	2200	2200	2100	2100	2100	1400	1300	1200	1000
	.10	1900	1900	1900	1900	1900	1800	1800	1500	1000	900	700	600
	.90	3900	3900	3200	3100	2800	2600	2600	2200	2100	1900	1800	1500
	.50	3300	3300	2600	2600	2600	2600	2300	2200	1900	1800	1700	1300
	.10	2300	2300	2300	2300	2300	2300	2300	1900	1600	1500	1100	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2200	2200	2200	2200	2200	2100	2100	1900	1400	1200	1100	1000
	.50	2200	2200	2200	2200	2200	2100	2100	1800	1300	1200	1000	900
	.10	1900	1900	1900	1900	1900	1800	1800	1500	1000	900	800	600
	.90	2200	2200	2200	2200	2200	2200	2100	2100	1400	1300	1200	1200
	.50	2200	2200	2200	2200	2200	2100	2100	2100	1300	1200	1100	1000
	.10	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	600
	.90	4000	4000	3200	3200	2800	2600	2600	2200	2100	1900	1900	1600
	.50	3400	3400	2600	2600	2600	2600	2400	2200	1900	1800	1800	1400
	.10	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1300	1000
3500	.90	2200	2200	2200	2200	2200	2100	2100	2100	1400	1300	1200	1000
	.50	2200	2200	2200	2200	2200	2100	2100	2100	1300	1200	1100	900
	.10	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	600
	.90	2200	2200	2200	2200	2200	2200	2100	2100	1400	1300	1300	1200
	.50	2200	2200	2200	2200	2200	2100	2100	2100	1400	1200	1100	1000
	.10	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	600
	.90	4100	4100	3200	3200	2800	2600	2600	2500	2100	1900	1900	1700
	.50	3500	3500	2600	2600	2600	2600	2400	2200	1900	1800	1800	1400
	.10	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1400	1000
3600	.90	2200	2200	2200	2200	2200	2100	2100	2100	1400	1300	1200	1000
	.50	2200	2200	2200	2200	2200	2100	2100	2100	1300	1200	1100	900
	.10	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	600
	.90	2800	2600	2200	2200	2200	2200	2100	2100	1700	1400	1300	1200
	.50	2600	2600	2200	2200	2200	2200	2100	2100	1700	1200	1200	1100
	.10	2300	2300	1900	1900	1900	1900	1800	1800	1500	900	800	800
	.90	4100	4100	3200	3200	2900	2600	2600	2600	2100	1900	1900	1700
	.50	3500	3500	2600	2600	2600	2600	2400	2300	2000	1800	1800	1500
	.10	2300	2300	2300	2300	2300	2300	2000	1900	1600	1500	1400	1000
3700	.90	2200	2200	2200	2200	2200	2100	2100	2100	1400	1300	1200	1200
	.50	2200	2200	2200	2200	2200	2100	2100	2100	1400	1200	1100	1000
	.10	1900	1900	1900	1900	1900	1800	1800	1800	1100	900	800	700
	.90	2800	2800	2600	2600	2600	2200	2200	2200	2000	1600	1400	1300
	.50	2600	2600	2600	2600	2600	2200	2200	2100	1800	1400	1200	1200
	.10	2300	2300	2300	2300	2300	1900	1900	1800	1500	1100	900	800
	.90	4200	4200	3200	3200	2900	2600	2600	2600	2200	2000	1900	1700
	.50	3600	3600	2700	2600	2600	2600	2600	2400	2100	1800	1800	1500
	.10	2800	2800	2300	2300	2300	2300	2200	1900	1600	1500	1500	1100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
3800	.90	2600	2600	2200	2200	2200	2200	2100	2100	1700	1400	1300	1200	
	.50	2600	2600	2200	2200	2200	2200	2100	2100	1700	1200	1200	1100	
	.10	2300	2300	1900	1900	1900	1900	1800	1800	1500	900	800	800	
	.90	2800	2800	2600	2600	2600	2600	2200	2200	2000	1900	1500	1400	
	.50	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1300	1200	
	.10	2300	2300	2300	2300	2300	2300	1900	1900	1600	1500	1000	900	
	.90	4200	4200	3300	3200	3100	2800	2600	2600	2200	2200	2000	1900	1800
	.50	3600	3600	3200	3100	2600	2600	2600	2400	2400	2100	1900	1800	1600
	.10	2900	2900	2800	2800	2300	2300	2300	2200	2200	1800	1500	1500	1100
	.90	2600	2600	2600	2600	2600	2200	2200	2100	2100	1900	1500	1400	1300
3900	.50	2600	2600	2600	2600	2600	2200	2200	2100	1800	1400	1200	1100	
	.10	2300	2300	2300	2300	2300	1900	1900	1800	1500	1100	900	800	
	.90	2800	2800	2600	2600	2600	2600	2200	2200	2000	1900	1600	1400	
	.50	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1300	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1100	900	
	.90	4200	4200	3900	3200	3200	2900	2800	2600	2600	2300	2100	1900	
	.50	3600	3600	3300	3200	3100	2600	2600	2600	2600	2200	1900	1800	1700
	.10	2900	2900	2900	2800	2400	2300	2300	2300	2200	1800	1500	1500	1200
	.90	2600	2600	2600	2600	2600	2600	2200	2200	2200	2000	1900	1400	1300
	.50	2600	2600	2600	2600	2600	2600	2300	2300	2200	1900	1500	1000	900
4000	.90	2800	2800	2600	2600	2600	2600	2200	2200	2000	1900	1800	1500	
	.50	2600	2600	2600	2600	2600	2600	2200	2200	1800	1500	1500	1200	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1300	1200	
	.90	4200	4200	3900	3200	3200	2900	2800	2600	2300	2100	1900	1900	
	.50	3600	3600	3300	3200	3100	2600	2600	2600	2200	1900	1800	1700	
	.10	2900	2900	2900	2800	2400	2300	2300	2300	2200	1800	1500	1500	
	.90	2600	2600	2600	2600	2600	2600	2200	2200	2200	2000	1900	1400	
	.50	2600	2600	2600	2600	2600	2600	2300	2300	2200	1900	1500	1000	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1000	900	
	.90	2800	2800	2600	2600	2600	2600	2200	2200	2200	2000	1900	1800	
4100	.50	2600	2600	2600	2600	2600	2600	2200	2200	1800	1500	1500	1300	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1000	1000	
	.90	4300	4300	3900	3900	3300	3100	2800	2600	2400	2100	1900	1900	
	.50	3700	3700	3300	3300	3300	2600	2600	2600	2200	1900	1800	1800	
	.10	3000	3000	3000	3000	2800	2300	2300	2200	1800	1500	1500	1300	
	.90	2600	2600	2600	2600	2600	2600	2200	2200	2000	1900	1500	1400	
	.50	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1200	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1100	900	
	.90	2800	2800	2600	2600	2600	2600	2400	2400	2100	1900	1900	1500	
	.50	2600	2600	2600	2600	2600	2600	2400	2400	2200	1800	1700	1300	
4200	.90	4300	4300	3900	3900	3300	3100	2800	2600	2400	2100	1900	1900	
	.50	3700	3700	3300	3300	3300	2600	2600	2600	2200	1900	1800	1800	
	.10	3000	3000	3000	3000	2800	2300	2300	2200	1800	1500	1500	1000	
	.90	2600	2600	2600	2600	2600	2600	2200	2200	2000	1900	1500	1400	
	.50	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1200	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1100	900	
	.90	2800	2800	2600	2600	2600	2600	2400	2400	2100	1900	1900	1500	
	.50	2600	2600	2600	2600	2600	2600	2400	2400	2200	1900	1800	1300	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1000	1000	
	.90	4300	4300	3900	3900	3300	3100	2800	2600	2400	2100	2000	1900	
4300	.50	3700	3700	3300	3300	3300	2600	2600	2600	2200	1900	1800	1800	
	.10	3000	3000	3000	3000	2800	2300	2300	2200	1800	1500	1500	1000	
	.90	2600	2600	2600	2600	2600	2600	2200	2200	2000	1900	1500	1400	
	.50	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1200	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1100	900	
	.90	2800	2800	2600	2600	2600	2600	2400	2400	2100	1900	1900	1500	
	.50	2600	2600	2600	2600	2600	2600	2400	2400	2200	1900	1800	1300	
	.10	2300	2300	2300	2300	2300	1900	1900	1900	1600	1500	1000	1000	
	.90	4300	4300	3900	3900	3300	3100	2800	2600	2400	2100	2000	1900	
	.50	3700	3700	3300	3300	3300	2600	2600	2600	2200	1900	1800	1800	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING INCUBATION MONTH - OCTOBER

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2600	2600	2600	2600	2600	2600	2400	2200	2000	1900	1700	1400
	.50	2600	2600	2600	2600	2600	2600	2400	2200	1900	1800	1700	1300
	.10	2300	2300	2300	2300	2300	2300	2200	1900	1600	1500	1500	1000
	.90	3100	3100	2600	2600	2600	2600	2400	2400	2100	1900	1900	1500
	.50	3100	3100	2600	2600	2600	2600	2400	2400	1900	1800	1700	1400
	.10	2800	2800	2300	2300	2300	2300	2200	2100	1600	1500	1500	1000
	.90	4400	4400	3900	3900	3400	3200	3000	2900	2400	2200	2000	1900
	.50	3800	3800	3400	3400	3300	3100	2600	2600	2300	2000	1800	1800
	.10	3100	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1400
4300	.90	2600	2600	2600	2600	2600	2600	2400	2200	2000	1900	1700	1500
	.50	2600	2600	2600	2600	2600	2600	2400	2200	1900	1800	1700	1300
	.10	2300	2300	2300	2300	2300	2300	2200	2000	1600	1500	1500	1000
	.90	3200	3200	3100	3100	2600	2600	2600	2400	2100	1900	1900	1600
	.50	3200	3200	3100	3100	2600	2600	2600	2400	2100	1800	1800	1400
	.10	2900	2900	2800	2800	2300	2300	2300	2200	1800	1500	1500	1000
	.90	4400	4400	3900	3900	3400	3200	3000	2900	2400	2200	2000	1900
	.50	3800	3800	3400	3400	3300	3100	2600	2600	2400	2000	1900	1800
	.10	3100	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1500
4400	.90	3100	3100	2600	2600	2600	2600	2400	2400	2100	1900	1800	1500
	.50	3100	3100	2600	2600	2600	2600	2400	2400	2100	1800	1700	1300
	.10	2800	2800	2300	2300	2300	2300	2200	2200	1600	1500	1500	1000
	.90	3200	3200	3200	3100	2900	2600	2600	2400	2100	1900	1900	1700
	.50	3200	3200	3200	3100	2600	2600	2600	2400	2100	1800	1800	1400
	.10	2900	2900	2900	2800	2300	2300	2300	2200	1800	1500	1500	1100
4500	.90	4500	4500	4500	3900	3500	3200	3100	2900	2400	2200	2000	1900
	.50	3900	3900	3900	3500	3300	3100	2600	2600	2400	2100	1900	1800
	.10	3200	3200	3200	3200	2800	2400	2300	2300	2000	1600	1500	1500
	.90	3200	3200	3100	3100	2600	2600	2600	2400	2100	1900	1900	1500
	.50	3200	3200	3100	3100	2600	2600	2600	2400	2100	1800	1700	1300
	.10	2900	2900	2800	2800	2300	2300	2300	2200	1800	1500	1500	1000
	.90	3300	3300	3300	3300	3100	2600	2600	2600	2200	2000	1900	1700
	.50	3300	3300	3300	3300	3100	2600	2600	2400	2100	1800	1800	1500
	.10	3000	3000	3000	3000	2800	2300	2300	2200	1800	1500	1500	1100
	.90	4500	4500	4500	3900	3500	3200	3100	2900	2600	2200	2000	1900
	.50	3900	3900	3900	3500	3300	3100	2600	2600	2400	2100	1900	1800
	.10	3200	3200	3200	3200	2800	2400	2300	2300	2000	1600	1500	1500

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3200	3200	3200	3100	2800	2600	2600	2400	2100	1900	1900	1600
	.50	3200	3200	3200	3100	2600	2600	2600	2400	2100	1800	1800	1400
	.10	2900	2900	2900	2800	2300	2300	2300	2200	1800	1500	1500	1100
	.90	3700	3300	3300	3300	3100	2800	2600	2600	2200	2000	1900	1800
	.50	3300	3300	3300	3300	3100	2600	2600	2600	2200	1800	1800	1500
	.10	3000	3000	3000	3000	2800	2300	2300	2300	1800	1500	1500	1100
	.90	4600	4600	4600	3900	3600	3200	3100	3000	2600	2200	2100	2000
	.50	4000	4000	4000	3500	3300	3100	3100	2600	2400	2100	1900	1800
	.10	3200	3200	3200	3200	2900	2800	2300	2300	2000	1600	1500	1500
4700	.90	3300	3300	3300	3300	3100	2600	2600	2400	2200	1900	1900	1700
	.50	3300	3300	3300	3300	3100	2600	2600	2400	2100	1800	1800	1400
	.10	3000	3000	3000	3000	2800	2300	2300	2200	1800	1500	1500	1100
	.90	3800	3400	3400	3400	3100	2800	2600	2600	2200	2000	1900	1800
	.50	3400	3400	3400	3400	3100	2600	2600	2600	2200	1900	1800	1700
	.10	3100	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1200
4800	.90	4600	4600	4600	4500	3900	3500	3100	3100	2600	2300	2100	2000
	.50	4000	4000	4000	3900	3500	3300	3100	3100	2600	2100	1900	1800
	.10	3300	3200	3200	3200	3000	2900	2800	2700	2200	1800	1600	1500
	.90	3300	3300	3300	3300	3100	2600	2600	2600	2200	2000	1900	1700
	.50	3300	3300	3300	3300	3100	2600	2600	2600	2200	1800	1800	1500
	.10	3000	3000	3000	3000	2800	2300	2300	2300	1900	1500	1500	1100
	.90	3800	3800	3400	3400	3100	2900	2600	2600	2300	2100	1900	1900
	.50	3400	3400	3400	3400	3100	2600	2600	2600	2200	1900	1800	1700
	.10	3100	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1300
	.90	4700	4700	4700	4600	3900	3500	3200	3100	3100	2900	2400	2200
	.50	4100	4100	4100	4100	3500	3300	3100	3100	3000	2600	2200	2000
	.10	3300	3200	3200	3200	3000	2900	2900	2800	2700	2200	1800	1600
4900	.90	3400	3400	3400	3400	3100	2600	2600	2600	2200	2000	1900	1700
	.50	3400	3400	3400	3400	3100	2600	2600	2600	2200	2000	1900	1700
	.10	3100	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1300
	.90	4700	4700	4700	4600	3900	3500	3200	3100	3100	2900	2400	2200
	.50	4100	4100	4100	4100	3500	3300	3100	3100	3000	2600	2200	2000
	.10	3300	3200	3200	3200	3000	2900	2900	2800	2700	2200	1800	1600
	.90	3400	3400	3400	3400	3100	2600	2600	2600	2200	2000	1900	1700
	.50	3400	3400	3400	3400	3100	2600	2600	2600	2200	2000	1900	1700
	.10	3100	3100	3100	3100	2800	2300	2300	2300	1900	1600	1500	1100
	.90	3800	3800	3500	3500	3200	2900	2800	2600	2300	2100	1900	1900
	.50	3500	3500	3500	3500	3100	2600	2600	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	2800	2300	2300	2300	1900	1600	1500	1400
	.90	4700	4700	4700	4700	4500	3700	3500	3200	3100	3100	2900	2400
	.50	4100	4100	4100	4100	3900	3500	3300	3100	3000	3000	2600	2200
	.10	3400	3400	3200	3200	3200	2900	2900	2900	2700	2700	2300	1800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3400	3400	3400	3400	3100	2600	2600	2600	2200	2000	1900	1800
	.50	3400	3400	3400	3400	3100	2600	2600	2600	2200	1900	1800	1700
	.10	3100	3100	3100	2800	2300	2300	2300	2300	1900	1600	1500	1300
	.90	3900	3900	3500	3200	3100	3100	2900	2600	2400	2100	2000	1900
	.50	3500	3500	3500	3100	2800	2800	2600	2600	2200	2000	1800	1800
	.10	3200	3200	3200	2900	2900	2800	2300	2300	1900	1600	1500	1500
	.90	4800	4800	4800	4700	4700	3900	3500	3300	3100	3100	3100	2700
	.50	4200	4200	4200	4100	4100	3500	3300	3300	3000	3000	3000	2600
	.10	3400	3400	3200	3200	3200	3000	2900	2900	2700	2700	2700	2200
5100	.90	3500	3500	3500	3500	3100	3100	2600	2600	2200	2000	1900	1900
	.50	3500	3500	3500	3500	3100	3100	2600	2600	2200	1900	1800	1700
	.10	3200	3200	3200	2900	2900	2800	2300	2300	1900	1600	1500	1400
	.90	3900	3900	3500	3200	3200	3100	3100	2800	2400	2200	2000	1900
	.50	3500	3500	3500	3200	3200	3100	3100	2600	2400	2000	1900	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4700	4500	3500	3500	3100	3100	3100	3100
	.50	4200	4200	4200	4100	4100	3900	3500	3300	3000	3000	3000	3000
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700
5200	.90	3500	3500	3500	3500	3100	3100	2900	2600	2300	2100	1900	1900
	.50	3500	3500	3500	3500	3200	3100	2800	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4700	4500	3500	3500	3100	3000	3000	3000
	.50	4200	4200	4200	4100	4100	3900	3500	3300	2900	2700	2700	2700
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700
5300	.90	3500	3500	3500	3500	3200	3100	2900	2600	2300	2100	2000	1900
	.50	3500	3500	3500	3500	3200	3100	2800	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4600	4500	3500	3500	3100	3100	3100	3100
	.50	4200	4200	4200	4100	4100	3900	3500	3300	3100	3000	3000	3000
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700
	.90	3500	3500	3500	3500	3200	3100	2900	2600	2300	2100	2000	1900
	.50	3500	3500	3500	3500	3200	3100	2800	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4600	4500	3500	3500	3100	3100	3100	3100
	.50	4200	4200	4200	4100	4100	3900	3500	3300	3100	3000	3000	3000
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700
	.90	3500	3500	3500	3500	3200	3100	2900	2600	2300	2100	2000	1900
	.50	3500	3500	3500	3500	3200	3100	2800	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4600	4500	3500	3500	3100	3100	3100	3100
	.50	4200	4200	4200	4100	4100	3900	3500	3300	3100	3000	3000	3000
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700
	.90	3500	3500	3500	3500	3200	3100	2900	2600	2300	2100	2000	1900
	.50	3500	3500	3500	3500	3200	3100	2800	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4600	4500	3500	3500	3100	3100	3100	3100
	.50	4200	4200	4200	4100	4100	3900	3500	3300	3100	3000	3000	3000
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700
	.90	3500	3500	3500	3500	3200	3100	2900	2600	2300	2100	2000	1900
	.50	3500	3500	3500	3500	3200	3100	2800	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4600	4500	3500	3500	3100	3100	3100	3100
	.50	4200	4200	4200	4100	4100	3900	3500	3300	3100	3000	3000	3000
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700
	.90	3500	3500	3500	3500	3200	3100	2900	2600	2300	2100	2000	1900
	.50	3500	3500	3500	3500	3200	3100	2800	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4600	4500	3500	3500	3100	3100	3100	3100
	.50	4200	4200	4200	4100	4100	3900	3500	3300	3100	3000	3000	3000
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700
	.90	3500	3500	3500	3500	3200	3100	2900	2600	2300	2100	2000	1900
	.50	3500	3500	3500	3500	3200	3100	2800	2600	2200	1900	1800	1800
	.10	3200	3200	3200	3200	3000	2900	2600	2300	2000	1600	1500	1500
	.90	4800	4800	4800	4700	4600	4500	3500	3500	3100	3100	3100	3100
	.50	4200	4200	4200	4100	4100	3900	3500	3300	3100	3000	3000	3000
	.10	3500	3500	3200	3200	3200	3100	3000	2900	2700	2700	2700	2700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- PINK:  
 SPawning MONTH -- OCTOBER INCUBATION MONTH -- MARCH

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	.90	3700	3500	3500	3300	3100	3100	3100	2400	2200	2000	1900
	.50	.50	3600	3500	3500	3300	3100	3100	3100	2400	2000	1900	1800
	.10	.10	3300	3200	3200	3000	2900	2900	2800	2200	1600	1500	1500
	.90	.90	4100	4100	3500	3500	3200	3100	3100	3100	2800	2300	2100
	.50	.50	3700	3500	3500	3500	3200	3100	3100	3000	2600	2200	1900
	.10	.10	3400	3200	3200	3100	3000	2900	2900	2700	2300	1800	1600
	.90	.90	4900	4900	4900	4600	4500	3900	3500	3100	3100	3100	3100
	.50	.50	4300	4300	4300	4100	3900	3500	3500	3100	3000	3000	3000
	.10	.10	4000	4000	4000	3200	3100	3100	3000	2800	2700	2700	2700
5500	.90	.90	3800	3500	3500	3300	3200	3100	3100	2600	2200	2000	1900
	.50	.50	3600	3500	3500	3300	3200	3100	3100	2400	2100	1900	1800
	.10	.10	3300	3200	3200	3100	3000	2900	2900	2200	1700	1600	1500
	.90	.90	4200	4200	3500	3500	3200	3200	3100	3100	3100	2800	2300
	.50	.50	3700	3700	3500	3500	3200	3100	3100	3000	3000	2600	2200
	.10	.10	3400	3400	3200	3200	3000	2900	2900	2700	2700	2300	1800
	.90	.90	5000	5000	5000	4600	4500	4000	3500	3100	3100	3100	3100
	.50	.50	4400	4400	4400	4100	4100	3900	3500	3100	3000	3000	3000
	.10	.10	4000	4000	4000	3200	3200	3100	3100	2900	2700	2700	2700
5600	.90	.90	3800	3800	3500	3500	3200	3100	3100	3100	2600	2300	2100
	.50	.50	3700	3500	3500	3300	3200	3100	3100	3000	2600	2100	1900
	.10	.10	3400	3200	3200	3100	3000	2900	2900	2700	2300	1800	1600
	.90	.90	4200	4200	3800	3500	3300	3200	3200	3100	3100	3100	2600
	.50	.50	3800	3700	3600	3500	3300	3200	3100	3000	3000	3000	2600
	.10	.10	3500	3400	3200	3200	3000	3000	2900	2700	2700	2700	2200
	.90	.90	5000	5000	5000	4600	4500	4100	3500	3100	3100	3100	3100
	.50	.50	4700	4400	4400	4400	4100	3900	3500	3100	3000	3000	3000
	.10	.10	4400	4100	4100	3700	3200	3200	3100	2900	2700	2700	2700
5700	.90	.90	3800	3800	3500	3500	3300	3200	3100	3100	3100	2600	2300
	.50	.50	3700	3700	3500	3500	3200	3200	3100	3000	3000	2600	2200
	.10	.10	3400	3400	3200	3200	3000	3000	2900	2700	2700	2700	2200
	.90	.90	4200	4200	3900	3500	3300	3200	3200	3100	3100	3100	3100
	.50	.50	3800	3800	3600	3500	3300	3200	3200	3000	3000	3000	3000
	.10	.10	3500	3500	3200	3200	3100	3000	3000	2700	2700	2700	2700
	.90	.90	5100	5100	5100	4600	4500	4400	3900	3200	3100	3100	3100
	.50	.50	4800	4800	4500	4400	4100	3900	3500	3100	3000	3000	3000
	.10	.10	4500	4500	4100	4100	4100	3200	3100	2900	2700	2700	2700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5800	.90	3900	3900	3500	3500	3500	3300	3200	3200	3100	3100	3100	2600	
		3800	3700	3500	3500	3500	3300	3200	3200	3000	3000	3000	2400	
		3500	3400	3200	3200	3200	3100	3000	3000	2700	2700	2700	2200	
		4300	4300	4200	3900	3500	3500	3500	3300	3200	3100	3100	3100	3100
		4200	4200	3800	3700	3500	3300	3300	3300	3200	3000	3000	3000	3000
		3900	3900	3500	3200	3200	3100	3000	3000	3000	2700	2700	2700	2700
		5500	5500	5500	5100	4600	4500	4400	4400	4100	3200	3100	3100	3100
		4900	4900	4900	4800	4400	4400	4400	4100	3900	3200	3000	3000	3000
		4500	4500	4100	4100	4100	3700	3200	3200	2900	2700	2700	2700	2700
		3900	3900	3900	3500	3500	3300	3200	3200	3200	3100	3100	3100	3100
5900	.90	3800	3800	3500	3500	3500	3300	3200	3200	3000	3000	3000	3000	
		3500	3500	3200	3200	3200	3100	3000	3000	2700	2700	2700	2700	
		4300	4300	4300	4300	3900	3500	3300	3300	3200	3100	3100	3100	
		4300	4300	4300	3800	3500	3500	3500	3300	3200	3100	3000	3000	3000
		4000	4000	4000	3500	3200	3100	3000	3000	2700	2700	2700	2700	2700
		5500	5500	5500	5500	5500	5200	4600	4600	4500	3200	3100	3100	3100
		4900	4900	4900	4900	4900	4600	4600	4500	4100	3200	3000	3000	3000
		4500	4500	4200	4200	4200	3800	3700	3700	3400	3000	2700	2700	2700
		4200	4200	4000	3500	3500	3300	3200	3200	3100	3100	3100	3100	3100
		4200	4200	3800	3500	3500	3300	3200	3200	3000	2700	2700	2700	2700
6000	.90	3900	3900	3500	3200	3200	3100	3000	3000	2700	2700	2700	2700	
		4400	4400	4300	4300	4000	3500	3500	3500	3300	3100	3100	3100	
		4300	4300	4300	4300	3800	3500	3500	3300	3300	3100	3000	3000	
		4000	4000	4000	4000	4200	4200	3800	3700	3400	3000	2700	2700	
		5500	5500	5500	5500	5500	5200	4600	4600	4500	3200	3100	3100	
		4900	4900	4900	4900	4900	4900	4600	4600	4500	3300	3000	3000	
		4500	4500	4200	4200	4200	3800	3700	3700	3400	3000	2700	2700	
		4200	4200	4000	3500	3500	3300	3200	3200	3100	3100	3100	3100	
		4200	4200	3800	3500	3500	3300	3200	3200	3000	2700	2700	2700	
		3900	3900	3500	3200	3200	3100	3000	3000	2700	2700	2700	2700	
6100	.90	4400	4400	4300	4300	4000	3500	3500	3500	3300	3100	3100	3100	
		4300	4300	4300	4300	3800	3500	3500	3300	3300	3100	3000	3000	
		4000	4000	4000	4000	4200	4200	3800	3700	3400	3000	2700	2700	
		5500	5500	5500	5500	5500	5200	4600	4600	4500	3300	3000	3000	
		4900	4900	4900	4900	4900	4900	4600	4600	4500	3300	3000	3000	
		4500	4500	4200	4200	4200	3800	3700	3700	3400	3000	2700	2700	
		4300	4300	4300	4100	3500	3500	3300	3300	3200	3100	3100	3100	
		4300	4300	4300	3800	3500	3500	3300	3300	3200	3000	3000	3000	
		4000	4000	4000	3500	3200	3100	3000	3000	2700	2700	2700	2700	
		4700	4700	4400	4400	4400	3500	3500	3300	3300	3100	3100	3100	
5800	.50	4700	4400	4400	4400	3900	3500	3300	3300	3100	3000	3000	3000	
		4400	4400	4100	4100	3600	3200	3100	3100	2800	2700	2700	2700	
		5500	5500	5500	5500	5500	5500	5500	5500	4600	3500	3100	3100	
		4900	4900	4900	4900	4900	4900	4900	4900	4600	3300	3000	3000	
		4500	4500	4500	4300	4300	4300	4100	4100	3700	2700	2700	2700	
		4900	4900	4900	4900	4900	4900	4900	4600	4500	3300	3000	3000	
		4500	4500	4200	4200	4200	3800	3700	3700	3400	3000	2700	2700	
		4300	4300	4300	4100	3500	3500	3300	3300	3200	3100	3100	3100	
		4300	4300	4300	3800	3500	3500	3300	3300	3200	3000	3000	3000	
		4000	4000	4000	3500	3200	3100	3000	3000	2700	2700	2700	2700	
5900	.50	4700	4400	4400	4400	3900	3500	3300	3300	3100	3000	3000	3000	
		4400	4400	4100	4100	3600	3200	3100	3100	2800	2700	2700	2700	
		5500	5500	5500	5500	5500	5500	5500	5500	4600	3500	3100	3100	
		4900	4900	4900	4900	4900	4900	4900	4900	4600	3300	3000	3000	
		4500	4500	4500	4300	4300	4300	4100	4100	3700	2700	2700	2700	
		4900	4900	4900	4900	4900	4900	4900	4600	4500	3300	3000	3000	
		4500	4500	4200	4200	4200	3800	3700	3700	3400	3000	2700	2700	
		4300	4300	4300	4100	3500	3500	3300	3300	3200	3100	3100	3100	
		4300	4300	4300	3800	3500	3500	3300	3300	3200	3000	3000	3000	
		4000	4000	4000	3500	3200	3100	3000	3000	2700	2700	2700	2700	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	.90	4300	4300	4300	3500	3500	3300	3200	3100	3100	3100	3100
	.50	.50	4300	4300	4300	3500	3500	3300	3200	3100	3000	3000	3000
	.10	.10	4000	4000	4000	3200	3200	3100	3000	2800	2700	2700	2700
	.90	.90	4800	4800	4500	4400	3900	3500	3300	3100	3100	3100	3100
	.50	.50	4800	4800	4400	4400	3500	3500	3300	3100	3000	3000	3000
	.10	.10	4500	4500	4100	4100	3200	3100	3100	2800	2700	2700	2700
	.90	.90	5500	5500	5500	5500	5500	5500	4800	3500	3100	3100	3100
	.50	.50	4900	4900	4900	4900	4900	4900	4700	3500	3100	3000	3000
	.10	.10	4500	4500	4300	4300	4300	3700	3700	3100	2700	2700	2700
6300	.90	.90	4700	4400	4400	4200	3500	3300	3300	3100	3100	3100	3100
	.50	.50	4700	4400	4400	3900	3500	3300	3300	3100	3000	3000	3000
	.10	.10	4400	4100	4100	3600	3200	3100	3000	2800	2700	2700	2700
	.90	.90	4800	4800	4400	4400	3900	3500	3500	3100	3100	3100	3100
	.50	.50	4800	4800	4400	4400	3500	3500	3500	3100	3000	3000	3000
	.10	.10	4500	4500	4100	4100	3200	3200	3100	2900	2700	2700	2700
	.90	.90	5500	5500	5500	5500	5500	5500	5500	3900	3100	3100	3100
	.50	.50	4900	4900	4900	4900	4900	4900	4900	3500	3100	3000	3000
	.10	.10	4500	4500	4100	4100	3200	3200	3100	2900	2700	2700	2700
6400	.90	.90	4500	4500	4600	4500	4100	3900	3700	3100	2800	2700	2700
	.50	.50	4800	4800	4400	4400	3500	3500	3300	3100	3100	3100	3100
	.10	.10	4800	4800	4400	4400	3500	3500	3300	3100	3000	3000	3000
	.90	.90	4500	4500	4100	4100	3200	3200	3100	2900	2700	2700	2700
	.50	.50	4800	4800	4600	4500	4100	3900	3500	3100	3000	3000	3000
	.10	.10	4800	4800	4500	4500	4000	3500	3500	3100	2700	2700	2700
	.90	.90	5900	5900	5900	5500	5500	5500	5500	4400	3100	3100	3100
	.50	.50	5300	5300	5300	4900	4900	4900	4900	3900	3100	3000	3000
	.10	.10	4500	4500	4500	4300	4300	4100	4000	3200	2900	2700	2700
6500	.90	.90	4800	4800	4400	4400	3900	3500	3300	3100	3100	3100	3100
	.50	.50	4800	4800	4400	4400	3600	3500	3300	3100	3000	3000	3000
	.10	.10	4500	4500	4100	4100	3200	3200	3100	2900	2700	2700	2700
	.90	.90	4800	4800	4600	4500	4100	3900	3500	3100	2700	2700	2700
	.50	.50	4800	4800	4400	4400	4000	3500	3500	3100	3000	3000	3000
	.10	.10	4500	4500	4100	4100	3200	3200	3100	2900	2700	2700	2700
	.90	.90	4800	4800	4600	4500	4100	3900	3500	3100	2700	2700	2700
	.50	.50	4800	4800	4500	4500	4100	3800	3500	3100	3000	3000	3000
	.10	.10	4500	4500	4200	4200	3800	3200	3200	2900	2700	2700	2700
	.90	.90	5900	5900	5900	5900	5500	5500	5500	4600	3200	3100	3100
	.50	.50	5700	5300	5300	5300	4900	4900	4900	4100	3100	3000	3000
	.10	.10	5400	4500	4500	4300	4300	4300	4100	3200	2900	2700	2700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6600	.90	4800	4800	4500	4500	4500	4100	3500	3500	3100	3100	3100	3100	
		4800	4800	4500	4500	4500	4000	3500	3500	3100	3100	3000	3000	3000
	.50	4500	4500	4200	4200	4200	3700	3200	3200	2900	2700	2700	2700	
		4800	4800	4800	4700	4600	4600	4200	3900	3200	3100	3100	3100	3100
	.10	4800	4800	4800	4600	4600	4300	3900	3500	2900	2700	2700	2700	
		4800	4800	4500	4300	4300	4000	3200	3200	2900	2700	2700	2700	
	6700	.90	5900	5900	5900	5900	5900	5900	5500	5500	4600	4600	4600	3100
			5700	5400	5300	5300	5300	5300	4900	4900	4400	4200	4200	3000
		.50	5400	5100	4500	4500	4300	4300	4300	4100	3700	2900	2700	2700
			4800	4800	4500	4500	4500	4300	3900	3500	3200	3100	3100	3100
.10		4800	4800	4500	4500	4500	4100	3500	3500	3100	3000	3000	3000	
		4500	4500	4200	4200	4200	3800	3200	3200	2900	2700	2700	2700	
6800		.90	4800	4800	4700	4600	4600	4600	4600	4300	3200	3100	3100	3100
			4800	4800	4800	4600	4600	4600	4100	3900	3200	3000	3000	3000
		.50	4500	4500	4300	4300	4300	4300	3700	3200	3000	2700	2700	2700
			5900	5900	5900	5900	5900	5900	5500	5500	4600	4600	4600	3100
	.10	5700	5700	5300	5300	5300	5300	4900	4900	4500	4500	4500	3000	
		5400	5400	4500	4500	4300	4300	4300	4100	3700	3000	2700	2700	
	6900	.90	4800	4800	4800	4600	4600	4400	3900	3500	3200	3100	3100	3100
			4800	4800	4800	4600	4600	4600	4300	3500	3200	3000	3000	3000
		.50	4500	4500	4500	4300	4300	4000	4000	3200	2900	2700	2700	2700
			4800	4800	4800	4800	4800	4600	4600	4600	4600	3300	3100	3100
.10		4800	4800	4800	4600	4600	4600	4200	4100	3200	3000	3000	3000	
		4500	4500	4500	4300	4300	4300	3800	3200	3000	2700	2700	2700	
6900		.90	5900	5900	5900	5900	5900	5900	5600	5500	4600	4600	4600	3100
			5800	5800	5500	5300	5300	5300	4900	4900	4600	4600	4600	3000
		.50	5500	5500	5200	4500	4300	4300	4300	4300	3700	3000	2700	2700
			4800	4800	4800	4600	4600	4600	3900	3900	3200	3100	3100	3100
	.10	4800	4800	4800	4600	4600	4600	4600	3900	3500	3000	3000	3000	
		4500	4500	4500	4300	4300	4300	3700	3200	2900	2700	2700	2700	
	6900	.90	4800	4800	4800	4800	4800	4600	4600	4600	3300	3100	3100	3100
			4800	4800	4800	4600	4600	4600	4200	4100	3200	3000	3000	3000
		.50	4500	4500	4500	4300	4300	4300	4300	3700	3000	2700	2700	2700
			5900	5900	5900	5900	5900	5900	5600	5500	4600	4600	4600	3100
.10		5800	5800	5500	5300	5300	5300	4900	4900	4600	4600	4600	3000	
		5500	5500	5200	4500	4300	4300	4300	3900	3200	3100	3100	3100	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- PINK:  
 SPANNING MONTH -- OCTOBER INCUBATION MONTH -- MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		4800	4800	4600	4600	4600	4300	3900	3200	3100	3100	3100
		.50	4800	4800	4600	4600	4600	4000	3500	3200	3000	3000	3000
		.10	4500	4500	4300	4300	4300	3800	3200	3000	2700	2700	2700
	.50		5700	4800	4800	4700	4600	4600	4600	3300	3100	3100	3100
		.50	5700	4800	4600	4600	4600	4600	4100	3300	3100	3000	3000
		.10	5400	4500	4300	4300	4300	4300	3700	3000	2700	2700	2700
	.90		5900	5900	5900	5900	5900	5900	5500	4600	3300	3100	3100
	.50		5900	5900	5300	5300	5300	5300	4900	4600	3300	3100	3000
	.10		5600	5200	4500	4300	4300	4300	4300	3700	3000	2800	2700

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	500	500	500	500	500	400	400	400	300	100	100	100
	.50	400	400	400	400	400	300	300	300	200	0	0	0
	.10	200	200	200	200	100	100	0	0	0	0	0	0
	.90	700	700	600	600	600	500	500	500	400	200	100	100
	.50	600	600	500	500	500	400	400	400	300	100	0	0
	.10	400	400	200	200	200	200	100	100	0	0	0	0
	.90	1900	1900	1100	1000	1000	900	900	900	700	600	500	300
	.50	1200	1200	900	800	800	800	800	800	600	400	300	200
	.10	700	700	600	600	600	500	500	500	300	100	0	0
1500	.90	700	700	500	500	500	400	400	400	300	100	100	100
	.50	600	600	400	400	400	300	300	300	200	0	0	0
	.10	400	400	200	200	200	100	0	0	0	0	0	0
	.90	700	700	700	700	600	600	600	500	400	200	100	100
	.50	600	600	600	600	500	500	500	400	300	100	0	0
	.10	400	400	400	400	300	200	200	200	0	0	0	0
	.90	1900	1900	1100	1100	1100	1100	1000	900	900	600	500	400
	.50	1200	1200	1000	1000	1000	1000	900	800	700	500	300	300
	.10	700	700	700	700	700	700	600	600	500	200	100	100
1600	.90	700	700	700	700	600	600	500	500	400	200	100	100
	.50	600	600	600	600	500	500	400	400	300	100	0	0
	.10	400	400	400	400	300	200	200	100	0	0	0	0
	.90	800	800	700	700	700	600	600	600	400	200	100	100
	.50	700	700	600	600	600	500	500	500	400	200	100	100
	.10	500	500	400	400	400	300	200	200	0	0	0	0
	.90	1900	1900	1200	1200	1200	1100	1100	1100	900	700	700	600
	.50	1200	1200	1100	1100	1100	1000	1000	1000	800	600	400	300
	.10	800	800	800	800	700	700	700	700	500	300	100	100
1700	.90	800	800	700	700	700	600	600	600	400	200	100	100
	.50	700	700	600	600	600	500	500	500	300	100	0	0
	.10	500	500	400	400	400	200	200	200	0	0	0	0
	.90	900	800	800	800	700	700	700	600	500	300	200	100
	.50	800	700	700	700	600	600	600	500	400	200	100	100
	.10	600	500	500	400	400	300	300	300	100	0	0	0
	.90	1900	1900	1400	1400	1200	1200	1200	1100	1000	800	700	600
	.50	1300	1300	1300	1300	1100	1100	1100	1000	800	600	600	400
	.10	1000	1000	1000	1000	800	800	800	700	600	300	300	100

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	.90	900	800	800	700	700	600	600	400	200	100	100
	.50	.50	800	700	700	600	600	500	500	300	100	0	0
	.10	.10	600	500	500	400	300	200	200	0	0	0	0
	.90	.90	1100	900	900	800	700	700	700	500	400	200	100
	.50	.50	1000	800	800	700	600	600	600	400	300	100	0
	.10	.10	700	600	600	500	400	300	300	200	0	0	0
	.90	.90	2500	1900	1700	1400	1300	1200	1200	1000	900	700	700
	.50	.50	1800	1300	1300	1300	1100	1100	1100	900	700	600	500
	.10	.10	1000	1000	1000	1000	800	800	800	700	400	300	200
1900	.90	.90	900	900	900	800	700	700	700	500	300	200	100
	.50	.50	800	800	800	700	600	600	600	400	200	100	0
	.10	.10	600	600	600	500	400	300	300	100	0	0	0
	.90	.90	1100	1100	1000	900	900	900	800	600	400	300	200
	.50	.50	1000	1000	900	800	800	800	700	500	300	200	100
	.10	.10	700	700	700	600	600	500	500	300	0	0	0
	.90	.90	2500	2500	1800	1400	1400	1300	1200	1100	900	700	700
	.50	.50	1800	1800	1400	1300	1300	1100	1100	1000	800	600	600
	.10	.10	1100	1100	1000	1000	1000	800	800	700	500	300	200
2000	.90	.90	1100	1000	1000	900	800	700	700	600	400	200	100
	.50	.50	1000	900	900	800	700	600	600	500	300	100	0
	.10	.10	700	700	700	600	500	400	300	200	0	0	0
	.90	.90	1100	1100	1100	1000	900	900	900	700	500	400	200
	.50	.50	1000	1000	1000	900	800	800	800	600	400	300	100
	.10	.10	700	700	700	600	600	500	500	300	100	0	0
	.90	.90	2500	2500	1800	1400	1400	1300	1200	1100	900	700	700
	.50	.50	1800	1800	1400	1300	1300	1100	1100	1000	800	600	600
	.10	.10	1100	1100	1000	1000	1000	800	800	700	500	300	200
2100	.90	.90	1100	1100	1000	1000	900	900	900	700	400	300	200
	.50	.50	1000	1000	900	900	800	800	800	600	300	200	100
	.10	.10	700	700	700	600	600	500	500	300	100	0	0
	.90	.90	2500	2500	1800	1400	1400	1300	1200	1100	900	700	700
	.50	.50	1800	1800	1400	1300	1300	1200	1100	1000	800	600	600
	.10	.10	1100	1100	1000	1000	1000	800	800	700	500	300	300
	.90	.90	1100	1100	1000	1000	900	900	900	700	400	300	200
	.50	.50	1000	1000	900	900	800	800	800	600	300	200	100
	.10	.10	700	700	700	600	600	500	500	300	100	0	0
	.90	.90	2500	2500	1800	1400	1400	1300	1200	1100	900	700	700
	.50	.50	1800	1800	1400	1300	1300	1200	1100	1000	800	600	600
	.10	.10	1100	1100	1000	1000	1000	800	800	700	500	300	300
	.90	.90	2500	2500	1800	1400	1400	1300	1200	1100	900	700	700
	.50	.50	1800	1800	1400	1300	1300	1200	1200	1000	800	700	600
	.10	.10	1100	1100	1100	1000	1000	800	800	700	500	300	300

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1100	1100	1100	1000	1000	1000	900	900	700	500	400	200
	.50	1000	1000	1000	900	900	900	800	800	600	400	300	100
	.10	800	700	700	700	700	600	600	500	400	100	0	0
	.90	1400	1400	1400	1400	1200	1200	1100	1100	900	700	600	500
	.50	1300	1300	1300	1300	1100	1100	1000	1000	800	600	500	300
	.10	1000	1000	1000	1000	800	800	700	700	500	300	200	0
	.90	2500	2500	1800	1800	1700	1400	1400	1300	1200	1000	900	700
	.50	1800	1800	1500	1500	1300	1300	1200	1200	1100	900	800	600
	.10	1200	1200	1200	1200	1000	1000	1000	900	800	500	400	300
2300	.90	1200	1200	1200	1200	1100	1100	1000	1000	900	600	400	300
	.50	1100	1100	1100	1100	1000	1000	900	900	800	500	300	200
	.10	900	900	800	800	700	700	700	600	500	200	0	0
	.90	1400	1400	1400	1400	1400	1200	1200	1200	1000	700	700	600
	.50	1300	1300	1300	1300	1300	1100	1100	1100	900	600	600	400
	.10	1000	1000	1000	1000	1000	800	800	800	700	400	300	100
	.90	2500	2500	1800	1800	1800	1600	1400	1400	1200	1100	900	900
	.50	1800	1800	1500	1500	1300	1300	1200	1200	1100	1000	800	600
	.10	1200	1200	1200	1200	1000	1000	1000	900	800	600	500	300
	.90	1400	1400	1400	1400	1200	1200	1100	1100	900	700	600	400
	.50	1300	1300	1300	1300	1100	1100	1000	1000	800	600	500	300
	.10	1000	1000	1000	1000	800	800	700	700	500	300	200	0
	.90	1400	1400	1400	1400	1400	1300	1200	1200	1000	800	700	600
	.50	1300	1300	1300	1300	1300	1200	1100	1100	900	700	600	500
	.10	1000	1000	1000	1000	1000	1000	800	800	700	500	300	200
	.90	2500	2500	1900	1800	1800	1700	1400	1400	1200	1100	1000	900
	.50	1800	1800	1600	1600	1300	1300	1300	1200	1100	1000	800	700
	.10	1500	1300	1300	1300	1000	1000	1000	1000	800	700	500	300
2500	.90	1400	1400	1400	1400	1400	1200	1200	1200	1000	700	700	500
	.50	1300	1300	1300	1300	1300	1100	1100	1100	900	600	600	400
	.10	1000	1000	1000	1000	1000	800	800	800	700	500	300	200
	.90	2500	2500	1900	1800	1800	1700	1400	1400	1200	1100	1000	900
	.50	1800	1800	1600	1600	1300	1300	1300	1200	1100	1000	800	700
	.10	1500	1400	1400	1400	1400	1200	1200	1200	1000	700	700	500
	.90	1300	1300	1300	1300	1300	1100	1100	1100	900	600	600	400
	.50	1000	1000	1000	1000	1000	800	800	800	700	400	300	100
	.10	1500	1500	1400	1400	1400	1400	1300	1200	1100	900	700	700
	.90	1400	1400	1400	1400	1400	1400	1300	1200	1100	1000	800	700
	.50	1400	1400	1300	1300	1300	1300	1200	1100	1000	800	600	500
	.10	1100	1100	1000	1000	1000	1000	900	800	700	500	300	200
	.90	2500	2500	1900	1800	1800	1700	1400	1400	1300	1200	1100	900
	.50	1900	1800	1600	1600	1600	1300	1300	1200	1100	800	600	500
	.10	1600	1300	1300	1300	1300	1000	1000	1000	700	500	300	200

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPANING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPANING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1400	1400	1400	1400	1400	1300	1200	1200	1100	900	700	600
	.50	1300	1300	1300	1300	1300	1200	1100	1100	1000	800	600	500
	.10	1000	1000	1000	1000	1000	1000	800	800	700	500	300	200
	.90	1500	1500	1500	1400	1400	1400	1300	1200	1100	900	700	700
	.50	1400	1400	1400	1300	1300	1300	1200	1100	1000	800	600	600
	.10	1100	1100	1100	1000	1000	1000	1000	800	700	500	300	300
	.90	2500	2500	2100	2100	2100	1800	1800	1700	1300	1200	1100	1000
	.50	2000	2000	2000	2000	2000	1700	1500	1300	1200	1000	900	800
	.10	1700	1700	1700	1700	1700	1400	1000	1000	800	700	500	500
2700	.90	1500	1500	1400	1400	1400	1400	1300	1200	1100	900	700	600
	.50	1400	1400	1300	1300	1300	1300	1200	1100	1000	800	600	500
	.10	1100	1100	1000	1000	1000	1000	900	800	700	500	300	300
	.90	1500	1500	1500	1500	1400	1400	1300	1300	1100	900	700	700
	.50	1400	1400	1400	1400	1300	1300	1200	1200	1000	800	600	600
	.10	1100	1100	1100	1100	1000	1000	1000	900	700	500	300	300
	.90	2700	2500	2200	2200	2200	2100	2100	1800	1400	1200	1200	1100
	.50	2100	2100	2100	2100	2100	2000	2000	1700	1200	1100	1000	900
	.10	1800	1800	1800	1800	1800	1700	1700	1400	900	800	700	500
	.90	1500	1500	1500	1400	1400	1400	1300	1200	1100	900	700	700
	.50	1400	1400	1400	1300	1300	1300	1200	1100	1000	800	600	600
	.10	1100	1100	1100	1000	1000	1000	1000	800	700	500	300	300
	.90	1600	1600	1600	1600	1400	1400	1300	1300	1200	900	800	700
	.50	1500	1500	1500	1500	1300	1300	1200	1100	1000	800	600	600
	.10	1200	1200	1200	1200	1000	1000	1000	900	800	600	400	300
	.90	3400	2600	2500	2200	2200	2200	2100	2100	1400	1300	1200	1100
	.50	2700	2100	2100	2100	2100	2000	2000	2000	1200	1100	1000	1000
	.10	1800	1800	1800	1800	1800	1700	1700	1700	1000	800	700	500
	.90	1500	1500	1500	1500	1400	1400	1300	1300	1100	900	700	700
	.50	1400	1400	1400	1400	1300	1300	1200	1100	1000	800	600	600
	.10	1100	1100	1100	1000	1000	1000	1000	800	700	500	300	300
	.90	1600	1600	1600	1600	1400	1400	1300	1300	1200	900	800	700
	.50	1500	1500	1500	1500	1300	1300	1200	1200	1100	800	600	600
	.10	1200	1200	1200	1200	1000	1000	1000	900	800	600	400	300
	.90	2900	2100	2100	2100	2100	2000	2000	2000	1400	1300	1200	1100
	.50	1800	1800	1800	1800	1800	1700	1700	1700	1000	800	700	500
	.10	1500	1500	1500	1500	1400	1400	1300	1300	1100	900	700	700
	.90	1400	1400	1400	1400	1300	1300	1200	1200	1000	800	600	600
	.50	1200	1200	1100	1100	1000	1000	1000	900	700	500	300	300
	.10	1900	1600	1600	1600	1400	1400	1400	1300	1200	1000	900	700
	.50	1800	1500	1500	1500	1300	1300	1300	1200	1100	900	800	600
	.10	1500	1200	1200	1200	1000	1000	1000	1000	800	700	500	300
	.90	3500	2700	2500	2400	2200	2200	2100	2100	1500	1300	1200	1200
	.50	2800	2100	2100	2100	2100	2000	2000	2000	1300	1100	1100	1000
	.10	1800	1800	1800	1800	1800	1700	1700	1700	1000	800	700	600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- PINK:  
 SPAWNING MONTH -- OCTOBER INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1600	1600	1600	1600	1400	1400	1300	1300	1200	900	800	700
	.50	1500	1500	1500	1500	1300	1300	1200	1200	1100	800	600	600
	.10	1200	1200	1200	1200	1000	1000	1000	1000	800	600	400	300
	.90	2000	1700	1700	1700	1500	1400	1400	1300	1200	1100	900	800
	.50	1900	1600	1600	1600	1400	1300	1200	1200	1100	1000	800	600
	.10	1600	1400	1300	1300	1200	1000	1000	1000	800	700	500	300
	.90	3500	3500	2500	2500	2200	2200	2100	2100	1800	1400	1300	1200
	.50	2800	2800	2100	2100	2100	2100	2000	2000	1600	1200	1100	1000
	.10	1800	1800	1800	1800	1800	1700	1700	1700	1400	800	700	700
3100	.90	1900	1700	1600	1600	1400	1400	1400	1300	1200	1000	900	700
	.50	1800	1600	1500	1500	1300	1300	1200	1200	1100	900	800	600
	.10	1500	1400	1200	1200	1000	1000	1000	1000	800	700	500	300
	.90	2100	2100	2100	2100	2100	1700	1500	1400	1200	1100	900	900
	.50	2000	2000	2000	2000	2000	1600	1400	1300	1100	1000	800	700
	.10	1700	1700	1700	1700	1700	1500	1200	1000	800	700	500	400
	.90	3500	3500	2900	2600	2400	2200	2200	2100	1800	1700	1400	1300
	.50	2800	2800	2500	2100	2100	2100	2000	2000	1700	1300	1200	1100
	.10	2200	2200	1800	1800	1800	1800	1700	1700	1400	1000	800	700
3200	.90	2000	1700	1700	1700	1700	1400	1400	1300	1200	1100	900	700
	.50	1900	1600	1600	1600	1600	1300	1300	1200	1100	1000	800	600
	.10	1600	1400	1400	1400	1300	1000	1000	1000	800	700	500	300
	.90	2200	2200	2200	2200	2200	2100	2100	1800	1300	1200	1100	900
	.50	2100	2100	2100	2100	2100	2000	2000	1700	1200	1000	900	800
	.10	1800	1800	1800	1800	1800	1700	1700	1400	900	800	600	500
	.90	3600	3600	2900	2700	2600	2200	2200	2200	1900	1800	1400	1400
	.50	2900	2900	2500	2500	2500	2100	2100	2000	1800	1700	1300	1100
	.10	2200	2200	2200	2200	2200	2000	1800	1700	1400	1400	900	800
3300	.90	2100	2100	2100	2100	2100	1700	1700	1400	1200	1100	900	900
	.50	2000	2000	2000	2000	2000	1600	1600	1300	1100	1000	800	700
	.10	1700	1700	1700	1700	1700	1400	1300	1000	800	700	500	400
	.90	2200	2200	2200	2200	2200	2100	2100	2100	1300	1200	1100	1000
	.50	2100	2100	2100	2100	2100	2000	2000	2000	1200	1100	1000	800
	.10	1800	1800	1800	1800	1800	1700	1700	1700	1000	800	700	500
	.90	3600	3600	2900	2800	2600	2600	2500	2200	1900	1800	1700	1400
	.50	2900	2900	2500	2500	2500	2100	2100	2000	1800	1700	1300	1100
	.10	2200	2200	2200	2200	2200	2000	1800	1700	1400	1400	900	800

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	.90	2200	2200	2200	2200	2100	2100	1800	1300	1200	1000	900
	.50	.50	2100	2100	2100	2100	2000	2000	1700	1200	1100	900	800
	.10	.10	1800	1800	1800	1800	1700	1700	1400	900	800	700	500
	.90	.90	2200	2200	2200	2200	2100	2100	2100	1300	1200	1100	1000
	.50	.50	2100	2100	2100	2100	2000	2000	2000	1200	1100	1000	900
	.10	.10	1800	1800	1800	1800	1700	1700	1700	1000	800	700	500
	.90	.90	3700	3700	2900	2600	2600	2500	2200	1900	1800	1800	1400
	.50	.50	3000	3000	2500	2500	2500	2100	2100	1800	1700	1600	1200
	.10	.10	2200	2200	2200	2200	2200	1800	1800	1500	1400	1100	900
3500	.90	.90	2200	2200	2200	2200	2100	2100	2100	1300	1200	1100	900
	.50	.50	2100	2100	2100	2100	2000	2000	2000	1200	1100	1000	800
	.10	.10	1800	1800	1800	1800	1700	1700	1700	1000	800	700	500
	.90	.90	2200	2200	2200	2200	2100	2100	2100	1400	1200	1200	1100
	.50	.50	2100	2100	2100	2100	2000	2000	2000	1300	1100	1000	900
	.10	.10	1800	1800	1800	1800	1700	1700	1700	1000	800	700	500
	.90	.90	3800	3800	2900	2600	2600	2500	2300	1900	1800	1800	1500
	.50	.50	3100	3100	2500	2500	2500	2100	2100	1800	1700	1600	1300
	.10	.10	2200	2200	2200	2200	2200	1800	1800	1500	1400	1200	900
3600	.90	.90	2200	2200	2200	2200	2100	2100	2100	1300	1200	1100	1000
	.50	.50	2100	2100	2100	2100	2000	2000	2000	1200	1100	1000	800
	.10	.10	1800	1800	1800	1800	1700	1700	1700	1000	800	700	500
	.90	.90	2600	2600	2200	2200	2200	2100	2100	1700	1300	1200	1100
	.50	.50	2500	2500	2100	2100	2100	2000	2000	1600	1100	1000	1000
	.10	.10	2200	2200	1800	1800	1800	1700	1700	1400	800	700	700
	.90	.90	3800	3800	2900	2600	2600	2600	2400	2100	1800	1800	1600
	.50	.50	3100	3100	2500	2500	2500	2200	2200	1800	1700	1700	1300
	.10	.10	2200	2200	2200	2200	2200	1900	1800	1500	1400	1200	900
3700	.90	.90	2200	2200	2200	2200	2100	2100	2100	1400	1200	1100	1000
	.50	.50	2100	2100	2100	2100	2000	2000	2000	1300	1100	1000	900
	.10	.10	1800	1800	1800	1800	1700	1700	1700	1000	800	700	600
	.90	.90	2600	2600	2600	2600	2200	2200	2100	1800	1500	1300	1200
	.50	.50	2500	2500	2500	2500	2100	2100	2000	1700	1300	1100	1100
	.10	.10	2200	2200	2200	2200	1800	1800	1700	1400	1000	800	700
	.90	.90	3900	3900	2900	2600	2600	2600	2400	2100	1900	1800	1700
	.50	.50	3200	3200	2500	2500	2500	2300	2200	1900	1700	1700	1400
	.10	.10	2700	2700	2200	2200	2200	2100	2100	1500	1400	1300	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
3800	.90	2600	2600	2200	2200	2200	2200	2100	2100	1700	1300	1200	1100	
	.50	2500	2500	2100	2100	2100	2100	2000	2000	1600	1100	1000	1000	
	.10	2200	2200	1800	1800	1800	1800	1700	1700	1400	800	700	700	
	.90	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1300	
	.50	2500	2500	2500	2500	2500	2500	2100	2100	1800	1700	1200	1100	
	.10	2200	2200	2200	2200	2200	2200	1800	1800	1500	1400	900	800	
	.90	3900	3900	3200	3100	2900	2600	2600	2500	2200	2200	1900	1800	1700
	.50	3200	3200	3100	3000	2500	2500	2500	2300	2000	2000	1800	1700	1400
	.10	2800	2800	2700	2700	2200	2200	2200	2100	1700	1700	1400	1400	1000
	.90	2600	2600	2600	2600	2600	2600	2200	2100	1800	1400	1300	1200	
3900	.90	2500	2500	2500	2500	2500	2100	2100	2000	1700	1300	1100	1000	
	.50	2200	2200	2200	2200	2200	1800	1800	1700	1400	1000	800	700	
	.10	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1500	1300	
	.90	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1500	1300	
	.50	2500	2500	2500	2500	2500	2500	2100	2100	1800	1700	1300	1100	
	.10	2200	2200	2200	2200	2200	2200	1800	1800	1500	1400	1000	800	
	.90	3900	3900	3600	3200	3100	2700	2600	2600	2200	2200	1900	1800	1800
	.50	3200	3200	3100	3100	3000	2500	2500	2300	2000	2000	1800	1700	1600
	.10	2800	2800	2800	2700	2200	2200	2200	2100	1700	1700	1400	1400	1000
	.90	2600	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1700	1600
4000	.90	2500	2500	2500	2500	2500	2500	2100	2100	1800	1400	1300	1200	
	.50	2200	2200	2200	2200	2200	2200	2100	2100	1800	1700	1200	1100	
	.10	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1000	
	.90	3900	3900	3600	3200	3100	2700	2600	2600	2200	2200	1900	1800	
	.50	3200	3200	3100	3100	3000	2500	2500	2300	2000	2000	1800	1600	
	.10	2800	2800	2800	2700	2200	2200	2200	2100	1700	1700	1400	1000	
	.90	2600	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1700	
	.50	2500	2500	2500	2500	2500	2500	2100	2100	1800	1800	1700	1600	
	.10	2200	2200	2200	2200	2200	2200	2200	2100	1800	1500	1400	900	
	.90	2600	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1700	
4100	.90	2500	2500	2500	2500	2500	2500	2100	2100	1800	1700	1600	1200	
	.50	2200	2200	2200	2200	2200	2200	2100	2100	1800	1700	1400	900	
	.10	4000	4000	3600	3600	3300	2900	2600	2600	2200	1900	1800	1800	
	.90	3300	3300	3200	3200	3000	2500	2500	2500	2200	2000	1700	1600	
	.50	2900	2900	2900	2900	2700	2200	2200	2100	1700	1400	1400	1200	
	.10	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1300	
	.90	2500	2500	2500	2500	2500	2500	2100	2100	1800	1800	1700	1300	
	.50	2200	2200	2200	2200	2200	2200	2100	2100	1800	1500	1400	800	
	.10	2600	2600	2600	2600	2600	2600	2400	2200	1900	1800	1700	1400	
	.90	2500	2500	2500	2500	2500	2500	2300	2100	1800	1700	1600	1200	
4500	.90	2200	2200	2200	2200	2200	2200	2100	2100	1800	1400	1400	900	
	.50	2000	2000	2000	2000	2000	2000	2000	2000	1800	1700	1600	1200	
	.10	4000	4000	3600	3600	3300	2900	2600	2600	2200	2000	2000	1800	
	.90	3300	3300	3200	3200	3000	2500	2500	2500	2200	2000	1700	1600	
	.50	2900	2900	2900	2900	2700	2200	2200	2100	1700	1400	1400	1200	
	.10	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1300	
	.90	2500	2500	2500	2500	2500	2500	2100	2100	1800	1800	1700	1300	
	.50	2200	2200	2200	2200	2200	2200	2100	2100	1800	1500	1400	800	
	.10	2600	2600	2600	2600	2600	2600	2400	2200	1900	1800	1700	1400	
	.90	2500	2500	2500	2500	2500	2500	2300	2100	1800	1700	1600	1200	
5000	.90	2200	2200	2200	2200	2200	2200	2100	2100	1800	1400	1400	900	
	.50	2000	2000	2000	2000	2000	2000	2000	2000	1800	1700	1600	1200	
	.10	4000	4000	3600	3600	3300	2900	2600	2600	2200	2000	2000	1800	
	.90	3300	3300	3200	3200	3000	2500	2500	2500	2200	2000	1700	1600	
	.50	2900	2900	2900	2900	2700	2200	2200	2100	1700	1400	1400	1200	
	.10	2600	2600	2600	2600	2600	2600	2200	2200	1900	1800	1400	1300	
	.90	2500	2500	2500	2500	2500	2500	2100	2100	1800	1800	1700	1300	
	.50	2200	2200	2200	2200	2200	2200	2100	2100	1800	1500	1400	800	
	.10	2600	2600	2600	2600	2600	2600	2400	2200	1900	1800	1700	1400	
	.90	2500	2500	2500	2500	2500	2500	2300	2100	1800	1700	1600	1200	

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2600	2600	2600	2600	2600	2600	2400	2200	1900	1800	1700	1300
	.50	2500	2500	2500	2500	2500	2500	2300	2100	1800	1700	1600	1200
	.10	2200	2200	2200	2200	2200	2200	2100	1800	1500	1400	1400	900
	.90	3100	3100	2600	2600	2600	2600	2400	2400	1900	1800	1800	1400
	.50	3000	3000	2500	2500	2500	2500	2300	2300	1800	1700	1600	1200
	.10	2700	2700	2200	2200	2200	2200	2100	2000	1500	1400	1400	900
	.90	4100	4100	3600	3600	3400	3100	2700	2600	2400	2100	1900	1800
	.50	3400	3400	3300	3300	3000	2900	2500	2500	2100	1800	1700	1700
	.10	3000	3000	3000	3000	2700	2200	2200	2200	1800	1500	1400	1200
4300	.90	2600	2600	2600	2600	2600	2600	2400	2200	1900	1800	1700	1400
	.50	2500	2500	2500	2500	2500	2500	2300	2100	1800	1700	1600	1200
	.10	2200	2200	2200	2200	2200	2200	2100	1900	1500	1400	1400	900
	.90	3200	3200	3100	3100	2600	2600	2600	2400	2100	1800	1800	1400
	.50	3100	3100	3000	3000	2500	2500	2500	2300	2000	1700	1600	1300
	.10	2800	2800	2700	2700	2200	2200	2200	2100	1700	1400	1400	900
	.90	4100	4100	3600	3600	3400	3100	2900	2700	2400	2100	1900	1800
	.50	3400	3400	3300	3300	3000	2900	2500	2500	2100	1800	1800	1700
	.10	3000	3000	3000	3000	2700	2200	2200	2200	1800	1500	1400	1300
4400	.90	3100	3100	2600	2600	2600	2600	2400	2400	1900	1800	1700	1400
	.50	3000	3000	2500	2500	2500	2500	2300	2300	1800	1700	1600	1200
	.10	2700	2700	2200	2200	2200	2200	2100	2100	1500	1400	1400	900
	.90	4200	4200	4200	3600	3500	3100	2900	2700	2400	2100	1900	1800
	.50	3500	3500	3500	3400	3200	2900	2500	2500	2200	1900	1800	1700
	.10	3100	3100	3100	3100	2700	2300	2200	2200	1800	1500	1400	1400
	.90	3200	3200	3100	3100	2600	2600	2600	2400	2100	1800	1800	1400
	.50	3100	3100	3000	3000	2500	2500	2500	2300	2000	1700	1600	1200
	.10	2800	2800	2800	2700	2200	2200	2200	2100	1700	1400	1400	1000
	.90	4200	4200	4200	3600	3500	3100	2900	2700	2400	2100	1900	1800
	.50	3500	3500	3500	3400	3200	2900	2500	2500	2200	1900	1800	1700
4500	.90	3100	3100	2600	2600	2600	2600	2400	2400	1900	1800	1700	1400
	.50	3000	3000	2500	2500	2500	2500	2300	2300	1800	1700	1600	1200
	.10	2700	2700	2200	2200	2200	2200	2100	2100	1500	1400	1400	900
	.90	4200	4200	4200	3600	3500	3100	2900	2700	2400	2100	1900	1800
	.50	3300	3300	3300	3300	3100	2600	2600	2500	2100	1800	1800	1700
	.10	3200	3200	3200	3200	3000	2500	2500	2300	2000	1700	1700	1400
	.90	2900	2900	2900	2900	2700	2200	2200	2100	1700	1400	1400	1000
	.50	4200	4200	4200	3600	3500	3100	2900	2700	2400	2100	1900	1800
	.10	3500	3500	3500	3400	3200	2900	2500	2500	2200	1900	1800	1700
	.90	3100	3100	2600	2600	2600	2600	2400	2400	1900	1800	1700	1400
	.50	3000	3000	2500	2500	2500	2500	2300	2300	1800	1700	1600	1200
	.10	2800	2800	2800	2700	2200	2200	2200	2100	1700	1400	1400	1000
	.90	4200	4200	4200	3600	3500	3100	2900	2700	2400	2100	1900	1800
	.50	3500	3500	3500	3400	3200	2900	2500	2500	2200	1900	1800	1700
	.10	3100	3100	3100	3100	2700	2300	2200	2200	1800	1500	1400	1000
	.90	4200	4200	4200	3600	3500	3100	2900	2700	2400	2100	1900	1800
	.50	3500	3500	3500	3400	3200	2900	2500	2500	2200	1900	1800	1700
	.10	3100	3100	3100	3100	2700	2300	2200	2200	1800	1500	1400	1000

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3200	3200	3200	3100	2600	2600	2600	2400	2100	1800	1800	1400
	.50	3100	3100	3100	3000	2500	2500	2500	2300	2000	1700	1700	1300
	.10	2800	2800	2800	2700	2200	2200	2200	2100	1700	1400	1400	1000
.50	.90	3400	3300	3300	3300	3100	2600	2600	2600	2200	1900	1800	1700
	.50	3200	3200	3200	3200	3000	2500	2500	2500	2000	1700	1700	1400
	.10	2900	2900	2900	2900	2700	2200	2200	2200	1700	1400	1400	1000
.10	.90	4300	4300	4300	3600	3500	3100	3100	2700	2500	2100	1900	1800
	.50	3600	3600	3600	3400	3200	3000	2900	2500	2300	1900	1800	1700
	.10	3100	3100	3100	3100	2800	2700	2200	2200	1800	1500	1400	1400
4700	.90	3300	3300	3300	3300	3100	2600	2600	2400	2100	1800	1800	1600
	.50	3200	3200	3200	3200	3000	2500	2500	2300	2000	1700	1700	1300
	.10	2900	2900	2900	2900	2700	2200	2200	2100	1700	1400	1400	1000
.50	.90	3500	3400	3400	3400	3100	2600	2600	2600	2200	1900	1800	1700
	.50	3300	3300	3300	3300	3000	2500	2500	2500	2100	1800	1700	1600
	.10	3000	3000	3000	3000	2700	2200	2200	2200	1700	1500	1400	1000
.10	.90	4300	4300	4300	4200	3600	3300	3100	3100	2600	2200	1900	1900
	.50	3600	3600	3600	3500	3400	3000	3000	2900	2400	2000	1800	1700
	.10	3200	3100	3100	3100	2900	2800	2700	2500	2100	1700	1500	1400
4800	.90	3300	3300	3300	3300	3100	2600	2600	2600	2100	1800	1800	1700
	.50	3200	3200	3200	3200	3000	2500	2500	2500	2100	1800	1700	1600
	.10	3000	3000	3000	3000	2700	2200	2200	2200	1700	1500	1400	1000
.90	.90	4300	4300	4300	4200	3600	3300	3100	3100	2600	2200	1900	1900
	.50	3600	3600	3600	3500	3400	3000	3000	2900	2400	2000	1800	1700
	.10	3200	3100	3100	3100	2900	2800	2700	2500	2100	1700	1500	1400
.90	.90	3500	3500	3500	3400	3100	2600	2600	2600	2100	1800	1800	1700
	.50	3300	3300	3300	3300	3000	2500	2500	2500	2100	1800	1700	1600
	.10	3000	3000	3000	3000	2700	2200	2200	2200	1700	1500	1400	1000
.50	.90	4400	4400	4400	4200	3600	3300	3100	3100	2600	2200	1900	1900
	.50	3700	3700	3700	3600	3400	3000	3000	2900	2400	2000	1800	1700
	.10	3400	3100	3100	3100	2900	2800	2700	2600	2100	1800	1700	1600
.10	.90	3400	3400	3400	3400	3100	2600	2600	2600	2200	1900	1800	1700
	.50	3300	3300	3300	3300	3000	2500	2500	2500	2100	1700	1700	1400
	.10	3000	3000	3000	3000	2700	2200	2200	2200	1800	1500	1400	1000
4900	.90	4400	4400	4400	4200	3600	3300	3100	3100	2600	2200	2200	2100
	.50	3700	3700	3700	3600	3400	3000	3000	2900	2400	2000	2100	1800
	.10	3200	3100	3100	3100	2900	2800	2700	2600	2100	1800	1700	1500
.90	.90	3400	3400	3400	3400	3100	2600	2600	2600	2200	1900	1800	1700
	.50	3300	3300	3300	3300	3000	2500	2500	2500	2100	1700	1700	1400
	.10	3000	3000	3000	3000	2700	2200	2200	2200	1800	1500	1400	1000
.50	.90	3500	3500	3500	3500	3100	2700	2600	2600	2200	1900	1800	1800
	.50	3400	3400	3400	3400	3000	2500	2500	2500	2100	1800	1700	1600
	.10	3100	3100	3100	3100	2700	2200	2200	2200	1800	1500	1400	1200
.10	.90	4400	4400	4400	4400	4200	3500	3400	3100	3000	3000	2700	2200
	.50	3700	3700	3700	3700	3500	3400	3400	3100	3000	2900	2500	2100
	.10	3400	3400	3400	3400	3100	2700	2700	2500	2100	1800	1700	1600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3400	3400	3400	3400	3100	2600	2600	2600	2200	1900	1800	1700
	.50	3300	3300	3300	3300	3000	2500	2500	2500	2100	1800	1700	1400
	.10	3000	3000	3000	3000	2700	2200	2200	2200	1800	1500	1400	1200
	.90	3600	3600	3500	3500	3100	3100	2600	2600	2200	2100	1900	1800
	.50	3400	3400	3400	3400	3000	3000	2500	2500	2100	1800	1700	1700
	.10	3100	3100	3100	3100	2800	2700	2200	2200	1800	1500	1400	1400
	.90	4500	4500	4500	4400	4400	3600	3500	3300	3000	3000	3000	2600
	.50	3800	3800	3800	3700	3700	3400	3200	3100	2900	2900	2900	2400
	.10	3300	3300	3100	3100	3100	2900	2800	2800	2600	2600	2600	2100
5100	.90	3500	3500	3500	3500	3100	3100	2600	2600	2200	1900	1800	1800
	.50	3400	3400	3400	3400	3000	3000	2500	2500	2100	1800	1700	1600
	.10	3100	3100	3100	3100	2800	2700	2200	2200	1800	1500	1400	1200
	.90	3600	3600	3500	3500	3200	3100	3100	2600	2400	2100	1900	1800
	.50	3400	3400	3400	3400	3100	3000	2900	2500	2100	1800	1800	1700
	.10	3100	3100	3100	3100	2900	2800	2500	2200	1800	1500	1400	1400
	.90	4500	4500	4500	4400	4400	4200	3500	3300	3000	3000	3000	3000
	.50	3800	3800	3800	3700	3700	3500	3400	3100	2900	2900	2900	2900
	.10	3400	3400	3100	3100	3100	2900	2800	2800	2600	2600	2600	2600
5200	.90	3500	3500	3500	3500	3100	3100	2700	2600	2200	1900	1800	1800
	.50	3400	3400	3400	3400	3000	3000	2700	2500	2100	1800	1700	1700
	.10	3100	3100	3100	3100	2800	2800	2500	2200	1800	1500	1400	1400
	.90	3700	3700	3500	3500	3300	3100	3100	2900	2400	2100	1900	1800
	.50	3500	3400	3400	3400	3200	3000	3000	2500	2300	1900	1800	1700
	.10	3200	3100	3100	3100	2900	2800	2700	2200	2100	1500	1400	1400
	.90	4500	4500	4500	4400	4200	4200	3500	3500	3100	3000	3000	3000
	.50	3800	3800	3800	3700	3700	3500	3400	3200	2900	2900	2900	2900
	.10	3400	3400	3100	3100	3100	2900	2800	2800	2600	2600	2600	2600
5300	.90	3500	3500	3500	3500	3200	3100	3100	2800	2400	2100	1900	1800
	.50	3400	3400	3400	3400	3100	3000	3000	2800	2600	2600	2600	2600
	.10	3100	3100	3100	3100	2900	2800	2700	2200	2100	1500	1400	1400
	.90	4600	4600	4600	4400	4200	4200	3500	3500	3100	3000	3000	3000
	.50	3800	3800	3800	3700	3700	3500	3400	3200	2900	2900	2900	2900
	.10	3200	3100	3100	3100	2900	2800	2800	2700	2600	2600	2600	2600
	.90	4600	4600	4600	4400	4200	4200	3600	3500	3100	3000	3000	3000
	.50	4100	4100	3900	3900	3700	3500	3400	3200	3000	2900	2900	2900
	.10	3800	3800	3400	3100	3100	3000	3000	2900	2600	2600	2600	2600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3600	3500	3500	3500	3300	3100	3100	3100	2400	2100	1900	1800
	.50	3500	3400	3400	3400	3200	3000	3000	3000	2300	1800	1800	1700
	.10	3200	3100	3100	3100	2900	2800	2800	2700	2100	1500	1400	1400
	.90	3800	3800	3500	3500	3500	3200	3100	3100	3000	2600	2200	1900
	.50	3600	3400	3400	3400	3200	3100	3000	3000	2900	2500	2000	1800
	.10	3300	3100	3100	3100	3000	2900	2800	2800	2600	2200	1700	1500
	.90	4600	4600	4600	4400	4300	4200	3600	3500	3100	3000	3000	3000
	.50	4200	4200	4200	3900	3700	3600	3400	3400	3000	2900	2900	2900
	.10	3900	3900	3900	3500	3100	3000	2900	2900	2600	2600	2600	2600
5500	.90	3600	3500	3500	3500	3300	3200	3100	3100	2500	2100	1900	1800
	.50	3500	3400	3400	3400	3200	3100	3000	3000	2300	2000	1800	1700
	.10	3200	3100	3100	3100	3000	2900	2800	2800	2100	1600	1500	1400
	.90	3900	3900	3500	3500	3500	3200	3100	3100	3000	3000	2600	2200
	.50	3600	3600	3400	3400	3400	3100	3000	3000	2900	2900	2500	2000
	.10	3300	3300	3100	3100	3100	2900	2800	2800	2600	2600	2200	1700
	.90	4700	4700	4700	4400	4300	4200	3900	3500	3100	3000	3000	3000
	.50	4200	4200	4200	4200	3800	3600	3500	3400	3000	2900	2900	2900
	.10	3900	3900	3900	3900	3100	3100	3000	2900	2700	2600	2600	2600
5600	.90	3700	3500	3500	3500	3500	3200	3100	3100	3000	2600	2200	1900
	.50	3600	3400	3400	3400	3200	3100	3000	3000	2900	2500	2000	1800
	.10	3300	3100	3100	3100	3000	2900	2800	2800	2600	2200	1700	1500
	.90	3900	3900	3700	3500	3500	3300	3200	3100	3000	3000	3000	2600
	.50	3700	3600	3400	3400	3400	3200	3100	3000	2900	2900	2900	2300
	.10	3400	3300	3100	3100	3100	2900	2900	2800	2600	2600	2600	2100
	.90	4700	4700	4700	4400	4400	4200	4000	3500	3100	3000	3000	3000
	.50	4600	4300	4300	4300	4000	3600	3500	3400	3000	2900	2900	2900
	.10	4300	4000	4000	4000	3600	3100	3000	2900	2700	2600	2600	2600
5700	.90	3700	3700	3500	3500	3500	3300	3200	3100	3000	3000	2600	2200
	.50	3600	3600	3400	3400	3400	3100	3100	3000	2900	2900	2500	2000
	.10	3300	3300	3100	3100	3100	2900	2900	2800	2600	2600	2500	2000
	.90	4800	4800	4800	4800	4400	4200	4000	3500	3100	3000	3000	2900
	.50	4700	4700	4300	4300	4300	3600	3500	3400	3000	2900	2900	2900
	.10	4400	4400	4000	4000	4000	3100	3000	2900	2600	2600	2600	2600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- PINK:  
 SPawning MONTH - OCTOBER INCUBATION MONTH - APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3800	3700	3500	3500	3500	3300	3200	3200	3000	3000	3000	2600
	.50	3700	3600	3400	3400	3400	3200	3100	3100	2900	2900	2900	2300
	.10	3400	3300	3100	3100	3100	3000	2900	2900	2600	2600	2600	2100
	.90	4200	4200	4000	3800	3500	3500	3500	3200	3000	3000	3000	3000
	.50	4100	4100	3700	3400	3400	3200	3100	3100	2900	2900	2900	2900
	.10	3800	3800	3400	3100	3100	3000	2900	2900	2600	2600	2600	2600
	.90	5200	5200	5200	4800	4400	4400	4200	4000	3200	3000	3000	3000
	.50	4700	4700	4500	4500	4300	4100	3600	3500	3000	2900	2900	2900
	.10	4400	4400	4000	4000	4000	3400	3100	3000	2800	2600	2600	2600
	.90	3800	3800	3600	3500	3500	3300	3200	3200	3200	3000	3000	3000
5900	.50	3700	3700	3400	3400	3400	3200	3100	3100	2900	2900	2900	2900
	.10	3400	3400	3100	3100	3100	3000	2900	2900	2600	2600	2600	2600
	.90	4300	4300	4300	4000	3600	3500	3300	3200	3100	3000	3000	3000
	.50	4200	4200	4200	3700	3400	3300	3200	3100	2900	2900	2900	2900
	.10	3900	3900	3900	3400	3100	3000	2900	2900	2600	2600	2600	2600
	.90	5200	5200	5200	5200	5200	4900	4500	4200	3200	3000	3000	3000
	.50	4700	4700	4500	4500	4500	4400	4400	4000	3100	2900	2900	2900
	.10	4400	4400	4100	4100	4100	3700	3400	3100	2800	2600	2600	2600
	.90	4200	4200	3800	3500	3500	3300	3200	3200	3000	3000	3000	3000
	.50	4100	4100	3700	3400	3400	3200	3100	3100	2900	2900	2900	2900
6000	.10	3800	3800	3400	3100	3100	3000	2900	2900	2600	2600	2600	2600
	.90	4300	4300	4300	4300	3900	3500	3500	3300	3100	3000	3000	3000
	.50	4200	4200	4200	4200	3900	3400	3200	3200	2900	2900	2900	2900
	.10	3800	3800	3400	3100	3100	3000	2900	2900	2600	2600	2600	2600
	.90	4300	4300	4300	4300	3900	3500	3500	3300	3100	3000	3000	3000
	.50	4200	4200	4200	4200	3900	3400	3200	3200	2900	2900	2900	2900
	.10	3900	3900	3900	3900	3100	3100	3000	3000	2700	2600	2600	2600
	.90	5200	5200	5200	5200	5200	5200	4800	4500	3300	3000	3000	3000
	.50	4700	4700	4500	4500	4500	4500	4400	4400	3200	2900	2900	2900
	.10	4400	4400	4100	4100	4100	3700	3400	3400	2900	2600	2600	2600
6100	.90	4300	4300	4300	3800	3500	3500	3300	3200	3000	3000	3000	3000
	.50	4200	4200	4200	3700	3400	3200	3200	3100	2900	2900	2900	2900
	.10	3900	3900	3900	3400	3100	3000	2900	2900	2600	2600	2600	2600
	.90	4700	4700	4700	4700	4700	4500	4400	4400	3200	2900	2900	2900
	.50	4400	4400	4100	4100	4100	3700	3400	3400	2900	2600	2600	2600
	.10	4300	4300	4300	3800	3500	3500	3300	3200	3000	3000	3000	3000
	.90	4200	4200	4200	3700	3400	3200	3200	3100	2900	2900	2900	2900
	.50	3900	3900	3900	3400	3100	3000	2900	2900	2600	2600	2600	2600
	.10	4700	4400	4400	4400	4100	4100	3500	3500	3100	3000	3000	3000
	.90	4600	4300	4300	4300	3800	3400	3200	3200	3000	2900	2900	2900
6200	.50	4300	4000	4000	4000	3500	3100	3000	2900	2700	2600	2600	2600
	.10	5200	5200	5200	5200	5200	5200	5200	4600	3500	3000	3000	3000
	.90	4700	4700	4700	4500	4500	4500	4500	4500	3200	2900	2900	2900
	.50	4400	4400	4400	4400	4400	4000	3400	3400	2900	2600	2600	2600
	.10	4300	4300	4300	4300	3800	3400	3200	3100	2900	2900	2900	2900
	.90	4200	4200	4200	4200	4200	3800	3500	3500	3100	3000	3000	3000
	.50	3900	3900	3900	3400	3100	3000	2900	2900	2600	2600	2600	2600
	.10	4700	4700	4700	4700	4500	4500	4500	4500	3200	2900	2900	2900
	.90	4600	4300	4300	4300	3800	3400	3200	3200	3000	2900	2900	2900
	.50	4300	4000	4000	4000	3500	3100	3000	2900	2700	2600	2600	2600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	4300	4300	4300	4300	3500	3500	3300	3200	3100	3000	3000	3000
	.50	4200	4200	4200	4200	3400	3400	3200	3100	3000	2900	2900	2900
	.10	3900	3900	3900	3900	3100	3100	3000	2900	2700	2600	2600	2600
	.90	4800	4800	4400	4400	4400	3600	3500	3300	3100	3000	3000	3000
	.50	4700	4700	4300	4300	4300	3400	3400	3200	3000	2900	2900	2900
	.10	4400	4400	4000	4000	4000	3100	3000	3000	2700	2600	2600	2600
	.90	5200	5200	5200	5200	5200	5200	5200	4800	3500	3100	3000	3000
	.50	4700	4700	4700	4500	4500	4500	4500	4500	3400	3000	2900	2900
	.10	4400	4400	4200	4200	4200	4200	3600	3400	3000	2600	2600	2600
6300	.90	4700	4400	4400	4400	3900	3500	3300	3300	3100	3000	3000	3000
	.50	4600	4300	4300	4300	3800	3400	3200	3200	3000	2900	2900	2900
	.10	4300	4000	4000	4000	3500	3100	3000	2900	2700	2600	2600	2600
	.90	4800	4800	4400	4400	4400	3600	3500	3500	3100	3000	3000	3000
	.50	4700	4700	4400	4400	4300	3400	3400	3200	3000	2900	2900	2900
	.10	4400	4400	4000	4000	4000	3100	3000	2900	2700	2600	2600	2600
	.90	5200	5200	5200	5200	5200	5200	5200	5200	3600	3100	3000	3000
	.50	4700	4700	4700	4500	4500	4500	4500	4500	3400	3000	2900	2900
	.10	4400	4400	4200	4200	4200	4200	3800	3400	3000	2600	2600	2600
6400	.90	4800	4800	4400	4400	4400	3900	3400	3400	3000	2900	2900	2900
	.50	4700	4700	4400	4400	4400	3600	3400	3200	3000	2900	2900	2900
	.10	4400	4400	4100	4100	4100	3100	3100	3000	2800	2600	2600	2600
	.90	5600	5600	5600	5600	5200	5200	5200	5200	3600	3100	3000	3000
	.50	4900	4900	4900	4900	4700	4500	4500	4500	3400	3000	2900	2900
	.10	4400	4400	4400	4200	4200	4200	3900	3800	3100	2700	2600	2600
	.90	4800	4800	4400	4400	4400	3600	3500	3300	3100	3000	3000	3000
	.50	4700	4700	4300	4300	4300	3400	3400	3200	2900	2900	2900	2900
	.10	4400	4400	4000	4000	4000	3100	3100	3000	2800	2600	2600	2600
	.90	5700	5600	5600	5600	5600	5200	5200	5200	3600	3100	3000	3000
	.50	5600	4900	4900	4900	4900	4500	4500	4500	3600	3000	2900	2900
	.10	5300	4400	4400	4200	4200	4200	4200	3800	3100	2800	2600	2600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING MUA - PINK:  
 SPANNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	.90	4800	4800	4500	4500	4000	3500	3500	3100	3000	3000	3000
	.50	.50	4700	4700	4400	4400	3900	3400	3400	3000	2900	2900	2900
	.10	.10	4400	4400	4100	4100	3600	3100	3100	2800	2600	2600	2600
	.90	.90	4800	4800	4600	4600	4400	4100	3600	3200	3000	3000	3000
	.50	.50	4700	4700	4500	4500	4200	3700	3400	3000	2900	2900	2900
	.10	.10	4400	4400	4200	4200	3900	3100	3100	2800	2600	2600	2600
	.90	.90	5700	5600	5600	5600	5600	5200	5200	4400	3200	3000	3000
	.50	.50	5600	5300	4900	4900	4900	4500	4500	4300	3100	2900	2900
	.10	.10	5300	5000	4400	4200	4200	4200	3800	3400	2800	2600	2600
6700	.90	.90	4800	4800	4500	4500	4100	3600	3500	3100	3000	3000	3000
	.50	.50	4700	4700	4400	4400	4000	3400	3400	3000	2900	2900	2900
	.10	.10	4400	4400	4100	4100	3700	3100	3100	2800	2600	2600	2600
	.90	.90	4800	4800	4600	4600	4600	4400	4200	3200	3000	3000	3000
	.50	.50	4700	4700	4500	4500	4500	3800	3600	3100	2900	2900	2900
	.10	.10	4400	4400	4200	4200	4200	3600	3100	2800	2600	2600	2600
	.90	.90	5700	5700	5600	5600	5600	5200	5200	4600	3200	3000	3000
	.50	.50	5600	5600	4900	4900	4900	4500	4500	4500	3100	2900	2900
	.10	.10	5300	5300	4400	4400	4200	4200	4000	3400	2800	2600	2600
6800	.90	.90	4800	4800	4600	4600	4300	3600	3500	3200	3000	3000	3000
	.50	.50	4700	4700	4500	4500	4200	3400	3400	3000	2900	2900	2900
	.10	.10	4400	4400	4200	4200	3900	3100	3100	2800	2600	2600	2600
	.90	.90	4800	4800	4600	4600	4600	4400	4200	3200	3000	3000	3000
	.50	.50	4700	4700	4500	4500	4500	3900	3700	3100	2900	2900	2900
	.10	.10	4400	4400	4200	4200	4200	3700	3100	2900	2600	2600	2600
	.90	.90	5800	5800	5600	5600	5600	5500	5200	4600	3200	3000	3000
	.50	.50	5700	5700	5400	4900	4900	4900	4500	4500	3100	2900	2900
	.10	.10	5400	5400	5100	4400	4200	4200	4200	3400	2900	2600	2600
6900	.90	.90	4800	4800	4600	4600	4600	3900	3600	3200	3000	3000	3000
	.50	.50	4700	4700	4500	4500	4500	3800	3400	3100	2900	2900	2900
	.10	.10	4400	4400	4200	4200	4200	3700	3100	2900	2600	2600	2600
	.90	.90	4800	4800	4600	4600	4600	4400	4200	3200	3000	3000	3000
	.50	.50	4700	4700	4500	4500	4500	3900	3700	3100	2900	2900	2900
	.10	.10	4400	4400	4200	4200	4200	3700	3100	2900	2600	2600	2600
	.90	.90	5800	5800	5600	5600	5600	5500	5200	4600	3200	3000	3000
	.50	.50	5700	5700	5400	4900	4900	4900	4500	4500	3100	2900	2900
	.10	.10	5400	5400	5100	4400	4200	4200	4200	3400	2900	2600	2600
	.90	.90	4800	4800	4600	4600	4600	3900	3600	3200	3000	3000	3000
	.50	.50	4700	4700	4500	4500	4500	3800	3400	3100	2900	2900	2900
	.10	.10	4400	4400	4200	4200	4200	3700	3100	2900	2600	2600	2600
	.90	.90	5800	5800	5600	5600	5600	5600	5200	4600	3200	3000	3000
	.50	.50	5700	5700	5400	4900	4900	4900	4500	4500	3100	2900	2900
	.10	.10	5400	5400	5100	4400	4200	4200	4200	3400	2900	2600	2600
	.90	.90	4800	4800	4600	4600	4600	3900	3600	3200	3000	3000	3000
	.50	.50	4700	4700	4500	4500	4500	3800	3400	3100	2900	2900	2900
	.10	.10	4400	4400	4200	4200	4200	3700	3100	2900	2600	2600	2600
	.90	.90	5800	5800	5600	5600	5600	5600	5200	4600	3200	3000	3000
	.50	.50	5700	5700	5400	4900	4900	4900	4500	4500	3100	2900	2900
	.10	.10	5400	5400	5100	4400	4200	4200	4200	3400	2900	2600	2600

TABLE 2. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - PINK:  
 SPAWNING MONTH - OCTOBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		4800	4800	4600	4600	4600	4200	3600	3200	3000	3000	3000
	.50		4700	4700	4500	4500	4500	3900	3400	3100	2900	2900	2900
	.10		4400	4400	4200	4200	4200	3700	3100	2900	2600	2600	2600
	.90	.50	5700	4800	4600	4600	4600	4600	4400	3300	3100	3000	3000
	.50	.10	5600	4700	4500	4500	4500	4500	3800	3200	2900	2900	2900
	.10	.90	5300	4400	4200	4200	4200	4200	3600	2900	2600	2600	2600
	.90	.50	5900	5900	5600	5600	5600	5600	5200	4600	3300	3100	3000
	.50	.10	5800	5800	5400	4900	4900	4900	4700	4500	3200	3000	2900
	.10		5500	5500	5100	4400	4200	4200	4200	3400	2900	2600	2600

.07.45.43LP, 5.845, , GDNR002, TH, 00

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM:  
 SPAWNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	700	600	500	500	300	200	100	100	0	0	0	0
	.50	300	200	100	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1300	1200	1200	1200	1000	900	800	600	300	200	0
	.50	500	500	300	300	200	100	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	3400	3400	3200	3200	3200	2600	2600	2600	2500	1700	1700	1400
	.50	2000	2000	1800	1800	1800	1300	1300	1300	1200	500	300	200
	.10	800	700	600	400	200	100	100	100	0	0	0	0
1500	.90	700	700	600	500	400	200	200	100	0	0	0	0
	.50	300	300	200	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1200	1200	1200	1000	900	600	400	200	100
	.50	600	500	400	300	200	100	0	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	4500	3400	3400	3200	3200	3200	2600	2600	2500	1700	1700	1400
	.50	3100	2000	2000	1800	1800	1800	1300	1300	1200	500	400	300
	.10	1400	700	700	600	400	200	100	100	0	0	0	0
1600	.90	700	700	600	600	500	300	200	200	0	0	0	0
	.50	400	300	300	200	100	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1300	1200	1200	1100	900	600	400	300	100
	.50	800	600	500	400	300	100	100	0	0	0	0	0
	.10	400	200	100	0	0	0	0	0	0	0	0	0
	.90	4600	4600	3400	3400	3200	3200	2600	2600	2500	1700	1700	1500
	.50	3200	3200	2000	2000	1800	1800	1300	1300	1200	600	500	300
	.10	1500	1500	700	700	400	300	200	100	0	0	0	0
1700	.90	900	700	700	600	500	400	300	200	0	0	0	0
	.50	500	300	300	200	100	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1300	1200	1200	1200	1100	700	500	400	200
	.50	800	600	500	400	300	100	100	0	0	0	0	0
	.10	400	200	100	0	0	0	0	0	0	0	0	0
	.90	4600	4600	3400	3400	3200	3200	2600	2600	2500	1700	1700	1500
	.50	3200	3200	2000	2000	1800	1800	1300	1300	1200	600	500	300
	.10	1500	1500	700	700	400	300	200	100	0	0	0	0
1800	.90	900	700	700	600	500	400	300	200	0	0	0	0
	.50	500	300	300	200	100	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1300	1200	1200	1200	1100	700	500	400	200
	.50	800	600	500	400	300	100	100	0	0	0	0	0
	.10	400	200	100	0	0	0	0	0	0	0	0	0
	.90	4600	4600	3400	3600	3400	3200	3200	2600	2500	1900	1700	1500
	.50	3200	3200	2200	2000	2000	1800	1800	1300	1300	800	500	300
	.10	1500	1500	700	700	400	400	200	200	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM: SPawning MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	900	900	700	700	500	400	300	200	0	0	0	0
	.50	600	500	300	300	100	0	0	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	1700	1400	1400	1300	1300	1200	1200	1200	800	600	400	200
	.50	800	700	500	500	300	200	100	100	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	4600	4600	4600	3600	3400	3200	3200	3100	2500	2400	1700	1700
	.50	3200	3200	3200	2200	2000	1800	1800	1800	1300	1000	500	500
	.10	1500	1500	1500	900	700	500	400	300	0	0	0	0
1900	.90	900	900	700	700	600	500	400	300	100	0	0	0
	.50	600	500	400	300	200	0	0	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	1700	1700	1400	1300	1300	1200	1200	1200	800	600	400	300
	.50	900	800	600	500	400	200	100	100	0	0	0	0
	.10	500	400	200	100	0	0	0	0	0	0	0	0
	.90	4700	4700	4700	4700	3400	3400	3200	3200	2500	2400	1700	1700
	.50	3300	3300	3300	3300	2000	2000	1800	1800	1300	1100	600	500
	.10	1600	1600	1600	1600	700	600	400	300	100	0	0	0
2000	.90	1000	900	800	700	600	500	400	400	100	0	0	0
	.50	600	500	400	300	200	100	0	0	0	0	0	0
	.10	300	200	100	0	0	0	0	0	0	0	0	0
	.90	1700	1700	1700	1700	1300	1300	1200	1200	900	600	500	400
	.50	1000	1000	800	600	500	300	200	100	0	0	0	0
	.10	700	600	400	200	0	0	0	0	0	0	0	0
	.90	4700	4700	4700	4700	3600	3400	3200	3200	2600	2400	1700	1700
	.50	3300	3300	3300	3300	2200	2000	1900	1800	1300	1200	600	500
	.10	1600	1600	1600	1600	700	600	500	400	100	0	0	0
2100	.90	1200	1000	900	800	700	600	500	400	200	0	0	0
	.50	800	600	500	400	300	100	0	0	0	0	0	0
	.10	400	200	100	0	0	0	0	0	0	0	0	0
	.90	1700	1700	1700	1700	1400	1300	1300	1200	1000	700	600	400
	.50	1100	1000	800	800	500	400	300	200	0	0	0	0
	.10	700	700	400	400	100	0	0	0	0	0	0	0
	.90	4800	4800	4800	4800	3600	3400	3400	3200	2600	2500	1800	1700
	.50	3400	3400	3400	3400	2200	2000	2000	1900	1300	1200	800	500
	.10	1700	1700	1700	1700	800	700	600	500	100	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM;  
 SPAWNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1200	1000	900	800	700	600	500	400	200	0	0	0
	.50	800	600	500	400	300	100	100	0	0	0	0	0
	.10	500	200	100	0	0	0	0	0	0	0	0	0
	.90	1700	1700	1700	1700	1700	1400	1300	1300	1200	800	600	500
	.50	1200	1100	1000	800	600	500	400	300	100	0	0	0
	.10	900	700	600	400	200	0	0	0	0	0	0	0
	.90	4800	4800	4800	4800	3600	3600	3400	3200	2600	2500	2000	1700
	.50	3400	3400	3400	3400	2200	2200	2000	2000	1300	1200	1000	600
	.10	1700	1700	1700	1700	900	700	600	600	200	0	0	0
2300	.90	1200	1100	900	900	800	700	600	500	300	100	0	0
	.50	800	800	500	500	300	200	100	0	0	0	0	0
	.10	500	400	200	100	0	0	0	0	0	0	0	0
	.90	2600	2600	1700	1700	1700	1600	1400	1300	1200	900	600	600
	.50	1200	1200	1000	1000	700	500	500	400	100	0	0	0
	.10	900	700	700	600	300	0	0	0	0	0	0	0
	.90	4900	4900	4900	4900	4900	3600	3400	3400	2600	2500	2400	1700
	.50	3500	3500	3500	3500	3500	2200	2000	2000	1600	1300	1000	600
	.10	1800	1800	1800	1800	1800	700	700	600	300	0	0	0
2400	.90	1400	1200	1200	1000	800	800	700	600	400	100	0	0
	.50	1000	800	600	500	300	200	100	100	0	0	0	0
	.10	700	500	300	200	0	0	0	0	0	0	0	0
	.90	2600	2600	1700	1700	1700	1700	1400	1400	1200	900	700	600
	.50	1200	1200	1200	1000	800	500	500	500	100	0	0	0
	.10	900	900	700	600	400	100	0	0	0	0	0	0
	.90	4900	4900	4900	4900	4900	3600	3400	3400	3100	2500	2400	1700
	.50	3500	3500	3500	3500	3500	2200	2000	2000	1800	1300	1100	800
	.10	1800	1800	1800	1800	1800	800	700	600	300	100	0	0
2500	.90	1400	1400	1200	1200	900	800	700	700	400	200	0	0
	.50	1000	1000	800	600	400	300	100	100	0	0	0	0
	.10	700	700	400	200	0	0	0	0	0	0	0	0
	.90	2600	2600	2600	1700	1700	1700	1700	1400	1300	1000	800	600
	.50	1200	1200	1200	1100	900	600	500	500	200	0	0	0
	.10	900	900	700	700	400	200	0	0	0	0	0	0
	.90	5000	5000	5000	5000	5000	3600	3600	3400	3100	2500	2400	1700
	.50	3600	3600	3600	3600	3600	2200	2200	2000	1800	1300	1200	800
	.10	1900	1900	1900	1900	1900	900	700	700	400	100	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1600	1400	1200	1200	1100	900	800	700	500	200	100	0
	.50	1200	1000	900	800	500	300	200	100	0	0	0	0
	.10	900	700	600	400	100	0	0	0	0	0	0	0
	.90	2600	2600	2600	1700	1700	1700	1700	1700	1300	1200	900	600
	.50	1200	1200	1200	1200	1000	800	600	500	300	0	0	0
	.10	900	900	700	700	500	200	100	0	0	0	0	0
	.90	5000	5000	5000	5000	5000	3600	3600	3400	3200	2500	2400	2000
	.50	3600	3600	3600	3600	3600	2200	2200	2000	1800	1300	1200	1000
	.10	1900	1900	1900	1900	1900	1400	800	700	500	100	0	0
2700	.90	1600	1500	1400	1200	1200	900	900	800	600	300	100	0
	.50	1200	1100	1000	800	600	300	300	200	0	0	0	0
	.10	900	700	700	400	200	0	0	0	0	0	0	0
	.90	2600	2600	2600	2600	1700	1700	1700	1700	1400	1200	900	700
	.50	1600	1200	1200	1200	1000	800	600	500	300	100	0	0
	.10	1200	900	800	700	600	400	200	100	0	0	0	0
	.90	5100	5100	5100	5100	5100	4300	3600	3600	3200	2500	2500	2000
	.50	3700	3700	3700	3700	3700	2900	2200	2200	1800	1300	1200	1000
	.10	2000	2000	2000	2000	2000	1400	900	700	500	200	0	0
2800	.90	1600	1600	1400	1400	1200	1100	900	900	600	400	200	100
	.50	1200	1200	1000	1000	800	400	300	200	0	0	0	0
	.10	900	900	700	600	400	0	0	0	0	0	0	0
	.90	2600	2600	2600	2600	1700	1700	1700	1700	1400	1200	1100	800
	.50	1700	1200	1200	1200	1100	900	800	600	500	100	0	0
	.10	1300	900	800	700	600	400	200	100	0	0	0	0
	.90	5100	5100	5100	5100	5100	4300	3600	3600	3200	2500	2500	2000
	.50	3700	3700	3700	3700	3700	2900	2200	2200	1800	1300	1200	1000
	.10	2000	2000	2000	2000	2000	1400	900	700	500	200	0	0
2900	.90	1600	1600	1400	1400	1200	1100	900	900	600	400	200	100
	.50	1200	1200	1000	1000	800	400	300	200	0	0	0	0
	.10	900	900	700	600	400	0	0	0	0	0	0	0
	.90	2600	2600	2600	2600	1700	1700	1700	1700	1400	1200	1100	800
	.50	1700	1200	1200	1200	1100	900	800	600	500	100	0	0
	.10	1300	900	800	700	600	400	200	100	0	0	0	0
	.90	5100	5100	5100	5100	5100	4300	3600	3600	3200	2600	2500	2400
	.50	3700	3700	3700	3700	3700	3700	2200	2200	1900	1300	1200	1000
	.10	2000	2000	2000	2000	2000	2000	1200	800	600	200	0	0
2900	.90	1600	1600	1400	1400	1200	1200	1000	1000	700	400	200	100
	.50	1200	1200	1000	1000	800	500	400	300	0	0	0	0
	.10	900	900	700	700	400	100	0	0	0	0	0	0
	.90	3200	2600	2600	2600	1700	1700	1700	1700	1400	1200	1200	900
	.50	1800	1700	1200	1200	1200	1000	800	700	500	200	0	0
	.10	1300	1300	900	700	700	400	300	200	0	0	0	0
	.90	5200	5200	5200	5200	5200	5200	4100	3600	3200	2600	2500	2400
	.50	3800	3800	3800	3800	3800	3800	2700	2200	1900	1300	1300	1200
	.10	2100	2100	2100	2100	2100	2100	1400	1000	600	300	100	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1600	1600	1500	1400	1300	1200	1200	1000	700	500	300	200
	.50	1200	1200	1100	1000	800	600	500	300	0	0	0	0
	.10	900	900	700	700	400	200	0	0	0	0	0	0
	.90	3200	3200	2600	2600	2500	1700	1700	1700	1500	1300	1200	900
	.50	1800	1800	1800	1300	1200	1000	1000	800	500	200	100	0
	.10	1500	1400	900	800	700	400	400	200	0	0	0	0
	.90	5200	5200	5200	5200	5200	5200	4300	3600	3200	2600	2500	2400
	.50	3800	3800	3800	3800	3800	3800	2900	2200	1900	1300	1300	1200
	.10	2100	2100	2100	2100	2100	2100	1400	1200	600	300	100	0
3100	.90	1600	1600	1500	1400	1400	1200	1200	1200	800	600	400	200
	.50	1200	1200	1100	1000	1000	700	500	400	100	0	0	0
	.10	900	900	700	700	600	300	100	0	0	0	0	0
	.90	3200	3200	3200	2600	2600	2200	1700	1700	1700	1300	1200	1200
	.50	1900	1800	1800	1800	1200	1200	1000	1000	500	300	100	0
	.10	1600	1400	900	800	700	600	400	200	0	0	0	0
	.90	5200	5200	5200	5200	5200	5200	4300	3700	3200	2600	2500	2400
	.50	3800	3800	3800	3800	3800	3800	2900	2500	2000	1300	1300	1200
	.10	2100	2100	2100	2100	2100	1600	1600	1200	700	400	100	0
3200	.90	2000	1600	1600	1500	1400	1300	1200	1200	900	600	400	300
	.50	1600	1200	1200	1100	1000	800	600	500	100	0	0	0
	.10	1200	900	800	700	600	400	200	100	0	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2200	1700	1700	1400	1200	1200
	.50	2000	1900	1800	1800	1300	1200	1200	1000	500	300	100	0
	.10	1700	1600	1400	900	700	600	400	400	0	0	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4200	3200	2600	2500	2500
	.50	3900	3900	3900	3900	3900	3900	3900	2800	2000	1600	1300	1200
	.10	2200	2200	2200	2200	2200	2200	2200	1400	700	400	100	0
3300	.90	2100	1700	1600	1500	1400	1300	1200	1200	900	700	500	400
	.50	1700	1200	1200	1100	1000	800	600	500	200	0	0	0
	.10	1300	900	900	700	700	400	200	100	0	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2500	2000	1700	1400	1300	1200
	.50	2200	2000	1800	1800	1300	1300	1200	1200	600	500	200	100
	.10	1800	1700	1400	900	700	700	400	400	0	0	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3200	2600	2500	2500
	.50	3900	3900	3900	3900	3900	3900	3900	2900	2000	1800	1300	1200
	.10	2200	2200	2200	2200	2200	2200	2200	1400	700	400	100	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3200	2600	2500	2500
	.50	3900	3900	3900	3900	3900	3900	3900	2900	2000	1800	1300	1200
	.10	2200	2200	2200	2200	2200	2200	2200	1400	700	500	200	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2200	2100	1600	1600	1400	1300	1300	1200	1000	700	600	400
	.50	1800	1700	1200	1200	1000	800	700	600	200	0	0	0
	.10	1500	1300	900	800	700	400	400	200	0	0	0	0
	.90	3200	3200	3200	3200	2600	2600	2500	2400	1700	1500	1300	1200
	.50	2200	2000	1800	1800	1800	1300	1300	1200	800	500	300	100
	.10	1800	1700	1400	1400	800	700	600	400	0	0	0	0
	.90	5400	5400	5400	5400	5400	5400	5400	4300	3200	2600	2500	2500
	.50	4000	4000	4000	4000	4000	4000	4000	2900	2000	1800	1300	1300
	.10	2300	2300	2300	2300	2300	2300	2300	1600	700	500	200	0
3500	.90	2300	2200	1700	1700	1500	1400	1300	1300	1100	800	600	500
	.50	1900	1800	1200	1200	1000	900	800	600	300	0	0	0
	.10	1600	1400	900	800	700	500	400	200	0	0	0	0
	.90	3200	3200	3200	3200	2600	2600	2500	2500	1700	1600	1400	1300
	.50	2300	2000	1800	1800	1800	1300	1300	1200	900	500	300	200
	.10	1900	1700	1500	1400	800	700	600	400	100	0	0	0
	.90	5400	5400	5400	5400	5400	5400	5400	4300	3300	2700	2500	2500
	.50	4000	4000	4000	4000	4000	4000	4000	2900	2100	1800	1300	1300
	.10	2300	2300	2300	2300	2300	2300	2300	1800	800	600	300	0
3600	.90	2400	2300	1700	1700	1700	1400	1400	1300	1200	900	600	600
	.50	2000	1900	1200	1200	1100	1000	800	700	300	0	0	0
	.10	1700	1600	900	900	700	600	400	300	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2500	2500	1700	1700	1400	1300
	.50	2300	2000	1900	1800	1800	1300	1300	1300	1000	500	300	200
	.10	1900	1700	1600	1400	900	700	700	600	100	0	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	4900	3600	3100	2500	2500
	.50	4100	4100	4100	4100	4100	4100	4100	3500	2200	1800	1300	1300
	.10	2600	2400	2400	2400	2400	2400	2400	2100	900	600	300	100
3700	.90	2400	2400	2200	1700	1700	1600	1400	1400	1200	900	700	600
	.50	2000	2000	1800	1200	1100	1000	800	800	400	0	0	0
	.10	1700	1700	1400	900	700	600	400	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2500	2500	1700	1700	1400	1300
	.50	2400	2000	1900	1800	1800	1800	1300	1300	1000	500	400	300
	.10	2100	1700	1600	1400	900	700	700	600	100	0	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	3600	3100	2600	2500
	.50	4100	4100	4100	4100	4100	4100	4100	4100	2200	1800	1300	1300
	.10	2600	2400	2400	2400	2400	2400	2400	2100	900	600	300	100
	.90	2400	2400	2200	1700	1700	1600	1400	1400	1200	900	700	600
	.50	2000	2000	1800	1200	1100	1000	800	800	400	0	0	0
	.10	1700	1700	1400	900	700	600	400	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2500	2500	1700	1700	1400	1300
	.50	2400	2000	1900	1800	1800	1800	1300	1300	1000	500	400	300
	.10	2100	1700	1600	1400	900	700	700	600	100	0	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	3600	3100	2600	2500
	.50	4100	4100	4100	4100	4100	4100	4100	4100	2200	1800	1300	1300
	.10	2600	2400	2400	2400	2400	2400	2400	2100	900	600	300	100
	.90	2400	2400	2200	1700	1700	1600	1400	1400	1200	900	700	600
	.50	2000	2000	1800	1200	1100	1000	800	800	400	0	0	0
	.10	1700	1700	1400	900	700	600	400	400	0	0	0	0

PAGE 202

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM:  
 SPAWNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2600	2400	2200	2200	1700	1700	1500	1400	1200	1000	800	600
	.50	2200	2000	1800	1800	1200	1000	900	800	500	100	0	0
	.10	1800	1700	1400	1400	800	700	500	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2600	2500	2200	1700	1500	1400
	.50	2400	2000	2000	1800	1800	1800	1300	1300	1200	600	500	300
	.10	2100	1700	1700	1400	1100	700	700	600	100	0	0	0
	.90	5600	5600	5600	5600	5600	5600	5600	5600	3600	3100	2600	2500
	.50	4200	4200	4200	4200	4200	4200	4200	4200	2200	1800	1300	1300
	.10	2600	2500	2500	2500	2500	2500	2500	2500	1200	600	400	100
3900	.90	2600	2600	2300	2200	1700	1700	1700	1500	1300	1200	900	600
	.50	2200	2000	1800	1800	1200	1000	1000	800	500	100	0	0
	.10	1800	1700	1400	1400	800	700	600	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2600	2500	2400	1700	1600	1400
	.50	2500	2400	2000	1900	1800	1800	1300	1300	1200	800	500	300
	.10	2100	2100	1700	1600	1400	800	700	600	200	0	0	0
	.90	5600	5600	5600	5600	5600	5600	5600	5600	3600	3100	2600	2500
	.50	4200	4200	4200	4200	4200	4200	4200	4200	2200	1900	1300	1300
	.10	2800	2600	2500	2500	2500	2500	2500	2500	1200	600	400	100
4000	.90	2700	2600	2400	2200	1700	1700	1700	1700	1300	1200	900	700
	.50	2300	2000	1900	1800	1200	1100	1000	900	500	200	0	0
	.10	1900	1700	1600	1400	900	700	600	500	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2600	2600	2500	1700	1700	1400
	.50	2500	2400	2000	1900	1800	1800	1400	1300	1200	800	500	300
	.10	2100	2100	1700	1600	1400	800	700	700	200	0	0	0
	.90	5700	5700	5700	5700	5700	5700	5700	5700	3600	3200	2600	2500
	.50	4300	4300	4300	4300	4300	4300	4300	4300	2400	1900	1300	1300
	.10	3200	2600	2600	2600	2600	2600	2600	2600	1400	700	500	200
4100	.90	2800	2600	2600	2400	2200	1700	1700	1700	1400	1200	1000	800
	.50	2400	2000	1900	1800	1200	1100	1000	1000	500	200	0	0
	.10	2100	1700	1600	1400	900	700	700	600	0	0	0	0
	.90	3400	3200	3200	3200	3200	2700	2600	2600	2500	1700	1700	1500
	.50	2500	2400	2000	2000	1800	1800	1700	1300	1300	1000	500	500
	.10	2100	2100	1700	1600	1400	900	700	700	200	0	0	0
	.90	5700	5700	5700	5700	5700	5700	5700	5700	3800	3200	2600	2500
	.50	4300	4300	4300	4300	4300	4300	4300	4300	2900	1900	1600	1300
	.10	3200	2600	2600	2600	2600	2600	2600	2600	1400	700	500	300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
4200	.90	2800	2600	2600	2400	2200	1700	1700	1700	1400	1200	1100	900
	.50	2400	2000	2000	1800	1400	1200	1000	1000	500	300	0	0
	.10	2100	1700	1700	1400	1100	700	700	600	100	0	0	0
	.90	3400	3400	3200	3200	3200	2900	2600	2600	2500	1800	1700	1600
	.50	2500	2400	2000	2000	1800	1800	1800	1300	1300	1000	600	500
	.10	2100	2100	1700	1700	1400	900	700	700	300	0	0	0
	.90	5800	5800	5800	5800	5800	5800	5800	5800	4300	3200	2600	2500
	.50	4400	4400	4400	4400	4400	4400	4400	4400	2900	1900	1800	1300
	.10	3200	2800	2700	2700	2700	2700	2700	2700	1500	700	600	300
4300	.90	2800	2800	2600	2600	2200	1700	1700	1700	1400	1300	1200	900
	.50	2400	2400	2000	1900	1800	1200	1100	1000	600	300	100	0
	.10	2100	2100	1700	1600	1400	800	700	600	100	0	0	0
	.90	4500	3400	3400	3200	3200	3200	2600	2600	2500	1900	1700	1700
	.50	3100	2500	2000	2000	2000	1800	1800	1800	1300	1100	800	500
	.10	2600	2100	1700	1700	1400	1100	800	700	400	0	0	0
	.90	5800	5800	5800	5800	5800	5800	5800	5800	4300	3200	2600	2600
	.50	4400	4400	4400	4400	4400	4400	4400	4400	2900	2000	1800	1300
	.10	3200	3000	2700	2700	2700	2700	2700	2700	1500	800	600	400
4400	.90	2900	2800	2600	2600	2300	1700	1700	1700	1500	1300	1200	1000
	.50	2500	2400	2000	1900	1800	1200	1100	1000	600	400	100	0
	.10	2100	2100	1700	1600	1400	800	700	700	100	0	0	0
	.90	4600	4600	3400	3400	3200	3200	3100	2600	2500	2300	1700	1700
	.50	3200	3200	2400	2000	2000	1800	1800	1800	1300	1200	800	500
	.10	2600	2100	2100	1700	1400	1300	800	700	400	0	0	0
	.90	5800	5800	5800	5800	5800	5800	5800	5800	4300	3200	2700	2600
	.50	4400	4400	4400	4400	4400	4400	4400	4400	2900	2000	1800	1300
	.10	3200	3000	2700	2700	2700	2700	2700	2700	1600	1000	600	400
4500	.90	3200	2900	2600	2600	2400	2200	1700	1700	1600	1400	1200	1200
	.50	2500	2400	2000	1900	1800	1200	1200	1100	700	500	200	0
	.10	2100	2100	1700	1600	1400	800	700	700	100	0	0	0
	.90	4600	4600	4600	3600	3400	3200	3200	2800	2500	2400	1700	1700
	.50	3200	3200	3200	2400	2000	2000	1800	1800	1300	1200	1000	500
	.10	2600	2100	2100	1700	1500	1400	900	800	400	100	0	0
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4700	3200	3100	2600
	.50	4500	4500	4500	4500	4500	4500	4500	4500	3300	2200	1900	1300
	.10	3200	3000	2800	2800	2800	2800	2800	2800	1700	1100	600	500

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3200	3200	2800	2600	2500	2300	2100	1700	1700	1400	1200	1200
	.50	2500	2400	2000	2000	1800	1300	1200	1200	800	500	200	100
	.10	2100	2100	1700	1700	1400	900	700	700	200	0	0	0
	.90	4600	4600	4600	3600	3400	3200	3200	3200	2500	2400	1900	1700
	.50	3200	3200	3200	2500	2000	2000	1900	1800	1300	1200	1000	600
	.10	2800	2600	2100	1700	1500	1400	1300	800	400	100	0	0
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4700	3600	3100	2600
	.50	4500	4500	4500	4500	4500	4500	4500	4500	3300	2200	1900	1300
	.10	3200	3000	2800	2800	2800	2800	2800	2800	1800	1100	700	500
4700	.90	3300	3200	3200	2800	2600	2500	2300	2000	1700	1400	1300	1200
	.50	2900	2400	2000	2000	1800	1600	1300	1200	800	500	300	100
	.10	2600	2100	1700	1700	1400	900	800	700	200	0	0	0
	.90	4700	4700	4700	4700	3400	3400	3200	3200	2600	2500	2000	1700
	.50	3300	3300	3300	3300	2200	2000	2000	1900	1300	1300	1000	800
	.10	3000	2600	2100	1700	1600	1400	1400	900	600	100	0	0
	.90	6000	6000	6000	6000	6000	6000	6000	6000	4900	3600	3100	2600
	.50	4600	4600	4600	4600	4600	4600	4600	4600	3500	2200	1900	1800
	.10	3200	3000	3000	2900	2900	2900	2900	2900	1800	1200	700	600
4800	.90	3300	3200	3200	3200	2600	2500	2500	2200	1700	1500	1300	1200
	.50	2900	2500	2400	2000	1800	1800	1300	1200	900	500	300	100
	.10	2600	2100	2100	1700	1400	1300	800	700	200	0	0	0
	.90	4700	4700	4700	4700	3600	3400	3200	3200	2600	2500	2200	1700
	.50	3300	3300	3300	3300	2200	2000	2000	2000	1700	1300	1200	900
	.10	3000	2600	2100	1800	1600	1400	1400	1100	600	200	0	0
	.90	6000	6000	6000	6000	6000	6000	6000	6000	4900	3600	3200	2600
	.50	4600	4600	4600	4600	4600	4600	4600	4600	3500	2500	1900	1800
	.10	4100	3000	3000	2900	2900	2900	2900	2900	2400	1200	800	600
4900	.90	3300	3200	3200	3200	2600	2500	2500	2400	1700	1500	1400	1300
	.50	2900	2500	2400	2000	1800	1800	1400	1300	1000	500	400	200
	.10	2600	2100	2100	1700	1400	1300	900	700	300	0	0	0
	.90	4800	4800	4800	4800	3600	3400	3400	3200	2600	2500	2400	1700
	.50	3600	3400	3400	3400	2400	2200	2000	2000	1800	1300	1200	1000
	.10	3200	2600	2100	2100	1700	1600	1400	1300	600	300	0	0
	.90	6100	6100	6100	6100	6100	6100	6100	6100	5900	3700	3200	2800
	.50	4700	4700	4700	4700	4700	4700	4700	4700	4500	2500	2000	1800
	.10	4100	3000	3000	3000	3000	3000	3000	3000	2800	1400	900	600

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
5000	.90	3500	3300	3200	3200	2800	2600	2500	2500	1700	1700	1400	1300
	.50	3100	2900	2400	2000	1800	1800	1700	1300	1000	600	500	200
	.10	2800	2600	2100	1700	1400	1400	900	800	300	0	0	0
	.90	4800	4800	4800	4800	3700	3600	3400	3200	2800	2500	2400	1900
	.50	3600	3400	3400	3400	2900	2200	2000	2000	1800	1300	1200	1000
	.10	3200	3000	2600	2100	1700	1700	1400	1400	600	300	100	0
	.90	6100	6100	6100	6100	6100	6100	6100	6100	5900	4100	3200	3100
	.50	4700	4700	4700	4700	4700	4700	4700	4700	4500	2900	2200	1900
	.10	4100	3000	3000	3000	3060	3000	3000	3000	2800	1600	1100	700
	.90	3700	3300	3200	3200	2900	2600	2500	2500	2500	1900	1500	1300
5100	.50	3300	2900	2400	2000	1900	1800	1800	1400	1200	700	500	300
	.10	3000	2600	2100	1700	1600	1400	1300	800	400	0	0	0
	.90	4900	4900	4900	4900	4900	3600	3400	3400	3100	2500	2400	2000
	.50	3600	3500	3500	3500	3500	2200	2200	2000	1800	1300	1200	1000
	.10	3200	3000	2600	2100	1800	1700	1400	1400	700	300	100	0
	.90	6100	6100	6100	6100	6100	6100	6100	6100	5900	4300	3600	3100
	.50	4700	4700	4700	4700	4700	4700	4700	4700	4500	2900	2200	1900
	.10	4100	3200	3000	3000	3000	3000	3000	3000	2800	1800	1200	700
	.90	3700	3300	3200	3200	3200	2600	2600	2500	2200	1700	1500	1400
	.50	3300	2900	2400	2300	1900	1800	1800	1700	1700	800	500	300
5200	.10	3000	2600	2100	2000	1600	1400	1300	900	400	0	0	0
	.90	4900	4900	4900	4900	4900	3600	3400	3400	3100	2500	2500	2100
	.50	3600	3500	3500	3500	3500	2400	2200	2000	1800	1300	1300	1200
	.10	3200	3000	2600	2100	1800	1700	1600	1400	700	400	100	0
	.90	6300	6300	6300	6300	6200	6200	6200	6200	5900	4900	3600	3200
	.50	4900	4900	4900	4900	4800	4800	4800	4800	4500	3500	2400	2000
	.10	4100	3200	3200	3200	3100	3100	3100	3100	2800	1800	1200	800
	.90	3700	3300	3200	3200	3200	2600	2600	2500	2400	1700	1700	1400
	.50	3300	2900	2500	2400	2000	1800	1800	1800	1800	900	500	400
	.10	3000	2600	2100	2100	1700	1400	1400	1400	400	0	0	0
5300	.90	5000	5000	5000	5000	5000	3600	3600	3400	3200	2500	2500	2300
	.50	3600	3600	3600	3600	3600	2500	2200	2200	1900	1300	1300	1200
	.10	3200	3000	2600	2100	1900	1900	1600	1400	700	400	100	0
	.90	6300	6300	6300	6300	6300	6200	6200	6200	6200	4900	3700	3200
	.50	4900	4900	4900	4900	4900	4800	4800	4800	4800	3600	2600	2000
	.10	4100	3200	3200	3200	3200	3100	3100	3100	2800	1800	1200	800
	.90	3700	3300	3200	3200	3200	2600	2600	2500	2400	1700	1700	1400
	.50	3300	2900	2500	2400	2000	1800	1800	1800	1800	900	500	400
	.10	3000	2600	2100	2100	1700	1400	1400	1400	400	0	0	0
	.90	5000	5000	5000	5000	5000	3600	3600	3600	3400	2500	2500	2300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	4000	3700	3300	3200	3200	2600	2600	2500	2400	1700	1700	1500
	.50	3600	3300	2900	2400	2000	1800	1800	1800	1300	1000	500	500
	.10	3200	3000	2600	2100	1700	1400	1400	1100	400	100	0	0
	.90	5000	5000	5000	5000	5000	3700	3600	3600	3200	2600	2500	2400
	.50	3600	3600	3600	3600	3600	2900	2300	2200	1900	1300	1300	1200
	.10	3200	3000	3000	2600	1900	1900	1700	1400	700	400	200	0
	.90	6300	6300	6300	6300	6300	6300	6300	6300	6300	5000	4000	3600
	.50	4900	4900	4900	4900	4900	4900	4900	4900	4900	3600	2900	2200
	.10	4100	3200	3200	3200	3200	3200	3200	3200	3200	2600	1600	1100
5500	.90	4000	3700	3300	3200	3200	2800	2600	2600	2500	1700	1700	1500
	.50	3600	3300	2900	2400	2000	1800	1800	1800	1300	1000	600	500
	.10	3200	3000	2600	2100	1700	1400	1400	1300	400	100	0	0
	.90	5100	5100	5100	5100	5100	4300	3600	3600	3200	2600	2500	2400
	.50	3700	3700	3700	3700	3700	3300	2500	2200	1900	1700	1300	1200
	.10	3200	3000	3000	2600	2000	2000	1700	1600	800	500	300	100
	.90	6300	6300	6300	6300	6300	6300	6300	6300	6300	5900	4300	3600
	.50	4900	4900	4900	4900	4900	4900	4900	4900	4900	4500	2900	2200
	.10	4100	3200	3200	3200	3200	3200	3200	3200	3200	2800	1800	1200
5600	.90	4000	3700	3300	3200	3200	2800	2600	2600	2500	1800	1700	1600
	.50	3600	3300	2900	2400	2000	1900	1800	1800	1300	1100	800	500
	.10	3200	3000	2600	2100	1700	1400	1400	1300	400	100	0	0
	.90	5100	5100	5100	5100	5100	5100	3700	3600	3200	2600	2500	2400
	.50	3700	3700	3700	3700	3700	3700	2700	2400	2000	1800	1300	1200
	.10	3200	3000	3000	2600	2100	2000	2000	1700	900	600	300	100
	.90	6400	6400	6400	6400	6400	6400	6400	6400	6400	5900	4900	3600
	.50	5000	5000	5000	5000	5000	5000	5000	5000	5000	4500	3500	2500
	.10	4100	3300	3300	3300	3300	3300	3300	3300	3300	2800	2000	1400
5700	.90	4000	3700	3300	3200	3200	3200	2600	2600	2500	2000	1700	1700
	.50	3600	3300	2900	2500	2000	1900	1800	1800	1300	1200	800	500
	.10	3200	3000	2600	2100	1700	1600	1400	1400	600	100	0	0
	.90	5200	5200	5200	5200	5200	5200	4100	3600	3200	2600	2500	2500
	.50	4500	3800	3800	3800	3800	3800	2900	2400	2000	1800	1300	1300
	.10	4100	3000	3000	2600	2100	2100	2100	1700	1000	600	300	100
	.90	6400	6400	6400	6400	6400	6400	6400	6400	6400	5900	4900	3700
	.50	5000	5000	5000	5000	5000	5000	5000	5000	5000	4500	3500	2900
	.10	4300	3300	3300	3300	3300	3300	3300	3300	3300	2800	2100	1400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
5800	.90	4000	3700	3700	3300	3200	3200	2800	2600	2500	2200	1700	1700
	.50	3600	3300	3300	2900	2100	2000	1800	1800	1300	1200	900	600
	.10	3200	3000	3000	2600	1800	1600	1400	1400	600	100	0	0
	.90	5200	5200	5200	5200	5200	5200	4300	3700	3200	2700	2500	2500
	.50	4500	3800	3800	3800	3800	3800	2900	2800	2000	1800	1300	1300
	.10	4100	3000	3000	2600	2100	2100	2100	1800	1100	600	400	100
	.90	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900	5100	4300
	.50	5400	5100	5100	5100	5100	5100	5100	5100	5100	4500	3700	2900
	.10	5000	3600	3400	3400	3400	3400	3400	3400	3400	2800	2600	1800
5900	.90	4500	3700	3700	3400	3200	3200	3100	2700	2500	2400	1700	1700
	.50	3600	3300	3300	2900	2300	2000	1900	1800	1300	1200	1000	600
	.10	3200	3000	3000	2600	2000	1600	1400	1400	600	200	0	0
	.90	5200	5200	5200	5200	5200	5200	4300	4000	3200	2800	2500	2500
	.50	4500	3800	3800	3800	3800	3800	3300	2900	2000	1800	1300	1300
	.10	4100	3000	3000	2700	2100	2100	2100	2100	1100	600	400	100
	.90	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900	5900	4400
	.50	5400	5100	5100	5100	5100	5100	5100	5100	5100	4500	4500	3200
	.10	5000	4100	3400	3400	3400	3400	3400	3400	3400	3000	2800	1900
6000	.90	4600	4600	3700	3600	3300	3200	3200	2900	2500	2400	1900	1700
	.50	3600	3300	3300	3000	2400	2000	2000	1900	1300	1200	1000	800
	.10	3200	3000	3000	2600	2100	1700	1400	1400	700	200	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4200	3300	3100	2500	2500
	.50	4500	3900	3900	3900	3900	3900	3900	2900	2100	1800	1300	1300
	.10	4100	3200	3000	3000	2500	2200	2200	2200	1200	700	400	200
	.90	6600	6600	6600	6600	6600	6600	6600	6600	6600	6300	5900	4900
	.50	5500	5200	5200	5200	5200	5200	5200	5200	5200	4900	4500	3500
	.10	5100	4100	3500	3500	3500	3500	3500	3500	3500	3200	2800	2100
6100	.90	4600	4600	4600	3700	3400	3200	3200	3200	2600	2400	1900	1700
	.50	3700	3300	3300	3200	2400	2000	2000	1900	1600	1300	1100	900
	.10	3400	3000	3000	2600	2100	1700	1400	1400	700	300	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3400	3100	2600	2500
	.50	4500	3900	3900	3900	3900	3900	3900	2900	2200	1900	1300	1300
	.10	4100	3200	3000	3000	2500	2200	2200	2200	1200	700	500	200
	.90	6600	6600	6600	6600	6600	6600	6600	6600	6600	6300	5900	4900
	.50	5500	5200	5200	5200	5200	5200	5200	5200	5200	4900	4500	3500
	.10	5100	4100	3500	3500	3500	3500	3500	3500	3500	3200	2800	2100
	.90	4600	4600	4600	3700	3400	3200	3200	3200	2600	2400	1900	1700
	.50	3700	3300	3300	3200	2400	2000	2000	1900	1600	1300	1100	900
	.10	3400	3000	3000	2600	2100	1700	1400	1400	700	300	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3400	3100	2600	2500
	.50	4500	3900	3900	3900	3900	3900	3900	2900	2200	1900	1300	1300
	.10	4100	3200	3000	3000	2500	2200	2200	2200	1200	700	500	200
	.90	6600	6600	6600	6600	6600	6600	6600	6600	6600	6300	5900	4900
	.50	5500	5200	5200	5200	5200	5200	5200	5200	5200	4900	4500	3700
	.10	5100	4100	3500	3500	3500	3500	3500	3500	3500	3200	2800	2400
	.90	4600	4600	4600	3700	3400	3200	3200	3200	2600	2400	1900	1700
	.50	3700	3300	3300	3200	2400	2000	2000	1900	1600	1300	1100	900
	.10	3400	3000	3000	2600	2100	1700	1400	1400	700	300	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3400	3100	2600	2500
	.50	4500	3900	3900	3900	3900	3900	3900	2900	2200	1900	1300	1300
	.10	4100	3200	3000	3000	2500	2200	2200	2200	1200	700	500	200
	.90	6600	6600	6600	6600	6600	6600	6600	6600	6600	6300	5900	4900
	.50	5500	5200	5200	5200	5200	5200	5200	5200	5200	4900	4500	3700
	.10	5100	4100	3500	3500	3500	3500	3500	3500	3500	3200	2800	2400
	.90	4600	4600	4600	3700	3400	3200	3200	3200	2600	2400	1900	1700
	.50	3700	3300	3300	3200	2400	2000	2000	1900	1600	1300	1100	900
	.10	3400	3000	3000	2600	2100	1700	1400	1400	700	300	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3400	3100	2600	2500
	.50	4500	3900	3900	3900	3900	3900	3900	2900	2200	1900	1300	1300
	.10	4100	3200	3000	3000	2500	2200	2200	2200	1200	700	500	200
	.90	6600	6600	6600	6600	6600	6600	6600	6600	6600	6300	5900	4900
	.50	5500	5200	5200	5200	5200	5200	5200	5200	5200	4900	4500	3700
	.10	5100	4100	3500	3500	3500	3500	3500	3500	3500	3200	2800	2400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6200	.90	.90	4900	4600	4600	3700	3600	3300	3200	3200	2600	2500	2000	1700
	.50	.50	4500	3300	3300	3200	2900	2200	2000	2000	1800	1300	1200	900
	.10	.10	4100	3000	3000	2700	2100	1700	1500	1400	700	300	100	0
	.90	.90	5400	5400	5400	5400	5400	5400	4300	4300	3400	3100	2600	2500
	.50	.50	4500	4000	4000	4000	4000	4000	3300	3300	2200	1900	1300	1300
	.10	.10	4100	3000	3000	3000	2600	2300	2300	1300	1300	700	500	300
	.90	.90	6700	6700	6700	6700	6700	6700	6700	6700	6700	6300	5900	5300
	.50	.50	5600	5300	5300	5300	5300	5300	5300	5300	5300	4900	4500	3900
	.10	.10	5200	4100	3800	3600	3600	3600	3600	3600	3600	3200	2800	2700
6300	.90	.90	4900	4700	4700	4700	3600	3400	3200	3200	2600	2500	2300	1700
	.50	.50	4500	3300	3300	3300	2900	2300	2000	2000	1800	1300	1200	1000
	.10	.10	4100	3000	3000	2800	2100	1700	1600	1400	700	400	100	0
	.90	.90	5400	5400	5400	5400	5400	5400	4300	4300	3600	3100	2600	2500
	.50	.50	4500	4000	4000	4000	4000	4000	3500	3500	2200	1900	1400	1300
	.10	.10	4100	3000	3000	3000	2600	2300	2300	1400	1400	700	600	300
	.90	.90	6700	6700	6700	6700	6700	6700	6700	6700	6700	6300	5900	5900
	.50	.50	5600	5300	5300	5300	5300	5300	5300	5300	5300	4900	4500	4500
	.10	.10	5200	4100	4100	3800	3600	3600	3600	3600	3600	3200	2800	2800
6400	.90	.90	4900	4700	4700	4700	3600	3400	3200	3200	2600	2500	2400	1900
	.50	.50	4500	3600	3300	3300	3100	2400	2000	2000	1800	1300	1200	1000
	.10	.10	4100	3200	3000	2900	2500	1800	1600	1400	800	400	100	0
	.90	.90	5500	5500	5500	5500	5500	5500	4900	4900	3600	3100	2600	2500
	.50	.50	4600	4100	4100	4100	4100	4100	4100	3700	2400	1900	1600	1300
	.10	.10	4300	3000	3000	3000	2600	2500	2400	1400	1400	800	600	300
	.90	.90	6700	6700	6700	6700	6700	6700	6700	6700	6700	6300	5900	5900
	.50	.50	5700	5300	5300	5300	5300	5300	5300	5300	5300	4900	4500	4500
	.10	.10	5300	4100	4100	3900	3600	3600	3600	3600	3600	3200	2800	2800
6500	.90	.90	4900	4800	4800	4800	3700	3600	3300	3300	2900	2500	2400	2000
	.50	.50	4500	3600	3400	3400	3300	2500	2200	2100	1800	1300	1200	1100
	.10	.10	4100	3200	3000	3000	2600	2000	1700	1600	800	400	100	0
	.90	.90	5500	5500	5500	5500	5500	5500	5500	5500	3600	3200	2600	2500
	.50	.50	4600	4100	4100	4100	4100	4100	4100	4100	2500	1900	1800	1300
	.10	.10	4300	3000	3000	3000	2600	2500	2400	1500	900	600	400	400
	.90	.90	6800	6800	6800	6800	6800	6800	6800	6800	6800	6300	5900	5900
	.50	.50	5700	5400	5400	5400	5400	5400	5400	5400	5400	4900	4500	4500
	.10	.10	5300	4100	4100	3900	3700	3700	3700	3700	3700	3200	2800	2800

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4900	4800	4800	4800	3700	3600	3400	3400	3100	2500	2500	2000
	.50	4500	3600	3400	3400	3300	2900	2400	2200	1900	1300	1300	1200
	.10	4100	3200	3000	3000	2600	2100	1700	1700	800	500	200	0
	.90	5600	5600	5600	5600	5600	5600	5600	5600	3600	3200	2600	2500
	.50	4600	4400	4200	4200	4200	4200	4200	4200	2900	2000	1800	1300
	.10	4300	4100	3000	3000	2800	2500	2500	2500	1600	900	600	400
	.90	6800	6800	6800	6800	6800	6800	6800	6800	6800	6300	5900	5900
	.50	5800	5400	5400	5400	5400	5400	5400	5400	5400	4900	4500	4500
	.10	5400	4100	3900	3700	3700	3700	3700	3700	3700	3200	3000	2800
6700	.90	4900	4900	4900	4900	4900	3600	3400	3400	3200	2500	2500	2300
	.50	4500	3600	3500	3500	3500	2900	2500	2200	1900	1400	1300	1200
	.10	4100	3200	3000	3000	2600	2100	1800	1700	900	500	300	0
	.90	5800	5600	5600	5600	5600	5600	5600	5600	3700	3200	2700	2600
	.50	5400	4400	4200	4200	4200	4200	4200	4200	2900	2000	1800	1300
	.10	5000	4100	3200	3000	2900	2600	2500	2500	1700	1000	600	400
	.90	6900	6900	6900	6900	6900	6900	6900	6900	6900	6300	5900	5900
	.50	5800	5500	5500	5500	5500	5500	5500	5500	5500	4900	4500	4500
	.10	5400	4200	4100	4100	3800	3800	3800	3800	3800	3200	3200	2800
6800	.90	5000	4900	4900	4900	4900	3600	3600	3400	3200	2600	2500	2400
	.50	4600	3600	3500	3500	3500	3000	2900	2400	1900	1600	1300	1200
	.10	4300	3200	3000	3000	2600	2100	1800	1800	1000	600	300	100
	.90	5800	5700	5700	5700	5700	5700	5700	5700	3800	3200	2800	2600
	.50	5400	4400	4300	4300	4300	4300	4300	4300	2900	2200	1800	1300
	.10	5000	4100	3200	3000	3000	2600	2600	2600	1800	1100	700	500
	.90	6900	6900	6900	6900	6900	6900	6900	6900	6900	6300	6300	5900
	.50	6300	5500	5500	5500	5500	5500	5500	5500	5500	4900	4900	4500
	.10	5900	4300	4100	4100	3800	3800	3800	3800	3800	3200	3200	2800
6900	.90	5000	5000	5000	5000	5000	3700	3600	3400	3200	2600	2500	2400
	.50	4600	4000	3600	3600	3600	3300	2900	2500	2000	1800	1300	1200
	.10	4300	3600	3000	3000	2700	2500	2000	1900	1100	600	300	100
	.90	5900	5700	5700	5700	5700	5700	5700	5700	4300	3200	3100	2600
	.50	5500	4400	4300	4300	4300	4300	4300	4300	2900	2200	1900	1400
	.10	5100	4100	3600	3000	3000	2600	2600	2600	1800	1200	700	500
	.90	6900	6900	6900	6900	6900	6900	6900	6900	6900	6300	6300	5900
	.50	6300	5500	5500	5500	5500	5500	5500	5500	5500	4900	4900	4500
	.10	5900	4300	4100	4100	4000	3800	3800	3800	3800	3200	3200	2800

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - JANUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5000	5000	5000	5000	4000	3600	3600	3200	2600	2500	2400
	.50		4600	3600	3600	3600	3300	2900	2900	2000	1800	1300	1300
	.10		4300	3000	3000	2800	2500	2100	1900	1100	600	300	100
	.90	.50	5900	5800	5800	5800	5800	5800	5800	4300	3300	3100	2600
	.50		5500	4400	4400	4400	4400	4400	4400	3100	2200	1900	1600
	.10		5100	4100	3000	3000	2700	2700	2700	2100	1200	700	600
	.90		6900	6900	6900	6900	6900	6900	6900	6900	6300	6300	5900
	.50		6400	5500	5500	5500	5500	5500	5500	5500	4900	4900	4500
	.10		6000	4500	4100	4100	3800	3800	3800	3800	3200	3200	2800

PAGE 211  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	700	600	500	400	200	200	100	0	0	0	0	0
	.50	400	300	200	200	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1300	1200	1200	1200	1000	900	800	600	300	100	0
	.50	600	600	400	400	300	200	100	100	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	3400	3400	3200	3200	3200	2600	2600	2600	2500	1700	1700	1400
	.50	2300	2300	2100	2100	2100	1500	1500	1500	1500	700	600	400
	.10	800	700	600	500	300	300	200	100	0	0	0	0
1500	.90	700	700	500	500	300	200	100	100	0	0	0	0
	.50	400	400	300	200	100	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1200	1200	1200	1000	900	600	400	200	100
	.50	700	600	500	400	300	200	100	100	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	4500	3400	3400	3200	3200	3200	2600	2600	2500	1700	1700	1400
	.50	3400	2300	2300	2100	2100	2100	1500	1500	1500	700	600	400
	.10	1600	800	700	600	400	300	300	100	100	0	0	0
1600	.90	700	700	600	500	400	200	200	100	0	0	0	0
	.50	400	400	300	300	200	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1300	1200	1200	1100	900	600	400	200	100
	.50	900	700	600	500	300	300	200	100	0	0	0	0
	.10	400	200	100	0	0	0	0	0	0	0	0	0
	.90	4600	4600	3400	3400	3200	3200	2600	2600	2500	1700	1700	1500
	.50	3500	3500	2300	2300	2100	2100	1500	1500	1500	800	700	600
	.10	1700	1700	800	700	500	300	300	300	100	0	0	0
1700	.90	900	700	600	500	400	300	200	200	0	0	0	0
	.50	600	400	400	300	200	100	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1300	1300	1200	1200	1200	1100	700	500	300	200
	.50	900	700	600	500	400	300	200	100	0	0	0	0
	.10	400	200	100	0	0	0	0	0	0	0	0	0
	.90	4600	4600	4600	3600	3400	3200	3200	2600	2500	1900	1700	1500
	.50	3500	3500	3500	2500	2300	2100	2100	1500	1500	1000	700	600
	.10	1700	1700	1700	800	700	500	300	300	100	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	900	900	700	600	500	400	300	200	0	0	0	0
	.50	600	600	400	400	200	100	0	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	1700	1400	1400	1300	1300	1200	1200	1200	800	600	400	200
	.50	900	700	600	600	400	300	300	200	100	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	4600	4600	4600	3600	3400	3200	3200	3100	2500	2400	1700	1700
	.50	3500	3500	3500	2500	2300	2100	2100	2100	1500	1300	700	600
	.10	1700	1700	1700	900	700	600	400	300	100	0	0	0
1900	.90	900	900	700	700	500	400	300	300	100	0	0	0
	.50	600	600	400	400	300	100	100	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	1700	1700	1400	1300	1300	1200	1200	1200	800	600	400	300
	.50	1000	900	700	600	500	300	300	300	100	0	0	0
	.10	500	400	200	100	0	0	0	0	0	0	0	0
	.90	4700	4700	4700	4700	3400	3400	3200	3200	2500	2400	1700	1700
	.50	3600	3600	3600	3600	2300	2300	2100	2100	1500	1300	700	700
	.10	1800	1800	1800	1800	800	700	500	400	100	0	0	0
2000	.90	1000	900	800	700	600	400	400	300	100	0	0	0
	.50	700	600	500	400	300	200	100	0	0	0	0	0
	.10	300	200	100	0	0	0	0	0	0	0	0	0
	.90	1700	1700	1700	1700	1300	1300	1200	1200	900	600	500	400
	.50	1100	1100	900	700	600	400	300	300	100	0	0	0
	.10	700	600	400	200	0	0	0	0	0	0	0	0
	.90	4700	4700	4700	4700	3600	3400	3200	3200	2600	2400	1700	1700
	.50	3600	3600	3600	3600	2500	2300	2100	2100	1500	1400	900	700
	.10	1800	1800	1800	1800	800	700	700	500	200	100	0	0
2100	.90	1200	1000	900	800	600	500	400	400	200	0	0	0
	.50	900	700	600	500	400	200	100	100	0	0	0	0
	.10	400	200	100	0	0	0	0	0	0	0	0	0
	.90	1700	1700	1700	1700	1400	1300	1300	1200	1000	600	600	400
	.50	1200	1100	900	900	700	600	400	300	100	0	0	0
	.10	700	700	400	400	100	0	0	0	0	0	0	0
	.90	4800	4800	4800	4800	3600	3400	3400	3200	2600	2500	1800	1700
	.50	3700	3700	3700	3700	2500	2300	2300	2100	1500	1500	900	700
	.10	1900	1900	1900	1900	900	700	700	600	300	100	0	0

PAGE 213  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1200	1000	900	800	700	600	400	400	200	0	0	0
	.50	900	700	600	500	400	200	100	100	0	0	0	0
	.10	500	200	100	0	0	0	0	0	0	0	0	0
	.90	1700	1700	1700	1700	1700	1400	1300	1300	1200	700	600	400
	.50	1300	1200	1100	900	700	600	600	400	200	100	0	0
	.10	900	700	600	400	200	0	0	0	0	0	0	0
	.90	4800	4800	4800	4800	3600	3600	3400	3200	2600	2500	2000	1700
	.50	3700	3700	3700	3700	2500	2500	2300	2200	1500	1500	1100	700
	.10	1900	1900	1900	1900	1000	800	700	700	300	100	0	0
2300	.90	1200	1100	900	900	800	600	500	400	300	100	0	0
	.50	900	800	600	600	400	300	200	100	0	0	0	0
	.10	500	400	200	100	0	0	0	0	0	0	0	0
	.90	2600	2600	1700	1700	1700	1500	1400	1300	1200	800	600	600
	.50	1500	1500	1100	1100	800	700	600	600	300	100	0	0
	.10	900	700	700	600	300	0	0	0	0	0	0	0
	.90	4900	4900	4900	4900	4900	3600	3400	3400	2600	2500	2400	1700
	.50	3800	3800	3800	3800	3800	2500	2300	2300	1800	1500	1300	900
	.10	2000	2000	2000	2000	2000	800	700	700	400	100	0	0
2400	.90	1300	1200	1200	1000	800	700	600	600	300	100	0	0
	.50	1100	900	700	600	400	300	200	200	0	0	0	0
	.10	700	500	300	200	0	0	0	0	0	0	0	0
	.90	2600	2600	1700	1700	1700	1700	1400	1400	1200	900	600	600
	.50	1500	1500	1300	1100	900	700	700	600	300	100	0	0
	.10	900	900	700	600	400	100	0	0	0	0	0	0
	.90	4900	4900	4900	4900	4900	3600	3400	3400	3100	2500	2400	1700
	.50	3800	3800	3800	3800	3800	2500	2300	2300	2100	1500	1300	900
	.10	2000	2000	2000	2000	2000	800	700	700	400	100	100	0
2500	.90	1400	1300	1200	1200	900	800	700	600	400	200	0	0
	.50	1100	1100	900	700	500	400	200	200	0	0	0	0
	.10	700	700	400	200	0	0	0	0	0	0	0	0
	.90	2600	2600	2600	1700	1700	1700	1700	1400	1300	1000	800	600
	.50	1500	1500	1500	1200	1000	700	700	700	300	100	0	0
	.10	900	900	700	700	400	200	0	0	0	0	0	0
	.90	5000	5000	5000	5000	5000	3600	3600	3400	3100	2500	2400	1700
	.50	3900	3900	3900	3900	3900	2500	2500	2300	2100	1500	1400	900
	.10	2100	2100	2100	2100	2100	1000	800	700	500	200	100	0

PAGE 214  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1500	1400	1200	1200	1100	900	800	700	400	200	100	0
	.50	1300	1100	900	900	600	400	300	200	0	0	0	0
	.10	900	700	600	400	100	0	0	0	0	0	0	0
	.90	2600	2600	2600	1700	1700	1700	1700	1700	1300	1200	900	600
	.50	1500	1500	1500	1300	1100	900	700	700	400	200	100	0
	.10	900	900	700	700	500	200	100	0	0	0	0	0
	.90	5000	5000	5000	5000	5000	3600	3600	3400	3200	2500	2400	2000
	.50	3900	3900	3900	3900	3900	2500	2500	2300	2100	1500	1500	1100
	.10	2100	2100	2100	2100	2100	1400	800	800	600	200	100	0
2700	.90	1500	1500	1300	1200	1200	900	900	800	600	300	100	0
	.50	1300	1200	1100	900	700	400	400	300	0	0	0	0
	.10	900	700	700	400	200	0	0	0	0	0	0	0
	.90	2600	2600	2600	1700	1700	1700	1700	1700	1300	1200	900	700
	.50	1700	1500	1500	1500	1100	900	700	700	500	300	100	0
	.10	1200	900	800	700	600	400	200	100	0	0	0	0
	.90	5100	5100	5100	5100	5100	4300	3600	3600	3200	2500	2500	2000
	.50	4000	4000	4000	4000	4000	3200	2500	2500	2100	1500	1500	1200
	.10	2200	2200	2200	2200	2200	1400	900	800	600	300	100	0
2800	.90	1600	1500	1400	1300	1200	1100	900	900	600	400	200	0
	.50	1300	1300	1100	1100	800	500	400	300	100	0	0	0
	.10	900	900	700	600	400	0	0	0	0	0	0	0
	.90	2600	2600	2600	1700	1700	1700	1700	1700	1400	1200	1100	800
	.50	1800	1500	1500	1500	1200	1000	900	700	600	300	100	100
	.10	1300	900	800	700	600	400	200	100	0	0	0	0
	.90	5100	5100	5100	5100	5100	5100	3600	3600	3200	2600	2500	2400
	.50	4000	4000	4000	4000	4000	4000	2500	2500	2100	1500	1500	1300
	.10	2200	2200	2200	2200	2200	1200	1400	800	700	300	100	100
2900	.90	1600	1500	1400	1300	1200	1200	1000	900	600	400	200	100
	.50	1300	1300	1100	1100	900	600	500	400	100	0	0	0
	.10	900	900	700	700	400	100	0	0	0	0	0	0
	.90	3200	2600	2600	2600	1700	1700	1700	1700	1400	1200	1200	900
	.50	2100	1800	1500	1500	1300	1100	900	700	600	300	200	100
	.10	1300	1300	900	700	700	400	300	200	0	0	0	0
	.90	5200	5200	5200	5200	5200	5200	4100	3600	3200	2600	2500	2400
	.50	4100	4100	4100	4100	4100	4100	3000	2500	2100	1500	1500	1300
	.10	2300	2300	2300	2300	2300	2300	1400	1200	700	400	100	100

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1600	1500	1500	1400	1300	1200	1200	1000	700	500	300	100
	.50	1300	1200	1100	1100	900	700	600	400	100	0	0	0
	.10	900	700	700	700	400	200	0	0	0	0	0	0
	.90	3200	2600	2600	2600	2500	1700	1700	1700	1500	1300	1200	900
	.50	2100	2100	1900	1500	1500	1200	1100	900	700	400	300	100
	.10	1500	1400	900	800	700	400	400	200	0	0	0	0
	.90	5200	5200	5200	5200	5200	5200	4300	3600	3200	2600	2500	2400
	.50	4100	4100	4100	4100	4100	4100	3200	2500	2100	1500	1500	1400
	.10	2300	2300	2300	2300	2300	2300	1400	1400	700	400	100	100
3100	.90	1600	1500	1400	1400	1300	1200	1200	1200	800	600	400	200
	.50	1300	1200	1100	1100	1000	700	600	500	200	0	0	0
	.10	900	700	700	700	600	300	100	0	0	0	0	0
	.90	3200	3200	2600	2600	2600	2200	1700	1700	1700	1300	1200	1100
	.50	2100	2100	1900	1900	1500	1300	1100	1100	700	500	300	200
	.10	1600	1400	800	800	700	600	400	300	0	0	0	0
	.90	5200	5200	5200	5200	5200	5200	4300	3700	3200	2600	2500	2400
	.50	4100	4100	4100	4100	4100	4100	3200	2700	2200	1500	1500	1500
	.10	2300	2300	2300	2300	2300	2300	1600	1400	700	400	200	100
3200	.90	2000	1600	1500	1500	1300	1300	1200	1200	900	600	400	300
	.50	1700	1300	1300	1200	1100	900	700	600	200	0	0	0
	.10	1200	800	700	700	600	400	200	100	0	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2200	1700	1700	1400	1200	1200
	.50	2100	2100	2100	2100	1500	1500	1300	1100	700	600	300	200
	.10	1700	1600	1400	900	700	600	400	400	0	0	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4200	3200	2600	2500	2500
	.50	4200	4200	4200	4200	4200	4200	4200	3100	2200	1700	1500	1500
	.10	2400	2400	2400	2400	2400	2400	2400	1400	700	500	300	100
3300	.90	2100	1600	1500	1500	1400	1300	1200	1200	900	600	500	300
	.50	1800	1300	1300	1200	1100	900	700	600	300	0	0	0
	.10	1300	900	900	700	700	400	200	100	0	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2500	2000	1700	1400	1200	1200
	.50	2300	2100	2100	2100	1500	1500	1500	1300	700	600	400	300
	.10	1800	1700	1400	900	700	700	400	400	100	0	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3200	2600	2500	2500
	.50	4200	4200	4200	4200	4200	4200	4200	3200	2200	1900	1500	1500
	.10	2400	2400	2400	2400	2400	2400	2400	1400	700	500	300	100
	.90	2100	1600	1500	1500	1400	1300	1200	1200	900	600	500	300
	.50	1800	1300	1300	1200	1100	900	700	600	300	0	0	0
	.10	1300	900	900	700	700	400	200	100	0	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2500	2000	1700	1400	1200	1200
	.50	2300	2100	2100	2100	1500	1500	1500	1300	700	600	400	300
	.10	1800	1700	1400	900	700	700	400	400	100	0	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3200	2600	2500	2500
	.50	4200	4200	4200	4200	4200	4200	4200	3200	2200	1900	1500	1500
	.10	2400	2400	2400	2400	2400	2400	2400	1400	700	500	300	100
	.90	2100	1600	1500	1500	1400	1300	1200	1200	900	600	500	300
	.50	1800	1300	1300	1200	1100	900	700	600	300	0	0	0
	.10	1300	900	900	700	700	400	200	100	0	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2500	2000	1700	1400	1200	1200
	.50	2300	2100	2100	2100	1500	1500	1500	1300	700	600	400	300
	.10	1800	1700	1400	900	700	700	400	400	100	0	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3200	2600	2500	2500
	.50	4200	4200	4200	4200	4200	4200	4200	3200	2200	1900	1500	1500
	.10	2400	2400	2400	2400	2400	2400	2400	1400	700	500	300	100
	.90	2100	1600	1500	1500	1400	1300	1200	1200	900	600	500	300
	.50	1800	1300	1300	1200	1100	900	700	600	300	0	0	0
	.10	1300	900	900	700	700	400	200	100	0	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2500	2000	1700	1400	1200	1200
	.50	2300	2100	2100	2100	1500	1500	1500	1300	700	600	400	300
	.10	1800	1700	1400	900	700	700	400	400	100	0	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3200	2600	2500	2500
	.50	4200	4200	4200	4200	4200	4200	4200	3200	2200	1900	1500	1500
	.10	2400	2400	2400	2400	2400	2400	2400	1400	700	500	300	100
	.90	2100	1600	1500	1500	1400	1300	1200	1200	900	600	500	300
	.50	1800	1300	1300	1200	1100	900	700	600	300	0	0	0
	.10	1300	900	900	700	700	400	200	100	0	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2500	2000	1700	1400	1200	1200
	.50	2300	2100	2100	2100	1500	1500	1500	1300	700	600	400	300
	.10	1800	1700	1400	900	700	700	400	400	100	0	0	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3200	2600	2500	2500
	.50	4200	4200	4200	4200	4200	4200	4200	3200	2200	1900	1500	1500
	.10	2400	2400	2400	2400	2400	2400	2400	1400	700	500	300	100
	.90	2100	1600	1500	1500	1400	1300	1200	1200	900	600	500	300
	.50	1800	1300	1300	1200	1100	900	700	600	300	0	0	0
	.10	1300	900	900	700	700	400	200	100	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM: SPAWNING MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2100	2100	1600	1500	1400	1300	1300	1200	1000	700	600	400
	.50	1900	1800	1300	1200	1100	900	800	700	300	100	0	0
	.10	1500	1300	900	800	700	400	400	200	0	0	0	0
	.90	3200	3200	3200	3200	2600	2600	2500	2400	1700	1500	1300	1200
	.50	2300	2100	2100	2100	1900	1500	1500	1500	900	600	500	300
	.10	1800	1700	1400	1400	800	700	600	400	100	0	0	0
	.90	5400	5400	5400	5400	5400	5400	5400	4300	3200	2600	2500	2500
	.50	4300	4300	4300	4300	4300	4300	4300	3200	2200	1900	1500	1500
	.10	2500	2500	2500	2500	2500	2500	2500	1600	800	700	300	100
3500	.90	2200	2200	1700	1700	1500	1300	1300	1300	1100	800	600	400
	.50	2000	1900	1300	1300	1100	900	900	700	400	100	0	0
	.10	1600	1400	900	800	700	500	400	200	0	0	0	0
	.90	3200	3200	3200	3200	2600	2600	2500	2500	1700	1600	1400	1200
	.50	2400	2100	2100	2100	2100	1500	1500	1500	1000	700	500	300
	.10	1900	1700	1500	1400	800	700	600	400	100	0	0	0
	.90	5400	5400	5400	5400	5400	5400	5400	4300	3300	2600	2500	2500
	.50	4300	4300	4300	4300	4300	4300	4300	3200	2300	2000	1500	1500
	.10	2500	2500	2500	2500	2500	2500	2500	2000	900	700	300	100
3600	.90	2300	2200	1700	1700	1600	1400	1300	1300	1200	900	600	600
	.50	2100	2000	1300	1300	1200	1100	900	700	400	100	0	0
	.10	1700	1600	900	900	700	600	400	300	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2500	2500	1700	1600	1400	1300
	.50	2400	2100	2100	2100	2100	1500	1500	1500	1100	700	600	400
	.10	1900	1700	1600	1400	900	700	700	600	100	0	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	4900	3600	3100	2500	2500
	.50	4400	4400	4400	4400	4400	4400	4400	3800	2500	2100	1500	1500
	.10	2600	2600	2600	2600	2600	2600	2600	2100	900	700	300	100
3700	.90	2300	2300	2200	1700	1700	1500	1400	1300	1200	900	700	600
	.50	2100	2100	1900	1300	1200	1100	900	900	500	200	0	0
	.10	1700	1700	1400	900	700	600	400	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2500	2500	1700	1700	1400	1300
	.50	2500	2100	2100	2100	2100	1900	1500	1500	1200	700	600	400
	.10	2100	1700	1600	1400	900	700	700	600	200	0	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	3600	3100	2600	2500
	.50	4400	4400	4400	4400	4400	4400	4400	3800	2500	2100	1500	1500
	.10	2600	2600	2600	2600	2600	2600	2600	2100	900	700	300	100
	.90	2300	2300	2200	1700	1700	1500	1400	1300	1200	900	700	600
	.50	2100	2100	1900	1300	1200	1100	900	900	500	200	0	0
	.10	1700	1700	1400	900	700	600	400	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2500	2500	1700	1700	1400	1300
	.50	2500	2100	2100	2100	2100	1900	1500	1500	1200	700	600	400
	.10	2100	1700	1600	1400	900	700	700	600	200	0	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	3600	3100	2600	2500
	.50	4400	4400	4400	4400	4400	4400	4400	4400	2500	2100	1500	1500
	.10	2600	2600	2600	2600	2600	2600	2600	2100	900	700	300	100
	.90	2300	2300	2200	1700	1700	1500	1400	1300	1200	900	700	600
	.50	2100	2100	1900	1300	1200	1100	900	900	500	200	0	0
	.10	1700	1700	1400	900	700	600	400	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2500	2500	1700	1700	1400	1300
	.50	2500	2100	2100	2100	2100	1900	1500	1500	1200	700	600	400
	.10	2100	1700	1600	1400	900	700	700	600	200	0	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	3600	3100	2600	2500
	.50	4400	4400	4400	4400	4400	4400	4400	4400	2500	2100	1500	1500
	.10	2600	2600	2600	2600	2600	2600	2600	2100	900	700	300	100
	.90	2300	2300	2200	1700	1700	1500	1400	1300	1200	900	700	600
	.50	2100	2100	1900	1300	1200	1100	900	900	500	200	0	0
	.10	1700	1700	1400	900	700	600	400	400	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3600	.90	2600	2300	2200	2200	1700	1700	1500	1400	1200	1000	800	600
	.50	2300	2100	1900	1900	1200	1100	1000	900	600	200	100	0
	.10	1800	1700	1400	1400	800	700	500	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2600	2500	2200	1700	1500	1400
	.50	2500	2100	2100	2100	2100	1900	1500	1500	1300	700	600	500
	.10	2100	1700	1700	1400	1100	700	700	600	200	0	0	0
	.90	5600	5600	5600	5600	5600	5600	5600	5600	3600	3100	2600	2500
	.50	4500	4500	4500	4500	4500	4500	4500	4500	2500	2100	1500	1500
	.10	2700	2700	2700	2700	2700	2700	2700	2700	1400	700	400	200
3900	.90	2600	2600	2200	2200	1700	1700	1600	1500	1300	1100	800	600
	.50	2300	2100	1900	1900	1300	1100	1100	900	600	300	100	0
	.10	1800	1700	1400	1400	800	700	600	400	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2600	2500	2400	1700	1600	1400
	.50	2600	2500	2100	2100	2100	1900	1500	1500	1400	900	700	600
	.10	2100	2100	1700	1600	1400	800	700	600	200	0	0	0
	.90	5600	5600	5600	5600	5600	5600	5600	5600	3600	3100	2600	2500
	.50	4500	4500	4500	4500	4500	4500	4500	4500	2500	2100	1500	1500
	.10	2800	2700	2700	2700	2700	2700	2700	2700	1400	700	400	300
4000	.90	2700	2600	2300	2200	1700	1700	1700	1600	1300	1200	900	700
	.50	2400	2100	2000	1900	1300	1200	1100	1000	700	300	100	0
	.10	1900	1700	1600	1400	900	700	600	500	0	0	0	0
	.90	3200	3200	3200	3200	3200	2600	2600	2600	2500	1700	1700	1400
	.50	2600	2500	2100	2100	2100	2000	1600	1500	1500	1000	700	600
	.10	2100	2100	1700	1600	1400	800	700	700	300	100	0	0
	.90	5700	5700	5700	5700	5700	5700	5700	5700	3600	3100	2600	2500
	.50	4600	4600	4600	4600	4600	4600	4600	4600	2500	2100	1500	1500
	.10	3200	2800	2800	2800	2800	2800	2800	2800	1400	700	600	300
4100	.90	2700	2600	2600	2300	2200	1700	1700	1700	1300	1200	1000	800
	.50	2500	2100	2000	1900	1500	1200	1100	1100	700	300	100	100
	.10	2100	1700	1600	1400	900	700	700	600	0	0	0	0
	.90	3400	3200	3200	3200	3200	2700	2600	2600	2500	1700	1700	1500
	.50	2600	2500	2200	2100	2100	2100	1800	1500	1500	1100	700	600
	.10	2100	2100	1700	1600	1400	900	700	700	300	100	0	0
	.90	5700	5700	5700	5700	5700	5700	5700	5700	3800	3200	2600	2500
	.50	4600	4600	4600	4600	4600	4600	4600	4600	3000	2100	1800	1500
	.10	3200	2800	2800	2800	2800	2800	2800	2800	1400	800	700	300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2800	2600	2600	2300	2200	1700	1700	1700	1400	1200	1100	800
	.50	2500	2100	2100	1900	1500	1300	1100	1100	700	400	200	100
	.10	2100	1700	1700	1400	1100	700	700	600	100	0	0	0
	.90	3400	3400	3200	3200	3200	2900	2600	2600	2500	1800	1700	1500
	.50	2600	2500	2300	2200	2100	2100	1900	1500	1500	1100	700	700
	.10	2100	2100	1700	1700	1400	900	800	700	300	100	0	0
	.90	5800	5800	5800	5800	5800	5800	5800	5800	4300	3200	2600	2500
	.50	4700	4700	4700	4700	4700	4700	4700	4700	3200	2100	1900	1500
	.10	3200	2900	2900	2900	2900	2900	2900	2900	1600	800	700	300
4300	.90	2800	2700	2600	2600	2200	1700	1700	1700	1400	1200	1200	900
	.50	2500	2500	2100	2000	1900	1300	1200	1100	700	400	300	100
	.10	2100	2100	1700	1600	1400	800	700	600	100	0	0	0
	.90	4500	3400	3400	3200	3200	3200	2600	2600	2500	1800	1700	1700
	.50	3400	2600	2300	2300	2100	2100	2000	1900	1500	1300	900	700
	.10	2600	2100	1700	1700	1400	1100	800	700	400	100	0	0
	.90	5800	5800	5800	5800	5800	5800	5800	5800	4300	3200	2600	2500
	.50	4700	4700	4700	4700	4700	4700	4700	4700	3200	2200	1900	1500
	.10	3200	3000	2900	2900	2900	2900	2900	2900	1700	800	700	400
4400	.90	2900	2700	2600	2600	2200	1700	1700	1700	1500	1300	1200	1000
	.50	2600	2500	2100	2000	1900	1300	1200	1100	700	500	300	100
	.10	2100	2100	1700	1600	1400	800	700	700	100	0	0	0
	.90	4600	4600	3400	3400	3200	3200	3100	2600	2500	2200	1700	1700
	.50	3500	3500	2500	2300	2200	2100	2100	1900	1500	1300	1000	700
	.10	2600	2100	2100	1700	1400	1300	800	800	400	100	0	0
	.90	5800	5800	5800	5800	5800	5800	5800	5800	4300	3200	2600	2600
	.50	4700	4700	4700	4700	4700	4700	4700	4700	3200	2200	2100	1500
	.10	3200	3000	2900	2900	2900	2900	2900	2900	1700	800	700	400
4500	.90	3200	2900	2600	2600	2400	2200	1700	1700	1500	1300	1200	1200
	.50	2600	2500	2100	2100	1900	1500	1300	1200	800	600	300	200
	.10	2100	2100	1700	1600	1400	800	700	700	200	0	0	0
	.90	4600	4600	4600	3600	3400	3200	3200	2800	2500	2400	1700	1700
	.50	3500	3500	3500	2500	2300	2100	2100	2100	1500	1400	1100	700
	.10	2600	2100	2100	1700	1600	1400	900	800	400	100	100	0
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4700	3200	3100	2600
	.50	4800	4800	4800	4800	4800	4800	4800	4800	3600	2500	2100	1500
	.10	3200	3000	3000	3000	3000	3000	3000	3000	1800	1100	700	600

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3200	3200	2700	2600	2500	2300	2100	1700	1700	1400	1200	1200
	.50	2600	2500	2100	2100	1900	1500	1400	1300	900	600	400	300
	.10	2100	2100	1700	1700	1400	900	700	700	200	0	0	0
	.90	4600	4600	4600	3600	3400	3200	3200	3200	2500	2400	1800	1700
	.50	3500	3500	3500	2600	2300	2200	2100	2100	1500	1500	1100	800
	.10	2800	2600	2100	1700	1700	1400	1300	800	500	200	100	0
	.90	5900	5900	5900	5900	5900	5900	5900	5900	4700	3600	3100	2600
	.50	4800	4800	4800	4800	4800	4800	4800	4800	3600	2500	2100	1500
	.10	3200	3000	3000	3000	3000	3000	3000	3000	1900	1200	700	700
4700	.90	3200	3200	3200	2700	2600	2500	2200	2000	1700	1400	1300	1200
	.50	3000	2500	2100	2100	1900	1600	1500	1300	900	700	400	300
	.10	2600	2100	1700	1700	1400	900	800	700	200	0	0	0
	.90	4700	4700	4700	4700	3400	3400	3200	3200	2600	2500	2000	1700
	.50	3600	3600	3600	3600	2500	2300	2100	2100	1500	1500	1300	900
	.10	3000	2600	2100	1800	1700	1400	1400	900	600	200	100	0
	.90	6000	6000	6000	6000	6000	6000	6000	6000	4900	3600	3100	2600
	.50	4900	4900	4900	4900	4900	4900	4900	4900	3800	2500	2100	1900
	.10	3200	3100	3100	3100	3100	3100	3100	3100	2000	1400	800	700
4800	.90	3200	3200	3200	3200	2600	2500	2500	2200	1700	1500	1300	1200
	.50	3000	2600	2500	2100	2000	1900	1500	1500	1000	700	500	300
	.10	2600	2100	2100	1700	1400	1300	800	700	300	0	0	0
	.90	4700	4700	4700	4700	3600	3400	3200	3200	2600	2500	2200	1700
	.50	3600	3600	3600	3600	2500	2300	2200	2100	1900	1500	1300	1000
	.10	3000	2600	2100	1800	1700	1400	1400	1100	700	300	100	0
	.90	6000	6000	6000	6000	6000	6000	6000	6000	4900	3600	3200	2600
	.50	4900	4900	4900	4900	4900	4900	4900	4900	3800	2700	2100	1900
	.10	4100	3100	3100	3100	3100	3100	3100	3100	2500	1400	800	700
4900	.90	3200	3200	3200	3200	2600	2500	2500	2400	1700	1500	1400	1300
	.50	3000	2600	2500	2100	2100	1900	1500	1500	1100	700	600	400
	.10	2600	2100	2100	1700	1400	1300	900	700	300	0	0	0
	.90	4800	4800	4800	4800	3600	3400	3400	3200	2600	2500	2400	1700
	.50	3700	3700	3700	3700	2500	2500	2300	2200	1900	1500	1400	1100
	.10	3200	2600	2100	2100	1900	1600	1400	1300	700	300	100	100
	.90	6100	6100	6100	6100	6100	6100	6100	6100	5900	3700	3200	2700
	.50	5000	5000	5000	5000	5000	5000	5000	5000	4800	2700	2200	2100
	.10	4100	3200	3200	3200	3200	3200	3200	3200	3000	1400	1000	700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3400	3200	3200	3200	2700	2600	2500	2500	1700	1600	1400	1300
	.50	3200	2500	2100	2100	2100	1900	1800	1500	1200	700	600	400
	.10	2800	2100	1700	1400	1400	1400	900	800	300	0	0	0
	.90	4800	4800	4800	3600	3600	3600	3400	3200	2800	2500	2400	1800
	.50	3700	3700	3700	3000	3000	2500	2300	2300	2100	1500	1500	1100
	.10	3200	3000	2600	1900	1900	1700	1400	1400	700	400	100	100
	.90	6100	6100	6100	6100	6100	6100	6100	6100	5900	4100	3200	3100
	.50	5000	5000	5000	5000	5000	5000	5000	5000	4800	3100	2500	2100
	.10	4100	3200	3200	3200	3200	3200	3200	3200	3000	1600	1100	700
5100	.90	3600	3200	3200	3200	2900	2600	2500	2500	1800	1700	1400	1300
	.50	3400	3000	2500	2100	2100	1900	1900	1500	1300	800	600	500
	.10	3000	2600	2100	1700	1600	1400	1300	800	400	100	0	0
	.90	4900	4900	4900	4900	4900	3600	3400	3400	3100	2500	2400	2000
	.50	3800	3800	3800	3800	3800	2500	2500	2300	2100	1500	1500	1300
	.10	3200	3000	2600	2100	2000	1700	1400	1400	700	400	100	100
	.90	6100	6100	6100	6100	6100	6100	6100	6100	5900	4300	3600	3100
	.50	5000	5000	5000	5000	5000	5000	5000	5000	4800	3200	2500	2100
	.10	4100	3200	3200	3200	3200	3200	3200	3200	3000	2000	1300	800
5200	.90	3600	3200	3200	3200	3200	2600	2600	2500	2200	1700	1500	1400
	.50	3400	3000	2500	2300	2100	2100	1900	1800	1400	900	700	600
	.10	3000	2600	2100	2000	1600	1400	1300	900	400	100	0	0
	.90	4900	4900	4900	4900	4900	3600	3400	3400	3100	2500	2500	2100
	.50	3800	3800	3800	3800	3800	2500	2500	2300	2100	1500	1500	1300
	.10	3200	3000	2600	2100	2000	1700	1600	1400	700	400	200	100
	.90	6300	6300	6300	6300	6200	6200	6200	6200	5900	4900	3600	3200
	.50	5200	5200	5200	5100	5100	5100	5100	5100	4800	3800	2500	2100
	.10	4100	3400	3400	3400	3300	3300	3300	3300	3000	2000	1400	800
5300	.90	3600	3200	3200	3200	3200	2600	2600	2500	2300	1700	1600	1400
	.50	3400	3000	2600	2500	2100	2100	1900	1900	1500	1000	700	600
	.10	3000	2600	2100	2100	1700	1400	1400	900	400	100	0	0
	.90	5000	5000	5000	5000	5000	3600	3600	3400	3200	2500	2500	2200
	.50	3900	3900	3900	3900	3900	2600	2500	2500	2100	1500	1500	1300
	.10	3200	3000	2600	2100	2100	2100	1600	1400	800	500	300	100
	.90	6300	6300	6300	6300	6300	6200	6200	6200	6200	4900	3700	3200
	.50	5200	5200	5200	5200	5200	5100	5100	5100	5100	3900	2800	2200
	.10	4100	3400	3400	3400	3400	3300	3300	3300	3300	2100	1400	1000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
5400	.90	4000	3600	3200	3200	3200	2600	2600	2500	2400	1700	1700	1400	
	.50	3700	3400	3000	2500	2100	2100	1900	1900	1500	1100	700	600	
	.10	3200	3000	2600	2100	1700	1400	1400	1100	400	100	0	0	
	.90	5000	5000	5000	5000	5000	3700	3600	3600	3200	2600	2500	2400	
	.50	3900	3900	3900	3900	3900	3000	2500	2500	2100	1500	1500	1400	
	.10	3200	3000	3000	2600	2100	2100	1700	1700	1400	800	500	300	100
	.90	6300	6300	6300	6300	6300	6300	6300	6300	6300	6300	5000	4000	3600
	.50	5200	5200	5200	5200	5200	5200	5200	5200	5200	5200	3900	3100	2500
	.10	4100	3400	3400	3400	3400	3400	3400	3400	3400	3400	2600	1600	1300
	.90	4000	3600	3200	3200	3200	2700	2600	2600	2600	2500	1700	1700	1500
5500	.50	3700	3400	3000	2500	2100	2100	2000	1900	1500	1100	700	700	
	.10	3200	3000	2600	2100	1700	1400	1400	1300	400	100	0	0	
	.90	5100	5100	5100	5100	5100	4300	3600	3600	3200	2600	2500	2400	
	.50	4000	4000	4000	4000	4000	3400	2600	2500	2100	1800	1500	1500	
	.10	3200	3000	3000	2600	2200	2200	1700	1600	800	600	300	100	
	.90	6300	6300	6300	6300	6300	6300	6300	6300	6300	5900	4300	3600	
	.50	5200	5200	5200	5200	5200	5200	5200	5200	5200	4800	3200	2500	
	.10	4100	3400	3400	3400	3400	3400	3400	3400	3400	3000	2000	1400	
	.90	4000	3600	3200	3200	3200	2700	2600	2600	2600	1700	1700	1600	
	.50	3700	3400	3000	2500	2100	2100	2100	1900	1900	1500	1300	900	700
5600	.10	3200	3000	2600	2100	1700	1400	1400	1300	400	100	0	0	
	.90	5100	5100	5100	5100	5100	5100	3600	3600	3200	2600	2500	2400	
	.50	4000	4000	4000	4000	4000	3400	2600	2500	2100	1800	1500	1500	
	.10	3200	3000	3000	2600	2200	2200	1700	1600	800	600	300	100	
	.90	6300	6300	6300	6300	6300	6300	6300	6300	6300	5900	4300	3600	
	.50	5200	5200	5200	5200	5200	5200	5200	5200	5200	4800	3200	2500	
	.10	4100	3400	3400	3400	3400	3400	3400	3400	3400	3000	2000	1400	
	.90	4000	3600	3200	3200	3200	2700	2600	2600	2600	1700	1700	1600	
	.50	3700	3400	3000	2600	2100	2100	2100	1900	1900	1500	1300	900	700
	.10	3200	3000	2600	2100	1700	1400	1400	1400	1300	400	100	0	0
5700	.90	5100	5100	5100	5100	5100	5100	3600	3600	3200	2600	2500	2400	
	.50	4000	4000	4000	4000	4000	4000	3000	2500	2200	1900	1500	1500	
	.10	3200	3000	3000	2600	2200	2200	2100	1700	900	700	300	100	
	.90	6400	6400	6400	6400	6400	6400	6400	6400	6400	5900	4900	3600	
	.50	5300	5300	5300	5300	5300	5300	5300	5300	5300	4800	3800	2700	
	.10	4100	3500	3500	3500	3500	3500	3500	3500	3500	3000	2100	1400	
	.90	4000	3600	3200	3200	3200	3200	2600	2600	2500	1900	1700	1700	
	.50	3700	3400	3000	2600	2100	2100	2100	1900	1900	1500	1300	900	700
	.10	3200	3000	2600	2100	1700	1600	1400	1400	600	200	100	0	0
	.90	5200	5200	5200	5200	5200	5200	4100	3600	3200	2600	2500	2500	
5800	.50	4600	4100	4100	4100	4100	4100	3200	2500	2200	2000	1500	1500	
	.10	4100	3000	2600	2600	2300	2300	2100	1700	1000	700	400	200	
	.90	6400	6400	6400	6400	6400	6400	6400	6400	6400	5900	4900	3700	
	.50	5300	5300	5300	5300	5300	5300	5300	5300	5300	4800	3800	3000	
	.10	4300	3500	3500	3500	3500	3500	3500	3500	3500	3000	2200	1500	

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4000	3600	3600	3200	3200	3200	2700	2600	2500	2200	1700	1700
	.50	3700	3400	3400	3000	2300	2100	2100	2000	1500	1400	1000	700
	.10	3200	3000	3000	2600	1800	1600	1400	1400	600	200	100	0
	.90	5200	5200	5200	5200	5200	5200	4300	3600	3200	2600	2500	2500
	.50	4600	4100	4100	4100	4100	4100	3200	3000	2300	2100	1500	1500
	.10	4100	3000	3000	2600	2300	2300	2300	1800	1100	700	400	200
	.90	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900	5100	4300
	.50	5500	5400	5400	5400	5400	5400	5400	5400	5400	4800	4000	3200
	.10	5000	3600	3600	3600	3600	3600	3600	3600	3600	3000	2600	2000
5900	.90	4500	3600	3600	3400	3200	3200	3100	2600	2500	2300	1700	1700
	.50	3700	3400	3400	3000	2300	2100	2100	2100	1500	1500	1100	700
	.10	3200	3000	3000	2600	2000	1600	1400	1400	700	300	100	0
	.90	5200	5200	5200	5200	5200	5200	4300	4000	3200	2800	2500	2500
	.50	4600	4100	4100	4100	4100	4100	3400	3100	2300	2100	1500	1500
	.10	4100	3000	3000	2700	2300	2300	2300	2100	1100	700	400	300
	.90	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900	5900	4400
	.50	5500	5400	5400	5400	5400	5400	5400	5400	5400	4800	4800	3400
	.10	5000	4100	3600	3600	3600	3600	3600	3600	3600	3000	3000	2000
6000	.90	4600	4600	3600	3600	3200	3200	3200	2900	2500	2400	1800	1700
	.50	3700	3500	3400	3000	2500	2200	2100	2100	1500	1500	1200	900
	.10	3200	3000	3000	2600	2100	1700	1400	1400	700	300	100	0
	.90	5300	5300	5300	5300	5300	5300	5300	4200	3300	3100	2500	2500
	.50	4600	4200	4200	4200	4200	4200	4200	3200	2300	2100	1500	1500
	.10	4100	3200	3000	3000	2500	2400	2400	2400	1300	700	500	300
	.90	6600	6600	6600	6600	6600	6600	6600	6600	6600	6300	5900	4900
	.50	5600	5500	5500	5500	5500	5500	5500	5500	5500	5200	4800	3800
	.10	5100	4100	3700	3700	3700	3700	3700	3700	3700	3400	3000	2300
6100	.90	4600	4600	4600	3600	3400	3200	3200	3200	2500	2400	1900	1700
	.50	3800	3500	3500	3400	2500	2300	2100	2100	1600	1500	1300	1000
	.10	3400	3000	3000	2600	2100	1700	1400	1400	700	300	100	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3400	3100	2500	2500
	.50	4600	4200	4200	4200	4200	4200	4200	3200	2500	2100	1500	1500
	.10	4100	3200	3000	3000	2500	2400	2400	2400	1400	700	600	300
	.90	6600	6600	6600	6600	6600	6600	6600	6600	6600	6300	5900	4900
	.50	5600	5500	5500	5500	5500	5500	5500	5500	5500	5200	4800	3800
	.10	5100	4100	3700	3700	3700	3700	3700	3700	3700	3400	3000	2300
	.90	4600	4600	4600	3600	3400	3200	3200	3200	2500	2400	1900	1700
	.50	3800	3500	3500	3400	2500	2300	2100	2100	1600	1500	1300	1000
	.10	3400	3000	3000	2600	2100	1700	1400	1400	700	300	100	0
	.90	5300	5300	5300	5300	5300	5300	5300	4300	3400	3100	2500	2500
	.50	4600	4200	4200	4200	4200	4200	4200	3200	2500	2100	1500	1500
	.10	4100	3200	3000	3000	2500	2400	2400	2400	1400	700	600	300
	.90	6600	6600	6600	6600	6600	6600	6600	6600	6600	6300	5900	4900
	.50	5600	5500	5500	5500	5500	5500	5500	5500	5500	5200	4800	3900
	.10	5100	4100	3700	3700	3700	3700	3700	3700	3700	3400	3000	2500

PAGE 223  
 TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6200	.90	4900	4600	4600	3600	3600	3200	3200	3200	2600	2500	2000	1700	
	.50	4600	3500	3500	3400	3000	2500	2200	2100	1900	1500	1300	1000	
	.10	4100	3000	3000	2700	2100	1700	1600	1400	700	300	100	100	
	.50	.90	5400	5400	5400	5400	5400	5400	5400	4300	3400	3100	2600	2500
		.50	4600	4300	4300	4300	4300	4300	4300	3400	2500	2100	1500	1500
	.10	.90	4100	3200	3000	3000	2600	2500	2500	2500	1400	800	600	300
		.50	6700	6700	6700	6700	6700	6700	6700	6700	6700	6300	5900	5300
	.50	.90	5700	5600	5600	5600	5600	5600	5600	5600	5600	5200	4800	4200
		.10	5200	4100	3900	3800	3800	3800	3800	3800	3800	3400	3000	2700
	6300	.90	4900	4700	4700	4700	3600	3400	3200	3200	2600	2500	2200	1700
.50		4600	3600	3600	3600	3000	2500	2300	2200	1900	1500	1400	1100	
.50	.90	4100	3000	3000	2800	2100	1800	1600	1400	800	400	100	100	
	.10	5400	5400	5400	5400	5400	5400	5400	4300	3600	3100	2600	2500	
.50	.90	4600	4300	4300	4300	4300	4300	4300	3700	2500	2100	1500	1500	
	.10	4100	3200	3000	3000	2600	2500	2500	2500	1400	800	700	300	
.90	.90	6700	6700	6700	6700	6700	6700	6700	6700	6700	6300	5900	5900	
	.50	5700	5600	5600	5600	5600	5600	5600	5600	5600	5200	4800	4800	
.10	.90	5200	4100	4100	3900	3600	3800	3800	3800	3800	3400	3000	3000	
	.50	4900	4700	4700	4700	3600	3400	3300	3200	2600	2500	2400	1800	
6400	.90	4600	3700	3600	3600	3200	2500	2500	2300	2100	1500	1400	1200	
	.50	4100	3200	3000	2900	2500	1800	1700	1400	800	400	200	100	
.50	.90	5500	5500	5500	5500	5500	5500	5500	4900	3600	3100	2600	2500	
	.10	4700	4400	4400	4400	4400	4400	4400	3900	2500	2100	1700	1500	
.10	.90	4300	3200	3000	3000	2600	2600	2600	2600	1500	800	700	300	
	.50	6700	6700	6700	6700	6700	6700	6700	6700	6700	6300	5900	5900	
.50	.90	5800	5600	5600	5600	5600	5600	5600	5600	5600	5200	4800	4800	
	.10	5300	4100	4100	4000	3800	3800	3800	3800	3800	3400	3000	3000	
6500	.90	4900	4800	4800	4800	3600	3600	3400	3200	2900	2500	2400	2000	
	.50	4600	3700	3700	3700	3400	2700	2500	2300	2100	1500	1500	1300	
.50	.90	4100	3200	3000	3000	2600	2000	1700	1600	800	500	300	100	
	.10	5500	5500	5500	5500	5500	5500	5500	5500	3600	3100	2600	2500	
.10	.90	4700	4400	4400	4400	4400	4400	4400	4400	2600	2100	1900	1500	
	.50	4300	3600	3000	3000	2600	2600	2600	2600	1600	900	700	400	
.50	.90	6800	6800	6800	6800	6800	6800	6800	6800	6800	6300	5900	5900	
	.10	5800	5700	5700	5700	5700	5700	5700	5700	5700	5200	4800	4800	
.50	.90	5300	4100	4100	4000	3900	3900	3900	3900	3900	3400	3000	3000	
	.10	4700	4400	4400	4400	4400	4400	4400	4400	2600	2100	1900	1500	
.10	.90	4300	3600	3000	3000	2600	2600	2600	2600	1600	900	700	400	
	.50	6800	6800	6800	6800	6800	6800	6800	6800	6800	6300	5900	5900	
.50	.90	5800	5700	5700	5700	5700	5700	5700	5700	5700	5200	4800	4800	
	.10	5300	4100	4100	4000	3900	3900	3900	3900	3900	3400	3000	3000	

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	.90	4900	4800	4800	3600	3600	3400	3400	3100	2500	2500	2000
	.50	.50	4600	3700	3700	3400	3000	2500	2500	2100	1500	1500	1300
	.10	.10	4100	3000	3000	2600	2100	1900	1700	800	600	300	100
	.90	.90	5600	5600	5600	5600	5600	5600	5600	3600	3200	2600	2500
	.50	.50	4700	4500	4500	4500	4500	4500	4500	3000	2100	1900	1500
	.10	.10	4300	4100	3000	2800	2700	2700	2700	1600	1000	700	400
	.90	.90	6800	6800	6800	6800	6800	6800	6800	6800	6300	5900	5900
	.50	.50	5900	5700	5700	5700	5700	5700	5700	5700	5200	4800	4800
	.10	.10	5400	4100	4000	3900	3900	3900	3900	3900	3400	3000	3000
6700	.90	.90	4900	4900	4900	4900	3600	3400	3400	3200	2500	2500	2200
	.50	.50	4600	3800	3800	3800	3000	2600	2500	2100	1500	1500	1400
	.10	.10	4100	3200	3000	2600	2100	2000	1700	900	600	300	100
	.90	.90	5800	5600	5600	5600	5600	5600	5600	3600	3200	2600	2500
	.50	.50	5500	4500	4500	4500	4500	4500	4500	3000	2200	2000	1500
	.10	.10	5000	4100	3200	2900	2700	2700	2700	1700	1100	700	400
	.90	.90	6900	6900	6900	6900	6900	6900	6900	6900	6300	5900	5900
	.50	.50	5900	5800	5800	5800	5800	5800	5800	5800	5200	4800	4800
	.10	.10	5400	4200	4100	4000	4000	4000	4000	4000	3400	3400	3000
6800	.90	.90	4900	4900	4900	4900	3600	3600	3400	3200	2600	2500	2400
	.50	.50	4700	3800	3800	3800	3000	3000	2500	2100	1700	1500	1400
	.10	.10	4300	3200	3000	2600	2100	2000	2000	1000	700	300	100
	.90	.90	5800	5700	5700	5700	5700	5700	5700	3800	3200	2700	2600
	.50	.50	5500	4600	4600	4600	4600	4600	4600	3200	2300	2100	1500
	.10	.10	5000	4100	3200	3000	2800	2800	2800	2000	1100	700	600
	.90	.90	6900	6900	6900	6900	6900	6900	6900	6900	6300	6300	5900
	.50	.50	6400	5800	5800	5800	5800	5800	5800	5800	5200	5200	4800
	.10	.10	5900	4300	4100	4000	4000	4000	4000	4000	3400	3400	3000
6900	.90	.90	5000	5000	5000	5000	3600	3600	3400	3200	2600	2500	2400
	.50	.50	4700	4100	3900	3900	3400	3000	2600	2200	1900	1500	1500
	.10	.10	4300	3600	3000	2700	2500	2100	2100	1100	700	400	100
	.90	.90	5900	5700	5700	5700	5700	5700	5700	4300	3200	3100	2600
	.50	.50	5600	4600	4600	4600	4600	4600	4600	3200	2500	2100	1500
	.10	.10	5100	4100	3600	3000	2800	2800	2800	2000	1200	800	700
	.90	.90	6900	6900	6900	6900	6900	6900	6900	6900	6300	6300	5900
	.50	.50	6400	5800	5800	5800	5800	5800	5800	5800	5200	5200	4800
	.10	.10	5900	4300	4100	4100	4100	4100	4100	4100	3400	3400	3000
	.90	.90	6900	6900	6900	6900	6900	6900	6900	6900	6300	6300	5900
	.50	.50	6400	5800	5800	5800	5800	5800	5800	5800	5200	5200	4800
	.10	.10	5900	4300	4100	4100	4100	4100	4100	4100	3400	3400	3000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - FEBRUARY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	5000	5000	5000	5000	5000	4000	3600	3600	3200	2600	2500	2400
	.50	4700	4500	3900	3900	3900	3400	3000	3000	2200	1900	1500	1500
	.10	4300	4100	3000	3000	2800	2500	2100	2100	1100	700	400	200
	.90	5900	5800	5800	5800	5800	5800	5800	5800	4300	3300	3100	2600
	.50	5600	4700	4700	4700	4700	4700	4700	4700	3200	2500	2100	1700
	.10	5100	4100	4100	3000	3000	2900	2900	2900	2100	1300	800	700
	.90	6900	6900	6900	6900	6900	6900	6900	6900	6900	6300	6300	5900
	.50	6500	5800	5800	5800	5800	5800	5800	5800	5800	5200	5200	4800
	.10	6000	4500	4200	4200	4100	4000	4000	4000	4000	3400	3400	3000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM:  
 SPAWNING MONTH -- DECEMBER INCUBATION MONTH -- MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	500	400	300	300	100	0	0	0	0	0	0	0
	.50	500	400	300	300	100	0	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	1000	1000	800	800	800	700	600	500	200	0	0	0
	.50	700	600	500	500	400	200	200	200	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	3000	3000	2800	2800	2800	2200	2200	2200	2200	1400	1300	1100
	.50	2400	2400	2200	2200	2200	1700	1700	1700	1600	900	700	500
	.10	1200	1200	1000	1000	1000	800	700	700	400	0	0	0
1500	.90	500	500	400	300	200	100	0	0	0	0	0	0
	.50	500	400	400	300	200	0	0	0	0	0	0	0
	.10	200	200	100	0	0	0	0	0	0	0	0	0
	.90	1000	1000	1000	800	800	800	600	600	200	100	0	0
	.50	700	600	500	500	400	300	200	200	0	0	0	0
	.10	500	300	200	200	100	0	0	0	0	0	0	0
	.90	4100	3000	3000	2800	2800	2800	2200	2200	2200	1400	1300	1100
	.50	3500	2400	2400	2200	2200	2200	1700	1700	1600	900	700	600
	.10	2300	1200	1200	1000	1000	1000	700	700	600	100	0	0
1600	.90	500	500	400	400	300	100	0	0	0	0	0	0
	.50	500	500	400	400	200	100	0	0	0	0	0	0
	.10	300	200	100	100	0	0	0	0	0	0	0	0
	.90	1000	1000	1000	1000	800	800	700	700	300	200	0	0
	.50	900	700	600	500	500	400	200	200	100	0	0	0
	.10	600	400	300	200	100	0	0	0	0	0	0	0
	.90	4200	4200	3000	3000	2800	2800	2200	2200	2200	1400	1300	1100
	.50	3600	3600	2400	2400	2200	2200	1700	1700	1600	900	900	700
	.10	2400	2400	1400	1200	1000	1000	900	700	700	200	0	0
1700	.90	700	500	500	400	300	200	100	0	0	0	0	0
	.50	600	500	400	400	300	100	0	0	0	0	0	0
	.10	300	200	100	100	0	0	0	0	0	0	0	0
	.90	1000	1000	1000	1000	800	800	800	700	400	200	0	0
	.50	900	700	600	500	500	400	300	200	100	0	0	0
	.10	600	400	300	200	100	0	0	0	0	0	0	0
	.90	4200	4200	3000	3000	2800	2800	2200	2200	2200	1400	1300	1100
	.50	3600	3600	2400	2400	2200	2200	1700	1700	1600	900	900	700
	.10	2400	2400	1400	1200	1000	1000	900	700	700	200	0	0
	.90	700	500	500	400	300	200	100	0	0	0	0	0
	.50	600	500	400	400	300	100	0	0	0	0	0	0
	.10	300	200	100	100	0	0	0	0	0	0	0	0
	.90	1000	1000	1000	1000	800	800	800	700	400	200	0	0
	.50	900	700	600	500	500	400	300	200	100	0	0	0
	.10	600	400	300	200	100	0	0	0	0	0	0	0
	.90	4200	4200	4200	3200	3000	2800	2800	2200	2200	1500	1400	1200
	.50	3600	3600	3600	2600	2400	2200	2200	1700	1700	1100	900	700
	.10	2400	2400	2400	1400	1200	1000	1000	800	700	300	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	700	700	500	500	300	200	100	0	0	0	0	0
	.50	700	600	500	400	300	200	100	0	0	0	0	0
	.10	500	300	200	100	0	0	0	0	0	0	0	0
	.90	1300	1000	1000	1000	1000	800	800	800	500	200	100	0
	.50	900	800	700	600	500	500	400	300	100	0	0	0
	.10	600	500	400	300	200	0	0	0	0	0	0	0
	.90	4200	4200	4200	3200	3000	2800	2800	2800	2200	2000	1400	1300
	.50	3600	3600	3600	2600	2400	2200	2200	2200	1700	1400	900	700
	.10	2400	2400	2400	1400	1300	1000	1000	1000	700	400	100	0
1900	.90	700	700	500	500	400	200	200	100	0	0	0	0
	.50	700	600	500	500	300	200	100	0	0	0	0	0
	.10	500	300	200	200	0	0	0	0	0	0	0	0
	.90	1300	1300	1000	1000	1000	800	800	800	600	200	200	0
	.50	1000	900	700	700	500	500	400	300	200	0	0	0
	.10	700	600	400	300	200	100	0	0	0	0	0	0
	.90	4300	4300	4300	4300	3000	3000	2800	2800	2200	2000	1400	1300
	.50	3700	3700	3700	3700	2400	2400	2200	2200	1700	1400	900	800
	.10	2500	2500	2500	2500	1400	1200	1000	1000	700	400	200	0
2000	.90	800	700	600	500	400	300	200	100	0	0	0	0
	.50	700	600	500	500	400	300	100	100	0	0	0	0
	.10	500	400	300	200	100	0	0	0	0	0	0	0
	.90	1400	1400	1400	1300	1000	1000	800	800	600	200	200	0
	.50	1200	1100	900	900	700	500	500	400	200	100	0	0
	.10	900	800	600	400	200	100	0	0	0	0	0	0
	.90	4300	4300	4300	4300	3200	3000	2800	2800	2200	2100	1400	1300
	.50	3700	3700	3700	3700	2600	2400	2300	2200	1700	1600	1000	900
	.10	2500	2500	2500	2500	1400	1300	1200	1000	700	600	200	0
2100	.90	1000	800	700	600	500	300	200	200	0	0	0	0
	.50	900	700	600	500	400	300	200	100	0	0	0	0
	.10	600	400	300	200	100	0	0	0	0	0	0	0
	.90	1400	1400	1400	1400	1200	1000	1000	800	700	400	200	100
	.50	1200	1200	900	900	900	600	500	500	200	100	0	0
	.10	900	900	600	600	300	100	100	0	0	0	0	0
	.90	4400	4400	4400	4400	3200	3000	3000	2800	2200	2200	1500	1400
	.50	3800	3800	3800	3800	2600	2400	2400	2300	1700	1600	1000	900
	.10	2600	2600	2600	2600	1400	1400	1200	1200	700	600	300	100

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1000	800	700	600	500	300	300	200	0	0	0	0
	.50	900	700	600	500	400	300	200	100	0	0	0	0
	.10	700	400	300	200	100	0	0	0	0	0	0	0
	.90	1400	1400	1400	1400	1300	1000	1000	1000	800	500	200	200
	.50	1400	1200	1100	900	900	700	600	500	300	100	0	0
	.10	1100	900	800	600	400	200	100	0	0	0	0	0
	.90	4400	4400	4400	4400	3200	3200	3000	2900	2200	2200	1600	1400
	.50	3800	3800	3800	3800	2600	2600	2400	2400	1700	1600	1200	900
	.10	2600	2600	2600	2600	1600	1400	1300	1200	900	700	400	200
2300	.90	1000	900	700	700	500	400	300	300	0	0	0	0
	.50	900	900	700	600	500	300	300	200	0	0	0	0
	.10	700	600	400	300	200	0	0	0	0	0	0	0
	.90	2200	2200	1400	1400	1400	1300	1000	1000	800	600	200	200
	.50	1600	1600	1200	1100	900	900	700	600	400	200	0	0
	.10	1100	900	900	800	500	200	200	100	0	0	0	0
	.90	4500	4500	4500	4500	4500	3200	3000	3000	2200	2200	2000	1400
	.50	3900	3900	3900	3900	3900	2600	2400	2400	1900	1700	1400	900
	.10	2700	2700	2700	2700	2700	1400	1400	1300	1000	700	400	200
2400	.90	1200	1000	800	800	600	500	400	300	100	0	0	0
	.50	1200	900	700	600	500	400	300	200	0	0	0	0
	.10	900	700	500	400	200	100	0	0	0	0	0	0
	.90	2200	2200	1400	1400	1400	1400	1200	1000	800	700	400	200
	.50	1600	1600	1300	1200	900	900	900	700	400	200	100	0
	.10	1100	1100	900	800	600	300	200	100	0	0	0	0
	.90	4500	4500	4500	4500	4500	3200	3000	3000	2800	2200	2000	1400
	.50	3900	3900	3900	3900	3900	2600	2400	2400	2200	1700	1400	1000
	.10	2700	2700	2700	2700	2700	1400	1400	1300	1000	700	500	200
2500	.90	1200	1200	1000	800	700	500	500	400	200	0	0	0
	.50	1200	1200	900	700	500	400	300	300	0	0	0	0
	.10	900	900	600	400	200	100	0	0	0	0	0	0
	.90	2200	2200	1400	1400	1400	1400	1200	1000	800	700	400	200
	.50	1600	1600	1300	1200	900	900	900	700	400	200	100	0
	.10	1100	1100	900	800	600	300	200	100	0	0	0	0
	.90	4500	4500	4500	4500	4500	3200	3000	3000	2800	2200	2000	1400
	.50	3900	3900	3900	3900	3900	2600	2400	2400	2200	1700	1400	1000
	.10	2700	2700	2700	2700	2700	1400	1400	1300	1000	700	500	200
2500	.90	1200	1200	1000	800	700	500	500	400	200	0	0	0
	.50	1200	1200	900	700	500	400	300	300	0	0	0	0
	.10	900	900	600	400	200	100	0	0	0	0	0	0
	.90	2200	2200	2200	1400	1400	1300	1300	1200	900	700	500	200
	.50	1600	1600	1600	1200	1100	900	900	900	500	200	200	0
	.10	1100	1100	900	900	600	400	300	200	0	0	0	0
	.90	4600	4600	4600	4600	4600	3200	3200	3000	2800	2200	2100	1400
	.50	4000	4000	4000	4000	4000	2600	2600	2400	2200	1700	1600	1000
	.10	2800	2800	2800	2800	2800	1400	1400	1400	1000	700	600	400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1400	1200	1000	1000	800	600	500	500	200	0	0	0
	.50	1400	1200	1000	900	600	500	400	300	0	0	0	0
	.10	1100	900	800	600	300	200	100	0	0	0	0	0
	.90	2200	2200	2200	1400	1400	1400	1400	1300	1000	800	600	400
	.50	1600	1600	1600	1400	1100	900	900	900	500	300	200	100
	.10	1100	1100	900	900	700	500	400	200	0	0	0	0
	.90	4600	4600	4600	4600	4600	3200	3200	3000	2800	2200	2100	1600
	.50	4000	4000	4000	4000	4000	2600	2600	2400	2200	1700	1600	1200
	.10	2800	2800	2800	2800	2800	1800	1400	1400	1000	700	600	400
2700	.90	1400	1300	1200	1000	800	700	600	500	200	0	0	0
	.50	1400	1200	1200	900	700	500	400	300	100	0	0	0
	.10	1100	900	900	600	400	200	100	0	0	0	0	0
	.90	2200	2200	2200	2200	1400	1400	1400	1300	1000	800	700	400
	.50	1700	1600	1600	1600	1200	900	900	900	600	400	200	100
	.10	1400	1100	1000	900	800	600	400	300	0	0	0	0
	.90	4700	4700	4700	4700	4700	3900	3200	3200	2800	2200	2200	1600
	.50	4100	4100	4100	4100	4100	3300	2600	2600	2200	1700	1600	1300
	.10	2900	2900	2900	2900	2900	2100	1400	1400	1200	700	700	400
2800	.90	1400	1400	1200	1200	1000	800	700	600	300	100	0	0
	.50	1400	1400	1200	1100	900	500	500	400	100	0	0	0
	.10	1100	1100	900	800	600	200	200	100	0	0	0	0
	.90	2200	2200	2200	2200	1400	1400	1400	1400	1000	800	800	600
	.50	1800	1600	1600	1600	1200	1100	900	900	700	400	200	200
	.10	1500	1100	1000	900	800	600	400	400	0	0	0	0
	.90	4700	4700	4700	4700	4700	4700	3200	3200	2800	2200	2200	2000
	.50	4100	4100	4100	4100	4100	4100	2600	2600	2300	1700	1600	1400
	.10	2900	2900	2900	2900	2900	2900	1600	1400	1200	700	700	500
2900	.90	1400	1400	1200	1200	1000	800	800	700	400	200	0	0
	.50	1400	1400	1200	1200	900	600	500	500	200	0	0	0
	.10	1100	1100	900	900	600	300	200	100	0	0	0	0
	.90	2800	2200	2200	2200	1400	1400	1400	1400	1100	1000	800	600
	.50	2200	1800	1600	1600	1300	1100	900	900	700	500	300	200
	.10	1500	1500	1100	1000	900	600	500	400	100	0	0	0
	.90	4800	4800	4800	4800	4800	4800	3700	3200	2800	2200	2200	2000
	.50	4200	4200	4200	4200	4200	4200	3100	2600	2300	1700	1700	1400
	.10	3000	3000	3000	3000	3000	3000	1900	1600	1300	800	700	600

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1400	1400	1300	1200	1000	1000	800	800	500	200	0	0
	.50	1400	1400	1200	1200	900	700	600	500	200	0	0	0
	.10	1100	1100	900	900	600	400	200	200	0	0	0	0
	.90	2800	2800	2200	2200	2200	1400	1400	1400	1200	1000	800	700
	.50	2200	2200	1900	1700	1600	1200	1100	900	800	500	400	200
	.10	1700	1600	1100	1000	900	800	600	500	200	0	0	0
	.90	4800	4800	4800	4800	4800	4800	3900	3200	2800	2200	2200	2100
	.50	4200	4200	4200	4200	4200	4200	3300	2600	2300	1700	1700	1600
	.10	3000	3000	3000	3000	3000	3000	2100	1600	1300	900	700	600
3100	.90	1400	1400	1300	1200	1100	1000	800	800	600	200	100	0
	.50	1400	1400	1200	1200	1100	800	600	500	200	0	0	0
	.10	1100	1100	900	900	800	500	300	200	0	0	0	0
	.90	2800	2800	2800	2200	2200	2000	1400	1400	1300	1000	800	800
	.50	2200	2200	2200	1900	1600	1400	1200	1100	900	500	400	300
	.10	1800	1600	1100	1000	900	800	600	600	200	0	0	0
	.90	4800	4800	4800	4800	4800	4800	3900	3400	2900	2200	2200	2100
	.50	4200	4200	4200	4200	4200	4200	3300	2900	2400	1700	1700	1600
	.10	3000	3000	3000	3000	3000	3000	2100	2000	1300	1000	700	700
3200	.90	1800	1400	1400	1300	1200	1000	1000	800	600	300	200	0
	.50	1700	1400	1300	1200	1100	900	700	600	300	100	0	0
	.10	1400	1100	1000	900	800	600	400	300	0	0	0	0
	.90	2800	2800	2800	2800	2200	2000	1400	1400	1300	1000	900	800
	.50	2200	2200	2200	1900	1600	1400	1200	1100	900	500	400	300
	.10	1800	1600	1100	1000	900	800	600	600	200	0	0	0
	.90	4800	4800	4800	4800	4800	4800	3900	3400	2900	2200	2200	2100
	.50	4200	4200	4200	4200	4200	4200	3300	2900	2400	1700	1700	1600
	.10	3000	3000	3000	3000	3000	3000	2100	2000	1300	1000	700	700
3300	.90	1800	1400	1400	1300	1200	1000	1000	800	600	300	200	0
	.50	1700	1400	1300	1200	1100	900	700	600	300	100	0	0
	.10	1400	1100	1000	900	800	600	400	300	0	0	0	0
	.90	2800	2800	2800	2800	2200	2000	1400	1400	1300	1000	900	800
	.50	2200	2200	2200	2200	1700	1600	1400	1200	900	600	500	400
	.10	1900	1800	1600	1100	1000	900	700	600	300	0	0	0
	.90	4900	4900	4900	4900	4900	4900	4900	3800	2900	2200	2200	2200
	.50	4300	4300	4300	4300	4300	4300	4300	3200	2400	1800	1700	1600
	.10	3100	3100	3100	3100	3100	3100	3100	2000	1400	1000	700	700
	.90	1900	1400	1400	1300	1200	1000	1000	900	700	400	200	0
	.50	1800	1400	1300	1200	1200	900	700	700	400	100	0	0
	.10	1500	1100	1100	900	900	600	400	300	0	0	0	0
	.90	2800	2800	2800	2800	2200	2200	2200	1700	1400	1100	1000	800
	.50	2300	2200	2200	2200	1700	1700	1600	1400	900	700	500	400
	.10	2000	1900	1600	1100	1000	900	800	700	400	0	0	0
	.90	4900	4900	4900	4900	4900	4900	4900	3900	2900	2200	2200	2200
	.50	4300	4300	4300	4300	4300	4300	4300	3300	2400	1900	1700	1600
	.10	3100	3100	3100	3100	3100	3100	3100	2100	1400	1000	700	700
	.90	1900	1400	1400	1300	1200	1000	1000	900	700	400	200	0
	.50	1800	1400	1300	1200	1200	900	700	700	400	100	0	0
	.10	1500	1100	1100	900	900	600	400	300	0	0	0	0
	.90	2800	2800	2800	2800	2200	2200	2200	1700	1400	1100	1000	800
	.50	2300	2200	2200	2200	1700	1700	1600	1400	900	700	500	400
	.10	2000	1900	1600	1100	1000	900	800	700	400	0	0	0
	.90	4900	4900	4900	4900	4900	4900	4900	3900	2900	2200	2200	2200
	.50	4300	4300	4300	4300	4300	4300	4300	3300	2400	1900	1700	1600
	.10	3100	3100	3100	3100	3100	3100	3100	2100	1400	1000	700	700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2000	1900	1400	1400	1200	1000	1000	1000	700	500	200	100
	.50	2000	1800	1400	1300	1200	900	800	700	400	100	0	0
	.10	1700	1500	1100	1000	900	600	600	400	0	0	0	0
	.90	2800	2800	2800	2800	2200	2200	2200	2100	1400	1200	1000	900
	.50	2300	2200	2200	2200	1900	1700	1700	1600	900	700	600	500
	.10	2000	1900	1600	1600	1000	900	900	700	400	0	0	0
	.90	5000	5000	5000	5000	5000	5000	5000	3900	2900	2300	2200	2200
	.50	4400	4400	4400	4400	4400	4400	4400	3300	2400	2000	1700	1600
	.10	3200	3200	3200	3200	3200	3200	3200	2100	1400	1000	700	700
	.90	2100	2000	1400	1400	1300	1200	1000	1000	800	500	200	200
3500	.50	2100	1900	1400	1300	1200	1000	900	700	500	200	0	0
	.10	1800	1600	1100	1000	900	700	600	400	100	0	0	0
	.90	2800	2800	2800	2800	2200	2200	2200	2200	1400	1200	1000	1000
	.50	2400	2200	2200	2200	2200	1700	1700	1600	1100	800	600	500
	.10	2100	1900	1700	1600	1000	1000	900	800	500	100	0	0
	.90	5000	5000	5000	5000	5000	5000	5000	3900	3000	2400	2200	2200
	.50	4400	4400	4400	4400	4400	4400	4400	3300	2500	2100	1700	1700
	.10	3200	3200	3200	3200	3200	3200	3200	2300	1400	1000	700	700
	.90	2200	2100	1400	1400	1400	1200	1100	1000	800	600	400	200
	.50	2200	2100	1400	1300	1200	1100	900	900	500	200	100	0
3600	.10	1900	1800	1100	1100	900	800	600	500	100	0	0	0
	.90	2800	2800	2800	2800	2800	2200	2200	2200	1400	1300	1100	1000
	.50	2400	2200	2200	2200	2200	1700	1700	1700	1200	900	700	500
	.10	2100	1900	1800	1600	1100	1000	900	900	600	200	0	0
	.90	5100	5100	5100	5100	5100	5100	5100	4500	3200	2800	2200	2200
	.50	4500	4500	4500	4500	4500	4500	4500	3900	2600	2200	1700	1700
	.10	3300	3300	3300	3300	3300	3300	3300	2700	1500	1100	700	700
	.90	2200	2200	2000	1400	1400	1200	1100	1100	800	600	400	200
	.50	2200	2200	1900	1400	1200	1100	900	900	500	200	100	0
	.10	1900	1900	1600	1100	900	800	600	600	200	0	0	0
3700	.90	2800	2800	2800	2800	2800	2200	2200	2200	1400	1300	1100	1000
	.50	2600	2200	2200	2200	2200	1900	1700	1700	1300	900	700	500
	.10	2300	1900	1800	1600	1100	1000	900	900	600	200	0	0
	.90	5100	5100	5100	5100	5100	5100	5100	4500	3200	2800	2200	2200
	.50	4500	4500	4500	4500	4500	4500	4500	3900	2600	2200	1700	1700
	.10	3300	3300	3300	3300	3300	3300	3300	2700	1500	1100	700	700
	.90	2200	2200	2000	1400	1400	1200	1100	1100	800	600	400	200
	.50	2200	2200	1900	1400	1200	1100	900	900	500	200	100	0
	.10	1900	1900	1600	1100	900	800	600	600	200	0	0	0
	.90	2800	2800	2800	2800	2800	2800	2200	2200	1400	1300	1100	1000
3800	.50	2600	2200	2200	2200	2200	1900	1700	1700	1300	900	700	500
	.10	2300	1900	1800	1600	1100	1000	900	900	600	200	0	0
	.90	5100	5100	5100	5100	5100	5100	5100	4500	3200	2800	2200	2200
	.50	4500	4500	4500	4500	4500	4500	4500	3900	2600	2200	1700	1700
	.10	3300	3300	3300	3300	3300	3300	3300	2700	1500	1100	700	700
	.90	2200	2200	2000	1400	1400	1200	1100	1100	800	600	400	200
	.50	2200	2200	1900	1400	1200	1100	900	900	500	200	100	0
	.10	1900	1900	1600	1100	900	800	600	600	200	0	0	0
	.90	2800	2800	2800	2800	2800	2800	2200	2200	1400	1300	1100	1000
	.50	2600	2200	2200	2200	2200	2200	1900	1700	1300	900	700	500
3900	.10	2300	1900	1800	1600	1100	1000	900	900	600	200	0	0
	.90	5100	5100	5100	5100	5100	5100	5100	4500	3200	2800	2200	2200
	.50	4500	4500	4500	4500	4500	4500	4500	3900	2600	2200	1700	1700
	.10	3300	3300	3300	3300	3300	3300	3300	2700	1500	1100	700	700
	.90	2200	2200	2000	1400	1400	1200	1100	1100	800	600	400	200
	.50	2200	2200	1900	1400	1200	1100	900	900	500	200	100	0
	.10	1900	1900	1600	1100	900	800	600	600	200	0	0	0
	.90	2800	2800	2800	2800	2800	2800	2200	2200	1400	1300	1100	1000
	.50	2600	2200	2200	2200	2200	2200	1900	1700	1300	900	700	500
	.10	2300	1900	1800	1600	1100	1000	900	900	600	200	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2400	2200	2000	2000	1400	1400	1300	1200	1000	700	500	200
	.50	2300	2200	1900	1900	1300	1200	1100	900	600	300	200	0
	.10	2000	1900	1600	1600	1000	900	700	600	200	0	0	0
	.90	2800	2800	2800	2800	2800	2200	2200	2200	2000	1400	1200	1100
	.50	2600	2200	2200	2200	2200	1900	1700	1700	1400	900	700	600
	.10	2300	1900	1900	1600	1300	1000	1000	900	700	300	0	0
	.90	5200	5200	5200	5200	5200	5200	5200	5200	3200	2800	2200	2200
	.50	4600	4600	4600	4600	4600	4600	4600	4600	2600	2200	1700	1700
	.10	3400	3400	3400	3400	3400	3400	3400	3400	1600	1300	900	700
3900	.90	2400	2200	2100	2000	1400	1400	1400	1300	1000	800	600	400
	.50	2300	2200	1900	1900	1300	1200	1100	900	700	400	200	100
	.10	2000	1900	1600	1600	1000	900	800	600	200	0	0	0
	.90	2800	2800	2800	2800	2800	2200	2200	2200	2000	1400	1300	1100
	.50	2600	2600	2200	2200	2200	1900	1700	1700	1600	900	800	700
	.10	2300	2300	1900	1800	1600	1000	1000	900	700	400	100	0
	.90	5200	5200	5200	5200	5200	5200	5200	5200	3200	2800	2200	2200
	.50	4600	4600	4600	4600	4600	4600	4600	4600	2600	2200	1700	1700
	.10	3400	3400	3400	3400	3400	3400	3400	3400	1600	1300	900	700
4000	.90	2500	2200	2200	2000	1400	1400	1400	1300	1000	800	700	400
	.50	2400	2200	2100	1900	1400	1200	1200	1100	700	400	200	100
	.10	2100	1900	1800	1600	1100	900	800	700	200	0	0	0
	.90	2900	2800	2800	2800	2800	2200	2200	2200	2200	1400	1300	1100
	.50	2600	2600	2200	2200	2200	2100	1700	1700	1600	1100	900	700
	.10	2300	2300	1900	1800	1600	1000	1000	1000	700	400	200	0
	.90	5300	5300	5300	5300	5300	5300	5300	5300	3200	2800	2200	2200
	.50	4700	4700	4700	4700	4700	4700	4700	4700	2600	2300	1700	1700
	.10	3500	3500	3500	3500	3500	3500	3500	3500	1900	1400	1000	700
4100	.90	2600	2200	2200	2200	2000	1400	1400	1400	1000	800	800	500
	.50	2600	2200	2100	1900	1600	1200	1200	1100	900	500	300	200
	.10	2300	1900	1800	1600	1100	900	900	800	300	0	0	0
	.90	3000	2900	2800	2800	2800	2400	2200	2200	2200	1400	1400	1200
	.50	2600	2600	2400	2200	2200	2200	1900	1700	1600	1100	900	700
	.10	2300	2300	1900	1800	1600	1100	1000	1000	700	500	200	0
	.90	5300	5300	5300	5300	5300	5300	5300	5300	3400	2800	2200	2200
	.50	4700	4700	4700	4700	4700	4700	4700	4700	2600	2300	1700	1700
	.10	3500	3500	3500	3500	3500	3500	3500	3500	1900	1400	1000	700
4100	.90	2600	2200	2200	2200	2000	1400	1400	1400	1000	800	800	500
	.50	2600	2200	2100	1900	1600	1200	1200	1100	900	500	300	200
	.10	2300	1900	1800	1600	1100	900	900	800	300	0	0	0
	.90	3000	2900	2800	2800	2800	2400	2200	2200	2200	1400	1400	1200
	.50	2600	2600	2400	2200	2200	2200	1900	1700	1600	1100	900	700
	.10	2300	2300	1900	1800	1600	1100	1000	1000	700	500	200	0
	.90	5300	5300	5300	5300	5300	5300	5300	5300	3400	2800	2200	2200
	.50	4700	4700	4700	4700	4700	4700	4700	4700	2600	2300	1700	1700
	.10	3500	3500	3500	3500	3500	3500	3500	3500	1900	1400	1000	700
4100	.90	2600	2200	2200	2200	2000	1400	1400	1400	1000	800	800	500
	.50	2600	2200	2100	1900	1600	1200	1200	1100	900	500	300	200
	.10	2300	1900	1800	1600	1100	900	900	800	300	0	0	0
	.90	3000	2900	2800	2800	2800	2400	2200	2200	2200	1400	1400	1200
	.50	2600	2600	2400	2200	2200	2200	1900	1700	1600	1100	900	700
	.10	2300	2300	1900	1800	1600	1100	1000	1000	700	500	200	0
	.90	5300	5300	5300	5300	5300	5300	5300	5300	3400	2800	2200	2200
	.50	4700	4700	4700	4700	4700	4700	4700	4700	2600	2300	1700	1700
	.10	3500	3500	3500	3500	3500	3500	3500	3500	1900	1400	1000	700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2600	2200	2200	2200	2000	1400	1400	1400	1100	900	800	600
	.50	2600	2200	2200	1900	1600	1300	1200	1100	900	500	300	200
	.10	2300	1900	1900	1600	1300	900	900	800	300	0	0	0
	.90	3000	3000	2900	2800	2800	2700	2200	2200	2200	1400	1400	1300
	.50	2600	2600	2400	2400	2200	2200	1900	1700	1700	1200	900	800
	.10	2300	2300	1900	1900	1600	1200	1000	1000	700	600	200	0
	.90	5400	5400	5400	5400	5400	5400	5400	5400	3900	2800	2200	2200
	.50	4800	4800	4800	4800	4800	4800	4800	4800	3300	2300	1900	1700
	.10	3600	3600	3600	3600	3600	3600	3600	3600	2100	1400	1000	700
4300	.90	2600	2600	2200	2200	2000	1400	1400	1400	1200	1000	800	700
	.50	2600	2600	2200	2100	1900	1300	1200	1200	900	500	400	200
	.10	2300	2300	1900	1800	1600	1000	900	800	400	0	0	0
	.90	4100	3000	3000	2900	2800	2800	2200	2200	2200	1700	1400	1300
	.50	3500	2600	2400	2400	2200	2200	2100	1900	1700	1400	900	900
	.10	2800	2300	1900	1900	1600	1400	1100	1000	700	600	400	100
	.90	5400	5400	5400	5400	5400	5400	5400	5400	3900	2900	2300	2200
	.50	4800	4800	4800	4800	4800	4800	4800	4800	3300	2400	2000	1700
	.10	3600	3600	3600	3600	3600	3600	3600	3600	2100	1400	1200	700
4400	.90	2700	2600	2200	2200	2000	1500	1400	1400	1300	1000	800	800
	.50	2600	2600	2200	2100	1900	1400	1200	1200	900	600	400	200
	.10	2300	2300	1900	1800	1600	1000	900	900	400	0	0	0
	.90	4200	4200	3000	3000	2800	2800	2800	2200	2200	2000	1400	1300
	.50	3600	3600	2600	2400	2400	2200	2200	1900	1700	1400	1000	900
	.10	2800	2400	2300	1900	1600	1500	1300	1100	800	700	400	200
	.90	5400	5400	5400	5400	5400	5400	5400	5400	3900	2900	2400	2200
	.50	4800	4800	4800	4800	4800	4800	4800	4800	3300	2400	2000	1700
	.10	3600	3600	3600	3600	3600	3600	3600	3600	2100	1400	1200	700
4500	.90	2700	2600	2200	2200	2000	1500	1400	1400	1300	1000	800	800
	.50	2600	2600	2200	2100	1900	1400	1200	1200	900	600	400	200
	.10	2300	2300	1900	1800	1600	1000	900	900	400	0	0	0
	.90	4200	4200	3000	3000	2800	2800	2800	2200	2200	2000	1400	1300
	.50	3600	3600	2600	2400	2400	2200	2200	1900	1700	1400	1000	900
	.10	2800	2400	2300	1900	1600	1500	1300	1100	800	700	400	200
	.90	5400	5400	5400	5400	5400	5400	5400	5400	3900	2900	2400	2200
	.50	4800	4800	4800	4800	4800	4800	4800	4800	3300	2400	2100	1700
	.10	3600	3600	3600	3600	3600	3600	3600	3600	2300	1400	1300	900
4500	.90	2800	2700	2200	2200	2200	2000	1400	1400	1300	1000	900	800
	.50	2600	2600	2200	2200	2200	1600	1300	1200	900	700	500	400
	.10	2300	2300	1900	1800	1600	1000	900	900	400	0	0	0
	.90	4200	4200	4200	3200	3000	2800	2800	2600	2200	2000	1400	1400
	.50	3600	3600	3600	2600	2400	2300	2200	2200	1700	1600	1100	900
	.10	2800	2400	2400	2300	1800	1600	1400	1200	900	700	400	200
	.90	5500	5500	5500	5500	5500	5500	5500	5500	4300	2900	2800	2200
	.50	4900	4900	4900	4900	4900	4900	4900	4900	3700	2600	2200	1700
	.10	3700	3700	3700	3700	3700	3700	3700	3700	2500	1500	1300	1000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2800	2600	2200	2200	2200	2100	1900	1400	1400	1100	1000	800
	.50	2600	2200	2200	1900	1600	1700	1500	1300	900	700	500	400
	.10	2300	1900	1900	1900	1600	1100	1000	900	500	100	0	0
	.90	4200	4200	3200	3200	3000	2900	2800	2800	2200	2100	1500	1400
	.50	3600	3600	2600	2600	2400	2400	2200	2200	1700	1600	1200	900
	.10	3000	2400	2300	2300	1900	1600	1500	1400	900	700	500	200
	.90	5500	5500	5500	5500	5500	5500	5500	5500	4300	3200	2800	2200
	.50	4900	4900	4900	4900	4900	4900	4900	4900	3700	2600	2200	1700
	.10	3700	3700	3700	3700	3700	3700	3700	3700	2500	1600	1400	1000
4700	.90	3100	2800	2600	2600	2200	2200	2000	1800	1400	1100	1000	800
	.50	3100	2200	2200	1900	1900	1700	1600	1500	1000	700	500	400
	.10	2800	1900	1900	1900	1600	1100	1000	900	600	100	0	0
	.90	4300	4300	4300	4300	3100	3000	2800	2800	2200	2200	1600	1400
	.50	3700	3700	3700	3700	2600	2400	2300	2200	1700	1600	1300	1000
	.10	3200	2500	2500	2500	1900	1600	1600	1400	1000	700	600	400
	.90	5600	5600	5600	5600	5600	5600	5600	5600	4500	3200	2800	2200
	.50	5000	5000	5000	5000	5000	5000	5000	5000	3900	2600	2300	1900
	.10	3800	3800	3800	3800	3800	3800	3800	3800	2700	1800	1400	1000
4800	.90	3100	2800	2800	2800	2200	2200	2200	2000	1400	1200	1000	900
	.50	3100	2600	2600	2200	2100	1900	1700	1600	1100	900	600	500
	.10	2800	2300	2300	1900	1600	1500	1000	900	600	200	0	0
	.90	4300	4300	4300	4300	3200	3000	2900	2800	2200	2200	2000	1400
	.50	3700	3700	3700	3700	2600	2400	2400	2300	1900	1700	1400	1100
	.10	3200	2500	2500	2500	1900	1600	1600	1400	1000	700	600	400
	.90	5600	5600	5600	5600	5600	5600	5600	5600	4500	3200	2800	2300
	.50	5000	5000	5000	5000	5000	5000	5000	5000	3900	2900	2300	2000
	.10	4300	3800	3800	3800	3800	3800	3800	3800	2800	1900	1400	1300
4900	.90	3100	2800	2800	2800	2200	2200	2200	2200	1400	1300	1100	1000
	.50	3100	2600	2600	2200	2200	1900	1700	1700	1200	900	700	500
	.10	2800	2300	2300	1900	1600	1500	1000	1000	600	200	0	0
	.90	4300	4300	4300	4300	3200	3000	2900	2800	2200	2200	2000	1400
	.50	3700	3700	3700	3700	2600	2400	2400	2300	1900	1700	1400	1100
	.10	3200	2800	2500	2500	1900	1600	1600	1400	1000	700	600	400
	.90	5600	5600	5600	5600	5600	5600	5600	5600	4500	3200	2800	2300
	.50	5000	5000	5000	5000	5000	5000	5000	5000	3900	2900	2300	2000
	.10	4300	3800	3800	3800	3800	3800	3800	3800	2800	1900	1400	1300
4900	.90	3100	2800	2800	2800	2200	2200	2200	2200	1400	1300	1100	1000
	.50	3100	2600	2600	2200	2200	1900	1700	1700	1200	900	700	500
	.10	2800	2300	2300	1900	1600	1500	1000	1000	600	200	0	0
	.90	4400	4400	4400	4400	3200	3000	3000	2900	2200	2200	2000	1500
	.50	3800	3800	3800	3800	2600	2600	2400	2400	2000	1700	1600	1200
	.10	3400	2800	2600	2600	2300	1800	1600	1500	1100	700	700	500
	.90	5700	5700	5700	5700	5700	5700	5700	5700	4500	3400	2900	2400
	.50	5100	5100	5100	5100	5100	5100	5100	5100	4900	2900	2400	2200
	.10	4300	3900	3900	3900	3900	3900	3900	3900	3700	2000	1400	1300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM: SPawning MONTH -- DECEMBER INCUBATION MONTH -- MARCH

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3300	3100	2800	2800	2600	2200	2200	2200	1400	1300	1100	1000
	.50	3300	3100	2600	2200	2200	1900	1800	1700	1200	900	700	500
	.10	3000	2800	2300	1900	1600	1600	1100	1000	700	300	0	0
	.90	4400	4400	4400	4400	3500	3200	3000	2900	2600	2200	2100	1600
	.50	3800	3800	3800	3800	3100	2600	2400	2400	2200	1700	1600	1200
	.10	3400	3200	2800	2600	2600	1900	1600	1600	1200	700	700	500
	.90	5700	5700	5700	5700	5700	5700	5700	5700	5500	3800	2900	2800
	.50	5100	5100	5100	5100	5100	5100	5100	5100	4900	3300	2600	2200
	.10	4300	3900	3900	3900	3900	3900	3900	3900	3700	2100	1500	1400
	.90	3500	3100	2800	2800	2700	2200	2200	2200	1600	1400	1200	1000
5100	.50	3500	3100	2600	2200	2200	2000	1900	1700	1400	900	700	600
	.10	3200	2800	2300	1900	1800	1600	1500	1000	700	400	0	0
	.90	4500	4500	4500	4500	4500	3200	3000	3000	2800	2200	2100	1700
	.50	3900	3900	3900	3900	3900	2600	2600	2400	2200	1700	1600	1400
	.10	3400	3200	2800	2700	2700	1900	1700	1600	1200	900	700	600
	.90	5700	5700	5700	5700	5700	5700	5700	5700	5500	3900	3200	2800
	.50	5100	5100	5100	5100	5100	5100	5100	5100	4900	3300	2600	2300
	.10	4300	3900	3900	3900	3900	3900	3900	3900	3700	2300	1600	1400
	.90	3500	3100	2800	2800	2800	2200	2200	2200	2000	1400	1200	1100
	.50	3500	3100	2600	2400	2200	2200	1900	1800	1600	1000	800	600
5200	.10	3200	2800	2300	2200	1800	1600	1500	1100	700	500	200	0
	.90	4500	4500	4500	4500	4500	3200	3100	3000	2800	2200	2200	1900
	.50	3900	3900	3900	3900	3900	2600	2600	2400	2200	1700	1600	1400
	.10	3400	3200	2800	2700	2700	1900	1700	1600	1200	900	700	600
	.90	5700	5700	5700	5700	5700	5700	5700	5700	5500	3900	3200	2800
	.50	5100	5100	5100	5100	5100	5100	5100	5100	4900	3300	2600	2300
	.10	4300	3900	3900	3900	3900	3900	3900	3900	3700	2300	1600	1400
	.90	3500	3100	2800	2800	2800	2200	2200	2200	2000	1400	1200	1100
	.50	3500	3100	2600	2400	2200	2200	1900	1800	1600	1000	800	600
	.10	3200	2800	2300	2200	1800	1600	1500	1100	700	500	200	0
5300	.90	4500	4500	4500	4500	4500	3200	3100	3000	2800	2200	2200	1900
	.50	3900	3900	3900	3900	3900	2600	2600	2400	2200	1700	1600	1400
	.10	3400	3200	2800	2700	2700	1900	1800	1600	1300	900	700	600
	.90	5900	5900	5900	5900	5800	5800	5800	5800	5500	4500	3200	2800
	.50	5300	5300	5300	5300	5200	5200	5200	5200	4900	3900	2600	2300
	.10	4300	4100	4100	4100	4000	4000	4000	4000	3700	2700	1900	1400
	.90	3500	3100	2800	2800	2800	2200	2200	2200	2000	1400	1300	1100
	.50	3500	3100	2600	2600	2200	2200	1900	1900	1600	1100	900	700
	.10	3200	2800	2300	2300	1900	1600	1600	1100	700	500	200	0
	.90	4600	4600	4600	4600	4600	3200	3200	3000	2800	2200	2200	2000
5500	.50	4000	4000	4000	4000	4000	2800	2600	2600	2200	1700	1700	1400
	.10	3400	3200	2800	2800	2800	2300	1900	1600	1300	1000	700	600
	.90	5900	5900	5900	5900	5900	5800	5800	5800	5800	4600	3400	2900
	.50	5300	5300	5300	5300	5300	5200	5200	5200	5200	4000	3000	2400
	.10	4300	4100	4100	4100	4000	4000	4000	4000	3700	2700	1900	1400
	.90	3500	3100	2800	2800	2800	2200	2200	2200	2000	1400	1300	1100
	.50	3500	3100	2600	2600	2200	2200	1900	1900	1600	1100	900	700
	.10	3200	2800	2300	2300	1900	1600	1600	1100	700	500	200	0
	.90	4600	4600	4600	4600	4600	3200	3200	3000	2800	2200	2200	2000
	.50	4000	4000	4000	4000	4000	2800	2600	2600	2200	1700	1700	1400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3800	3500	3100	2800	2800	2300	2200	2200	2100	1400	1300	1200
	.50	3700	3500	3100	2600	2200	2200	1900	1900	1700	1100	900	700
	.10	3400	3200	2800	2300	1900	1600	1600	1300	800	600	200	0
	.90	4600	4600	4600	4600	4600	3500	3200	3200	2800	2200	2200	2000
	.50	4000	4000	4000	4000	4000	3100	2600	2600	2300	1700	1700	1600
	.10	3400	3200	3200	2800	2800	2800	1900	1800	1400	1000	700	700
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5900	4600	3800	3200
	.50	5300	5300	5300	5300	5300	5300	5300	5300	5300	4000	3200	2600
	.10	4300	4100	4100	4100	4100	4100	4100	4100	4100	3100	2100	1500
5500	.90	3800	3500	3100	2800	2800	2600	2200	2200	2200	1400	1400	1300
	.50	3700	3500	3100	2600	2200	2200	2100	1900	1700	1200	900	800
	.10	3400	3200	2800	2300	1900	1600	1600	1500	800	600	300	0
	.90	4700	4700	4700	4700	4700	3900	3200	3200	2800	2200	2200	2100
	.50	4100	4100	4100	4100	4100	3500	2600	2600	2300	1800	1700	1600
	.10	3400	3200	3200	2900	2900	2900	2100	1900	1400	1000	700	700
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5900	5500	3900	3200
	.50	5300	5300	5300	5300	5300	5300	5300	5300	5300	4900	3300	2600
	.10	4300	4100	4100	4100	4100	4100	4100	4100	4100	3700	2500	1900
5600	.90	3800	3500	3100	2900	2800	2600	2200	2200	2200	1500	1400	1300
	.50	3700	3500	3100	2600	2200	2200	2200	1900	1700	1300	900	900
	.10	3400	3200	2800	2300	1900	1600	1600	1500	900	600	400	100
	.90	4700	4700	4700	4700	4700	4700	3400	3200	2800	2200	2200	2100
	.50	4100	4100	4100	4100	4100	4100	3100	2600	2300	1900	1700	1600
	.10	3400	3200	3200	2900	2900	2900	2300	1900	1400	1000	700	700
	.90	6000	6000	6000	6000	6000	6000	6000	6000	6000	5500	4500	3200
	.50	5400	5400	5400	5400	5400	5400	5400	5400	5400	4900	3900	2900
	.10	4300	4200	4200	4200	4200	4200	4200	4200	4200	3700	2700	2000
5700	.90	3800	3500	3100	2900	2800	2800	2200	2200	2200	1700	1400	1300
	.50	3700	3500	3100	2600	2200	2200	2200	1900	1700	1400	1000	900
	.10	3400	3200	2800	2300	1900	1800	1600	1600	900	700	400	200
	.90	4800	4800	4800	4800	4800	4800	3700	3200	2900	2200	2200	2200
	.50	4600	4200	4200	4200	4200	4200	3300	2600	2400	2100	1700	1600
	.10	4300	3200	3200	3000	3000	3000	2300	2100	1400	1200	800	700
	.90	6000	6000	6000	6000	6000	6000	6000	6000	6000	5500	4500	3500
	.50	5400	5400	5400	5400	5400	5400	5400	5400	5400	4900	3900	3100
	.10	4500	4200	4200	4200	4200	4200	4200	4200	4200	3700	2900	2100

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH -- DECEMBER                      INCUBATION MONTH -- MARCH

SPawning Q	INCUBATION EXC.	% OF MAX EFFECTIVE SPawning WUA											
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5800	.90	3800	3500	3500	3100	2800	2800	2600	2200	2200	2000	1400	1400
	.50	3700	3500	3500	3100	2400	2200	2200	2100	1700	1500	1100	900
	.10	3400	3200	3200	2800	2000	1800	1600	1600	900	700	500	200
5900	.90	4800	4800	4800	4800	4800	4800	3900	3500	2900	2400	2200	2200
	.50	4600	4200	4200	4200	4200	4200	3300	3100	2400	2200	1700	1700
	.10	4300	3200	3200	3000	3000	3000	2800	2100	1400	1200	900	700
6000	.90	6100	6100	6100	6100	6100	6100	6100	6100	6100	5500	4700	3900
	.50	5500	5500	5500	5500	5500	5500	5500	5500	5500	4900	4100	3300
	.10	5200	4300	4300	4300	4300	4300	4300	4300	4300	3700	3000	2200
6100	.90	4100	3500	3500	3100	2900	2800	2800	2400	2200	2000	1400	1400
	.50	3700	3500	3500	3100	2400	2200	2200	2200	1700	1600	1200	900
	.10	3400	3200	3200	2800	2200	1800	1600	1600	1000	700	600	300
5800	.90	4800	4800	4800	4800	4800	4800	3900	3800	2900	2600	2200	2200
	.50	4600	4200	4200	4200	4200	4200	3500	3200	2400	2200	1700	1700
	.10	4300	3200	3200	3000	3000	3000	3000	2300	1500	1300	900	700
5900	.90	6100	6100	6100	6100	6100	6100	6100	6100	6100	5500	4900	4000
	.50	5500	5500	5500	5500	5500	5500	5500	5500	5500	4900	4900	3500
	.10	5200	4300	4300	4300	4300	4300	4300	4300	4300	3700	3700	2700
6000	.90	4200	4200	4200	3200	3000	2800	2800	2600	2200	2100	1500	1400
	.50	3700	3600	3500	3100	2600	2400	2200	2200	1700	1600	1200	900
	.10	3400	3200	3200	2800	2300	1900	1600	1600	1000	700	600	400
6100	.90	4900	4900	4900	4900	4900	4900	4900	3800	3000	2800	2200	2200
	.50	4600	4300	4300	4300	4300	4300	4300	3300	2500	2200	1700	1700
	.10	4300	3400	3200	3200	3100	3100	3100	2700	1600	1300	1000	700
5800	.90	6200	6200	6200	6200	6200	6200	6200	6200	6200	5900	5500	4500
	.50	5600	5600	5600	5600	5600	5600	5600	5600	5600	5300	4900	3900
	.10	5300	4400	4400	4400	4400	4400	4400	4400	4400	4100	3700	2700
5900	.90	4200	4200	4200	3500	3100	2900	2800	2800	2200	2200	1600	1400
	.50	3900	3600	3600	3500	2600	2400	2300	2200	1700	1600	1400	1100
	.10	3600	3200	3200	2800	2300	1900	1600	1600	1000	700	600	400
6000	.90	4900	4900	4900	4900	4900	4900	4900	3900	3000	2800	2200	2200
	.50	4600	4300	4300	4300	4300	4300	4300	3300	2600	2200	1700	1700
	.10	4300	3400	3200	3200	3100	3100	3100	2800	1600	1300	1000	700
6100	.90	6200	6200	6200	6200	6200	6200	6200	6200	6200	5900	5500	4500
	.50	5600	5600	5600	5600	5600	5600	5600	5600	5600	5300	4900	3900
	.10	5300	4400	4400	4400	4400	4400	4400	4400	4400	4100	3700	2700
5800	.90	5300	5300	5300	5300	5300	5300	5300	5300	5300	5300	5300	4600
	.50	4900	4900	4900	4900	4900	4900	4900	5600	5600	5300	4900	4100
	.10	4600	4400	4400	4400	4400	4400	4400	4400	4400	4100	3700	3000

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4700	4200	4200	3500	3200	3000	2800	2800	2200	2200	1800	1400
	.50	4600	3600	3600	3500	3100	2600	2400	2300	1900	1700	1400	1100
	.10	4300	3200	3200	2900	2400	1900	1800	1600	1100	700	700	500
	.90	5000	5000	5000	5000	5000	5000	5000	3900	3100	2800	2200	2200
	.50	4600	4400	4400	4400	4400	4400	4400	3500	2600	2200	1700	1700
	.10	4300	3400	3200	3200	3200	3200	3200	3000	1600	1400	1000	700
	.90	6300	6300	6300	6300	6300	6300	6300	6300	6300	5900	5500	4900
	.50	5700	5700	5700	5700	5700	5700	5700	5700	5700	5300	4900	4300
	.10	5400	4500	4500	4500	4500	4500	4500	4500	4500	4100	3700	3100
6300	.90	4700	4300	4300	4300	3200	3000	2900	2800	2200	2200	2000	1500
	.50	4600	3700	3700	3700	3100	2600	2400	2400	2000	1700	1500	1200
	.10	4300	3200	3200	3000	2500	2200	1900	1600	1200	800	700	500
	.90	5000	5000	5000	5000	5000	5000	5000	3900	3200	2800	2200	2200
	.50	4600	4400	4400	4400	4400	4400	4400	3700	2600	2200	1700	1700
	.10	4300	3400	3200	3200	3200	3200	3200	3200	1900	1400	1000	700
	.90	6300	6300	6300	6300	6300	6300	6300	6300	6300	5900	5500	5500
	.50	5700	5700	5700	5700	5700	5700	5700	5700	5700	5300	4900	4900
	.10	5400	4500	4500	4500	4500	4500	4500	4500	4500	4100	3700	3700
6400	.90	4700	4300	4300	4300	3300	3100	3000	2900	2400	2200	2000	1600
	.50	4600	3700	3700	3700	3300	2600	2600	2400	2200	2200	2000	1600
	.10	4300	3400	3200	3100	2700	2300	1900	1600	1300	900	700	600
	.90	5100	5100	5100	5100	5100	5100	5100	4600	3200	2800	2200	2200
	.50	4800	4500	4500	4500	4500	4500	4500	4100	2600	2300	1800	1700
	.10	4500	3400	3300	3300	3300	3300	3300	3300	2000	1400	1000	700
	.90	6300	6300	6300	6300	6300	6300	6300	6300	6300	5900	5500	5500
	.50	5800	5700	5700	5700	5700	5700	5700	5700	5700	5300	4900	4900
	.10	5500	4600	4600	4500	4500	4500	4500	4500	4500	4100	3700	3700
6500	.90	4700	4400	4400	4400	3500	3200	3000	3000	2600	2200	2100	1600
	.50	4600	3800	3800	3800	3500	2800	2600	2400	2200	1700	1600	1400
	.10	4300	3400	3200	3200	2800	2300	2000	1800	1300	1000	700	600
	.90	5100	5100	5100	5100	5100	5100	5100	5100	3200	2800	2200	2200
	.50	4800	4500	4500	4500	4500	4500	4500	4500	2700	2300	1900	1700
	.10	4500	3800	3300	3300	3300	3300	3300	3300	2100	1400	1100	800
	.90	6400	6400	6400	6400	6400	6400	6400	6400	6400	5900	5500	5500
	.50	5800	5800	5800	5800	5800	5800	5800	5800	5800	5300	4900	4900
	.10	5500	4600	4600	4600	4600	4600	4600	4600	4600	4100	3700	3700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - MARCH

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4700	4400	4400	4400	3500	3200	3100	3000	2800	2200	2200	1800
	.50	4600	3800	3800	3800	3500	3100	2600	2600	2200	1700	1600	1400
	.10	4300	3400	3200	3200	2800	2600	2300	1900	1400	1000	700	700
	.90	5200	5200	5200	5200	5200	5200	5200	5200	3200	2800	2300	2200
	.50	4800	4600	4600	4600	4600	4600	4600	4600	3000	2300	2000	1700
	.10	4500	4300	3400	3400	3400	3400	3400	3400	2200	1400	1300	900
	.90	6400	6400	6400	6400	6400	6400	6400	6400	6400	5900	5500	5500
	.50	5900	5800	5800	5800	5800	5800	5800	5800	5800	5300	4900	4900
	.10	5600	4600	4600	4600	4600	4600	4600	4600	4600	4100	3700	3700
6700	.90	4700	4500	4500	4500	4500	3200	3200	3100	2800	2200	2200	2000
	.50	4600	3900	3900	3900	3900	3100	2600	2600	2200	1700	1700	1500
	.10	4300	3400	3200	3200	2800	2700	2300	1900	1400	1000	700	700
	.90	5600	5200	5200	5200	5200	5200	5200	5200	3300	2800	2400	2200
	.50	5500	4600	4600	4600	4600	4600	4600	4600	3100	2400	2100	1700
	.10	5200	4300	3400	3400	3400	3400	3400	3400	2300	1500	1300	1000
	.90	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900	5500	5500
	.50	5900	5900	5900	5900	5900	5900	5900	5900	5900	5300	4900	4900
	.10	5600	4700	4700	4700	4700	4700	4700	4700	4700	4100	3900	3700
6800	.90	4800	4500	4500	4500	4500	3300	3200	3100	2800	2200	2200	2000
	.50	4800	3900	3900	3900	3900	3100	3000	2600	2300	1800	1700	1600
	.10	4500	3400	3200	3200	2800	2700	2700	2200	1400	1000	700	700
	.90	5600	5300	5300	5300	5300	5300	5300	5300	3500	2900	2500	2200
	.50	5500	4700	4700	4700	4700	4700	4700	4700	3300	2400	2200	1700
	.10	5200	4300	3500	3500	3500	3500	3500	3500	2300	1500	1300	1000
	.90	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900	5900	5500
	.50	6400	5900	5900	5900	5900	5900	5900	5900	5900	5300	5300	4900
	.10	6100	4700	4700	4700	4700	4700	4700	4700	4700	4100	4100	3700
6900	.90	4800	4600	4600	4600	4600	3500	3200	3200	2800	2200	2200	2100
	.50	4800	4100	4000	4000	4000	3500	3100	2600	2300	1900	1700	1600
	.10	4500	3800	3200	3200	2900	2800	2800	2300	1400	1000	700	700
	.90	5700	5300	5300	5300	5300	5300	5300	5300	3900	2900	2800	2200
	.50	5600	4700	4700	4700	4700	4700	4700	4700	3300	2600	2200	1700
	.10	5300	4300	3800	3500	3500	3500	3500	3500	2700	1600	1400	1000
	.90	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900	5900	5500
	.50	6400	5900	5900	5900	5900	5900	5900	5900	5900	5300	5300	4900
	.10	6100	4700	4700	4700	4700	4700	4700	4700	4700	4100	4100	3700
6900	.90	4800	4600	4600	4600	4600	3500	3200	3200	2800	2200	2200	2100
	.50	4800	4100	4000	4000	4000	3500	3100	2600	2300	1900	1700	1600
	.10	4500	3800	3200	3200	2900	2800	2800	2300	1400	1000	700	700
	.90	5700	5300	5300	5300	5300	5300	5300	5300	3900	2900	2800	2200
	.50	5600	4700	4700	4700	4700	4700	4700	4700	3300	2600	2200	1700
	.10	5300	4300	3800	3500	3500	3500	3500	3500	2700	1600	1400	1000
	.90	6500	6500	6500	6500	6500	6500	6500	6500	6500	5900	5900	5500
	.50	6400	5900	5900	5900	5900	5900	5900	5900	5900	5300	5300	4900
	.10	6100	4700	4700	4700	4700	4700	4700	4700	4700	4100	4100	3700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MARCH

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	4800	4600	4600	4600	4600	3600	3200	3200	2900	2200	2200	2100
	.50	4800	4600	4000	4000	4000	3500	3100	3000	2400	2000	1700	1600
	.10	4500	4300	3200	3000	3000	2800	2800	2700	1500	1200	900	700
	.90	5700	5400	5400	5400	5400	5400	5400	5400	3900	3100	2800	2200
	.50	5600	4800	4800	4800	4800	4800	4800	4800	3300	2600	2300	1800
	.10	5300	4300	4300	3600	3600	3600	3600	3600	2700	1600	1400	1000
	.90	6600	6500	6500	6500	6500	6500	6500	6500	6500	5900	5900	5500
	.50	6500	5900	5900	5900	5900	5900	5900	5900	5900	5300	5300	4900
	.10	6200	4800	4800	4800	4700	4700	4700	4700	4700	4100	4100	3700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM:  
 SPawning MONTH - DECEMBER INCUBATION MONTH - APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	.90	500	300	300	100	0	0	0	0	0	0	0
	.50	.50	400	200	200	0	0	0	0	0	0	0	0
	.10	.10	100	0	0	0	0	0	0	0	0	0	0
	.90	.90	700	600	500	400	400	300	200	0	0	0	0
	.50	.50	600	400	300	200	100	0	0	0	0	0	0
	.10	.10	300	100	0	0	0	0	0	0	0	0	0
	.90	.90	2600	2400	2400	2400	1800	1800	1800	1800	1000	900	700
	.50	.50	2000	1800	1800	1800	1200	1200	1200	1200	400	300	200
	.10	.10	900	800	700	700	300	300	200	100	0	0	0
1500	.90	.90	500	400	300	200	0	0	0	0	0	0	0
	.50	.50	400	300	200	100	0	0	0	0	0	0	0
	.10	.10	100	0	0	0	0	0	0	0	0	0	0
	.90	.90	700	600	600	400	400	400	300	0	0	0	0
	.50	.50	600	400	400	300	100	0	0	0	0	0	0
	.10	.10	400	200	100	0	0	0	0	0	0	0	0
	.90	.90	3700	2600	2400	2400	2400	1800	1800	1800	1000	900	700
	.50	.50	3100	2000	2000	1800	1800	1200	1200	1200	400	400	300
	.10	.10	2000	900	900	700	700	500	300	200	0	0	0
1600	.90	.90	500	400	400	200	100	0	0	0	0	0	0
	.50	.50	400	300	300	100	0	0	0	0	0	0	0
	.10	.10	200	100	0	0	0	0	0	0	0	0	0
	.90	.90	900	700	600	500	400	400	400	100	0	0	0
	.50	.50	800	600	500	300	200	100	0	0	0	0	0
	.10	.10	500	300	200	0	0	0	0	0	0	0	0
	.90	.90	3800	2600	2600	2400	2400	1800	1800	1800	1100	900	700
	.50	.50	3200	2000	2000	1800	1800	1200	1200	1200	600	400	300
	.10	.10	2100	900	900	800	700	400	400	200	0	0	0
1700	.90	.90	600	400	400	300	100	0	0	0	0	0	0
	.50	.50	500	400	300	200	0	0	0	0	0	0	0
	.10	.10	200	100	0	0	0	0	0	0	0	0	0
	.90	.90	900	700	600	600	400	400	400	200	0	0	0
	.50	.50	800	600	500	300	200	100	0	0	0	0	0
	.10	.10	500	300	200	0	0	0	0	0	0	0	0
	.90	.90	3800	2800	2800	2600	2400	2400	1800	1800	1100	1000	900
	.50	.50	3200	2200	2200	2000	1800	1800	1200	1200	800	400	300
	.10	.10	2100	1100	1100	900	700	700	500	200	100	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	700	600	500	400	300	200	100	0	0	0	0	0
	.50	600	500	400	300	200	100	0	0	0	0	0	0
	.10	400	200	100	0	0	0	0	0	0	0	0	0
	.90	900	900	700	600	600	500	400	400	200	0	0	0
	.50	800	700	500	500	400	200	200	100	0	0	0	0
	.10	500	400	300	200	100	0	0	0	0	0	0	0
	.90	3800	3800	3800	2800	2600	2400	2400	2400	1800	1600	1000	900
	.50	3200	3200	3200	2200	2000	1800	1800	1800	1200	1000	500	400
	.10	2100	2100	2100	1100	900	800	700	700	200	100	0	0
1900	.90	700	600	500	500	300	200	100	0	0	0	0	0
	.50	600	500	400	400	200	100	0	0	0	0	0	0
	.10	400	200	100	100	0	0	0	0	0	0	0	0
	.90	1000	900	900	700	600	600	500	400	300	0	0	0
	.50	900	800	600	500	400	300	200	100	0	0	0	0
	.10	600	500	300	200	100	0	0	0	0	0	0	0
	.90	3900	3900	3900	3900	2600	2600	2400	2400	1800	1600	1000	900
	.50	3300	3300	3300	3300	2000	2000	1800	1800	1200	1100	600	400
	.10	2200	2200	2200	2200	1100	900	800	700	300	100	0	0
2000	.90	700	600	500	500	400	300	100	100	0	0	0	0
	.50	600	500	400	400	300	200	0	0	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	1200	1100	1000	900	700	600	600	500	400	100	0	0
	.50	1100	1000	800	600	400	300	200	200	0	0	0	0
	.10	800	700	500	300	100	0	0	0	0	0	0	0
	.90	3900	3900	3900	3900	2800	2600	2400	2400	1800	1700	1100	1000
	.50	3300	3300	3300	3300	2200	2000	1800	1800	1200	1200	600	400
	.10	2200	2200	2200	2200	1100	900	900	800	300	200	100	0
2100	.90	900	700	600	500	400	300	200	100	0	0	0	0
	.50	800	600	500	400	300	200	100	0	0	0	0	0
	.10	500	300	200	100	0	0	0	0	0	0	0	0
	.90	1200	1200	1000	1000	900	600	600	600	400	200	0	0
	.50	1100	1100	800	800	500	400	300	300	0	0	0	0
	.10	800	800	500	500	200	0	0	0	0	0	0	0
	.90	4000	4000	4000	4000	2800	2600	2600	2400	1800	1800	1200	1000
	.50	3400	3400	3400	3400	2200	2000	2000	1800	1200	1200	800	500
	.10	2300	2300	2300	2300	1100	900	900	900	500	200	100	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	900	700	600	500	400	300	200	100	0	0	0	0
	.50	800	600	500	400	300	200	100	0	0	0	0	0
	.10	600	300	200	100	0	0	0	0	0	0	0	0
	.90	1400	1200	1100	1000	1000	900	600	600	400	200	0	0
	.50	1300	1100	1000	800	600	400	400	300	0	0	0	0
	.10	1000	800	700	500	300	100	0	0	0	0	0	0
	.90	4000	4000	4000	4000	2800	2800	2600	2500	1800	1800	1300	1000
	.50	3400	3400	3400	3400	2200	2200	2000	1900	1200	1200	1000	600
	.10	2300	2300	2300	2300	1400	1100	900	900	700	200	100	0
2300	.90	900	900	700	600	500	300	300	200	0	0	0	0
	.50	800	800	600	500	400	200	200	100	0	0	0	0
	.10	600	500	300	200	100	0	0	0	0	0	0	0
	.90	1800	1800	1200	1100	1000	900	800	600	500	300	0	0
	.50	1300	1200	1100	1000	700	500	400	400	100	0	0	0
	.10	1000	800	800	700	400	100	100	0	0	0	0	0
	.90	4100	4100	4100	4100	4100	2800	2600	2600	1900	1800	1600	1000
	.50	3500	3500	3500	3500	3500	2200	2000	2000	1500	1200	1000	600
	.10	2400	2400	2400	2400	2400	1100	900	900	700	200	200	100
2400	.90	1200	900	700	600	500	400	300	300	0	0	0	0
	.50	1100	800	600	500	400	300	200	100	0	0	0	0
	.10	800	600	400	300	100	0	0	0	0	0	0	0
	.90	1800	1800	1300	1200	1000	1000	900	800	500	400	200	0
	.50	1300	1300	1200	1100	800	600	400	400	200	0	0	0
	.10	1000	1000	800	700	500	200	100	0	0	0	0	0
	.90	4100	4100	4100	4100	4100	2800	2600	2600	2400	1800	1600	1200
	.50	3500	3500	3500	3500	3500	2200	2000	2000	1800	1200	1100	800
	.10	2400	2400	2400	2400	2400	1100	1100	900	700	200	200	100
2500	.90	1200	1200	900	700	500	400	300	300	0	0	0	0
	.50	1100	1100	800	600	400	300	200	200	0	0	0	0
	.10	800	800	500	300	100	0	0	0	0	0	0	0
	.90	1800	1800	1800	1200	1100	1000	1000	900	600	400	200	0
	.50	1300	1300	1200	1100	900	600	500	400	300	0	0	0
	.10	1000	1000	800	800	500	300	100	100	0	0	0	0
	.90	4200	4200	4200	4200	4200	2800	2600	2600	2400	1800	1600	1200
	.50	3600	3600	3600	3600	3600	2200	2000	2000	1800	1200	1100	800
	.10	2500	2500	2500	2500	2500	1100	1100	900	700	200	200	100

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1400	1200	1000	900	600	500	400	300	100	0	0	0
	.50	1300	1100	900	800	500	400	300	200	0	0	0	0
	.10	1000	800	700	500	200	100	0	0	0	0	0	0
	.90	1800	1800	1800	1400	1200	1000	1000	1000	600	400	300	100
	.50	1300	1300	1200	1200	1000	800	600	500	300	0	0	0
	.10	1000	1000	800	800	600	300	200	100	0	0	0	0
	.90	4200	4200	4200	4200	4200	2800	2800	2600	2400	1800	1800	1200
	.50	3600	3600	3600	3600	3600	2200	2200	2000	1800	1200	1200	1000
	.10	2500	2500	2500	2500	2500	1500	1100	1100	800	400	200	100
2700	.90	1400	1200	1200	900	700	500	400	400	100	0	0	0
	.50	1300	1100	1100	800	600	400	300	200	0	0	0	0
	.10	1000	800	800	500	300	100	0	0	0	0	0	0
	.90	1800	1800	1800	1800	1200	1000	1000	1000	700	500	400	200
	.50	1600	1300	1200	1200	1100	800	600	500	400	0	0	0
	.10	1300	1000	900	800	700	500	300	200	0	0	0	0
	.90	4300	4300	4300	4300	4300	3500	2800	2800	2400	1800	1800	1400
	.50	3700	3700	3700	3700	3700	2900	2200	2200	1800	1200	1200	1000
	.10	2600	2600	2600	2600	2600	1800	1100	1100	800	500	200	200
2800	.90	1400	1400	1200	1100	900	500	500	400	200	0	0	0
	.50	1300	1300	1100	1000	800	400	400	300	0	0	0	0
	.10	1000	1000	800	700	500	100	100	0	0	0	0	0
	.90	1800	1800	1800	1800	1200	1100	1000	1000	700	600	400	300
	.50	1700	1300	1200	1200	1100	900	800	600	400	100	0	0
	.10	1400	1000	900	800	700	500	300	200	0	0	0	0
	.90	4300	4300	4300	4300	4300	4300	2800	2800	2400	1800	1800	1600
	.50	3700	3700	3700	3700	3700	3700	2200	2200	1800	1200	1200	1100
	.10	2600	2600	2600	2600	2600	2600	1500	1100	900	500	200	200
2900	.90	1400	1400	1200	1200	900	700	500	500	200	0	0	0
	.50	1300	1300	1100	1100	800	500	400	300	0	0	0	0
	.10	1000	1000	800	800	500	200	100	0	0	0	0	0
	.90	2400	1800	1800	1800	1300	1200	1000	1000	900	600	400	400
	.50	1800	1700	1300	1200	1200	1000	800	700	400	200	0	0
	.10	1400	1400	1000	800	800	500	400	300	0	0	0	0
	.90	4400	4400	4400	4400	4400	4400	3300	2800	2400	1800	1800	1600
	.50	3800	3800	3800	3800	3800	3800	2700	2200	1800	1200	1200	1100
	.10	2700	2700	2700	2700	2700	2700	1600	1400	900	700	200	200

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1400	1400	1200	1200	900	700	600	500	300	0	0	0
	.50	1300	1300	1100	1100	800	600	500	400	0	0	0	0
	.10	1000	1000	800	800	500	300	100	100	0	0	0	0
.50	.90	2400	2400	1900	1800	1800	1200	1100	1000	900	600	500	400
	.50	1900	1800	1800	1300	1200	1100	1000	800	400	300	0	0
	.10	1600	1500	1000	900	800	700	500	300	0	0	0	0
.10	.90	4400	4400	4400	4400	4400	4400	3500	2800	2400	1800	1800	1700
	.50	3800	3800	3800	3800	3800	3800	2900	2200	1900	1200	1200	1100
	.10	2700	2700	2700	2700	2700	2700	1800	1500	900	700	300	200
3100	.90	1400	1400	1200	1200	1100	800	700	600	300	0	0	0
	.50	1300	1300	1100	1100	1000	700	500	400	100	0	0	0
	.10	1000	1000	800	800	700	400	200	100	0	0	0	0
.50	.90	2400	2400	2400	1900	1800	1600	1200	1100	1000	700	600	400
	.50	2000	1800	1800	1800	1200	1200	1100	1000	500	300	100	0
	.10	1700	1500	1000	900	800	700	500	500	100	0	0	0
.10	.90	4400	4400	4400	4400	4400	4400	3500	3000	2500	1800	1800	1800
	.50	3800	3800	3800	3800	3800	3800	2900	2500	1900	1300	1200	1200
	.10	2700	2700	2700	2700	2700	2700	1800	1700	900	700	400	200
3200	.90	1700	1400	1300	1200	1100	900	700	600	400	100	0	0
	.50	1600	1300	1200	1100	1000	800	600	500	200	0	0	0
	.10	1300	1000	900	800	700	500	300	200	0	0	0	0
.50	.90	2400	2400	2400	2400	1800	1800	1600	1200	1000	700	600	500
	.50	2100	2000	1800	1800	1200	1200	1200	1100	600	400	100	0
	.10	1800	1700	1500	1000	800	700	500	500	100	0	0	0
.10	.90	4500	4500	4500	4500	4500	4500	4500	3400	2500	1900	1800	1800
	.50	3900	3900	3900	3900	3900	3900	3900	2800	1900	1500	1200	1200
	.10	2800	2800	2800	2800	2800	2800	2800	1800	900	700	500	200
3300	.90	1800	1400	1300	1200	1200	900	800	700	400	200	0	0
	.50	1700	1300	1200	1100	1100	800	600	500	200	0	0	0
	.10	1400	1000	1000	800	800	500	300	200	0	0	0	0
.50	.90	2400	2400	2400	2400	1800	1800	1800	1500	1000	900	600	500
	.50	2200	2100	1800	1800	1300	1200	1200	1200	600	400	200	0
	.10	1900	1800	1500	1000	800	800	700	500	200	0	0	0
.10	.90	4500	4500	4500	4500	4500	4500	4500	3500	2500	2000	1800	1800
	.50	3900	3900	3900	3900	3900	3900	3900	2900	2000	1800	1200	1200
	.10	2800	2800	2800	2800	2800	2800	2800	1800	800	800	500	200

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2000	1800	1400	1300	1200	900	900	700	500	200	0	0
	.50	1900	1700	1300	1200	1100	800	700	600	300	0	0	0
	.10	1600	1400	1000	900	800	500	500	300	0	0	0	0
	.90	2400	2400	2400	2400	1900	1800	1800	1800	1000	900	700	600
	.50	2200	2100	1800	1800	1800	1200	1200	1200	800	400	300	100
	.10	1900	1800	1500	1500	900	800	700	600	200	0	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	3500	2500	2100	1800	1800
	.50	4000	4000	4000	4000	4000	4000	4000	2900	2000	1800	1200	1200
	.10	2900	2900	2900	2900	2900	2900	2900	1800	1100	800	500	200
3500	.90	2100	1900	1400	1300	1200	1000	900	800	500	300	0	0
	.50	2000	1800	1300	1200	1100	900	800	600	300	0	0	0
	.10	1700	1500	1000	900	800	600	500	300	0	0	0	0
	.90	2400	2400	2400	2400	2200	1800	1800	1800	1100	900	700	600
	.50	2300	2100	1900	1800	1800	1200	1200	1200	900	400	300	200
	.10	2000	1800	1600	1500	900	800	700	700	200	0	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	3500	2600	2200	1800	1800
	.50	4000	4000	4000	4000	4000	4000	4000	2900	2100	1800	1200	1200
	.10	2900	2900	2900	2900	2900	2900	2900	2200	1100	800	500	200
3600	.90	2200	2100	1400	1300	1200	1100	900	900	600	400	100	0
	.50	2100	2000	1300	1200	1100	1000	800	700	400	0	0	0
	.10	1800	1700	1000	1000	800	700	500	400	0	0	0	0
	.90	2400	2400	2400	2400	2400	1800	1800	1800	1200	1000	800	600
	.50	2300	2100	2000	1800	1800	1300	1200	1200	1000	500	400	200
	.10	2000	1800	1700	1500	1000	800	800	700	300	100	0	0
	.90	4700	4700	4700	4700	4700	4700	4700	4100	2800	2400	1800	1800
	.50	4100	4100	4100	4100	4100	4100	4100	3500	2200	1800	1200	1200
	.10	3000	3000	3000	3000	3000	3000	3000	2400	1200	800	600	300
3700	.90	2200	2200	1900	1400	1200	1200	1000	900	600	400	200	0
	.50	2100	2100	1800	1300	1100	1000	800	800	400	0	0	0
	.10	1800	1800	1500	1000	800	700	500	500	0	0	0	0
	.90	2600	2400	2400	2400	2400	1900	1800	1800	1300	1000	900	700
	.50	2500	2100	2000	1800	1800	1800	1200	1200	1100	600	400	300
	.10	2200	1800	1700	1500	1000	800	800	700	300	100	0	0
	.90	4700	4700	4700	4700	4700	4700	4700	4700	2800	2400	1800	1800
	.50	4100	4100	4100	4100	4100	4100	4100	3500	2200	1800	1200	1200
	.10	3000	3000	3000	3000	3000	3000	3000	2400	1200	800	600	300
	.90	2200	2200	1900	1400	1200	1200	1000	900	600	400	200	0
	.50	2100	2100	1800	1300	1100	1000	800	800	400	0	0	0
	.10	1800	1800	1500	1000	800	700	500	500	0	0	0	0
	.90	2600	2400	2400	2400	2400	1900	1800	1800	1300	1000	900	700
	.50	2500	2100	2000	1800	1800	1800	1200	1200	1100	600	400	300
	.10	2200	1800	1700	1500	1000	800	800	700	300	100	0	0
	.90	4700	4700	4700	4700	4700	4700	4700	4700	2800	2400	1800	1800
	.50	4100	4100	4100	4100	4100	4100	4100	3500	2200	1800	1200	1200
	.10	3000	3000	3000	3000	3000	3000	3000	2400	1200	800	600	300
	.90	4700	4700	4700	4700	4700	4700	4700	4700	2800	2400	1800	1800
	.50	4100	4100	4100	4100	4100	4100	4100	3500	2200	1800	1200	1200
	.10	3000	3000	3000	3000	3000	3000	3000	2400	1200	800	600	300

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2300	2200	1900	1900	1300	1200	1100	1000	700	400	300	0
	.50	2200	2100	1800	1800	1200	1100	900	800	400	0	0	0
	.10	1900	1800	1500	1500	900	800	600	500	100	0	0	0
	.90	2600	2400	2400	2400	2400	1900	1800	1800	1600	1000	900	700
	.50	2500	2100	2100	1800	1800	1800	1200	1200	1100	600	400	300
	.10	2200	1800	1800	1500	1200	800	800	700	300	100	0	0
	.90	4800	4800	4800	4800	4800	4800	4800	4800	2800	2400	1800	1800
	.50	4200	4200	4200	4200	4200	4200	4200	4200	2200	1800	1200	1200
	.10	3100	3100	3100	3100	3100	3100	3100	3100	1500	900	700	400
3900	.90	2300	2200	1900	1900	1300	1200	1100	1000	700	500	300	100
	.50	2200	2100	1800	1800	1200	1100	1000	800	500	200	0	0
	.10	1900	1800	1500	1500	900	800	700	500	100	0	0	0
	.90	2600	2600	2400	2400	2400	1900	1800	1800	1700	1000	900	800
	.50	2500	2500	2100	2000	1800	1800	1300	1200	1200	800	400	300
	.10	2200	2200	1800	1700	1500	900	800	700	400	100	0	0
	.90	4800	4800	4800	4800	4800	4800	4800	4800	2800	2400	1800	1800
	.50	4200	4200	4200	4200	4200	4200	4200	4200	2200	1800	1300	1200
	.10	3100	3100	3100	3100	3100	3100	3100	3100	1500	900	700	400
4000	.90	2400	2200	2100	1900	1400	1200	1200	1100	900	500	400	200
	.50	2300	2100	2000	1800	1200	1100	1100	900	500	200	0	0
	.10	2000	1800	1700	1500	1000	800	700	600	100	0	0	0
	.90	2600	2600	2400	2400	2400	2100	1800	1800	1800	1100	1000	900
	.50	2500	2500	2100	2000	1800	1800	1300	1200	1200	900	400	400
	.10	2200	2200	1800	1700	1500	900	800	800	500	200	0	0
	.90	4900	4900	4900	4900	4900	4900	4900	4900	2800	2400	1800	1800
	.50	4300	4300	4300	4300	4300	4300	4300	4300	2400	1800	1400	1200
	.10	3300	3200	3200	3200	3200	3200	3200	3200	1800	1000	800	500
4100	.90	2600	2200	2100	1900	1800	1200	1200	1100	900	600	400	300
	.50	2500	2100	2000	1800	1300	1100	1100	1000	500	300	0	0
	.10	2200	1800	1700	1500	1000	800	800	700	100	0	0	0
	.90	2600	2600	2500	2400	2400	2200	1900	1800	1800	1200	1000	900
	.50	2500	2500	2100	2000	1800	1800	1700	1200	1200	1000	600	400
	.10	2200	2200	1800	1700	1500	1000	800	800	500	200	100	0
	.90	4900	4900	4900	4900	4900	4900	4900	4900	2800	2400	1800	1800
	.50	4300	4300	4300	4300	4300	4300	4300	4300	2400	1800	1400	1200
	.10	3300	3200	3200	3200	3200	3200	3200	3200	1800	1000	800	500
	.90	2600	2200	2100	1900	1800	1200	1200	1100	900	600	400	300
	.50	2500	2100	2000	1800	1300	1100	1100	1000	500	300	0	0
	.10	2200	1800	1700	1500	1000	800	800	700	100	0	0	0
	.90	2600	2600	2500	2400	2400	2200	1900	1800	1800	1200	1000	900
	.50	2500	2500	2100	2000	1800	1800	1700	1200	1200	1000	600	400
	.10	2200	2200	1800	1700	1500	1000	800	800	500	200	100	0
	.90	4900	4900	4900	4900	4900	4900	4900	4900	3100	2400	1900	1800
	.50	4300	4300	4300	4300	4300	4300	4300	4300	2800	1800	1600	1200
	.10	3300	3200	3200	3200	3200	3200	3200	3200	1800	1100	800	500

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2600	2200	2200	1900	1800	1300	1200	1200	900	600	400	400
	.50	2500	2100	2100	1800	1400	1200	1100	1000	600	300	0	0
	.10	2200	1800	1800	1500	1200	800	800	700	200	0	0	0
	.90	2600	2600	2600	2500	2400	2400	1900	1800	1800	1300	1000	900
	.50	2500	2500	2100	2100	1800	1800	1800	1300	1200	1000	600	400
	.10	2200	2200	1800	1800	1500	1000	900	800	500	200	100	0
	.90	5000	5000	5000	5000	5000	5000	5000	5000	3500	2400	1900	1800
	.50	4400	4400	4400	4400	4400	4400	4400	4400	2900	1900	1800	1200
	.10	3300	3300	3300	3300	3300	3300	3300	3300	1800	1100	800	600
4300	.90	2600	2600	2200	2100	1900	1300	1200	1200	1000	600	500	400
	.50	2500	2500	2100	2000	1800	1200	1100	1100	600	300	0	0
	.10	2200	2200	1800	1700	1500	900	800	700	200	0	0	0
	.90	3700	2600	2600	2600	2400	2400	2100	1900	1800	1400	1000	1000
	.50	3100	2500	2100	2100	1900	1800	1800	1800	1200	1100	800	400
	.10	2700	2200	1800	1800	1500	1200	900	800	500	200	100	0
	.90	5000	5000	5000	5000	5000	5000	5000	5000	3500	2500	2100	1800
	.50	4400	4400	4400	4400	4400	4400	4400	4400	2900	1900	1800	1200
	.10	3300	3300	3300	3300	3300	3300	3300	3300	1800	1100	800	600
4400	.90	2600	2600	2200	2100	1900	1400	1300	1200	1000	700	600	400
	.50	2500	2500	2100	2000	1800	1200	1100	1100	700	400	100	0
	.10	2200	2200	1800	1700	1500	900	800	800	300	0	0	0
	.90	3800	3800	2600	2600	2500	2400	2400	2000	1800	1600	1100	1000
	.50	3200	3200	2500	2100	2000	1800	1800	1800	1200	1100	900	500
	.10	2700	2200	2200	1800	1500	1400	1000	900	700	200	100	0
	.90	5000	5000	5000	5000	5000	5000	5000	5000	3500	2500	2200	1800
	.50	4400	4400	4400	4400	4400	4400	4400	4400	2900	2100	1800	1200
	.10	3300	3300	3300	3300	3300	3300	3300	3300	2200	1200	900	700
4500	.90	2600	2600	2200	2200	1900	1800	1300	1200	1000	800	600	400
	.50	2500	2500	2100	2000	1800	1200	1200	1100	800	400	200	0
	.10	2200	2200	1800	1700	1500	900	800	800	300	0	0	0
	.90	3800	3800	3800	2800	2600	2400	2400	2400	1800	1700	1200	1000
	.50	3200	3200	3200	2500	2100	1900	1800	1800	1200	1200	1000	600
	.10	2700	2200	2200	2100	1700	1500	1100	900	700	300	200	100
	.90	5100	5100	5100	5100	5100	5100	5100	5100	3900	2700	2400	1800
	.50	4500	4500	4500	4500	4500	4500	4500	4500	3300	2200	1800	1300
	.10	3400	3400	3400	3400	3400	3400	3400	3400	2200	1300	900	700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2600	2600	2400	2200	1900	1800	1600	1300	1000	900	600	500
	.50	2500	2500	2100	2100	1800	1300	1200	1200	800	400	200	0
	.10	2200	2200	1800	1800	1500	1000	800	800	300	0	0	0
	.90	3800	3800	3800	2800	2600	2500	2400	2400	1800	1800	1300	1000
	.50	3200	3200	3200	2500	2100	2000	1800	1800	1200	1200	1000	700
	.10	2900	2700	2200	2100	1800	1500	1400	1000	700	300	200	100
	.90	5100	5100	5100	5100	5100	5100	5100	5100	3900	2800	2400	1800
	.50	4500	4500	4500	4500	4500	4500	4500	4500	3300	2200	1800	1400
	.10	3400	3400	3400	3400	3400	3400	3400	3400	2200	1400	900	800
4700	.90	3100	2600	2400	2400	1900	1800	1800	1600	1100	900	700	600
	.50	3000	2500	2100	2100	1800	1600	1200	1200	900	400	300	100
	.10	2700	2200	1800	1800	1500	1000	900	800	400	0	0	0
	.90	3900	3900	3900	3900	2800	2600	2400	2400	1800	1800	1400	1200
	.50	3400	3300	3300	3300	2200	2000	2000	1800	1400	1200	1100	800
	.10	3100	2700	2200	2200	1800	1500	1500	1100	800	400	200	100
	.90	5200	5200	5200	5200	5200	5200	5200	5200	4100	2800	2400	1900
	.50	4600	4600	4600	4600	4600	4600	4600	4600	3500	2200	1800	1800
	.10	3500	3500	3500	3500	3500	3500	3500	3500	2400	1500	1100	800
4800	.90	3100	2600	2600	2400	2100	1900	1800	1800	1200	900	700	600
	.50	3000	2500	2500	2100	1800	1800	1200	1200	1000	500	300	100
	.10	2700	2200	2200	1800	1500	1400	900	800	400	100	0	0
	.90	3900	3900	3900	3900	2800	2600	2500	2400	1900	1800	1600	1200
	.50	3400	3300	3300	3300	2200	2100	2000	1900	1700	1200	1100	900
	.10	3100	2700	2200	2200	1800	1500	1500	1200	800	500	200	100
	.90	5200	5200	5200	5200	5200	5200	5200	5200	4100	3000	2400	2100
	.50	4600	4600	4600	4600	4600	4600	4600	4600	3500	2400	1900	1800
	.10	4200	3500	3500	3500	3500	3500	3500	3500	2600	1700	1100	800
4900	.90	3100	2600	2600	2400	2200	1900	1800	1800	1200	1000	700	600
	.50	3000	2500	2500	2100	1800	1800	1400	1200	1000	600	400	200
	.10	2700	2200	2200	1800	1500	1400	1000	800	500	100	0	0
	.90	4000	4000	4000	4000	2800	2600	2600	2500	2100	1800	1700	1200
	.50	3600	3400	3400	3400	2500	2200	2000	2000	1800	1200	1200	1000
	.10	3300	2700	2300	2300	2200	1700	1500	1400	900	500	200	200
	.90	5300	5300	5300	5300	5300	5300	5300	5300	5100	3000	2500	2200
	.50	4700	4700	4700	4700	4700	4700	4700	4700	4500	2500	1900	1800
	.10	4200	3600	3600	3600	3600	3600	3600	3600	3400	1800	1100	900

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3300	3100	2600	2400	2400	1900	1800	1800	1300	1000	900	700
	.50	3200	3000	2500	2100	1800	1800	1700	1300	1100	600	400	300
	.10	2900	2700	2200	1800	1500	1500	1000	900	500	100	0	0
	.90	4000	4000	4000	4000	3100	2800	2600	2600	2200	1800	1800	1300
	.50	3600	3400	3400	3400	3000	2200	2100	2000	1800	1200	1200	1000
	.10	3300	3100	2700	2300	2300	1800	1500	1500	900	600	300	200
	.90	5300	5300	5300	5300	5300	5300	5300	5300	5100	3400	2600	2400
	.50	4700	4700	4700	4700	4700	4700	4700	4700	4500	2900	2200	1800
	.10	4200	3600	3600	3600	3600	3600	3600	3600	3400	1800	1300	900
5100	.90	3500	3100	2600	2400	2400	2000	1900	1800	1400	1000	900	700
	.50	3400	3000	2500	2100	2000	1800	1800	1400	1200	700	400	300
	.10	3100	2700	2200	1800	1700	1500	1400	900	500	200	0	0
	.90	4100	4100	4100	4100	4100	2800	2600	2600	2400	1800	1800	1400
	.50	3600	3500	3500	3500	3500	2200	2200	2000	1800	1200	1200	1100
	.10	3300	3100	2700	2400	2400	1800	1500	1500	900	700	300	200
	.90	5300	5300	5300	5300	5300	5300	5300	5300	5100	3500	2800	2400
	.50	4700	4700	4700	4700	4700	4700	4700	4700	4500	2900	2200	1800
	.10	4200	3600	3600	3600	3600	3600	3600	3600	3400	2100	1400	1100
5200	.90	3500	3100	2600	2400	2400	2200	1900	1800	1700	1100	900	800
	.50	3400	3000	2500	2300	2000	1800	1800	1700	1200	800	400	300
	.10	3100	2700	2200	2100	1700	1500	1400	1000	500	200	0	0
	.90	4100	4100	4100	4100	4100	2800	2800	2600	2400	1800	1800	1600
	.50	3600	3500	3500	3500	3500	2500	2200	2100	1800	1200	1200	1100
	.10	3300	3100	2700	2400	2400	1800	1700	1500	900	700	400	200
	.90	5500	5500	5500	5500	5400	5400	5400	5400	5100	4100	2800	2400
	.50	4900	4900	4900	4900	4800	4800	4800	4800	4500	3500	2400	1900
	.10	4200	3800	3800	3800	3700	3700	3700	3700	3400	2400	1500	1100
5300	.90	3500	3100	2600	2600	2400	2200	1900	1900	1800	1200	1000	900
	.50	3400	3000	2500	2500	2100	1800	1800	1800	1200	900	500	400
	.10	3100	2700	2200	2200	1800	1500	1500	1000	600	200	100	0
	.90	4200	4200	4200	4200	4200	2900	2800	2600	2400	1800	1800	1600
	.50	3600	3600	3600	3600	3600	2500	2200	2200	1800	1300	1200	1100
	.10	3300	3100	2700	2500	2500	2200	1800	1500	900	700	500	200
	.90	5500	5500	5500	5500	5500	5400	5400	5400	5400	4200	3000	2500
	.50	4900	4900	4900	4900	4900	4800	4800	4800	4800	3600	2500	2100
	.10	4200	4900	4900	4900	4900	4800	4800	4800	4800	3700	2500	1800

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3700	3500	3100	2600	2400	2200	2000	1900	1800	1200	1000	900
	.50	3600	3400	3000	2500	2100	1800	1800	1800	1200	1000	600	400
	.10	3300	3100	2700	2200	1800	1500	1500	1200	700	200	100	0
	.90	4200	4200	4200	4200	4200	3200	2800	2800	2400	1800	1800	1700
	.50	3600	3600	3600	3600	3600	3000	2300	2200	1800	1400	1200	1200
	.10	3300	3100	3100	2700	2500	2500	1800	1600	1000	800	500	200
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5500	4200	3400	2800
	.50	4900	4900	4900	4900	4900	4900	4900	4900	4900	3600	2900	2200
	.10	4200	3800	3800	3800	3800	3800	3800	3800	3800	2700	1800	1400
5500	.90	3700	3500	3100	2600	2400	2400	2100	1900	1800	1300	1000	900
	.50	3600	3400	3000	2500	2100	1800	1800	1800	1200	1100	700	400
	.10	3300	3100	2700	2200	1800	1500	1500	1400	700	300	100	0
	.90	4300	4300	4300	4300	4300	3500	2800	2800	2400	1900	1800	1800
	.50	3700	3700	3700	3700	3700	3400	2500	2200	1900	1700	1200	1200
	.10	3300	3100	3100	2700	2600	2600	1800	1700	1100	800	500	200
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5500	5100	3500	2800
	.50	4900	4900	4900	4900	4900	4900	4900	4900	4900	4500	2900	2200
	.10	4200	3800	3800	3800	3800	3800	3800	3800	3800	3400	2200	1500
5600	.90	3700	3500	3100	2600	2400	2400	2200	1900	1800	1400	1000	900
	.50	3600	3400	3000	2500	2100	1900	1800	1800	1200	1100	800	400
	.10	3300	3100	2700	2200	1800	1500	1500	1400	700	300	100	0
	.90	4300	4300	4300	4300	4300	4300	3100	2800	2400	1900	1800	1800
	.50	3700	3700	3700	3700	3700	3700	2700	2400	1900	1800	1200	1200
	.10	3300	3100	3100	2700	2600	2600	2200	1800	1100	800	600	300
	.90	5600	5600	5600	5600	5600	5600	5600	5600	5600	5100	4100	3000
	.50	5000	5000	5000	5000	5000	5000	5000	5000	5000	4500	3500	2400
	.10	4200	3900	3900	3900	3900	3900	3900	3900	3900	3400	2400	1700
5700	.90	3700	3500	3100	2600	2400	2400	2200	2000	1800	1600	1100	1000
	.50	3600	3400	3000	2500	2100	2000	1800	1800	1200	1100	900	500
	.10	3300	3100	2700	2200	1800	1700	1500	1500	700	300	200	0
	.90	4600	4400	4400	4400	4400	4400	3500	2800	2500	2100	1800	1800
	.50	4500	3800	3800	3800	3800	3800	2900	2500	2000	1800	1200	1200
	.10	4200	3100	3100	2700	2700	2700	2200	1800	1200	900	700	300
	.90	5600	5600	5600	5600	5600	5600	5600	5600	5600	5100	4100	3200
	.50	5000	5000	5000	5000	5000	5000	5000	5000	5000	4500	3500	2900
	.10	4400	3900	3900	3900	3900	3900	3900	3900	3900	3400	2600	1800

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	.90	3700	3500	3100	2500	2400	2400	2100	1800	1700	1200	1000
	.50	.50	3600	3400	3000	2100	2000	1800	1800	1200	1200	1000	600
	.10	.10	3300	3100	2700	1900	1700	1500	1500	800	400	200	100
	.90	.90	4600	4400	4400	4400	4400	3500	3100	2500	2200	1800	1800
	.50	.50	4500	3800	3800	3800	3800	3000	2800	2000	1800	1200	1200
	.10	.10	4200	3100	2700	2700	2700	2700	1900	1200	900	700	400
	.90	.90	5700	5700	5700	5700	5700	5700	5700	5700	5100	4300	3500
	.50	.50	5400	5100	5100	5100	5100	5100	5100	5100	4500	3700	2900
	.10	.10	5100	4000	4000	4000	4000	4000	4000	4000	3400	2700	2100
5900	.90	.90	3700	3500	3100	2600	2400	2400	2200	1800	1700	1300	1000
	.50	.50	3600	3400	3000	2300	2000	1900	1800	1300	1200	1000	700
	.10	.10	3300	3100	2700	2100	1700	1500	1500	800	400	200	100
	.90	.90	4600	4400	4400	4400	4400	3500	3400	2600	2400	1800	1800
	.50	.50	4500	3800	3800	3800	3800	3400	2900	2000	1800	1200	1200
	.10	.10	4200	3100	2800	2700	2700	2700	2200	1300	900	700	400
	.90	.90	5700	5700	5700	5700	5700	5700	5700	5700	5100	5100	3600
	.50	.50	5400	5100	5100	5100	5100	5100	5100	5100	4500	4500	3100
	.10	.10	5100	4200	4000	4000	4000	4000	4000	4000	3400	3400	2400
6000	.90	.90	3800	3800	3100	2600	2500	2400	2400	1800	1800	1400	1100
	.50	.50	3600	3400	3000	2500	2100	2000	1800	1400	1200	1100	800
	.10	.10	3300	3100	2700	2200	1800	1500	1500	800	500	200	100
	.90	.90	4600	4500	4500	4500	4500	4500	3500	2600	2400	1800	1800
	.50	.50	4500	3900	3900	3900	3900	3900	2900	2100	1800	1300	1200
	.10	.10	4200	3300	3100	2800	2800	2800	2600	1500	900	700	500
	.90	.90	5800	5800	5800	5800	5800	5800	5800	5800	5500	5100	4100
	.50	.50	5500	5200	5200	5200	5200	5200	5200	5200	4900	4500	3500
	.10	.10	5200	4200	4100	4100	4100	4100	4100	4100	3800	3400	2600
6100	.90	.90	3900	3800	3500	2800	2600	2400	2400	1800	1800	1400	1200
	.50	.50	3800	3400	3200	2500	2100	2000	1900	1500	1200	1100	900
	.10	.10	3500	3100	2700	2200	1800	1500	1500	900	500	200	100
	.90	.90	4600	4500	4500	4500	4500	4500	3500	2600	2400	1800	1800
	.50	.50	4500	3900	3900	3900	3900	3900	3000	2200	1800	1400	1200
	.10	.10	4200	3300	3100	2800	2800	2800	2700	1500	900	800	500
	.90	.90	5800	5800	5800	5800	5800	5800	5800	5800	5500	5100	4200
	.50	.50	5500	5200	5200	5200	5200	5200	5200	5200	4900	4500	3600
	.10	.10	5200	4200	4100	4100	4100	4100	4100	4100	3800	3400	2700

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- CHUM:  
 SPawning MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4600	3800	3800	3500	3100	2600	2500	2400	1900	1800	1600	1200
	.50	4500	3400	3200	3000	3000	2200	2100	2000	1800	1200	1100	1000
	.10	4200	3100	2800	2200	1800	1800	1700	1500	900	500	200	200
	.90	4600	4600	4600	4600	4600	4600	4600	3500	2800	2400	1800	1800
	.50	4500	4000	4000	4000	4000	4000	4000	3400	2200	1800	1400	1200
	.10	4200	3300	3100	2900	2900	2900	2900	2900	1500	1000	800	500
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5900	5500	5100	4500
	.50	5600	5300	5300	5300	5300	5300	5300	5300	5300	4900	4500	3900
	.10	5300	4200	4200	4200	4200	4200	4200	4200	4200	3800	3400	2800
6300	.90	4600	3900	3900	3100	3100	2600	2600	2500	2100	1800	1700	1300
	.50	4500	3400	3300	3000	3000	2300	2100	2000	1800	1200	1200	1000
	.10	4200	3100	2900	2200	2100	2100	1800	1500	900	600	300	200
	.90	4600	4600	4600	4600	4600	4600	4600	3700	2800	2400	1800	1800
	.50	4500	4000	4000	4000	4000	4000	4000	3500	2200	1800	1400	1200
	.10	4200	3300	3100	2900	2900	2900	2900	2900	1800	1100	800	500
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5900	5500	5100	5100
	.50	5600	5300	5300	5300	5300	5300	5300	5300	5300	4900	4500	4500
	.10	5300	4200	4200	4200	4200	4200	4200	4200	4200	3800	3400	3400
6400	.90	4600	3900	3900	3300	3300	2800	2600	2600	2200	1800	1700	1400
	.50	4500	3600	3400	3300	3200	2500	2200	2100	1800	1200	1200	1100
	.10	4200	3300	3100	3000	2600	2200	1800	1500	900	700	400	200
	.90	4800	4700	4700	4700	4700	4700	4700	4200	2800	2400	1900	1800
	.50	4700	4100	4100	4100	4100	4100	4100	3600	2400	1800	1600	1200
	.10	4400	3300	3100	3000	3000	3000	3000	3000	1800	1100	800	600
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5900	5500	5100	5100
	.50	5700	5300	5300	5300	5300	5300	5300	5300	5300	4900	4500	4500
	.10	5400	4200	4200	4200	4200	4200	4200	4200	4200	3800	3400	3400
6500	.90	4600	4000	4000	4000	3500	2900	2700	2600	2400	1800	1800	1500
	.50	4500	3600	3400	3400	3400	2500	2200	2100	1800	1200	1200	1100
	.10	4200	3300	3100	3100	2700	2200	1800	1700	1000	700	400	200
	.90	4800	4700	4700	4700	4700	4700	4700	4700	2900	2400	1900	1800
	.50	4700	4100	4100	4100	4100	4100	4100	4100	2500	1900	1800	1200
	.10	4400	3700	3100	3000	3000	3000	3000	3000	1800	1100	800	700
	.90	6000	6000	6000	6000	6000	6000	6000	6000	6000	5500	5100	5100
	.50	5700	5400	5400	5400	5400	5400	5400	5400	5400	4900	4500	4500
	.10	5400	4300	4300	4300	4300	4300	4300	4300	4300	3800	3400	3400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4600	4000	4000	4000	3500	3100	2800	2600	2400	1800	1800	1600
	.50	4500	3600	3400	3400	3400	3000	2500	2200	1800	1300	1200	1100
	.10	4200	3300	3100	3100	2700	2300	2200	1800	1100	800	500	200
	.90	4800	4800	4800	4800	4800	4800	4800	4800	3000	2400	2100	1800
	.50	4700	4500	4200	4200	4200	4200	4200	4200	2900	1900	1800	1200
	.10	4400	4200	3100	3100	3100	3100	3100	3100	1900	1100	900	700
	.90	6000	6000	6000	6000	6000	6000	6000	6000	6000	5500	5100	5100
	.50	5800	5400	5400	5400	5400	5400	5400	5400	5400	4900	4500	4500
	.10	5500	4300	4300	4300	4300	4300	4300	4300	4300	3800	3400	3400
6700	.90	4600	4100	4100	4100	4100	3100	2800	2800	2400	1800	1800	1700
	.50	4500	3600	3500	3500	3500	3000	2500	2200	1800	1400	1200	1200
	.10	4200	3300	3100	3100	2700	2400	2200	1800	1100	800	500	200
	.90	5500	4800	4800	4800	4800	4800	4800	4800	3100	2500	2200	1800
	.50	5400	4500	4200	4200	4200	4200	4200	4200	2900	1900	1800	1200
	.10	5100	4200	3300	3100	3100	3100	3100	3100	2000	1200	900	700
	.90	6100	6100	6100	6100	6100	6100	6100	6100	6100	5500	5100	5100
	.50	5800	5500	5500	5500	5500	5500	5500	5500	5500	4900	4500	4500
	.10	5500	4400	4400	4400	4400	4400	4400	4400	4400	3800	3700	3400
6800	.90	4800	4100	4100	4100	4100	3100	3000	2800	2400	1800	1800	1700
	.50	4700	3600	3500	3500	3500	3000	2900	2500	1900	1600	1200	1200
	.10	4400	3300	3100	3100	2700	2400	2400	2100	1200	800	600	300
	.90	5500	4900	4900	4900	4900	4900	4900	4900	3500	2500	2200	1800
	.50	5400	4500	4300	4300	4300	4300	4300	4300	2900	2200	1800	1300
	.10	5100	4200	3300	3200	3200	3200	3200	3200	2200	1300	900	800
	.90	6400	6100	6100	6100	6100	6100	6100	6100	6100	5500	5500	5100
	.50	6300	5500	5500	5500	5500	5500	5500	5500	5500	4900	4900	4500
	.10	6000	4400	4400	4400	4400	4400	4400	4400	4400	3800	3800	3400
6900	.90	4800	4200	4200	4200	4200	3500	3100	2800	2400	1900	1800	1800
	.50	4700	4000	3600	3600	3600	3400	3000	2500	1900	1800	1200	1200
	.10	4400	3700	3100	3100	2800	2600	2500	2200	1200	900	600	300
	.90	5600	4900	4900	4900	4900	4900	4900	4900	3500	2700	2400	1800
	.50	5500	4500	4300	4300	4300	4300	4300	4300	3000	2200	1800	1400
	.10	5200	4200	3700	3200	3200	3200	3200	3200	2400	1400	1000	800
	.90	6400	6100	6100	6100	6100	6100	6100	6100	6100	5500	5500	5100
	.50	6300	5500	5500	5500	5500	5500	5500	5500	5500	4900	4900	4500
	.10	6000	4400	4400	4400	4400	4400	4400	4400	4400	3800	3800	3400
6900	.90	4800	4200	4200	4200	4200	3500	3100	2800	2400	1900	1800	1800
	.50	4700	4000	3600	3600	3600	3400	3000	2500	1900	1800	1200	1200
	.10	4400	3700	3100	3100	2800	2600	2500	2200	1200	900	600	300
	.90	5600	4900	4900	4900	4900	4900	4900	4900	3500	2700	2400	1800
	.50	5500	4500	4300	4300	4300	4300	4300	4300	3000	2200	1800	1400
	.10	5200	4200	3700	3200	3200	3200	3200	3200	2400	1400	1000	800
	.90	6400	6100	6100	6100	6100	6100	6100	6100	6100	5500	5500	5100
	.50	6300	5500	5500	5500	5500	5500	5500	5500	5500	4900	4900	4500
	.10	6000	4400	4400	4400	4400	4400	4400	4400	4400	3800	3800	3400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	4800	4600	4200	4200	4200	3500	3100	3000	2500	2100	1800	1800
	.50	4700	4500	3600	3600	3600	3400	3000	2900	2000	1800	1200	1200
	.10	4400	4200	3100	3100	2900	2600	2500	2500	1300	900	700	400
	.90	5600	5000	5000	5000	5000	5000	5000	5000	3500	2800	2400	1900
	.50	5500	4500	4400	4400	4400	4400	4400	4400	3100	2200	1800	1600
	.10	5200	4200	3300	3300	3300	3300	3300	3300	2400	1400	1100	800
	.90	6500	6100	6100	6100	6100	6100	6100	6100	6100	5500	5500	5100
	.50	6400	5500	5500	5500	5500	5500	5500	5500	5500	4900	4900	4500
	.10	6100	4600	4400	4400	4400	4400	4400	4400	4400	3800	3800	3400





TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
2200	.90	700	400	300	200	100	0	0	0	0	0	0	0
	.50	400	100	0	0	0	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1100	900	800	600	400	200	100	0	0	0	0	0
	.50	800	600	400	200	0	0	0	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	2700	2700	2700	2700	1600	1500	1300	1300	900	600	500	300
	.50	1300	1300	1300	1300	800	500	200	200	0	0	0	0
	.10	600	600	300	100	0	0	0	0	0	0	0	0
2300	.90	700	600	400	300	200	0	0	0	0	0	0	0
	.50	400	200	0	0	0	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1100	900	900	800	500	300	200	100	0	0	0	0
	.50	800	600	600	400	100	0	0	0	0	0	0	0
	.10	300	200	100	0	0	0	0	0	0	0	0	0
	.90	2800	2800	2800	2800	2800	1500	1300	1300	1000	600	500	300
	.50	1400	1400	1400	1400	1400	600	400	200	0	0	0	0
	.10	900	600	600	300	100	0	0	0	0	0	0	0
2400	.90	900	700	500	400	200	100	0	0	0	0	0	0
	.50	600	400	100	0	0	0	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	1100	1100	900	800	600	400	200	200	0	0	0	0
	.50	800	800	600	500	200	0	0	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	2800	2800	2800	2800	2800	1500	1500	1300	1100	600	500	300
	.50	1600	1400	1400	1400	1400	600	400	200	0	0	0	0
	.10	1000	600	600	300	100	0	0	0	0	0	0	0
2500	.90	900	900	600	400	200	100	0	0	0	0	0	0
	.50	600	600	200	100	0	0	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	1100	1100	900	900	600	400	300	200	0	0	0	0
	.50	800	800	600	500	200	0	0	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	2900	2900	2900	2900	2900	1500	1500	1300	1100	600	600	400
	.50	1600	1500	1500	1500	1500	800	500	400	0	0	0	0
	.10	1100	1000	600	500	100	0	0	0	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1100	900	800	600	300	200	100	0	0	0	0	0
	.50	800	600	400	200	0	0	0	0	0	0	0	0
	.10	300	100	0	0	0	0	0	0	0	0	0	0
	.90	1100	1100	900	900	700	500	400	300	0	0	0	0
	.50	800	800	600	600	400	100	0	0	0	0	0	0
	.10	500	300	100	100	0	0	0	0	0	0	0	0
	.90	2900	2900	2900	2900	2900	1800	1500	1500	1100	600	600	500
	.50	1700	1600	1500	1500	1500	1200	600	500	100	0	0	0
	.10	1100	1100	600	600	100	0	0	0	0	0	0	0
2700	.90	1100	900	900	600	400	200	100	0	0	0	0	0
	.50	800	600	500	300	0	0	0	0	0	0	0	0
	.10	300	200	100	0	0	0	0	0	0	0	0	0
	.90	1400	1100	1000	900	800	600	400	300	0	0	0	0
	.50	1000	800	600	600	400	200	0	0	0	0	0	0
	.10	500	300	200	100	0	0	0	0	0	0	0	0
	.90	3000	3000	3000	3000	3000	2200	1500	1500	1200	700	600	500
	.50	1700	1600	1600	1600	1600	1200	600	600	100	0	0	0
	.10	1100	1100	600	600	200	0	0	0	0	0	0	0
2800	.90	1100	1100	900	800	600	300	200	100	0	0	0	0
	.50	800	800	600	400	200	0	0	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	1500	1100	1000	900	800	600	500	400	100	0	0	0
	.50	1100	800	600	600	500	200	0	0	0	0	0	0
	.10	500	500	300	100	0	0	0	0	0	0	0	0
	.90	3000	3000	3000	3000	3000	3000	1600	1500	1200	800	600	500
	.50	1800	1600	1600	1600	1600	1600	800	600	200	0	0	0
	.10	1200	1100	900	600	300	100	0	0	0	0	0	0
2900	.90	1100	1100	900	900	600	300	200	100	0	0	0	0
	.50	800	800	600	500	200	0	0	0	0	0	0	0
	.10	500	300	100	100	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1000	900	600	600	400	100	0	0	0
	.50	1100	1100	800	600	500	200	100	0	0	0	0	0
	.10	500	500	300	100	0	0	0	0	0	0	0	0
	.90	3000	3000	3000	3000	3000	3000	1600	1500	1200	800	600	500
	.50	1800	1600	1600	1600	1600	1600	800	600	200	0	0	0
	.10	1200	1100	900	600	300	100	0	0	0	0	0	0
	.90	1100	1100	900	900	600	300	200	100	0	0	0	0
	.50	800	800	600	500	200	0	0	0	0	0	0	0
	.10	500	300	100	100	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1000	900	600	600	400	100	0	0	0
	.50	1100	1100	800	600	500	200	100	0	0	0	0	0
	.10	500	500	300	100	0	0	0	0	0	0	0	0
	.90	3100	3100	3100	3100	3100	3100	2000	1600	1300	900	600	600
	.50	1800	1700	1700	1700	1700	1700	1200	600	200	0	0	0
	.10	1200	1100	1000	600	300	100	0	0	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1100	1100	900	900	600	400	300	200	0	0	0	0
	.50	800	800	600	600	300	0	0	0	0	0	0	0
	.10	500	300	100	100	0	0	0	0	0	0	0	0
	.90	1700	1600	1100	1100	900	800	600	500	200	0	0	0
	.50	1400	1200	800	600	500	300	200	0	0	0	0	0
	.10	900	600	300	100	0	0	0	0	0	0	0	0
	.90	3100	3100	3100	3100	3100	3100	2200	1600	1300	900	600	600
	.50	2000	1700	1700	1700	1700	1700	1200	800	200	0	0	0
	.10	1500	1100	1000	600	500	100	0	0	0	0	0	0
3100	.90	1100	1100	900	900	800	500	300	200	0	0	0	0
	.50	800	800	600	600	400	200	0	0	0	0	0	0
	.10	500	300	200	100	0	0	0	0	0	0	0	0
	.90	1800	1600	1100	1100	900	800	600	600	300	0	0	0
	.50	1500	1200	800	600	600	400	200	100	0	0	0	0
	.10	1000	600	300	200	100	0	0	0	0	0	0	0
	.90	3100	3100	3100	3100	3100	3100	2200	2100	1300	1000	600	600
	.50	2000	1900	1700	1700	1700	1700	1500	900	400	0	0	0
	.10	1500	1300	1100	900	600	100	0	0	0	0	0	0
3200	.90	1400	1100	1000	900	800	600	400	300	0	0	0	0
	.50	1000	800	600	600	400	200	0	0	0	0	0	0
	.10	500	300	200	100	0	0	0	0	0	0	0	0
	.90	1900	1800	1600	1100	1000	900	700	600	300	0	0	0
	.50	1600	1500	1200	800	600	400	200	200	0	0	0	0
	.10	1100	1000	600	300	100	0	0	0	0	0	0	0
	.90	3200	3200	3200	3200	3200	3200	3200	2100	1300	1100	600	600
	.50	2000	2000	1800	1800	1800	1800	1800	1200	400	0	0	0
	.10	1500	1500	1100	1000	600	100	100	0	0	0	0	0
3300	.90	1500	1100	1100	900	900	600	400	300	0	0	0	0
	.50	1100	800	800	600	500	200	0	0	0	0	0	0
	.10	500	500	300	100	0	0	0	0	0	0	0	0
	.90	2000	1900	1600	1100	1100	900	800	600	400	0	0	0
	.50	1600	1600	1200	800	600	500	200	200	0	0	0	0
	.10	1100	1100	600	500	100	0	0	0	0	0	0	0
	.90	3200	3200	3200	3200	3200	3200	3200	2200	1500	1100	700	600
	.50	2000	2000	1800	1800	1800	1800	1800	1200	500	100	0	0
	.10	1500	1500	1100	1000	600	300	100	0	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - CHUM:  
 SPAWNING MONTH - DECEMBER INCUBATION MONTH - MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3400	.90	1700	1500	1100	1000	900	600	600	400	0	0	0	0
	.50	1400	1100	800	600	500	200	200	0	0	0	0	0
	.10	900	500	300	100	0	0	0	0	0	0	0	0
	.90	2000	1900	1600	1600	1100	900	900	800	500	100	0	0
	.50	1600	1600	1200	1200	600	500	400	200	0	0	0	0
	.10	1100	1100	600	600	100	0	0	0	0	0	0	0
	.90	3300	3300	3300	3500	3300	3300	3300	2200	1500	1100	700	600
	.50	2000	2000	1900	1900	1900	1900	1900	1500	600	100	0	0
	.10	1500	1500	1100	1000	600	300	100	0	0	0	0	0
3500	.90	1800	1600	1100	1000	900	700	600	400	100	0	0	0
	.50	1500	1200	800	600	600	400	200	0	0	0	0	0
	.10	1000	600	300	200	100	0	0	0	0	0	0	0
	.90	2100	1900	1700	1600	1100	1000	900	800	600	200	0	0
	.50	1700	1600	1400	1200	600	600	400	200	0	0	0	0
	.10	1100	1100	900	600	200	100	0	0	0	0	0	0
	.90	3300	3300	3300	3300	3300	3300	3300	2300	1500	1100	800	600
	.50	2000	2000	1900	1900	1900	1900	1900	1600	600	100	0	0
	.10	1500	1500	1100	1100	600	500	100	100	0	0	0	0
3600	.90	1900	1800	1100	1100	900	800	600	500	200	0	0	0
	.50	1600	1500	800	800	600	400	200	100	0	0	0	0
	.10	1100	1000	500	300	100	0	0	0	0	0	0	0
	.90	2100	1900	1800	1600	1100	1100	900	900	600	300	0	0
	.50	1700	1600	1500	1200	800	600	500	400	0	0	0	0
	.10	1100	1100	1000	600	300	100	0	0	0	0	0	0
	.90	3400	3400	3400	3400	3400	3400	3400	2800	1500	1100	800	600
	.50	2500	2000	2000	2000	2000	2000	2000	2000	800	100	0	0
	.10	2000	1500	1100	1100	600	600	300	100	0	0	0	0
3700	.90	1900	1900	1600	1100	900	800	600	600	200	0	0	0
	.50	1600	1600	1200	800	600	500	200	200	0	0	0	0
	.10	1100	1100	600	300	100	0	0	0	0	0	0	0
	.90	2300	1900	1800	1600	1100	1100	900	900	600	300	0	0
	.50	2000	1600	1500	1200	800	600	500	400	0	0	0	0
	.10	1500	1100	1000	600	300	100	0	0	0	0	0	0
	.90	3400	3400	3400	3400	3400	3400	3400	2800	1500	1100	800	600
	.50	2500	2000	2000	2000	2000	2000	2000	2000	800	100	0	0
	.10	2000	1500	1100	1100	600	600	300	100	0	0	0	0
	.90	1900	1900	1600	1100	900	800	600	600	200	0	0	0
	.50	1600	1600	1200	800	600	500	200	200	0	0	0	0
	.10	1100	1100	600	300	100	0	0	0	0	0	0	0
	.90	2300	1900	1800	1600	1100	1100	900	900	600	300	0	0
	.50	2000	1600	1500	1200	800	600	500	400	0	0	0	0
	.10	1500	1100	1000	600	300	100	0	0	0	0	0	0
	.90	3400	3400	3400	3400	3400	3400	3400	3400	1600	1200	900	600
	.50	2500	2000	2000	2000	2000	2000	2000	2000	800	200	0	0
	.10	2000	1500	1300	1100	600	600	300	100	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM;  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2000	1900	1600	1600	1000	900	700	600	200	0	0	0
	.50	1600	1600	1200	1200	600	500	400	200	0	0	0	0
	.10	1100	1100	600	600	100	0	0	0	0	0	0	0
	.90	2300	1900	1900	1600	1300	1100	1000	900	600	400	0	0
	.50	2000	1600	1600	1200	1000	600	600	400	0	0	0	0
	.10	1500	1100	1100	900	600	100	0	0	0	0	0	0
	.90	3500	3500	3500	3500	3500	3500	3500	3500	1600	1200	900	600
	.50	2500	2100	2100	2100	2100	2100	2100	2100	800	200	0	0
	.10	2000	1500	1500	1400	800	600	500	100	0	0	0	0
3900	.90	2000	1900	1600	1600	1000	900	800	600	300	0	0	0
	.50	1600	1600	1300	1200	600	600	400	200	0	0	0	0
	.10	1100	1100	900	600	200	100	0	0	0	0	0	0
	.90	2300	2300	1900	1800	1600	1100	1100	900	600	500	100	0
	.50	2000	2000	1600	1500	1200	600	600	500	0	0	0	0
	.10	1500	1500	1100	1000	600	100	0	0	0	0	0	0
	.90	3500	3500	3500	3500	3500	3500	3500	3500	1700	1300	1000	700
	.50	2700	2500	2100	2100	2100	2100	2100	2100	900	200	100	0
	.10	2200	2000	1500	1100	900	600	500	300	0	0	0	0
4000	.90	2100	1900	1800	1600	1100	900	800	700	300	0	0	0
	.50	1700	1600	1500	1200	800	600	500	300	0	0	0	0
	.10	1100	1100	1000	600	300	100	0	0	0	0	0	0
	.90	2300	2300	1900	1800	1600	1100	1100	1000	600	500	200	0
	.50	2000	2000	1600	1500	1200	600	600	500	0	0	0	0
	.10	1500	1500	1100	1000	600	200	100	0	0	0	0	0
	.90	3600	3600	3600	3600	3600	3600	3600	3600	1900	1300	1100	700
	.50	3000	2500	2200	2200	2200	2200	2200	2200	1000	400	100	0
	.10	2400	2000	1500	1100	1000	600	600	300	100	0	0	0
4100	.90	2300	1900	1800	1600	1100	900	900	800	300	0	0	0
	.50	2000	1600	1500	1200	800	600	500	400	0	0	0	0
	.10	1500	1100	1000	600	300	100	0	0	0	0	0	0
	.90	2300	2300	1900	1800	1600	1100	1100	1000	700	500	300	0
	.50	2000	2000	1600	1500	1200	800	600	500	0	0	0	0
	.10	1500	1500	1100	1000	600	300	100	0	0	0	0	0
	.90	3600	3600	3600	3600	3600	3600	3600	3600	2200	1500	1100	800
	.50	3000	2500	2200	2200	2200	2200	2200	2200	1100	400	100	0
	.10	2400	2000	1500	1100	1000	600	600	300	200	0	0	0
	.90	2300	2300	1900	1800	1600	1100	1100	1000	700	500	300	0
	.50	2000	2000	1600	1500	1200	800	600	500	0	0	0	0
	.10	1500	1500	1100	1000	600	300	100	0	0	0	0	0
	.90	3600	3600	3600	3600	3600	3600	3600	3600	2200	1500	1100	800
	.50	3000	2500	2200	2200	2200	2200	2200	2200	1100	400	100	0
	.10	2400	2000	1500	1100	1000	600	600	300	200	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2300	1900	1900	1600	1300	900	900	800	400	0	0	0
	.50	2000	1600	1600	1200	900	600	500	400	0	0	0	0
	.10	1500	1100	1100	900	500	100	0	0	0	0	0	0
	.90	2300	1900	1900	1600	1600	1300	1100	1100	700	600	300	0
	.50	2000	2000	1600	1600	1200	800	600	600	100	0	0	0
	.10	1500	1500	1100	1100	600	300	100	0	0	0	0	0
	.90	3700	3700	3700	3700	3700	3700	3700	3700	2200	1500	1100	800
	.50	3000	2700	2300	2300	2300	2300	2300	2300	1200	500	100	0
	.10	2400	2200	1500	1500	1100	600	600	500	300	0	0	0
4300	.90	2300	2300	1900	1800	1600	1000	900	800	400	0	0	0
	.50	2000	2000	1600	1500	1200	600	600	400	0	0	0	0
	.10	1500	1500	1100	1000	600	100	0	0	0	0	0	0
	.90	2800	2300	1900	1900	1600	1300	1100	1100	800	600	400	200
	.50	2500	2000	1600	1600	1200	1000	600	600	100	0	0	0
	.10	2000	1500	1100	1100	600	500	100	0	0	0	0	0
	.90	3700	3700	3700	3700	3700	3700	3700	3700	2200	1500	1200	800
	.50	3000	2900	2500	2300	2300	2300	2300	2300	1200	600	200	0
	.10	2400	2400	2000	1500	1100	700	600	500	300	0	0	0
	.90	2300	2300	1900	1800	1600	1000	900	900	400	0	0	0
	.50	2000	2000	1600	1500	1200	600	600	500	0	0	0	0
	.10	1500	1500	1100	1000	600	200	100	0	0	0	0	0
	.90	2800	2500	2300	1900	1600	1500	1300	1100	800	600	500	300
	.50	2500	2000	1900	1600	1200	1100	700	600	200	0	0	0
	.10	2000	1500	1300	1100	700	600	300	100	0	0	0	0
	.90	3700	3700	3700	3700	3700	3700	3700	3700	2300	1500	1200	900
	.50	3000	2900	2500	2300	2300	2300	2300	2300	1400	600	200	0
	.10	2400	2400	2000	1500	1100	900	600	600	300	0	0	0
	.90	2300	2300	1900	1800	1600	1100	900	900	500	0	0	0
	.50	2000	2000	1600	1500	1200	700	600	500	0	0	0	0
	.10	1500	1500	1100	1000	600	300	100	0	0	0	0	0
	.90	2800	2500	2300	2300	1800	1600	1300	1300	900	600	500	300
	.50	2500	2000	2000	1600	1200	1200	800	600	200	0	0	0
	.10	2000	1600	1500	1100	900	600	300	100	0	0	0	0
4500	.90	3700	3700	3700	3700	3700	3700	3700	3700	2300	1500	1200	900
	.50	3000	2900	2500	2300	2300	2300	2300	2300	1400	600	200	0
	.10	2400	2400	2000	1500	1100	900	600	600	300	0	0	0
	.90	2300	2300	1900	1800	1600	1100	900	900	500	0	0	0
	.50	2000	2000	1600	1500	1200	700	600	500	0	0	0	0
	.10	1500	1500	1100	1000	600	300	100	0	0	0	0	0
	.90	2800	2500	2300	2300	1800	1600	1300	1300	900	600	500	300
	.50	2500	2000	2000	1600	1200	1200	800	600	200	0	0	0
	.10	2000	1600	1500	1100	900	600	300	100	0	0	0	0
	.90	3800	3800	3800	3800	3800	3800	3800	3800	2600	1600	1200	1000
	.50	3000	2900	2500	2400	2400	2400	2400	2400	1400	800	200	100
	.10	2400	2400	2000	1500	1100	900	600	600	400	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2300	2300	1900	1900	1600	1100	1000	900	600	100	0	0
	.50	2000	2000	1600	1600	1200	800	600	600	0	0	0	0
	.10	1500	1500	1100	1100	600	300	100	0	0	0	0	0
	.90	3000	2800	2500	2300	1900	1600	1500	1300	1000	600	600	300
	.50	2700	2500	2000	1600	1300	1200	1100	700	200	0	0	0
	.10	2200	2000	1500	1100	900	600	500	100	0	0	0	0
	.90	3800	3800	3800	3800	3800	3800	3800	3800	2600	1700	1300	1100
	.50	3000	2900	2500	2400	2400	2400	2400	2400	1400	800	400	100
	.10	2400	2400	2000	1600	1100	1000	600	600	400	0	0	0
4700	.90	2800	2300	1900	1900	1600	1100	1000	900	600	200	0	0
	.50	2500	2000	1600	1600	1200	800	600	600	0	0	0	0
	.10	2000	1500	1100	1100	600	500	100	0	0	0	0	0
	.90	3200	2800	2600	2600	1900	1600	1600	1500	1100	600	600	400
	.50	2900	2500	2000	1600	1500	1200	1200	800	200	0	0	0
	.10	2400	2000	1500	1100	1000	600	500	300	0	0	0	0
4800	.90	3900	3900	3900	3900	3900	3900	3900	3900	2800	1700	1500	1100
	.50	3000	2900	2900	2500	2500	2500	2500	2500	1600	800	400	100
	.10	2400	2400	2400	2000	1300	1000	600	600	500	0	0	0
	.90	2800	2300	2300	1900	1600	1500	1100	900	600	300	0	0
	.50	2500	2000	1900	1600	1200	1100	600	600	100	0	0	0
	.10	2000	1500	1300	1100	700	500	200	100	0	0	0	0
	.90	3200	2800	2600	2600	1900	1600	1600	1500	1100	700	600	500
	.50	2900	2500	2000	1700	1500	1200	1200	1000	200	0	0	0
	.10	2400	2000	1500	1300	1000	600	600	300	0	0	0	0
	.90	4300	3900	3900	3900	3900	3900	3900	3900	2800	1900	1500	1200
	.50	3900	2900	2900	2500	2500	2500	2500	2500	2000	900	500	100
	.10	3300	2400	2400	2000	1400	1000	700	600	500	0	0	0
4900	.90	2800	2300	2300	1900	1600	1500	1100	1000	600	300	0	0
	.50	2500	2000	2000	1600	1200	1200	800	600	100	0	0	0
	.10	2000	1600	1500	1100	900	600	300	100	0	0	0	0
	.90	3400	2800	2700	2700	2300	1800	1600	1600	1100	800	600	500
	.50	3000	2500	2000	1900	1600	1300	1200	1200	400	0	0	0
	.10	2400	2000	1500	1500	1100	600	600	500	0	0	0	0
	.90	4300	4000	4000	4000	4000	4000	4000	4000	3800	2200	1500	1200
	.50	3900	2900	2900	2600	2600	2600	2600	2600	2400	1200	600	200
	.10	3300	2400	2400	2000	1500	1100	800	600	600	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- CHUM:  
 SPAWNING MONTH -- DECEMBER INCUBATION MONTH -- MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5000	.90	3000	2800	2300	1900	1600	1600	1100	1100	700	400	0	0
	.50	2700	2500	2000	1600	1300	1200	800	600	200	0	0	0
	.10	2200	2000	1500	1100	900	600	500	100	0	0	0	0
	.90	3400	3200	2800	2700	2700	1900	1600	1600	1200	800	600	600
	.50	3000	2900	2500	2000	1600	1300	1200	1200	400	0	0	0
	.10	2400	2400	2000	1500	1100	700	600	500	0	0	0	0
	.90	4300	4000	4000	4000	4000	4000	4000	4000	3800	2200	1600	1300
	.50	3900	2900	2900	2600	2600	2600	2600	2600	2400	1400	700	300
	.10	3300	2400	2400	2000	1500	1100	900	600	600	100	0	0
5100	.90	3200	2800	2300	1900	1800	1600	1500	1100	700	500	100	0
	.50	2900	2500	2000	1600	1500	1200	1100	600	200	0	0	0
	.10	2400	2000	1500	1100	1000	600	500	300	0	0	0	0
	.90	3400	3200	2800	2800	2800	1900	1700	1600	1300	900	600	600
	.50	3000	2900	2500	2000	1600	1400	1200	1200	400	0	0	0
	.10	2400	2400	2000	1500	1100	900	600	600	0	0	0	0
	.90	4300	4000	4000	4000	4000	4000	4000	4000	3800	2300	1700	1400
	.50	3900	3000	2900	2600	2600	2600	2600	2600	2400	1400	800	500
	.10	3300	2400	2400	2000	1600	1100	1000	600	600	300	0	0
5200	.90	3200	2800	2300	2200	1800	1600	1500	1100	800	500	200	0
	.50	2900	2500	2000	1900	1500	1200	1200	800	200	0	0	0
	.10	2400	2000	1500	1300	1000	600	600	300	0	0	0	0
	.90	3400	3200	2800	2800	2800	1900	1800	1600	1300	900	600	600
	.50	3000	2900	2500	2000	1600	1400	1400	1200	500	100	0	0
	.10	2400	2400	2000	1500	1100	900	600	600	0	0	0	0
	.90	4300	4000	4000	4000	4000	4000	4000	4100	3800	2800	1900	1500
	.50	3900	3000	2900	2600	2600	2600	2600	2700	2500	1400	900	600
	.10	3300	2400	2400	2000	1700	1100	1000	800	700	400	0	0
5300	.90	3200	2800	2300	2300	1900	1600	1600	1100	800	600	300	0
	.50	2900	2500	2000	1900	1600	1200	1200	800	200	0	0	0
	.10	2400	2000	1500	1500	1100	600	600	500	0	0	0	0
	.90	3400	3200	2900	2900	2900	2300	1900	1700	1300	1000	700	600
	.50	3000	2900	2500	2000	1600	1500	1500	1200	500	100	0	0
	.10	2400	2400	2000	1600	1100	1000	600	600	0	0	0	0
	.90	4300	4200	4200	4200	4100	4100	4100	4100	3800	2800	1900	1500
	.50	3900	3000	2900	2800	2700	2700	2700	2700	2500	1400	900	600
	.10	3300	2400	2400	2300	1700	1100	1000	800	700	400	0	0
	.90	3200	2800	2300	2300	1900	1600	1600	1100	800	600	300	0
	.50	2900	2500	2000	1900	1600	1200	1200	800	200	0	0	0
	.10	2400	2000	1500	1500	1100	600	600	500	0	0	0	0
	.90	3400	3200	2900	2900	2900	2300	1900	1700	1300	1000	700	600
	.50	3000	2900	2500	2000	1600	1500	1500	1200	500	100	0	0
	.10	2400	2400	2000	1600	1100	1000	600	600	0	0	0	0
	.90	4300	4200	4200	4200	4200	4100	4100	4100	4100	2900	2100	1600
	.50	3900	3000	2900	2900	2800	2700	2700	2700	2700	1600	1100	600
	.10	3300	2400	2400	2400	1700	1400	1000	800	700	400	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3400	3200	2800	2300	1900	1600	1600	1300	800	600	300	0
	.50	3000	2900	2500	2000	1600	1200	1200	1000	200	0	0	0
	.10	2400	2400	2000	1500	1100	700	600	500	0	0	0	0
	.90	3400	3200	3200	2900	2900	2800	1900	1800	1300	1100	700	600
	.50	3000	2900	2900	2500	1700	1500	1500	1300	600	100	0	0
	.10	2400	2400	2400	2000	1300	1000	600	600	0	0	0	0
	.90	4300	4200	4200	4200	4200	4200	4200	4200	4200	3000	2200	1600
	.50	3900	3000	2900	2900	2800	2800	2800	2800	2800	2400	1400	800
	.10	3300	2400	2400	2400	1700	1500	1100	900	800	400	0	0
5500	.90	3400	3200	2800	2300	1900	1600	1600	1500	900	600	400	100
	.50	3000	2900	2500	2000	1600	1200	1200	1100	200	0	0	0
	.10	2400	2400	2000	1500	1100	900	600	600	0	0	0	0
	.90	3400	3200	3200	3000	3000	3000	2200	1900	1500	1100	800	600
	.50	3000	2900	2900	2500	1900	1600	1600	1500	600	100	0	0
	.10	2400	2400	2400	2000	1400	1000	700	600	0	0	0	0
	.90	4300	4200	4200	4200	4200	4200	4200	4200	4200	3800	2400	1800
	.50	3900	3000	2900	2900	2800	2800	2800	2800	2800	2400	1400	800
	.10	3300	2500	2400	2400	2000	1500	1100	1000	800	600	300	0
5600	.90	3400	3200	2800	2300	1900	1600	1600	1500	900	600	500	200
	.50	3000	2900	2500	2000	1600	1300	1200	1200	300	0	0	0
	.10	2400	2400	2000	1500	1100	900	600	600	0	0	0	0
	.90	3400	3200	3200	3000	3000	3000	2300	2000	1500	1100	800	600
	.50	3000	2900	2900	2500	1900	1600	1600	1600	600	200	0	0
	.10	2400	2400	2400	2000	1500	1100	700	600	0	0	0	0
	.90	4300	4300	4300	4300	4300	4300	4300	4300	4300	3800	2800	2000
	.50	3900	3000	2900	2900	2900	2900	2900	2900	2900	2400	1600	1000
	.10	3300	2500	2400	2400	2000	1600	1100	1000	900	700	400	0
5700	.90	3400	3200	2800	2300	1900	1600	1600	1600	900	600	500	300
	.50	3000	2900	2500	2000	1600	1500	1200	1200	400	0	0	0
	.10	2400	2400	2000	1600	1100	1000	600	600	0	0	0	0
	.90	4300	3200	3200	3100	3100	3100	2300	2200	1500	1200	900	600
	.50	3900	2900	2900	2500	2000	1700	1700	1600	800	200	0	0
	.10	3300	2400	2400	2000	1500	1100	900	600	0	0	0	0
	.90	4500	4300	4300	4300	4300	4300	4300	4300	4300	3800	3000	2200
	.50	4200	3000	2900	2900	2900	2900	2900	2900	2900	2400	1700	1200
	.10	3700	2500	2400	2400	2000	1700	1400	1000	900	800	400	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3400	3200	3200	2800	2000	1800	1600	1600	1000	600	500	300
	.50	3000	2900	2900	2500	1700	1500	1200	1200	400	0	0	0
	.10	2400	2400	2400	2000	1300	1000	600	600	0	0	0	0
	.90	4300	3200	3200	3100	3100	3100	2800	2200	1600	1200	900	600
	.50	3900	2900	2900	2500	2000	1700	1700	1700	800	200	0	0
	.10	3300	2400	2400	2000	1500	1100	900	600	0	0	0	0
	.90	5200	4400	4400	4400	4400	4400	4400	4400	4400	3800	3000	2300
	.50	4800	3400	3000	3000	3000	3000	3000	3000	3000	2400	2400	1400
	.10	4200	2800	2400	2400	2000	1700	1500	1100	1000	800	400	100
	.90	3400	3200	3200	2800	2200	1800	1600	1600	1600	600	600	400
5900	.50	3000	2900	2900	2500	1900	1500	1200	1200	400	0	0	0
	.10	2400	2400	2400	2000	1400	1000	700	600	0	0	0	0
	.90	4300	3200	3200	3100	3100	3100	3100	2300	1600	1200	1000	700
	.50	3900	2900	2900	2600	2000	1700	1700	1700	800	200	0	0
	.10	3300	2400	2400	2300	1600	1100	1000	700	0	0	0	0
	.90	5200	4400	4400	4400	4400	4400	4400	4400	4400	3800	3800	2800
	.50	4800	4000	3000	3000	3000	3060	3000	3000	3000	2800	2400	1500
	.10	4200	3500	2400	2400	2300	1700	1600	1100	1000	800	400	400
	.90	3400	3200	3200	2800	2300	1900	1600	1600	1600	700	600	500
	.50	3000	2900	2900	2500	1900	1600	1200	1200	1200	500	0	0
6000	.10	2400	2400	2400	2000	1500	1100	800	600	0	0	0	0
	.90	4300	3400	3200	3200	3200	3200	3200	2700	1600	1300	1000	700
	.50	3900	3000	2900	2900	2300	1800	1800	1800	900	400	100	0
	.10	3300	2400	2400	2400	1700	1300	1000	700	0	0	0	0
	.90	5300	4500	4500	4500	4500	4500	4500	4500	4500	4200	3800	2800
	.50	4900	4000	3100	3100	3100	3100	3100	3100	3100	2800	2400	1700
	.10	4300	3500	2500	2400	2400	2000	1700	1400	1100	1000	500	400
	.90	3600	3200	3200	2800	2300	1900	1700	1600	1600	700	600	500
	.50	3300	2900	2900	2500	2000	1600	1200	1200	1200	500	0	0
	.10	2800	2400	2400	2000	1500	1100	900	600	0	0	0	0
6100	.90	4300	3400	3200	3200	3200	3200	3200	2800	1600	1300	1100	700
	.50	3900	3000	2900	2900	2300	1900	1800	1800	1000	400	100	0
	.10	3300	2400	2400	2400	1700	1300	1000	700	0	0	0	0
	.90	5300	4500	4500	4500	4500	4500	4500	4500	4500	4200	3800	2800
	.50	4900	4000	3100	3100	3100	3100	3100	3100	3100	2800	2400	1700
	.10	4300	3500	2500	2400	2400	2000	1700	1400	1100	1000	500	400
	.90	3600	3200	3200	2800	2300	1900	1700	1600	1600	700	600	500
	.50	3300	2900	2900	2500	2000	1600	1200	1200	1200	500	0	0
	.10	2800	2400	2400	2000	1500	1100	900	600	0	0	0	0
	.90	4300	3400	3200	3200	3200	3200	3200	2800	1600	1300	1100	700
6100	.50	3900	3000	2900	2900	2300	1900	1800	1800	1000	400	100	0
	.10	3300	2400	2400	2400	1700	1300	1000	800	0	0	0	0
	.90	5300	4500	4500	4500	4500	4500	4500	4500	4500	4200	3800	3100
	.50	4900	4000	3100	3100	3100	3100	3100	3100	3100	2800	2400	1900
	.10	4300	3500	2500	2400	2400	2000	1700	1400	1100	1000	500	400
	.90	3600	3200	3200	2800	2300	1900	1700	1600	1600	700	600	500
	.50	3300	2900	2900	2500	2000	1600	1200	1200	1200	500	0	0
	.10	2800	2400	2400	2000	1500	1100	900	600	0	0	0	0
	.90	4300	3400	3200	3200	3200	3200	3200	2800	1600	1300	1100	700
	.50	3900	3000	2900	2900	2300	1900	1800	1800	1000	400	100	0
6100	.10	3300	2400	2400	2400	1700	1300	1000	800	0	0	0	0
	.90	5300	4500	4500	4500	4500	4500	4500	4500	4500	4200	3800	3100
	.50	4900	4000	3100	3100	3100	3100	3100	3100	3100	2800	2400	1900
	.10	4300	3500	2500	2400	2400	2000	1700	1400	1100	1000	500	400
	.90	3600	3200	3200	2800	2300	1900	1700	1600	1600	700	600	500
	.50	3300	2900	2900	2500	2000	1600	1200	1200	1200	500	0	0
	.10	2800	2400	2400	2000	1500	1100	900	600	0	0	0	0
	.90	4300	3400	3200	3200	3200	3200	3200	2800	1600	1300	1100	700
	.50	3900	3000	2900	2900	2300	1900	1800	1800	1000	400	100	0
	.10	3300	2400	2400	2400	1700	1300	1000	800	0	0	0	0

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - CHUM:  
 SPANNING MONTH - DECEMBER INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4300	3200	3200	2900	2500	1900	1800	1600	1100	800	600	500
	.50	3900	2900	2900	2600	2000	1600	1300	1200	600	100	0	0
	.10	3300	2400	2400	2200	1500	1100	900	600	0	0	0	0
	.90	4300	3300	3300	3300	3300	3300	3300	3000	1700	1300	1100	800
	.50	3900	3000	2900	2900	2500	2000	1900	1900	1200	500	100	0
	.10	3300	2500	2400	2400	2000	1500	1100	900	0	0	0	0
	.90	5400	4600	4600	4600	4600	4600	4600	4600	4600	4200	3800	3200
	.50	5000	4000	3400	3200	3200	3200	3200	3200	3200	2800	2400	2400
	.10	4400	3500	2800	2400	2400	2000	1700	1600	1200	1200	800	400
6300	.90	4300	3200	3200	3000	2600	2200	1900	1600	1200	800	600	600
	.50	3900	2900	2900	2700	2000	1600	1400	1200	600	100	0	0
	.10	3300	2400	2400	2300	1600	1100	1000	700	0	0	0	0
	.90	4300	3400	3300	3300	3300	3300	3300	3200	1900	1400	1100	800
	.50	3900	3000	2900	2900	2500	2000	1900	1900	1200	500	100	0
	.10	3300	2500	2400	2400	2000	1500	1100	1000	100	0	0	0
	.90	5400	4600	4600	4600	4600	4600	4600	4600	4600	4200	3800	3800
	.50	5000	4000	4000	3200	3200	3200	3200	3200	3200	2800	2400	2400
	.10	4400	3500	3500	2400	2400	2000	1700	1700	1200	1200	800	400
6400	.90	4300	3400	3200	3100	2700	2300	1900	1700	1300	900	600	600
	.50	3900	3000	2900	2800	2300	1600	1500	1200	600	100	0	0
	.10	3300	2400	2400	2400	1700	1100	1000	700	0	0	0	0
	.90	4500	3400	3400	3400	3400	3400	3400	3400	2100	1500	1100	800
	.50	4200	3000	2900	2900	2500	2300	2000	2000	1200	600	100	0
	.10	3700	2500	2400	2400	2000	1700	1300	1000	100	0	0	0
	.90	5500	4600	4600	4600	4600	4600	4600	4600	4600	4200	3800	3800
	.50	5100	4000	4000	3200	3200	3200	3200	3200	3200	2800	2400	2400
	.10	4500	3500	3500	2500	2400	2000	1700	1700	1200	1200	800	400
6500	.90	4300	3400	3200	3200	2800	2300	2000	1800	1300	1000	700	600
	.50	3900	3000	2900	2900	2400	1900	1500	1300	600	100	0	0
	.10	3300	2500	2400	2400	2000	1400	1000	800	0	0	0	0
	.90	4500	3800	3400	3400	3400	3400	3400	3400	2200	1500	1100	900
	.50	4200	3400	2900	2900	2500	2300	2000	2000	1300	600	200	0
	.10	3700	2800	2400	2400	2000	1700	1500	1100	300	0	0	0
	.90	5500	4700	4700	4700	4700	4700	4700	4700	4700	4200	3800	3800
	.50	5100	4000	4000	3300	3300	3300	3300	3300	3300	2800	2500	2400
	.10	4500	3500	3500	2500	2400	2300	1700	1700	1300	1300	800	400

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- CHUM:  
 SPANNING MONTH -- DECEMBER INCUBATION MONTH -- MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4300	3400	3200	3200	2800	2700	2300	1900	1300	1100	700	600
	.50	3900	3000	2900	2900	2500	2000	1600	1300	700	200	0	0
	.10	3300	2500	2400	2400	2000	1500	1100	900	0	0	0	0
	.90	4500	4300	3500	3500	3500	3500	3500	3500	2200	1500	1200	900
	.50	4200	4000	2900	2900	2700	2300	2100	2100	1400	800	200	0
	.10	3700	3500	2400	2400	2300	1700	1500	1100	300	0	0	0
	.90	5600	4700	4700	4700	4700	4700	4700	4700	4700	4200	3800	3800
	.50	5200	4000	4000	3500	3300	3300	3300	3300	3300	2800	2800	2400
	.10	4600	3500	3500	3200	2400	2300	2000	1700	1300	1300	800	500
6700	.90	4300	3400	3200	3200	2800	2800	2300	1900	1500	1100	800	600
	.50	3900	3000	2900	2900	2500	2000	1600	1400	800	200	0	0
	.10	3300	2500	2400	2400	2000	1500	1100	1000	0	0	0	0
	.90	5200	4300	3500	3500	3500	3500	3500	3500	2300	1600	1200	1000
	.50	4800	4000	3000	2900	2800	2500	2100	2100	1500	800	200	100
	.10	4200	3500	2500	2400	2400	2000	1700	1200	300	0	0	0
	.90	5600	4800	4800	4800	4800	4800	4800	4800	4800	4200	3900	3800
	.50	5200	4000	4000	4000	3400	3400	3400	3400	3400	2800	2800	2400
	.10	4600	3500	3500	3400	2400	2400	2000	1700	1400	1400	800	600
6800	.90	4500	3400	3200	3200	2800	2800	2700	2200	1500	1100	800	600
	.50	4200	3000	2900	2900	2500	2000	1700	1500	800	200	0	0
	.10	3700	2500	2400	2400	2000	1600	1100	1000	100	0	0	0
	.90	5200	4300	3600	3600	3600	3600	3600	3600	2400	1600	1300	1000
	.50	4800	4000	3000	2900	2900	2500	2300	2200	1600	800	300	100
	.10	4200	3500	2500	2400	2400	2000	1700	1400	300	0	0	0
	.90	6100	4800	4800	4800	4800	4800	4800	4800	4800	4200	4200	3800
	.50	5700	4200	4000	4000	3400	3400	3400	3400	3400	2900	2800	2400
	.10	5100	3700	3500	3500	2400	2400	2000	1700	1400	1400	800	800
6900	.90	4500	3800	3200	3200	2900	2900	2800	2300	1500	1100	800	600
	.50	4200	3400	2900	2900	2600	2300	1900	1600	900	200	0	0
	.10	3700	2800	2400	2400	2300	1700	1400	1100	100	0	0	0
	.90	5300	4300	3800	3600	3600	3600	3600	3600	2700	1700	1300	1100
	.50	4900	4000	3400	2900	2900	2500	2300	2200	1700	800	400	100
	.10	4300	3500	2800	2400	2400	2000	1700	1500	400	0	0	0
	.90	6100	4800	4800	4800	4800	4800	4800	4800	4800	4200	4200	3800
	.50	5700	4200	4000	4000	3400	3400	3400	3400	3400	2900	2800	2400
	.10	5100	4200	4000	4000	3400	3400	3400	3400	3400	2900	2800	2400
	.90	6100	4800	4800	4800	4800	4800	4800	4800	4800	4200	4200	3800
	.50	5700	4200	4000	4000	3400	3400	3400	3400	3400	2900	2800	2400
	.10	5100	3700	3500	3500	2400	2400	2000	1700	1400	1400	800	800

TABLE 3. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - CHUM;  
 SPawning MONTH - DECEMBER INCUBATION MONTH - MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	4500	4300	3200	3000	2900	2800	2700	1600	1200	900	600
	.50	.50	4200	4000	2900	2700	2300	2000	1600	900	300	0	0
	.10	.10	3700	3500	2400	2400	1700	1500	1100	300	0	0	0
	.50	.90	5300	4300	4300	3700	3700	3700	3700	2700	1700	1400	1100
	.50	.50	4900	4000	2900	2900	2500	2300	2300	1900	900	500	100
	.10	.10	4300	3500	2400	2400	2000	1700	1600	400	0	0	0
	.90	.90	6200	4800	4800	4800	4800	4800	4800	4800	4200	4200	3800
	.50	.50	5800	4300	4000	3400	3400	3400	3400	3400	2900	2800	2400
	.10	.10	5200	3800	3500	2400	2400	2000	1700	1400	1400	800	800

.32.59.43LP, 4.885, GDNR002, TH, 00

Appendix I. Tables of Gorge release (cfs) providing indicated percent of maximum effective spawning WUA for steelhead trout using the IFG effective spawning habitat program and reach extrapolation procedure II.



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
1400 .90	700	700	500	500	400	300	300	200	100	0	0	0
.50	600	600	500	400	300	200	200	100	0	0	0	0
.10	400	400	300	200	100	0	0	0	0	0	0	0
.90	800	700	600	500	400	400	300	200	100	0	0	0
.50	700	600	500	400	300	200	200	100	0	0	0	0
.10	400	400	300	200	100	0	0	0	0	0	0	0
.90	1100	900	900	900	700	800	700	600	400	100	0	0
.50	1000	800	700	700	500	400	300	300	100	0	0	0
.10	700	600	500	400	200	100	0	0	0	0	0	0
.90	800	800	700	600	500	400	300	300	100	0	0	0
.50	700	700	600	500	400	300	200	200	0	0	0	0
.10	500	500	400	300	100	0	0	0	0	0	0	0
.90	1200	1200	1100	900	900	900	800	700	500	200	100	0
.50	1000	800	800	700	600	400	400	300	200	0	0	0
.10	700	600	600	500	400	200	100	0	0	0	0	0
.90	900	900	800	700	500	400	400	300	100	0	0	0
.50	800	800	700	600	400	300	300	200	0	0	0	0
.10	600	600	500	400	200	100	0	0	0	0	0	0
.90	900	900	800	700	500	400	400	400	200	0	0	0
.50	800	800	700	600	400	300	300	200	0	0	0	0
.10	600	600	500	400	200	100	0	0	0	0	0	0
.90	1200	1200	1200	1200	900	900	900	800	500	300	100	0
.50	1100	1000	800	800	700	600	400	400	200	0	0	0
.10	800	700	600	600	400	200	100	100	0	0	0	0
.90	900	900	900	800	600	500	400	400	200	0	0	0
.50	800	800	800	700	500	400	300	300	100	0	0	0
.10	600	600	600	500	300	100	100	0	0	0	0	0
.90	1100	900	900	800	700	500	400	400	200	0	0	0
.50	1000	900	800	700	600	400	300	300	100	0	0	0
.10	700	600	600	500	300	100	100	0	0	0	0	0
.90	1600	1200	1200	1200	1100	900	900	900	600	400	200	100
.50	1100	1100	900	800	700	600	600	500	300	100	0	0
.10	800	800	700	600	500	400	200	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
1800	.90	1100	900	900	900	700	500	400	400	200	0	0	0
	.50	1000	800	800	800	600	400	300	300	100	0	0	0
	.10	700	600	500	500	400	200	100	0	0	0	0	0
	.90	1100	900	900	900	700	500	500	400	200	100	0	0
	.50	1000	800	800	800	500	400	400	300	100	0	0	0
	.10	700	600	500	500	400	200	100	100	0	0	0	0
	.90	1700	1300	1200	1200	1200	1100	900	900	700	500	300	100
	.50	1100	1000	1000	1000	300	700	600	600	300	100	0	0
	.10	800	800	800	700	600	500	400	200	0	0	0	0
1900	.90	1100	1000	900	900	300	600	500	400	200	0	0	0
	.50	1000	900	800	800	700	500	400	300	100	0	0	0
	.10	700	700	600	600	500	300	100	100	0	0	0	0
	.90	1200	1100	900	900	800	700	500	500	300	100	0	0
	.50	1100	1000	800	800	700	600	400	300	100	0	0	0
	.10	800	700	600	600	500	400	200	100	0	0	0	0
	.90	1700	1500	1400	1200	1200	1200	1100	900	800	500	400	200
	.50	1300	1100	1100	1000	900	800	700	600	300	200	100	0
	.10	1000	900	800	800	700	600	400	300	0	0	0	0
2000	.90	1200	1100	1100	900	900	700	600	500	300	100	0	0
	.50	1100	1000	1000	800	800	600	500	400	200	0	0	0
	.10	800	800	700	600	500	400	200	100	0	0	0	0
	.90	1200	1200	1100	1000	900	800	700	600	400	100	0	0
	.50	1100	1100	1000	900	800	700	500	400	200	0	0	0
	.10	800	800	700	700	600	400	300	100	0	0	0	0
	.90	1700	1700	1500	1400	1200	1200	1200	1100	900	600	400	300
	.50	1500	1300	1100	1100	1000	800	800	700	400	200	100	0
	.10	1200	1000	900	800	700	600	500	400	0	0	0	0
2100	.90	1200	1200	1100	1100	900	800	700	600	300	100	0	0
	.50	1100	1100	1000	1000	800	700	600	500	200	0	0	0
	.10	900	800	800	700	600	500	400	200	0	0	0	0
	.90	1200	1200	1100	1100	900	900	800	700	400	200	0	0
	.50	1100	1100	1000	1000	800	800	600	500	200	0	0	0
	.10	900	800	800	800	600	500	400	200	0	0	0	0
	.90	1800	1800	1600	1500	1300	1200	1200	1200	900	700	500	400
	.50	1500	1300	1200	1100	1100	900	800	800	600	300	200	0
	.10	1200	1000	900	900	800	700	600	500	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MARCH INCUBATION MONTH - APRIL

SPawning Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2200	.90	1200	1200	1200	1100	1000	900	800	700	400	100	0	0
	.50	1100	1100	1100	1000	900	800	700	600	200	0	0	0
	.10	900	900	800	800	700	600	500	400	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	900	800	500	200	100	0
	.50	1300	1100	1100	1100	900	800	700	600	300	0	0	0
	.10	1000	900	900	800	700	600	500	400	0	0	0	0
	.90	2000	1900	1800	1600	1400	1300	1200	1200	900	800	500	400
	.50	1500	1400	1300	1200	1100	1000	900	800	600	300	200	100
	.10	1200	1000	900	900	300	700	600	600	100	0	0	0
2300	.90	1400	1200	1200	1200	1100	900	900	800	400	200	0	0
	.50	1300	1100	1100	1100	1000	800	800	700	300	0	0	0
	.10	1000	900	900	800	700	600	500	400	0	0	0	0
	.90	1600	1400	1200	1200	1100	900	900	900	500	300	100	0
	.50	1500	1300	1100	1100	1000	800	800	700	300	100	0	0
	.10	1200	1000	900	900	800	600	600	500	0	0	0	0
	.90	2700	2100	1900	1700	1500	1300	1300	1200	1000	900	700	500
	.50	2100	1500	1400	1300	1200	1100	1000	900	700	400	200	100
	.10	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.90	1600	1400	1200	1200	1200	1000	900	900	400	200	0	0
	.50	1500	1300	1100	1100	1100	900	800	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	500	0	0	0	0
	.90	2700	2100	1900	1700	1500	1300	1300	1200	1000	900	700	500
	.50	2100	1700	1500	1400	1300	1100	1100	1000	700	400	200	100
	.10	1300	1000	900	900	800	700	600	600	100	0	0	0
	.90	2700	2300	2100	1900	1700	1400	1300	1300	1100	900	700	500
	.50	2100	1700	1500	1400	1300	1100	1100	1000	700	500	300	200
	.10	1300	1200	1100	1000	900	900	800	700	300	0	0	0
	.90	1600	1400	1300	1200	1200	1000	900	900	500	300	100	0
	.50	1500	1300	1200	1100	1100	900	800	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	400	200	0	0
	.10	1200	1200	1000	900	800	700	600	600	100	0	0	0
	.90	2700	2700	2300	2100	1800	1600	1400	1300	1200	900	800	700
	.50	2100	2100	1700	1500	1400	1200	1100	1100	800	600	300	200
	.10	1300	1300	1200	1100	900	900	800	700	400	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2600	.90	1600	1500	1400	1300	1200	1100	1000	900	600	300	100	0
	.50	1500	1400	1300	1200	1100	1000	900	800	400	100	0	0
	.10	1200	1200	1000	900	900	800	700	600	100	0	0	0
	.90	1600	1600	1400	1300	1200	1200	1100	1000	800	500	300	100
	.50	1500	1500	1300	1200	1100	1100	900	800	600	200	100	0
	.10	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.90	2700	2700	2500	2300	1900	1700	1500	1400	1200	1000	900	700
	.50	2100	2100	1900	1700	1400	1300	1200	1100	800	600	400	300
	.10	1300	1300	1200	1100	1000	900	900	800	500	100	0	0
2700	.90	1600	1600	1500	1400	1200	1200	1100	1000	800	400	200	0
	.50	1500	1500	1400	1300	1100	1100	1000	900	600	200	0	0
	.10	1200	1200	1100	1000	900	800	700	700	200	0	0	0
	.90	1700	1600	1500	1400	1300	1200	1200	1100	900	600	400	200
	.50	1600	1500	1400	1300	1200	1100	1000	900	600	300	100	0
	.10	1300	1200	1100	1000	900	900	800	700	400	0	0	0
	.90	2700	2700	2700	2500	1900	1800	1700	1500	1300	1000	900	800
	.50	2100	2100	2100	1900	1500	1400	1300	1200	900	700	500	300
	.10	1400	1300	1200	1200	1100	900	900	900	600	100	0	0
2800	.90	1700	1600	1500	1400	1300	1200	1200	1000	800	400	200	100
	.50	1600	1500	1400	1300	1200	1100	1100	900	600	200	0	0
	.10	1300	1200	1200	1100	900	900	800	700	400	0	0	0
	.90	1700	1700	1500	1500	1300	1200	1200	1200	900	700	500	300
	.50	1600	1600	1400	1400	1200	1100	1100	1000	700	300	200	0
	.10	1300	1300	1200	1100	900	900	800	700	400	0	0	0
	.90	2900	2900	2700	2700	2100	1900	1700	1700	1300	1100	900	800
	.50	2300	2300	2100	2100	1600	1400	1300	1300	1100	700	600	400
	.10	1400	1300	1300	1200	1100	1000	900	900	600	200	0	0
2900	.90	1700	1700	1500	1500	1400	1200	1200	1100	900	500	300	100
	.50	1600	1600	1400	1400	1300	1100	1100	1000	700	300	100	0
	.10	1400	1300	1200	1100	1000	900	900	800	500	0	0	0
	.90	1700	1700	1500	1400	1300	1100	1100	1000	700	300	100	0
	.50	1600	1600	1400	1400	1000	900	900	800	500	0	0	0
	.10	1400	1300	1200	1100	1000	900	900	800	500	0	0	0
	.90	1700	1700	1600	1500	1400	1300	1200	1200	900	800	500	400
	.50	1600	1600	1500	1400	1300	1200	1100	1100	800	400	200	100
	.10	1400	1300	1200	1200	1000	900	900	800	500	0	0	0
	.90	2900	2900	2800	2700	2200	1900	1800	1700	1300	1200	1000	900
	.50	2500	2400	2300	2100	1800	1500	1400	1300	1100	800	600	500
	.10	1800	1800	1300	1300	1200	1000	1000	900	700	300	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1700	1600	1500	1400	1300	1200	1200	900	600	400	200
	.50	1600	1600	1500	1400	1300	1200	1100	1100	800	300	100	0
	.10	1400	1300	1200	1200	1000	900	900	800	500	0	0	0
	.90	1700	1700	1600	1500	1500	1300	1200	1200	1000	900	700	500
	.50	1600	1600	1500	1400	1400	1200	1100	1100	800	500	300	100
	.10	1400	1300	1200	1200	1100	900	900	900	600	0	0	0
	.90	2900	2900	2800	2700	2300	1900	1900	1800	1400	1200	1000	900
	.50	2700	2600	2500	2300	2100	1600	1400	1400	1100	800	700	500
	.10	1800	1800	1800	1500	1300	1100	1000	1000	700	400	100	0
3100	.90	1800	1700	1700	1500	1500	1300	1200	1200	900	700	500	300
	.50	1700	1600	1600	1400	1400	1200	1100	1100	800	400	200	0
	.10	1500	1300	1300	1200	1100	900	900	900	600	0	0	0
	.90	1800	1700	1700	1600	1500	1400	1300	1300	1100	900	700	500
	.50	1700	1600	1600	1500	1400	1300	1200	1100	800	600	300	200
	.10	1500	1300	1300	1200	1100	1000	900	900	600	100	0	0
	.90	2900	2900	2800	2700	2300	2100	1900	1900	1400	1200	1100	900
	.50	2800	2800	2600	2400	2100	1800	1500	1400	1200	900	700	600
	.10	1900	1800	1800	1800	1300	1200	1100	1000	800	500	100	0
3200	.90	2200	2200	1700	1700	1500	1400	1300	1200	1000	800	500	400
	.50	2100	2100	1600	1600	1400	1300	1200	1100	800	500	200	100
	.10	1800	1800	1300	1300	1200	1000	900	900	600	100	0	0
	.90	2200	2200	1700	1700	1500	1400	1400	1300	1200	900	800	600
	.50	2100	2100	1600	1600	1400	1300	1200	1100	900	600	400	200
	.10	1800	1800	1300	1300	1200	1000	900	900	600	100	0	0
	.90	2900	2900	2800	2700	2400	2100	1900	1900	1500	1300	1100	1000
	.50	2900	2900	2800	2600	2100	2000	1600	1500	1200	900	700	600
	.10	1900	1900	1800	1800	1500	1300	1100	1100	800	500	200	0
3300	.90	2200	2200	2200	1700	1500	1500	1400	1300	1100	900	600	400
	.50	2100	2100	2100	1600	1400	1400	1300	1200	900	600	300	100
	.10	1800	1800	1800	1400	1200	1100	1000	900	700	100	0	0
	.90	2200	2200	2200	1800	1700	1500	1500	1400	1200	1000	900	700
	.50	2100	2100	2100	1600	1500	1400	1300	1200	1000	700	500	300
	.10	1800	1800	1800	1400	1200	1100	1000	900	700	200	0	0
	.90	2200	2200	2200	1800	1700	1500	1500	1400	1200	1000	900	700
	.50	2100	2100	2100	1600	1500	1400	1300	1200	1000	700	500	300
	.10	1800	1800	1800	1400	1200	1100	1000	900	700	200	0	0
	.90	2900	2900	2800	2700	2400	2200	2000	1900	1600	1300	1200	1000
	.50	2900	2900	2800	2600	2100	2100	1600	1500	1300	1100	800	700
	.10	1900	1900	1900	1400	1200	1100	1000	900	700	200	0	0
	.90	2900	2900	2800	2700	2400	2200	2000	1900	1600	1300	1200	1000
	.50	2900	2900	2800	2600	2100	2100	1600	1500	1300	1100	800	700
	.10	1900	1900	1900	1400	1200	1100	1000	900	700	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
3400	.90	2300	2200	2200	2200	1700	1500	1400	1300	1100	900	700	500
	.50	2200	2100	2100	2100	1500	1400	1300	1200	900	600	300	200
	.10	1900	1800	1800	1800	1300	1100	1000	900	700	200	0	0
	.90	2300	2200	2200	2200	1800	1700	1500	1500	1200	1000	900	800
	.50	2200	2100	2100	2100	1600	1400	1300	1300	1000	700	600	300
	.10	1900	1800	1800	1800	1300	1100	1000	900	700	400	0	0
	.90	2900	2900	2800	2700	2600	2200	2100	2000	1700	1300	1200	1100
	.50	2900	2900	2800	2600	2200	2100	1800	1600	1300	1100	800	700
	.10	2300	2000	1900	1900	1400	1500	1300	1200	900	600	400	100
3500	.90	2300	2300	2200	2200	1700	1500	1400	1400	1200	900	800	600
	.50	2200	2200	2100	2100	1600	1400	1400	1300	1000	700	400	200
	.10	1900	1900	1800	1800	1300	1200	1100	1000	700	400	0	0
	.90	2700	2300	2200	2200	1900	1700	1700	1500	1300	1100	900	800
	.50	2200	2200	2100	2100	1500	1500	1400	1300	1100	800	600	400
	.10	1900	1900	1800	1800	1300	1200	1100	1000	700	400	100	0
	.90	2900	2900	2800	2800	2700	2300	2200	2000	1700	1400	1200	1100
	.50	2900	2900	2800	2600	2200	2100	2100	1800	1400	1100	900	700
	.10	2400	2300	2000	1900	1900	1600	1300	1300	900	700	400	200
3500	.90	2300	2300	2200	2200	1900	1600	1500	1400	1200	900	900	700
	.50	2200	2200	2100	2100	1500	1500	1400	1300	1100	700	500	300
	.10	1900	1900	1800	1800	1300	1200	1100	1000	800	400	0	0
	.90	2700	2300	2300	2200	2100	1800	1700	1700	1300	1100	1000	900
	.50	2200	2200	2100	2100	1900	1600	1400	1400	1100	800	700	500
	.10	1900	1900	1800	1800	1500	1300	1100	1000	800	500	100	0
	.90	2900	2900	2800	2800	2700	2400	2300	2100	1800	1500	1300	1200
	.50	2900	2900	2800	2800	2700	2400	2300	2000	1400	1200	1000	800
	.10	2400	2400	2300	2000	1900	1800	1600	1300	1000	700	500	300
3700	.90	2700	2300	2300	2300	2200	1700	1600	1500	1200	1000	900	800
	.50	2600	2200	2200	2200	2100	1600	1400	1400	1100	800	600	300
	.10	2300	1900	1900	1900	1800	1600	1400	1400	800	500	0	0
	.90	2700	2700	2300	2300	2200	1900	1800	1700	1400	1200	1000	900
	.50	2600	2200	2200	2200	2100	1600	1400	1400	1100	800	600	300
	.10	2300	1900	1900	1900	1800	1600	1400	1400	800	500	0	0
	.90	2700	2700	2300	2300	2200	1900	1800	1700	1400	1200	1000	900
	.50	2600	2200	2200	2200	2100	1600	1500	1400	1200	900	700	600
	.10	2300	1900	1900	1900	1800	1600	1400	1100	800	500	200	0
	.90	2900	2900	2800	2800	2800	2700	2300	2200	1900	1600	1300	1200
	.50	2900	2900	2800	2700	2400	2200	2200	2100	1500	1300	1100	800
	.10	2400	2400	2400	2200	1900	1800	1600	1500	1000	800	500	300



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MARCH INCUBATION MONTH - APRIL

SPawning 0	EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4200	.90	.90	2800	2800	2800	2800	2300	2300	2000	1900	1600	1300	1100	1000
	.50	.50	2700	2700	2700	2200	2200	2200	1900	1800	1300	1100	800	700
	.10	.10	2400	2400	2400	1900	1900	1900	1700	1600	1000	700	400	100
	.90	.90	3300	3200	3100	2900	2700	2300	2300	2200	1800	1500	1300	1200
	.50	.50	2700	2700	2700	2300	2300	2200	2100	1900	1500	1200	1000	800
	.10	.10	2400	2400	2400	1900	1900	1900	1700	1600	1100	800	500	300
	.90	.90	4200	4200	4000	3900	3300	3000	2900	2800	2200	1900	1700	1600
	.50	.50	3600	3600	3400	3300	2800	2600	2400	2300	2000	1500	1400	1200
	.10	.10	2700	2500	2500	2400	2400	1900	1900	1800	1300	1000	800	700
4300	.90	.90	3100	2800	2800	2800	2300	2300	2200	2000	1700	1400	1200	1000
	.50	.50	3000	2700	2700	2700	2200	2200	2000	1900	1400	1100	800	700
	.10	.10	2700	2400	2400	2400	1900	1900	1700	1600	1100	700	500	200
	.90	.90	3400	3400	3200	3000	2800	2500	2300	2200	1900	1500	1300	1200
	.50	.50	3000	2800	2700	2700	2500	2200	2200	2100	1500	1300	1100	800
	.10	.10	2700	2400	2400	2400	1900	1900	1700	1600	1100	800	600	300
	.90	.90	4200	4200	4000	3800	3300	3000	2900	2800	2300	2000	1800	1600
	.50	.50	3600	3600	3400	3200	2900	2700	2400	2300	2100	1600	1400	1300
	.10	.10	2700	2500	2500	2400	2400	2000	1900	1800	1400	1100	900	700
4400	.90	.90	3100	2800	2800	2800	2500	2300	2300	2100	1800	1400	1200	1100
	.50	.50	3000	2700	2700	2700	2400	2200	2100	1900	1500	1200	900	700
	.10	.10	2700	2400	2400	2400	2200	1900	1800	1700	1100	800	500	200
	.90	.90	3600	3500	3400	3200	2800	2700	2300	2300	1900	1600	1400	1200
	.50	.50	3000	2900	2800	2700	2600	2200	2200	2100	1600	1300	1100	900
	.10	.10	2700	2400	2400	2400	2200	1900	1800	1700	1200	900	600	400
	.90	.90	4200	4200	4000	3900	3300	3100	2900	2900	2500	2000	1900	1700
	.50	.50	3600	3600	3400	3300	2900	2700	2500	2400	2200	1600	1400	1300
	.10	.10	2700	2700	2500	2400	2400	2200	1900	1900	1500	1200	900	700
4500	.90	.90	3100	2900	2800	2800	2700	2300	2300	2200	1800	1500	1300	1200
	.50	.50	3000	2600	2700	2700	2400	2200	2100	2000	1500	1300	1000	800
	.10	.10	2700	2500	2400	2400	2200	1900	1800	1700	1200	800	600	300
	.90	.90	3600	3600	3400	3300	2800	2700	2500	2300	2000	1700	1500	1300
	.50	.50	3000	3000	2900	2800	2700	2300	2200	2200	1700	1300	1200	1000
	.10	.10	2700	2500	2400	2400	2200	1900	1800	1700	1300	900	700	500
	.90	.90	4200	4200	4000	4000	3500	3100	3000	2900	2700	2000	1900	1700
	.50	.50	3600	3600	3400	3400	3000	2700	2500	2500	2200	1800	1500	1400
	.10	.10	2700	2700	2500	2400	2400	2200	2000	2000	1600	1200	1000	800

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- APRIL

Q	SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
	EXC.	EXC.	Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
4600	.90	.90	3100	2900	2900	2800	2800	2500	2300	2300	1900	1600	1300	1200
	.50	.50	3000	2800	2800	2700	2600	2200	2200	2100	1600	1300	1100	800
	.10	.10	2700	2500	2500	2400	2300	1900	1900	1700	1200	900	600	400
	.90	.90	3700	3700	3500	3300	2900	2800	2700	2500	2000	1800	1500	1300
	.50	.50	3100	3100	3000	2800	2700	2400	2200	2200	1800	1400	1300	1100
	.10	.10	2700	2500	2500	2400	2300	1900	1900	1800	1300	1000	700	500
4700	.90	.90	4200	4200	4000	4000	3900	3100	3100	2900	2800	2100	1900	1800
	.50	.50	3600	3400	3400	3400	3300	2800	2600	2500	2200	1900	1500	1400
	.10	.10	2700	2500	2500	2400	2400	2300	2200	1900	1600	1300	1000	900
	.90	.90	3100	2700	2900	2900	2800	2600	2400	2300	1900	1600	1400	1200
	.50	.50	3000	3000	2800	2800	2700	2300	2200	2100	1700	1300	1100	900
	.10	.10	2700	2700	2500	2500	2400	2000	1900	1800	1300	900	700	400
4800	.90	.90	3800	3800	3600	3400	2900	2800	2700	2600	2100	1800	1600	1400
	.50	.50	3200	3200	3000	2800	2700	2500	2300	2200	1900	1500	1300	1100
	.10	.10	2700	2700	2500	2500	2400	2000	1900	1800	1500	1000	800	600
	.90	.90	4200	4100	4000	4000	4000	3700	3100	3000	2800	2200	2000	1900
	.50	.50	3600	3500	3400	3400	3400	2800	2700	2500	2300	2000	1600	1400
	.10	.10	2800	2700	2500	2500	2400	2300	2200	2000	1700	1300	1100	900
4900	.90	.90	3300	3200	3100	2900	2800	2700	2500	2300	2000	1700	1500	1300
	.50	.50	3000	3000	2800	2800	2700	2400	2200	2200	1800	1400	1200	1000
	.10	.10	2700	2700	2500	2500	2400	2000	1900	1800	1400	1000	700	500
	.90	.90	3900	3800	3700	3500	3000	2800	2800	2700	2100	1900	1700	1500
	.50	.50	3300	3200	3100	2900	2900	2600	2400	2200	1900	1500	1300	1200
	.10	.10	2700	2700	2500	2500	2400	2100	1900	1900	1600	1000	800	700
4900	.90	.90	4100	4100	4100	4000	4000	3200	3100	3000	2800	2300	2000	1900
	.50	.50	3500	3500	3500	3400	3400	2800	2700	2600	2300	2000	1700	1500
	.10	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000
	.90	.90	3400	3400	3200	3100	2900	2800	2500	2400	2000	1800	1500	1300
	.50	.50	3000	3000	2800	2800	2700	2500	2300	2200	1900	1400	1300	1100
	.10	.10	2700	2700	2500	2500	2400	2200	1900	1800	1500	1000	700	500
4900	.90	.90	4000	3900	3800	3600	3100	2900	2800	2800	2100	1900	1700	1600
	.50	.50	3400	3300	3200	3000	2800	2600	2400	2300	2000	1600	1400	1300
	.10	.10	2700	2700	2500	2500	2400	2200	1900	1900	1600	1100	900	700
	.90	.90	4100	4100	4100	4100	4000	3200	3100	3100	2900	2300	2000	1900
	.50	.50	3500	3500	3500	3400	3400	2800	2700	2600	2300	2000	1700	1500
	.10	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000
4900	.90	.90	3400	3400	3200	3100	2900	2800	2500	2400	2000	1800	1500	1300
	.50	.50	3000	3000	2800	2800	2700	2500	2300	2200	1900	1400	1300	1100
	.10	.10	2700	2700	2500	2500	2400	2200	1900	1800	1500	1000	700	500
	.90	.90	4000	3900	3800	3600	3100	2900	2800	2800	2100	1900	1700	1600
	.50	.50	3400	3300	3200	3000	2800	2600	2400	2300	2000	1600	1400	1300
	.10	.10	2700	2700	2500	2500	2400	2200	1900	1900	1600	1100	900	700
4900	.90	.90	4100	4100	4100	4100	4000	3200	3100	3100	2900	2300	2000	1900
	.50	.50	3500	3500	3500	3500	3500	2800	2700	2600	2300	2000	1700	1500
	.10	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000
	.90	.90	4100	4100	4100	4100	4000	3200	3100	3100	2900	2300	2000	1900
	.50	.50	3500	3500	3500	3500	3500	2800	2700	2600	2300	2000	1700	1500
	.10	.10	2800	2800	2500	2500	2400	2200	1900	1800	1500	1000	700	500

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
5000	.90	3600	3500	3400	3200	2900	2800	2700	2500	2100	1800	1600	1400
	.50	3100	3000	2900	2900	2700	2500	2400	2200	1900	1500	1300	1100
	.10	2800	2700	2500	2500	2400	2200	1900	1900	1600	1000	800	600
	.90	4000	4000	3800	3600	3100	2900	2800	2800	2200	2000	1800	1600
	.50	3400	3400	3200	3100	2800	2700	2500	2300	2000	1600	1400	1300
	.10	2800	2700	2500	2500	2400	2200	2000	1900	1600	1200	900	700
	.90	4100	4100	4100	4100	4100	3900	3200	3100	2900	2600	2100	2000
	.50	3500	3500	3500	3500	3500	3300	2700	2600	2400	2200	1800	1600
	.10	3100	3100	2700	2500	2400	2400	2300	2300	1700	1400	1200	1100
5100	.90	3600	3600	3400	3300	2900	2800	2700	2600	2100	1900	1700	1500
	.50	3300	3100	3000	2800	2800	2600	2400	2300	1900	1500	1300	1200
	.10	3100	2800	2500	2500	2400	2300	1900	1900	1600	1100	800	700
	.90	4100	4100	4100	4100	4100	4000	3300	2700	2900	2700	2200	2000
	.50	3500	3500	3500	3500	3500	3400	2800	2700	2500	2200	1900	1600
	.10	3100	3100	2700	2500	2400	2400	2100	1900	1500	1200	1000	800
5200	.90	3700	3700	3500	3400	3000	2800	2800	2700	2100	1900	1700	1500
	.50	3300	3100	3000	2900	2300	2700	2500	2300	2000	1600	1400	1300
	.10	3100	2800	2600	2500	2400	2300	2000	1900	1500	1100	900	700
	.90	4200	4100	4000	3800	3300	3000	2900	2800	2400	2000	1900	1700
	.50	3600	3500	3400	3200	2800	2700	2500	2400	2200	1700	1500	1400
	.10	3100	2800	2600	2500	2400	2300	2000	1900	1600	1200	1000	800
	.90	4500	4500	4200	4100	4100	4000	3400	3300	3000	2800	2300	2000
	.50	3900	3900	3600	3500	3500	3400	3100	2800	2500	2300	2100	1700
	.10	3100	3100	2800	2700	2500	2500	2400	2400	1900	1500	1300	1200
5300	.90	3800	3800	3600	3400	3100	2900	2800	2700	2200	1900	1800	1600
	.50	3300	3300	3100	3000	2800	2700	2500	2400	2000	1600	1400	1300
	.10	3100	3100	2700	2500	2500	2300	2200	2100	1600	1200	900	700
	.90	4200	4200	4000	3900	3400	3000	2900	2900	2500	2000	1900	1800
	.50	3600	3600	3400	3300	2900	2700	2600	2500	2200	1800	1500	1400
	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900
	.90	4500	4500	4500	4200	4100	4100	4000	3500	3100	2900	2500	2100
	.50	3900	3900	3900	3600	3500	3500	3400	2900	2600	2300	2200	1800
	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900
	.90	4500	4500	4500	4200	4100	4100	4000	3500	3100	2900	2500	2100
	.50	3900	3900	3900	3600	3500	3500	3400	2900	2600	2300	2200	1800
	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900
	.90	4500	4500	4500	4200	4100	4100	4000	3500	3100	2900	2500	2100
	.50	3900	3900	3900	3600	3500	3500	3400	2900	2600	2300	2200	1800
	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900
	.90	4500	4500	4500	4200	4100	4100	4000	3500	3100	2900	2500	2100
	.50	3900	3900	3900	3600	3500	3500	3400	2900	2600	2300	2200	1800
	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3900	3800	3700	3500	3100	2900	2800	2800	2300	2000	1800	1700
	.50	3400	3300	3200	3100	2300	2700	2500	2400	2100	1600	1400	1300
	.10	3100	3100	2800	2500	2300	2300	2200	2000	1600	1200	1000	800
	.90	4200	4200	4000	3900	3400	3000	2900	2900	2600	2000	1900	1800
	.50	3600	3600	3400	3300	3000	2800	2700	2500	2200	1800	1600	1400
	.10	3100	3100	2800	2500	2400	2400	2300	2200	1700	1300	1100	900
	.90	4600	4600	4500	4500	4200	4100	4100	4000	3200	2900	2700	2200
	.50	4000	4000	3900	3900	3500	3500	3500	3400	2800	2400	2200	1900
	.10	3100	3100	3000	2900	2800	2600	2500	2500	2000	1600	1400	1300
5500	.90	4000	3900	3800	3600	3200	2900	2900	2800	2300	2000	1900	1700
	.50	3400	3300	3300	3100	2800	2400	2300	2100	1700	1200	1000	800
	.10	3100	3100	2800	2600	2500	2400	2300	2100	1700	1200	1000	1800
	.90	4200	4200	4000	3800	3400	3100	2900	2900	2700	2100	2000	1500
	.50	3600	3600	3400	3300	3000	2800	2700	2500	2300	1900	1600	1500
	.10	3100	3100	2800	2700	2500	2400	2300	2200	1700	1300	1100	1000
	.90	4600	4600	4600	4600	4200	4200	4100	4100	3300	3000	2800	2400
	.50	4000	4000	4000	4000	3600	3600	3500	3500	2900	2500	2300	2100
	.10	3100	3100	3100	2900	2800	2700	2500	2500	2300	1700	1500	1300
5600	.90	4000	4000	3800	3600	3300	3000	2900	2900	2500	2000	1900	1700
	.50	3400	3400	3300	3200	2900	2800	2700	2500	2200	1800	1500	1400
	.10	3100	3100	3000	2700	2500	2400	2300	2200	1700	1300	1000	900
	.90	4200	4200	4000	3900	3400	3100	3000	2900	2800	2200	2000	1900
	.50	3600	3600	3400	3300	3100	2800	2800	2700	2300	1900	1700	1500
	.10	3100	3100	3000	2700	2600	2500	2400	2300	1700	1400	1200	1000
	.90	4600	4600	4600	4600	4500	4200	4200	4100	3400	3000	2800	2600
	.50	4000	4000	4000	4000	3900	3600	3600	3500	2900	2600	2400	2200
	.10	3100	3100	3100	2900	2900	2700	2600	2600	2400	1800	1600	1400
5700	.90	4100	4100	3900	3700	3400	3000	2900	2900	2600	2000	1900	1800
	.50	3500	3500	3300	3300	3000	2800	2800	2700	2200	1800	1600	1400
	.10	3100	3100	3100	2800	2600	2500	2400	2300	1700	1400	1200	1000
	.90	4100	4100	4000	4000	3900	3600	3600	3500	2900	2600	2400	2200
	.50	3500	3500	3300	3300	3000	2800	2800	2700	2200	1800	1600	1400
	.10	3100	3100	3100	2800	2600	2500	2400	2300	1700	1300	1100	900
	.90	4200	4200	4000	4000	3600	3100	3000	3000	2800	2300	2000	1900
	.50	3600	3600	3400	3400	3300	2900	2800	2800	2300	2100	1700	1600
	.10	3100	3100	3100	2800	2600	2500	2400	2300	1800	1400	1200	1000
	.90	4700	4700	4700	4600	4500	4300	4200	4200	3500	3000	2900	2700
	.50	4100	4100	4100	4000	4000	3700	3600	3600	3000	2600	2400	2200
	.10	3300	3100	3100	3000	2900	2800	2700	2600	2400	1900	1600	1400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning MUA -- STEELHEAD: SPawning MONTH -- MARCH INCUBATION MONTH -- APRIL

SPawning INCUBATION Q EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5800 .90	4200	4100	4000	3800	3400	3100	3000	2900	2700	2100	2000	1800
.50	3600	3500	3400	3300	3100	2900	2800	2700	2300	1900	1600	1400
.10	3100	3100	3100	2800	2600	2500	2400	2300	1800	1400	1100	1000
.90	4200	4200	4200	4000	3900	3300	3100	3100	2900	2500	2100	2000
.50	3600	3600	3400	3400	3300	3000	2900	2800	2400	2200	1800	1600
.10	3100	3100	3100	2800	2700	2600	2500	2400	1900	1500	1300	1100
.90	4700	4700	4700	4700	4600	4300	4200	4200	3500	3100	2900	2700
.50	4100	4100	4100	4100	4000	3700	3600	3600	3100	2600	2400	2300
.10	3400	3100	3100	3000	3000	2900	2800	2700	2500	1900	1600	1400
.90	4200	4200	4000	3900	3400	3100	3000	3000	2800	2200	2000	1900
.50	3600	3600	3400	3300	3100	3000	2900	2800	2300	1900	1700	1500
.10	3100	3100	3100	2900	2700	2600	2500	2400	1900	1400	1200	1000
.90	4200	4100	4000	4000	4000	3400	3200	3100	2900	2600	2200	2000
.50	3600	3500	3400	3400	3400	3100	3000	2900	2500	2200	1900	1700
.10	3100	3100	3100	3000	2700	2600	2500	2500	1900	1500	1300	1100
.90	4700	4700	4700	4700	4500	4500	4300	4200	3600	3100	2900	2800
.50	4100	4100	4100	4100	4000	3900	3700	3600	3300	2600	2400	2300
.10	3400	3100	3100	3100	3000	2900	2800	2800	2500	2000	1600	1400
.90	4200	4200	4000	3900	3400	3100	3100	3000	2800	2300	2000	1900
.50	3600	3600	3400	3300	3100	3000	2900	2800	2400	2100	1700	1500
.10	3300	3100	3100	3000	2700	2600	2500	2500	1900	1500	1200	1000
.90	4100	4100	4100	4000	4000	3400	3200	3100	2900	2700	2300	2000
.50	3600	3500	3500	3400	3400	3100	3000	3000	2500	2300	2000	1700
.10	3300	3100	3100	3000	2800	2700	2600	2500	2000	1500	1300	1200
.90	4800	4800	4700	4700	4700	4600	4300	4200	3700	3100	2900	2800
.50	4200	4200	4100	4100	4100	4000	3700	3600	3300	2700	2400	2300
.10	3400	3100	3100	3100	3000	3000	2900	2800	2500	2200	1700	1500
.90	4200	4200	4000	3800	3400	3200	3100	3100	2800	2400	2000	1900
.50	3700	3600	3400	3300	3200	3000	3000	2900	2400	2100	1800	1600
.10	3400	3100	3100	3100	2900	2700	2600	2500	1900	1500	1300	1100
.90	4100	4100	4100	4100	4000	3400	3200	3200	3000	2800	2400	2100
.50	3700	3500	3500	3500	3400	3300	3100	3000	2600	2300	2100	1800
.10	3400	3100	3100	3100	2900	2700	2700	2600	2200	1600	1400	1200
.90	4800	4800	4800	4800	4700	4600	4500	4300	4000	3200	3000	2800
.50	4200	4200	4200	4200	4100	4000	3900	3700	3400	2800	2500	2300
.10	3900	3100	3100	3100	3100	3000	2900	2900	2600	2300	1800	1500

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPANING MONTH - MARCH INCURATION MONTH - APRIL

SPANING MONTH - MARCH	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200 .90	4200	4200	4000	3900	3400	3200	3200	3100	2900	2600	2100	2000
.50	3700	3600	3500	3300	3300	3100	3000	2900	2500	2200	1800	1600
.10	3400	3100	3100	3100	2800	2700	2700	2600	2000	1500	1300	1100
.90	4100	4100	4100	4100	4100	3900	3200	3200	3000	2800	2600	2200
.50	3700	3500	3500	3500	3500	3300	3100	3100	2600	2400	2200	1800
.10	3400	3100	3100	3100	2800	2800	2700	2600	2300	1600	1400	1300
.90	4800	4800	4800	4800	4700	4700	4500	4300	4000	3200	3000	2900
.50	4200	4200	4200	4200	4100	4100	4000	3700	3400	2900	2600	2400
.10	3900	3400	3100	3100	3100	3000	3000	2900	2600	2300	1900	1600
.90	4200	4200	4000	4000	3500	3400	3200	3100	2900	2700	2200	2000
.50	3700	3600	3500	3400	3300	3100	3100	3000	2500	2200	1900	1700
.10	3400	3100	3100	3100	2900	2800	2700	2600	2200	1600	1300	1100
.90	4800	4800	4800	4800	4800	4700	4600	4500	4100	3300	3000	2900
.50	4200	4200	4200	4200	4200	4100	4000	3900	3500	3000	2600	2400
.10	3900	3400	3100	3100	3100	3100	3000	3000	2700	2400	2000	1700
.90	4300	4200	4000	4000	3900	3400	3200	3200	2900	2700	2300	2000
.50	4200	3600	3500	3400	3300	3200	3100	3100	2600	2300	2100	1700
.10	3900	3100	3100	3100	2900	2800	2800	2700	2300	1600	1300	1200
.90	4500	4500	4200	4100	4100	4000	3400	3400	3200	2900	2800	2400
.50	4200	3900	3600	3500	3500	3400	3300	3200	2800	2500	2300	2100
.10	3900	3100	3100	3100	2900	2800	2800	2700	2400	1800	1500	1300
.90	5300	5300	5300	5300	4900	4800	4700	4600	4200	3400	3100	2900
.50	4700	4700	4700	4700	4200	4200	4100	4000	3600	3100	2700	2500
.10	3900	3600	3600	3600	3200	3100	3100	3000	2800	2500	2100	1800
.90	4300	4200	4000	4000	4000	3400	3300	3200	3000	2800	2500	2100
.50	4200	3700	3400	3400	3400	3300	3100	3100	2700	2300	2100	1800
.10	3900	3400	3100	3100	2900	2800	2800	2700	2300	1700	1400	1200
.90	4500	4500	4500	4200	4100	4100	4000	3500	3200	3000	2800	2600
.50	4200	3900	3900	3700	3500	3500	3400	3300	2900	2500	2400	2200
.10	3900	3400	3100	3100	3000	2900	2800	2800	2400	1900	1600	1400
.90	5400	5400	5400	5400	5400	5300	4800	4800	4300	3600	3200	3000
.50	4800	4800	4800	4800	4800	4700	4200	4200	3700	3200	2900	2600
.10	3900	3800	3700	3700	3700	3600	3100	3100	2900	2500	2200	1900

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4300	4100	4100	4000	4000	3500	3300	3300	3000	2800	2600	2200
	.50	4200	3700	3500	3400	3400	3300	3200	3100	2800	2400	2200	1900
	.10	3900	3400	3100	3100	3000	2900	2900	2800	2400	1800	1400	1300
	.90	4600	4600	4500	4500	4200	4100	4100	4000	3300	3000	2900	2700
	.50	4200	4000	3900	3900	3600	3500	3500	3400	3000	2600	2400	2300
	.10	3900	3400	3100	3100	3100	2900	2900	2800	2500	1900	1700	1400
	.90	5400	5400	5400	5400	5400	5400	5300	5300	4300	3800	3300	3000
	.50	4800	4800	4800	4800	4800	4800	4700	4700	3700	3300	3100	2700
	.10	3900	3800	3700	3700	3700	3700	3700	3600	3000	2600	2400	2100
6700	.90	4300	4100	4100	4100	4000	3500	3400	3300	3100	2900	2700	2300
	.50	4200	3800	3500	3500	3400	3300	3300	3200	2800	2400	2300	2100
	.10	3900	3500	3200	3100	3100	2900	2900	2800	2400	1800	1400	1300
	.90	4600	4600	4600	4600	4200	4200	4100	4100	3400	3100	2900	2800
	.50	4200	4000	4000	4000	3700	3600	3500	3500	3100	2700	2500	2300
	.10	3900	3500	3200	3100	3100	3000	2900	2900	2500	2100	1800	1500
	.90	5500	5500	5500	5500	5500	5400	5400	5400	4700	4000	3500	3200
	.50	4900	4900	4900	4900	4900	4800	4800	4800	4100	3500	3200	2800
	.10	3900	3900	3800	3800	3800	3700	3700	3700	3100	2700	2400	2200
6800	.90	4300	4200	4100	4100	4100	3900	3400	3400	3100	2900	2800	2400
	.50	4200	4100	3700	3500	3500	3400	3300	3300	2900	2500	2300	2100
	.10	3900	3800	3700	3500	3500	3400	3300	3300	2900	2500	2300	2100
	.90	3900	3800	3400	3100	3100	3000	2900	2800	2400	1900	1500	1300
	.50	4600	4600	4600	4600	4500	4200	4200	4100	3500	3200	3000	2800
	.10	4200	4100	4000	4000	3900	3600	3600	3500	3200	2800	2500	2400
	.90	5500	5500	5500	5500	5500	5500	5500	5400	4800	4200	3700	3300
	.50	4900	4900	4900	4900	4900	4900	4900	4800	4200	3600	3300	3000
	.10	3900	3900	3800	3800	3800	3800	3800	3700	3200	2800	2500	2300
6900	.90	4300	4200	4100	4100	4100	4000	3500	3400	3200	3000	2800	2600
	.50	4200	4100	3800	3500	3500	3400	3400	3300	3000	2500	2400	2200
	.10	3900	3800	3500	3200	3100	3000	2900	2900	2500	2000	1800	1600
	.90	4700	4700	4700	4600	4500	4300	4200	4200	3500	3200	3000	2900
	.50	4200	4100	4100	4000	4000	3700	3600	3600	3300	2900	2600	2400
	.10	3900	3800	3500	3200	3100	3100	3000	2900	2700	2300	1900	1600
	.90	5600	5600	5600	5600	5500	5500	5500	5500	4900	4200	3800	3500
	.50	5600	5600	5600	5600	5600	5600	5600	5500	4900	4200	3700	3100
	.10	4800	4500	4500	3900	3800	3800	3800	3800	3500	2900	2600	2400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

Q	EXC.	INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000	.90	EXC.	4500	4500	4200	4200	4100	4000	3900	3500	3200	3000	2900	2700
	.50		4200	4200	3800	3500	3500	3500	3400	3400	3100	2600	2400	2200
	.10		3900	3900	3500	3400	3100	3100	3000	2900	2600	2000	1700	1400
	.90		4700	4700	4700	4500	4300	4300	4200	4200	3600	3200	3000	2900
	.50		4200	4200	4100	4000	4000	3800	3700	3600	3400	2900	2600	2400
	.10		3900	3900	3500	3400	3200	3100	3100	3000	2700	2400	2000	1700
	.90		5600	5600	5600	5600	5600	5600	5500	5500	5300	4300	4000	3600
	.50		5600	5600	5600	5600	5600	5000	5000	4900	4800	3800	3500	3300
	.10		4800	4500	4500	4500	4500	3900	3900	3800	3700	3100	2700	2500



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING #UA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - MAY

SPANNING INCUBATION		INCUBATION MONTH - MAY											
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
1800	.90	800	700	700	600	500	300	200	100	0	0	0	0
	.50	400	400	400	300	200	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	800	700	700	600	500	300	200	200	0	0	0	0
	.50	400	400	400	300	200	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	900	900	900	900	700	600	500	300	0	0	0	0
	.50	600	600	500	500	400	200	100	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
1900	.90	800	800	700	700	500	400	200	200	0	0	0	0
	.50	500	500	400	400	300	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	900	800	700	700	600	500	300	200	0	0	0	0
	.50	500	500	400	400	300	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1100	1000	900	900	800	700	500	400	100	0	0	0
	.50	700	600	600	500	400	300	200	100	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
2000	.90	900	900	800	700	700	500	300	200	0	0	0	0
	.50	600	600	500	400	400	200	0	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
	.90	900	900	800	800	700	500	400	200	0	0	0	0
	.50	600	600	500	400	400	200	0	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
	.90	1300	1100	1000	900	900	700	600	500	100	0	0	0
	.50	900	700	700	600	500	400	300	200	0	0	0	0
	.10	400	400	300	300	100	100	0	0	0	0	0	0
2100	.90	1000	900	900	800	700	600	500	300	0	0	0	0
	.50	700	600	600	500	400	300	200	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1000	900	900	900	700	600	500	300	0	0	0	0
	.50	700	600	600	500	400	300	200	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1000	900	900	900	700	600	500	300	0	0	0	0
	.50	700	600	600	500	400	300	200	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1300	1100	1000	1000	900	800	700	600	200	0	0	0
	.50	900	700	700	700	500	400	400	300	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD:  
 SPawning MONTH -- MARCH INCUBATION MONTH -- MAY

SPawning Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2200	.90	1000	1000	900	900	800	700	500	500	0	0	0	0
	.50	700	700	600	500	400	400	200	200	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	1100	1000	1000	900	800	700	500	500	100	0	0	0
	.50	700	700	600	600	500	400	200	200	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	1300	1100	1000	1000	900	800	700	700	300	0	0	0
	.50	900	700	700	700	500	500	400	400	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
2300	.90	1100	1000	1000	900	800	700	600	500	100	0	0	0
	.50	700	700	700	600	500	400	300	200	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	1300	1100	1000	1000	900	700	700	600	100	0	0	0
	.50	900	700	700	700	500	400	400	200	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	1400	1300	1100	1000	1000	900	300	700	400	0	0	0
	.50	1000	900	700	700	700	500	500	400	0	0	0	0
	.10	700	400	400	400	300	200	100	100	0	0	0	0
2400	.90	1300	1100	1000	1000	900	800	700	600	100	0	0	0
	.50	900	700	700	700	500	400	400	300	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	1300	1100	1000	1000	900	800	700	700	200	0	0	0
	.50	900	700	700	700	500	500	400	300	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	1400	1300	1200	1100	1000	1000	900	800	500	100	0	0
	.50	1000	1000	800	700	700	600	500	400	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
2500	.90	1300	1100	1000	1000	900	800	700	700	200	0	0	0
	.50	1000	1000	800	700	600	500	400	400	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	1300	1100	1000	1000	900	800	700	700	200	0	0	0
	.50	1000	700	700	700	600	500	400	400	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1300	1300	1100	1000	1000	800	800	700	200	0	0	0
	.50	1000	900	700	700	500	500	400	400	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1400	1400	1300	1200	1100	1000	900	900	500	200	0	0
	.50	1000	1000	900	800	700	700	500	500	200	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING AUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2600	.90	1300	1300	1100	1000	1000	900	800	700	200	0	0	0
	.50	1000	1000	700	700	700	500	500	400	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	1300	1300	1100	1000	1000	900	800	700	300	0	0	0
	.50	1000	1000	700	700	700	500	500	400	0	0	0	0
2700	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	1400	1400	1300	1300	1200	1000	1000	900	700	300	0	0
	.50	1000	1000	1000	800	700	700	600	500	200	0	0	0
	.10	700	700	400	400	400	200	200	200	0	0	0	0
	.90	1300	1300	1200	1100	1000	900	800	800	400	0	0	0
2800	.50	1000	1000	800	700	700	600	500	400	0	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1500	1400	1400	1300	1200	1100	1000	1000	700	400	100	0
	.50	1200	1000	1000	900	800	700	700	600	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
2900	.90	1400	1300	1300	1200	1000	1000	900	800	500	0	0	0
	.50	1000	1000	900	800	700	700	600	500	200	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
	.90	1600	1600	1400	1400	1300	1200	1100	1000	900	500	100	0
	.50	1200	1000	1000	1000	900	800	700	600	500	200	0	0
3000	.10	900	700	700	400	400	200	200	100	0	0	0	0
	.90	1500	1400	1300	1200	1100	1000	1000	900	600	0	0	0
	.50	1200	1000	1000	800	700	700	600	500	200	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1500	1400	1300	1300	1100	1000	1000	900	600	100	0	0
3100	.50	1200	1000	1000	900	700	700	700	500	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1500	1400	1300	1300	1100	1000	1000	900	600	100	0	0
	.50	1200	1000	1000	900	700	700	700	500	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
3200	.90	1900	1900	1700	1500	1400	1200	1100	1000	800	500	200	100
	.50	1600	1600	1000	1000	900	700	700	700	400	0	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0
	.90	1900	1900	1700	1500	1400	1200	1100	1000	800	500	200	100
	.50	1600	1600	1000	1000	900	700	700	700	400	0	0	0
3300	.10	1100	1100	700	700	400	400	300	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: INCUBATION MONTH - MAY

SPAWNING INCUBATION Q EXC.	INCUBATION MONTH - MAY											
	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3000 .90	1500	1400	1300	1300	1100	1000	1000	900	600	100	0	0
.50	1200	1000	1000	900	800	700	700	600	300	0	0	0
.10	900	700	700	400	400	400	200	200	0	0	0	0
.90	1500	1400	1300	1300	1200	1000	1000	1000	700	200	0	0
.50	1200	1000	1000	1000	800	700	700	600	300	0	0	0
.10	900	700	700	400	400	400	200	200	0	0	0	0
.90	2000	1900	1900	1900	1400	1300	1200	1100	900	600	400	100
.50	1600	1600	1600	1000	1000	800	700	700	400	0	0	0
.10	1200	1100	1100	700	400	400	400	300	100	0	0	0
.90	1600	1400	1400	1300	1200	1000	1000	1000	700	200	0	0
.50	1300	1000	1000	1000	800	700	700	700	400	0	0	0
.10	1000	700	700	400	400	400	300	200	0	0	0	0
.90	1600	1400	1400	1300	1200	1100	1000	1000	700	300	0	0
.50	1300	1000	1000	1000	300	700	700	700	400	0	0	0
.10	1000	700	700	400	400	400	300	200	0	0	0	0
.90	2100	2100	1900	1900	1700	1400	1300	1200	900	700	500	200
.50	1700	1600	1600	1600	1000	800	800	700	500	100	0	0
.10	1200	1100	1100	1100	700	400	400	300	100	0	0	0
.90	1900	1900	1400	1400	1300	1100	1000	1000	700	200	0	0
.50	1500	1600	1000	1000	300	700	700	700	400	0	0	0
.10	1200	1100	700	700	400	400	300	200	0	0	0	0
.90	1900	1900	1400	1400	1300	1100	1000	1000	800	400	100	0
.50	1600	1600	1000	1000	900	800	700	700	400	0	0	0
.10	1200	1100	700	700	400	400	300	200	0	0	0	0
.90	2300	2200	2100	2000	1900	1400	1300	1300	1000	700	500	200
.50	1700	1700	1600	1600	1900	900	800	700	500	200	0	0
.10	1200	1200	1100	1100	700	400	400	400	100	0	0	0
.90	1900	1900	1900	1500	1300	1200	1100	1000	800	400	0	0
.50	1600	1600	1600	1200	1000	800	700	700	400	0	0	0
.10	1200	1100	1100	900	400	400	400	300	100	0	0	0
.90	1900	1900	1900	1500	1300	1200	1100	1000	800	500	100	0
.50	1600	1600	1600	1200	1000	800	700	700	400	0	0	0
.10	1200	1100	1100	900	400	400	400	300	100	0	0	0
.90	1900	1900	1900	1500	1300	1200	1100	1000	800	500	100	0
.50	1600	1600	1600	1200	1000	800	700	700	400	0	0	0
.10	1200	1100	1100	900	400	400	400	300	100	0	0	0
.90	2300	2300	2100	2000	1900	1500	1400	1300	1000	700	500	400
.50	1700	1700	1600	1600	1400	1000	900	800	500	200	0	0
.10	1200	1200	1100	1100	700	400	400	400	100	0	0	0



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2500	2400	2000	2000	1900	1500	1400	1300	1000	600	400	100
	.50	2200	2100	1700	1700	1600	1200	1000	900	600	200	0	0
	.10	1700	1600	1200	1200	1100	900	700	400	200	0	0	0
	.90	2500	2400	2000	2000	1900	1600	1400	1300	1000	700	500	300
	.50	2200	2100	1700	1700	1500	1200	1000	1000	600	300	0	0
	.10	1700	1600	1200	1200	1100	900	700	400	200	0	0	0
	.90	2700	2700	2500	2500	2200	2000	1900	1700	1300	1000	800	700
	.50	2200	2200	2200	2100	1700	1600	1400	1200	700	500	300	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
3900	.90	2500	2500	2400	2000	2000	1700	1400	1300	1000	700	400	100
	.50	2200	2200	2100	1700	1700	1400	1100	1000	700	300	0	0
	.10	1700	1700	1600	1200	1200	1100	700	600	200	0	0	0
	.90	2500	2500	2400	2000	2000	1700	1400	1400	1000	800	500	400
	.50	2200	2200	2100	1700	1700	1400	1100	1000	700	400	0	0
	.10	1700	1700	1600	1200	1200	1100	700	600	200	0	0	0
	.90	2800	2800	2600	2500	2400	2000	1900	1800	1400	1100	900	700
	.50	2200	2200	2200	2200	1700	1600	1400	1300	800	500	300	100
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
4000	.90	2500	2500	2400	2000	2000	1700	1500	1400	1000	700	500	200
	.50	2200	2200	2200	1700	1700	1400	1200	1000	700	400	0	0
	.10	1700	1700	1700	1200	1200	1100	800	700	200	0	0	0
	.90	2500	2500	2500	2000	2000	1900	1700	1400	1100	900	600	500
	.50	2200	2200	2200	1700	1700	1600	1300	1100	700	400	0	0
	.10	1700	1700	1700	1200	1200	1100	800	700	200	0	0	0
	.90	2900	2800	2700	2500	2400	2000	2000	1900	1500	1100	900	800
	.50	2500	2200	2200	2200	1700	1700	1500	1400	900	500	300	200
	.10	2000	1700	1700	1700	1200	1200	1100	900	400	0	0	0
4100	.90	2500	2500	2500	2400	2000	1900	1700	1500	1100	800	500	300
	.50	2200	2200	2200	2100	1700	1600	1400	1200	700	400	0	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
	.90	2500	2500	2500	2400	2000	1900	1700	1600	1200	900	700	500
	.50	2200	2200	2200	2100	1700	1600	1400	1200	700	400	100	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
	.90	2900	2900	2800	2600	2500	2100	1700	1600	1200	900	700	500
	.50	2200	2200	2200	2100	1700	1600	1400	1200	700	400	100	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
	.90	2900	2900	2800	2600	2500	2100	2000	1900	1600	1200	1000	800
	.50	2500	2200	2200	2200	1800	1700	1600	1400	1000	600	400	200
	.10	2000	1700	1700	1700	1300	1200	1100	1100	700	400	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
4200	.90	2500	2500	2500	2500	2000	2000	1800	1700	1100	900	600	400
	.50	2200	2200	2200	2200	1700	1700	1500	1300	700	400	100	0
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	2500	2500	2500	2500	2000	2000	1800	1700	1300	1000	700	500
	.50	2200	2200	2200	2200	1700	1700	1500	1300	700	500	200	0
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	2900	2900	2800	2600	2500	2200	2000	2000	1500	1300	1100	900
	.50	2500	2300	2200	2200	2000	1700	1500	1500	1000	600	400	300
	.10	2000	1800	1700	1700	1700	1200	1200	1100	400	100	0	0
4300	.90	2800	2500	2500	2500	2000	2000	1900	1700	1200	900	600	500
	.50	2500	2200	2200	2200	1700	1700	1500	1400	800	500	200	0
	.10	2000	1700	1700	1700	1200	1200	1100	1100	300	0	0	0
	.90	2800	2500	2500	2500	2000	2000	1900	1800	1300	1000	800	600
	.50	2500	2200	2200	2200	1700	1700	1500	1400	800	500	300	0
	.10	2000	1700	1700	1700	1200	1200	1100	1100	400	0	0	0
	.90	2900	2900	2800	2600	2500	2300	2000	2000	1700	1300	1100	900
	.50	2500	2300	2300	2200	2100	1700	1700	1500	1100	700	400	300
	.10	2000	1800	1800	1700	1700	1200	1200	1100	600	100	0	0
4400	.90	2800	2500	2500	2500	2300	2000	1900	1800	1300	900	700	500
	.50	2500	2200	2200	2200	2000	1700	1500	1400	900	500	200	0
	.10	2000	1700	1700	1700	1500	1200	1200	1100	400	0	0	0
	.90	2800	2500	2500	2500	2300	2000	1900	1800	1400	1100	800	600
	.50	2500	2200	2200	2200	2000	1700	1600	1400	900	500	300	0
	.10	2000	1700	1700	1700	1600	1200	1200	1100	400	0	0	0
	.90	2900	2900	2800	2600	2500	2300	2000	2000	1700	1400	1200	1000
	.50	2500	2300	2300	2300	2100	1700	1700	1500	1100	700	500	400
	.10	2000	1800	1800	1700	1700	1200	1200	1100	600	100	0	0
	.90	2800	2500	2500	2500	2300	2000	1900	1800	1400	1100	800	600
	.50	2500	2200	2200	2200	2000	1700	1600	1400	900	500	300	0
	.10	2000	1700	1700	1700	1600	1200	1200	1100	400	0	0	0
4500	.90	2900	2600	2500	2500	2300	2000	1900	1800	1400	1100	800	600
	.50	2500	2300	2200	2200	2000	1700	1600	1500	1000	500	300	0
	.10	2000	1800	1800	1800	1700	1200	1200	1100	400	0	0	0
	.90	2800	2600	2500	2500	2300	2000	1900	1800	1400	1100	800	600
	.50	2500	2300	2200	2200	2000	1700	1600	1500	1000	500	300	0
	.10	2000	1800	1700	1700	1700	1200	1200	1100	400	100	0	0
	.90	2800	2600	2500	2500	2300	2000	2000	1900	1400	1100	900	700
	.50	2500	2300	2200	2200	2000	1700	1600	1500	1000	600	300	100
	.10	2000	1800	1700	1700	1700	1200	1200	1100	500	100	0	0
	.90	2900	2900	2800	2700	2600	2500	2300	2100	1800	1500	1300	1100
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	700	500	400
	.10	2000	2000	1800	1800	1700	1300	1200	1200	700	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4500	.90	2800	2600	2600	2500	2400	2000	2000	1800	1400	1100	800	600
	.50	2500	2300	2300	2200	2100	1700	1700	1500	1000	500	300	0
	.10	2000	1800	1800	1700	1700	1200	1200	1200	600	100	0	0
	.90	2800	2600	2600	2500	2400	2100	2000	1900	1500	1100	1000	800
	.50	2500	2300	2300	2200	2100	1700	1700	1500	1000	600	400	200
	.10	2000	1800	1800	1700	1700	1200	1200	1200	600	100	0	0
	.90	2900	2900	2800	2700	2600	2500	2300	2100	1800	1600	1300	1100
	.50	2500	2500	2300	2300	2200	2000	1700	1600	1300	800	500	400
	.10	2000	2000	1800	1800	1700	1600	1200	1200	700	200	0	0
4700	.90	2800	2800	2600	2600	2500	2100	2000	1900	1400	1100	900	700
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1000	600	300	100
	.10	2000	2000	1800	1800	1700	1300	1200	1200	700	100	0	0
	.90	2800	2800	2600	2600	2500	2300	2000	2000	1500	1200	1000	800
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1100	700	400	300
	.10	2000	2000	1800	1800	1700	1300	1200	1200	700	100	0	0
	.90	2900	2900	2800	2700	2700	2600	2400	2300	1800	1600	1400	1200
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1300	800	600	400
	.10	2100	2000	1800	1800	1700	1700	1200	1200	700	200	0	0
	.90	2800	2800	2600	2600	2500	2100	2000	1900	1600	1100	900	700
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	600	400	100
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	100	0	0
	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	700	500	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	100	0	0
	.90	2900	2800	2800	2800	2700	2600	2400	2300	1800	1700	1400	1300
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1300	900	600	500
	.10	2100	2000	1800	1800	1900	1700	1200	1200	800	200	0	0
	.90	2800	2800	2600	2600	2500	2300	2000	2000	1700	1200	1000	800
	.50	2500	2500	2300	2300	2200	2000	1700	1600	1200	700	400	200
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	200	0	0
	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	2000	1700	1600	1300	700	500	300
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	200	0	0
	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	2000	1700	1600	1300	700	500	300
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	200	0	0
	.90	3200	2900	2800	2800	2700	2600	2500	2400	1800	1700	1500	1300
	.50	2900	2600	2300	2300	2200	2100	1900	1700	1400	900	700	500
	.10	2600	2100	1800	1800	1800	1700	1300	1200	800	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- MARCH INCUBATION MONTH -- MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5000	.90	2900	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	800
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1300	700	500	300
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	200	0	0
	.90	2900	2800	2600	2600	2500	2400	2300	2100	1700	1400	1200	1000
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1300	800	500	400
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	200	0	0
	.90	3200	3200	2800	2800	2800	2700	2500	2400	1900	1700	1500	1400
	.50	2900	2800	2500	2500	2200	2100	1900	1700	1400	1000	700	500
	.10	2600	2200	2000	1800	1800	1700	1600	1200	800	300	0	0
	.90	3200	2900	2600	2600	2500	2400	2100	2000	1700	1300	1100	900
5100	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	700	500	300
	.10	2600	2100	1800	1800	1800	1700	1200	1200	800	200	0	0
	.90	3200	2900	2600	2600	2600	2400	2300	2100	1800	1400	1200	1000
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	500	400
	.10	2600	2100	1800	1800	1800	1700	1200	1200	800	200	0	0
	.90	3200	3200	2800	2800	2800	2700	2500	2500	2000	1700	1600	1400
	.50	2900	2900	2500	2500	2300	2100	2000	1700	1400	1000	700	500
	.10	2600	2600	2300	2300	2200	2100	1700	1200	800	200	0	0
	.90	3200	2900	2600	2600	2600	2400	2300	2100	1800	1400	1200	1000
	.50	2900	2600	2300	2300	2200	2100	1700	1200	800	200	0	0
5200	.10	2600	2600	2300	2300	2200	2100	1700	1700	1300	800	500	400
	.90	3200	3200	2800	2800	2800	2700	2500	2500	2000	1700	1600	1400
	.50	2900	2900	2500	2500	2300	2100	2000	1700	1400	1000	700	500
	.10	2600	2600	2300	2300	2200	2100	1700	1200	800	200	0	0
	.90	3200	2900	2600	2600	2600	2400	2300	2100	1700	1300	1100	900
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	500	300
	.10	2600	2100	1900	1900	1800	1700	1400	1200	800	200	0	0
	.90	3200	2900	2600	2600	2600	2400	2300	2200	1800	1500	1300	1100
	.50	2900	2600	2400	2400	2200	2100	1800	1700	1300	900	600	400
	.10	2600	2100	1900	1900	1800	1700	1400	1200	800	200	0	0
5300	.90	3200	2900	2600	2600	2600	2400	2300	2100	1800	1400	1200	1000
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	500	400
	.10	2600	2100	1900	1800	1800	1700	1400	1200	800	200	0	0
	.90	3200	3200	2800	2800	2800	2700	2500	2500	2000	1700	1600	1500
	.50	2900	2900	2500	2500	2300	2100	2000	1700	1300	800	500	400
	.10	2600	2600	2300	2300	2200	2100	1700	1200	800	200	0	0
	.90	3200	2900	2600	2600	2600	2400	2300	2100	1800	1400	1200	1000
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	500	400
	.10	2600	2600	2300	2300	2200	2100	1700	1200	800	200	0	0
	.90	3200	2900	2600	2600	2600	2400	2300	2100	1800	1400	1300	1100
5400	.50	2900	2900	2500	2500	2300	2100	2000	1700	1300	800	500	400
	.10	2600	2600	2300	2300	2200	2100	1700	1200	800	200	0	0
	.90	3200	3200	2800	2800	2800	2700	2500	2400	1800	1500	1300	1100
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	600	400
	.10	2600	2100	1900	1800	1800	1700	1400	1200	800	200	0	0
	.90	3200	2900	2600	2600	2600	2400	2300	2100	1800	1400	1300	1100
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	500	400
	.10	2600	2600	2300	2300	2200	2100	1700	1200	800	200	0	0
	.90	3200	2900	2600	2600	2600	2400	2300	2100	1800	1400	1300	1100
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	500	400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3200	3200	2900	2600	2600	2400	2400	2300	1800	1400	1200	1000
	.50	2900	2900	2600	2300	2300	2100	2000	1700	1400	900	600	400
	.10	2600	2600	2100	1800	1800	1800	1700	1200	800	300	0	0
	.90	3200	3200	2900	2800	2500	2500	2400	2300	1800	1500	1300	1200
	.50	2900	2900	2600	2300	2300	2100	2100	1700	1400	900	700	500
	.10	2600	2600	2100	1800	1800	1800	1700	1300	800	300	0	0
	.90	3300	3300	3200	3200	2900	2800	2800	2700	2300	1900	1700	1600
	.50	2900	2900	2700	2600	2300	2300	2200	2100	1500	1200	900	700
	.10	2600	2600	2300	2100	1300	1800	1700	1700	1100	400	100	0
	.90	3200	3200	2900	2700	2500	2500	2400	2300	1800	1500	1300	1100
5500	.90	2900	2900	2600	2400	2300	2200	2100	1900	1400	900	600	400
	.50	2600	2600	2100	1900	1800	1800	1700	1600	900	300	0	0
	.90	3200	3200	2900	2800	2600	2600	2500	2400	1800	1600	1400	1200
	.50	2900	2900	2600	2500	2300	2200	2100	2000	1400	1000	700	500
	.10	2600	2600	2100	2000	1800	1800	1700	1600	1000	300	0	0
	.90	3300	3300	3300	3300	3200	2900	2900	2800	2400	2000	1800	1700
	.50	2900	2900	2900	2600	2400	2300	2200	2200	1600	1300	1000	700
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1100	400	100	0
	.90	3200	3200	3100	2800	2500	2600	2400	2400	1800	1500	1300	1100
	.50	2900	2900	2700	2500	2300	2200	2100	2000	1400	1000	700	400
5600	.90	2600	2600	2300	2000	1800	1800	1700	1600	1000	300	0	0
	.50	2300	2300	2100	2000	2700	2600	2500	2400	1900	1600	1400	1300
	.90	3200	3200	3100	2900	2700	2600	2500	2400	1900	1600	1400	1300
	.50	2900	2900	2700	2500	2300	2200	2100	2000	1400	1000	700	500
	.10	2600	2600	2300	2000	1800	1800	1700	1700	1100	400	100	0
	.90	3200	3200	3200	3300	3200	2900	2900	2800	2400	2000	1800	1700
	.50	2900	2900	2900	2600	2400	2300	2200	2200	1600	1300	1000	700
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1100	400	100	0
	.90	3200	3200	2700	2500	2500	2600	2400	2400	1800	1500	1300	1100
	.50	2900	2900	2300	2000	1800	1800	1700	1700	1000	300	0	0
5700	.90	3200	3200	3100	2900	2700	2600	2500	2400	1900	1600	1400	1300
	.50	2900	2900	2700	2500	2300	2200	2100	2100	1400	1000	700	500
	.10	2600	2600	2300	2000	1800	1800	1700	1700	1100	400	100	0
	.90	3300	3300	3300	3300	3200	2900	2900	2900	2600	2100	1800	1700
	.50	2900	2900	2900	2700	2400	2300	2300	2200	1700	1400	1100	800
	.10	2600	2600	2600	2100	1800	1800	1800	1800	1200	500	200	0
	.90	3200	3200	3200	2900	2700	2600	2500	2400	1900	1600	1400	1200
	.50	2900	2900	2900	2600	2300	2300	2200	2100	1400	1000	700	500
	.10	2600	2600	2600	2100	1900	1800	1700	1700	1100	400	100	0
	.90	3200	3200	3200	2900	2700	2700	2600	2500	2000	1700	1500	1300
5800	.90	2900	2900	2900	2600	2300	2300	2200	2100	1500	1100	700	600
	.50	2600	2600	2600	2300	2000	1800	1800	1700	1100	400	100	0
	.10	2300	2300	2300	2100	1800	1800	1700	1700	1100	400	100	0
	.90	3000	3000	3000	3000	2900	2700	2600	2500	2000	1700	1500	1300
	.50	2700	2700	2700	2600	2300	2300	2200	2100	1500	1100	700	600
	.10	2400	2400	2400	2100	1800	1800	1800	1700	1100	400	100	0
	.90	3000	3000	3000	2900	2700	2700	2600	2500	2000	1700	1500	1300
	.50	2700	2700	2700	2600	2300	2300	2200	2100	1500	1100	700	600
	.10	2400	2400	2400	2100	1800	1800	1800	1700	1100	400	100	0
	.90	3000	3000	3000	3000	2900	2700	2600	2500	2000	1700	1500	1300
5900	.90	3400	3400	3400	3300	3300	3000	2900	2900	2700	2200	1900	1700
	.50	3100	3100	3100	2700	2500	2400	2300	2300	1700	1400	1100	900
	.10	2800	2800	2800	2400	2100	1800	1800	1700	1100	400	100	0
	.90	3200	3200	3200	3200	3100	2900	2900	2900	2700	2200	1900	1700
	.50	2900	2900	2900	2700	2400	2300	2200	2100	1500	1100	700	600
	.10	2600	2600	2600	2100	1800	1800	1700	1700	1100	400	100	0
	.90	3000	3000	3000	2900	2700	2700	2600	2500	2000	1700	1500	1300
	.50	2700	2700	2700	2600	2300	2300	2200	2100	1500	1100	700	600
	.10	2400	2400	2400	2100	1800	1800	1800	1700	1100	400	100	0
	.90	3000	3000	3000	2900	2700	2700	2600	2500	2000	1700	1500	1300
6000	.90	3100	3100	3100	2900	2700	2600	2500	2400	2200	1700	1400	1200
	.50	2800	2800	2800	2400	2100	1800	1800	1700	1100	400	100	0
	.10	2500	2500	2500	2100	1800	1800	1700	1700	1100	400	100	0
	.90	3000	3000	3000	2900	2700	2700	2600	2500	2000	1700	1500	1300
	.50	2700	2700	2700	2600	2300	2300	2200	2100	1500	1100	700	600
	.10	2400	2400	2400	2100	1800	1800	1700	1700	1100	400	100	0
	.90	3000	3000	3000	2900	2700	2700	2600	2500	2000	1700	1500	1300
	.50	2700	2700	2700	2600	2300	2300	2200	2100	1500	1100	700	600
	.10	2400	2400	2400	2100	1800	1800	1800	1700	1100	400	100	0
	.90	3000	3000	3000	2900	2700	2700	2600	2500	2000	1700	1500	1300

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - MAY

SPANNING 0 EXC.	INCUBATION EXC.	INCUBATION MONTH - MAY											
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5800	.90	3200	3200	3200	2900	2700	2600	2600	2500	2000	1600	1400	1200
	.50	2900	2900	2900	2600	2300	2300	2200	2100	1500	1000	700	500
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1100	400	100	0
	.90	3200	3200	3200	2900	2900	2700	2600	2600	2100	1700	1500	1400
	.50	2900	2900	2900	2600	2400	2300	2300	2200	1500	1100	800	600
	.10	2600	2600	2600	2100	1900	1800	1800	1700	1100	400	100	0
	.90	3500	3400	3400	3400	3300	3200	3000	2900	2800	2300	1900	1800
	.50	3200	2900	2900	2700	2500	2400	2400	2300	1900	1500	1200	900
	.10	2700	2600	2600	2400	2000	1900	1900	1800	1200	600	200	0
5900	.90	3200	3200	3200	3000	2800	2700	2600	2500	2000	1600	1400	1300
	.50	2900	2900	2900	2700	2400	2300	2300	2200	1500	1100	700	600
	.10	2600	2600	2600	2200	1900	1800	1800	1800	1100	400	100	0
	.90	3200	3200	3200	3100	2800	2700	2700	2600	2200	1700	1600	1400
	.50	2900	2900	2900	2700	2400	2300	2300	2200	1600	1200	800	700
	.10	2600	2600	2600	2200	1700	1800	1800	1800	1200	500	100	0
	.90	3500	3400	3400	3400	3400	3200	3000	2900	2800	2400	2000	1800
	.50	3200	2900	2900	2900	2600	2500	2400	2300	2000	1500	1300	1000
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1400	600	200	0
6000	.90	3400	3200	3200	3100	2900	2800	2700	2600	2100	1700	1500	1300
	.50	3100	2900	2900	2700	2400	2400	2300	2200	1600	1100	800	600
	.10	2600	2600	2600	2400	1900	1800	1800	1800	1200	500	100	0
	.90	3400	3200	3200	3100	2900	2800	2700	2700	2300	1800	1600	1500
	.50	3100	2900	2900	2700	2500	2400	2300	2300	1700	1200	900	700
	.10	2600	2600	2600	2400	1900	1800	1800	1800	1200	500	200	0
	.90	3500	3500	3400	3400	3400	3300	3200	3000	2800	2400	2000	1800
	.50	3200	2900	2900	2900	2600	2500	2500	2400	2000	1500	1300	1000
	.10	2700	2600	2600	2600	2100	1900	1900	1800	1600	600	300	100
6100	.90	3500	3200	3200	3200	2900	2800	2700	2600	2200	1700	1500	1400
	.50	3200	2900	2900	2900	2500	2400	2300	2300	1700	1200	800	600
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1200	600	100	0
	.90	3500	3200	3200	3200	2900	2800	2700	2600	2200	1700	1500	1400
	.50	3200	2900	2900	2900	2500	2400	2300	2300	1700	1200	800	600
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1200	600	100	0
	.90	3500	3200	3200	3200	2900	2800	2800	2700	2400	1800	1700	1500
	.50	3200	2900	2900	2900	2500	2400	2400	2300	1700	1200	900	700
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1200	600	100	0
	.90	4000	3500	3500	3500	3400	3300	3200	3100	2900	2500	2100	1800
	.50	3700	2900	2900	2900	2600	2500	2500	2400	2100	1600	1400	1100
	.10	3200	2600	2600	2600	2100	2000	2000	1900	1700	700	300	100

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	3500	3200	3200	3200	2900	2800	2800	2700	2300	1700	1600	1400
	.50	3200	2900	2900	2900	2500	2400	2400	2300	1700	1200	900	700
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1200	600	200	0
	.90	3500	3200	3200	3200	2900	2900	2800	2800	2400	1900	1700	1600
	.50	3200	2900	2900	2900	2500	2400	2400	2300	1900	1300	1000	700
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1400	600	200	0
	.90	4000	3500	3500	3500	3400	3400	3300	3200	2900	2500	2300	1900
	.50	3700	3200	2900	2900	2700	2600	2500	2500	2100	1500	1400	1200
	.10	3200	2700	2600	2600	2200	2000	1900	1900	1700	700	400	100
	.90	3500	3200	3200	3200	2900	2900	2800	2800	2400	1800	1600	1400
6300	.90	3500	3200	3200	3200	2900	2900	2800	2700	2400	1800	1600	1400
	.50	3200	2900	2900	2900	2500	2500	2400	2400	1900	1200	900	700
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	200	0
	.90	3500	3200	3200	3200	3000	2900	2800	2800	2500	2000	1700	1600
	.50	3200	2900	2900	2900	2500	2500	2500	2400	2000	1400	1000	700
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	200	0
	.90	4000	3500	3500	3500	3500	3400	3300	3200	2900	2600	2300	2000
	.50	3700	3200	2900	2900	2700	2600	2600	2500	2200	1600	1400	1200
	.10	3200	2700	2600	2600	2200	2000	2000	1900	1700	800	400	100
	.90	4000	3500	3500	3500	3000	2900	2900	2800	2400	1800	1600	1500
6400	.90	3700	2900	2900	2900	2700	2500	2500	2400	2000	1300	1000	700
	.50	3200	2600	2600	2600	2300	2200	2200	2100	1700	800	400	100
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	200	0
	.90	4000	3500	3500	3500	3500	3400	3300	3200	2900	2600	2300	2000
	.50	3700	3200	2900	2900	2700	2600	2600	2500	2200	1600	1400	1200
	.10	3200	2700	2600	2600	2200	2000	2000	1900	1700	800	400	100
	.90	4000	3500	3500	3500	3000	2900	2900	2800	2400	1800	1600	1500
	.50	3700	3200	2900	2900	2700	2600	2600	2500	2200	1600	1400	1200
	.10	3200	2700	2600	2600	2200	2000	2000	1900	1700	800	400	100
	.90	4000	3500	3500	3500	3000	2900	2900	2800	2400	1800	1600	1500
6500	.90	3700	2900	2900	2900	2700	2500	2500	2400	2000	1300	1000	700
	.50	3200	2600	2600	2600	2300	2200	2200	2100	1700	700	300	100
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	200	0
	.90	4000	3500	3500	3500	3500	3400	3300	3200	2900	2600	2300	2000
	.50	3700	3200	2900	2900	2700	2600	2600	2500	2200	1600	1400	1200
	.10	3200	2700	2600	2600	2200	2000	2000	1900	1700	800	400	100
	.90	4000	3500	3500	3500	3000	2900	2900	2800	2400	1800	1600	1500
	.50	3700	3200	2900	2900	2700	2600	2600	2500	2200	1600	1400	1200
	.10	3200	2700	2600	2600	2200	2000	2000	1900	1700	800	400	100
	.90	4000	3500	3500	3500	3000	2900	2900	2800	2400	1800	1600	1500
6600	.90	3700	2900	2900	2900	2700	2500	2500	2400	2000	1300	1000	700
	.50	3200	2600	2600	2600	2300	2200	2200	2100	1700	700	300	100
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	200	0
	.90	4000	3500	3500	3500	3500	3400	3300	3200	2900	2600	2300	2000
	.50	3700	3200	2900	2900	2700	2600	2600	2500	2200	1600	1400	1200
	.10	3200	2700	2600	2600	2200	2000	2000	1900	1700	800	400	100
	.90	4000	3500	3500	3500	3000	2900	2900	2800	2400	1800	1600	1500
	.50	3700	3200	2900	2900	2700	2600	2600	2500	2200	1600	1400	1200
	.10	3200	2700	2600	2600	2200	2000	2000	1900	1700	800	400	100
	.90	4000	3500	3500	3500	3000	2900	2900	2800	2400	1800	1600	1500

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6600	.90	4000	3500	3200	3200	3100	3000	2900	2900	2500	2000	1700	1600
	.50	3700	3200	2900	2900	2700	2600	2500	2500	2100	1400	1000	800
	.10	3200	2700	2600	2600	2400	2000	2000	1900	1700	800	300	100
	.90	4000	3500	3300	3200	3200	3100	3000	2900	2700	2300	2000	1800
	.50	3700	3200	2900	2900	2800	2600	2600	2500	2200	1500	1200	900
	.10	3200	2700	2600	2600	2400	2100	2000	1900	1700	800	400	100
	.90	4100	4100	4100	4100	4100	4100	4000	4000	3200	2900	2600	2400
	.50	3700	3600	3300	3000	2900	2800	2700	2700	2500	2100	1600	1500
	.10	3200	3100	2800	2700	2600	2200	2100	2100	1900	1000	600	300
	.90	4000	3600	3300	3200	3200	3000	3000	2900	2600	2100	1800	1600
6700	.90	3700	3300	3000	2900	2800	2600	2600	2500	2200	1400	1100	800
	.50	3200	2800	2700	2600	2400	2100	2000	1900	1800	800	300	100
	.10	4000	3600	3300	3300	3200	3200	3000	3000	2800	2400	2100	1800
	.90	3700	3300	3000	2900	2900	2700	2600	2500	2200	1500	1300	1000
	.50	3200	2800	2700	2600	2400	2100	2000	2000	1800	800	400	100
	.10	4200	4200	4200	4200	4200	4100	4100	4100	3400	3000	2700	2500
	.90	3700	3700	3300	3200	2900	2800	2800	2800	2600	2200	1700	1500
	.50	3200	3200	2800	2700	2600	2300	2200	2200	1800	1100	700	400
	.10	4000	3900	3500	3200	3200	3100	3000	3000	2700	2200	1800	1700
	.90	3700	3600	3200	2900	2900	2700	2600	2600	2200	1500	1100	800
6800	.50	3200	3100	2700	2600	2500	2100	2000	2000	1800	900	400	100
	.90	4000	3900	3500	3300	3300	3200	3100	3000	2900	2400	2200	1900
	.50	3700	3600	3200	2900	2900	2700	2700	2600	2300	1500	1400	1100
	.10	3200	3100	2700	2600	2600	2200	2100	2000	1800	1000	400	100
	.90	4200	4200	4200	4200	4200	4200	4200	4100	3500	3000	2800	2600
	.50	3700	3700	3400	3300	3000	2900	2800	2800	2700	2200	2000	1600
	.10	4200	4200	4200	4200	4200	4200	4200	4100	3500	3000	2800	2600
	.90	3700	3700	3400	3300	3000	2900	2800	2800	2700	2200	2000	1600
	.50	3200	3100	2700	2600	2600	2200	2100	2000	1800	1000	400	100
	.10	4200	4200	4200	4200	4200	4200	4200	4200	4100	3500	3000	2800
6900	.90	3700	3700	3400	3300	3000	2900	2800	2800	2700	2200	2000	1600
	.50	3200	3200	2900	2800	2600	2300	2200	2200	1800	1100	700	500
	.10	4000	3900	3600	3300	3200	3100	3000	3000	2700	2300	1900	1700
	.90	3700	3600	3300	3000	2900	2700	2700	2600	2300	1500	1200	900
	.50	3200	3100	2800	2700	2600	2200	2100	2000	1800	1000	400	100
	.10	4000	3900	3600	3300	3200	3100	3000	2700	2300	1500	1200	900
	.90	3700	3600	3300	3000	2900	2700	2700	2600	2300	1500	1200	900
	.50	3200	3100	2800	2700	2600	2200	2100	2000	1800	1000	400	100
	.10	4000	3900	3600	3400	3300	3200	3200	3100	2900	2500	2300	2000
	.90	3700	3600	3300	3000	2900	2800	2700	2700	2600	2100	1600	1100
7000	.50	3200	3100	2800	2700	2600	2200	2100	2000	1800	1000	400	200
	.10	3200	3100	2800	2700	2600	2200	2100	2100	1800	1100	400	200
	.90	4900	4900	4900	4300	4200	4200	4200	4200	3700	3200	2900	2700
	.50	4600	3700	3500	3400	3000	2900	2900	2800	2700	2400	2100	1600
	.10	4100	3200	2900	2800	2500	2400	2300	2200	1900	1200	800	500

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING INCUBATION 2 EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000 .90	4000	4000	3600	3500	3200	3200	3100	3000	2800	2400	1900	1800
	3700	3700	3300	3200	2700	2800	2700	2700	2300	1600	1300	1000
	3200	3200	2800	2700	2600	2200	2200	2100	1800	1100	400	100
.50	4000	4000	3600	3500	3400	3300	3200	3200	2900	2600	2300	2000
	3700	3700	3300	3200	2900	2800	2800	2700	2300	1700	1500	1200
	3200	3200	2800	2700	2600	2300	2200	2100	1800	1100	500	200
.10	4900	4900	4900	4900	4700	4300	4300	4200	4100	3300	3000	2800
	4600	3700	3500	3500	3500	3300	3000	2900	2800	2600	2200	1800
	4100	3200	2900	2900	2700	2500	2400	2300	1900	1500	800	700





TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
2200	.90	900	900	800	800	500	600	400	400	0	0	0	0
	.50	500	500	400	400	200	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	900	900	800	800	700	600	500	400	0	0	0	0
	.50	500	500	400	400	200	200	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	800	700	600	600	100	0	0	0
	.50	700	500	500	500	300	200	200	100	0	0	0	0
	.10	400	200	200	200	0	0	0	0	0	0	0	0
2300	.90	900	900	800	800	700	600	500	400	0	0	0	0
	.50	500	500	500	400	300	200	100	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	400	0	0	0	0
	.50	500	500	500	400	300	200	100	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	1200	1100	900	900	900	700	700	600	100	0	0	0
	.50	800	500	500	400	400	300	200	200	0	0	0	0
	.10	500	200	200	200	100	0	0	0	0	0	0	0
2400	.90	1100	900	900	900	700	600	600	500	0	0	0	0
	.50	700	500	500	300	300	200	200	100	0	0	0	0
	.10	400	200	200	200	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0
	.50	700	500	500	300	300	200	200	100	0	0	0	0
	.10	400	200	200	200	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	700	600	500	0	0	0	0
	.50	700	500	500	300	300	200	200	100	0	0	0	0
	.10	400	200	200	200	0	0	0	0	0	0	0	0
	.90	1200	1200	1000	900	900	800	700	600	300	0	0	0
	.50	800	800	500	500	500	300	200	200	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
2500	.90	1200	900	900	900	900	700	600	600	0	0	0	0
	.50	800	500	500	500	400	300	200	200	0	0	0	0
	.10	500	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	900	900	900	900	700	600	600	0	0	0	0
	.50	800	500	500	500	400	300	200	100	0	0	0	0
	.10	500	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1100	900	900	800	700	600	600	100	0	0	0
	.50	800	500	500	500	400	300	200	200	0	0	0	0
	.10	500	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1200	1100	1000	900	900	700	700	400	0	0	0
	.50	800	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	97.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1200	1200	900	900	900	700	700	600	100	0	0	0
	.50	800	800	500	500	400	300	200	200	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
	.90	1200	1200	900	900	900	700	700	600	100	0	0	0
	.50	800	800	500	500	400	300	200	200	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
	.90	1200	1200	1200	1000	900	900	800	700	500	0	0	0
	.50	800	800	600	500	500	400	300	300	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
2700	.90	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.50	800	800	500	500	500	300	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1100	900	900	800	700	700	300	0	0	0
	.50	800	800	500	500	500	300	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1400	1200	1200	1100	1000	900	900	800	600	100	0	0
	.50	1000	800	700	600	500	500	400	300	0	0	0	0
	.10	700	500	400	200	200	100	0	0	0	0	0	0
	.90	1200	1200	1100	1000	900	900	700	700	300	0	0	0
	.50	800	800	500	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1100	1000	900	900	800	700	400	0	0	0
	.50	800	800	600	500	500	400	300	300	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	900	900	600	200	0	0
	.50	1000	800	800	600	500	500	400	300	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	1400	1200	1200	1000	900	900	800	700	400	0	0	0
	.50	1000	800	700	500	500	400	300	300	0	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	1400	1200	1200	1100	900	900	800	700	500	0	0	0
	.50	1000	800	700	500	500	400	300	300	0	0	0	0
	.10	700	500	400	200	200	100	0	0	0	0	0	0
	.90	1400	1200	1200	1100	900	900	900	700	500	0	0	0
	.50	1000	800	700	500	500	400	400	300	0	0	0	0
	.10	700	500	400	200	200	100	0	0	0	0	0	0
	.90	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.50	1300	1300	800	800	500	500	500	400	100	0	0	0
	.10	900	900	500	500	200	200	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1400	1200	1200	1100	1000	900	900	800	500	0	0	0
	.50	1000	800	800	600	500	500	400	300	0	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	900	800	600	0	0	0
	.50	1000	800	800	600	500	500	400	300	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	1800	1800	1800	1200	1200	1000	900	900	700	300	0	0
	.50	1300	1300	1300	800	500	500	500	400	200	0	0	0
	.10	1000	900	900	500	200	200	100	0	0	0	0	0
3100	.90	1500	1200	1200	1200	1000	900	900	900	600	0	0	0
	.50	1100	800	800	600	500	500	400	400	100	0	0	0
	.10	800	500	500	200	200	200	100	0	0	0	0	0
	.90	1500	1200	1200	1200	1000	900	900	900	600	100	0	0
	.50	1100	800	800	600	500	500	400	400	100	0	0	0
	.10	800	500	500	200	200	200	100	0	0	0	0	0
	.90	1900	1600	1800	1800	1200	1100	1000	900	700	400	100	0
	.50	1400	1300	1300	1300	800	500	500	500	200	0	0	0
	.10	1000	900	900	900	500	200	200	100	0	0	0	0
3200	.90	1800	1800	1200	1200	1100	900	900	900	600	100	0	0
	.50	1300	1300	800	800	500	500	500	400	100	0	0	0
	.10	1000	900	500	500	200	200	100	0	0	0	0	0
	.90	1800	1800	1200	1200	1100	1000	900	900	500	100	0	0
	.50	1300	1300	800	800	500	500	500	400	200	0	0	0
	.10	1000	900	500	500	200	200	100	0	0	0	0	0
	.90	1800	1800	1200	1200	1100	1000	900	900	500	100	0	0
	.50	1300	1300	800	800	500	500	500	400	200	0	0	0
	.10	1000	900	500	500	200	200	100	0	0	0	0	0
	.90	1900	1900	1800	1800	1300	1200	1000	1000	700	500	200	0
	.50	1400	1400	1300	1300	800	600	500	500	200	0	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
3300	.90	1800	1800	1800	1400	1200	1000	900	900	600	100	0	0
	.50	1300	1300	1300	1000	600	500	500	400	200	0	0	0
	.10	1000	900	900	700	200	200	100	100	0	0	0	0
	.90	1800	1800	1800	1400	1200	1000	900	900	600	200	0	0
	.50	1300	1300	1300	1000	600	500	500	400	200	0	0	0
	.10	1000	900	900	700	200	200	100	100	0	0	0	0
	.90	1900	1900	1800	1400	1200	1000	900	900	600	200	0	0
	.50	1400	1400	1300	1300	600	500	500	400	200	0	0	0
	.10	1000	1000	900	700	200	200	100	100	0	0	0	0
	.90	1900	1900	1800	1800	1600	1200	1100	1000	800	600	200	0
	.50	1400	1400	1300	1300	1200	600	500	500	300	0	0	0
	.10	1000	1000	900	900	800	200	200	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH - MARCH INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	1900	1800	1800	1800	1200	1000	1000	900	700	200	0	0
	.50	1400	1300	1300	1300	800	500	500	500	200	0	0	0
	.10	1000	900	900	900	500	200	200	100	0	0	0	0
	.90	1900	1800	1800	1800	1200	1100	1000	900	700	300	0	0
	.50	1400	1300	1300	1300	800	500	500	500	200	0	0	0
	.10	1000	900	900	900	500	200	200	100	0	0	0	0
	.90	2300	1900	1900	1900	1900	1300	1200	1100	900	600	300	100
	.50	1800	1400	1400	1400	1300	800	600	500	300	0	0	0
	.10	1400	1000	1000	1000	900	500	200	200	0	0	0	0
3500	.90	1900	1900	1800	1800	1300	1200	1000	900	700	300	0	0
	.50	1400	1400	1300	1300	900	600	500	500	200	0	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
	.90	1900	1900	1800	1800	1300	1200	1000	900	700	400	0	0
	.50	1400	1400	1300	1300	900	600	500	500	200	0	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
	.90	2400	2300	1900	1900	1800	1500	1200	1200	900	700	300	200
	.50	1900	1800	1400	1400	1300	900	800	600	300	0	0	0
	.10	1500	1400	1000	1000	900	600	300	200	0	0	0	0
3600	.90	1900	1900	1800	1800	1600	1200	1100	1000	700	400	0	0
	.50	1400	1400	1300	1300	1200	700	500	500	300	0	0	0
	.10	1000	1000	900	900	900	400	200	200	0	0	0	0
	.90	1900	1900	1800	1800	1500	1200	1100	1000	700	400	100	0
	.50	1400	1400	1300	1300	1200	700	500	500	300	0	0	0
	.10	1000	1000	900	900	900	400	200	200	0	0	0	0
	.90	2400	2400	2300	1900	1900	1600	1400	1200	900	700	400	200
	.50	1900	1900	1800	1800	1400	1200	800	700	300	0	0	0
	.10	1500	1500	1400	1000	1000	900	500	300	0	0	0	0
3700	.90	2300	1900	1900	1900	1800	1200	1200	1000	700	400	100	0
	.50	1800	1400	1400	1400	1300	800	600	500	300	0	0	0
	.10	1400	1000	1000	1000	900	500	200	200	0	0	0	0
	.90	2300	1900	1900	1900	1800	1200	1200	1100	900	500	200	0
	.50	1800	1400	1400	1400	1300	800	600	500	300	0	0	0
	.10	1400	1000	1000	1000	900	500	200	200	0	0	0	0
	.90	2400	2400	2400	2400	1900	1800	1500	1400	1000	700	500	0
	.50	1900	1900	1900	1900	1400	1300	900	800	400	100	0	0
	.10	1500	1500	1500	1500	1000	900	600	400	200	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- MARCH INCUBATION MONTH -- JUNE

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3800	.90	2400	2300	1900	1900	1800	1400	1200	1100	900	500	100	0
	.50	1900	1800	1400	1400	1300	1000	300	600	300	0	0	0
	.10	1500	1400	1000	1000	900	700	500	200	0	0	0	0
	.90	2400	2300	1900	1900	1800	1400	1200	1200	900	600	200	0
	.50	1900	1800	1400	1400	1300	1000	800	600	300	0	0	0
	.10	1500	1400	1000	1000	900	700	500	200	0	0	0	0
	.90	2400	2400	2400	2300	1900	1800	1500	1500	1000	800	600	300
	.50	1900	1900	1800	1800	1400	1300	1200	900	400	100	0	0
	.10	1500	1500	1500	1400	1000	900	900	500	0	0	0	0
3900	.90	2400	2400	2300	1900	1900	1600	1300	1200	900	600	200	0
	.50	1900	1900	1800	1400	1400	1200	800	700	300	0	0	0
	.10	1500	1500	1400	1000	1000	900	500	300	0	0	0	0
	.90	2400	2400	2300	1900	1900	1600	1300	1200	900	600	300	100
	.50	1900	1900	1800	1400	1400	1200	900	800	300	0	0	0
	.10	1500	1500	1400	1000	1000	900	500	300	0	0	0	0
	.90	2400	2400	2400	2400	1900	1900	1700	1600	1100	800	700	400
	.50	1900	1900	1900	1900	1400	1300	1200	900	500	100	0	0
	.10	1500	1500	1500	1500	1000	1000	900	600	100	0	0	0
4000	.90	2400	2400	2400	1900	1900	1800	1400	1200	900	600	200	0
	.50	1900	1900	1900	1400	1400	1300	900	800	400	100	0	0
	.10	1500	1500	1500	1000	1000	900	600	500	0	0	0	0
	.90	2400	2400	2400	1900	1900	1800	1500	1300	900	700	300	100
	.50	1900	1900	1900	1400	1400	1300	900	800	400	100	0	0
	.10	1500	1500	1500	1000	1000	900	600	500	0	0	0	0
4100	.90	2700	2400	2400	2400	1900	1900	1800	1600	1100	900	700	500
	.50	2200	1900	1900	1900	1400	1400	1300	1000	500	100	0	0
	.10	1800	1500	1500	1500	1000	1000	900	700	100	0	0	0
	.90	2400	2400	2400	2300	1900	1800	1600	1400	900	600	300	0
	.50	1900	1900	1900	1800	1400	1300	1200	900	400	100	0	0
	.10	1500	1500	1500	1400	1000	900	600	500	0	0	0	0
	.90	2400	2400	2400	2400	1900	1900	1800	1600	1100	900	700	500
	.50	1900	1900	1900	1900	1400	1400	1200	1000	500	100	0	0
	.10	1500	1500	1500	1500	1000	1000	900	700	100	0	0	0
	.90	2700	2400	2400	2400	2100	1900	1800	1700	1200	900	800	600
	.50	2200	1900	1900	1900	1500	1400	1300	1200	500	200	0	0
	.10	1800	1500	1500	1500	1100	1000	900	900	200	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4200	.90	2400	2400	2400	2400	1900	1900	1700	1500	1000	700	300	100
	.50	1900	1900	1900	1900	1400	1400	1300	900	500	100	0	0
	.10	1500	1500	1500	1500	1000	1000	900	600	100	0	0	0
	.90	2400	2400	2400	2400	1900	1900	1700	1500	1000	700	500	200
	.50	1900	1900	1900	1900	1400	1400	1300	1000	500	100	0	0
	.10	1500	1500	1500	1500	1000	1000	900	600	100	0	0	0
	.90	2700	2500	2400	2400	2200	1900	1900	1800	1200	900	800	600
	.50	2200	1900	1900	1900	1300	1400	1300	1300	600	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	200	0	0	0
4300	.90	2700	2400	2400	2400	1900	1900	1700	1600	1000	700	400	200
	.50	2200	1900	1900	1900	1400	1400	1300	1200	500	100	0	0
	.10	1800	1500	1500	1500	1000	1000	900	900	100	0	0	0
	.90	2700	2400	2400	2400	1900	1900	1700	1600	1100	800	600	300
	.50	2200	1900	1900	1900	1400	1400	1300	1200	500	100	0	0
	.10	1800	1500	1500	1500	1000	1000	900	900	100	0	0	0
4400	.90	2700	2500	2500	2400	2300	1900	1900	1800	1300	1000	800	700
	.50	2200	2000	2000	1900	1800	1400	1400	1300	800	300	0	0
	.10	1800	1600	1600	1500	1500	1000	1000	900	300	0	0	0
	.90	2700	2400	2400	2400	2200	1900	1800	1600	1100	700	500	200
	.50	2200	1900	1900	1900	1400	1400	1300	1200	500	200	0	0
	.10	1800	1500	1500	1500	1400	1000	1000	900	200	0	0	0
	.90	2700	2400	2400	2400	2200	1900	1800	1600	1200	800	600	400
	.50	2200	1900	1900	1900	1800	1400	1300	1200	600	200	0	0
	.10	1800	1500	1500	1500	1400	1000	1000	900	200	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	1000	900	700
	.50	2200	2200	2000	2000	1900	1400	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1000	1000	1000	400	0	0	0
4500	.90	2700	2500	2400	2400	2200	1900	1800	1700	1200	800	600	300
	.50	2200	2000	1900	1900	1900	1400	1300	1300	600	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	200	0	0	0
	.90	2700	2500	2400	2400	2200	1900	1800	1700	1200	800	600	300
	.50	2200	2000	1900	1900	1900	1400	1300	1300	600	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	200	0	0	0
	.90	2700	2500	2400	2400	2200	1900	1800	1700	1200	900	700	400
	.50	2200	2000	1900	1900	1900	1400	1300	1300	700	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	300	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	1000	900	700
	.50	2200	2000	1900	1900	1900	1400	1300	1300	700	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	300	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1900	1500	1100	900	800
	.50	2200	2200	2000	2000	1900	1500	1400	1300	800	300	100	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2700	2500	2500	2400	2300	1900	1900	1700	1200	800	600	300
	.50	2200	2000	2000	1900	1800	1400	1400	1300	800	200	0	0
	.10	1800	1600	1600	1500	1500	1000	1000	1000	400	0	0	0
	.90	2700	2500	2500	2400	2300	1900	1900	1700	1300	900	700	500
	.50	2200	2000	2000	1900	1800	1400	1400	1300	800	300	0	0
	.10	1800	1600	1600	1500	1500	1000	1000	1000	400	0	0	0
	.90	2700	2700	2500	2500	2400	2200	1900	1900	1600	1100	1000	800
	.50	2200	2200	2000	2000	1900	1800	1400	1300	900	400	100	0
	.10	1800	1800	1600	1600	1500	1400	1000	1000	500	0	0	0
4700	.90	2700	2700	2500	2500	2400	2000	1900	1800	1300	900	700	400
	.50	2200	2200	2000	2000	1900	1500	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	400	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	900	800	600
	.50	2200	2200	2000	2000	1900	1500	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	400	0	0	0
	.90	2800	2700	2500	2500	2400	2200	2000	1900	1600	1100	1000	900
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
4800	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	900	700	500
	.50	2200	2200	2000	2000	1900	1500	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1200	1000	1000	500	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1800	1500	1000	800	600
	.50	2200	2200	2000	2000	1900	1500	1400	1300	900	300	0	0
	.10	1800	1800	1600	1600	1500	1200	1000	1000	500	0	0	0
	.90	2800	2700	2500	2500	2400	2200	2000	1900	1600	1200	1000	900
	.50	2300	2200	2000	2000	1900	1800	1400	1300	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
4900	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	900	700	500
	.50	2200	2200	2000	2000	1900	1500	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1200	1000	1000	500	0	0	0
	.90	2800	2700	2500	2500	2400	2200	2000	1900	1600	1200	1000	900
	.50	2300	2200	2000	2000	1900	1800	1400	1300	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	2700	2700	2500	2500	2400	2200	1900	1900	1500	1100	900	700
	.50	2200	2200	2000	2000	1900	1500	1400	1300	900	300	100	0
	.10	1800	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	3100	2800	2500	2500	2400	2300	2000	2000	1600	1200	1000	900
	.50	2700	2300	2000	2000	1900	1900	1500	1400	900	500	200	0
	.10	2400	1900	1600	1600	1500	1500	1100	1000	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD:  
 SPANNING MONTH -- MARCH INCUBATION MONTH -- JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	2800	2700	2500	2500	2400	2200	1900	1900	1500	1000	800	600
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	300	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	2800	2700	2500	2500	2400	2200	1900	1900	1500	1100	900	700
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	3100	3000	2700	2500	2400	2300	2100	2000	1700	1300	1100	1000
	.50	2700	2400	2200	2000	1900	1900	1700	1400	1000	500	200	0
	.10	2400	1900	1800	1600	1600	1500	1400	1000	500	0	0	0
5100	.90	3100	2800	2500	2500	2400	2300	2000	1900	1500	1100	900	600
	.50	2700	2300	2000	2000	1900	1800	1400	1400	1000	400	100	0
	.10	2400	1900	1600	1600	1600	1500	1000	1000	500	0	0	0
	.90	3100	2800	2500	2500	2400	2300	2000	1900	1600	1100	900	800
	.50	2700	2300	2000	2000	2400	2300	2000	1900	1600	1100	900	800
	.10	2400	1900	1600	1600	1900	1800	1400	1400	900	400	100	0
	.90	3100	3100	2700	2500	2500	2300	2200	2000	1800	1300	1100	1000
	.50	2700	2700	2200	2000	2000	1900	1800	1400	1000	500	200	0
	.10	2400	2400	1800	1500	1500	1500	1500	1000	600	0	0	0
	.90	3100	2800	2600	2500	2400	2300	2000	1900	1600	1100	900	700
	.50	2700	2300	2100	2000	1900	1900	1500	1400	1000	400	100	0
	.10	2400	1900	1700	1600	1400	1500	1200	1000	500	0	0	0
	.90	3100	2800	2600	2500	2400	2300	2100	1900	1600	1100	1000	800
	.50	2700	2300	2100	2000	1900	1900	1500	1400	1000	500	100	0
	.10	2400	1900	1700	1600	1500	1500	1200	1000	500	0	0	0
	.90	3100	3100	2800	2600	2500	2400	2300	2200	1900	1400	1200	1000
	.50	2700	2700	2200	2000	2000	1900	1800	1400	1000	500	300	0
	.10	2400	2400	1900	1700	1600	1600	1500	1300	700	0	0	0
	.90	3100	3100	2700	2500	2500	2300	2200	1900	1600	1100	900	700
	.50	2700	2700	2200	2000	2000	1900	1800	1400	1000	500	100	0
	.10	2400	2400	1800	1600	1600	1500	1500	1000	600	0	0	0
	.90	3100	3100	2700	2500	2500	2300	2200	2000	1600	1200	1000	900
	.50	2700	2700	2200	2000	2000	1900	1800	1400	1000	500	200	0
	.10	2400	2400	1800	1600	1600	1500	1500	1000	600	0	0	0
	.90	3100	3100	2800	2700	2500	2400	2400	2300	1900	1500	1200	1100
	.50	2700	2700	2200	2000	2000	1900	1800	1400	1000	600	300	100
	.10	2400	2400	1800	1600	1600	1500	1500	1000	600	0	0	0
	.90	3100	3100	2800	2700	2500	2400	2400	2300	1900	1500	1200	1100
	.50	2700	2700	2300	2200	2000	1900	1900	1800	1100	600	300	100
	.10	2400	2400	1900	1800	1600	1600	1500	1400	800	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3100	2800	2500	2500	2500	2300	2200	2000	1600	1200	900	800
	.50	2700	2300	2000	2000	2000	1900	1800	1400	1000	500	100	0
	.10	2400	1900	1600	1600	1500	1600	1500	1000	600	0	0	0
	.90	3100	2800	2500	2500	2500	2300	2300	2100	1600	1200	1000	900
	.50	2700	2300	2000	2000	2000	1900	1800	1500	1000	500	200	0
	.10	2400	1900	1600	1600	1600	1600	1500	1100	600	0	0	0
	.90	3100	2900	2800	2800	2500	2500	2400	2400	1900	1500	1300	1100
	.50	2700	2400	2300	2300	2000	1900	1900	1900	1200	700	300	100
	.10	2400	2100	1800	1800	1500	1600	1500	1500	900	100	0	0
5500	.90	3100	2800	2600	2600	2500	2400	2300	2100	1600	1200	1000	800
	.50	2700	2300	2100	2100	2000	1900	1900	1700	1000	500	200	0
	.10	2400	1900	1700	1700	1500	1600	1500	1300	700	0	0	0
	.90	3100	2800	2700	2700	2500	2400	2300	2200	1700	1200	1000	900
	.50	2700	2300	2200	2200	2000	1900	1900	1800	1100	500	200	0
	.10	2400	1900	1800	1800	1500	1600	1500	1400	800	0	0	0
	.90	3100	3100	2800	2800	2600	2500	2500	2400	2000	1600	1400	1200
	.50	2700	2700	2300	2300	2000	2000	1900	1900	1300	700	400	200
	.10	2400	2400	1900	1900	1600	1600	1500	1500	900	200	0	0
	.90	3100	2900	2700	2700	2500	2400	2300	2200	1700	1200	1000	900
	.50	2700	2400	2400	2200	2000	1900	1900	1800	1100	500	200	0
	.10	2400	2100	1800	1800	1500	1600	1500	1400	800	0	0	0
	.90	3100	2900	2700	2700	2500	2400	2300	2300	1700	1300	1100	900
	.50	2700	2400	2200	2200	2000	1900	1900	1800	1200	600	300	0
	.10	2400	2100	1800	1800	1600	1600	1500	1400	900	100	0	0
	.90	3100	3100	2900	2900	2500	2500	2500	2500	2100	1800	1400	1200
	.50	2700	2700	2700	2300	2000	2000	1900	1900	1300	700	400	200
	.10	2400	2400	2400	1900	1600	1600	1500	1500	1000	200	0	0
	.90	3100	3100	2900	2900	2500	2500	2400	2300	1700	1300	1000	900
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1600	1600	1500	1500	900	100	0	0
	.90	3100	3100	2800	2800	2500	2500	2400	2300	1700	1300	1000	900
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1600	1600	1500	1500	900	100	0	0
	.90	3100	3100	2800	2800	2500	2500	2400	2300	1800	1400	1100	1000
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1600	1600	1500	1500	900	100	0	0
	.90	3100	3100	2900	2900	2700	2600	2500	2500	2200	1900	1500	1200
	.50	2800	2700	2700	2400	2100	2000	2000	1900	1300	800	500	300
	.10	2400	2400	2400	1900	1700	1600	1600	1500	1000	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5300	.90	3100	3100	3100	2800	2500	2500	2400	2300	1800	1300	1100	900
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1600	1600	1600	1500	900	200	0	0
	.90	3100	3100	3100	2800	2500	2500	2500	2400	1900	1400	1200	1000
	.50	2700	2700	2700	2300	2000	2000	1900	1900	1300	700	300	100
	.10	2400	2400	2400	1900	1600	1600	1500	1500	900	200	0	0
	.90	3400	3100	3100	2900	2700	2600	2600	2500	2200	1900	1600	1300
	.50	2900	2700	2700	2500	2200	2000	2000	2000	1400	800	500	300
	.10	2500	2400	2400	2200	1800	1600	1500	1600	1000	300	0	0
5900	.90	3100	3100	3100	2900	2500	2500	2500	2400	1900	1400	1100	1000
	.50	2700	2700	2700	2400	2000	2000	1900	1900	1300	700	300	0
	.10	2400	2400	2400	1900	1700	1600	1600	1500	900	200	0	0
	.90	3100	3100	3100	2900	2600	2500	2500	2400	1900	1500	1200	1000
	.50	2700	2700	2700	2400	2000	2000	2000	1900	1300	700	300	100
	.10	2400	2400	2400	1900	1700	1600	1600	1500	1000	200	0	0
	.90	3400	3100	3100	3100	2800	2700	2600	2600	2300	2000	1600	1300
	.50	2900	2700	2700	2700	2300	2100	2000	2000	1500	800	600	300
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1200	300	0	0
	.90	3300	3100	3100	2900	2600	2600	2500	2400	1900	1400	1100	1000
	.50	2800	2700	2700	2500	2100	2000	2000	1900	1300	700	300	0
	.10	2400	2400	2400	2200	1700	1600	1600	1500	1000	200	0	0
	.90	3300	3100	3100	2900	2700	2600	2500	2500	1900	1500	1200	1100
	.50	2800	2700	2700	2500	2100	2000	2000	1900	1400	800	400	100
	.10	2400	2400	2400	2200	1700	1600	1600	1600	1000	200	0	0
	.90	3400	3100	3100	3100	2800	2700	2700	2600	2400	2000	1700	1400
	.50	2900	2700	2700	2700	2300	2100	2100	2000	1800	900	600	300
	.10	2500	2400	2400	2400	1900	1700	1600	1600	1400	400	0	0
	.90	3400	3100	3100	3100	2700	2600	2500	2500	1900	1400	1200	1000
	.50	2900	2700	2700	2700	2200	2000	2000	1900	1400	800	300	100
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1000	300	0	0
	.90	3400	3100	3100	3100	2700	2600	2600	2500	2000	1600	1200	1100
	.50	2900	2700	2700	2700	2200	2100	2000	2000	1400	800	400	200
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1000	300	0	0
	.90	3400	3100	3100	3100	2700	2600	2600	2500	2000	1600	1200	1100
	.50	2900	2700	2700	2700	2200	2100	2000	2000	1400	800	400	200
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1000	300	0	0
	.90	3900	3100	3100	3100	2800	2700	2700	2700	2400	2100	1800	1500
	.50	3400	2700	2700	2700	2300	2200	2100	2100	1800	900	600	400
	.10	3000	2400	2400	2400	1900	1700	1600	1600	1400	500	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3400	3100	3100	3100	2800	2600	2600	2500	2000	1500	1200	1000
	.50	2900	2700	2700	2700	2300	2000	2000	2000	1400	800	400	100
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1000	300	0	0
	.90	3400	3100	3100	3100	2800	2700	2600	2500	2100	1600	1300	1100
	.50	2900	2700	2700	2700	2300	2000	2000	2000	1500	800	500	200
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1200	300	0	0
	.90	3900	3400	3100	3100	2700	2700	2700	2700	2500	2100	1900	1600
	.50	3400	2900	2700	2700	2400	2200	2100	2100	1900	900	700	400
	.10	3000	2500	2400	2400	1900	1700	1700	1600	1500	500	0	0
6300	.90	3400	3100	3100	3100	2800	2700	2600	2600	2100	1600	1200	1100
	.50	2900	2700	2700	2700	2300	2000	2000	2000	1700	800	400	200
	.10	2500	2400	2400	2400	1900	1600	1600	1600	1300	400	0	0
	.90	3400	3100	3100	3100	2800	2700	2600	2600	2200	1700	1300	1100
	.50	2900	2700	2700	2700	2300	2100	2100	2000	1800	800	500	300
	.10	2500	2400	2400	2400	1900	1600	1600	1600	1400	400	0	0
	.90	3900	3400	3100	3100	2900	2800	2800	2700	2500	2100	1900	1700
	.50	3400	2900	2700	2700	2400	2200	2200	2100	1900	1000	700	500
	.10	3000	2500	2400	2400	1900	1700	1700	1700	1500	600	0	0
	.90	3900	3100	3100	3100	2900	2700	2700	2600	2200	1600	1300	1100
	.50	3400	2700	2700	2700	2300	2100	2100	2000	1800	800	500	200
	.10	3000	2400	2400	2400	1900	1600	1600	1600	1400	500	0	0
	.90	3900	3100	3100	3100	2900	2700	2700	2600	2300	1800	1400	1200
	.50	3400	2700	2700	2700	2300	2100	2100	2100	1900	900	500	300
	.10	3000	2400	2400	2400	1900	1700	1600	1600	1400	500	0	0
	.90	3900	3400	3200	3200	3200	2900	2900	2800	2600	2200	2000	1800
	.50	3400	3000	2700	2700	2500	2200	2200	2200	1900	1100	800	600
	.10	3000	2600	2400	2400	2200	1800	1700	1700	1500	600	0	0
	.90	3900	3400	3100	3100	2900	2800	2700	2600	2300	1700	1300	1100
	.50	3400	2900	2700	2700	2400	2100	2100	2100	1900	900	500	300
	.10	3000	2500	2400	2400	1900	1700	1700	1600	1500	500	0	0
	.90	3900	3400	3100	3100	2900	2800	2700	2700	2300	1900	1500	1200
	.50	3400	2900	2700	2700	2400	2100	2100	2100	1900	900	600	300
	.10	3000	2500	2400	2400	1900	1700	1700	1600	1500	500	0	0
	.90	3900	3800	3400	3300	3300	3200	3100	3000	2700	2300	2100	1900
	.50	3400	3300	2900	2700	2500	2300	2300	2200	1900	1300	800	600
	.10	3000	2900	2400	2400	2200	1900	1800	1700	1500	800	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6600	.90	3900	3400	3100	3100	2900	2800	2700	2700	2300	1800	1300	1100
	.50	3400	2900	2700	2700	2500	2200	2200	2100	1900	900	600	300
	.10	3000	2500	2400	2400	2200	1700	1700	1600	1500	600	0	0
	.90	3900	3400	3100	3100	3000	2800	2800	2700	2400	1900	1600	1300
	.50	3400	2900	2700	2700	2500	2300	2200	2100	1900	900	600	300
	.10	3000	2500	2400	2400	2200	1800	1700	1700	1500	600	0	0
	.90	3900	3800	3500	3300	3300	3300	3300	3200	2800	2400	2100	1900
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1400	900	700
	.10	3000	2900	2600	2500	2400	1900	1900	1800	1600	800	0	0
	.90	3900	3500	3200	3100	3000	2800	2800	2700	2400	1900	1400	1200
6700	.50	3400	3000	2800	2700	2500	2300	2200	2100	1900	900	600	300
	.10	3000	2600	2500	2400	2200	1800	1700	1700	1500	600	0	0
	.90	3900	3500	3200	3100	3000	2800	2800	2700	2400	1900	1400	1200
	.50	3400	3000	2800	2700	2500	2300	2200	2100	1900	900	600	300
	.10	3000	2600	2500	2400	2200	1800	1700	1700	1500	600	0	0
	.90	3900	3900	3500	3400	3400	3400	3300	3300	2900	2500	2200	2000
	.50	3400	3400	3000	2900	2700	2500	2400	2300	2000	1400	1000	800
	.10	3000	3000	2600	2500	2400	2000	1900	1800	1600	900	0	0
	.90	3900	3800	3400	3100	3100	2900	2800	2800	2400	1900	1500	1200
	.50	3400	3300	2900	2700	2700	2300	2300	2200	1900	1000	600	300
6800	.90	3900	3800	3400	2900	2400	1900	1800	1700	1500	700	0	0
	.50	3400	3300	2900	2700	2400	2000	1900	1800	1600	900	0	0
	.10	3000	3000	2600	2500	2400	2000	1900	1800	1600	900	0	0
	.90	3900	3800	3400	3100	3100	2900	2800	2800	2400	1900	1500	1200
	.50	3400	3300	2900	2700	2700	2300	2300	2200	1900	1000	600	300
	.10	3000	2900	2500	2400	2200	1800	1700	1700	1500	600	0	0
	.90	3900	3900	3500	3400	3400	3400	3300	3300	2900	2500	2200	2000
	.50	3400	3400	3000	2900	2700	2500	2400	2300	2000	1400	1000	800
	.10	3000	3000	2600	2500	2400	2000	1900	1800	1600	900	0	0
	.90	3900	3800	3400	3100	3100	2900	2800	2800	2400	1900	1500	1200
6900	.50	3400	3300	2900	2700	2700	2300	2300	2200	1900	1100	700	400
	.10	3000	2900	2500	2400	2400	1900	1800	1700	1600	800	0	0
	.90	3900	3900	3600	3500	3400	3400	3400	3300	3100	2600	2300	2100
	.50	3400	3400	3100	3000	2700	2500	2400	2400	2000	1500	1200	800
	.10	3000	3000	2700	2600	2400	2100	1900	1900	1600	900	100	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2000	1600	1200
	.50	3400	3300	3000	2800	2700	2400	2300	2200	2000	1100	700	400
	.10	3000	2900	2600	2500	2400	1900	1800	1800	1600	800	0	0
	.90	3900	3800	3500	3200	3100	3000	2900	2800	2500	2100	1900	1500
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1200	700	500
6900	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1800	1500
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1200	700	500
	.10	3000	2900	2600	2500	2400	1900	1800	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1900	1500
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1200	700	500
	.10	3000	2900	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1900	1500
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1200	700	500
	.10	3000	2900	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1900	1500
6900	.50	3400	3400	3100	3000	2700	2500	2400	2400	2100	1500	1000	800
	.10	3000	2900	2600	2500	2400	1900	1800	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1800	1500
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1200	700	500
	.10	3000	2900	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1900	1500
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1200	700	500
	.10	3000	2900	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1900	1500
	.50	3400	3400	3100	3000	2700	2500	2400	2400	2100	1500	1000	800
6900	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1800	1500
	.50	3400	3400	3100	3000	2700	2500	2400	2400	2100	1500	1000	800
	.10	3000	2900	2600	2500	2400	1900	1800	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1900	1500
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1200	700	500
	.10	3000	2900	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1900	1500
	.50	3400	3300	3000	2800	2700	2400	2300	2300	2000	1200	700	500
	.10	3000	2900	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	3900	3800	3500	3200	3100	2900	2900	2800	2500	2100	1900	1500

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MARCH INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		3900	3500	3400	3100	3000	2900	2900	2500	2000	1700	1300
	.50		3400	3000	2900	2700	2400	2400	2300	2000	1200	700	400
	.10		3000	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	.50	3900	3500	3400	3100	3000	3000	2900	2600	2200	2000	1600
	.50		3400	3000	2900	2700	2500	2400	2300	2000	1300	800	500
	.10		3000	2600	2500	2400	2000	1900	1900	1600	900	0	0
	.90	.10	4800	4100	4100	4100	3500	3500	3500	3300	2800	2600	2200
	.50		4300	3100	3100	2800	2700	2600	2500	2200	1800	1400	900
	.10		3900	2700	2700	2500	2200	2100	2000	1600	1100	200	0





TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2200	.90	1100	1100	1000	1000	900	800	700	600	200	0	0	0
	.50	800	800	700	700	500	500	300	300	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	1200	1100	1100	1000	900	800	700	600	200	0	0	0
	.50	800	800	700	700	500	500	400	300	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	1400	1200	1100	1100	1000	900	900	800	500	200	100	0
	.50	1000	800	800	800	700	600	500	500	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
2300	.90	1200	1100	1000	1000	900	800	700	600	200	0	0	0
	.50	800	800	700	700	500	500	400	300	0	0	0	0
	.10	400	400	300	300	200	100	0	0	0	0	0	0
	.90	1400	1200	1100	1100	1000	800	800	700	200	100	0	0
	.50	1000	800	800	800	500	500	500	300	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	1800	1400	1200	1200	1100	1000	900	900	600	300	200	100
	.50	1100	1000	800	800	800	600	500	500	0	0	0	0
	.10	700	400	400	400	300	200	100	0	0	0	0	0
2400	.90	1400	1200	1100	1100	1000	900	900	700	300	0	0	0
	.50	1000	800	800	800	500	500	500	400	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	1400	1200	1100	1100	1000	900	800	800	300	100	0	0
	.50	1000	800	800	800	700	600	500	400	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	1800	1400	1300	1200	1100	1100	1000	900	700	400	200	100
	.50	1100	1000	900	800	800	700	600	500	100	0	0	0
	.10	700	400	400	400	300	200	100	100	0	0	0	0
2500	.90	1400	1200	1100	1100	1000	900	900	800	300	100	0	0
	.50	1100	800	800	800	700	600	500	500	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1400	1400	1200	1100	1100	900	900	800	400	100	0	0
	.50	1100	1000	800	800	700	600	500	500	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1800	1800	1400	1400	1100	900	900	800	400	100	0	0
	.50	1100	1100	800	800	700	600	500	500	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1800	1800	1400	1400	1200	1100	1100	1000	800	500	300	200
	.50	1100	1100	1000	900	900	700	600	600	300	100	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1800	1800	1400	1400	1200	1100	1100	1000	800	500	300	200
	.50	1100	1100	1000	900	900	700	600	600	300	100	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MARCH INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1400	1400	1200	1100	1100	1000	900	800	300	100	0	0
	.50	1100	1100	800	800	800	600	600	500	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	1400	1400	1200	1100	1100	1000	900	800	500	200	0	0
	.50	1100	1100	800	800	800	600	600	500	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	1800	1800	1600	1500	1300	1200	1100	1100	800	600	300	200
	.50	1100	1100	1100	900	800	800	700	600	300	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
2700	.90	1400	1400	1300	1200	1100	1000	900	900	500	100	0	0
	.50	1100	1100	900	800	800	700	600	500	100	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1500	1400	1300	1200	1100	1100	1000	900	600	200	100	0
	.50	1100	1100	1000	800	800	700	600	600	200	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1800	1800	1800	1600	1400	1200	1200	1100	900	600	400	200
	.50	1300	1100	1100	1000	900	800	800	700	400	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1500	1400	1400	1300	1100	1100	1000	900	600	200	0	0
	.50	1100	1100	1000	900	800	700	600	600	200	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
	.90	1500	1500	1400	1300	1100	1100	1000	900	700	300	100	0
	.50	1100	1100	1000	900	900	800	700	600	300	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
	.90	2000	2000	1800	1800	1500	1300	1200	1200	1000	700	500	300
	.50	1300	1100	1100	1100	900	800	800	700	500	0	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1100	1000	700	200	0	0
	.50	1300	1100	1100	900	800	800	700	600	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1600	1500	1400	1400	1200	1100	1100	1000	700	300	200	0
	.50	1300	1100	1100	1000	900	800	700	600	400	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	2200	2100	2000	1900	1500	1400	1300	1200	1000	800	600	400
	.50	1600	1600	1100	1100	1000	800	800	800	500	0	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD:  
 SPANNING MONTH -- MARCH INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1600	1500	1400	1400	1200	1100	1100	1000	700	300	100	0
	.50	1300	1100	1100	1000	300	800	800	700	400	0	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	1600	1500	1400	1400	1300	1100	1100	1100	800	400	200	100
	.50	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	2400	2300	2200	2000	1800	1500	1400	1300	1100	800	600	500
	.50	1600	1600	1600	1100	1100	900	800	800	500	100	0	0
	.10	1200	1100	1100	700	400	400	300	200	0	0	0	0
3100	.90	1700	1500	1500	1400	1300	1100	1100	1100	800	300	100	0
	.50	1400	1100	1100	1100	900	800	800	700	500	0	0	0
	.10	1000	700	700	400	400	400	300	200	0	0	0	0
	.90	1700	1500	1500	1400	1300	1200	1100	1100	800	500	200	100
	.50	1400	1100	1100	1100	900	800	800	800	500	0	0	0
	.10	1000	700	700	400	400	400	300	200	0	0	0	0
	.90	2500	2500	2300	2100	2000	1600	1400	1300	1100	900	700	500
	.50	1700	1600	1600	1600	1100	900	800	800	600	200	0	0
	.10	1200	1100	1100	1100	700	400	400	300	0	0	0	0
3200	.90	2000	2000	1500	1500	1400	1200	1100	1100	800	400	200	0
	.50	1600	1600	1100	1100	1000	800	800	800	500	0	0	0
	.10	1200	1100	700	700	400	400	300	200	0	0	0	0
	.90	2000	2000	1600	1500	1400	1200	1200	1100	900	600	300	200
	.50	1600	1600	1100	1100	1000	800	800	800	500	0	0	0
	.10	1200	1100	700	700	400	400	300	200	0	0	0	0
	.90	2700	2600	2500	2300	2000	1800	1500	1400	1200	900	700	600
	.50	1700	1700	1600	1600	1100	1000	900	800	600	300	0	0
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0
3300	.90	2000	2000	2000	1600	1400	1300	1200	1100	900	500	200	100
	.50	1600	1600	1600	1300	1100	900	800	800	500	0	0	0
	.10	1200	1100	1100	900	400	400	300	300	0	0	0	0
	.90	2000	2000	2000	1600	1400	1300	1200	1100	900	700	400	200
	.50	1600	1600	1600	1300	1100	900	800	800	500	0	0	0
	.10	1200	1100	1100	900	400	400	300	300	0	0	0	0
	.90	2700	2700	2500	2400	2000	1800	1600	1500	1200	1000	800	600
	.50	1700	1700	1600	1600	1500	1100	900	800	600	300	0	0
	.10	1200	1200	1100	1100	1000	400	400	400	100	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2100	2000	2000	2000	1500	1300	1200	1100	900	600	300	100
	.50	1700	1600	1600	1600	1100	900	800	800	600	0	0	0
	.10	1200	1100	1100	1100	700	400	400	300	100	0	0	0
	.90	2100	2000	2000	2000	1500	1400	1300	1200	1000	700	500	300
	.50	1700	1600	1600	1600	1100	900	800	800	600	200	0	0
	.10	1200	1100	1100	1100	700	400	400	300	100	0	0	0
	.90	2800	2600	2500	2500	2100	2000	1900	1600	1300	1000	800	700
	.50	2100	1700	1700	1700	1500	1100	1100	900	700	400	100	0
	.10	1600	1200	1200	1200	1100	700	400	400	100	0	0	0
3500	.90	2100	2000	2000	2000	1500	1400	1300	1200	900	700	400	200
	.50	1700	1700	1600	1600	1200	1100	900	800	600	200	0	0
	.10	1200	1200	1100	1100	800	400	400	300	100	0	0	0
	.90	2100	2100	2000	2000	1500	1400	1300	1200	1000	800	600	400
	.50	1700	1700	1600	1600	1200	1100	900	800	500	200	0	0
	.10	1200	1200	1100	1100	800	400	400	300	100	0	0	0
	.90	2900	2900	2700	2500	2100	2000	1800	1700	1300	1100	900	700
	.50	2200	2100	1700	1700	1600	1300	1100	1000	700	500	100	0
	.10	1700	1600	1200	1200	1100	800	500	400	200	0	0	0
3600	.90	2100	2100	2000	2000	1900	1500	1300	1200	1000	700	500	200
	.50	1700	1700	1600	1600	1500	1100	900	800	600	200	0	0
	.10	1200	1200	1100	1100	1100	600	400	400	100	0	0	0
	.90	2100	2100	2000	2000	1900	1500	1400	1300	1100	800	600	400
	.50	1700	1700	1600	1600	1500	1100	900	800	600	300	0	0
	.10	1200	1200	1100	1100	1100	600	400	400	100	0	0	0
	.90	2900	2900	2800	2600	2200	2100	2000	1800	1400	1200	1000	800
	.50	2200	2200	2100	1700	1700	1500	1200	1100	800	500	200	0
	.10	1700	1700	1600	1200	1200	1100	700	500	200	0	0	0
3700	.90	2500	2100	2100	2100	2000	1500	1400	1300	1100	700	500	300
	.50	2100	1700	1700	1700	1600	1100	1100	900	600	300	0	0
	.10	1600	1200	1200	1200	1100	700	400	400	100	0	0	0
	.90	2500	2100	2100	2100	2000	1600	1500	1400	1100	900	700	500
	.50	2100	1700	1700	1700	1600	1100	1100	900	700	300	0	0
	.10	1600	1200	1200	1200	1100	700	400	400	100	0	0	0
	.90	2900	2900	2800	2600	2300	2100	2100	1900	1400	1200	1000	900
	.50	2200	2200	2200	1700	1700	1600	1400	1200	800	500	300	0
	.10	1700	1700	1700	1200	1200	1100	800	600	200	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2600	2500	2100	2100	2000	1500	1500	1400	1100	800	600	400
	.50	2200	2100	1700	1700	1500	1300	1100	1000	700	300	0	0
	.10	1700	1600	1200	1200	1100	900	700	400	200	0	0	0
	.90	2600	2500	2100	2100	2000	1700	1600	1500	1200	900	700	600
	.50	2200	2100	1700	1700	1600	1300	1100	1100	700	400	0	0
	.10	1700	1600	1200	1200	1100	900	700	400	200	0	0	0
3900	.90	2600	2600	2500	2100	2100	1800	1500	1500	1100	800	600	500
	.50	2200	2200	2100	1700	1700	1500	1200	1100	700	400	0	0
	.10	1700	1700	1600	1200	1200	1100	700	500	200	0	0	0
4000	.90	2600	2600	2500	2100	2100	1800	1700	1600	1200	1000	800	600
	.50	2200	2200	2100	1700	1700	1500	1200	1100	800	500	100	0
	.10	1700	1700	1600	1200	1200	1100	700	500	200	0	0	0
	.90	2900	2900	2800	2600	2500	2100	2100	2100	1600	1300	1200	1000
	.50	2200	2200	2200	2200	1700	1600	1500	1400	800	600	400	200
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	2600	2600	2600	2100	2100	2000	1700	1500	1200	900	700	500
	.50	2200	2200	2200	2200	1700	1600	1400	1300	800	400	0	0
	.10	1700	1700	1700	1200	1200	1100	800	700	200	0	0	0
	.90	2600	2600	2600	2100	2100	2000	1800	1700	1300	1000	800	700
	.50	2200	2200	2200	2200	1700	1600	1400	1200	800	500	100	0
	.10	1700	1700	1700	1200	1200	1100	800	700	200	0	0	0
4100	.90	2900	2900	2800	2600	2500	2100	2100	2100	1700	1400	1200	1000
	.50	2200	2200	2200	2200	1700	1600	1500	1500	900	600	500	300
	.10	1700	1700	1700	1700	1200	1200	1100	900	300	0	0	0
	.90	2600	2600	2600	2500	2100	2000	1800	1600	1200	1000	800	600
	.50	2200	2200	2200	2100	1700	1600	1500	1300	800	500	100	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	200	0	0	0
	.90	2600	2600	2600	2500	2100	2000	1900	1800	1400	1100	900	700
	.50	2200	2200	2200	2100	1700	1600	1500	1300	800	500	100	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	200	0	0	0
	.90	2900	2900	2800	2600	2600	2100	1900	1800	1400	1100	900	700
	.50	2200	2200	2200	2100	1700	1600	1500	1300	800	500	200	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	200	0	0	0
	.90	2900	2900	2800	2600	2600	2200	2100	2100	1800	1400	1300	1100
	.50	2200	2200	2200	2200	1800	1700	1600	1500	1100	700	500	300
	.10	1700	1700	1700	1700	1300	1200	1100	1100	400	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MARCH INCUBATION MONTH - JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2600	2600	2600	2600	2100	2100	1900	1800	1300	1000	800	600
	.50	2200	2200	2200	2200	1700	1700	1600	1400	800	500	200	0
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	2600	2600	2600	2600	2100	2100	2000	1800	1400	1200	1000	800
	.50	2200	2200	2200	2200	1700	1700	1600	1400	800	600	300	0
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	3300	3300	3100	3000	2600	2400	2200	2200	1900	1500	1300	1200
	.50	2500	2300	2200	2200	2100	1700	1600	1600	1100	700	500	400
	.10	2000	1800	1700	1700	1700	1200	1200	1100	400	0	0	0
4300	.90	2900	2600	2600	2600	2100	2100	1900	1800	1400	1100	900	700
	.50	2500	2200	2200	2200	1700	1700	1600	1500	800	600	200	0
	.10	2000	1700	1700	1700	1200	1200	1100	1100	300	0	0	0
	.90	2900	2600	2600	2600	2100	2100	2000	1900	1500	1200	1000	900
	.50	2500	2200	2200	2200	1700	1700	1600	1500	900	600	400	0
	.10	2000	1700	1700	1700	1200	1200	1100	1100	300	0	0	0
	.90	3300	3300	3100	2900	2700	2500	2300	2200	1900	1600	1400	1200
	.50	2500	2300	2300	2200	2100	1700	1700	1600	1200	700	600	400
	.10	2000	1800	1800	1700	1700	1200	1200	1100	500	0	0	0
4400	.90	2900	2600	2600	2600	2400	2100	2000	1900	1400	1200	900	800
	.50	2500	2200	2200	2200	2100	1700	1600	1500	1000	600	300	0
	.10	2000	1700	1700	1700	1500	1200	1200	1100	400	0	0	0
	.90	2900	2600	2600	2600	2400	2100	2100	2000	1600	1300	1100	900
	.50	2500	2200	2200	2200	2100	1700	1600	1500	1000	600	400	100
	.10	2000	1700	1700	1700	1500	1200	1200	1100	400	0	0	0
	.90	2900	2700	2600	2600	2400	2100	2100	2000	1600	1300	1100	900
	.50	2500	2200	2200	2200	2100	1700	1600	1500	1000	600	400	100
	.10	2000	1700	1700	1700	1500	1200	1200	1100	400	0	0	0
	.90	3300	3300	3100	3000	2700	2600	2400	2200	2000	1700	1400	1300
	.50	2500	2500	2300	2300	2200	1700	1700	1600	1300	800	600	500
	.10	2000	2000	1800	1800	1700	1200	1200	1200	600	100	0	0
4500	.90	2900	2700	2600	2600	2400	2100	2000	1900	1500	1200	1000	800
	.50	2500	2300	2200	2200	2100	1700	1600	1600	1100	600	400	0
	.10	2000	1800	1700	1700	1700	1200	1200	1100	400	0	0	0
	.90	2900	2700	2700	2600	2500	2200	2100	2000	1700	1300	1200	1000
	.50	2500	2300	2200	2200	2100	1700	1600	1600	1100	600	400	200
	.10	2000	1800	1700	1700	1700	1200	1200	1100	400	0	0	0
	.90	2900	2700	2700	2600	2500	2200	2100	2000	1700	1300	1200	1000
	.50	2500	2300	2200	2200	2100	1700	1600	1600	1100	700	400	200
	.10	2000	1800	1700	1700	1700	1200	1200	1100	500	0	0	0
	.90	3300	3300	3100	3100	2800	2600	2400	2300	2100	1700	1500	1300
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1400	800	600	500
	.10	2000	2000	1800	1800	1700	1200	1200	1200	700	100	0	0
	.90	2900	2700	2700	2600	2500	2200	2100	2000	1700	1300	1200	1000
	.50	2500	2300	2300	2300	2200	1800	1700	1600	1400	800	600	500
	.10	2000	1800	1700	1700	1700	1200	1200	1200	700	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	Q	EXC.	Q	EXC.	Q	EXC.	Q	EXC.	Q	EXC.	Q	EXC.
4600	.90	2900	2700	2700	2600	2500	2100	2100	1900	1600	1200	1000	900
	.50	2500	2300	2300	2200	2100	1700	1700	1600	1100	600	400	100
	.10	2000	1800	1800	1700	1700	1200	1200	1200	600	0	0	0
	.90	2900	2800	2700	2700	2600	2400	2100	2100	1800	1400	1200	1000
	.50	2500	2300	2300	2200	2100	1700	1700	1600	1100	700	500	300
	.10	2000	1800	1800	1700	1700	1200	1200	1200	600	0	0	0
	.90	3300	3300	3100	3100	3000	2700	2600	2400	2100	1800	1600	1400
	.50	2500	2500	2300	2300	2200	2100	1700	1600	1400	900	600	500
	.10	2000	2000	1800	1800	1700	1600	1200	1200	700	100	0	0
4700	.90	2900	2900	2700	2700	2600	2200	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1100	700	400	200
	.10	2000	2000	1800	1800	1700	1300	1200	1200	600	0	0	0
	.90	2900	2900	2700	2700	2600	2400	2200	2100	1800	1400	1300	1100
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	700	500	400
	.10	2000	2000	1800	1800	1700	1300	1200	1200	600	100	0	0
4800	.90	3300	3200	3100	3100	3100	2700	2600	2500	2100	1900	1600	1400
	.50	2600	2500	2300	2300	2200	2100	1700	1700	1400	900	700	600
	.10	2100	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	2900	2900	2700	2700	2600	2300	2100	2100	1700	1400	1200	1000
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	700	500	200
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	100	0	0
	.90	3000	2900	2800	2700	2500	2500	2300	2100	1900	1500	1300	1200
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	800	600	400
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	100	0	0
	.90	3200	3200	3200	3100	3100	2700	2600	2500	2200	1900	1700	1500
	.50	2600	2500	2300	2300	2200	2100	1700	1700	1400	1000	700	600
	.10	2100	2000	1800	1800	1900	1700	1200	1200	700	200	0	0
4900	.90	2900	2900	2700	2700	2600	2400	2200	2100	1800	1400	1200	1000
	.50	2500	2500	2300	2300	2200	2100	1700	1600	1300	800	500	300
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3100	3000	2900	2700	2700	2500	2400	2200	1900	1600	1400	1200
	.50	2500	2500	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3300	3200	3200	3200	3100	2700	2600	2500	2200	2000	1800	1500
	.50	3000	2600	2300	2300	2200	2200	1800	1700	1500	1000	800	600
	.10	2600	2100	1800	1800	1800	1700	1200	1200	700	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MARCH INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3000	2900	2700	2700	2600	2500	2300	2100	1800	1500	1300	1100
	.50	2600	2500	2300	2300	2200	2100	1700	1700	1400	800	600	400
	.10	2100	2000	1800	1800	1800	1700	1200	1200	700	100	0	0
	.90	3100	3100	2900	2800	2700	2600	2400	2300	1900	1600	1400	1300
	.50	2600	2500	2300	2300	2200	2100	1700	1700	1400	800	600	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	700	200	0	0
	.90	3300	3300	3200	3200	3200	3000	2700	2600	2200	2100	1800	1600
	.50	3000	2900	2500	2300	2200	2200	2000	1700	1500	1100	800	600
	.10	2600	2100	2000	1800	1900	1700	1600	1200	700	200	0	0
5100	.90	3300	3000	2700	2700	2600	2500	2400	2100	1900	1500	1300	1200
	.50	3000	2600	2300	2300	2200	2100	1700	1700	1400	800	600	400
	.10	2600	2100	1800	1800	1800	1700	1200	1200	700	200	0	0
	.90	3300	3200	3000	2900	2700	2600	2500	2400	2000	1700	1400	1300
	.50	3000	2600	2300	2300	2200	2100	1700	1700	1400	900	600	500
	.10	2600	2100	1800	1800	1800	1700	1200	1200	700	200	0	0
	.90	3300	3300	3200	3200	3200	3100	2700	2600	2300	2100	1800	1700
	.50	3000	3000	2500	2300	2300	2200	2100	1700	1500	1100	800	700
	.10	2600	2600	2000	1800	1800	1700	1700	1200	800	200	0	0
5200	.90	3300	3000	2800	2700	2700	2500	2400	2300	1900	1600	1400	1200
	.50	3000	2600	2400	2300	2200	2200	1800	1700	1400	900	600	400
	.10	2600	2100	1900	1800	1800	1700	1400	1200	700	200	0	0
	.90	3300	3300	3100	3000	2700	2600	2500	2400	2000	1700	1500	1300
	.50	3000	2600	2400	2300	2200	2200	1800	1700	1400	1000	700	500
	.10	2600	2100	1900	1800	1800	1700	1400	1200	700	200	0	0
	.90	3600	3600	3300	3300	3200	3100	3000	2700	2400	2200	2000	1700
	.50	3000	3000	2600	2400	2300	2200	2200	2100	1500	1200	800	700
	.10	2600	2600	2100	1900	1800	1800	1400	1200	700	200	0	0
5300	.90	3300	3300	2900	2800	2700	2600	2500	2400	1900	1600	1400	1300
	.50	3000	3000	2500	2300	2300	2200	2100	1700	1400	900	600	500
	.10	2600	2600	2000	1800	1800	1700	1700	1200	800	200	0	0
	.90	3600	3600	3300	3300	3200	3100	3000	2700	2400	2200	2000	1700
	.50	3000	3000	2500	2300	2300	2200	2200	2100	1500	1200	800	700
	.10	2600	2600	2100	1900	1800	1800	1400	1200	700	200	0	0
	.90	3600	3600	3300	3300	3200	3100	3000	2700	2400	2200	2000	1700
	.50	3000	3000	2500	2300	2300	2200	2100	1700	1400	900	600	500
	.10	2600	2600	2000	1800	1800	1700	1700	1200	800	200	0	0
	.90	3600	3600	3300	3300	3200	3100	3100	2800	2500	1800	1500	1400
	.50	3000	3000	2600	2400	2400	2300	2200	2100	1500	1200	800	600
	.10	2600	2600	2100	1900	1800	1800	1400	1200	700	200	0	0
	.90	3600	3600	3300	3300	3300	3200	3100	2800	2500	2200	2100	1800
	.50	3000	3000	2600	2400	2400	2300	2200	2100	1600	1300	900	800
	.10	2600	2600	2100	1900	1900	1800	1700	1600	1000	300	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3300	3300	3000	2900	2700	2600	2500	2400	2000	1700	1400	1300
	.50	3000	3000	2600	2300	2300	2200	2100	1700	1400	1000	700	500
	.10	2600	2600	2100	1800	1800	1800	1700	1200	800	200	0	0
	.90	3300	3300	3300	3100	2800	2700	2600	2500	2100	1800	1600	1400
	.50	3000	3000	2600	2300	2300	2200	2100	1800	1500	1000	700	600
	.10	2600	2600	2100	1800	1800	1800	1700	1300	800	200	0	0
	.90	3700	3700	3600	3600	3300	3200	3200	3100	2600	2300	2100	1900
	.50	3000	3000	2800	2600	2400	2300	2200	2200	1600	1300	1000	800
	.10	2600	2600	2300	2000	1800	1800	1700	1700	1100	300	0	0
5500	.90	3300	3300	3000	2900	2700	2600	2500	2500	2000	1700	1500	1300
	.50	3000	3000	2600	2400	2300	2200	2200	2000	1500	1000	700	500
	.10	2600	2600	2100	1900	1800	1800	1700	1500	900	200	0	0
	.90	3300	3300	3300	3100	2800	2700	2600	2500	2100	1800	1600	1500
	.50	3000	3000	2600	2500	2300	2200	2200	2100	1500	1100	800	600
	.10	2600	2600	2100	2000	1800	1800	1700	1600	1000	200	0	0
	.90	3700	3700	3700	3700	3300	3300	3200	3200	2700	2400	2200	2000
	.50	3000	3000	3000	2600	2500	2400	2300	2200	1600	1400	1100	800
	.10	2600	2600	2600	2100	1800	1800	1700	1700	1100	400	0	0
	.90	3300	3300	3200	3000	2800	2700	2600	2500	2100	1700	1500	1400
	.50	3000	3000	2800	2500	2300	2200	2200	2100	1500	1000	700	600
	.10	2600	2600	2300	2000	1800	1800	1700	1600	1000	200	0	0
	.90	3300	3300	3300	3100	2900	2700	2700	2600	2200	1900	1700	1500
	.50	3000	3000	2800	2500	2400	2300	2200	2200	1500	1100	800	600
	.10	2600	2600	2300	2000	1800	1800	1700	1600	1100	300	0	0
	.90	3700	3700	3700	3700	3500	3300	3300	3300	2700	2400	2200	2100
	.50	3000	3000	3000	2800	2500	2400	2300	2300	1700	1500	1200	900
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1200	400	0	0
	.90	3300	3300	3300	3100	2900	2700	2700	2600	2100	1800	1600	1400
	.50	3000	3000	3000	2600	2400	2300	2200	2200	1500	1100	800	600
	.10	2600	2600	2600	2100	1800	1800	1700	1700	1100	300	0	0
5700	.90	3700	3700	3700	3700	3500	3300	3300	3300	2700	2400	2200	2100
	.50	3000	3000	3000	2800	2500	2400	2300	2300	1700	1500	1200	900
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1200	400	0	0
	.90	3300	3300	3300	3100	2900	2700	2700	2600	2100	1800	1600	1400
	.50	3000	3000	3000	2600	2400	2300	2200	2200	1500	1100	800	600
	.10	2600	2600	2600	2100	1800	1800	1700	1700	1100	300	0	0
	.90	3700	3700	3700	3700	3500	3300	3300	3300	2700	2400	2200	2100
	.50	3000	3000	3000	2800	2500	2400	2300	2200	1500	1100	800	600
	.10	2600	2600	2600	2100	1800	1800	1700	1700	1100	300	0	0
	.90	3300	3300	3300	3200	3000	2800	2700	2700	2200	2000	1700	1600
	.50	3000	3000	3000	2600	2400	2300	2200	2200	1500	1100	800	700
	.10	2600	2600	2600	2100	1800	1800	1700	1700	1100	300	0	0
	.90	3800	3800	3800	3700	3700	3400	3300	3300	2900	2500	2300	2100
	.50	3100	3000	3000	2800	2500	2500	2400	2300	1700	1500	1200	1000
	.10	2600	2600	2600	2100	1900	1800	1800	1700	1200	400	100	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCURATION MONTH - JULY

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5800	.90	3300	3300	3300	3200	2900	2800	2700	2600	2200	1800	1600	1500
	.50	3000	3000	3000	2600	2400	2300	2300	2200	1600	1100	800	600
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1100	400	0	0
	.90	3300	3300	3300	3200	3100	2900	2900	2700	2400	2100	1800	1600
	.50	3000	3000	3000	2600	2500	2400	2300	2200	1600	1200	900	700
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1100	400	0	0
	.90	3800	3800	3800	3800	3700	3400	3300	3300	3000	2500	2300	2200
	.50	3200	3000	3000	2800	2500	2500	2400	2300	2000	1600	1300	1000
	.10	2700	2600	2600	2400	2000	1900	1300	1800	1200	500	100	0
5900	.90	3300	3300	3300	3300	3000	2800	2700	2700	2200	1900	1700	1500
	.50	3000	3000	3000	2800	2500	2400	2300	2200	1600	1200	800	700
	.10	2600	2600	2600	2100	1900	1800	1800	1700	1100	400	0	0
	.90	3300	3300	3300	3200	3100	3000	2900	2800	2500	2100	1800	1700
	.50	3000	3000	3000	2800	2500	2400	2300	2300	1600	1300	900	700
	.10	2600	2600	2600	2100	1900	1800	1800	1700	1200	400	0	0
	.90	3800	3800	3800	3800	3700	3600	3400	3300	3100	2600	2300	2200
	.50	3200	3000	3000	3000	2600	2600	2500	2400	2100	1600	1300	1100
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1400	500	100	0
6000	.90	3500	3300	3300	3300	3000	2900	2800	2700	2400	2000	1700	1500
	.50	3100	3000	3000	2800	2500	2400	2300	2300	1700	1200	900	700
	.10	2600	2600	2600	2400	1900	1800	1800	1700	1200	400	0	0
	.90	3500	3300	3300	3200	3100	3000	2900	2800	2500	2200	1900	1700
	.50	3100	3000	3000	2800	2600	2500	2400	2300	1700	1300	1000	800
	.10	2600	2600	2600	2400	1900	1800	1800	1800	1200	400	0	0
	.90	3900	3900	3800	3800	3800	3700	3400	3300	3100	2700	2300	2200
	.50	3200	3000	3000	3000	2600	2600	2500	2500	2100	1600	1400	1200
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	100	0
6100	.90	3600	3300	3300	3300	3000	2900	2900	2800	2400	2100	1800	1600
	.50	3200	3000	3000	3000	2600	2500	2400	2300	1700	1200	900	700
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1200	500	0	0
	.90	3600	3300	3300	3300	3000	2900	2900	2800	2500	2200	2000	1800
	.50	3200	3000	3000	3000	2600	2500	2400	2300	1700	1200	900	700
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1200	500	0	0
	.90	3600	3300	3300	3300	3000	3100	3000	2900	2500	2200	2000	1800
	.50	3200	3000	3000	3000	2600	2500	2400	2300	1700	1200	1000	800
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1200	400	0	0
	.90	3600	3300	3300	3300	3000	3100	3000	2900	2500	2200	2000	1800
	.50	3200	3000	3000	3000	2600	2500	2400	2300	1700	1200	1000	800
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1200	500	100	0
	.90	4100	3900	3900	3900	3800	3700	3600	3400	3100	2700	2400	2300
	.50	3700	3000	3000	3000	2700	2600	2600	2500	2200	1600	1500	1200
	.10	3200	2600	2600	2600	2100	1900	1800	1800	1600	700	100	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	3600	3300	3300	3300	3100	3000	2900	2800	2500	2100	1800	1600
	.50	3200	3000	3000	3000	2600	2500	2500	2400	1700	1300	1000	800
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1200	500	0	0
	.90	3600	3300	3300	3300	3200	3100	3000	3000	2600	2200	2100	1800
	.50	3200	3000	3000	3000	2500	2600	2500	2400	2000	1400	1100	800
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1400	500	100	0
	.90	4100	3900	3900	3900	3900	3800	3700	3400	3200	2800	2500	2300
	.50	3700	3200	3000	3000	2800	2700	2600	2600	2200	1700	1500	1300
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	200	0
6300	.90	3600	3300	3300	3300	3100	3000	3000	2900	2500	2100	1900	1700
	.50	3200	3000	3000	3000	2600	2600	2500	2400	2000	1300	1000	800
	.10	2700	2600	2600	2600	2100	1800	1800	1800	1500	600	100	0
	.90	3600	3300	3300	3300	3200	3200	3100	3000	2700	2300	2100	1900
	.50	3200	3000	3000	3000	2700	2600	2500	2500	2100	1400	1100	800
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	100	0
	.90	4100	3900	3900	3900	3900	3800	3700	3500	3200	2900	2600	2300
	.50	3700	3200	3000	3000	2800	2700	2600	2600	2200	1700	1500	1300
	.10	3200	2700	2600	2600	2100	2000	1900	1900	1700	800	200	0
6400	.90	3200	3000	3000	3000	3200	3000	3000	3000	2600	2200	2000	1700
	.50	2700	2600	2600	2600	2100	2000	2000	2000	1700	1400	1100	800
	.10	2200	2100	2100	2100	1600	1500	1500	1500	1300	400	100	0
	.90	3700	3500	3500	3500	3300	3200	3100	3100	2700	2400	2200	2000
	.50	3200	3000	3000	3000	2800	2600	2600	2500	2200	1500	1200	900
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	700	100	0
	.90	4100	3900	3900	3900	3900	3900	3800	3700	3300	3000	2700	2400
	.50	3700	3200	3000	3000	2900	2800	2700	2700	2300	1800	1600	1400
	.10	3200	2800	2600	2600	2400	2000	1900	1900	1700	800	200	0
6500	.90	4100	3600	3300	3300	3200	3100	3000	3000	2700	2200	2100	1800
	.50	3700	3200	3000	3000	2800	2600	2600	2500	2200	1400	1100	800
	.10	3200	3200	3000	3000	2800	2600	2600	2500	2200	1400	1100	800
	.90	4100	3600	3300	3300	3200	3100	3000	3000	2700	2200	2100	1800
	.50	3700	3200	3000	3000	2800	2600	2600	2500	2200	1400	1100	800
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0
	.90	4100	3600	3300	3300	3200	3100	3000	3000	2700	2200	2100	1800
	.50	3700	3200	3000	3000	2800	2600	2600	2500	2200	1500	1200	900
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0
	.90	4500	4500	4500	4500	4500	4400	3900	3900	3400	3100	2800	2500
	.50	3700	3600	3500	3500	3300	3200	3200	3100	2800	2500	2300	2100
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0
	.90	4500	4500	4500	4500	4500	4400	3900	3900	3400	3100	2800	2500
	.50	3700	3600	3500	3500	3300	3200	3200	3100	2800	2500	2300	2100
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0
	.90	4500	4500	4500	4500	4500	4400	3900	3900	3400	3100	2800	2500
	.50	3700	3600	3500	3500	3300	3200	3200	3100	2800	2500	2300	2100
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0
	.90	4500	4500	4500	4500	4500	4400	3900	3900	3400	3100	2800	2500
	.50	3700	3600	3500	3500	3300	3200	3200	3100	2800	2500	2300	2100
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH -- MARCH INCUBATION MONTH -- JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4100	3600	3300	3300	3200	3100	3100	3000	2700	2300	2100	1900
	.50	3700	3200	3000	3000	2800	2700	2600	2600	2200	1500	1100	900
	.10	3200	2700	2600	2600	2400	1900	1900	1800	1700	800	100	0
	.90	4100	3700	3600	3600	3300	3300	3200	3200	2900	2600	2300	2200
	.50	3700	3200	3000	3000	2900	2700	2600	2600	2200	1600	1300	1000
	.10	3200	2700	2600	2600	2400	2000	1900	1900	1700	800	200	0
	.90	4500	4500	4500	4500	4500	4500	4400	4400	3400	3200	3000	2700
	.50	3700	3600	3300	3100	3300	2900	2900	2800	2600	2200	1700	1600
	.10	3200	3100	2800	2700	2600	2100	2100	2000	1800	1000	300	100
6700	.90	4100	3700	3400	3300	3300	3200	3100	3100	2700	2300	2100	2000
	.50	3700	3300	3100	3000	2900	2700	2700	2600	2200	1500	1200	900
	.10	3200	2800	2700	2600	2400	2000	1900	1900	1700	800	100	0
	.90	4600	4600	4600	4600	4600	4500	4500	4500	3800	3300	3100	2800
	.50	3700	3700	3300	3200	3000	2900	2900	2900	2700	2200	1800	1600
	.10	3200	3200	2800	2700	2600	2200	2100	2000	1800	1100	300	100
6800	.90	4100	4000	3600	3300	3300	3200	3200	3100	2800	2400	2200	2000
	.50	3700	3600	3200	3000	3000	2800	2700	2600	2300	1600	1200	900
	.10	3200	3100	2700	2600	2500	2100	2000	1900	1700	900	200	0
	.90	4100	4000	3700	3700	3500	3300	3300	3300	3100	2700	2500	2300
	.50	3700	3600	3200	3000	3000	2800	2800	2700	2300	1700	1500	1200
	.10	3200	3100	2700	2600	2500	2100	2000	1900	1800	1000	200	0
	.90	4600	4600	4600	4600	4600	4600	4600	4500	3900	3300	3100	2900
	.50	3700	3700	3400	3300	3000	3000	2900	2900	2800	2300	2100	1700
	.10	3200	3200	2900	2800	2600	2300	2100	2100	1800	1100	300	200
6900	.90	4100	4000	3700	3400	3300	3200	3200	3200	2900	2500	2300	2100
	.50	3700	3600	3300	3100	3000	2800	2800	2700	2300	1600	1300	1000
	.10	3200	3100	2800	2700	2500	2100	2000	2000	1800	1000	200	0
	.90	4600	4600	4600	4600	4600	4600	4600	4500	3900	3300	3100	2900
	.50	3700	3700	3400	3300	3000	3000	2900	2900	2800	2300	2100	1700
	.10	3200	3100	2800	2700	2500	2100	2000	2000	1800	1000	200	0
	.90	4100	4000	3800	3700	3700	3400	3300	3300	3200	2700	2500	2300
	.50	3700	3600	3300	3100	3000	2900	2800	2700	2300	1700	1500	1200
	.10	3200	3100	2800	2700	2500	2100	2000	2000	1800	1100	200	0
	.90	5300	5300	5300	4700	4600	4600	4600	4600	4000	3400	3200	3000
	.50	4600	3700	3600	3400	3100	3000	3000	2900	2800	2500	2200	1700
	.10	4100	3200	2900	2800	2500	2400	2200	2100	1800	1200	400	200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING 2 EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000	.90	4100	4100	3700	3600	3300	3300	3200	3200	3000	2500	2300	2200
	.50	3700	3700	3300	3200	3000	2900	2800	2800	2400	1700	1400	1100
	.10	3200	3200	2800	2700	2600	2100	2100	2000	1800	1100	200	0
	.90	4100	4100	3800	3800	3700	3600	3400	3400	3200	2800	2600	2300
	.50	3700	3700	3300	3200	3000	2900	2900	2800	2400	1800	1600	1300
	.10	3200	3200	2800	2700	2600	2200	2100	2100	1800	1100	300	0
	.90	5300	5300	5300	5300	5300	4700	4700	4600	4500	3600	3300	3100
	.50	4600	3700	3600	3600	3500	3300	3100	3000	2900	2700	2200	1900
	.10	4100	3200	2900	2900	2700	2400	2300	2200	1800	1300	600	300

01.07.42LP, 3.925, , FBSM001, TH, 00

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH - APRIL INCUBATION MONTH - MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
1400	.90	500	500	400	300	200	100	0	0	0	0	0	0
	.50	200	200	100	0	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	600	600	500	400	200	100	100	0	0	0	0	0
	.50	300	300	100	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	800	700	700	600	500	300	200	100	0	0	0	0
	.50	400	400	400	300	100	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
1500	.90	600	600	500	400	200	100	100	0	0	0	0	0
	.50	300	300	100	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	700	700	600	500	300	200	100	100	0	0	0	0
	.50	400	400	300	200	0	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	900	800	700	700	500	300	200	200	0	0	0	0
	.50	500	400	400	400	200	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
1600	.90	700	700	600	500	300	200	100	100	0	0	0	0
	.50	400	400	300	200	0	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	900	800	700	700	500	300	200	200	0	0	0	0
	.50	500	400	400	400	200	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	700	700	600	600	400	200	200	100	0	0	0	0
	.50	400	400	400	300	100	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	900	900	800	700	500	300	200	200	0	0	0	0
	.50	500	500	400	400	300	200	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	800	700	700	600	400	200	200	100	0	0	0	0
	.50	400	400	400	300	100	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
1700	.90	800	700	700	600	500	300	200	200	0	0	0	0
	.50	400	400	400	300	200	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	900	900	800	700	500	300	200	200	0	0	0	0
	.50	500	500	400	400	300	200	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	800	700	700	600	400	200	200	100	0	0	0	0
	.50	400	400	400	300	100	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	900	900	800	700	500	300	200	200	0	0	0	0
	.50	500	500	400	400	300	200	0	0	0	0	0	0
	.10	300	300	200	200	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAY EFFECTIVE SPANNING 4UA -- STEELHEAD: INCUBATION MONTH -- MAY

SPAWNING Q	EXC.	INCUBATION MONTH -- MAY												
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
1800	.90	800	700	700	600	500	300	200	200	0	0	0	0	0
	.50	400	400	400	300	200	0	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0	0
	.90	900	800	700	700	500	500	200	200	0	0	0	0	0
	.50	500	500	400	400	300	100	0	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0	0
	.90	1100	1000	900	900	800	700	500	500	100	0	0	0	0
	.50	700	600	600	500	400	300	200	100	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0	0
1900	.90	900	800	700	700	600	500	200	200	0	0	0	0	0
	.50	500	500	400	400	300	100	0	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0	0
	.90	900	900	800	800	700	500	300	300	0	0	0	0	0
	.50	600	600	500	400	400	200	100	300	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0	0
	.90	1300	1100	1000	900	800	700	500	500	200	0	0	0	0
	.50	900	700	700	600	500	400	300	200	0	0	0	0	0
	.10	400	400	300	300	100	100	0	0	0	0	0	0	0
2000	.90	900	900	800	800	700	500	400	400	0	0	0	0	0
	.50	600	600	500	400	400	200	100	200	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0	0
	.90	1000	900	900	900	700	600	500	400	0	0	0	0	0
	.50	700	600	600	500	400	300	200	300	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0	0
	.90	1400	1100	1000	1000	900	800	700	600	300	0	0	0	0
	.50	900	700	700	700	500	400	300	300	0	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
2100	.90	1000	900	900	900	700	600	500	400	0	0	0	0	0
	.50	700	600	600	500	400	300	200	300	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	900	800	700	600	500	100	0	0	0	0
	.50	700	700	600	600	500	400	300	200	0	0	0	0	0
	.10	400	400	300	300	100	100	0	0	0	0	0	0	0
	.90	1400	1300	1100	1000	900	800	700	600	400	100	0	0	0
	.50	900	700	700	700	500	500	400	400	0	0	0	0	0
	.10	600	400	400	400	200	100	100	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS). PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - MAY

Q	SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
2200	.90	.90	1100	1000	1000	900	300	700	500	500	100	0	0	0
	.50	.50	700	700	600	600	500	400	300	200	0	0	0	0
	.10	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	.90	1300	1100	1000	1000	900	700	700	600	100	0	0	0
	.50	.50	900	700	700	700	500	400	400	200	0	0	0	0
	.10	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	.90	1400	1400	1200	1100	1000	900	800	800	500	100	0	0
	.50	.50	1000	900	700	700	500	500	500	400	0	0	0	0
	.10	.10	700	400	400	400	300	200	100	100	0	0	0	0
2300	.90	.90	1300	1100	1000	1000	900	700	700	600	100	0	0	0
	.50	.50	900	700	700	700	500	400	400	200	0	0	0	0
	.10	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	.90	1300	1100	1000	1000	900	800	700	700	200	0	0	0
	.50	.50	900	700	700	700	500	400	400	300	0	0	0	0
	.10	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	.90	1400	1400	1300	1200	1000	1000	900	800	600	200	0	0
	.50	.50	1000	1000	800	700	700	600	500	400	0	0	0	0
	.10	.10	700	700	400	400	300	200	100	100	0	0	0	0
2400	.90	.90	1300	1100	1000	1000	900	800	700	700	200	0	0	0
	.50	.50	900	700	700	700	500	500	400	300	0	0	0	0
	.10	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	.90	1300	1300	1100	1000	1000	800	800	700	200	0	0	0
	.50	.50	1000	900	700	700	500	500	400	400	0	0	0	0
	.10	.10	700	400	400	400	300	200	100	0	0	0	0	0
	.90	.90	1400	1400	1400	1300	1100	1000	1000	900	700	300	100	0
	.50	.50	1000	1000	900	800	700	700	500	500	200	0	0	0
	.10	.10	700	700	400	400	400	200	200	100	0	0	0	0
2500	.90	.90	1300	1300	1100	1000	1000	800	800	700	200	0	0	0
	.50	.50	1000	900	700	700	500	400	400	400	0	0	0	0
	.10	.10	700	400	400	400	300	200	100	0	0	0	0	0
	.90	.90	1300	1300	1100	1000	1000	900	800	700	200	0	0	0
	.50	.50	1000	1000	900	800	700	500	500	400	0	0	0	0
	.10	.10	700	400	400	400	300	200	100	0	0	0	0	0
	.90	.90	1300	1300	1100	1000	1000	900	800	700	400	0	0	0
	.50	.50	1000	900	700	700	500	500	400	400	0	0	0	0
	.10	.10	700	400	400	400	300	200	100	0	0	0	0	0
	.90	.90	1300	1300	1100	1000	1000	900	800	700	400	0	0	0
	.50	.50	1000	1000	900	800	700	500	500	400	0	0	0	0
	.10	.10	700	700	400	400	300	200	100	0	0	0	0	0
	.90	.90	1600	1600	1400	1400	1200	1100	1000	1000	700	400	100	0
	.50	.50	1000	1000	1000	800	700	700	600	500	200	0	0	0
	.10	.10	700	700	400	400	400	200	200	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning MUA - STEELHEAD: SPawning MONTH - APRIL INCUBATION MONTH - MAY

SPawning Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2600	.90	1300	1300	1100	1000	1000	900	800	700	300	0	0	0
	.50	1000	1000	700	700	700	500	500	400	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	1400	1300	1200	1100	1000	1000	900	800	500	0	0	0
	.50	1000	1000	900	700	700	600	500	500	100	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1800	1700	1600	1400	1300	1200	1000	1000	700	500	200	0
	.50	1200	1000	1000	900	800	700	700	600	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
2700	.90	1400	1300	1200	1100	1000	1000	900	800	500	0	0	0
	.50	1000	1000	900	700	700	600	500	500	100	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1400	1400	1300	1200	1000	1000	900	800	500	100	0	0
	.50	1000	1000	900	800	700	700	500	500	200	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
	.90	2000	1900	1800	1600	1400	1200	1100	1000	800	500	200	100
	.50	1200	1000	1000	1000	800	700	700	700	400	0	0	0
	.10	900	700	700	400	400	400	300	200	0	0	0	0
2800	.90	1400	1400	1300	1200	1000	1000	900	800	500	0	0	0
	.50	1000	1000	900	800	700	700	600	500	200	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
	.90	1500	1400	1300	1300	1100	1000	1000	900	600	100	0	0
	.50	1200	1000	1000	900	700	700	700	500	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	2100	2100	1900	1800	1400	1300	1200	1100	900	600	400	100
	.50	1600	1600	1000	1000	900	700	700	700	400	0	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0
2900	.90	1500	1400	1300	1300	1100	1000	1000	900	600	100	0	0
	.50	1200	1000	1000	900	700	700	700	500	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1500	1400	1300	1300	1200	1000	1000	1000	700	200	0	0
	.50	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1500	1400	1300	1300	1200	1000	1000	1000	700	200	0	0
	.50	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.10	900	700	700	400	400	400	200	200	0	0	0	0
	.90	2300	2200	2100	1900	1600	1400	1300	1200	900	700	500	200
	.50	1600	1600	1600	1000	1000	800	700	700	500	100	0	0
	.10	1200	1100	1100	700	400	400	400	300	100	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
3000	.90	1500	1400	1300	1300	1200	1000	1000	1000	700	100	0	0	
	.50	1200	1000	1000	1000	900	700	700	600	300	0	0	0	
	.10	900	700	700	400	400	400	200	200	0	0	0	0	
	.90	1600	1400	1400	1300	1200	1100	1000	1000	700	400	100	0	
	.50	1300	1000	1000	1000	800	700	700	700	400	0	0	0	
	.10	1000	700	700	400	400	400	300	200	0	0	0	0	
	.90	2300	2300	2100	2000	1800	1400	1300	1300	1000	700	500	300	0
	.50	1700	1600	1600	1600	1300	800	800	700	500	200	0	0	0
	.10	1200	1100	1100	1100	700	400	300	300	100	0	0	0	0
	.90	1600	1400	1400	1300	1200	1100	1000	1000	700	200	0	0	0
3100	.50	1300	1000	1000	1000	800	700	700	700	400	0	0	0	
	.10	1000	700	700	400	400	400	300	200	0	0	0	0	
	.90	1900	1900	1400	1400	1300	1100	1000	1000	800	500	100	0	
	.50	1600	1600	1000	1000	800	800	700	700	400	0	0	0	
	.10	1200	1100	700	700	400	400	300	200	0	0	0	0	
	.90	2400	2400	2200	2000	1900	1600	1400	1300	1000	800	600	400	0
	.50	1700	1700	1600	1600	1000	1000	800	700	500	200	0	0	0
	.10	1200	1200	1100	1100	700	400	400	400	100	0	0	0	0
	.90	1900	1900	1400	1400	1300	1100	1000	1000	700	400	0	0	0
	.50	1600	1600	1000	1000	800	800	700	700	400	0	0	0	0
3200	.10	1200	1100	700	700	400	400	300	200	0	0	0	0	
	.90	1900	1900	1900	1500	1300	1200	1100	1000	800	500	200	0	
	.50	1600	1600	1600	1200	1000	800	700	700	400	0	0	0	
	.10	1200	1200	1100	900	400	400	300	300	100	0	0	0	
	.90	2500	2500	2300	2100	1900	1600	1500	1400	1000	800	600	500	
	.50	1700	1700	1600	1600	1400	1000	900	800	500	300	0	0	
	.10	1200	1200	1100	1100	1000	400	400	400	100	0	0	0	
	.90	1900	1900	1900	1500	1300	1200	1100	1000	800	400	100	0	
	.50	1600	1600	1600	1200	1000	800	700	700	400	0	0	0	
	.10	1200	1100	1100	900	400	400	300	300	100	0	0	0	
3300	.90	2000	1900	1900	1900	1400	1300	1200	1100	900	600	300	100	
	.50	1700	1600	1600	1600	1000	900	800	700	500	100	0	0	
	.10	1200	1100	1100	1100	700	400	400	300	100	0	0	0	
	.90	2600	2500	2400	2200	2000	1800	1600	1500	1100	900	700	500	
	.50	2100	1700	1700	1700	1500	1000	1000	900	600	300	0	0	
	.10	1600	1200	1200	1200	1100	700	700	400	100	0	0	0	
	.90	2100	1700	1700	1700	1500	1000	1000	900	600	300	0	0	
	.50	1600	1200	1200	1200	1100	700	700	400	100	0	0	0	
	.10	1200	1200	1100	1100	1000	700	700	300	100	0	0	0	
	.90	2000	1900	1900	1900	1400	1300	1200	1100	900	600	300	100	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2000	1900	1900	1900	1400	1200	1100	1100	800	500	100	0
	.50	1700	1600	1600	1600	1300	900	800	700	500	0	0	0
	.10	1200	1100	1100	1100	700	400	400	300	100	0	0	0
	.90	2000	2000	1900	1900	1400	1300	1200	1100	900	600	400	100
	.50	1700	1700	1600	1600	1100	1000	800	700	500	100	0	0
3500	.10	1200	1200	1100	1100	300	400	400	400	100	0	0	0
	.90	2700	2600	2400	2400	2000	1900	1700	1500	1200	900	700	600
	.50	2200	2100	1700	1700	1500	1200	1000	1000	700	400	100	0
	.10	1700	1600	1200	1200	1100	800	600	400	200	0	0	0
	.90	2000	2000	1900	1900	1400	1300	1200	1100	900	500	200	0
3600	.50	1700	1700	1600	1600	1700	1400	1300	1200	1000	700	500	200
	.10	1200	1200	1100	1100	800	400	400	400	100	0	0	0
	.90	2000	2000	1900	1900	1700	1400	1300	1200	1000	700	500	200
	.50	1700	1700	1600	1600	1400	1000	600	400	300	200	0	0
	.10	1200	1200	1100	1100	1100	600	400	400	100	0	0	0
3700	.90	2700	2700	2500	2500	2000	1900	1700	1700	1300	1000	800	600
	.50	2200	2200	2100	1700	1700	1400	1100	1000	700	400	200	0
	.10	1700	1700	1600	1600	1200	1100	700	500	200	0	0	0
	.90	2000	2000	1900	1900	1700	1400	1300	1200	900	600	300	100
	.50	1700	1700	1600	1600	1400	1000	900	800	500	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - MAY

SPANNING Q EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3900	.90	2500	2400	2000	2000	1900	1600	1400	1300	1000	700	500	200
	.50	2200	2100	1700	1700	1500	1200	1000	1000	600	300	0	0
	.10	1700	1600	1200	1200	1100	900	700	400	200	0	0	0
	.90	2500	2500	2400	2000	2000	1800	1500	1400	1100	800	600	500
	.50	2200	2200	2100	1700	1700	1400	1100	1000	700	400	0	0
	.10	1700	1700	1500	1200	1200	1100	700	600	200	0	0	0
	.90	2900	2900	2700	2600	2400	2000	2000	1800	1500	1100	900	800
	.50	2200	2200	2200	2200	1700	1600	1400	1300	800	500	300	200
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
3900	.90	2500	2500	2400	2000	2000	1700	1400	1400	1000	800	500	300
	.50	2200	2200	2100	1700	1700	1400	1100	1000	700	300	0	0
	.10	1700	1700	1600	1200	1200	1100	700	600	200	0	0	0
	.90	2500	2500	2500	2100	2000	1900	1700	1600	1100	900	700	500
	.50	2200	2200	2200	1700	1700	1600	1300	1100	700	400	100	0
	.10	1700	1700	1700	1200	1200	1100	800	700	200	0	0	0
	.90	2900	2900	2700	2600	2500	2000	2000	1900	1600	1200	1000	800
	.50	2500	2200	2200	2200	1700	1700	1500	1400	900	500	400	200
	.10	2000	1700	1700	1700	1200	1200	1100	900	400	0	0	0
4000	.90	2500	2500	2500	2000	2000	1900	1700	1400	1100	800	600	400
	.50	2200	2200	2200	1700	1700	1600	1300	1100	700	400	200	0
	.10	1700	1700	1700	1200	1200	1100	800	700	200	0	0	0
	.90	2500	2500	2500	2400	2000	2000	1800	1700	1300	900	700	600
	.50	2200	2200	2200	2100	1700	1600	1400	1200	700	400	200	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
	.90	2900	2900	2800	2600	2500	2100	2000	1900	1700	1300	1100	900
	.50	2500	2200	2200	2200	1800	1700	1600	1400	1000	600	400	300
	.10	2000	1700	1700	1700	1300	1200	1100	1100	400	0	0	0
	.90	2500	2500	2500	2400	2000	1900	1700	1600	1100	900	600	500
	.50	2200	2200	2200	2100	1700	1600	1400	1200	700	400	100	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
4100	.90	2500	2500	2500	2500	2000	2000	1900	1700	1300	1000	800	600
	.50	2200	2200	2200	2100	1700	1600	1400	1200	700	400	200	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
	.90	2900	2900	2800	2600	2500	2100	2000	1900	1700	1300	1100	900
	.50	2500	2200	2200	2200	1800	1700	1600	1400	1000	600	400	300
	.10	2000	1700	1700	1700	1300	1200	1100	1100	400	0	0	0
	.90	2500	2500	2500	2400	2000	1900	1700	1600	1100	900	600	500
	.50	2200	2200	2200	2100	1700	1600	1400	1200	700	400	100	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
	.90	2900	2900	2800	2600	2500	2100	2000	1900	1700	1300	1000	800
	.50	2500	2300	2200	2200	2000	1700	1600	1500	1000	600	400	300
	.10	2000	1800	1700	1700	1700	1200	1200	1100	400	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2500	2500	2500	2500	2000	2000	1800	1700	1200	900	700	500
	.50	2200	2200	2200	2200	1700	1700	1500	1300	700	500	200	0
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	2800	2500	2500	2500	2200	2000	1900	1800	1400	1100	800	700
	.50	2500	2200	2200	2200	1700	1700	1500	1400	800	500	300	0
	.10	2000	1700	1700	1700	1200	1200	1100	1100	400	0	0	0
	.90	2900	2900	2800	2700	2600	2400	2100	2000	1700	1400	1200	1000
	.50	2500	2300	2300	2200	2100	1700	1700	1500	1100	700	500	400
	.10	2000	1800	1800	1700	1700	1200	1200	1100	600	100	0	0
4300	.90	2800	2500	2500	2500	2000	2000	1800	1700	1300	1000	700	500
	.50	2500	2200	2200	2200	1700	1700	1500	1400	800	500	200	0
	.10	2000	1700	1700	1700	1200	1200	1100	1100	400	0	0	0
	.90	2800	2500	2500	2500	2300	2000	2000	1800	1400	1100	900	700
	.50	2500	2200	2200	2200	2000	1700	1600	1400	900	500	300	100
	.10	2000	1700	1700	1700	1600	1200	1200	1100	400	0	0	0
	.90	2900	2900	2800	2700	2600	2500	2300	2100	1800	1500	1300	1100
	.50	2500	2500	2300	2300	2200	1700	1700	1600	1200	700	500	400
	.10	2000	2000	1800	1800	1700	1200	1200	1200	700	100	0	0
4400	.90	2800	2500	2500	2500	2300	2000	1900	1800	1300	1000	800	600
	.50	2500	2200	2200	2200	2000	1700	1500	1400	900	500	300	0
	.10	2000	1700	1700	1700	1600	1200	1200	1100	400	0	0	0
	.90	2800	2600	2500	2500	2400	2100	2000	1900	1600	1100	1000	800
	.50	2500	2300	2200	2200	2000	1700	1600	1500	1000	600	400	200
	.10	2000	1800	1700	1700	1700	1200	1200	1100	500	100	0	0
	.90	2900	2800	2700	2700	2700	2500	2300	2200	1800	1600	1300	1100
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	700	500	400
	.10	2000	2000	1800	1800	1700	1300	1200	1200	700	200	0	0
4500	.90	2800	2600	2500	2500	2300	2000	2000	1800	1400	1100	900	700
	.50	2500	2300	2200	2200	2000	1700	1600	1500	1000	500	300	0
	.10	2000	1800	1700	1700	1700	1200	1200	1100	500	100	0	0
	.90	2800	2600	2600	2600	2500	2200	2000	1800	1400	1100	900	700
	.50	2500	2300	2200	2200	2000	1700	1600	1500	1000	500	300	0
	.10	2000	1800	1700	1700	1700	1200	1200	1100	500	100	0	0
	.90	2800	2600	2600	2600	2500	2200	2000	2000	1600	1300	1000	800
	.50	2500	2300	2300	2200	2100	1700	1700	1500	1000	500	400	300
	.10	2000	1800	1800	1700	1700	1200	1200	1200	600	100	0	0
	.90	2800	2800	2800	2700	2700	2500	2400	2200	1800	1700	1400	1200
	.50	2500	2500	2300	2300	2200	2000	1700	1600	1300	800	600	400
	.10	2000	2000	1800	1800	1700	1600	1200	1200	700	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD:  
 SPANNING MONTH -- APRIL INCUBATION MONTH -- MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2800	2600	2600	2500	2400	2000	2000	1900	1500	1100	900	700
	.50	2500	2300	2300	2200	2100	1700	1700	1500	1000	500	400	100
	.10	2000	1800	1800	1700	1700	1200	1200	1200	600	100	0	0
	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	700	400	300
	.10	2000	2000	1800	1800	1700	1300	1200	1200	700	100	0	0
	.90	2900	2800	2800	2800	2700	2600	2500	2300	1800	1700	1500	1300
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1300	900	600	500
	.10	2100	2000	1800	1800	1700	1700	1200	1200	700	200	0	0
4700	.90	2800	2800	2600	2600	2500	2100	2000	2000	1600	1200	1000	800
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1100	600	400	200
	.10	2000	2000	1800	1800	1700	1300	1200	1200	700	100	0	0
	.90	2800	2800	2700	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	700	500	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	200	0	0
	.90	2900	2800	2800	2800	2800	2600	2500	2400	1900	1700	1500	1300
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	900	600	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	200	0	0
4800	.90	2800	2800	2600	2600	2500	2300	2000	2000	1700	1300	1000	800
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	700	400	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	100	0	0
	.90	2900	2800	2800	2800	2800	2600	2500	2400	1900	1700	1500	1300
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	900	600	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	200	0	0
4900	.90	2800	2800	2600	2600	2500	2300	2000	2000	1700	1300	1000	800
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	700	400	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	100	0	0
	.90	2900	2800	2800	2800	2800	2600	2500	2400	1900	1700	1600	1400
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	1000	700	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	300	0	0
4900	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	700	500	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	200	0	0
	.90	2900	2900	2800	2800	2800	2600	2600	2400	1900	1700	1600	1400
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	1000	700	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	300	0	0
4900	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	700	500	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	200	0	0
	.90	2900	2900	2800	2800	2800	2600	2600	2400	1900	1700	1600	1400
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	1000	700	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	300	0	0
4900	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	700	500	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	200	0	0
	.90	2900	2900	2800	2800	2800	2600	2600	2400	1900	1700	1600	1400
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	1000	700	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	300	0	0
4900	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	700	500	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	200	0	0
	.90	2900	2900	2800	2800	2800	2600	2600	2400	1900	1700	1600	1400
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	1000	700	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	300	0	0
4900	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	700	500	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	200	0	0
	.90	2900	2900	2800	2800	2800	2600	2600	2400	1900	1700	1600	1400
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	1000	700	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	300	0	0
4900	.90	2800	2800	2600	2600	2500	2300	2100	2000	1700	1300	1100	900
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	700	500	300
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	200	0	0
	.90	2900	2900	2800	2800	2800	2600	2600	2400	1900	1700	1600	1400
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1400	1000	700	500
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	300	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAY EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING ? EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5000	.90	2900	2800	2600	2600	2500	2400	2100	2000	1700	1300	1100	900
	.50	2600	2500	2300	2300	2200	2000	1700	1700	1300	700	500	300
	.10	2100	2000	1800	1800	1800	1700	1200	1200	800	200	0	0
	.90	3200	2900	2800	2700	2500	2400	2300	2100	1800	1500	1300	1100
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	600	400
	.10	2600	2100	1900	1800	1800	1700	1200	1200	800	200	0	0
	.90	3200	3200	3200	3100	2900	2800	2700	2600	2100	1800	1700	1500
	.50	2900	2900	2500	2300	2300	2100	2000	1800	1400	1100	800	600
	.10	2600	2600	2000	1800	1800	1700	1200	1200	800	300	100	0
5100	.90	3200	2900	2600	2600	2500	2400	2300	2100	1700	1400	1200	1000
	.50	2900	2600	2300	2300	2200	2100	1700	1700	1300	800	500	400
	.10	2600	2100	1900	1800	1900	1700	1200	1200	800	200	0	0
	.90	3300	3300	3200	3200	2900	2800	2800	2700	2300	1900	1700	1600
	.50	2900	2900	2500	2400	2300	2200	2100	2000	1500	1200	800	700
	.10	2600	2600	2100	1900	1300	1800	1700	1600	900	300	100	0
5200	.90	3200	2900	2700	2600	2600	2400	2300	2100	1800	1400	1200	1000
	.50	2900	2600	2400	2300	2200	2100	1800	1700	1300	800	500	400
	.10	2600	2100	1900	1800	1800	1700	1400	1200	800	200	0	0
	.90	3200	3200	2900	2800	2600	2500	2400	2300	1800	1600	1400	1200
	.50	2900	2900	2500	2300	2300	2100	2000	1700	1400	900	600	500
	.10	2600	2600	2000	1800	1300	1700	1700	1200	800	300	0	0
	.90	3300	3300	3300	3300	3200	2900	2800	2800	2400	2000	1800	1700
	.50	2900	2900	2600	2500	2300	2200	2100	2100	1500	1300	900	700
	.10	2600	2600	2100	2000	1800	1800	1700	1700	1000	400	100	0
5300	.90	3200	3200	2800	2700	2500	2500	2400	2300	1800	1500	1300	1100
	.50	2900	2900	2500	2300	2300	2100	2000	1700	1300	900	600	400
	.10	2600	2600	2000	1800	1800	1700	1700	1200	800	300	0	0
	.90	3200	3200	2900	2800	2600	2600	2400	2400	1800	1600	1400	1300
	.50	2900	2900	2500	2300	2300	2100	2000	1700	1300	900	600	500
	.10	2600	2600	2000	1800	1800	1700	1700	1200	800	300	0	0
	.90	3200	3200	2900	2800	2600	2600	2400	2400	1800	1600	1400	1300
	.50	2900	2900	2500	2300	2300	2100	2100	1700	1400	1000	700	500
	.10	2600	2600	2100	1800	1800	1800	1700	1300	800	300	0	0
	.90	3300	3300	3300	3300	3200	2900	2900	2900	2500	2000	1800	1700
	.50	2900	2900	2700	2600	2300	2300	2200	2100	1600	1300	1000	800
	.10	2600	2600	2100	1800	1800	1800	1700	1300	800	300	0	0
	.90	3300	3300	3300	3300	3200	2900	2900	2900	2500	2000	1800	1700
	.50	2900	2900	2700	2600	2300	2300	2200	2100	1600	1300	1000	800
	.10	2600	2600	2100	1800	1800	1800	1700	1300	800	300	0	0



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING 3 EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5800	.90	3200	3200	3200	2900	2300	2700	2500	2500	2000	1700	1500	1300
	.50	2900	2900	2900	2600	2400	2300	2300	2200	1500	1100	700	600
	.10	2600	2600	2600	2100	1300	1800	1800	1700	1100	400	100	0
	.90	3200	3200	3200	3100	2300	2800	2700	2700	2300	1800	1700	1500
	.50	2900	2900	2900	2700	2400	2300	2300	2200	1600	1200	900	700
	.10	2600	2600	2600	2200	1700	1800	1800	1800	1200	500	100	0
	.90	3500	3500	3500	3500	3400	3300	3200	3000	2800	2400	2100	1800
	.50	3200	2900	2900	2900	2500	2500	2400	2300	2000	1500	1300	1100
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1400	600	200	100
5900	.90	3200	3200	3200	3100	2300	2700	2700	2600	2200	1700	1500	1400
	.50	2900	2900	2900	2700	2400	2300	2300	2200	1600	1100	800	600
	.10	2600	2600	2600	2200	1900	1800	1800	1800	1200	500	100	0
	.90	3400	3200	3200	3100	2900	2800	2800	2700	2400	1900	1700	1600
	.50	3100	2900	2900	2700	2500	2400	2300	2300	1700	1300	900	700
	.10	2600	2600	2500	2400	1900	1800	1800	1800	1200	500	200	0
	.90	3500	3500	3500	3500	3400	3400	3300	3200	2900	2500	2200	1900
	.50	3200	2900	2900	2900	2600	2500	2500	2400	2100	1600	1400	1100
	.10	2700	2600	2600	2600	2100	1900	1900	1800	1600	600	300	100
6000	.90	3400	3200	3200	3100	2300	2800	2700	2700	2300	1700	1600	1400
	.50	2900	2900	2900	2700	2500	2400	2300	2300	1700	1200	800	700
	.10	2600	2600	2600	2400	1300	1800	1800	1800	1200	500	100	0
	.90	3500	3200	3200	3200	2900	2900	2800	2800	2400	1900	1800	1600
	.50	3200	2900	2900	2900	2500	2400	2400	2300	1700	1300	1000	700
	.10	2700	2600	2600	2600	2000	1900	1800	1800	1200	600	200	0
	.90	4000	3500	3500	3500	3500	3400	3300	3200	2900	2600	2300	2000
	.50	3700	2900	2900	2900	2500	2500	2500	2400	2100	1600	1400	1200
	.10	3200	2600	2600	2600	2100	2000	1900	1900	1700	700	300	100
6100	.90	3500	3200	3200	3200	2900	2800	2800	2700	2400	1800	1600	1500
	.50	3200	2900	2900	2900	2500	2400	2400	2300	1700	1200	900	700
	.10	2700	2600	2600	2600	2000	1900	1800	1800	1200	600	200	0
	.90	4000	3500	3500	3500	3500	3400	3300	3200	2900	2600	2300	2000
	.50	3700	2900	2900	2900	2500	2500	2500	2400	2100	1600	1400	1200
	.10	3200	2600	2600	2600	2100	2000	1900	1900	1700	700	300	100
	.90	3500	3200	3200	3200	2900	2800	2800	2700	2400	1800	1600	1500
	.50	3200	2900	2900	2900	2500	2400	2400	2300	1700	1200	900	700
	.10	2700	2600	2600	2600	2000	1900	1800	1800	1200	600	200	0
	.90	4000	3500	3500	3500	3500	3400	3300	3200	2900	2600	2300	2000
	.50	3700	2900	2900	2900	2500	2500	2500	2400	2100	1600	1400	1200
	.10	3200	2600	2600	2600	2100	1900	1900	1800	1700	700	300	100
	.90	4000	4000	4000	4000	3500	3500	3400	3300	3000	2700	2400	2100
	.50	3700	3200	2900	2900	2700	2600	2600	2500	2200	1700	1500	1300
	.10	3200	2700	2600	2600	2200	2000	1900	1900	1700	700	400	100

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- APRIL INCUBATION MONTH -- MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	3500	3200	3200	3200	2900	2900	2800	2700	2400	1800	1700	1500
	.50	3200	2900	2900	2900	2600	2500	2400	2300	1900	1300	1000	700
	.10	2700	2600	2600	2600	2100	1900	1900	1800	1400	600	200	0
	.90	3500	3300	3200	3200	3200	2900	2900	2900	2600	2200	1900	1700
	.50	3200	2900	2900	2900	2500	2500	2500	2400	2000	1400	1100	800
	.10	2700	2600	2600	2600	2100	1900	1900	1800	1600	600	200	0
	.90	4100	4100	4100	4100	4100	4000	3500	3500	3000	2800	2500	2300
	.50	3700	3200	2900	2900	2700	2700	2600	2600	2300	1900	1500	1300
	.10	3200	2700	2600	2600	2200	2000	2000	1900	1700	800	400	200
6300	.90	3500	3200	3200	3200	3000	2900	2800	2800	2400	1900	1700	1600
	.50	3200	2900	2900	2900	2600	2500	2500	2400	2000	1300	1000	700
	.10	2700	2600	2600	2600	2100	1900	1900	1800	1600	600	200	0
	.90	4000	3300	3300	3300	3200	3000	2900	2900	2700	2300	2000	1800
	.50	3700	2900	2900	2900	2700	2500	2500	2400	2100	1500	1200	900
	.10	3200	2600	2600	2600	2100	2000	1900	1900	1700	700	300	100
	.90	4100	4100	4100	4100	4100	4100	4000	4000	3200	2900	2600	2400
	.50	3700	3300	2900	2900	2800	2700	2700	2700	2400	2000	1600	1400
	.10	3200	2800	2600	2600	2400	2100	2000	2000	1800	800	500	300
	.90	4000	3200	3200	3200	3000	2900	2900	2800	2500	2000	1700	1600
	.50	3700	2900	2900	2900	2700	2500	2500	2400	2100	1400	1000	700
	.10	3200	2600	2500	2600	2100	2000	1900	1900	1700	700	200	0
	.90	4000	3500	3300	3300	3200	3200	3000	2900	2800	2400	2000	1800
	.50	3700	3200	2900	2900	2700	2600	2500	2500	2100	1500	1300	1000
	.10	3200	2700	2600	2600	2200	2000	1900	1900	1700	700	300	100
	.90	4200	4200	4200	4200	4200	4100	4100	4100	3400	2900	2700	2500
	.50	3700	3600	3200	2900	2800	2800	2800	2700	2600	2100	1700	1500
	.10	3200	3100	2700	2600	2400	2100	2100	2000	1800	1000	600	400
6500	.90	4000	3500	3200	3200	3100	3000	2900	2900	2600	2000	1800	1600
	.50	3700	3200	2900	2900	2700	2600	2500	2500	2100	1400	1100	800
	.10	3200	2700	2600	2600	2200	2000	1900	1900	1700	700	300	100
	.90	4000	3500	3400	3300	3300	3200	3000	3000	2800	2400	2100	1900
	.50	3700	3200	2900	2900	2800	2600	2600	2500	2200	1600	1300	1100
	.10	3200	2700	2600	2600	2400	2100	2000	1900	1700	800	400	100
	.90	4200	4200	4200	4200	4200	4200	4200	4100	3500	3000	2800	2600
	.50	3700	3600	3300	3000	2900	2800	2800	2800	2700	2200	1800	1600
	.10	3200	3100	2600	2600	2400	2100	2000	1900	1700	700	300	100
	.90	4000	3500	3400	3300	3300	3200	3000	3000	2800	2400	2100	1900
	.50	3700	3200	2900	2900	2800	2600	2600	2500	2200	1600	1300	1100
	.10	3200	2700	2600	2600	2400	2100	2000	1900	1700	800	400	100
	.90	4200	4200	4200	4200	4200	4200	4200	4100	3500	3000	2800	2600
	.50	3700	3600	3300	3000	2900	2800	2800	2800	2700	2200	1800	1600
	.10	3200	3100	2600	2600	2400	2100	2000	1900	1700	700	300	100

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING QUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6500	.90	4000	3500	3200	3200	3200	3000	3000	2900	2700	2200	1800	1700
	.50	3700	3200	2900	2900	2800	2600	2600	2500	2200	1400	1100	800
	.10	3200	2700	2600	2600	2400	2100	2000	1900	1700	800	300	100
	.90	4000	3600	3400	3400	3300	3200	3200	3000	2900	2500	2200	1900
	.50	3700	3300	3000	2900	2300	2700	2600	2500	2200	1600	1400	1100
	.10	3200	2800	2700	2600	2400	2100	2000	2000	1800	800	400	100
	.90	4900	4900	4900	4300	4200	4200	4200	4200	3600	3100	2900	2700
	.50	3700	3700	3500	3300	2900	2800	2800	2800	2700	2300	2000	1600
	.10	3200	3200	2900	2700	2600	2300	2200	2100	1800	1100	800	500
6700	.90	4000	3600	3300	3200	3200	3100	3000	2900	2700	2300	1900	1800
	.50	3700	3300	3000	2900	2800	2700	2600	2500	2200	1500	1200	900
	.10	3200	2800	2700	2600	2400	2100	2000	2000	1800	800	400	100
	.90	4000	3900	3500	3400	3400	3300	3200	3100	2900	2600	2300	1900
	.50	3700	3600	3200	2900	2900	2700	2700	2600	2300	1600	1400	1200
	.10	3200	3100	2700	2600	2600	2200	2100	2000	1800	1000	400	200
6800	.90	4900	4900	4900	4900	4300	4300	4300	4200	4100	3300	3000	2800
	.50	3700	3700	3500	3500	3500	3000	2900	2900	2800	2500	2100	1700
	.10	3200	3200	2900	2800	2500	2400	2200	2200	1800	1300	800	600
	.90	4000	3900	3500	3300	3200	3200	3100	3000	2800	2400	2000	1800
	.50	3700	3600	3200	2900	2900	2700	2700	2600	2300	1500	1300	1000
	.10	3200	3100	2700	2600	2600	2200	2100	2000	1800	1000	400	100
	.90	4000	3900	3600	3500	3400	3300	3200	3200	2900	2600	2400	2000
	.50	3700	3600	3300	3000	2900	2800	2700	2600	2300	1700	1500	1200
	.10	3200	3100	2800	2700	2500	2200	2100	2100	1800	1100	400	200
	.90	4900	4900	4900	4900	4300	4300	4300	4300	4200	3500	3100	2900
	.50	4600	3700	3500	3500	3500	3500	3300	3000	2800	2700	2200	1900
6900	.90	4100	3200	2900	2800	2700	2400	2300	2200	1900	1500	900	700
	.50	3700	3200	2900	2800	2600	2400	2300	2200	1900	1400	900	700
	.10	3200	2900	2600	2600	2300	2100	2000	2000	1800	1100	400	200
	.90	4000	3900	3600	3300	3200	3200	2700	2600	2300	1600	1400	1100
	.50	3700	3600	3300	3000	2900	2800	2700	2600	2300	1600	1400	1100
	.10	3200	3100	2800	2700	2500	2200	2100	2100	1800	1100	400	100
	.90	4000	4000	3600	3500	3400	3400	3300	3200	3000	2700	2400	2100
	.50	3700	3700	3300	3200	2900	2800	2800	2700	2300	1900	1500	1300
	.10	3200	3200	2800	2700	2500	2300	2200	2100	1800	1100	500	200
	.90	5000	5000	5000	5000	4900	4900	4900	4300	4200	3600	3200	3000
	.50	4600	3700	3600	3600	3500	3500	3500	3400	2900	2700	2400	2100
	.10	4100	3200	2900	2900	2700	2500	2400	2300	1900	1500	900	800

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
7000	.90	4000	4000	3600	3500	3300	3200	3200	3200	2900	2500	2300	2000
	.50	3700	3700	3300	3200	2900	2800	2800	2700	2300	1700	1400	1100
	.10	3200	3200	2800	2700	2600	2300	2200	2100	1800	1100	400	200
	.90	4000	4000	3700	3600	3500	3400	3300	3300	3000	2700	2500	2300
	.50	3700	3700	3400	3300	3000	2900	2800	2700	2400	2000	1500	1300
	.10	3200	3200	2900	2800	2500	2400	2300	2200	1800	1100	500	200
	.90	5000	5000	5000	5000	5000	4900	4900	4900	4300	4000	3300	3100
	.50	4600	3800	3600	3600	3500	3600	3500	3500	2900	2800	2600	2200
	.10	4100	3300	3100	2900	2700	2600	2500	2400	1900	1600	1000	800



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING #JUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - JUNE

SPANNING Q	INCUBATION EXC.	INCUBATION MONTH - JUNE												
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
1800	.90	600	600	600	500	400	200	100	0	0	0	0	0	0
	.50	200	200	200	100	0	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0	0
	.90	700	600	600	600	500	300	100	100	0	0	0	0	0
	.50	300	300	200	200	100	0	0	0	0	0	0	0	0
1900	.10	0	0	0	0	0	0	0	0	0	0	0	0	0
	.90	900	800	800	700	500	500	400	300	0	0	0	0	0
	.50	500	400	400	300	200	100	0	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0	0
	.90	700	700	600	600	500	300	100	100	0	0	0	0	0
2000	.50	300	300	200	200	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0	0
	.90	800	800	700	600	500	400	300	100	0	0	0	0	0
	.50	400	400	300	200	200	0	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0	0
2100	.90	1100	900	900	800	700	600	500	400	0	0	0	0	0
	.50	500	500	400	400	200	200	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0	0
	.90	900	900	900	900	700	600	600	500	0	0	0	0	0
	.50	500	500	500	400	300	200	100	0	0	0	0	0	0
2200	.10	200	200	200	100	0	0	0	0	0	0	0	0	0
	.90	900	800	800	700	500	500	400	200	0	0	0	0	0
	.50	500	400	400	300	200	100	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
2300	.50	500	500	500	400	300	200	100	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0	0
	.90	900	800	800	700	500	500	400	200	0	0	0	0	0
	.50	500	400	400	300	200	100	0	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0	0
2400	.90	900	900	800	800	700	600	500	400	0	0	0	0	0
	.50	500	500	400	400	300	200	100	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
	.50	700	500	500	500	300	200	100	0	0	0	0	0	0
2500	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
	.90	900	900	800	800	700	600	500	400	0	0	0	0	0
	.50	500	500	400	400	300	200	100	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
2600	.50	700	500	500	500	300	200	100	0	0	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
	.90	900	900	800	800	700	600	500	400	0	0	0	0	0
	.50	500	500	400	400	300	200	100	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0	0
2700	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
	.50	700	500	500	500	300	200	100	0	0	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
	.50	700	500	500	500	300	200	100	0	0	0	0	0	0
2800	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
	.50	700	500	500	500	300	200	100	0	0	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
2900	.50	700	500	500	500	300	200	100	0	0	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
	.50	700	500	500	500	300	200	100	0	0	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
3000	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
	.50	700	500	500	500	300	200	100	0	0	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0	0
	.90	1100	900	900	900	700	600	600	500	0	0	0	0	0
	.50	700	500	500	500	300	200	100	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL

SPAWNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
2200	.90	900	800	800	700	500	500	400	0	0	0	0
	.50	500	400	400	200	200	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0
	.90	1100	900	900	700	600	500	400	0	0	0	0
	.50	500	500	400	300	200	100	0	0	0	0	0
	.10	200	200	100	0	0	0	0	0	0	0	0
	.90	1200	900	900	900	700	700	600	100	0	0	0
	.50	800	500	500	400	300	200	200	0	0	0	0
	.10	500	200	200	100	0	0	0	0	0	0	0
2300	.90	1100	900	900	700	600	600	400	0	0	0	0
	.50	500	500	400	300	200	100	0	0	0	0	0
	.10	200	200	100	0	0	0	0	0	0	0	0
	.90	1100	900	900	800	700	600	500	0	0	0	0
	.50	700	500	500	300	200	200	100	0	0	0	0
	.10	400	200	200	0	0	0	0	0	0	0	0
	.90	1200	1000	900	900	800	700	600	300	0	0	0
	.50	800	500	500	500	300	200	200	0	0	0	0
	.10	500	200	200	100	0	0	0	0	0	0	0
	.90	1100	900	900	800	700	600	500	0	0	0	0
	.50	700	500	500	300	200	200	100	0	0	0	0
	.10	400	200	200	0	0	0	0	0	0	0	0
	.90	1200	1000	1000	900	800	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	100	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1100	1000	900	900	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1100	900	800	700	600	600	100	0	0	0
	.50	800	500	500	400	300	200	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1100	900	800	700	600	600	100	0	0	0
	.50	800	500	500	400	300	200	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1200	1000	900	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1200	1000	900	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1200	1000	900	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1200	1000	900	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1200	1000	900	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1200	1000	900	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1200	1000	900	800	700	400	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2500	.90	1200	1200	900	900	900	700	700	600	100	0	0	0
	.50	800	800	500	500	400	300	200	200	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
	.90	1200	1200	1100	900	900	800	700	700	300	0	0	0
	.50	800	800	500	500	500	300	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1400	1200	1200	1100	1000	900	900	800	600	100	0	0
	.50	1000	800	700	600	500	500	400	300	0	0	0	0
	.10	700	500	400	200	200	100	0	0	0	0	0	0
2700	.90	1200	1200	1100	900	900	800	700	700	300	0	0	0
	.50	800	800	500	500	500	300	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1200	1200	1100	1000	900	900	800	700	400	0	0	0
	.50	800	800	600	500	500	400	300	300	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	900	900	600	200	0	0
	.50	1000	800	800	600	500	500	400	300	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
2800	.90	1200	1200	1100	1000	900	900	800	700	400	0	0	0
	.50	800	800	600	500	500	400	300	300	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	900	900	600	200	0	0
	.50	1000	800	800	600	500	500	400	300	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	1200	1200	1100	1000	900	900	800	700	400	0	0	0
	.50	800	800	600	500	500	400	300	300	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1400	1200	1200	1100	900	900	900	700	500	0	0	0
	.50	1000	800	700	500	500	400	400	300	0	0	0	0
	.10	700	500	400	200	200	100	0	0	0	0	0	0
	.90	1800	1800	1300	1200	1200	1000	900	900	700	300	0	0
	.50	1300	1300	800	800	500	500	500	400	100	0	0	0
	.10	900	900	500	500	200	200	100	0	0	0	0	0
	.90	1400	1200	1200	1100	900	900	900	700	500	0	0	0
	.50	1000	800	700	500	500	400	400	300	0	0	0	0
	.10	700	500	400	200	200	100	0	0	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	900	800	600	0	0	0
	.50	1000	800	800	600	500	500	400	300	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	1800	1800	1400	1400	1200	1000	1000	900	700	400	100	0
	.50	1300	1300	800	800	500	500	500	400	200	0	0	0
	.10	1000	900	900	500	200	200	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
3000	.90	1400	1200	1200	1200	1300	900	900	800	500	0	0	0
	.50	1000	800	800	600	500	500	400	300	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	1500	1200	1200	1200	1300	900	900	900	600	100	0	0
	.50	1100	800	800	600	500	500	400	400	100	0	0	0
	.10	800	500	500	200	200	200	100	0	0	0	0	0
	.90	1900	1800	1800	1800	1200	1100	1000	1000	700	500	200	0
	.50	1400	1300	1300	1300	800	500	500	500	200	0	0	0
	.10	1000	900	900	900	500	200	200	100	0	0	0	0
3100	.90	1500	1200	1200	1200	1300	900	900	900	600	100	0	0
	.50	1100	800	800	600	500	500	400	400	100	0	0	0
	.10	800	500	500	200	200	200	100	0	0	0	0	0
	.90	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.50	1300	800	800	800	500	500	500	400	200	0	0	0
	.10	1000	900	900	500	200	200	100	0	0	0	0	0
	.90	1900	1800	1800	1800	1500	1200	1100	1000	800	500	200	0
	.50	1400	1400	1300	1300	900	600	500	500	200	0	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
3200	.90	1800	1800	1200	1200	1100	1000	900	900	600	100	0	0
	.50	1300	800	800	800	500	500	500	400	200	0	0	0
	.10	1000	900	900	500	200	200	100	0	0	0	0	0
	.90	1900	1800	1800	1400	1200	1000	900	900	700	200	0	0
	.50	1300	1300	1300	1000	500	500	500	400	200	0	0	0
	.10	1000	900	900	700	200	200	100	100	0	0	0	0
	.90	1900	1800	1800	1800	1600	1200	1100	1000	900	600	300	100
	.50	1400	1400	1300	1300	1200	600	500	500	300	0	0	0
	.10	1000	1000	900	900	800	200	200	200	0	0	0	0
3300	.90	1800	1800	1800	1400	1200	1000	900	900	600	200	0	0
	.50	1300	1300	1300	1000	600	500	500	400	200	0	0	0
	.10	1000	900	900	700	200	200	100	100	0	0	0	0
	.90	1900	1800	1800	1800	1200	1100	1000	900	700	300	0	0
	.50	1400	1300	1300	1300	800	500	500	500	200	0	0	0
	.10	1000	900	900	700	200	200	100	100	0	0	0	0
	.90	1900	1800	1800	1800	1200	1100	1000	900	700	300	0	0
	.50	1400	1300	1300	1300	800	500	500	500	200	0	0	0
	.10	1000	900	900	900	500	200	200	100	0	0	0	0
	.90	2300	1900	1900	1900	1800	1300	1200	1100	900	600	300	200
	.50	1800	1400	1400	1400	1300	800	600	500	300	0	0	0
	.10	1400	1000	1000	1000	900	500	200	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING MUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JUNE

SPAWNING MONTH - APRIL	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3400	.90	1900	1800	1800	1800	1200	1100	1000	900	700	300	0	0
	.50	1400	1300	1300	1300	800	500	500	500	200	0	0	0
	.10	1000	900	900	900	500	200	200	100	0	0	0	0
	.90	1900	1900	1800	1800	1300	1200	1000	1000	700	400	100	0
	.50	1400	1400	1300	1300	900	600	500	500	200	0	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
	.90	2400	2300	1900	1900	1800	1500	1300	1200	900	700	400	200
	.50	1900	1800	1400	1400	1300	900	800	600	300	0	0	0
	.10	1500	1400	1000	1000	600	300	300	200	0	0	0	0
3500	.90	1900	1900	1800	1800	1300	1200	1000	900	700	300	0	0
	.50	1400	1400	1300	1300	900	600	500	500	200	0	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
	.90	1900	1900	1800	1800	1500	1200	1100	1000	700	500	200	0
	.50	1400	1400	1300	1300	1200	700	500	500	300	0	0	0
	.10	1000	1000	900	900	900	400	200	200	0	0	0	0
	.90	2400	2400	2300	1900	1900	1700	1400	1200	900	700	500	300
	.50	1900	1900	1800	1400	1400	1200	800	700	300	0	0	0
	.10	1500	1500	1400	1000	1000	900	500	300	0	0	0	0
3600	.90	1900	1900	1800	1800	1600	1200	1100	1000	700	400	100	0
	.50	1400	1400	1300	1300	1200	700	500	500	300	0	0	0
	.10	1000	1000	900	900	900	400	200	200	0	0	0	0
	.90	2300	1900	1900	1900	1900	1200	1200	1100	800	500	200	0
	.50	1800	1400	1400	1400	1300	800	600	500	300	0	0	0
	.10	1400	1000	1000	1000	900	500	200	200	0	0	0	0
	.90	2400	2400	2400	1900	1900	1800	1600	1400	1000	800	600	300
	.50	1900	1900	1900	1400	1400	1300	900	800	400	100	0	0
	.10	1500	1500	1500	1000	1000	900	500	400	0	0	0	0
3700	.90	2300	1900	1900	1900	1800	1200	1200	1000	800	500	100	0
	.50	1800	1400	1400	1400	1300	800	600	500	300	0	0	0
	.10	1400	1000	1000	1000	900	500	200	200	0	0	0	0
	.90	2400	2300	1900	1900	1800	1400	1200	1000	900	600	300	100
	.50	1900	1800	1400	1400	1300	1000	800	600	300	0	0	0
	.10	1500	1400	1000	1000	900	700	500	200	0	0	0	0
	.90	2400	2400	2400	1900	1900	1800	1700	1500	1000	800	700	400
	.50	1900	1900	1900	1800	1400	1300	1200	900	400	100	0	0
	.10	1500	1500	1500	1400	1000	900	900	500	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING MUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2400	2300	1900	1900	1300	1400	1200	1200	900	500	200	0
	.50	1900	1800	1400	1400	1300	1000	900	600	300	0	0	0
	.10	1500	1400	1000	1000	900	700	500	200	0	0	0	0
	.90	2400	2400	2300	1900	1900	1600	1300	1200	900	600	300	100
	.50	1900	1900	1800	1400	1400	1200	900	800	300	0	0	0
	.10	1500	1500	1400	1000	1000	900	500	300	0	0	0	0
	.90	2400	2400	2400	2400	1900	1900	1800	1600	1100	900	700	500
	.50	1900	1900	1900	1900	1400	1300	1200	900	500	100	0	0
	.10	1500	1500	1500	1000	1000	1000	900	600	100	0	0	0
3900	.90	2400	2400	2300	1900	1900	1600	1300	1200	900	600	200	0
	.50	1900	1900	1800	1400	1400	1200	900	800	300	0	0	0
	.10	1500	1500	1400	1000	1000	900	500	300	0	0	0	0
	.90	2400	2400	2400	1900	1900	1800	1500	1300	900	700	400	200
	.50	1900	1900	1900	1400	1400	1300	900	800	400	100	0	0
	.10	1500	1500	1500	1000	1000	900	600	500	0	0	0	0
	.90	2700	2400	2400	2400	2000	1900	1800	1700	1200	900	800	600
	.50	2200	1900	1900	1900	1400	1400	1300	1000	500	200	0	0
	.10	1800	1500	1500	1500	1000	1000	900	700	100	0	0	0
4000	.90	2400	2400	2400	1900	1900	1800	1500	1300	900	600	300	100
	.50	1900	1900	1900	1400	1400	1300	900	800	400	100	0	0
	.10	1500	1500	1500	1000	1000	900	600	500	0	0	0	0
	.90	2400	2400	2400	2300	1900	1800	1600	1400	1000	700	500	200
	.50	1900	1900	1900	1800	1400	1300	1200	900	400	100	0	0
	.10	1500	1500	1500	1400	1000	900	900	500	0	0	0	0
	.90	2700	2400	2400	2400	2100	1900	1800	1700	1200	900	800	600
	.50	2200	1900	1900	1900	1500	1400	1300	1200	600	200	0	0
	.10	1800	1500	1500	1500	1100	1000	900	900	200	0	0	0
4100	.90	2400	2400	2400	2300	1900	1800	1600	1400	900	700	400	200
	.50	1900	1900	1900	1800	1400	1300	1200	900	400	100	0	0
	.10	1500	1500	1500	1400	1000	900	900	500	0	0	0	0
	.90	2700	2400	2400	2400	2100	1900	1800	1700	1200	900	800	600
	.50	2200	1900	1900	1900	1500	1400	1300	1200	600	200	0	0
	.10	1800	1500	1500	1500	1100	1000	900	900	200	0	0	0
	.90	2400	2400	2400	2400	1900	1800	1600	1400	900	700	400	200
	.50	1900	1900	1900	1800	1400	1300	1200	900	400	100	0	0
	.10	1500	1500	1500	1400	1000	900	900	500	0	0	0	0
	.90	2400	2400	2400	2400	1900	1900	1700	1500	1000	800	600	300
	.50	1900	1900	1900	1900	1400	1400	1300	1000	500	100	0	0
	.10	1500	1500	1500	1500	1000	1000	900	600	100	0	0	0
	.90	2700	2500	2400	2400	2200	1900	1900	1800	1300	1000	900	700
	.50	2200	2000	1900	1900	1800	1400	1300	1300	600	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	200	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2400	2400	2400	2400	1900	1900	1700	1500	1000	700	500	200
	.50	1900	1900	1900	1900	1400	1400	1300	1000	500	100	0	0
	.10	1500	1500	1500	1500	1000	1000	900	600	100	0	0	0
	.90	2700	2400	2400	2400	1900	1900	1700	1600	1100	800	600	400
	.50	2200	1900	1900	1900	1400	1400	1300	1200	500	100	0	0
	.10	1800	1500	1500	1500	1000	1000	900	900	100	0	0	0
	.90	2700	2500	2500	2400	2300	1900	1900	1800	1400	1000	900	700
	.50	2200	2000	2000	1900	1800	1400	1400	1300	800	300	0	0
	.10	1800	1600	1600	1500	1500	1000	1000	900	300	0	0	0
4300	.90	2700	2400	2400	2400	1900	1900	1700	1600	1000	700	500	200
	.50	2200	1900	1900	1900	1400	1400	1300	1200	500	100	0	0
	.10	1800	1500	1500	1500	1000	1000	900	900	100	0	0	0
	.90	2700	2400	2400	2400	2200	1900	1800	1600	1200	900	700	400
	.50	2200	1900	1900	1900	1800	1400	1300	1200	600	200	0	0
	.10	1800	1500	1500	1500	1400	1000	1000	900	200	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1900	1500	1100	900	800
	.50	2200	2200	2000	2000	1900	1400	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1000	1000	1000	400	0	0	0
4400	.90	2700	2400	2400	2400	2200	1900	1800	1600	1100	800	600	300
	.50	2200	1900	1900	1900	1800	1400	1300	1200	600	200	0	0
	.10	1800	1500	1500	1500	1400	1000	1000	900	200	0	0	0
	.90	2700	2500	2400	2400	2200	1900	1800	1700	1200	900	700	500
	.50	2200	2000	1900	1900	1800	1400	1300	1300	700	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	300	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1900	1600	1100	1000	900
	.50	2200	2200	2000	2000	1900	1500	1400	1300	800	300	100	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	500	0	0	0
4500	.90	2700	2500	2400	2400	2200	1900	1800	1700	1200	800	600	400
	.50	2200	2000	1900	1900	1800	1400	1300	1300	700	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	300	0	0	0
	.90	2700	2500	2500	2400	2300	1900	1900	1800	1300	900	800	600
	.50	2200	2000	2000	1900	1800	1400	1400	1300	800	300	0	0
	.10	1800	1600	1600	1500	1500	1000	1000	1000	400	0	0	0
	.90	2700	2500	2500	2500	2400	2200	2000	1900	1600	1100	1000	900
	.50	2200	2200	2000	2000	1900	1800	1400	1300	900	400	100	0
	.10	1800	1600	1600	1500	1500	1000	1000	1000	400	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4500	.90	2700	2500	2500	2400	2300	1900	1900	1700	1200	900	700	500
	.50	2200	2000	2000	1900	1800	1400	1400	1300	800	300	0	0
	.10	1800	1600	1600	1500	1500	1000	1000	1000	400	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	1000	800	600
	.50	2200	2200	2000	2000	1900	1500	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	400	0	0	0
	.90	2800	2700	2500	2500	2400	2200	2000	1900	1600	1200	1000	900
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
4700	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	900	700	500
	.50	2200	2200	2000	2000	1900	1500	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	400	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1900	1500	1000	900	700
	.50	2200	2200	2000	2000	1900	1500	1400	1300	900	300	100	0
	.10	1800	1800	1600	1600	1500	1200	1000	1000	500	0	0	0
	.90	2800	2700	2500	2500	2400	2200	2000	2000	1600	1200	1100	1000
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
4800	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	1000	800	600
	.50	2200	2200	2000	2000	1900	1500	1400	1300	900	300	0	0
	.10	1800	1800	1600	1600	1500	1200	1000	1000	500	0	0	0
	.90	2700	2700	2500	2500	2400	2200	2000	1900	1500	1100	900	700
	.50	2200	2200	2000	2000	1900	1800	1400	1300	900	300	100	0
	.10	1800	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	3100	2800	2500	2500	2400	2300	2100	2000	1700	1300	1100	1000
	.50	2700	2300	2000	2000	1900	1900	1500	1400	900	500	200	0
	.10	2400	1900	1600	1600	1600	1500	1100	1000	500	0	0	0
4900	.90	2700	2700	2500	2500	2400	2200	1900	1900	1500	1000	800	600
	.50	2200	2200	2000	2000	1900	1800	1400	1300	900	300	100	0
	.10	1800	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	2700	2700	2500	2500	2400	2200	1900	1900	1500	1000	800	600
	.50	2200	2200	2000	2000	1900	1800	1400	1300	900	300	100	0
	.10	1800	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	2800	2700	2500	2500	2400	2200	2000	1900	1600	1100	900	800
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	3100	3000	2700	2500	2400	2300	2200	2000	1800	1300	1100	1000
	.50	2700	2400	2200	2000	1900	1900	1700	1400	1000	500	200	0
	.10	2400	1900	1600	1600	1600	1500	1000	1000	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JUNE

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5000	.90	2800	2700	2500	2500	2400	2200	1900	1900	1500	1100	900	700
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	3100	2800	2500	2500	2400	2300	2000	1900	1600	1100	1000	800
	.50	2700	2300	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	2400	1900	1600	1600	1600	1500	1000	1000	500	0	0	0
	.90	3100	3100	2500	2500	2500	2400	2100	2100	1900	1400	1200	1100
	.50	2700	2700	2000	2000	2000	1900	1800	1400	1000	500	300	0
	.10	2400	2400	1600	1600	1600	1500	1000	1000	600	0	0	0
5100	.90	3100	2800	2500	2500	2400	2300	2000	1900	1600	1100	900	700
	.50	2700	2300	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	2400	1900	1600	1600	1600	1500	1000	1000	500	0	0	0
	.90	3100	2800	2500	2500	2400	2300	2100	1900	1600	1200	1000	900
	.50	2700	2300	2100	2000	1900	1900	1500	1400	1000	500	100	0
	.10	2400	1900	1700	1600	1500	1500	1200	1000	500	0	0	0
	.90	3100	3100	2800	2600	2500	2400	2400	2300	1900	1500	1200	1100
	.50	2700	2700	2300	2100	2000	1900	1800	1800	1000	600	300	100
	.10	2400	2400	1700	1700	1600	1600	1500	1300	700	0	0	0
5200	.90	3100	2800	2600	2500	2400	2300	2000	1900	1600	1100	900	800
	.50	2700	2300	2100	2000	1900	1900	1500	1400	1000	400	100	0
	.10	2400	1900	1700	1600	1500	1500	1200	1000	500	0	0	0
	.90	3100	3100	2700	2500	2500	2300	2200	2000	1600	1200	1000	900
	.50	2700	2700	2200	2000	2000	1900	1800	1400	1000	500	200	0
	.10	2400	2400	1800	1600	1500	1500	1500	1000	600	0	0	0
	.90	3100	3100	2800	2700	2500	2500	2400	2300	2000	1600	1300	1100
	.50	2700	2700	2300	2200	2000	1900	1900	1800	1100	600	300	100
	.10	2400	2400	1900	1800	1600	1600	1500	1400	800	100	0	0
5300	.90	3100	3100	2700	2500	2500	2300	2200	1900	1600	1200	1000	800
	.50	2700	2700	2200	2000	2000	1900	1800	1400	1000	500	100	0
	.10	2400	2400	1800	1600	1500	1500	1500	1000	600	0	0	0
	.90	3100	3100	2800	2500	2500	2300	2300	2100	1700	1200	1000	900
	.50	2700	2700	2300	2000	2000	1900	1800	1500	1000	500	200	0
	.10	2400	2400	1900	1600	1600	1600	1500	1100	600	0	0	0
	.90	3100	3100	2800	2500	2500	2300	2300	2100	1700	1200	1000	900
	.50	2700	2700	2300	2000	2000	1900	1800	1500	1000	500	200	0
	.10	2400	2400	1900	1600	1600	1600	1500	1100	600	0	0	0
	.90	3100	3100	2800	2500	2500	2300	2500	2400	2000	1700	1400	1200
	.50	2700	2700	2300	2000	2000	1900	1800	1500	1000	500	200	0
	.10	2400	2400	1900	1600	1600	1600	1500	1100	600	0	0	0
	.90	3100	3100	2800	2500	2500	2300	2500	2400	2000	1700	1400	1200
	.50	2700	2700	2300	2000	2000	1900	1800	1500	1000	500	200	0
	.10	2400	2400	1900	1600	1600	1600	1500	1100	600	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- APRIL INCURATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
5400	.90	3100	3100	2800	2500	2500	2300	2300	2000	1600	1200	1000	900
	.50	2700	2700	2300	2000	2000	1900	1800	1500	1000	500	200	0
	.10	2400	2400	1900	1600	1600	1600	1500	1100	600	0	0	0
	.90	3100	3100	2800	2700	2500	2400	2300	2200	1700	1300	1100	1000
	.50	2700	2700	2300	2200	2000	1900	1900	1800	1100	500	200	0
	.10	2400	2400	1900	1800	1500	1600	1500	1400	800	0	0	0
	.90	3100	3100	3100	2800	2500	2500	2500	2500	1800	1400	1400	1200
	.50	2700	2700	2700	2300	2000	2000	1900	1900	1300	700	400	200
	.10	2400	2400	2400	1900	1600	1600	1500	1500	900	200	0	0
5500	.90	3100	3100	2800	2700	2500	2400	2300	2200	1700	1200	1000	900
	.50	2700	2700	2300	2200	2000	1900	1900	1800	1100	500	200	0
	.10	2400	2400	1900	1800	1500	1600	1500	1400	800	0	0	0
	.90	3100	3100	2900	2700	2500	2400	2300	2300	1800	1400	1100	1000
	.50	2700	2700	2400	2200	2000	1900	1900	1800	1200	600	300	0
	.10	2400	2400	2100	1800	1600	1600	1500	1400	900	100	0	0
	.90	3100	3100	3100	2900	2500	2600	2500	2500	2100	1900	1500	1200
	.50	2700	2700	2700	2300	2000	2000	1900	1900	1300	800	500	200
	.10	2400	2400	2400	1900	1500	1400	1600	1500	1000	200	0	0
	.90	3100	3100	2900	2700	2500	2400	2300	2300	1700	1300	1000	900
	.50	2700	2700	2900	2700	2500	2400	2300	2300	1700	1300	1000	900
	.10	2400	2400	2400	2200	2000	1900	1900	1800	1200	600	300	0
5600	.90	3100	3100	2800	2700	2500	2400	2300	2300	1900	1400	1100	1000
	.50	2700	2700	2400	2200	2000	1900	1900	1800	1200	600	300	0
	.10	2400	2400	2100	1800	1500	1600	1500	1400	900	100	0	0
	.90	3100	3100	3100	2800	2500	2500	2400	2300	1900	1400	1100	1000
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2100	1800	1500	1600	1500	1400	900	100	0	0
	.90	3100	3100	3100	2800	2500	2500	2400	2300	1900	1400	1100	1000
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1500	1600	1500	1500	900	100	0	0
5700	.90	3100	3100	2800	2700	2500	2400	2300	2300	1900	1400	1100	1000
	.50	2700	2700	2400	2200	2000	1900	1900	1800	1200	600	300	0
	.10	2400	2400	2400	1900	1500	1600	1500	1400	900	100	0	0
	.90	3100	3100	3100	2800	2500	2500	2400	2300	1900	1400	1100	900
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1500	1600	1500	1500	900	100	0	0
	.90	3100	3100	3100	2800	2500	2500	2400	2300	1900	1400	1100	1000
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1500	1600	1500	1500	900	100	0	0
	.90	3100	3100	3100	2800	2500	2500	2400	2400	1900	1400	1100	1000
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1500	1600	1500	1500	900	100	0	0
	.90	3100	3100	3100	2800	2500	2500	2400	2400	1900	1400	1100	1000
	.50	2700	2700	2700	2300	2000	1900	1900	1900	1200	600	300	0
	.10	2400	2400	2400	1900	1500	1600	1500	1500	900	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPAWNING MONTH - APRIL INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
5800	.90	3100	3100	3100	2800	2500	2500	2500	2400	1800	1400	1100	1000
	.50	2700	2700	2700	2300	2000	2000	1900	1900	1300	700	300	0
	.10	2400	2400	1900	1900	1500	1600	1600	1500	900	200	0	0
	.90	3100	3100	2900	2900	2500	2500	2500	2400	1900	1500	1200	1100
	.50	2700	2700	2400	2400	2000	2000	2000	1900	1300	700	400	100
	.10	2400	2400	1900	1900	1700	1600	1500	1500	1000	200	0	0
	.90	3400	3100	3100	3100	2800	2700	2600	2600	2400	2000	1800	1400
	.50	2900	2700	2700	2700	2300	2100	2000	2000	1500	800	600	300
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1200	300	0	0
5900	.90	3100	3100	2900	2900	2500	2500	2500	2400	1900	1400	1200	1000
	.50	2700	2700	2400	2400	2000	2000	2000	1900	1300	700	300	100
	.10	2400	2400	1900	1900	1700	1600	1600	1500	1000	200	0	0
	.90	3300	3100	3100	2900	2700	2600	2500	2500	2000	1600	1200	1100
	.50	2800	2700	2700	2500	2100	2000	2000	1900	1400	800	400	100
	.10	2400	2400	2400	2200	1700	1600	1600	1600	1000	200	0	0
	.90	3400	3100	3100	3100	2800	2700	2700	2600	2400	2100	1800	1500
	.50	2900	2700	2700	2700	2300	2100	2100	2000	1800	900	600	400
	.10	2500	2400	2400	2400	1900	1700	1600	1600	1400	400	0	0
6000	.90	3300	3100	3100	2900	2700	2600	2500	2500	1900	1500	1200	1000
	.50	2800	2700	2700	2500	2100	2000	2000	1900	1400	700	400	100
	.10	2400	2400	2400	2200	1700	1600	1600	1600	1000	200	0	0
	.90	3400	3100	3100	3100	2800	2700	2700	2600	2400	2100	1800	1500
	.50	2900	2700	2700	2700	2300	2100	2100	2000	1800	900	600	400
	.10	2500	2400	2400	2400	1900	1700	1600	1600	1400	400	0	0
	.90	3900	3100	3100	3100	2800	2700	2700	2700	2500	2100	1900	1600
	.50	3400	2700	2700	2700	2300	2200	2100	2100	1900	900	700	400
	.10	3000	2400	2400	2400	1900	1700	1600	1600	1400	500	0	0
6100	.90	3400	3100	3100	3100	2700	2600	2600	2500	2000	1500	1200	1100
	.50	2900	2700	2700	2700	2200	2100	2000	2000	1400	800	400	200
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1000	300	0	0
	.90	3900	3100	3100	3100	2800	2700	2700	2700	2500	2100	1900	1600
	.50	3400	2700	2700	2700	2300	2200	2100	2100	1900	900	700	400
	.10	3000	2400	2400	2400	1900	1700	1600	1600	1400	500	0	0
	.90	3400	3100	3100	3100	2700	2600	2600	2500	2000	1500	1200	1100
	.50	2900	2700	2700	2700	2200	2100	2000	2000	1400	800	400	100
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1000	300	0	0
	.90	3900	3100	3100	3100	2800	2700	2700	2700	2500	2100	1900	1600
	.50	3400	2700	2700	2700	2300	2200	2100	2100	1900	900	700	400
	.10	3000	2400	2400	2400	1900	1700	1600	1600	1400	500	0	0
	.90	3400	3100	3100	3100	2700	2600	2600	2500	2100	1700	1400	1200
	.50	2900	2700	2700	2700	2200	2100	2000	2000	1500	800	500	200
	.10	2500	2400	2400	2400	1800	1600	1600	1600	1200	300	0	0
	.90	3900	3100	3100	3100	2800	2700	2700	2700	2500	2200	1900	1800
	.50	3400	2900	2700	2700	2400	2200	2100	2100	1900	1000	700	500
	.10	3000	2500	2400	2400	1900	1700	1700	1600	1500	500	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- JUNE

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	3400	3100	3100	2900	2700	2600	2500	2100	1600	1200	1100	
	.50	2900	2700	2700	2300	2100	2000	2000	1500	800	400	200	
	.10	2500	2400	2400	1800	1600	1600	1600	1200	300	0	0	
	.90	3400	3100	3100	2800	2700	2700	2600	2300	1900	1500	1200	
	.50	2900	2700	2700	2300	2100	2000	2000	1800	800	500	300	
	.10	2500	2400	2400	1900	1700	1600	1600	1400	400	0	0	
	.90	3900	3400	3300	3300	3200	2900	2900	2600	2200	2000	1900	
	.50	3400	2900	2700	2400	2200	2100	2100	1900	1200	800	600	
	.10	3000	2500	2400	1300	1800	1700	1700	1500	600	0	0	
	.90	3400	3100	3100	2800	2700	2700	2600	2600	1600	1600	1300	1100
6300	.50	2900	2700	2700	2300	2100	2100	2000	1800	800	500	200	
	.10	2500	2400	2400	1900	1700	1600	1600	1400	400	0	0	
	.90	3900	3100	3100	2900	2700	2700	2600	2300	1900	1600	1300	
	.50	3400	2700	2700	2300	2200	2100	2100	1800	900	600	300	
	.10	3000	2400	2400	1900	1700	1600	1600	1400	500	0	0	
	.90	3900	3500	3300	3300	3300	3200	3200	2700	2400	2100	1900	
	.50	3400	3000	2700	2500	2300	2200	2200	1900	1300	800	700	
	.10	3000	2600	2400	2200	1800	1700	1700	1500	600	0	0	
	.90	3900	3100	3100	2900	2700	2600	2600	2300	1800	1300	1100	
	.50	3400	2700	2700	2300	2200	2100	2100	1800	900	500	300	
6400	.10	3000	2400	2400	1900	1700	1600	1600	1400	500	0	0	
	.90	3900	3400	3100	2900	2700	2700	2600	2300	1800	1300	1100	
	.50	3400	2700	2700	2300	2200	2100	2100	1800	900	500	300	
	.10	3000	2400	2400	1900	1700	1600	1600	1400	500	0	0	
	.90	3900	3400	3100	2900	2800	2700	2700	2400	2000	1600	1400	
	.50	3400	2900	2700	2400	2200	2100	2100	1900	900	600	300	
	.10	3000	2500	2400	1900	1700	1600	1600	1500	500	0	0	
	.90	3900	3800	3400	3400	3300	3300	3300	2800	2500	2200	2000	
	.50	3400	3300	2900	2500	2300	2200	2200	1900	1400	900	700	
	.10	3000	2900	2500	2200	1900	1700	1700	1500	800	0	0	
6500	.90	3900	3400	3100	2900	2800	2700	2700	2300	1800	1400	1200	
	.50	3400	2900	2700	2400	2200	2100	2100	1900	900	600	300	
	.10	3000	2500	2400	1900	1700	1600	1600	1500	500	0	0	
	.90	3900	3400	3100	3000	2800	2700	2700	2400	2100	1800	1400	
	.50	3400	2900	2700	2500	2300	2200	2100	1900	900	600	400	
	.10	3000	2500	2400	2200	1800	1700	1700	1500	600	0	0	
	.90	3900	3800	3400	3400	3300	3300	3300	3000	2600	2200	2100	
	.50	3400	3300	2900	2500	2300	2200	2100	1700	1400	900	700	
	.10	3000	2900	2500	2200	1900	1700	1700	1500	800	0	0	
	.90	3900	3400	3100	2900	2800	2700	2700	2400	2100	1800	1400	
6600	.50	3400	2900	2700	2400	2200	2100	2100	1900	900	600	400	
	.10	3000	2500	2400	2200	1800	1700	1700	1500	600	0	0	
	.90	3900	3400	3100	3000	2800	2700	2700	2400	2100	1800	1400	
	.50	3400	2900	2700	2500	2300	2200	2100	1900	900	600	400	
	.10	3000	2500	2400	2200	1800	1700	1700	1500	600	0	0	
	.90	3900	3800	3400	3400	3300	3300	3300	3000	2600	2200	2100	
	.50	3400	3300	2900	2500	2300	2200	2100	1700	1400	900	700	
	.10	3000	2900	2500	2200	1900	1700	1700	1500	800	0	0	
	.90	3900	3400	3100	2900	2800	2700	2700	2400	2100	1800	1400	
	.50	3400	2900	2700	2400	2200	2100	2100	1900	900	600	400	
6700	.10	3000	2500	2400	2200	1800	1700	1700	1500	600	0	0	
	.90	3900	3800	3400	3400	3300	3300	3300	3000	2600	2200	2100	
	.50	3400	3300	2900	2500	2300	2200	2100	1700	1400	900	700	
	.10	3000	2900	2500	2200	1900	1700	1700	1500	800	0	0	
	.90	3900	3400	3100	2900	2800	2700	2700	2400	2100	1800	1400	
	.50	3400	2900	2700	2400	2200	2100	2100	1900	900	600	400	
	.10	3000	2500	2400	2200	1800	1700	1700	1500	600	0	0	
	.90	3900	3800	3400	3400	3300	3300	3300	3000	2600	2200	2100	
	.50	3400	3300	2900	2500	2300	2200	2100	1700	1400	900	700	
	.10	3000	2900	2500	2200	1900	1700	1700	1500	800	0	0	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH - APRIL INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6500	.90	.90	3900	3100	3100	3000	2800	2800	2700	2400	1900	1500	1200
	.50	.50	3400	2700	2700	2500	2300	2200	2100	1900	900	600	300
	.10	.10	3000	2400	2400	2200	1800	1700	1700	1500	600	0	0
	.90	.90	3900	3100	3100	3000	2900	2800	2700	2500	2100	1900	1500
	.50	.50	3400	2800	2700	2500	2300	2200	2200	1900	1000	700	400
	.10	.10	3000	2500	2400	2200	1800	1700	1700	1500	600	0	0
	.90	.90	4100	4100	3500	3500	3400	3400	3400	3200	2700	2400	2200
	.50	.50	3400	3000	2900	2700	2500	2400	2300	2000	1500	1300	900
	.10	.10	3000	2600	2500	2400	2000	1900	1800	1600	900	0	0
6700	.90	.90	3900	3100	3100	3000	2900	2800	2700	2400	1900	1600	1300
	.50	.50	3400	2800	2700	2500	2300	2200	2200	1900	1000	600	300
	.10	.10	3000	2500	2400	2200	1800	1700	1700	1500	600	0	0
	.90	.90	3900	3100	3100	3100	2900	2900	2800	2500	2100	1900	1600
	.50	.50	3400	2900	2700	2700	2400	2300	2200	1900	1100	700	500
	.10	.10	3000	2500	2400	2400	1900	1800	1700	1600	800	0	0
	.90	.90	4100	4100	4100	4100	3500	3500	3500	3300	2800	2500	2200
	.50	.50	3400	3100	3100	2700	2500	2400	2400	2100	1600	1400	900
	.10	.10	3000	2700	2600	2400	2100	1900	1900	1600	900	100	0
6900	.90	.90	3900	3100	3100	3100	2900	2900	2800	2500	2000	1700	1300
	.50	.50	3400	2900	2900	2700	2400	2300	2200	1900	1100	700	400
	.10	.10	3000	2500	2400	2400	1900	1800	1700	1600	900	0	0
	.90	.90	3900	3100	3200	3100	3000	2900	2800	2600	2200	1900	1700
	.50	.50	3400	2800	2800	2700	2400	2300	2300	2000	1200	800	500
	.10	.10	3000	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	.90	4800	4100	4100	4100	4100	3500	3500	3400	2900	2600	2400
	.50	.50	4300	3100	3100	2700	2600	2500	2400	2200	1800	1500	1100
	.10	.10	3900	2700	2700	2400	2200	2000	1900	1600	1000	200	0
6900	.90	.90	3900	3100	3200	3100	3000	2900	2800	2500	2100	1800	1400
	.50	.50	3400	2800	2800	2700	2400	2300	2300	2000	1200	700	400
	.10	.10	3000	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	.90	3900	3100	3400	3100	3000	3000	2900	2600	2200	2000	1800
	.50	.50	3400	2900	2900	2700	2500	2400	2300	2000	1300	800	600
	.10	.10	3000	2600	2600	2400	2000	1900	1800	1600	900	0	0
	.90	.90	3900	3100	3400	3100	3000	3000	2900	2600	2200	2000	1800
	.50	.50	3400	2900	2900	2700	2500	2400	2300	2000	1300	800	600
	.10	.10	3000	2600	2600	2400	2000	1900	1900	1600	900	0	0
	.90	.90	4800	4200	4200	4100	4100	4100	3600	3500	3200	2700	2500
	.50	.50	4300	3100	3100	2900	2700	2600	2500	2200	1900	1500	1300
	.10	.10	3900	2700	2700	2500	2200	2100	2000	1600	1100	200	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		3900	3500	3400	3100	3000	3000	2900	2500	2100	1900	1500
	.50		3400	3000	2900	2700	2500	2400	2300	2000	1300	800	500
	.10		3000	2600	2500	2400	2000	1900	1900	1600	900	0	0
	.90		3900	3600	3500	3200	3100	3000	2900	2600	2300	2000	1800
	.50		3400	3100	3000	2700	2500	2500	2400	2000	1300	800	600
	.10		3000	2700	2600	2400	2200	2000	1900	1600	900	100	0
	.90		4800	4200	4200	4200	4200	4100	4100	3500	3300	2800	2600
	.50		4300	3300	3100	2800	2700	2700	2500	2200	1900	1600	1400
	.10		3900	2900	2700	2500	2400	2200	2100	1700	1200	400	0



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
1900	.90	900	800	800	700	500	400	300	300	100	0	0	0
	.50	500	500	500	400	300	100	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	1000	900	800	800	700	600	400	300	100	0	0	0
	.50	600	600	500	500	400	200	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1200	1100	1000	1000	900	800	700	600	400	200	100	0
	.50	800	700	700	600	500	400	300	200	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
1900	.90	1000	900	800	800	700	600	400	300	100	0	0	0
	.50	600	600	500	500	400	200	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1000	1000	900	900	800	600	500	400	200	0	0	0
	.50	700	700	600	500	500	300	200	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
	.90	1400	1200	1100	1000	1000	900	800	700	500	200	100	0
	.50	1000	800	800	700	600	500	400	300	0	0	0	0
	.10	400	400	300	300	100	100	0	0	0	0	0	0
2000	.90	1000	1000	900	900	800	600	500	300	100	0	0	0
	.50	700	700	600	500	500	300	200	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
	.90	1100	1000	1000	1000	800	700	600	500	200	0	0	0
	.50	800	700	700	600	500	400	300	100	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1800	1200	1100	1100	1100	1000	900	800	600	300	200	0
	.50	1000	800	800	800	600	500	500	400	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	1100	1000	1000	1000	800	700	600	400	100	0	0	0
	.50	800	700	700	600	500	400	300	100	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1200	1100	1100	1000	900	800	700	600	200	100	0	0
	.50	800	700	700	600	500	400	400	300	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1800	1400	1200	1200	1100	1000	1000	900	600	300	200	100
	.50	1000	800	800	800	700	600	500	500	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1200	1100	1100	1000	900	800	700	600	200	0	0	0
	.50	800	800	700	700	600	500	400	300	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	1400	1200	1100	1100	1000	800	800	700	300	100	0	0
	.50	1000	800	800	800	500	500	500	300	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	1800	1800	1400	1300	1200	1100	1000	1000	700	400	200	100
	.50	1100	1000	800	800	800	600	600	500	0	0	0	0
	.10	700	400	400	400	300	200	100	0	0	0	0	0
2300	.90	1400	1200	1100	1100	1000	800	800	700	200	0	0	0
	.50	1000	800	800	800	500	500	500	300	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	1400	1200	1100	1100	1000	900	800	800	400	200	0	0
	.50	1000	800	800	800	700	600	500	400	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	1800	1800	1600	1400	1200	1200	1100	1100	800	500	300	200
	.50	1100	1100	900	800	800	700	600	500	100	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
2400	.90	1400	1200	1100	1100	1000	900	800	800	300	100	0	0
	.50	1000	800	800	800	700	600	500	400	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	1400	1400	1200	1100	1100	900	900	800	500	200	0	0
	.50	1100	1000	800	800	700	600	500	500	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
2500	.90	1800	1800	1800	1600	1300	1200	1200	1100	800	600	400	200
	.50	1100	1100	1000	900	800	700	600	600	300	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1400	1400	1200	1100	1100	900	900	800	500	200	0	0
	.50	1100	1000	800	800	700	600	500	500	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1400	1400	1200	1100	1100	1000	900	800	500	200	100	0
	.50	1100	1100	800	800	800	600	600	500	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1400	1400	1200	1100	1100	1000	900	800	500	200	100	0
	.50	1100	1100	800	800	800	600	600	500	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	2000	2000	1800	1800	1400	1300	1200	1200	900	600	500	300
	.50	1100	1100	1100	900	800	800	700	600	300	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	.90	1400	1400	1200	1100	1100	900	800	500	100	0	0
	.50	.50	1100	1100	800	800	600	600	500	0	0	0	0
	.10	.10	700	700	400	300	100	100	100	0	0	0	0
	.90	.90	1500	1400	1300	1200	1100	1000	900	600	300	100	0
	.50	.50	1100	1100	1000	800	700	500	600	200	0	0	0
	.10	.10	700	700	400	400	200	100	100	0	0	0	0
2700	.90	.90	2200	2100	2000	1800	1500	1200	1200	1000	700	500	300
	.50	.50	1300	1100	1100	900	900	800	700	400	0	0	0
	.10	.10	900	700	500	400	300	200	200	0	0	0	0
	.90	.90	1500	1400	1300	1200	1100	1000	900	600	200	0	0
	.50	.50	1100	1100	1000	800	700	600	600	200	0	0	0
	.10	.10	700	700	400	400	200	100	100	0	0	0	0
	.90	.90	1500	1500	1400	1300	1100	1000	900	700	300	200	100
	.50	.50	1100	1100	1000	900	800	700	600	300	0	0	0
	.10	.10	700	700	400	400	200	200	100	0	0	0	0
2800	.90	.90	2400	2300	2200	2000	1600	1300	1200	1100	800	600	400
	.50	.50	1300	1100	1100	1100	900	800	700	500	0	0	0
	.10	.10	900	700	700	400	300	200	200	0	0	0	0
	.90	.90	1500	1500	1400	1300	1100	1000	900	700	200	100	0
	.50	.50	1100	1100	1000	900	800	700	600	300	0	0	0
	.10	.10	700	700	400	400	200	200	100	0	0	0	0
	.90	.90	1600	1500	1400	1400	1200	1100	1000	800	500	200	100
	.50	.50	1300	1100	1100	800	800	700	600	400	0	0	0
	.10	.10	900	700	600	400	300	200	200	0	0	0	0
	.90	.90	2500	2500	2300	2100	1800	1400	1300	1100	800	600	500
	.50	.50	1600	1600	1100	1100	1000	800	800	500	100	0	0
	.10	.10	1100	1100	700	700	400	300	200	0	0	0	0
2900	.90	.90	1600	1500	1400	1400	1200	1100	1000	700	300	100	0
	.50	.50	1300	1100	1100	800	800	700	600	400	0	0	0
	.10	.10	900	700	600	400	300	200	200	0	0	0	0
	.90	.90	1600	1500	1400	1400	1300	1100	1000	800	500	300	200
	.50	.50	1300	1100	1100	900	800	700	700	400	0	0	0
	.10	.10	900	700	600	400	300	200	200	0	0	0	0
	.90	.90	1600	1500	1400	1400	1300	1100	1100	800	500	300	200
	.50	.50	1300	1100	1100	900	800	700	700	400	0	0	0
	.10	.10	900	700	700	400	300	200	200	0	0	0	0
	.90	.90	1600	1500	1400	1400	1300	1100	1100	800	500	300	200
	.50	.50	1300	1100	1100	900	800	700	700	400	0	0	0
	.10	.10	900	700	700	400	300	200	200	0	0	0	0
	.90	.90	1600	1600	1600	1600	1600	1400	1400	1200	900	700	600
	.50	.50	1600	1600	1600	1100	1100	800	800	600	200	0	0
	.10	.10	1200	1100	1100	400	400	300	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1600	1500	1400	1400	1300	1100	1100	1100	800	400	200	0
	.50	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	1700	1500	1500	1400	1300	1200	1100	1100	900	600	400	200
	.50	1400	1100	1100	1100	900	800	800	800	500	0	0	0
	.10	1000	700	700	400	400	400	300	200	0	0	0	0
	.90	2700	2700	2500	2400	2700	1800	1600	1400	1200	1000	800	600
	.50	1700	1600	1600	1600	1100	900	800	800	600	300	0	0
	.10	1200	1100	1100	1100	700	400	400	300	0	0	0	0
3100	.90	1700	1500	1500	1400	1300	1200	1100	1100	800	500	200	100
	.50	1400	1100	1100	1100	900	800	800	800	500	0	0	0
	.10	1000	700	700	400	400	400	300	200	0	0	0	0
	.90	2000	2000	1600	1500	1400	1200	1200	1100	900	700	400	300
	.50	1600	1600	1100	1100	1000	800	800	800	500	0	0	0
	.10	1200	1100	700	700	400	400	300	200	0	0	0	0
	.90	2800	2800	2600	2400	2100	2000	1700	1500	1300	1000	800	700
	.50	1700	1700	1600	1600	1100	1000	900	800	600	300	0	0
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0
3200	.90	2000	2000	1500	1500	1400	1200	1100	1100	900	500	300	200
	.50	1600	1600	1100	1100	1000	800	800	800	500	0	0	0
	.10	1200	1100	700	700	400	400	300	200	0	0	0	0
	.90	2000	2000	2000	1700	1500	1300	1200	1200	1000	700	500	300
	.50	1600	1600	1600	1300	1100	900	800	800	500	0	0	0
	.10	1200	1100	1100	900	400	400	300	300	0	0	0	0
	.90	2900	2900	2700	2500	2100	2000	1800	1600	1300	1100	900	700
	.50	1700	1700	1600	1600	1500	1100	900	800	600	400	0	0
	.10	1200	1200	1100	1100	1000	400	400	400	100	0	0	0
3300	.90	2000	2000	2000	1600	1400	1300	1200	1100	900	600	300	200
	.50	1600	1600	1600	1300	1100	900	800	800	500	0	0	0
	.10	1200	1100	1100	900	400	400	300	300	0	0	0	0
	.90	2100	2000	2000	2000	1500	1400	1300	1200	1100	800	600	400
	.50	1700	1600	1600	1600	1100	900	800	800	600	200	0	0
	.10	1200	1100	1100	1100	700	400	400	300	100	0	0	0
	.90	3000	2900	2800	2600	2100	2100	2000	1800	1300	1100	900	800
	.50	2100	1700	1700	1700	1600	1100	1100	900	700	400	100	0
	.10	1600	1200	1200	1200	1100	700	400	400	100	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2100	2000	2000	2000	1500	1300	1200	1200	900	700	400	200
	.50	1700	1600	1600	1600	1100	900	800	800	600	100	0	0
	.10	1200	1100	1100	1100	700	400	300	300	100	0	0	0
	.90	2100	2100	2000	2000	1500	1500	1300	1300	1100	800	600	500
	.50	1700	1700	1600	1600	1200	1100	900	800	600	200	0	0
	.10	1200	1200	1100	1100	800	400	300	300	100	0	0	0
	.90	3100	3000	2900	2700	2200	2100	2000	2000	1400	1200	1000	800
	.50	2200	2100	1700	1700	1600	1300	1100	1100	700	500	200	0
	.10	1700	1600	1200	1200	1100	800	500	400	200	0	0	0
3500	.90	2100	2100	2000	2000	1500	1400	1300	1200	1000	700	500	300
	.50	1700	1700	1600	1600	1200	1100	900	800	600	200	0	0
	.10	1200	1200	1100	1100	800	400	300	300	100	0	0	0
	.90	2100	2100	2000	2000	1500	1600	1400	1400	1100	900	700	600
	.50	1700	1700	1600	1600	1500	1100	900	800	600	300	0	0
	.10	1200	1200	1100	1100	1100	600	400	400	100	0	0	0
	.90	3100	3100	2900	2700	2400	2100	2000	2000	1500	1300	1100	900
	.50	2200	2200	2100	1700	1700	1500	1200	1100	800	500	300	0
	.10	1700	1700	1600	1200	1200	1100	700	500	200	0	0	0
3600	.90	2100	2100	2000	2000	1800	1500	1400	1300	1100	800	600	400
	.50	1700	1700	1600	1600	1500	1100	900	800	600	300	0	0
	.10	1200	1200	1100	1100	1100	600	400	400	100	0	0	0
	.90	2500	2100	2100	2100	2000	1700	1500	1400	1200	900	700	600
	.50	2100	1700	1700	1700	1500	1100	1100	900	700	300	0	0
	.10	1600	1200	1200	1200	1100	700	400	400	100	0	0	0
	.90	3200	3200	3000	2800	2500	2200	2100	2100	1600	1300	1100	1000
	.50	2200	2200	2200	1700	1700	1600	1400	1200	800	600	400	100
	.10	1700	1700	1700	1200	1200	1100	800	600	200	0	0	0
3700	.90	2500	2100	2100	2100	2000	1600	1400	1300	1100	800	600	500
	.50	2100	1700	1700	1700	1600	1100	900	900	600	300	0	0
	.10	1600	1200	1200	1200	1100	700	400	400	100	0	0	0
	.90	2600	2500	2100	2100	2000	1800	1600	1500	1200	1000	800	600
	.50	2200	2100	1700	1700	1600	1300	1100	1100	700	400	0	0
	.10	1700	1600	1200	1200	1100	900	700	400	200	0	0	0
	.90	3300	3200	3100	2900	2600	2200	2100	2100	1700	1300	1200	1000
	.50	2200	2200	2200	2100	1700	1600	1500	1300	800	600	400	200
	.10	1700	1700	1700	1600	1200	1100	1100	760	200	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - APRIL INCUBATION MONTH - JULY

SPawning Q	EXC.	INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3800	.90	2600	2500	2100	2000	1700	1500	1400	1200	900	700	500		
	.50	2200	2100	1700	1500	1300	1100	1100	700	400	0	0		
	.10	1700	1600	1200	1100	900	700	400	200	0	0	0		
	.90	2600	2600	2500	2100	2000	1800	1600	1300	1100	900	700		
	.50	2200	2200	2100	1700	1500	1200	1100	800	500	100	0		
	.10	1700	1700	1600	1200	1100	700	500	200	0	0	0		
	.90	3300	3300	3000	2500	2200	2200	2100	1800	1400	1300	1100		
	.50	2200	2200	2200	1700	1600	1500	1400	900	600	500	300		
	.10	1700	1700	1700	1200	1200	1100	800	300	0	0	0		
3900	.90	2600	2600	2500	2100	1800	1600	1500	1200	900	700	600		
	.50	2200	2200	2100	1700	1500	1200	1100	800	400	0	0		
	.10	1700	1700	1600	1200	1100	700	500	200	0	0	0		
	.90	2600	2600	2500	2100	2000	1900	1800	1400	1100	900	800		
	.50	2200	2200	2200	1700	1600	1400	1200	800	500	200	0		
	.10	1700	1700	1700	1200	1100	800	700	200	0	0	0		
4000	.90	3300	3300	3000	2600	2300	2200	2200	1900	1400	1300	1100		
	.50	2500	2200	2200	1700	1700	1600	1500	1000	600	500	300		
	.10	2000	1700	1700	1200	1200	1100	900	300	0	0	0		
	.90	2600	2600	2600	2100	2000	1800	1600	1300	1000	800	600		
	.50	2200	2200	2200	1700	1600	1400	1200	800	500	100	0		
	.10	1700	1700	1700	1200	1100	800	700	200	0	0	0		
	.90	2700	2600	2600	2100	2100	2000	1800	1400	1200	1000	800		
	.50	2200	2200	2200	1700	1600	1500	1300	800	500	300	0		
	.10	1700	1700	1700	1200	1100	1100	700	200	0	0	0		
	.90	3300	3300	2900	2600	2400	2200	2200	2000	1500	1300	1200		
	.50	2500	2200	2200	1800	1700	1600	1500	1100	700	500	400		
	.10	2000	1700	1700	1300	1200	1100	1100	400	0	0	0		
4100	.90	2600	2600	2500	2100	2000	1800	1800	1300	1100	800	700		
	.50	2200	2200	2200	1700	1600	1500	1300	800	500	200	0		
	.10	1700	1700	1700	1200	1100	1100	700	200	0	0	0		
	.90	2700	2700	2600	2400	2100	2100	2000	1500	1200	1000	900		
	.50	2200	2200	2200	1700	1700	1600	1400	800	600	300	0		
	.10	1700	1700	1700	1200	1200	1100	800	300	0	0	0		
	.90	3300	3300	3000	2500	2500	2200	2200	2000	1600	1400	1300		
	.50	2500	2300	2200	2100	2000	1700	1600	1100	700	600	400		
	.10	2000	1800	1700	1700	1700	1200	1200	400	0	0	0		

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q EXC.	EXC.											
4200 .90	.90	2600	2600	2600	2100	2100	1900	1800	1400	1100	900	700
	.50	2200	2200	2200	1700	1700	1600	1400	800	600	300	0
	.10	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	2900	2800	2600	2500	2100	2100	2000	1600	1300	1100	900
	.50	2500	2200	2200	1700	1700	1600	1500	900	600	400	100
	.10	2000	1700	1700	1200	1200	1100	1100	300	0	0	0
	.90	3300	3300	3100	2700	2600	2400	2200	2100	1700	1400	1300
	.50	2500	2300	2300	2100	1700	1700	1600	1200	800	600	500
	.10	2000	1800	1800	1700	1200	1200	1100	500	0	0	0
4300 .90	.90	2900	2600	2600	2100	2100	2000	1900	1400	1200	1000	800
	.50	2500	2200	2200	1700	1700	1600	1500	900	600	300	0
	.10	2000	1700	1700	1200	1200	1100	1100	300	0	0	0
	.90	2900	2900	2700	2600	2100	2100	2100	1700	1400	1200	1000
	.50	2500	2200	2200	2100	1700	1600	1500	1000	600	400	200
	.10	2000	1700	1700	1600	1200	1200	1100	400	0	0	0
	.90	3300	3300	3100	3000	2600	2500	2400	2100	1800	1500	1400
	.50	2500	2500	2300	2200	1700	1700	1600	1300	800	500	500
	.10	2000	2000	1800	1700	1200	1200	1200	600	100	0	0
4400 .90	.90	2900	2600	2600	2400	2100	2000	1900	1500	1200	1000	900
	.50	2500	2200	2200	2100	1700	1600	1500	1000	600	400	100
	.10	2000	1700	1700	1600	1200	1200	1100	400	0	0	0
	.90	3000	2900	2900	2600	2300	2100	2100	1800	1400	1200	1000
	.50	2500	2300	2200	2100	1700	1600	1600	1100	700	500	300
	.10	2000	1800	1700	1700	1200	1200	1100	500	0	0	0
	.90	3300	3200	3100	3100	2700	2600	2400	2200	1900	1600	1400
	.50	2500	2500	2300	2200	1800	1700	1600	1400	800	600	500
	.10	2000	2000	1800	1700	1300	1200	1200	700	100	0	0
4500 .90	.90	2900	2700	2600	2400	2100	2100	2000	1600	1300	1100	900
	.50	2500	2300	2200	2100	1700	1600	1600	1100	600	400	100
	.10	2000	1800	1700	1700	1200	1200	1100	500	0	0	0
	.90	3100	3000	2900	2600	2400	2200	2100	1800	1400	1300	1100
	.50	2500	2300	2300	2100	1700	1700	1600	1100	700	500	400
	.10	2000	1800	1800	1700	1200	1200	1200	600	0	0	0
	.90	3200	3200	3100	3100	2700	2600	2400	2200	1900	1700	1500
	.50	2500	2500	2300	2200	2100	1700	1600	1400	900	700	600
	.10	2000	2000	1800	1700	1600	1200	1200	700	100	0	0
	.90	3200	3200	3200	3100	2700	2600	2400	2200	1900	1700	1500
	.50	2500	2500	2300	2200	2100	1700	1600	1400	900	700	600
	.10	2000	2000	1800	1700	1600	1200	1200	700	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2900	2700	2700	2600	2500	2300	2100	2100	1700	1400	1200	1000
	.50	2500	2300	2200	2200	2100	1700	1700	1600	1100	700	500	200
	.10	2000	1800	1700	1700	1700	1200	1200	1200	600	0	0	0
	.90	3100	2900	2800	2800	2500	2500	2300	2200	1900	1500	1300	1200
	.50	2500	2300	2300	2300	1800	1800	1700	1600	1300	800	500	400
	.10	2000	1800	1800	1800	1300	1300	1200	1200	600	100	0	0
	.90	3200	3200	3200	3200	3100	2700	2600	2500	2200	2000	1700	1500
	.50	2600	2500	2300	2300	2200	2100	1700	1700	1400	1000	700	600
	.10	2100	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
4700	.90	2900	2900	2700	2700	2500	2400	2100	2100	1800	1400	1200	1000
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1200	700	500	300
	.10	2000	2000	1800	1800	1700	1300	1200	1200	600	100	0	0
	.90	3200	3200	3000	2900	2700	2600	2400	2200	1900	1600	1400	1200
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	800	600	400
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3000	2700	2500	2200	2100	1800	1600
	.50	2600	2500	2300	2300	2200	2100	1700	1700	1500	1000	700	600
	.10	2100	2000	1800	1800	1800	1700	1200	1200	700	200	0	0
4800	.90	2900	2900	2700	2700	2500	2400	2200	2100	1800	1400	1300	1100
	.50	2500	2500	2300	2300	2200	1800	1700	1600	1300	800	500	400
	.10	2000	2000	1800	1800	1700	1400	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3000	2700	2500	2200	2100	1800	1600
	.50	2600	2500	2300	2300	2200	2100	1700	1700	1500	1000	700	600
	.10	2100	2000	1800	1800	1800	1700	1200	1200	700	200	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2200	1800	1700	1500	1100	800	600
	.10	2000	2000	1800	1800	1800	1700	1300	1200	700	200	0	0
	.90	3200	2900	2800	2700	2600	2500	2400	2100	1900	1500	1300	1200
	.50	2500	2500	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	2900	2800	2700	2600	2500	2400	2100	1900	1500	1300	1200
	.50	2500	2500	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3200	3200	3200	3200	3200	3100	2700	2600	2300	2100	1900	1700
	.50	2600	2600	2300	2300	2200	2100	1700	1600	1400	800	600	400
	.10	2000	2000	1800	1800	1700	1700	1200	1200	700	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3000	2900	2900	2700	2700	2500	2400	2200	1900	1600	1400	1200
	.50	2600	2500	2300	2300	2200	2100	1700	1700	1400	800	600	400
	.10	2100	2000	1800	1800	1900	1700	1200	1200	700	200	0	0
	.90	3300	3300	3200	3000	2700	2600	2500	2400	2100	1800	1500	1400
	.50	3000	2600	2300	2300	2200	2100	1700	1700	1400	900	700	500
	.10	2600	2100	1800	1800	1800	1700	1200	1200	700	200	0	0
	.90	3600	3600	3600	3300	3200	3200	3100	2700	2400	2200	2000	1800
	.50	3000	3000	2500	2300	2300	2200	2100	1800	1500	1200	900	700
	.10	2600	2600	2000	1800	1800	1700	1700	1200	800	200	0	0
5100	.90	3300	3000	2900	2800	2700	2600	2400	2300	1900	1600	1400	1300
	.50	3000	2600	2300	2300	2200	2100	1700	1700	1400	900	600	500
	.10	2600	2100	1800	1800	1800	1700	1200	1200	700	200	0	0
	.90	3300	3300	3200	3000	2700	2600	2500	2400	2100	1800	1600	1400
	.50	3000	2600	2400	2300	2200	2200	1800	1700	1400	1000	700	600
	.10	2600	2100	1900	1800	1800	1700	1400	1200	700	200	0	0
	.90	3700	3700	3600	3600	3300	3200	3200	3100	2500	2300	2100	1900
	.50	3000	3000	2600	2400	2300	2200	2200	2100	1600	1300	900	800
	.10	2600	2600	2100	1900	1900	1800	1700	1500	900	200	0	0
	.90	3300	3100	3000	2900	2700	2600	2500	2400	2000	1700	1400	1300
	.50	3000	2600	2400	2300	2200	2200	1800	1700	1400	900	600	500
	.10	2600	2100	1900	1800	1800	1700	1400	1200	700	200	0	0
	.90	3300	3300	3200	3000	2700	2600	2500	2500	2100	1800	1600	1400
	.50	3000	3000	2500	2300	2300	2200	2100	1700	1500	1000	700	600
	.10	2600	2600	2000	1800	1800	1700	1700	1200	800	200	0	0
	.90	3700	3700	3700	3700	3300	3300	3200	3200	2600	2300	2200	2000
	.50	3000	3000	2600	2500	2400	2300	2200	2100	1600	1400	1000	800
	.10	2600	2600	2100	2000	1800	1800	1700	1600	1000	300	0	0
5300	.90	3300	3300	3100	3000	2700	2600	2500	2400	2000	1700	1500	1300
	.50	3000	3000	2500	2300	2300	2200	2100	1700	1400	1000	700	500
	.10	2600	2600	2000	1800	1800	1700	1700	1200	800	200	0	0
	.90	3300	3300	3200	3100	2900	2700	2600	2500	2200	1900	1700	1500
	.50	3000	3000	2600	2300	2300	2200	2100	1800	1500	1100	800	600
	.10	2600	2600	2100	1800	1800	1700	1700	1200	800	200	0	0
	.90	3300	3300	3200	3100	2900	2700	2600	2500	2200	1900	1700	1500
	.50	3000	3000	2600	2300	2300	2200	2100	1800	1500	1100	800	600
	.10	2600	2600	2100	1800	1800	1700	1700	1200	800	200	0	0
	.90	3700	3700	3700	3700	3600	3300	3300	3200	2700	2400	2200	2100
	.50	3000	3000	2800	2600	2400	2300	2200	2200	1600	1400	1100	900
	.10	2600	2600	2800	2600	2400	2300	2200	1700	1600	1400	1100	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- APRIL INCUBATION MONTH -- JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3300	3200	3000	2700	2700	2600	2500	2100	1700	1500	1400	
	.50	3000	2600	2300	2300	2200	2100	1800	1500	1000	700	600	
	.10	2600	2100	1800	1800	1900	1700	1300	800	200	0	0	
	.90	3300	3300	3100	3000	2700	2700	2600	2200	2000	1700	1600	
	.50	3000	2600	2500	2300	2200	2200	2100	1500	1100	800	600	
	.10	2600	2100	2000	1300	1800	1700	1600	1000	200	0	0	
	.90	3800	3800	3700	3700	3400	3300	3300	2900	2500	2300	2100	
	.50	3000	3000	2600	2500	2400	2300	2200	1700	1500	1200	900	
	.10	2600	2600	2100	1400	1800	1700	1700	1100	400	0	0	
5500	.90	3300	3300	3100	2800	2700	2600	2500	2100	1800	1600	1400	
	.50	3000	2600	2500	2300	2200	2200	2100	1500	1100	800	600	
	.10	2600	2100	2000	1800	1800	1700	1600	1000	200	0	0	
	.90	3300	3300	3100	3100	2800	2700	2700	2300	2100	1800	1600	
	.50	3000	2800	2500	2400	2300	2200	2200	1500	1200	800	700	
	.10	2600	2300	2000	1800	1800	1700	1600	1100	300	0	0	
	.90	3800	3800	3800	3700	3400	3300	3300	2900	2500	2300	2200	
	.50	3000	3000	2800	2500	2400	2300	2300	1700	1500	1300	1000	
	.10	2600	2600	2100	1300	1800	1900	1700	1200	400	0	0	
5600	.90	3300	3300	3200	2900	2700	2700	2600	2200	1800	1600	1500	
	.50	3000	2800	2500	2400	2300	2200	2200	1500	1100	800	600	
	.10	2600	2300	2000	1800	1800	1700	1600	1100	300	0	0	
	.90	3300	3300	3200	3100	2900	2800	2700	2300	2100	1800	1700	
	.50	3000	3000	2600	2400	2300	2200	2200	1600	1200	900	700	
	.10	2600	2600	2100	1800	1800	1700	1700	1100	300	0	0	
	.90	3800	3800	3800	3700	3600	3400	3300	3000	2500	2300	2200	
	.50	3100	3000	2800	2600	2500	2400	2300	1900	1600	1300	1100	
	.10	2600	2600	2100	1900	1900	1800	1700	1200	400	100	0	
5700	.90	2600	2600	2100	1900	1800	1800	1700	1200	400	100	0	
	.50	3300	3300	3200	2900	2800	2700	2600	2200	1900	1700	1500	
	.10	3000	3000	2600	2400	2300	2200	2200	1600	1100	800	600	
	.90	3300	3300	3200	3100	3000	2800	2700	2400	2100	1900	1700	
	.50	2600	2600	2100	1800	1800	1700	1700	1100	300	0	0	
	.10	2600	2600	2100	1800	1800	1700	1700	1100	300	0	0	
	.90	3300	3300	3200	3100	3000	2800	2700	2400	2100	1900	1700	
	.50	3000	3000	2600	2500	2400	2300	2200	1600	1300	900	700	
	.10	2600	2600	2100	1900	1900	1800	1700	1100	400	0	0	
	.90	3900	3800	3800	3800	3700	3400	3300	3100	2600	2300	2200	
	.50	3200	3000	2800	2600	2500	2400	2300	2100	1600	1400	1100	
	.10	2700	2600	2400	2000	2500	1800	1800	1200	500	100	0	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCURATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3300	3300	3300	3200	3000	2800	2700	2700	2300	2000	1700	1600
	.50	3000	3000	3000	2600	2500	2400	2300	2200	1600	1200	800	700
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1100	400	0	0
	.90	3300	3300	3300	3200	3200	3100	2900	2800	2500	2200	2000	1800
	.50	3000	3000	3000	2800	2500	2400	2300	2300	1600	1300	1000	800
	.10	2600	2600	2600	2100	1900	1800	1800	1700	1200	400	0	0
	.90	3900	3900	3900	3900	3800	3700	3600	3400	3100	2700	2400	2300
	.50	3200	3000	3000	3000	2600	2600	2500	2400	2100	1600	1400	1200
	.10	2700	2600	2600	2500	2000	1800	1800	1800	1400	500	100	0
	.90	3300	3300	3300	3300	3000	2900	2800	2700	2400	2100	1800	1600
5900	.90	3000	3000	3000	2800	2500	2400	2300	2300	1600	1200	900	700
	.50	2600	2600	2600	2100	1900	1800	1800	1700	1200	400	0	0
	.10	3500	3300	3300	3200	3200	3100	3000	2900	2500	2200	2100	1800
	.90	3100	3000	3000	2800	2600	2500	2400	2300	1700	1300	1000	800
	.50	2600	2600	2600	2400	1900	1800	1800	1800	1200	400	0	0
	.10	3900	3900	3900	3900	3300	3800	3700	3400	3200	2900	2500	2300
	.90	3200	3000	3000	3000	2500	2600	2500	2500	2200	1600	1500	1300
	.50	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	100	0
	.10	3500	3300	3300	3300	3100	3000	2900	2800	2500	2100	1800	1700
	.90	3100	3000	3000	2800	2500	2500	2400	2300	1700	1300	900	700
6000	.90	2600	2600	2600	2400	1900	1800	1800	1800	1200	400	0	0
	.50	3900	3900	3900	3900	3300	3800	3700	3400	3200	2900	2500	2300
	.10	3200	3000	3000	3000	2500	2600	2500	2500	2200	1600	1500	1300
	.90	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	100	0
	.50	3500	3300	3300	3300	3100	3000	2900	2800	2500	2100	1800	1700
	.90	3100	3000	3000	2800	2500	2500	2400	2300	1700	1300	900	700
	.50	2600	2600	2600	2400	1900	1800	1800	1800	1200	400	0	0
	.10	3600	3600	3300	3300	3200	3200	3100	3000	2600	2300	2100	2000
	.90	3200	3000	3000	3000	2500	2500	2500	2400	2400	1400	1100	800
	.50	2700	2600	2600	2600	2700	1800	1800	1800	1200	500	100	0
6100	.90	4100	3900	3900	3900	3900	3800	3700	3600	3200	2900	2600	2300
	.50	3700	3000	3000	3000	2700	2600	2600	2500	2200	1700	1500	1300
	.10	3200	2600	2600	2600	2100	1900	1800	1800	1600	700	100	0
	.90	3600	3300	3300	3300	3100	3000	3000	2900	2500	2200	1900	1700
	.50	3200	3000	3000	3000	2500	2500	2500	2400	1700	1300	1000	800
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1200	500	0	0
	.90	3600	3600	3600	3300	3300	3200	3200	3100	2700	2400	2200	2100
	.50	3200	3000	3000	3000	2600	2600	2600	2500	2000	1500	1100	900
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1400	500	100	0
	.90	3600	3600	3600	3300	3300	3200	3200	3100	2700	2400	2200	2100
6200	.90	3200	3000	3000	3000	2500	2500	2500	2400	1700	1300	1000	800
	.50	2700	2600	2600	2600	2000	1800	1800	1800	1200	500	0	0
	.10	3600	3600	3600	3300	3300	3200	3200	3100	2700	2400	2200	2100
	.90	3200	3000	3000	3000	2600	2600	2600	2500	2000	1500	1100	900
	.50	2700	2600	2600	2600	2000	1800	1800	1800	1400	500	100	0
	.10	3600	3600	3600	3300	3300	3200	3200	3100	2700	2400	2200	2100
	.90	3200	3000	3000	3000	2600	2600	2600	2500	2000	1500	1100	900
	.50	2700	2600	2600	2600	2000	1800	1800	1800	1400	500	100	0
	.10	3600	3600	3600	3300	3300	3200	3200	3100	2700	2400	2200	2100
	.90	3200	3000	3000	3000	2600	2600	2600	2500	2000	1500	1100	900
6300	.90	4400	4400	4400	4400	3900	3900	3800	3700	3300	3000	2700	2400
	.50	3700	3200	3000	3000	2800	2700	2700	2600	2200	1700	1600	1400
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1400	700	200	0
	.90	4000	3700	3700	3700	3700	3700	3700	3700	3300	3000	2700	2400
	.50	3400	3200	3200	3200	2800	2800	2800	2800	2400	2100	1800	1600
	.10	2900	2700	2600	2600	2100	1900	1900	1800	1400	700	200	0
	.90	4100	3800	3800	3800	3800	3800	3800	3800	3400	3100	2800	2400
	.50	3500	3300	3300	3300	2900	2900	2900	2900	2500	2200	1900	1700
	.10	3000	2800	2800	2800	2300	2300	2300	2300	1900	1600	1400	1400
	.90	4200	3900	3900	3900	3900	3900	3900	3900	3500	3200	2900	2400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- APRIL INCUBATION MONTH -- JULY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	3600	3300	3300	3300	3100	3000	3000	2900	2600	2200	2000	1800
	.50	3200	3000	3000	3000	2600	2600	2500	2400	2000	1400	1000	800
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1400	500	100	0
	.50	3700	3700	3600	3600	3300	3300	3200	3100	2800	2500	2300	2100
	.50	3200	3000	3000	3000	2700	2600	2500	2500	2100	1500	1200	900
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1800	1600	100	0
	.90	4500	4500	4500	4500	4500	4400	3900	3900	3400	3100	2800	2500
	.50	3700	3200	3000	3000	2800	2800	2700	2700	2300	2000	1600	1500
	.10	3200	2700	2600	2600	2100	2000	1900	1900	1700	800	200	0
	.90	3600	3300	3300	3300	3200	3100	3000	3000	2600	2200	2100	1800
6300	.50	3200	3000	3000	3000	2700	2600	2500	2500	2100	1400	1100	800
	.10	2700	2600	2600	2600	2100	1900	1800	1800	1600	600	100	0
	.90	4100	3700	3700	3700	3300	3300	3300	3200	2900	2600	2300	2200
	.50	3700	3000	3000	3000	2800	2600	2600	2500	2200	1600	1300	1000
	.10	3200	2600	2600	2600	2100	1900	1800	1800	1600	700	100	0
	.90	4500	4500	4500	4500	4500	4500	4400	4400	3400	3200	3000	2700
	.50	3700	3300	3000	3000	2900	2800	2800	2800	2500	2100	1700	1600
	.10	3200	2800	2600	2600	2400	2000	1900	1900	1700	800	200	100
	.90	4100	3300	3300	3300	3200	3100	3100	3000	2700	2300	2100	1900
	.50	3700	3000	3000	3000	2800	2600	2600	2500	2200	1500	1100	800
6400	.10	3200	2600	2600	2600	2100	1900	1800	1800	1600	700	100	0
	.90	4500	4500	4500	4500	4500	4500	4400	4400	3400	3200	3000	2700
	.50	3700	3300	3000	3000	2900	2800	2800	2800	2500	2100	1700	1600
	.10	3200	2800	2600	2600	2400	2000	1900	1900	1700	800	200	100
	.90	4100	3300	3300	3300	3200	3100	3100	3000	2700	2300	2100	1900
	.50	3700	3000	3000	3000	2800	2600	2600	2500	2200	1500	1100	800
	.10	3200	2600	2600	2600	2100	1900	1800	1800	1600	700	100	0
	.90	4100	3700	3700	3700	3600	3600	3300	3300	3000	2600	2400	2200
	.50	3700	3200	3000	3000	2800	2800	2700	2600	2200	1600	1400	1100
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0
6500	.90	4600	4600	4600	4600	4500	4500	4500	4500	3800	3300	3100	2800
	.50	3700	3600	3200	3000	2900	2900	2900	2800	2700	2200	1700	1600
	.10	3200	3100	2700	2600	2400	2100	2000	1900	1700	1000	300	100
	.90	4100	3600	3300	3300	3200	3200	3100	3100	2700	2300	2200	2000
	.50	3700	3200	3000	3000	2800	2700	2600	2600	2200	1500	1200	900
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0
	.90	4100	3800	3800	3700	3700	3700	3300	3300	3100	2700	2400	2300
	.50	3700	3200	3000	3000	2900	2900	2600	2600	2200	1600	1400	1200
	.10	3200	2700	2600	2600	2400	2000	1900	1900	1700	800	200	0
	.90	4600	4600	4600	4600	4600	4600	4600	4500	3900	3300	3200	3000
6600	.50	3700	3600	3300	3100	3000	2900	2900	2900	2800	2300	1900	1700
	.10	3200	3100	2800	2700	2600	2600	2600	2600	2300	1800	1000	200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - APRIL INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
6600	.90	4100	3600	3400	3300	3300	3200	3200	3100	2800	2400	2200	2100
	.50	3700	3200	3000	3000	2900	2700	2500	2600	2200	1500	1200	900
	.10	3200	2700	2600	2600	2400	2000	1900	1900	1700	800	100	0
	.90	4100	3800	3800	3800	3700	3600	3400	3300	3100	2800	2500	2300
	.50	3700	3300	3100	3000	2900	2800	2700	2600	2300	1700	1500	1200
	.10	3200	2800	2700	2600	2400	2000	1900	1900	1700	800	200	0
	.90	5300	5300	5300	4700	4500	4600	4600	4600	4000	3400	3200	3100
	.50	3700	3700	3600	3300	3000	3000	2900	2900	2800	2400	2100	1700
	.10	3200	3200	2800	2700	2600	2200	2100	2000	1800	1100	300	200
6700	.90	4100	3700	3600	3600	3300	3300	3200	3200	2900	2500	2300	2100
	.50	3700	3300	3100	3000	2900	2800	2700	2600	2300	1600	1300	1000
	.10	3200	2800	2700	2600	2400	2000	1900	1900	1700	800	200	0
	.90	4100	4000	3800	3800	3300	3600	3400	3300	3200	2800	2500	2300
	.50	3700	3600	3200	3000	3000	2800	2800	2700	2400	1700	1500	1300
	.10	3200	3100	2700	2600	2600	2100	2000	1900	1800	1000	200	0
	.90	5300	5300	5300	5300	5300	4700	4700	4600	4500	3500	3300	3200
	.50	3700	3700	3600	3600	3500	3100	3000	3000	2900	2600	2200	1900
	.10	3200	3200	2900	2800	2600	2300	2100	2100	1800	1100	400	300
6800	.90	4100	4000	3700	3600	3400	3300	3300	3200	3000	2600	2400	2200
	.50	3700	3600	3200	3000	3000	2800	2800	2700	2300	1600	1400	1100
	.10	3200	3100	2700	2600	2600	2100	2000	1900	1800	1000	200	0
	.90	4100	4000	3800	3800	3800	3700	3600	3400	3200	2900	2600	2300
	.50	3700	3600	3300	3100	3000	2900	2900	2700	2300	1800	1600	1400
	.10	3200	3100	2800	2700	2600	2100	2100	2000	1800	1100	200	0
	.90	5300	5300	5300	5300	5300	4700	4700	4700	4600	3800	3400	3300
	.50	4600	3700	3600	3600	3600	3600	3300	3100	2900	2800	2300	2100
	.10	4100	3200	2900	2800	2600	2400	2200	2100	1800	1200	700	300
6900	.90	4100	4000	3700	3700	3600	3300	3300	3300	3100	2700	2500	2300
	.50	3700	3600	3300	3100	3000	2900	2800	2700	2300	1700	1500	1200
	.10	3200	3100	2800	2700	2600	2100	2100	2000	1800	1100	200	0
	.90	4100	4100	3900	3900	3800	3700	3700	3400	3300	3000	2700	2400
	.50	3700	3700	3300	3200	3000	2900	2900	2800	2400	2000	1600	1400
	.10	3200	3200	2800	2700	2600	2200	2100	2100	1800	1100	300	0
	.90	5400	5400	5400	5400	5300	5300	5300	4700	4600	4000	3500	3300
	.50	4600	3700	3700	3700	3700	3600	3600	3400	3000	2800	2400	2200
	.10	4100	3200	2900	2900	2700	2400	2300	2200	1800	1300	800	400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - JULY

SPawning Q	EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000	.90		4100	4100	3700	3700	3700	3400	3300	3300	3100	2700	2500	2300
	.50		3700	3700	3300	3200	3000	2900	2900	2800	2400	1700	1500	1200
	.10		3200	3200	2800	2700	2600	2200	2100	2100	1800	1100	300	0
	.90	.50	4100	4100	3900	3900	3900	3800	3700	3600	3300	3000	2700	2500
	.50	.10	3700	3700	3400	3300	3100	3000	2900	2800	2400	2100	1600	1500
	.10	.90	3200	3200	2900	2800	2500	2400	2200	2100	1800	1100	300	100
	.90	.50	5400	5400	5400	5400	5400	5300	5300	5300	4700	4400	3700	3400
	.50	.10	4600	3800	3700	3700	3700	3700	3600	3600	3000	2900	2600	2200
	.10		4100	3300	3100	2900	2700	2600	2400	2300	1900	1400	1000	400

.13.11.42LP, 2.965, , FBSM001, TH, 00

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH - MAY INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	600	600	500	400	200	100	0	0	0	0	0	0
	.50	200	200	100	0	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	700	700	600	600	600	400	300	100	0	0	0	0
	.50	300	300	200	200	100	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	2100	2000	1900	1900	1900	1100	1000	1000	800	300	100	0
	.50	600	500	500	400	300	200	200	100	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
1500	.90	600	600	600	500	300	100	0	0	0	0	0	0
	.50	200	200	200	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	900	800	800	700	500	500	400	300	0	0	0	0
	.50	400	400	300	200	200	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	2000	2000	2000	1900	1900	1200	1000	1000	900	500	200	100
	.50	600	600	500	500	400	300	200	100	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
1600	.90	700	600	600	600	400	200	100	0	0	0	0	0
	.50	200	200	200	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1100	900	800	800	700	600	500	400	0	0	0	0
	.50	500	400	400	300	200	100	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
	.90	2000	2000	2000	2000	1900	1200	1100	1000	900	600	200	100
	.50	700	600	500	500	400	300	200	200	0	0	0	0
	.10	400	200	200	200	0	0	0	0	0	0	0	0
1700	.90	700	700	600	600	500	400	200	100	0	0	0	0
	.50	300	300	200	200	100	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1200	1100	1000	900	800	700	600	500	100	0	0	0
	.50	500	500	400	400	300	200	100	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	2000	2000	2000	2000	2000	1800	1100	1100	1000	700	400	200
	.50	800	600	600	500	500	400	300	200	0	0	0	0
	.10	500	200	200	200	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1900	.90	800	800	700	700	500	400	300	100	0	0	0	0
	.50	400	400	300	200	200	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1300	1300	1100	1000	900	700	600	600	100	0	0	0
	.50	500	500	500	400	300	200	100	100	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	2000	2000	2000	2000	2000	1900	1200	1100	1000	800	500	200
	.50	800	800	600	500	500	400	300	300	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
1900	.90	900	800	800	700	600	500	400	300	0	0	0	0
	.50	500	400	400	300	200	100	0	0	0	0	0	0
	.10	200	100	100	0	0	0	0	0	0	0	0	0
	.90	1500	1400	1300	1100	900	800	700	600	200	0	0	0
	.50	700	500	500	500	400	200	200	100	0	0	0	0
	.10	400	200	200	200	0	0	0	0	0	0	0	0
	.90	2400	2400	2100	2000	2000	1900	1300	1200	1000	900	600	300
	.50	800	800	600	600	500	400	400	300	100	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
2000	.90	1100	900	900	800	700	600	500	400	0	0	0	0
	.50	500	500	400	400	200	200	100	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1500	1500	1300	1200	900	900	700	700	400	0	0	0
	.50	800	500	500	500	400	300	200	200	0	0	0	0
	.10	500	200	200	200	100	0	0	0	0	0	0	0
	.90	2400	2400	2400	2100	2000	2000	1900	1400	1100	900	700	500
	.50	800	800	600	600	500	500	400	400	100	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1600	1600	1400	1200	1000	900	900	700	500	100	0	0
	.50	800	800	500	500	500	300	300	200	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
2100	.90	1100	900	900	900	700	600	600	500	0	0	0	0
	.50	500	500	500	400	300	200	100	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	1600	1600	1400	1200	1000	900	900	700	500	100	0	0
	.50	800	800	500	500	500	300	300	200	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
	.90	2500	2500	2400	2400	2100	2000	2000	1900	1100	1000	800	600
	.50	1300	1300	800	600	500	500	500	400	200	0	0	0
	.10	900	900	500	200	200	100	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING #UA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.	-----											
2200	.90	1100	900	900	900	800	700	600	600	100	0	0	0
	.50	700	500	500	500	300	200	200	100	0	0	0	0
	.10	400	200	200	200	0	0	0	0	0	0	0	0
	.90	1700	1700	1500	1300	1100	900	900	800	600	100	0	0
	.50	800	800	600	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	2500	2500	2500	2500	2100	2100	2000	2000	1200	1000	900	700
	.50	1300	1300	1300	800	600	500	500	500	200	0	0	0
	.10	900	900	900	500	200	200	100	0	0	0	0	0
2300	.90	1200	1100	900	900	900	700	700	600	100	0	0	0
	.50	800	500	500	500	400	300	200	200	0	0	0	0
	.10	500	200	200	200	100	0	0	0	0	0	0	0
	.90	1800	1700	1600	1400	1100	1000	900	900	600	200	0	0
	.50	800	800	600	500	500	400	300	300	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	2500	2500	2500	2500	2400	2100	2100	2000	1400	1100	900	800
	.50	1400	1300	1300	1300	600	600	500	500	300	0	0	0
	.10	1000	900	900	900	200	200	100	100	0	0	0	0
2400	.90	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.50	800	800	500	500	500	300	200	200	0	0	0	0
	.10	500	500	200	200	100	0	0	0	0	0	0	0
	.90	1900	1800	1700	1500	1200	1000	900	900	700	300	100	0
	.50	1000	800	700	600	500	500	400	300	100	0	0	0
	.10	700	500	400	200	200	100	0	0	0	0	0	0
	.90	2600	2600	2600	2500	2500	2200	2100	2100	1500	1100	1000	900
	.50	1400	1400	1300	1300	800	600	600	500	300	100	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
2500	.90	1200	1200	1100	1000	900	900	700	700	400	0	0	0
	.50	800	800	500	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1900	1900	1700	1500	1200	1000	900	900	700	400	100	0
	.50	1000	800	800	600	500	500	400	400	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	2600	2600	2600	2500	2500	2200	2100	2100	1500	1100	1000	900
	.50	1400	1400	1300	1300	800	600	600	500	300	100	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
	.90	1200	1200	1100	1000	900	900	700	700	400	0	0	0
	.50	800	800	500	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1900	1900	1700	1500	1200	1000	900	900	700	400	100	0
	.50	1000	800	800	600	500	500	400	400	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	2600	2600	2600	2600	2500	2200	2100	2100	1800	1100	1000	900
	.50	1400	1400	1300	1300	1000	700	600	600	300	100	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
	.90	1200	1200	1100	1000	900	900	700	700	400	0	0	0
	.50	800	800	500	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0
	.90	1900	1900	1700	1500	1200	1000	900	900	700	400	100	0
	.50	1000	800	800	600	500	500	400	400	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	2600	2600	2600	2600	2500	2200	2100	2100	1800	1100	1000	900
	.50	1400	1400	1300	1300	1000	700	600	600	300	100	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
	.90	1200	1200	1100	1000	900	900	700	700	400	0	0	0
	.50	800	800	500	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1200	1200	1200	1000	900	900	800	700	400	0	0	0
	.50	800	600	500	500	500	400	300	300	0	0	0	0
	.10	500	200	200	200	200	0	0	0	0	0	0	0
	.90	2000	1800	1700	1200	1100	1100	1000	1000	800	500	200	0
	.50	1300	800	800	500	500	500	500	400	200	0	0	0
	.10	900	500	500	200	200	200	100	0	0	0	0	0
	.90	2600	2600	2600	2500	2500	2400	2200	2100	1800	1100	1000	900
	.50	1800	1400	1400	1300	1300	800	700	600	400	200	0	0
	.10	1400	1000	1000	900	900	400	200	200	0	0	0	0
2700	.90	1400	1200	1100	1000	1000	900	900	800	500	0	0	0
	.50	1000	800	700	600	500	500	400	300	0	0	0	0
	.10	700	500	400	200	200	100	0	0	0	0	0	0
	.90	2100	1900	1800	1500	1500	1200	1000	1000	900	600	200	100
	.50	1300	1300	800	600	600	500	500	400	200	0	0	0
	.10	1000	900	500	200	200	200	100	0	0	0	0	0
	.90	2700	2600	2600	2500	2500	2500	2200	2100	1900	1100	1000	900
	.50	1900	1800	1400	1300	1300	900	800	700	500	200	0	0
	.10	1500	1400	1000	900	900	500	300	200	0	0	0	0
2800	.90	1400	1200	1200	1000	1000	900	900	900	600	100	0	0
	.50	1000	800	800	500	500	500	400	300	100	0	0	0
	.10	700	500	500	200	200	100	0	0	0	0	0	0
	.90	2100	2100	1900	1500	1500	1200	1100	1000	900	600	300	100
	.50	1400	1300	1300	800	800	500	500	500	200	0	0	0
	.10	1000	900	900	500	500	200	200	100	0	0	0	0
	.90	2700	2700	2700	2600	2600	2500	2400	2200	1900	1200	1100	900
	.50	1900	1900	1800	1400	1400	1200	800	800	500	200	100	0
	.10	1500	1500	1400	1000	1000	800	400	200	0	0	0	0
2900	.90	1800	1800	1200	1100	1100	1000	900	900	600	200	0	0
	.50	1300	1300	800	500	500	500	500	400	100	0	0	0
	.10	900	500	500	200	200	200	100	0	0	0	0	0
	.90	2100	1900	1900	1800	1800	1200	1200	1000	900	700	400	200
	.50	1400	1400	1300	800	800	600	500	500	200	0	0	0
	.10	1000	900	900	500	500	200	200	100	0	0	0	0
	.90	2700	2700	2700	2600	2600	2500	2400	2200	1900	1200	1100	900
	.50	1900	1900	1800	1400	1400	1200	800	800	500	200	100	0
	.10	1500	1500	1400	1000	1000	800	400	200	0	0	0	0
	.90	1800	1800	1200	1100	1100	1000	900	900	600	200	0	0
	.50	1300	1300	800	500	500	500	500	400	100	0	0	0
	.10	900	500	500	200	200	200	100	0	0	0	0	0
	.90	2100	1900	1900	1800	1800	1200	1200	1000	900	700	400	200
	.50	1400	1400	1300	800	800	600	500	500	200	0	0	0
	.10	1000	1000	900	500	500	200	200	100	0	0	0	0
	.90	2700	2700	2700	2600	2600	2600	2500	2300	2000	1300	1100	1000
	.50	1900	1900	1900	1400	1400	1300	900	800	600	300	100	0
	.10	1500	1500	1500	1000	1000	900	500	400	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH -- MAY INCUBATION MONTH -- JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
3000	.90	1800	1800	1800	1200	1200	1000	900	900	700	300	0	0
	.50	1300	1300	1300	800	600	500	500	400	200	0	0	0
	.10	1000	900	900	500	200	200	100	0	0	0	0	0
	.90	2100	2100	1900	1900	1800	1400	1200	1100	900	700	500	200
	.50	1400	1400	1300	1300	1200	700	500	500	300	0	0	0
	.10	1000	1000	900	900	800	200	200	200	0	0	0	0
	.90	2700	2700	2700	2700	2700	2600	2500	2400	2000	1500	1100	1000
	.50	1900	1900	1900	1800	1400	1300	1000	900	600	300	100	0
	.10	1500	1500	1500	1400	1000	900	700	500	0	0	0	0
3100	.90	1900	1800	1800	1800	1200	1100	1000	900	700	300	0	0
	.50	1400	1300	1300	1300	800	500	500	500	200	0	0	0
	.10	1000	900	900	900	500	200	200	100	0	0	0	0
	.90	2300	2100	2000	1900	1800	1600	1200	1200	1000	800	600	300
	.50	1800	1400	1400	1400	1300	800	600	500	300	0	0	0
	.10	1400	1000	1000	1000	900	500	200	200	0	0	0	0
	.90	3200	3200	3200	3200	2700	2700	2600	2500	2100	1700	1200	1100
	.50	1900	1900	1900	1900	1400	1300	1300	1200	700	300	200	100
	.10	1500	1500	1500	1500	1000	1000	900	500	100	0	0	0
3200	.90	1900	1900	1800	1800	1300	1200	1000	1000	700	400	100	0
	.50	1400	1400	1300	1300	800	600	500	500	200	0	0	0
	.10	1000	1000	900	900	500	200	200	100	0	0	0	0
	.90	2400	2300	2100	1900	1700	1800	1500	1300	1000	800	700	400
	.50	1900	1800	1400	1400	1300	900	800	600	300	0	0	0
	.10	1500	1400	1000	1000	900	600	400	200	0	0	0	0
	.90	3300	3300	3300	3300	3300	3200	2700	2700	2200	1800	1300	1100
	.50	2200	1900	1900	1900	1400	1400	1400	1300	800	500	300	100
	.10	1800	1500	1500	1500	1000	1000	900	600	100	0	0	0
3300	.90	1900	1900	1800	1800	1600	1200	1100	1000	800	500	200	0
	.50	1400	1400	1300	1300	1200	600	500	500	300	0	0	0
	.10	1000	1000	900	900	800	200	200	200	0	0	0	0
	.90	2400	2400	2300	2000	1900	1800	1700	1500	1000	900	700	500
	.50	1900	1900	1800	1400	1400	1200	900	800	300	100	0	0
	.10	1500	1500	1400	1000	1000	900	500	300	0	0	0	0
	.90	3300	3300	3300	3300	3300	3200	3200	3200	2400	1900	1600	1200
	.50	2200	1900	1900	1900	1400	1400	1400	1400	900	600	300	200
	.10	1800	1500	1500	1500	1000	1000	900	700	200	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- MAY INCUBATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2300	1900	1900	1900	1800	1300	1200	1100	900	600	200	0
	.50	1800	1400	1400	1400	1300	800	600	500	300	0	0	0
	.10	1400	1000	1000	1000	900	500	200	200	0	0	0	0
	.90	2400	2400	2400	2000	1900	1900	1300	1600	1100	900	800	600
	.50	1900	1900	1900	1400	1400	1300	900	800	400	100	0	0
	.10	1500	1500	1500	1000	1000	900	600	400	0	0	0	0
	.90	3400	3400	3400	3400	3400	3300	3300	3300	2600	2000	1800	1300
	.50	2200	2000	1900	1900	1700	1500	1400	1400	1200	700	400	200
	.10	1800	1600	1500	1500	1400	1000	900	900	200	0	0	0
3500	.90	2400	2300	1900	1900	1800	1500	1200	1200	900	600	300	100
	.50	1900	1800	1400	1400	1300	900	800	600	300	0	0	0
	.10	1500	1400	1000	1000	900	600	300	200	0	0	0	0
	.90	2400	2400	2400	2300	1900	1900	1800	1700	1100	900	800	700
	.50	1900	1900	1900	1800	1400	1300	1200	900	500	100	0	0
	.10	1500	1500	1500	1400	1000	900	900	500	100	0	0	0
	.90	3400	3400	3400	3400	3400	3400	3400	3300	2700	2100	1900	1500
	.50	2200	2000	2000	1900	1800	1500	1500	1500	1300	800	500	300
	.10	1800	1600	1600	1500	1500	1000	1000	900	300	0	0	0
3600	.90	2400	2400	2300	1900	1900	1600	1400	1200	900	700	400	200
	.50	1900	1900	1800	1400	1400	1200	800	700	300	0	0	0
	.10	1500	1500	1400	1000	1000	900	500	300	0	0	0	0
	.90	2400	2400	2400	2400	2000	1900	1900	1800	1200	1000	900	700
	.50	1900	1900	1900	1900	1400	1300	1200	1000	500	100	0	0
	.10	1500	1500	1500	1500	1000	1000	900	600	100	0	0	0
	.90	4100	4100	4100	3500	3400	3400	3400	3400	2800	2200	1900	1700
	.50	2200	2200	2200	2000	1900	1600	1500	1500	1400	900	600	300
	.10	1800	1800	1600	1600	1500	1000	1000	900	400	0	0	0
3700	.90	2400	2400	2400	1900	1900	1800	1500	1300	900	700	500	200
	.50	1900	1900	1900	1400	1400	1300	900	800	400	100	0	0
	.10	1500	1500	1500	1000	1000	900	600	400	0	0	0	0
	.90	2700	2400	2400	2400	2000	1900	1900	1900	1200	1000	900	800
	.50	2200	1900	1900	1900	1400	1400	1300	1000	500	200	0	0
	.10	1800	1500	1500	1500	1000	1000	900	700	100	0	0	0
	.90	4100	4100	4100	4100	4100	3500	3500	3400	3300	2400	2000	1800
	.50	2200	2200	2200	2200	2200	1900	1800	1800	1500	1000	700	400
	.10	1800	1800	2200	1600	1500	1000	1000	1000	400	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
SPANNING MONTH - MAY INCUBATION MONTH - JUNE

Q	SPANNING INCUBATION EXC.	SPANNING MONTH - MAY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
3800	.90	2400	2400	2400	2300	1900	1800	1600	1500	1000	800	600	300	.50	1900	1900	1900	1800	1400	1200	900	900	400	100	0	0	.10	1500	1500	1500	1400	1000	900	900	500	0	0	0	0	.90	2700	2400	2400	2400	2000	2000	1900	1900	1400	1100	900	800	.50	2200	1900	1900	1900	1500	1400	1300	1200	600	200	0	0	.10	1800	1500	1500	1500	1100	1000	900	900	200	0	0	0	.90	4100	4100	4100	4100	4100	4100	3500	3500	3400	2600	2100	1900	.50	2200	2200	2200	2200	2200	2200	2000	1800	1500	1300	800	500	.10	1800	1800	1600	1600	1500	1100	1000	1000	500	0	0	0	.90	2400	2400	2400	2400	1900	1900	1700	1600	1000	800	600	300	.50	1900	1900	1900	1900	1400	1300	1200	900	500	100	0	0	.10	1500	1500	1500	1500	1000	1000	900	600	100	0	0	0	.90	2700	2500	2400	2400	2300	2000	2000	1900	1500	1100	1000	900	.50	2200	2000	1900	1900	1800	1400	1300	1300	700	300	100	0	.10	1800	1600	1500	1500	1500	1000	1000	1000	300	0	0	0	.90	4200	4200	4200	4200	4100	4100	4100	3500	3400	2800	2200	2000	.50	2300	2300	2300	2300	2200	2200	2200	2000	1600	1400	900	700	.10	1900	1800	1600	1600	1500	1400	1000	1000	500	0	0	0	.90	2700	2400	2400	2400	1900	1900	1800	1600	1100	900	700	400	.50	2200	1900	1900	1900	1400	1400	1300	1000	500	100	0	0	.10	1800	1500	1500	1500	1000	1000	900	700	100	0	0	0	.90	2700	2500	2500	2400	2400	2100	2000	2000	1600	1200	1100	900	.50	2200	2000	2000	1900	1800	1400	1400	1300	800	300	100	0	.10	1800	1600	1600	1500	1500	1000	1000	900	400	0	0	0	.90	4200	4200	4200	4200	4200	4100	4100	4100	3500	3200	2300	2100	.50	2400	2300	2300	2300	2300	2300	2200	2200	1600	1400	1000	800	.10	1900	1900	1900	1900	1500	1500	1000	1000	500	0	0	0	.90	2700	2400	2400	2400	2000	1900	1800	1700	1200	900	700	500	.50	2200	1900	1900	1900	1500	1400	1300	1200	500	200	0	0	.10	1800	1500	1500	1500	1100	1000	900	900	200	0	0	0	.90	2700	2700	2500	2500	2400	2200	2100	2000	1700	1300	1100	1000	.50	2200	2200	2000	2000	1900	1400	1400	1300	800	300	100	0	.10	1800	1800	1600	1600	1500	1000	1000	900	400	0	0	0	.90	4200	4200	4200	4200	4200	4100	4100	4100	3500	3200	2300	2100	.50	2400	2300	2300	2300	2300	2300	2200	2200	1600	1400	1000	800	.10	1900	1900	1900	1900	1500	1500	1000	1000	500	0	0	0	.90	2700	2700	2700	2400	2400	2000	1800	1700	1200	900	700	500	.50	2200	2200	2000	2000	1900	1400	1300	1200	500	200	0	0	.10	1800	1800	1500	1500	1500	1000	1000	900	200	0	0	0	.90	2700	2700	2500	2500	2400	2200	2100	2000	1700	1300	1100	1000	.50	2200	2200	2000	2000	1900	1400	1400	1300	800	300	100	0	.10	1800	1800	1600	1600	1500	1000	1000	900	400	0	0	0	.90	4200	4200	4200	4200	4200	4200	4200	4100	3500	3300	2500	2200	.50	2400	2300	2300	2300	2300	2300	2200	2200	1700	1500	1200	800	.10	1900	1900	1900	1600	1600	1600	1000	1000	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2700	2500	2400	2400	2200	1900	1900	1700	1200	900	800	600
	.50	2200	2000	1900	1900	1800	1400	1300	1300	600	200	0	0
	.10	1800	1600	1500	1500	1500	1000	1000	900	200	0	0	0
	.90	2700	2700	2500	2500	2500	2400	2100	2100	1800	1400	1100	1000
	.50	2200	2200	2000	2000	1900	1500	1400	1300	900	400	100	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	500	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3600	3400	2700	2300
	.50	2400	2300	2300	2300	2300	2300	2300	2300	1800	1600	1400	900
	.10	1900	1900	1700	1600	1500	1500	1300	1000	500	0	0	0
4300	.90	2700	2500	2500	2400	2300	1900	1900	1800	1300	1000	800	600
	.50	2200	2000	2000	1900	1800	1400	1400	1300	800	300	0	0
	.10	1800	1600	1600	1500	1500	1000	1000	900	300	0	0	0
	.90	2700	2700	2500	2500	2500	2400	2200	2100	1900	1500	1200	1100
	.50	2200	2200	2000	2000	1900	1800	1400	1300	900	400	200	0
	.10	1800	1800	1600	1600	1500	1400	1000	1000	500	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3600	3500	2900	2400
	.50	2700	2300	2300	2300	2300	2300	2300	2300	1900	1600	1400	1000
	.10	2400	1900	1800	1600	1500	1500	1400	1100	600	0	0	0
4400	.90	2700	2700	2500	2500	2400	2000	1900	1800	1400	1000	900	700
	.50	2200	2200	2000	2000	1900	1400	1400	1300	800	300	0	0
	.10	1800	1800	1600	1600	1500	1000	1000	1000	400	0	0	0
	.90	2800	2700	2600	2600	2500	2400	2300	2200	1900	1500	1200	1100
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	500	200	100
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3700	3500	3300	2500
	.50	2700	2400	2300	2300	2300	2300	2300	2300	2000	1700	1500	1200
	.10	2400	1900	1800	1600	1600	1500	1500	1400	800	0	0	0
4500	.90	2700	2700	2500	2500	2400	2000	1900	1900	1500	1000	900	700
	.50	2200	2200	2000	2000	1900	1400	1400	1300	800	300	100	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	500	0	0	0
	.90	2800	2700	2600	2600	2500	2400	2300	2200	2000	1700	1500	1200
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	500	200	100
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3700	3500	3300	2500
	.50	2700	2400	2300	2300	2300	2300	2300	2300	2000	1700	1500	1200
	.10	2400	1900	1800	1600	1600	1500	1500	1400	800	0	0	0
	.90	2700	2700	2500	2500	2400	2000	1900	1900	1500	1000	900	700
	.50	2200	2200	2000	2000	1900	1400	1400	1300	800	300	100	0
	.10	1800	1800	1600	1600	1500	1100	1000	1000	500	0	0	0
	.90	2800	2700	2600	2600	2500	2400	2400	2200	2000	1600	1200	1100
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	500	300	100
	.10	1900	1800	1600	1600	1600	1500	1000	1000	500	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	4100	3600	3400	2700
	.50	2700	2400	2400	2400	2300	2300	2300	2300	2200	1700	1600	1400
	.10	2400	1900	1900	1700	1600	1600	1500	1400	900	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH -- MAY INCUBATION MONTH -- JUNE

SPawning Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4600	.90	2700	2700	2500	2500	2400	2200	1900	1900	1500	1100	900	800
	.50	2200	2200	2000	2000	1900	1800	1400	1300	900	300	100	0
	.10	1800	1800	1600	1600	1500	1400	1000	1000	500	0	0	0
	.90	3100	2800	2600	2600	2500	2500	2400	2300	2000	1600	1300	1100
	.50	2700	2300	2000	2000	1900	1900	1500	1400	900	600	300	100
	.10	2400	1900	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	4300	4300	4300	4300	4300	4200	4200	4200	4100	3600	3400	2800
	.50	2700	2700	2400	2400	2400	2400	2300	2300	2200	1800	1600	1400
	.10	2400	2400	1900	1800	1600	1600	1500	1500	900	100	0	0
4700	.90	2800	2700	2500	2500	2400	2200	1900	1900	1600	1100	1000	900
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	3100	3000	2700	2600	2600	2500	2500	2400	2100	1700	1400	1100
	.50	2700	2400	2200	2000	1900	1900	1800	1400	900	600	300	200
	.10	2400	1900	1800	1600	1600	1500	1400	1000	500	0	0	0
4800	.90	4300	4300	4300	4300	4300	4300	4300	4200	4200	3600	3500	3000
	.50	2700	2700	2400	2400	2400	2400	2400	2300	2300	1800	1700	1500
	.10	2400	2400	1900	1800	1600	1600	1500	1500	900	100	0	0
	.90	2800	2700	2500	2500	2400	2200	2000	1900	1600	1200	1000	900
	.50	2300	2200	2000	2000	1900	1800	1400	1400	900	400	100	0
	.10	1900	1800	1600	1600	1500	1500	1000	1000	500	0	0	0
	.90	3100	3100	2800	2700	2600	2600	2500	2500	2100	1800	1400	1200
	.50	2700	2700	2300	2300	2000	1900	1800	1500	1000	600	300	200
	.10	2400	2400	1800	1600	1500	1500	1200	1200	600	0	0	0
4900	.90	4300	4300	4300	4300	4300	4300	4300	4300	4200	3700	3500	3300
	.50	2700	2700	2400	2400	2400	2400	2400	2400	2300	1900	1700	1600
	.10	2400	2400	2100	1900	1600	1600	1600	1500	1000	200	0	0
	.90	3100	2800	2500	2500	2400	2300	2000	1900	1600	1200	1000	900
	.50	2700	2300	2000	2000	1900	1900	1500	1400	900	400	100	0
	.10	2400	1900	1600	1600	1600	1500	1100	1000	500	0	0	0
	.90	3100	3100	2800	2700	2700	2600	2500	2500	2100	1800	1500	1200
	.50	2700	2700	2300	2100	2000	1900	1900	1800	1100	700	400	200
	.10	2400	2400	1900	1700	1600	1600	1500	1400	800	0	0	0
	.90	4300	4300	4300	4300	4300	4300	4300	4300	4200	3700	3600	3400
	.50	2800	2700	2700	2400	2400	2400	2400	2400	2300	1900	1800	1700
	.10	2400	2400	2400	2400	1700	1600	1600	1600	1000	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING INCUBATION MONTH - MAY INCUBATION MONTH - JUNE

Q	EXC.	SPAWNING INCUBATION											
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5000	.90	3100	3000	2700	2500	2400	2300	2100	2000	1600	1200	1000	1000
	.50	2700	2400	2200	2000	1900	1900	1700	1400	1000	500	200	0
	.10	2400	1900	1800	1600	1600	1500	1400	1000	500	0	0	0
	.90	3100	3100	2800	2700	2700	2600	2600	2500	2200	1900	1600	1300
	.50	2700	2700	2300	2200	2000	1900	1900	1800	1200	700	400	300
	.10	2400	2400	1900	1800	1500	1600	1500	1400	900	100	0	0
	.90	4300	4300	4300	4300	4300	4300	4300	4300	4200	3800	3600	3400
	.50	2900	2700	2700	2400	2400	2400	2400	2400	2300	2000	1800	1700
	.10	2500	2400	2400	1900	1700	1600	1600	1600	1000	300	100	0
5100	.90	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1100	1000
	.50	2700	2700	2200	2000	2000	1900	1800	1400	1000	500	200	0
	.10	2400	2400	1800	1600	1600	1500	1500	1000	600	0	0	0
	.90	3200	3200	3200	3200	3100	2700	2700	2600	2300	2000	1700	1400
	.50	2700	2700	2400	2300	2000	2000	1900	1900	1300	800	500	300
	.10	2400	2400	2100	1800	1500	1600	1500	1500	900	100	0	0
	.90	4300	4300	4300	4300	4300	4300	4300	4300	4200	3800	3600	3500
	.50	2900	2700	2700	2500	2400	2400	2400	2400	2300	2100	1900	1700
5200	.90	2500	2400	2400	2200	1800	1700	1500	1600	1400	400	100	0
	.50	2100	2100	2800	2600	2500	2400	2300	2200	1800	1300	1100	1000
	.10	1700	1700	2300	2100	2000	1900	1800	1800	1000	500	200	0
	.90	2400	2400	1900	1700	1600	1600	1500	1300	700	0	0	0
	.50	3300	3300	3300	3300	3300	3200	2800	2700	2500	2100	1900	1600
	.10	2700	2700	2700	2300	2000	2000	1900	1900	1400	800	600	300
	.90	2400	2400	2400	1900	1600	1600	1600	1500	900	200	0	0
	.50	4300	4300	4300	4300	4300	4300	4300	4300	4200	3900	3700	3500
5300	.90	2900	2700	2700	2500	2400	2400	2400	2400	2300	2200	1900	1800
	.50	2500	2400	2400	2200	1800	1700	1600	1600	1400	500	100	0
	.10	3100	3100	2800	2700	2500	2400	2300	2300	1900	1400	1200	1100
	.90	2700	2700	2300	2200	2000	1900	1900	1800	1100	600	300	0
	.50	2400	2400	1900	1800	1600	1600	1500	1400	800	100	0	0
	.10	3300	3300	3300	3300	3300	3200	3200	3200	2600	2200	1900	1700
	.90	2700	2700	2700	2300	2100	2000	2000	1900	1400	900	700	400
	.50	2400	2400	2400	1900	1700	1600	1600	1500	1000	200	0	0
	.10	4300	4300	4300	4300	4300	4300	4300	4300	4200	3900	3700	3600
	.90	3400	4300	4300	4300	4300	4300	4300	4300	4200	3900	3700	3600
	.50	3000	2700	2700	2700	2400	2400	2400	2400	2200	2000	2000	1800
	.10	3400	2700	2700	2700	2400	2400	2400	2400	2200	2000	2000	1800

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH - MAY INCUBATION MONTH - JUNE

Q	SPAWNING INCUBATION EXC.	INCUBATION MONTH - JUNE											
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5400	.90	3100	3100	2900	2800	2500	2400	2300	1900	1500	1200	1100	
	.50	2700	2700	2400	2300	1900	1900	1900	1200	600	300	100	
	.10	2400	2400	2100	1800	1600	1500	1500	900	100	0	0	
	.90	3400	3400	3400	3400	3300	3300	3300	2700	2200	2000	1900	
	.50	2800	2700	2700	2400	2000	2000	2000	1500	1100	800	500	
	.10	2400	2400	2400	1900	1600	1600	1600	1000	200	0	0	
	.90	4800	4400	4400	4300	4300	4300	4300	4300	4000	3700	3600	
	.50	3400	2900	2700	2700	2400	2400	2400	2400	2200	2000	1900	
	.10	3000	2500	2400	2400	1900	1800	1700	1500	600	100	0	
	.90	3100	3100	3100	2800	2600	2500	2400	2000	1500	1300	1100	
5500	.50	2700	2700	2700	2300	2000	1900	1900	1300	700	300	100	
	.10	2400	2400	2400	1900	1600	1500	1500	900	200	0	0	
	.90	3400	3400	3400	3400	3400	3400	3300	2700	2400	2100	1900	
	.50	2900	2700	2700	2500	2200	2000	2000	1500	1300	800	600	
	.10	2500	2400	2400	2200	1800	1600	1600	1000	300	0	0	
	.90	4800	4800	4400	4400	4400	4300	4300	4300	4100	3800	3600	
	.50	3400	3100	2700	2700	2500	2400	2400	2400	2300	2000	1900	
	.10	3000	2500	2400	2400	1900	1800	1700	1500	700	100	100	
	.90	3100	3100	3100	2900	2600	2500	2500	2100	1600	1400	1200	
	.50	2700	2700	2700	2300	2000	1900	1900	1300	700	400	200	
5600	.10	2400	2400	2400	1900	1600	1600	1600	1000	200	0	0	
	.90	4100	4100	4100	3500	3400	3400	3400	3100	2500	2200	2000	
	.50	2900	2700	2700	2700	2300	2100	2000	1800	1400	900	700	
	.10	2500	2400	2400	2400	1800	1600	1600	1300	400	0	0	
	.90	4800	4800	4400	4400	4400	4300	4300	4300	4100	3800	3600	
	.50	3400	3100	3000	2700	2500	2500	2500	2400	2300	2000	1900	
	.10	3000	2600	2400	2400	1900	1800	1800	1500	700	100	100	
	.90	3300	3100	3100	2900	2700	2600	2500	2100	1600	1400	1200	
	.50	2600	2700	2700	2400	2000	2000	2000	1900	1300	400	200	
	5700	.10	2400	2400	2400	1900	1600	1600	1600	1000	200	0	0
.90		4100	4100	4100	4100	4400	4300	4300	4300	4100	3800	3700	
.50		3400	3100	3000	2700	2500	2500	2500	2400	2300	2100	1900	
.10		3000	2600	2400	2400	1900	1800	1700	1500	800	200	100	
.90		3300	3100	3100	2900	2700	2600	2500	2100	1800	1400	1200	
.50		2600	2700	2700	2400	2000	2000	2000	1900	1300	400	200	
.10		2400	2400	2400	1900	1600	1600	1600	1000	200	0	0	
.90		4100	4100	4100	4100	4100	3500	3400	3300	2600	2300	2100	
.50		2900	2700	2700	2700	2300	2200	2200	2100	1400	1000	800	
.10		2500	2400	2400	2400	1900	1700	1600	1600	500	0	0	
5800	.90	4800	4800	4800	4400	4400	4400	4300	4300	4100	3900	3700	
	.50	3400	3300	3100	2900	2700	2500	2500	2400	2300	2100	2000	
	.10	3000	2900	2700	2700	2300	2200	2200	1600	1000	500	0	
	.90	4800	4800	4800	4400	4400	4400	4300	4300	4100	3900	3700	
5900	.50	3400	3300	3100	2900	2700	2500	2500	2400	2300	2100	2000	
	.10	3000	2900	2700	2700	2300	2200	2200	1600	1000	500	0	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MAY INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q	EXC.	EXC.											
5800	.90	3400	3100	2900	2700	2600	2600	2600	2500	2200	1900	1500	1300
	.50	2900	2700	2500	2200	2000	2000	2000	2000	1400	800	500	300
	.10	2500	2400	2200	1800	1600	1600	1600	1600	1000	300	0	0
	.90	4100	4100	4100	4100	4100	4100	3500	3500	3400	2800	2400	2200
	.50	3400	2700	2700	2300	2200	2200	2200	2200	1900	1500	1300	900
	.10	3000	2400	2400	1900	1700	1700	1700	1600	1500	500	0	0
	.90	4800	4800	4400	4400	4400	4400	4400	4400	4300	4200	3900	3700
	.50	3400	3100	3000	2700	2500	2500	2500	2500	2400	2300	2200	2000
	.10	3000	2900	2400	2400	2000	2000	1900	1800	1600	900	200	100
5900	.90	3400	3100	3100	2800	2700	2700	2600	2600	2300	1900	1600	1300
	.50	2900	2700	2700	2300	2100	2100	2000	2000	1500	800	500	300
	.10	2500	2400	2400	1800	1600	1600	1600	1600	1200	300	0	0
	.90	4200	4200	4200	4100	4100	4100	3500	3500	3400	2900	2600	2300
	.50	3400	2700	2700	2400	2300	2300	2200	2200	2000	1600	1400	900
	.10	3000	2500	2400	1900	1800	1700	1700	1600	1500	600	0	0
	.90	4800	4800	4400	4400	4400	4400	4400	4400	4300	4200	3900	3700
	.50	3400	3100	3100	2700	2600	2600	2500	2500	2400	2300	2200	2000
	.10	3000	3000	2500	2400	2100	2100	1900	1900	1600	900	200	100
6000	.90	3400	3100	3100	2800	2700	2700	2700	2600	2400	2000	1700	1300
	.50	2900	2700	2700	2300	2100	2100	2100	2000	1800	800	600	300
	.10	2500	2400	2400	1900	1700	1700	1600	1600	1400	400	0	0
	.90	4200	4200	4200	4200	4100	4100	4100	4100	3500	3200	2700	2400
	.50	3400	2900	2700	2400	2300	2300	2300	2300	2100	1700	1500	1100
	.10	3000	2500	2400	1900	1800	1800	1700	1700	1500	600	0	0
	.90	4800	4800	4400	4400	4400	4400	4400	4400	4300	4200	3900	3700
	.50	3400	3100	3100	2700	2600	2600	2500	2500	2400	2300	2200	2000
	.10	3000	3000	2600	2400	2100	2100	1900	1900	1600	900	200	100
6100	.90	3900	3100	3100	2800	2700	2700	2700	2600	2400	2000	1700	1400
	.50	3400	2700	2700	2300	2200	2200	2100	2100	1800	900	600	300
	.10	3000	2400	2400	1900	1700	1700	1600	1600	1400	500	0	0
	.90	4200	4200	4200	4200	4100	4100	4100	4100	3500	3200	2700	2400
	.50	3400	2900	2700	2400	2300	2300	2300	2300	2100	1700	1500	1100
	.10	3000	2500	2400	1900	1800	1800	1700	1700	1500	600	0	0
	.90	4800	4800	4400	4400	4400	4400	4400	4400	4300	4200	3900	3700
	.50	3400	3100	3100	2700	2600	2600	2500	2500	2400	2400	2200	2100
	.10	3000	3000	2600	2400	2200	2200	2000	1900	1600	1000	300	100
	.90	3900	3100	3100	2800	2700	2700	2600	2600	2400	2000	1700	1400
	.50	3400	2700	2700	2300	2200	2200	2100	2100	1800	900	600	300
	.10	3000	2400	2400	1900	1700	1700	1600	1600	1400	500	0	0
	.90	4200	4200	4200	4200	4100	4100	4100	4100	3500	3300	2800	2500
	.50	3400	2900	2700	2400	2300	2300	2300	2300	2200	1800	1600	1300
	.10	3000	2600	2400	2200	1900	1900	1800	1700	1500	700	0	0
	.90	4800	4800	4400	4400	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3100	2900	2700	2700	2600	2500	2400	2400	2300	2100
	.10	3900	3000	2600	2400	2200	2200	2000	2000	1600	1000	300	100
	.90	4800	4800	4400	4400	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3100	2900	2700	2700	2600	2500	2400	2400	2300	2100
	.10	3900	3000	2600	2400	2200	2200	2000	2000	1600	1000	300	100

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- MAY INCUBATION MONTH -- JUNE

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	3900	3400	3100	3100	2900	2800	2700	2700	2500	2100	1800	1500
	.50	3400	2900	2700	2700	2400	2200	2100	2100	1900	900	700	400
	.10	3000	2500	2400	2400	1900	1700	1700	1600	1500	500	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3600	3400	2900	2600
	.50	3400	3300	2900	2700	2500	2400	2300	2300	2200	1900	1600	1400
	.10	3000	2900	2500	2400	2200	1900	1800	1800	1600	800	0	0
	.90	4800	4800	4800	4400	4400	4400	4400	4400	4300	4200	4000	3700
	.50	4300	3400	3100	3100	3000	2800	2700	2600	2500	2400	2300	2100
	.10	3900	3000	2700	2700	2500	2300	2200	2100	1700	1200	400	200
6300	.90	3900	3400	3100	3100	2900	2800	2800	2700	2500	2100	1900	1600
	.50	3400	2900	2700	2700	2400	2200	2200	2100	1900	900	700	400
	.10	3000	2500	2400	2400	1900	1800	1700	1700	1500	600	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3600	3500	3100	2700
	.50	3400	3300	3000	2800	2700	2400	2400	2300	2300	1900	1700	1500
	.10	3000	2900	2600	2500	2400	1900	1900	1800	1600	900	0	0
	.90	4800	4800	4800	4400	4400	4400	4400	4400	4300	4200	4000	3700
	.50	4300	3500	3300	3100	3100	2800	2700	2700	2500	2400	2300	2100
	.10	3900	3100	2900	2700	2500	2400	2300	2200	1700	1300	500	200
6400	.90	3900	3500	3100	3100	3000	2900	2800	2700	2600	2200	1900	1700
	.50	3400	3000	2700	2700	2500	2300	2200	2200	1900	1000	700	500
	.10	3000	2600	2400	2400	2200	1800	1700	1700	1500	600	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3700	3500	3300	2800
	.50	3400	3400	3000	2900	2700	2500	2400	2300	2300	2000	1700	1600
	.10	3000	3000	2600	2500	2400	2000	1900	1900	1600	900	100	0
	.90	4800	4800	4800	4500	4400	4400	4400	4400	4300	4200	4000	3700
	.50	4300	3900	3400	3200	3100	2900	2800	2700	2500	2400	2300	2100
	.10	3900	3500	3000	2800	2600	2400	2400	2200	1700	1400	500	200
6500	.90	3900	3800	3400	3200	3200	3000	2900	2800	2600	2200	2000	1800
	.50	3400	3300	2900	2700	2500	2300	2300	2200	1900	1200	800	600
	.10	3000	2900	2500	2400	2200	1900	1800	1700	1500	800	0	0
	.90	4300	4300	4300	4300	4200	4200	4200	4200	4100	3600	3400	2900
	.50	3400	3400	3100	3000	2700	2600	2500	2400	2300	2100	1800	1600
	.10	3000	3000	2700	2600	2400	2100	2000	1900	1600	1000	200	0
	.90	4800	4800	4800	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	4000	3400	3300	3100	3000	2900	2800	2500	2400	2300	2100
	.10	3900	4000	3400	3300	3100	3000	2900	2800	2500	2400	2300	2100
	.90	4800	4800	4800	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	4000	3400	3300	3100	3000	2900	2800	2500	2400	2300	2100
	.10	3900	3600	3000	2900	2700	2500	2400	2300	1800	1500	600	200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MAY INCUBATION MONTH - JUNE

SPawning INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
6600	.90	3900	3800	3500	3300	3200	3100	3000	2700	2400	2100	1900
	.50	3400	3300	3000	2700	2400	2300	2300	2000	1300	800	600
	.10	3000	2900	2600	2400	1900	1900	1800	1600	800	0	0
	.90	4800	4300	4300	4300	4200	4200	4200	4100	3600	3400	3100
	.50	4300	3400	3100	2700	2700	2500	2500	2300	2200	1800	1700
	.10	3900	3000	2700	2400	2200	2100	2000	1600	1000	200	0
	.90	4800	4800	4800	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	4000	3500	3100	3000	2900	2800	2500	2400	2300	2200
	.10	3900	3600	3100	2700	2500	2400	2400	1800	1500	600	200
6700	.90	3900	3900	3500	3300	3300	3300	3200	2800	2500	2200	2000
	.50	3400	3400	3000	2700	2500	2400	2300	2000	1400	900	700
	.10	3000	3000	2600	2400	2000	1900	1800	1600	900	0	0
	.90	4800	4300	4300	4300	4300	4300	4200	4200	3600	3500	3200
	.50	4300	3400	3100	2800	2700	2600	2500	2300	2200	1900	1700
	.10	3900	3000	2700	2500	2300	2200	2100	1700	1200	300	0
	.90	4800	4800	4800	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	4000	3500	3200	3000	2900	2800	2500	2400	2300	2200
	.10	3900	3600	3100	2800	2500	2500	2400	1900	1500	600	200
6800	.90	3900	3900	3600	3400	3400	3300	3300	2900	2600	2200	2100
	.50	3400	3400	3100	2700	2500	2400	2400	2000	1500	1000	800
	.10	3000	3000	2700	2400	2100	1900	1900	1600	900	100	0
	.90	4800	4300	4300	4300	4300	4300	4300	4200	3700	3500	3300
	.50	4300	3500	3300	2900	2800	2700	2600	2400	2200	1900	1800
	.10	3900	3100	2900	2500	2400	2200	2200	1700	1300	400	0
	.90	4800	4800	4800	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3900	3500	3300	3100	3000	2900	2500	2400	2300	2200
	.10	3900	3500	3100	2900	2600	2500	2400	1900	1500	700	200
6900	.90	4800	4800	4800	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3600	3400	3400	3400	3400	3100	2700	2300	2200
	.10	3900	3900	3600	3400	3400	3400	3400	3100	2700	2300	2100
	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3100	2700	2600	2500	2400	2000	1500	1200	800
	.10	3900	3400	3100	2700	2400	2200	2200	1600	1000	100	0
	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3900	3500	3300	3100	3000	2900	2500	2400	2300	2200
	.10	3900	3500	3100	2900	2600	2500	2400	1900	1500	700	200
6900	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3100	2700	2600	2500	2400	2000	1500	1200	800
	.10	3900	3400	3100	2700	2400	2200	2200	1600	1000	100	0
	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3900	3500	3300	3100	3000	2900	2500	2400	2300	2200
	.10	3900	3500	3100	2900	2600	2500	2400	1900	1500	700	200
6900	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3100	2700	2600	2500	2400	2000	1500	1200	800
	.10	3900	3400	3100	2700	2400	2200	2200	1600	1000	100	0
	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3900	3500	3300	3100	3000	2900	2500	2400	2300	2200
	.10	3900	3500	3100	2900	2600	2500	2400	1900	1500	700	200
6900	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3100	2700	2600	2500	2400	2000	1500	1200	800
	.10	3900	3400	3100	2700	2400	2200	2200	1600	1000	100	0
	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3900	3500	3300	3100	3000	2900	2500	2400	2300	2200
	.10	3900	3500	3100	2900	2600	2500	2400	1900	1500	700	200
6900	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3100	2700	2600	2500	2400	2000	1500	1200	800
	.10	3900	3400	3100	2700	2400	2200	2200	1600	1000	100	0
	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3900	3500	3300	3100	3000	2900	2500	2400	2300	2200
	.10	3900	3500	3100	2900	2600	2500	2400	1900	1500	700	200
6900	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3400	3100	2700	2600	2500	2400	2000	1500	1200	800
	.10	3900	3400	3100	2700	2400	2200	2200	1600	1000	100	0
	.90	4800	4400	4500	4400	4400	4400	4400	4300	4200	3900	3700
	.50	4300	3900	3500	3300	3100	3000	2900	2500	2400	2300	2200
	.10	3900	3500	3100	2900	2600	2500	2400	1900	1500	700	200

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	4800	4100	3600	3500	3400	3400	3400	3200	2700	2400	2200
	.50	.50	4300	3100	3100	2800	2700	2600	2500	2100	1600	1300	900
	.10	.10	3900	3000	2700	2500	2200	2100	2000	1600	1100	200	0
	.90	.90	4800	4500	4300	4300	4300	4300	4300	4200	3800	3600	3500
	.50	.50	4300	4000	3300	3100	2900	2800	2700	2400	2300	2000	1900
	.10	.10	3900	3600	3000	2700	2400	2400	2300	1800	1400	500	100
	.90	.90	4800	4800	4400	4400	4400	4400	4400	4300	4200	3900	3700
	.50	.50	4300	3600	3500	3400	3100	3000	2900	2500	2400	2300	2200
	.10	.10	3900	3200	3100	3000	2600	2500	2400	1900	1500	800	200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MAY INCUBATION MONTH - JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	900	800	700	600	500	300	300	200	100	0	0	0
	.50	500	500	400	300	100	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1800	1800	1800	1600	1200	1100	1000	800	600	300	200	100
	.50	600	600	500	500	400	300	100	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	3300	3200	3100	3100	3100	2300	2200	2200	1900	1300	1000	700
	.50	1600	1500	1400	1400	1400	800	700	600	500	100	0	0
	.10	400	400	300	300	200	100	0	0	0	0	0	0
1500	.90	900	800	800	700	600	400	300	300	100	0	0	0
	.50	500	500	500	400	200	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	2000	2000	1800	1800	1300	1200	1000	1000	600	300	200	100
	.50	800	700	600	600	500	400	300	100	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
	.90	3200	3200	3200	3100	3100	2300	2200	2200	2000	1300	1100	800
	.50	1500	1500	1500	1400	1400	900	700	600	500	200	0	0
	.10	400	400	400	300	200	100	100	0	0	0	0	0
1600	.90	1000	900	800	800	600	500	400	300	200	0	0	0
	.50	600	500	500	500	300	100	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	2200	2100	2000	1800	1400	1200	1100	1000	600	400	200	200
	.50	1000	800	700	600	600	500	300	300	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	3200	3200	3200	3200	3100	2300	2200	2200	2100	1300	1100	900
	.50	1500	1500	1500	1500	1400	900	800	700	600	300	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
1700	.90	1000	1000	900	800	700	600	500	400	200	0	0	0
	.50	600	600	500	500	400	300	100	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	2400	2300	2200	2000	1600	1200	1200	1100	700	500	300	200
	.50	1000	800	800	700	600	500	500	400	0	0	0	0
	.10	400	400	300	300	100	100	0	0	0	0	0	0
	.90	3200	3200	3200	3200	3200	3000	2300	2200	2100	1400	1200	1000
	.50	1500	1500	1500	1500	1500	1300	800	800	600	400	100	0
	.10	700	400	400	400	300	200	100	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
1800	.90	1000	1000	1000	900	800	700	600	500	200	100	0	0
	.50	700	700	600	600	500	300	200	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
	.90	2500	2500	2300	2100	1800	1300	1200	1200	800	600	300	200
	.50	1000	800	800	800	700	600	500	500	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	3200	3200	3200	3200	3200	3100	2400	2300	2200	1500	1300	1100
	.50	1500	1500	1500	1500	1500	1400	900	800	600	500	300	0
	.10	700	700	400	400	300	200	200	100	0	0	0	0
1900	.90	1200	1100	1000	1000	900	800	600	600	300	100	0	0
	.50	800	700	700	600	500	400	300	200	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	2700	2600	2500	2300	1800	1400	1200	1200	900	600	400	300
	.50	1000	1000	900	800	800	600	600	500	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	3600	3600	3300	3200	3200	3100	2500	2400	2200	1600	1300	1100
	.50	1900	1900	1600	1500	1500	1400	1100	900	700	500	400	100
	.10	700	700	400	400	400	200	200	100	0	0	0	0
2000	.90	1400	1200	1100	1000	900	800	700	600	400	200	0	0
	.50	1000	800	800	700	600	500	400	300	0	0	0	0
	.10	400	400	300	300	100	100	0	0	0	0	0	0
	.90	2700	2700	2500	2400	1900	1400	1300	1200	1000	700	500	300
	.50	1100	1000	1000	900	800	700	600	600	200	0	0	0
	.10	700	400	400	400	300	200	100	100	0	0	0	0
	.90	3600	3600	3600	3300	3200	3200	3100	2600	2300	2000	1400	1200
	.50	1900	1900	1900	1600	1500	1500	1400	1000	700	600	500	300
	.10	700	700	400	400	400	300	200	200	0	0	0	0
2100	.90	1400	1200	1100	1100	1000	900	800	700	500	200	100	0
	.50	1000	800	800	800	600	500	500	400	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	2800	2800	2600	2400	2100	1700	1400	1300	1000	700	600	400
	.50	1100	1100	1000	900	800	800	700	600	300	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	3700	3700	3600	3600	3300	3200	3200	3100	2300	2100	1400	1300
	.50	2000	2000	1900	1900	1600	1500	1500	1400	800	600	500	400
	.10	1100	1100	700	400	400	300	200	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1400	1200	1100	1100	1000	900	900	800	500	200	100	0
	.50	1000	800	800	800	700	600	500	500	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	2900	2900	2700	2500	2100	1800	1400	1300	1100	800	600	500
	.50	1200	1200	1100	1000	900	800	700	600	400	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
	.90	3700	3700	3700	3700	3300	3300	3200	3200	2400	2200	1600	1400
	.50	2000	2000	2000	2000	1500	1600	1500	1500	900	700	600	400
	.10	1100	1100	1100	700	400	400	300	200	0	0	0	0
2300	.90	1400	1400	1200	1100	1100	1000	900	900	600	300	200	0
	.50	1100	1000	800	800	800	600	600	500	0	0	0	0
	.10	700	400	400	400	300	200	100	0	0	0	0	0
	.90	3000	2900	2800	2600	2100	2000	1600	1400	1200	900	700	500
	.50	1300	1200	1100	1100	900	800	800	700	500	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
	.90	3700	3700	3700	3700	3600	3300	3300	3200	2500	2200	1900	1400
	.50	2000	2000	2000	2000	1900	1600	1600	1600	1000	700	600	500
	.10	1200	1100	1100	1100	400	400	300	300	0	0	0	0
2400	.90	1800	1400	1300	1200	1100	1100	1000	1000	700	400	200	100
	.50	1100	1100	900	800	800	700	600	500	100	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	3100	3000	2900	2700	2100	2100	1800	1500	1200	1000	700	600
	.50	1400	1300	1200	1100	1000	800	800	800	500	100	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	3800	3800	3800	3700	3700	3400	3300	3300	2600	2200	2000	1500
	.50	2100	2100	2100	2000	2000	1700	1600	1600	1100	700	600	500
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0
2500	.90	1800	1500	1400	1300	1200	1100	1100	1000	700	500	200	100
	.50	1100	1100	1000	900	800	700	600	600	300	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	3100	3100	2900	2700	2200	2100	2000	1600	1300	1000	800	600
	.50	1400	1400	1200	1100	1100	900	800	800	500	200	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	3800	3800	3800	3800	3700	3400	3300	3300	2600	2200	2000	1500
	.50	2100	2100	2100	2000	2000	1700	1600	1600	1100	700	600	500
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0
	.90	1800	1500	1400	1300	1200	1100	1100	1000	700	500	200	100
	.50	1100	1100	1000	900	800	700	600	600	300	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	3100	3100	2900	2700	2200	2100	2000	1600	1300	1000	800	600
	.50	1400	1400	1200	1100	1100	900	800	800	500	200	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	3800	3800	3800	3800	3700	3400	3300	3300	2600	2200	2000	1500
	.50	2100	2100	2100	2000	2000	1700	1700	1600	1400	700	600	600
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0
	.90	1800	1500	1400	1300	1200	1100	1100	1000	700	500	200	100
	.50	1100	1100	1000	900	800	700	600	600	300	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	3100	3100	2900	2700	2200	2100	2000	1600	1300	1000	800	600
	.50	1400	1400	1200	1100	1100	900	800	800	500	200	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	3800	3800	3800	3800	3700	3400	3300	3300	2600	2200	2000	1500
	.50	2100	2100	2100	2000	2000	1700	1700	1600	1400	700	600	600
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
2500	.90	1800	1800	1500	1400	1300	1200	1100	1100	800	600	300	200
	.50	1100	1100	1100	900	800	800	700	600	300	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
	.90	3200	3200	3000	2800	2300	2100	2100	1800	1300	1100	900	700
	.50	1600	1600	1400	1200	1100	900	800	800	600	300	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0
	.90	3800	3800	3800	3800	3700	3600	3400	3300	2800	2200	2000	1500
	.50	2100	2100	2100	2100	2100	1900	1700	1600	1400	800	600	600
	.10	1600	1200	1200	1200	1100	600	400	400	100	0	0	0
2700	.90	1800	1800	1600	1500	1300	1200	1200	1100	900	600	400	200
	.50	1300	1100	1100	1000	900	800	800	700	400	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	3300	3200	3100	2900	2300	2100	2100	2000	1300	1100	900	800
	.50	1600	1600	1500	1500	1100	1000	800	800	600	300	0	0
	.10	1200	1100	1100	700	400	400	300	200	0	0	0	0
	.90	3900	3900	3800	3800	3800	3700	3400	3300	2900	2300	2100	1600
	.50	2200	2200	2100	2100	2100	2000	1700	1700	1500	800	700	600
	.10	1700	1600	1200	1200	1100	700	500	400	100	0	0	0
2800	.90	1800	1800	1800	1600	1400	1300	1200	1200	1000	700	500	300
	.50	1300	1100	1100	1100	900	800	800	700	500	0	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	3300	3300	3100	3000	2400	2200	2100	2100	1400	1200	1000	800
	.50	1700	1600	1600	1600	1200	1100	900	800	600	400	100	0
	.10	1200	1100	1100	1100	700	400	400	300	100	0	0	0
	.90	3900	3900	3900	3900	3800	3700	3600	3400	3100	2300	2100	1700
	.50	2200	2200	2200	2200	2100	2100	1900	1700	1500	900	700	600
	.10	1700	1700	1600	1200	1200	1000	600	400	200	0	0	0
2900	.90	2000	2000	1900	1800	1500	1400	1200	1200	1000	700	600	400
	.50	1600	1600	1100	1100	1000	800	800	800	500	0	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0
	.90	3300	3300	3100	3000	2400	2200	2100	2100	1400	1200	1100	900
	.50	1700	1700	1600	1600	1400	1100	1000	900	600	500	200	0
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0
	.90	3900	3900	3900	3900	3800	3700	3600	3400	3100	2300	2100	1700
	.50	2200	2200	2200	2200	2100	2100	1900	1700	1500	900	700	600
	.10	1700	1700	1600	1200	1200	1000	600	400	200	0	0	0
2900	.90	2000	2000	1900	1800	1500	1400	1200	1200	1000	700	600	400
	.50	1600	1600	1100	1100	1000	800	800	800	500	0	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0
	.90	3300	3300	3100	3000	2400	2200	2100	2100	1400	1200	1100	900
	.50	1700	1700	1600	1600	1400	1100	1000	900	600	500	200	0
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0
	.90	3900	3900	3900	3900	3800	3800	3700	3400	3100	2300	2100	1800
	.50	2200	2200	2200	2200	2100	2100	1900	1700	1500	900	700	700
	.10	1700	1700	1600	1100	1100	700	400	300	100	0	0	0
2900	.90	2000	2200	2200	2200	2200	2100	2000	1900	1600	1100	700	700
	.50	1600	1600	1100	1100	1000	800	700	600	500	200	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0
	.90	3300	3300	3100	3000	2400	2200	2100	2100	1400	1200	1100	900
	.50	1700	1700	1600	1600	1400	1100	1000	900	600	500	200	0
	.10	1200	1200	1100	1100	700	400	400	300	100	0	0	0
	.90	3900	3900	3900	3900	3800	3800	3700	3400	3100	2300	2100	1800
	.50	2200	2200	2200	2200	2100	2100	1900	1700	1500	900	700	700
	.10	1700	1700	1600	1100	1100	700	400	300	100	0	0	0
2900	.90	2000	2200	2200	2200	2200	2100	2000	1900	1600	1100	700	700
	.50	1600	1600	1100	1100	1000	800	700	600	500	200	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MAY INCUBATION MONTH - JULY

SPAWNING Q	INCUBATION EXC.	% OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:											
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3000	.90	2200	2100	2000	2000	1700	1400	1300	1200	1100	800	600	400
	.50	1600	1600	1100	1100	1100	900	800	800	500	100	0	0
	.10	1200	1100	1100	700	400	400	300	200	0	0	0	0
	.90	3300	3300	3100	2900	2400	2200	2200	2100	1600	1300	1100	900
	.50	1700	1700	1600	1600	1500	1100	1100	900	700	500	300	0
	.10	1200	1200	1100	1100	1000	400	400	400	100	0	0	0
	.90	3900	3900	3900	3900	3900	3800	3700	3600	3200	2300	2200	2000
	.50	2200	2200	2200	2200	2200	2100	2100	2000	1600	1200	800	700
	.10	1700	1700	1600	1600	1200	1100	900	700	200	0	0	0
3100	.90	2400	2300	2200	2000	1900	1500	1400	1300	1100	800	700	500
	.50	1700	1600	1600	1600	1100	900	800	800	600	200	0	0
	.10	1200	1100	1100	1100	700	400	400	300	0	0	0	0
	.90	3300	3300	3100	3000	2500	2200	2200	2100	1700	1300	1200	1000
	.50	2100	1700	1700	1700	1500	1300	1100	1000	700	500	300	100
	.10	1600	1200	1200	1200	1100	700	400	400	100	0	0	0
	.90	4400	4400	4400	4400	3900	3900	3800	3700	3300	2400	2200	2100
	.50	2700	2700	2700	2700	2200	2200	2100	2100	1700	1400	800	700
3200	.90	1700	1700	1700	1700	1200	1200	1100	700	300	0	0	0
	.50	2500	2500	2300	2100	2000	1700	1500	1400	1200	900	700	600
	.10	1700	1700	1600	1600	1100	1000	900	800	600	300	0	0
	.90	1200	1200	1100	1100	700	400	400	300	100	0	0	0
	.50	3300	3300	3100	3100	2700	2200	2200	2200	1900	1400	1200	1100
	.10	2200	2100	1700	1700	1600	1400	1300	1100	800	600	400	200
	.90	1700	1600	1200	1200	1100	800	600	400	200	0	0	0
	.50	4500	4500	4500	4500	4500	4400	3900	3900	3400	2800	2300	2100
	.10	2800	2800	2800	2800	2800	2700	2200	2200	1700	1500	1100	800
3300	.90	2000	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.50	2700	2600	2500	2300	2000	1800	1600	1500	1200	1000	800	600
	.10	1700	1700	1600	1600	1500	1100	900	800	600	300	0	0
	.90	1200	1200	1100	1100	1000	400	400	400	100	0	0	0
	.50	3300	3300	3100	3100	3000	2300	2200	2200	2000	1400	1300	1100
	.10	2200	2200	2100	1700	1700	1500	1400	1300	800	600	500	300
	.90	1700	1700	1600	1200	1200	1100	700	500	200	0	0	0
	.50	4500	4500	4500	4500	4500	4500	4400	4400	3400	3000	2300	2200
	.10	2800	2800	2800	2800	2800	2800	2700	2700	1900	1500	1300	800
3400	.90	2800	2800	2800	2800	2800	2800	2700	2700	1900	1500	1300	800
	.50	2000	1700	1700	1700	1200	1200	1100	900	400	100	0	0
	.10	1700	1700	1600	1600	1200	1100	700	500	200	0	0	0
	.90	1200	1200	1100	1100	1000	400	400	400	100	0	0	0
	.50	3300	3300	3100	3100	3000	2300	2200	2200	2000	1400	1300	1100
	.10	2200	2200	2100	1700	1700	1500	1400	1300	800	600	500	300
	.90	1700	1700	1600	1200	1200	1100	700	500	200	0	0	0
	.50	4500	4500	4500	4500	4500	4500	4400	4400	3400	3000	2300	2200
	.10	2800	2800	2800	2800	2800	2800	2700	2700	1900	1500	1300	800
3500	.90	2000	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.50	2700	2600	2500	2300	2000	1800	1600	1500	1200	1000	800	600
	.10	1700	1700	1600	1600	1500	1100	900	800	600	300	0	0
	.90	1200	1200	1100	1100	1000	400	400	400	100	0	0	0
	.50	3300	3300	3100	3100	3000	2300	2200	2200	2000	1400	1300	1100
	.10	2200	2200	2100	1700	1700	1500	1400	1300	800	600	500	300
	.90	1700	1700	1600	1200	1200	1100	700	500	200	0	0	0
	.50	4500	4500	4500	4500	4500	4500	4400	4400	3400	3000	2300	2200
	.10	2800	2800	2800	2800	2800	2800	2700	2700	1900	1500	1300	800

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- JULY

SPANNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3400	.90	2700	2700	2500	2400	2100	2000	1800	1600	1300	1000	800	700
	.50	2100	1700	1700	1700	1600	1100	1100	900	700	400	0	0
	.10	1600	1200	1200	1200	1100	700	400	400	100	0	0	0
	.90	3300	3200	3100	3100	3100	2500	2200	2200	2100	1500	1300	1200
	.50	2200	2200	2200	1700	1700	1600	1400	1400	800	600	500	400
	.10	1700	1700	1700	1200	1200	1100	800	600	200	0	0	0
	.90	4600	4600	4600	4600	4600	4500	4500	4500	3800	3100	2500	2300
	.50	2900	2900	2900	2900	2900	2800	2800	2800	2100	1600	1400	1100
	.10	2000	1800	1700	1700	1600	1200	1100	1100	400	200	0	0
3500	.90	2800	2800	2600	2500	2100	2000	1900	1700	1300	1100	900	700
	.50	2200	2100	1700	1700	1600	1300	1100	1000	700	400	100	0
	.10	1700	1600	1200	1200	1100	800	500	400	200	0	0	0
	.90	3200	3200	3200	3100	3100	2600	2300	2200	2100	1700	1400	1300
	.50	2200	2200	2200	2100	1700	1600	1500	1400	900	600	500	400
	.10	1700	1700	1700	1600	1200	1100	1100	700	300	0	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	4500	3900	3200	2800	2300
	.50	2900	2900	2900	2900	2900	2900	2900	2800	2200	1700	1500	1300
	.10	2000	1800	1800	1700	1700	1200	1200	1100	500	200	0	0
3600	.90	2900	2900	2700	2600	2200	2100	2000	1800	1400	1200	900	800
	.50	2200	2200	2100	1700	1700	1500	1200	1100	800	500	200	0
	.10	1700	1700	1600	1200	1200	1100	700	500	200	0	0	0
	.90	3200	3200	3200	3100	3100	2600	2300	2300	2100	1800	1400	1300
	.50	2200	2200	2200	2200	1700	1600	1500	1500	1000	700	600	500
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	5300	5300	5300	4700	4600	4600	4600	4600	4000	3300	3000	2400
	.50	3600	3600	3600	3000	2900	2900	2900	2900	2300	1700	1500	1400
	.10	2000	2000	1800	1800	1700	1200	1200	1100	600	300	100	0
	.90	3000	2900	2800	2600	2300	2100	2100	2000	1400	1200	1000	800
	.50	2200	2200	2200	1700	1700	1600	1400	1200	800	500	300	0
	.10	1700	1700	1700	1200	1200	1100	800	600	200	0	0	0
3700	.90	3200	3200	3200	3200	3200	3000	2400	2300	2200	1900	1500	1400
	.50	2500	2200	2200	2200	1700	1700	1600	1500	1100	700	600	500
	.10	2000	1700	1700	1700	1200	1200	1100	900	300	0	0	0
	.90	5300	5300	5300	5300	5300	4700	4700	4600	4500	3400	3200	2700
	.50	3600	3600	3600	3600	3600	3000	3000	2900	2800	2000	1600	1500
	.10	2000	2000	1800	1800	1700	1200	1200	1200	700	300	200	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- MAY INCUBATION MONTH -- JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	3100	3000	2900	2700	2500	2100	2100	2100	1500	1300	1100	900
	.50	2200	2200	2200	2100	1700	1600	1500	1300	800	600	300	0
	.10	1700	1700	1700	1600	1200	1100	1100	700	200	0	0	0
	.90	3200	3200	3200	3200	3200	3100	2600	2400	2200	2000	1600	1400
	.50	2500	2200	2200	2200	1800	1700	1600	1500	1200	700	600	500
	.10	2000	1700	1700	1700	1300	1200	1100	1100	400	0	0	0
	.90	5300	5300	5300	5300	5300	5300	4700	4700	4600	3800	3300	3000
	.50	3600	3600	3600	3600	3600	3600	3000	3000	2900	2200	1700	1500
	.10	2000	2000	1800	1800	1700	1300	1200	1200	700	400	200	0
3900	.90	3100	3100	2900	2700	2500	2100	2100	2100	1600	1300	1100	1000
	.50	2200	2200	2200	2200	1700	1600	1500	1400	800	600	400	100
	.10	1700	1700	1700	1700	1200	1200	1100	800	300	0	0	0
	.90	3600	3600	3300	3200	3200	3100	2600	2500	2300	2100	1700	1500
	.50	2500	2300	2200	2200	2100	1700	1600	1600	1400	800	700	600
	.10	2000	1800	1700	1700	1700	1200	1200	1100	500	0	0	0
	.90	5400	5400	5400	5400	5300	5300	5300	4700	4600	4000	3400	3100
	.50	3700	3700	3700	3700	3600	3600	3600	3000	2900	2300	1700	1600
	.10	2100	2000	1800	1800	1700	1600	1200	1200	1000	400	300	100
4000	.90	3200	3200	3000	2800	2500	2200	2100	2100	1700	1400	1200	1000
	.50	2500	2200	2200	2200	1700	1700	1600	1500	900	600	400	200
	.10	2000	1700	1700	1700	1200	1200	1100	900	300	0	0	0
	.90	3600	3600	3600	3300	3200	3200	3100	2600	2300	2100	1900	1600
	.50	2500	2300	2300	2200	2100	1700	1700	1600	1400	900	700	600
	.10	2000	1800	1800	1700	1700	1200	1200	1100	600	0	0	0
	.90	5400	5400	5400	5400	5400	5300	5300	5300	4700	4400	3500	3200
	.50	3700	3700	3700	3700	3700	3600	3600	3600	3000	2700	2000	1700
	.10	2100	2000	1800	1800	1700	1700	1200	1200	1000	500	300	200
4100	.90	3300	3200	3100	2900	2500	2300	2200	2100	1800	1400	1300	1100
	.50	2500	2200	2200	2200	1800	1700	1600	1500	1000	600	500	300
	.10	2000	1700	1700	1700	1300	1200	1100	1100	400	0	0	0
	.90	3700	3700	3600	3600	3300	3200	3200	3100	2400	2200	2000	1700
	.50	2500	2500	2300	2300	2200	1900	1700	1700	1500	1000	700	600
	.10	2000	2000	1800	1800	1700	1200	1200	1200	600	100	0	0
	.90	5400	5400	5400	5400	5400	5400	5400	5300	4700	4500	3700	3300
	.50	3700	3700	3700	3700	3700	3700	3700	3600	3000	2800	2200	1700
	.10	2100	2100	1800	1800	1700	1700	1200	1200	1100	500	400	200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	3300	3100	3000	2600	2400	2200	2200	1900	1500	1300	1200	
	.50	2500	2200	2200	2100	1700	1600	1600	1100	700	500	400	
	.10	2000	1700	1700	1700	1200	1200	1100	400	0	0	0	
	.90	3700	3700	3700	3300	3300	3200	3200	2500	2200	2100	1800	
	.50	2500	2300	2300	2200	2000	1800	1700	1500	1100	800	700	
	.10	2000	1800	1800	1700	1300	1200	1200	700	100	0	0	
	.90	5400	5400	5400	5400	5400	5400	5400	4800	4600	3900	3400	
	.50	3700	3700	3700	3700	3700	3700	3700	3100	2900	2300	1900	
	.10	2100	1900	1800	1800	1700	1500	1200	1100	600	400	300	
4300	.90	3300	3100	3000	2700	2500	2200	2200	1900	1500	1300	1200	
	.50	2500	2300	2200	2100	1700	1700	1600	1100	700	500	400	
	.10	2000	1800	1700	1700	1200	1200	1100	500	0	0	0	
	.90	3700	3700	3700	3600	3300	3200	3200	2600	2300	2100	1900	
	.50	2500	2300	2300	2200	2100	1900	1700	1500	1200	900	700	
	.10	2000	1800	1800	1700	1600	1200	1200	700	100	0	0	
	.90	5400	5400	5400	5400	5400	5400	5400	4800	4700	4100	3600	
	.50	3700	3700	3700	3700	3700	3700	3700	3100	3000	2400	2100	
	.10	2600	2100	2000	1800	1700	1600	1300	1100	700	500	300	
4400	.90	3300	3100	2900	2700	2600	2300	2200	2000	1600	1400	1300	
	.50	2500	2300	2300	2200	1700	1700	1600	1200	800	600	400	
	.10	2000	1800	1800	1700	1200	1200	1200	600	100	0	0	
	.90	3800	3800	3700	3700	3400	3300	3300	2700	2300	2200	2000	
	.50	2600	2500	2300	2200	2100	2000	1800	1600	1300	900	700	
	.10	2100	1800	1800	1700	1700	1200	1200	700	200	0	0	
	.90	5400	5400	5400	5400	5400	5400	5400	4900	4700	4500	3700	
	.50	3700	3700	3700	3700	3700	3700	3700	3200	3000	2800	2200	
	.10	2600	2100	2000	1800	1700	1600	1600	1100	800	500	400	
4500	.90	3300	3100	3000	2700	2600	2400	2200	2100	1700	1400	1300	
	.50	2500	2300	2300	2200	1800	1700	1600	1300	800	600	500	
	.10	2000	1800	1800	1700	1300	1200	1200	700	100	0	0	
	.90	3800	3800	3800	3700	3400	3300	3300	2800	2300	2200	2000	
	.50	2600	2500	2300	2200	2100	1900	1800	1600	1400	1000	800	
	.10	2100	1800	1800	1800	1700	1200	1200	700	200	0	0	
	.90	5500	5500	5500	5400	5400	5400	5400	5300	4800	4600	3800	
	.50	3800	3800	3800	3700	3700	3700	3700	3600	3100	2900	2300	
	.10	2600	2600	2100	1800	1800	1700	1700	1100	1000	500	400	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MAY INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3300	3100	3100	3100	2800	2600	2500	2300	2100	1800	1500	1400
	.50	2500	2300	2300	2300	2200	2100	1700	1600	1400	800	600	500
	.10	2000	1800	1800	1800	1700	1600	1200	1200	700	100	0	0
	.90	3800	3800	3800	3800	3700	3600	3400	3300	2900	2300	2200	2000
	.50	3000	2600	2300	2300	2200	2200	2100	2000	1600	1400	1100	800
	.10	2600	2100	1800	1800	1800	1700	1300	1200	700	200	0	0
	.90	5500	5500	5500	5500	5500	5400	5400	5400	5300	4800	4600	4000
	.50	3800	3800	3800	3800	3800	3700	3700	3700	3600	3100	2900	2400
	.10	2600	2600	2100	2000	1800	1800	1700	1700	1200	1000	600	500
4700	.90	3300	3100	3100	3100	3000	2700	2600	2400	2100	1800	1600	1400
	.50	2600	2300	2300	2300	2200	2100	1700	1700	1400	900	600	500
	.10	2100	1800	1800	1800	1700	1700	1200	1200	700	100	0	0
	.90	3900	3800	3800	3800	3800	3700	3400	3300	3000	2300	2200	2100
	.50	3000	2900	2500	2300	2300	2200	2100	2100	1600	1400	1100	800
	.10	2600	2100	2000	1800	1800	1700	1600	1200	700	200	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5400	5400	4800	4700	4100
	.50	3800	3800	3800	3800	3800	3800	3800	3700	3700	3100	3000	2500
	.10	2600	2600	2100	2000	1800	1800	1700	1700	1200	1100	600	500
4800	.90	3300	3100	3100	3100	3100	2700	2600	2500	2200	1900	1700	1400
	.50	2600	2300	2300	2300	2200	2100	1700	1700	1400	1000	700	600
	.10	2100	1800	1800	1800	1800	1700	1200	1200	700	200	0	0
	.90	3900	3900	3900	3900	3800	3700	3600	3400	3100	2400	2300	2100
	.50	3000	3000	2600	2400	2300	2200	2200	2100	1700	1400	1200	900
	.10	2600	2600	2000	1800	1800	1700	1700	1400	800	200	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5400	4900	4700	4500
	.50	3800	3800	3800	3800	3800	3800	3800	3800	3700	3200	3000	2800
	.10	2600	2600	2300	2100	1800	1800	1800	1700	1200	1100	700	500
4900	.90	3300	3200	3200	3100	3100	2700	2600	2500	2200	2000	1700	1500
	.50	3000	2600	2300	2300	2200	2200	1800	1700	1400	1000	700	600
	.10	2600	2100	1800	1800	1800	1700	1300	1200	700	200	0	0
	.90	3900	3900	3900	3900	3800	3800	3700	3400	3100	2500	2300	2100
	.50	3000	3000	2600	2400	2300	2300	2200	2200	1700	1500	1300	1000
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5400	4900	4800	4600
	.50	3800	3800	3800	3800	3800	3800	3800	3800	3700	3200	3100	2900
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0
	.90	3900	3900	3900	3900	3800	3800	3700	3400	3100	2500	2300	2100
	.50	3000	3000	2600	2400	2300	2300	2200	2200	1700	1500	1300	1000
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5400	4900	4800	4600
	.50	3800	3800	3800	3800	3800	3800	3800	3800	3700	3200	3100	2900
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0
	.90	3900	3900	3900	3900	3800	3800	3700	3400	3100	2500	2300	2100
	.50	3000	3000	2600	2400	2300	2300	2200	2200	1700	1500	1300	1000
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5400	4900	4800	4600
	.50	3800	3800	3800	3800	3800	3800	3800	3800	3700	3200	3100	2900
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0
	.90	3900	3900	3900	3900	3800	3800	3700	3400	3100	2500	2300	2100
	.50	3000	3000	2600	2400	2300	2300	2200	2200	1700	1500	1300	1000
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5400	4900	4800	4600
	.50	3800	3800	3800	3800	3800	3800	3800	3800	3700	3200	3100	2900
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0
	.90	3900	3900	3900	3900	3800	3800	3700	3400	3100	2500	2300	2100
	.50	3000	3000	2600	2400	2300	2300	2200	2200	1700	1500	1300	1000
	.10	2600	2600	2100	1900	1800	1800	1700	1600	1000	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3300	3200	2700	2600	2500	2200	2000	2000	1800	1600	1600	1600
	.50	3000	2500	2200	2000	1700	1500	1000	1000	700	600	600	600
	.10	2600	2000	1700	1600	1200	700	200	200	0	0	0	0
	.90	3900	3900	3800	3700	3600	3200	2600	2600	2300	2200	2200	2200
	.50	3000	2600	2300	2200	2200	1700	1500	1500	1300	1100	1100	1100
	.10	2600	2100	1800	1700	1600	1100	300	300	0	0	0	0
	.90	5500	5500	5500	5500	5500	5400	5000	5000	4800	4600	4600	4600
	.50	3800	3800	3800	3800	3800	3700	3300	3300	3100	2900	2900	2900
	.10	2700	2600	1800	1800	1800	1200	1100	1100	1000	600	600	600
	.90	3300	3200	3000	2700	2600	2300	2300	2100	1800	1600	1600	1600
5100	.90	3000	2500	2200	2100	1700	1500	1100	1100	800	600	600	600
	.50	2600	2000	1700	1700	1200	800	200	200	0	0	0	0
	.10	4400	4400	3900	3800	3700	3300	2800	2800	2400	2300	2300	2300
	.90	3000	2800	2400	2300	2300	2000	1600	1600	1400	1200	1200	1200
	.50	2600	2300	1800	1700	1700	1100	300	300	0	0	0	0
	.10	5500	5500	5500	5500	5500	5400	5000	5000	4800	4700	4700	4700
	.90	3800	3800	3800	3800	3800	3700	3300	3300	3100	3000	3000	3000
	.50	2700	2600	1900	1900	1800	1600	1200	1200	1000	700	700	700
	.10	3300	3200	3100	2700	2700	2300	2100	2100	1900	1700	1700	1700
	.90	3000	2600	2200	2200	2100	1500	1100	1100	800	700	700	700
5200	.90	2600	2100	1800	1700	1500	900	200	200	0	0	0	0
	.50	4500	4500	4400	3900	3900	3400	3000	3000	2500	2300	2300	2300
	.10	3000	3000	2700	2600	2500	2200	1700	1700	1500	1300	1300	1300
	.90	3800	3800	3800	3800	3800	3700	3300	3300	3100	3000	3000	3000
	.50	2700	2600	1900	1900	1800	1600	1200	1200	1000	700	700	700
	.10	3300	3200	3100	2700	2700	2300	2100	2100	1900	1700	1700	1700
	.90	3000	2600	2200	2200	2100	1500	1100	1100	800	700	700	700
	.50	2600	2100	1800	1800	1700	1500	900	200	200	0	0	0
	.10	4500	4500	4400	3900	3900	3400	3000	3000	2500	2300	2300	2300
	.90	3000	3000	2700	2600	2500	2200	1700	1700	1500	1300	1300	1300
5300	.90	2600	2600	1800	1800	1700	1100	400	400	100	0	0	0
	.50	5500	5500	5500	5500	5500	5400	5100	5100	4900	4700	4700	4700
	.10	3800	3800	3800	3800	3800	3700	3400	3400	3200	3000	3000	3000
	.90	2700	2600	2000	1800	1800	1600	1200	1200	1100	800	800	800
	.50	3600	3300	3100	3000	2700	2400	2200	2200	2000	1800	1800	1800
	.10	3000	2500	2300	2200	2100	1500	1200	1200	800	700	700	700
	.90	2600	2000	1800	1700	1600	1000	300	300	0	0	0	0
	.50	4500	4500	4500	4400	4400	4400	4100	4100	3900	3700	3700	3700
	.10	3000	3000	2800	2800	2800	2700	2200	2200	1700	1600	1400	1400
	.90	2600	2100	1900	1800	1700	1700	1200	1200	1000	1000	1000	1000
5400	.90	3000	2600	2200	2100	1900	1700	1500	1500	1300	1100	1100	1100
	.50	5500	5500	5500	5500	5500	5400	5100	5100	4900	4800	4800	4800
	.10	3800	3800	3800	3800	3800	3700	3400	3400	3200	3000	3000	3000
	.90	2700	2600	2000	1800	1800	1600	1200	1200	1100	800	800	800
	.50	3600	3300	3100	3000	2700	2400	2200	2200	2000	1800	1800	1800
	.10	3000	2500	2300	2200	2100	1500	1200	1200	800	700	700	700
	.90	2600	2000	1800	1700	1600	1000	300	300	0	0	0	0
	.50	4500	4500	4500	4400	4400	4400	4100	4100	3900	3700	3700	3700
	.10	3000	3000	2800	2800	2800	2700	2200	2200	1700	1600	1400	1400
	.90	2600	2100	1900	1800	1700	1700	1200	1200	1000	1000	1000	1000
5500	.90	3000	2600	2200	2100	1900	1700	1500	1500	1300	1100	1100	1100
	.50	5500	5500	5500	5500	5500	5400	5100	5100	4900	4800	4800	4800
	.10	3800	3800	3800	3800	3800	3700	3400	3400	3200	3000	3000	3000
	.90	2700	2600	2000	1800	1800	1600	1200	1200	1100	800	800	800
	.50	3600	3300	3100	3000	2700	2400	2200	2200	2000	1800	1800	1800
	.10	3000	2500	2300	2200	2100	1500	1200	1200	800	700	700	700
	.90	2600	2000	1800	1700	1600	1000	300	300	0	0	0	0
	.50	4500	4500	4500	4400	4400	4400	4100	4100	3900	3700	3700	3700
	.10	3000	3000	2800	2800	2800	2700	2200	2200	1700	1600	1400	1400
	.90	2600	2100	1900	1800	1700	1700	1200	1200	1000	1000	1000	1000

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MAY INCUBATION MONTH - JULY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
SPAWNING INCUBATION													
Q	EXC.												
5400	.90	3600	3600	3600	3300	3300	3200	3100	2900	2500	2200	2100	1800
	.50	3000	3000	2800	2600	2400	2300	2200	2200	1600	1300	900	800
	.10	2600	2600	2300	2000	1800	1800	1700	1700	1100	300	0	0
	.90	4600	4600	4600	4600	4600	4500	4500	4500	3800	3200	2900	2500
	.50	3100	3000	3000	2900	2900	2900	2800	2800	2300	1900	1600	1500
	.10	2600	2600	2600	2100	1900	1800	1800	1800	1200	400	200	0
	.90	6000	5600	5600	5500	5500	5500	5500	5500	5500	5200	4900	4800
	.50	4400	3900	3900	3800	3800	3800	3800	3800	3800	3500	3200	3100
	.10	3200	2700	2600	2600	2100	2000	1900	1900	1700	1200	1100	900
5500	.90	3700	3700	3600	3600	3300	3200	3200	3100	2600	2300	2100	2000
	.50	3000	3000	3000	2600	2500	2400	2300	2200	1600	1300	1000	800
	.10	2600	2600	2600	2100	1800	1800	1700	1700	1100	400	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	4500	3900	3300	3000	2700
	.50	3200	3000	3000	2900	2900	2900	2900	2800	2500	2100	1700	1500
	.10	2700	2600	2600	2400	2000	1800	1800	1800	1200	500	200	100
	.90	6000	6000	5600	5600	5500	5500	5500	5500	5500	5300	5000	4800
	.50	4400	4400	3900	3900	3900	3800	3800	3800	3800	3600	3300	3100
	.10	3200	2700	2600	2600	2100	2000	2000	1900	1700	1200	1100	1000
5600	.90	3700	3700	3700	3700	3300	3300	3200	3200	2700	2400	2200	2100
	.50	3000	3000	3000	2800	2500	2400	2300	2300	1700	1400	1100	900
	.10	2600	2600	2600	2100	1800	1800	1800	1700	1200	400	0	0
	.90	5300	5300	5300	4700	4600	4600	4600	4600	4000	3400	3100	2900
	.50	3600	3600	3600	3000	3000	2900	2900	2900	2700	2200	1700	1600
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1500	600	300	100
	.90	6000	6000	5600	5600	5600	5600	5500	5500	5500	5300	5000	4900
	.50	4400	4400	3900	3900	3900	3900	3900	3800	3800	3600	3300	3200
	.10	3200	2800	2600	2600	2100	2100	2000	1900	1800	1200	1200	1000
5700	.90	3700	3700	3700	3700	3600	3300	3300	3300	2800	2500	2300	2100
	.50	3100	3000	3000	2800	2600	2500	2400	2300	1700	1500	1200	900
	.10	2600	2600	2600	2100	1900	1800	1800	1700	1200	400	0	0
	.90	6000	6000	5600	5600	5600	5600	5600	5500	5500	5300	5000	4900
	.50	4400	4400	3900	3900	3900	3900	3900	3800	3800	3600	3300	3200
	.10	3200	2800	2600	2600	2100	2100	2000	1900	1800	1200	1200	1000
	.90	6000	6000	6000	6000	5600	5600	5600	5600	5500	5300	5000	4900
	.50	4400	4400	4400	3900	3900	3900	3900	3800	3800	3600	3400	3200
	.10	3200	2800	2600	2600	2100	2100	2000	1900	1800	1200	700	200
	.90	6000	6000	6000	5600	5600	5600	5600	5500	5500	5300	5100	4900
	.50	4400	4400	4400	3900	3900	3900	3900	3800	3800	3600	3400	3200
	.10	3200	2800	2600	2600	2100	2100	2000	1900	1800	1200	300	200
	.90	6000	6000	6000	6000	5600	5600	5600	5600	5500	5300	5100	4900
	.50	4400	4400	4400	3900	3900	3900	3900	3800	3800	3600	3400	3200
	.10	3200	2800	2600	2600	2100	2100	2000	1900	1800	1200	1200	1100
	.90	6000	6000	6000	6000	5600	5600	5600	5600	5500	5300	5100	4900
	.50	4400	4400	4400	3900	3900	3900	3900	3800	3800	3600	3400	3200
	.10	3200	2800	2600	2600	2100	2100	2000	1900	1800	1200	1200	1100

PAGE 132  
 TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MAY INCUBATION MONTH -- JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3800	3800	3800	3700	3700	3400	3300	3300	2900	2500	2300	2200
	.50	3200	3000	3000	2800	2600	2500	2400	2300	2000	1500	1200	1000
	.10	2700	2600	2600	2400	2000	1800	1800	1800	1200	500	100	0
	.90	5300	5300	5300	5300	5300	5300	4700	4700	4600	3800	3300	3100
	.50	3700	3600	3600	3600	3600	3600	3000	3000	2900	2500	2200	1700
	.10	3200	2600	2600	2600	2100	1900	1900	1900	1700	1000	400	200
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900
	.50	4400	4400	4400	3900	3700	3900	3900	3900	3800	3700	3400	3200
	.10	3200	3100	2800	2600	2500	2200	2100	2100	1800	1300	1200	1100
	.90	3800	3800	3800	3800	3700	3400	3300	3300	3000	2600	2300	2200
5900	.50	3200	3000	3000	3000	2500	2600	2500	2400	2100	1600	1300	1100
	.10	2700	2600	2600	2600	2000	1800	1800	1800	1400	500	100	0
	.90	5400	5400	5400	5400	5300	5300	5300	4700	4600	4000	3400	3200
	.50	3700	3700	3700	3700	3600	3600	3600	3000	3000	2700	2200	1900
	.10	3200	2700	2600	2600	2100	2000	1900	1800	1700	1000	400	300
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900
	.50	4400	4400	4400	3900	3900	3900	3900	3900	3800	3700	3400	3200
	.10	3200	3200	2800	2700	2600	2300	2100	2100	1800	1300	1200	1100
	.90	3800	3800	3800	3800	3700	3600	3600	3400	3300	3100	2600	2200
	.50	3200	3000	3000	3000	2600	2600	2600	2500	2500	2100	1600	1100
6000	.10	2700	2600	2600	2600	2000	1800	1800	1800	1400	500	100	0
	.90	5400	5400	5400	5400	5300	5300	5300	5300	4700	4000	3600	3300
	.50	3700	3700	3700	3700	3600	3600	3600	3000	3000	2700	2200	1900
	.10	3200	2700	2600	2600	2100	2000	1900	1800	1700	1000	400	300
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900
	.50	4400	4400	4400	3900	3900	3900	3900	3900	3800	3700	3400	3200
	.10	3200	3200	2800	2700	2600	2300	2100	2100	1800	1300	1200	1100
	.90	3800	3800	3800	3800	3700	3600	3600	3400	3300	3100	2600	2200
	.50	3200	3000	3000	3000	2600	2600	2600	2500	2500	2100	1600	1100
	.10	2700	2600	2600	2600	2100	1900	1900	1800	1800	1600	600	100
6100	.90	5400	5400	5400	5400	5400	5300	5300	5300	4700	4400	3600	3300
	.50	3700	3700	3700	3700	3700	3700	3600	3600	3000	2800	2300	2100
	.10	3200	2700	2600	2600	2100	2000	1900	1900	1700	1000	500	300
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900
	.50	4400	4400	4400	3900	3900	3900	3900	3900	3800	3700	3400	3200
	.10	3200	3200	2900	2800	2600	2400	2200	2100	1800	1300	1200	1100
	.90	4100	3900	3800	3800	3800	3700	3400	3300	3100	2700	2400	2200
	.50	3700	3000	3000	3000	2700	2600	2600	2600	2500	2200	1600	1200
	.10	3200	2600	2600	2600	2100	1900	1900	1800	1600	700	100	0
	.90	5400	5400	5400	5400	5400	5400	5400	5400	4700	4500	3800	3400
6200	.50	3700	3700	3700	3700	3700	3700	3700	3600	3000	2900	2500	2200
	.10	3200	2800	2600	2600	2400	2100	2000	1900	1700	1100	600	400
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900
	.50	4600	4400	4400	3900	3900	3900	3900	3900	3800	3700	3400	3200
	.10	3200	2800	2600	2600	2400	2100	2000	1900	1700	1100	600	400
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900
	.50	4600	4400	4400	3900	3900	3900	3900	3900	3800	3700	3400	3200
	.10	4100	3200	2900	2800	2600	2400	2100	2000	1900	1700	1400	1200
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900
	.50	4600	4400	4400	3900	3900	3900	3900	3900	3800	3700	3400	3200
.10	4100	3200	2900	2800	2600	2400	2100	2000	1900	1700	1400	1100	

PAGE 133

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MAY INCUBATION MONTH - JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4100	3900	3900	3900	3800	3700	3600	3400	3200	2800	2500	2300
	.50	3700	3200	3000	3000	2800	2700	2600	2600	2200	1700	1500	1200
	.10	3200	2700	2600	2600	2100	1900	1900	1800	1700	700	100	0
	.90	5400	5400	5400	5400	5400	5400	5400	5400	4800	4600	3900	3500
	.50	3700	3700	3700	3700	3700	3700	3700	3700	3100	2900	2700	2300
	.10	3200	3100	2700	2600	2400	2100	2000	2000	1800	1100	800	400
	.90	6000	6000	6000	5600	5500	5600	5600	5600	5500	5400	5200	4900
	.50	4600	4400	4400	3900	3900	3900	3900	3900	3800	3700	3500	3200
	.10	4100	3200	2900	2900	2700	2500	2400	2300	1900	1500	1200	1200
6300	.90	4100	3900	3900	3900	3800	3800	3700	3400	3200	2900	2500	2300
	.50	3700	3200	3000	3000	2800	2700	2600	2600	2200	1700	1500	1300
	.10	3200	2700	2600	2600	2100	2000	1900	1900	1700	800	200	0
	.90	5400	5400	5400	5400	5400	5400	5400	5400	4800	4700	4100	3700
	.50	3700	3700	3700	3700	3700	3700	3700	3700	3100	3000	2800	2400
	.10	3200	3100	2800	2700	2600	2100	2100	2000	1800	1100	1000	500
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5200	4900
	.50	4600	4400	4400	4200	3900	3900	3900	3900	3800	3700	3500	3300
	.10	4100	3300	3100	2900	2700	2600	2500	2400	1900	1600	1300	1200
6400	.90	4100	3900	3900	3900	3900	3800	3700	3600	3200	3000	2600	2400
	.50	3700	3300	3000	3000	2900	2800	2700	2600	2200	1700	1600	1400
	.10	3200	2800	2600	2600	2400	2000	1900	1900	1700	800	200	0
	.90	5400	5400	5400	5400	5400	5400	5400	5400	4900	4700	4500	3800
	.50	3700	3700	3700	3700	3700	3700	3700	3700	3200	3000	2900	2500
	.10	3200	3200	2800	2700	2600	2200	2100	2100	1800	1100	1000	500
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5200	4900
	.50	4600	4400	4400	4300	3900	3900	3900	3900	3800	3700	3500	3300
	.10	4100	3700	3200	3000	2800	2600	2600	2400	2000	1600	1300	1200
6500	.90	4400	4400	4400	4400	4400	4400	4400	4400	3300	3000	2700	2500
	.50	3700	3600	3200	3200	2900	2800	2700	2700	2300	2000	1600	1400
	.10	3200	3100	2700	2600	2400	2100	2000	1900	1700	1000	200	0
	.90	5500	5500	5500	5500	5400	5400	5400	5400	5300	4800	4600	3900
	.50	3800	3800	3800	3800	3700	3700	3700	3700	3600	3100	2900	2700
	.10	3200	3200	2900	2800	2600	2300	2200	2100	1800	1200	1000	600
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900
	.50	4600	4400	4400	4300	3900	3900	3900	3900	3800	3700	3500	3300
	.10	4100	3800	3200	3000	2800	2600	2600	2400	2000	1600	1300	1200
	.90	6000	6000	6000	6000	6000	6000	6000	6000	5500	5400	5100	4900
	.50	4600	4400	4400	4300	3900	3900	3900	3900	3800	3700	3500	3300
	.10	4100	3800	3200	3100	2900	2700	2600	2500	2000	1700	1300	1200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
q	EXC.	EXC.												
6600	.90	4500	4500	4500	4500	4500	4400	3900	3900	3400	3100	2900	2600	
	.50	3700	3600	3300	3100	3000	2900	2800	2800	2500	2100	1700	1500	
	.10	3200	3100	2800	2700	2600	2100	2100	2000	1800	1000	200	100	
	.90	5500	5500	5500	5500	5500	5400	5400	5400	5300	4800	4600	4000	
	.50	4600	3800	3800	3800	3800	3700	3700	3700	3600	3100	3000	2800	
	.10	4100	3200	2900	2800	2500	2400	2300	2200	1800	1200	1100	700	
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900	
	.50	4600	4400	4400	4300	3900	3900	3900	3900	3800	3700	3500	3300	
	.10	4100	3800	3300	3200	2900	2700	2600	2600	2100	1700	1300	1200	
	.90	4500	4500	4500	4500	4500	4500	4400	4400	4400	3400	3200	3000	2700
6700	.50	3700	3700	3300	3200	3000	2900	2900	2800	2600	2200	1700	1600	
	.10	3200	3200	2800	2700	2600	2200	2100	2000	1800	1100	300	100	
	.90	5500	5500	5500	5500	5500	5500	5500	5400	5400	4800	4700	4100	
	.50	4600	3800	3800	3800	3800	3800	3800	3700	3700	3200	3000	2900	
	.10	4100	3200	2900	2900	2700	2500	2400	2300	1900	1400	1100	800	
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900	
	.50	4600	4400	4400	4300	3900	3900	3900	3900	3800	3700	3400	3300	
	.10	4100	3800	3300	3200	3000	2700	2700	2600	2100	1700	1300	1200	
	.90	4600	4600	4600	4600	4600	4500	4500	4500	4500	3800	3300	2900	
	.50	3700	3700	3400	3300	3000	3000	3000	2900	2900	2700	2200	1900	1600
6800	.90	3200	3200	2900	2800	2600	2300	2100	2100	1800	1100	300	100	
	.50	5500	5500	5500	5500	5500	5500	5500	5500	5400	4900	4700	4500	
	.10	4600	3800	3800	3800	3800	3800	3800	3800	3700	3200	3100	2900	
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900	
	.50	4600	4400	4400	4300	3900	3900	3900	3900	3800	3700	3400	3300	
	.10	4100	3800	3300	3200	3000	2700	2700	2600	2100	1700	1300	1200	
	.90	4600	4600	4600	4600	4600	4500	4500	4500	4500	3800	3300	2900	
	.50	3700	3700	3400	3300	3000	3000	3000	2900	2900	2700	2200	1900	1600
	.10	3200	3200	2900	2800	2600	2300	2300	2100	2100	1800	1100	300	100
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5500	5400	4900	4700	4500
6900	.50	4600	3800	3800	3800	3800	3800	3800	3800	3700	3200	3100	2900	
	.10	4100	3300	3100	2900	2700	2600	2400	2400	1900	1500	1100	1000	
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900	
	.50	4600	4400	4400	4300	3900	3900	3900	3900	3800	3700	3400	3300	
	.10	4100	3700	3300	3300	3100	2800	2700	2600	2100	1700	1300	1200	
	.90	5000	4600	4600	4600	4600	4600	4600	4500	4500	3400	3200	3000	
	.50	4600	3700	3400	3300	3100	3000	3000	2900	2900	2800	2300	1700	
	.10	4100	3200	2900	2800	2600	2400	2200	2100	1800	1200	400	200	
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5500	4900	4800	4600	
	.50	4600	4200	3800	3800	3800	3800	3800	3800	3700	3200	3100	3000	
7000	.10	4100	3700	3200	3000	2800	2600	2500	2400	1900	1600	1100	1000	
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900	
	.50	4600	4400	4400	4200	3900	3900	3900	3900	3800	3700	3400	3200	
	.10	4100	3700	3200	3200	3000	2800	2600	2500	1900	1600	1100	1000	
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900	
	.50	4600	4400	4400	4200	3900	3900	3900	3900	3800	3700	3400	3200	
	.10	4100	3700	3200	3200	3000	2800	2600	2500	1900	1600	1100	1000	
	.90	6000	6000	6000	5600	5600	5600	5600	5600	5500	5400	5100	4900	
	.50	4600	4400	4400	4200	3900	3900	3900	3900	3800	3700	3400	3200	
	.10	4100	3700	3200	3200	3000	2800	2600	2500	1900	1600	1100	1000	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MAY INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
7000	.90	5300	5300	5300	4700	4500	4600	4500	4600	4000	3400	3300	3100
	.50	4600	3700	3600	3400	3200	3100	3000	3000	2900	2500	2200	1800
	.10	4100	3200	2900	2900	2700	2400	2300	2200	1800	1300	400	200
	.90	5500	5500	5500	5500	5500	5500	5500	5500	5400	5000	4800	4600
	.50	4600	4300	3800	3800	3800	3800	3800	3800	3700	3300	3200	3000
	.10	4100	3800	3200	3100	2900	2600	2600	2500	2000	1600	1200	1000
	.90	6000	6000	6000	5600	5500	5600	5600	5600	5500	5400	5000	4900
	.50	4600	4400	4400	4100	3900	3900	3900	3900	3800	3700	3400	3200
	.10	4100	3400	3300	3300	3200	2800	2700	2600	2100	1700	1300	1200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: INCURATION MONTH -- AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	1600	1600	1500	1300	1300	1300	1100	1000	700	400	300	200
	.50	1000	800	800	700	600	500	500	400	200	0	0	0
	.10	600	600	500	400	200	100	0	0	0	0	0	0
	.90	3100	3100	3100	2900	2300	2200	2100	1800	1600	1300	1100	900
	.50	2200	2200	2200	2000	1500	1400	1300	1000	800	500	400	300
	.10	800	800	800	700	500	400	300	200	0	0	0	0
	.90	4600	4500	4400	4400	4400	3600	3500	3400	3100	2300	1900	1700
	.50	3700	3600	3500	3500	3500	2700	2600	2500	2300	1500	1300	900
	.10	2300	2200	2100	2100	2100	1300	1200	1200	900	400	200	0
1500	.90	1600	1600	1600	1600	1300	1300	1200	1100	800	500	300	300
	.50	1000	800	800	800	700	500	500	500	200	100	0	0
	.10	600	600	600	500	300	100	0	0	0	0	0	0
	.90	3300	3300	3100	3100	2500	2300	2100	2100	1600	1300	1200	1000
	.50	2400	2400	2200	2200	1700	1500	1300	1300	800	600	400	300
	.10	1000	1000	800	800	700	600	400	300	0	0	0	0
	.90	4500	4500	4500	4400	4400	3600	3500	3400	3200	2400	2100	1700
	.50	3600	3600	3600	3500	3500	2700	2600	2500	2400	1600	1300	900
	.10	2200	2200	2200	2100	2100	1300	1200	1200	1000	500	300	100
1600	.90	1600	1600	1600	1600	1500	1300	1300	1200	900	500	400	300
	.50	1100	1000	800	800	800	700	500	500	300	100	0	0
	.10	700	600	600	600	400	200	100	0	0	0	0	0
	.90	3500	3400	3300	3100	2700	2300	2300	2100	1700	1300	1200	1100
	.50	2600	2500	2400	2200	1800	1500	1400	1300	900	700	500	300
	.10	1200	1100	1000	900	800	600	500	400	100	0	0	0
	.90	4500	4500	4500	4500	4400	3600	3500	3500	3200	2400	2200	1700
	.50	3600	3600	3600	3600	3500	2700	2600	2600	2400	1600	1400	1100
	.10	2200	2200	2200	2200	2100	1300	1200	1200	1100	600	300	200
1700	.90	1600	1600	1600	1600	1600	1300	1300	1300	1000	700	400	400
	.50	1100	1100	900	800	800	800	700	500	400	100	0	0
	.10	700	700	600	600	500	400	200	100	0	0	0	0
	.90	3700	3600	3500	3300	2900	2300	2300	2200	1700	1400	1300	1100
	.50	2800	2700	2600	2400	2000	1500	1500	1400	900	700	500	400
	.10	1400	1300	1200	1000	800	700	600	500	100	0	0	0
	.90	4500	4500	4500	4500	4500	4300	3600	3500	3300	2500	2200	1800
	.50	3600	3600	3600	3600	3600	3400	2700	2600	2500	1700	1400	1300
	.10	2200	2200	2200	2200	2200	2000	1300	1200	1100	700	400	300

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED & DF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MAY INCUBATION MONTH - AUGUST

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	2000	1600	1600	1600	1600	1400	1300	1300	1100	800	500	400
	.50	1100	1100	1000	1000	300	800	800	700	400	200	100	0
	.10	800	800	700	700	500	400	300	100	0	0	0	0
	.90	3800	3800	3600	3400	3100	2500	2300	2300	1700	1400	1300	1200
	.50	2900	2900	2700	2500	2200	1600	1500	1500	900	800	600	500
	.10	1500	1500	1300	1100	900	800	700	600	200	0	0	0
	.90	4500	4500	4500	4500	4500	4400	3700	3600	3300	2500	2300	2000
	.50	3600	3600	3600	3600	3600	3500	2800	2700	2500	1700	1500	1300
	.10	2200	2200	2200	2200	2200	2100	1400	1300	1200	900	500	300
1900	.90	2100	1700	1600	1600	1600	1600	1400	1300	1100	900	600	500
	.50	1300	1100	1100	1000	900	800	800	800	500	300	100	0
	.10	900	800	800	700	600	500	400	300	0	0	0	0
	.90	4000	3900	3800	3600	3100	2500	2300	2300	1700	1500	1300	1200
	.50	3100	3000	2900	2700	2200	1700	1500	1500	1000	800	600	500
	.10	1700	1600	1500	1300	900	800	700	700	300	0	0	0
	.90	4900	4900	4600	4500	4500	4400	3800	3700	3400	2700	2400	2100
	.50	4000	4000	3700	3600	3600	3500	2900	2800	2500	1800	1600	1400
	.10	2600	2600	2300	2200	2200	2100	1500	1400	1200	900	600	400
2000	.90	2100	1900	1800	1700	1500	1600	1500	1400	1200	900	800	500
	.50	1500	1300	1100	1100	1000	900	800	800	500	300	200	100
	.10	1100	900	900	800	700	600	500	400	0	0	0	0
	.90	4000	4000	3800	3700	3200	2600	2400	2300	1800	1600	1300	1300
	.50	3100	3100	2900	2800	2300	1700	1600	1500	1100	900	700	500
	.10	1700	1700	1500	1400	1000	900	800	700	400	0	0	0
	.90	4900	4900	4900	4600	4500	4500	4400	3900	3500	3200	2400	2200
	.50	4000	4000	4000	3700	3500	3600	3500	3000	2600	2300	1600	1400
	.10	2600	2600	2600	2300	2200	2200	2100	1600	1300	1000	700	500
2100	.90	2100	2100	2000	1900	1700	1600	1600	1500	1300	1000	900	600
	.50	1500	1300	1200	1200	1100	900	900	800	700	400	200	100
	.10	1100	900	900	900	700	600	600	500	0	0	0	0
	.90	4100	4100	3900	3700	3200	3000	2500	2400	1900	1600	1400	1300
	.50	3200	3200	3000	2800	2400	2100	1700	1600	1300	900	800	600
	.10	1800	1800	1600	1400	1100	900	900	800	500	100	0	0
	.90	5000	5000	4900	4900	4600	4500	4500	4400	3600	3300	2500	2300
	.50	4100	4100	4000	4000	3700	3600	3600	3500	2700	2400	1700	1500
	.10	2700	2700	2600	2600	2300	2200	2200	2100	1300	1100	900	600

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
2200 .90	2200	2200	2100	2000	1700	1700	1600	1600	1300	1100	900	800
.50	1500	1300	1300	1300	1100	1100	900	900	700	500	300	200
.10	1100	900	900	900	800	700	600	600	0	0	0	0
.90	4200	4200	4000	3800	3300	3100	2500	2400	2100	1600	1400	1300
.50	3300	3300	3100	2900	2400	2200	1700	1600	1300	900	800	700
.10	1900	1900	1700	1500	1100	1000	900	900	600	200	0	0
.90	5000	5000	5000	5000	4500	4600	4500	4500	3700	3300	2500	2300
.50	4100	4100	4100	4100	3700	3700	3600	3600	2800	2500	1800	1600
.10	2700	2700	2700	2700	2300	2300	2200	2200	1400	1200	900	700
.90	2400	2300	2200	2100	1900	1700	1700	1600	1300	1200	1000	800
.50	1500	1500	1400	1300	1200	1100	1000	900	800	500	300	200
.10	1200	1100	900	900	900	700	700	600	100	0	0	0
.90	4300	4200	4100	3900	3400	3200	2900	2500	2100	1700	1500	1300
.50	3400	3300	3200	3000	2500	2300	2000	1700	1400	1000	800	800
.10	2000	1900	1800	1600	1200	1100	1000	900	600	300	0	0
.90	5000	5000	5000	5000	4900	4600	4600	4500	3800	3300	3100	2400
.50	4100	4100	4100	4100	4000	3700	3700	3600	2900	2500	2200	1600
.10	2700	2700	2700	2700	2600	2300	2300	2200	1500	1200	1000	800
.90	3100	2500	2300	2200	2100	1700	1700	1700	1400	1200	1000	900
.50	2200	1600	1500	1400	1300	1200	1100	1100	800	600	400	300
.10	1200	1200	1000	900	900	800	700	600	200	0	0	0
.90	4400	4300	4200	4000	3400	3200	3100	2500	2200	1700	1500	1400
.50	3500	3400	3300	3100	2500	2400	2200	1700	1500	1100	900	800
.10	2100	2000	1900	1700	1200	1100	1000	900	700	300	100	0
.90	5100	5100	5100	5000	5000	4700	4600	4600	3900	3400	3100	2400
.50	4200	4200	4200	4100	4100	3800	3700	3700	3000	2600	2300	1700
.10	2800	2800	2800	2700	2700	2400	2300	2300	1600	1200	1100	900
.90	3100	2700	2500	2300	2200	2000	1700	1700	1500	1300	1100	900
.50	2200	1800	1600	1500	1400	1300	1200	1100	900	700	500	300
.10	1200	1200	1100	1000	900	900	800	700	400	0	0	0
.90	4400	4400	4200	4000	3500	3200	3100	2900	2300	1700	1600	1500
.50	3500	3500	3300	3100	2600	2400	2300	2000	1500	1200	900	800
.10	2100	2100	1900	1700	1200	1100	1100	1000	700	400	200	0
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2400
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2300	1700
.10	2800	2800	2800	2800	2700	2400	2300	2300	1600	1200	1100	900
.90	3100	2700	2500	2300	2200	2000	1700	1700	1500	1300	1100	900
.50	2200	1800	1600	1500	1400	1300	1200	1100	900	700	500	300
.10	1200	1200	1100	1000	900	900	800	700	400	0	0	0
.90	4400	4400	4200	4000	3500	3200	3100	2900	2300	1700	1600	1500
.50	3500	3500	3300	3100	2600	2400	2300	2000	1500	1200	900	800
.10	2100	2100	1900	1700	1200	1100	1100	1000	700	400	200	0
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2400
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2300	1700
.10	2800	2800	2800	2800	2700	2400	2300	2300	1600	1200	1100	900
.90	3100	2700	2500	2300	2200	2000	1700	1700	1500	1300	1100	900
.50	2200	1800	1600	1500	1400	1300	1200	1100	900	700	500	300
.10	1200	1200	1100	1000	900	900	800	700	400	0	0	0
.90	4400	4400	4200	4000	3500	3200	3100	2900	2300	1700	1600	1500
.50	3500	3500	3300	3100	2600	2400	2300	2000	1500	1200	900	800
.10	2100	2100	1900	1700	1200	1100	1100	1000	700	400	200	0
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2400
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2300	1700
.10	2800	2800	2800	2800	2700	2400	2300	2300	1600	1200	1100	900
.90	3100	2700	2500	2300	2200	2000	1700	1700	1500	1300	1100	900
.50	2200	1800	1600	1500	1400	1300	1200	1100	900	700	500	300
.10	1200	1200	1100	1000	900	900	800	700	400	0	0	0
.90	4400	4400	4200	4000	3500	3200	3100	2900	2300	1700	1600	1500
.50	3500	3500	3300	3100	2600	2400	2300	2000	1500	1200	900	800
.10	2100	2100	1900	1700	1200	1100	1100	1000	700	400	200	0
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2400
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2300	1700
.10	2800	2800	2800	2800	2700	2400	2300	2300	1600	1200	1100	900
.90	3100	2700	2500	2300	2200	2000	1700	1700	1500	1300	1100	900
.50	2200	1800	1600	1500	1400	1300	1200	1100	900	700	500	300
.10	1200	1200	1100	1000	900	900	800	700	400	0	0	0
.90	4400	4400	4200	4000	3500	3200	3100	2900	2300	1700	1600	1500
.50	3500	3500	3300	3100	2600	2400	2300	2000	1500	1200	900	800
.10	2100	2100	1900	1700	1200	1100	1100	1000	700	400	200	0
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2400
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2300	1700
.10	2800	2800	2800	2800	2700	2400	2300	2300	1600	1200	1100	900
.90	3100	2700	2500	2300	2200	2000	1700	1700	1500	1300	1100	900
.50	2200	1800	1600	1500	1400	1300	1200	1100	900	700	500	300
.10	1200	1200	1100	1000	900	900	800	700	400	0	0	0
.90	4400	4400	4200	4000	3500	3200	3100	2900	2300	1700	1600	1500
.50	3500	3500	3300	3100	2600	2400	2300	2000	1500	1200	900	800
.10	2100	2100	1900	1700	1200	1100	1100	1000	700	400	200	0
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2400
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2300	1700
.10	2800	2800	2800	2800	2700	2400	2300	2300	1600	1200	1100	900
.90	3100	2700	2500	2300	2200	2000	1700	1700	1500	1300	1100	900
.50	2200	1800	1600	1500	1400	1300	1200	1100	900	700	500	300
.10	1200	1200	1100	1000	900	900	800	700	400	0	0	0
.90	4400	4400	4200	4000	3500	3200	3100	2900	2300	1700	1600	1500
.50	3500	3500	3300	3100	2600	2400	2300	2000	1500	1200	900	800
.10	2100	2100	1900	1700	1200	1100	1100	1000	700	400	200	0
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2400
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2300	1700
.10	2800	2800	2800	2800	2700	2400	2300	2300	1600	1200	1100	900
.90	3100	2700	2500	2300	2200	2000	1700	1700	1500	1300</		

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
SPawning MONTH - MAY INCUBATION MONTH - AUGUST

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	3100	3100	2700	2500	2300	2100	1800	1700	1600	1300	1200	1000
	.50	2200	2200	1800	1600	1500	1400	1300	1200	900	800	500	400
	.10	1200	1200	1200	1000	900	900	800	700	500	0	0	0
	.90	4500	4500	4300	4100	3600	3300	3200	3100	2300	1800	1600	1500
	.50	3600	3600	3400	3200	2700	2400	2400	2200	1600	1300	1000	900
	.10	2200	2200	2000	1800	1400	1200	1100	1100	800	500	200	100
	.90	5100	5100	5100	5100	5000	4900	4700	4600	3900	3400	3200	2500
	.50	4200	4200	4200	4200	4100	4000	3800	3700	3100	2600	2400	1700
	.10	2800	2800	2800	2800	2700	2600	2400	2300	1900	1300	1100	900
2700	.90	3100	3100	2900	2700	2300	2200	2100	1800	1600	1300	1200	1100
	.50	2200	2200	2000	1800	1500	1400	1400	1300	1000	800	600	500
	.10	1400	1200	1200	1100	1000	900	900	800	500	0	0	0
	.90	4600	4500	4400	4200	3600	3300	3200	3200	2400	1900	1700	1600
	.50	3700	3600	3500	3300	2700	2500	2400	2300	1600	1300	1100	900
	.10	2300	2200	2100	1900	1600	1200	1200	1100	900	600	300	100
	.90	5200	5200	5100	5100	5100	5000	4700	4600	4100	3400	3200	2500
	.50	4300	4300	4200	4200	4200	4100	3800	3700	3200	2600	2400	1800
	.10	2900	2900	2800	2800	2900	2700	2400	2300	1900	1300	1100	1000
2800	.90	3100	3100	3100	2900	2400	2300	2100	2000	1700	1400	1300	1100
	.50	2200	2200	2200	2000	1600	1500	1400	1300	1100	800	700	500
	.10	1400	1200	1200	1200	1000	900	900	900	600	100	0	0
	.90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2100	1700	1600
	.50	3700	3700	3500	3400	2800	2500	2400	2400	1600	1400	1100	900
	.10	2300	2300	2100	2000	1800	1200	1200	1100	900	600	300	200
	.90	5200	5200	5200	5200	5100	5000	4900	4700	4400	3400	3200	2500
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	2600	2400	1800
	.10	2900	2900	2900	2900	2800	2700	2600	2400	2100	1300	1200	1000
2900	.90	3300	3300	3100	3100	2500	2300	2200	2100	1700	1500	1300	1200
	.50	2400	2400	2200	2200	1700	1500	1500	1400	1100	900	800	600
	.10	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2100	1700	1600
	.50	3700	3700	3500	3400	2800	2500	2500	2400	1700	1400	1300	1000
	.10	2300	2300	2100	2000	1800	1300	1200	1200	900	700	400	200
	.90	5200	5200	5200	5200	5100	5100	5000	4700	4400	3400	3200	2500
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	2600	2400	1800
	.10	2900	2900	2900	2900	2800	2700	2600	2400	2100	1300	1200	1000
2900	.90	3300	3300	3100	3100	2500	2300	2200	2100	1700	1500	1300	1200
	.50	2400	2400	2200	2200	1700	1500	1500	1400	1100	900	800	600
	.10	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2100	1700	1600
	.50	3700	3700	3500	3400	2800	2500	2500	2400	1700	1400	1300	1000
	.10	2300	2300	2100	2000	1800	1300	1200	1200	900	700	400	200
	.90	5200	5200	5200	5200	5100	5100	5000	4700	4400	3400	3200	2500
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	2600	2400	1800
	.10	2900	2900	2900	2900	2800	2700	2600	2400	2100	1300	1200	1000
2900	.90	3300	3300	3100	3100	2500	2300	2200	2100	1700	1500	1300	1200
	.50	2400	2400	2200	2200	1700	1500	1500	1400	1100	900	800	600
	.10	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2100	1700	1600
	.50	3700	3700	3500	3400	2800	2500	2500	2400	1700	1400	1300	1000
	.10	2300	2300	2100	2000	1800	1300	1200	1200	900	700	400	200
	.90	5200	5200	5200	5200	5100	5100	5000	4700	4400	3400	3200	2500
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	2600	2400	1800
	.10	2900	2900	2900	2900	2800	2700	2600	2400	2100	1300	1200	1000
2900	.90	3300	3300	3100	3100	2500	2300	2200	2100	1700	1500	1300	1200
	.50	2400	2400	2200	2200	1700	1500	1500	1400	1100	900	800	600
	.10	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2100	1700	1600
	.50	3700	3700	3500	3400	2800	2500	2500	2400	1700	1400	1300	1000
	.10	2300	2300	2100	2000	1800	1300	1200	1200	900	700	400	200
	.90	5200	5200	5200	5200	5100	5100	5000	4700	4400	3400	3200	2500
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	2600	2400	1800
	.10	2900	2900	2900	2900	2800	2700	2600	2400	2100	1300	1200	1000
2900	.90	3300	3300	3100	3100	2500	2300	2200	2100	1700	1500	1300	1200
	.50	2400	2400	2200	2200	1700	1500	1500	1400	1100	900	800	600
	.10	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2100	1700	1600
	.50	3700	3700	3500	3400	2800	2500	2500	2400	1700	1400	1300	1000
	.10	2300	2300	2100	2000	1800	1300	1200	1200	900	700	400	200
	.90	5200	5200	5200	5200	5100	5100	5000	4700	4400	3400	3200	2500
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	2600	2400	1800
	.10	2900	2900	2900	2900	2800	2700	2600	2400	2100	1300	1200	1000
2900	.90	3300	3300	3100	3100	2500	2300	2200	2100	1700	1500	1300	1200
	.50	2400	2400	2200	2200	1700	1500	1500	1400	1100	900	800	600
	.10	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2100	1700	1600
	.50	3700	3700	3500	3400	2800	2500	2500	2400	1700	1400	1300	1000
	.10	2300	2300	2100	2000	1800	1300	1200	1200	900	700	400	200
	.90	5200	5200	5200	5200	5100	5100	5000	4700	4400	3400	3200	2500
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	2600	2400	1800
	.10	2900	2900	2900	2900	2800	2700	2600	2400	2100	1300	1200	1000
2900	.90	3300	3300	3100	3100	2500	2300	2200	2100	1700	1500	1300	1200
	.50	2400	2400	2200	2200	1700	1500	1500	1400	1100	900	800	600
	.10	1800	1800	1200	1200	1100	1000	900	900	600	200	0	0
	.90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2100	1700	1600
	.50	3700	3700	3500	3400	2800	2500	2500	2400	1700	1400	1300	1000
	.10	2300	2300	2100	2000	1800	1300	12					

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MAY INCUBATION MONTH - AUGUST

Q	SPAWNING INCUBATION		INCUBATION MONTH - AUGUST											
	EXC.	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3000	.90	.90	3500	3400	3300	3100	2700	2300	2300	2200	1700	1500	1300	1300
	.50	.50	2600	2500	2400	2200	2000	1600	1500	1500	1200	900	800	600
	.10	.10	1800	1800	1800	1200	1200	1000	900	900	700	300	0	0
	.90	.90	4600	4600	4400	4200	3700	3400	3300	3200	2400	2200	1800	1700
	.50	.50	3700	3700	3500	3300	2800	2500	2500	2400	1700	1500	1300	1100
3100	.10	.10	2300	2300	2100	1900	1800	1500	1200	1200	1000	700	500	300
	.90	.90	5200	5200	5200	5200	5200	5100	5000	4900	4500	3500	3300	2600
	.50	.50	4300	4300	4300	4300	4300	4200	4100	4000	3600	2600	2500	2200
	.10	.10	2900	2900	2900	2900	2900	2800	2700	2600	2200	1500	1300	1100
	.90	.90	3700	3600	3500	3300	2900	2400	2300	2300	1700	1600	1400	1300
3200	.50	.50	2800	2700	2600	2400	2100	1700	1600	1500	1300	900	800	700
	.10	.10	1900	1800	1800	1800	1200	1100	1000	900	700	400	100	0
	.90	.90	4600	4600	4400	4300	3700	3500	3300	3300	2500	2200	1900	1700
	.50	.50	3700	3700	3500	3400	2800	2600	2500	2500	1800	1600	1400	1100
	.10	.10	2300	2300	2200	2000	1800	1600	1300	1200	1000	800	600	300
3300	.90	.90	5700	5700	5700	5700	5200	5200	5100	5000	4600	3700	3300	3100
	.50	.50	4800	4800	4800	4800	4300	4300	4200	4100	3700	2800	2600	2400
	.10	.10	3400	3400	3400	3400	2900	2900	2800	2700	2300	1800	1300	1200
	.90	.90	3800	3800	3600	3400	3100	2500	2300	2300	1800	1600	1400	1300
	.50	.50	2900	2900	2700	2500	2200	2000	1700	1600	1300	1000	900	800
3400	.10	.10	1900	1900	1800	1800	1400	1200	1000	1000	700	400	100	0
	.90	.90	4600	4600	4400	4400	4000	3500	3400	3300	2800	2300	2100	1700
	.50	.50	3700	3700	3500	3500	3100	2600	2500	2500	2200	1600	1400	1300
	.10	.10	2400	2300	2300	2100	1900	1800	1500	1300	1100	900	600	400
	.90	.90	5800	5800	5800	5800	5800	5700	5200	5200	4700	4000	3400	3200
3500	.50	.50	4900	4900	4900	4900	4900	4800	4300	4300	3800	3100	2600	2400
	.10	.10	3500	3500	3500	3500	3500	3400	2900	2900	2400	1900	1400	1300
	.90	.90	4000	3900	3800	3600	3100	2500	2400	2300	1900	1600	1500	1300
	.50	.50	3100	3000	2900	2700	2200	2100	1700	1600	1400	1100	900	800
	.10	.10	1900	1900	1800	1800	1600	1200	1100	1000	800	500	200	0
3600	.90	.90	4600	4600	4400	4400	4300	3500	3500	3300	3100	2400	2100	1900
	.50	.50	3700	3700	3500	3500	3400	2700	2600	2500	2300	1600	1500	1300
	.10	.10	2400	2400	2300	2200	2000	1900	1700	1500	1200	900	700	500
	.90	.90	5800	5800	5800	5800	5800	5800	5700	5700	4700	4200	3400	3300
	.50	.50	4900	4900	4900	4900	4900	4900	4800	4800	4200	3400	2600	2500
3700	.10	.10	2400	2400	2300	2200	2000	1900	1700	1500	1200	900	700	500
	.90	.90	5800	5800	5800	5800	5800	5800	5700	5700	4700	4200	3400	3300
	.50	.50	4900	4900	4900	4900	4900	4900	4800	4800	4200	3400	2600	2500
	.10	.10	2400	2400	2300	2200	2000	1900	1700	1500	1200	900	700	500
	.90	.90	5800	5800	5800	5800	5800	5800	5800	5700	4700	4200	3400	3300
3800	.50	.50	4900	4900	4900	4900	4900	4900	4800	4800	4200	3400	2600	2500
	.10	.10	2400	2400	2300	2200	2000	1900	1700	1500	1200	900	700	500
	.90	.90	5800	5800	5800	5800	5800	5800	5800	5700	4700	4200	3400	3300
	.50	.50	4900	4900	4900	4900	4900	4900	4800	4800	4200	3400	2600	2500
	.10	.10	2400	2400	2300	2200	2000	1900	1700	1500	1200	900	700	500
3900	.90	.90	4000	4000	3800	3600	3100	2500	2400	2300	1900	1600	1500	1300
	.50	.50	3100	3000	2900	2700	2200	2100	1700	1600	1400	1100	900	800
	.10	.10	1900	1900	1800	1800	1600	1200	1100	1000	800	500	200	0
	.90	.90	4600	4600	4400	4400	4300	3500	3500	3300	3100	2400	2100	1900
	.50	.50	3700	3700	3500	3500	3400	2700	2600	2500	2300	1600	1500	1300

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	.90	4000	3800	3700	3200	2800	2500	2400	2100	1700	1500	1400
	.50	.50	3100	2900	2800	2400	2200	2000	1700	1400	1100	900	800
	.10	.10	2300	1900	1900	1300	1300	1200	1100	900	600	200	100
	.90	.90	4600	4400	4400	4400	3600	3500	3400	3200	2400	2200	2000
	.50	.50	3700	3500	3500	3500	2700	2600	2500	2400	1700	1500	1400
	.10	.10	2400	2400	2200	2100	1900	1800	1600	1200	1000	700	600
	.90	.90	5900	5900	5900	5900	5800	5800	5800	5100	4400	3700	3400
	.50	.50	5000	5000	5000	5000	4900	4900	4900	4200	3500	2800	2600
	.10	.10	3600	3600	3600	3600	3500	3500	3500	2800	2200	1800	1400
3500	.90	.90	4100	3900	3700	3200	3100	2500	2400	2200	1700	1600	1400
	.50	.50	3200	3000	2800	2400	2200	2100	1900	1500	1300	1000	900
	.10	.10	2400	1900	1900	1300	1600	1300	1200	900	600	300	100
	.90	.90	4500	4500	4400	4400	3600	3500	3400	3200	2400	2300	2100
	.50	.50	3600	3600	3500	3500	2700	2700	2600	2400	1800	1600	1500
	.10	.10	2400	2400	2300	2100	1900	1900	1700	1200	1000	800	700
	.90	.90	5900	5900	5900	5900	5900	5900	5800	5200	4500	4000	3400
	.50	.50	5000	5000	5000	5000	5000	5000	4900	4300	3600	3200	2600
	.10	.10	3600	3600	3600	3600	3600	3600	3500	2900	2300	2000	1500
3600	.90	.90	4200	4000	3800	3300	3100	2800	2500	2200	1800	1600	1500
	.50	.50	3300	3100	2900	2600	2300	2200	2100	1600	1300	1000	900
	.10	.10	2400	2300	1900	1300	1700	1400	1200	900	700	400	200
	.90	.90	4500	4500	4500	4400	3600	3500	3500	3300	2500	2300	2200
	.50	.50	3600	3600	3600	3500	2700	2700	2600	2500	1900	1600	1500
	.10	.10	2400	2400	2400	2200	2100	1900	1800	1200	1100	900	700
	.90	.90	6600	6600	6000	5900	5900	5900	5900	5300	4600	4200	3500
	.50	.50	5700	5700	5100	5000	5000	5000	5000	4400	3700	3400	2700
	.10	.10	4300	4300	3700	3600	3600	3600	3600	3000	2400	2100	1700
3700	.90	.90	4300	4200	3900	3400	3200	3100	2600	2300	1900	1700	1600
	.50	.50	3400	3300	3000	2600	2400	2200	2200	1600	1400	1100	900
	.10	.10	2400	2400	1900	1900	1800	1600	1400	900	700	500	200
	.90	.90	4500	4500	4500	4500	4300	3600	3500	3300	2600	2400	2200
	.50	.50	3600	3600	3600	3500	3400	2700	2700	2500	2100	1700	1600
	.10	.10	2700	2400	2400	2200	2100	1900	1900	1300	1100	900	800
	.90	.90	6600	6600	6600	6600	6000	6000	5900	5800	4700	4300	3800
	.50	.50	5700	5700	5700	5700	5100	5100	5000	4900	3800	3500	2900
	.10	.10	4300	4300	4300	4300	3700	3700	3600	3500	2500	2200	1900

PAGE 142  
 TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MAY INCUBATION MONTH -- AUGUST

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3800	.90	4400	4300	4200	4000	3400	3200	3100	2900	2400	2000	1700	1600
	.50	3500	3400	3300	3100	2700	2400	2400	2200	1700	1400	1300	1000
	.10	2400	2400	2400	2300	1900	1800	1600	1500	1000	700	600	300
	.90	4500	4500	4500	4500	4500	4400	3700	3600	3300	2900	2400	2300
	.50	3600	3600	3600	3600	3600	3500	2800	2700	2500	2200	1800	1600
	.10	2700	2400	2400	2400	2200	2200	2100	1900	1400	1200	1000	800
	.90	6600	6600	6600	6600	6600	6600	6000	6000	5900	5100	4500	4100
	.50	5700	5700	5700	5700	5700	5700	5100	5100	5000	4200	3600	3300
	.10	4300	4300	4300	4300	4300	4300	3700	3700	3600	2800	2300	2100
3900	.90	4400	4400	4200	4000	3500	3200	3200	3100	2400	2100	1800	1600
	.50	3500	3500	3300	3100	2700	2500	2400	2300	1700	1500	1300	1100
	.10	2400	2400	2400	2400	1900	1900	1700	1600	1100	800	600	300
	.90	4900	4900	4600	4500	4500	4400	3800	3700	3400	3100	2500	2300
	.50	4000	4000	3700	3600	3600	3500	2900	2800	2600	2400	1800	1700
	.10	2700	2600	2500	2400	2300	2200	2100	2000	1500	1200	1100	900
	.90	6700	6700	6700	6700	6600	6600	6600	6000	5900	5300	4600	4300
	.50	5800	5800	5800	5800	5700	5700	5700	5100	5000	4400	3700	3500
	.10	4400	4400	4400	4400	4300	4300	4300	3700	3600	3000	2400	2200
4000	.90	4500	4500	4300	4100	3600	3300	3200	3100	2400	2200	1900	1700
	.50	3600	3600	3400	3200	2700	2500	2400	2400	2400	2200	1900	1700
	.10	2700	2400	2400	2400	2000	1900	1800	1600	1800	1500	1400	1200
	.90	4900	4900	4900	4600	4500	4500	4400	3900	3500	3200	2500	2400
	.50	4000	4000	4000	3700	3600	3600	3500	3000	2600	2400	2000	1700
	.10	2700	2600	2600	2500	2400	2200	2200	2100	1600	1300	1200	1000
	.90	6700	6700	6700	6700	6700	6600	6600	6600	6000	5700	4700	4400
	.50	5800	5800	5800	5800	5800	5700	5700	5700	5100	4800	3800	3600
	.10	4400	4400	4400	4400	4400	4300	4300	4300	3700	3400	2500	2300
4100	.90	4600	4500	4400	4200	3600	3300	3200	3200	2400	2200	2000	1700
	.50	3700	3600	3500	3300	2800	2600	2500	2400	1900	1600	1400	1300
	.10	2700	2400	2400	2400	2200	1900	1800	1700	1200	900	700	500
	.90	5000	5000	4900	4900	4500	4500	4500	4400	3600	3300	2600	2400
	.50	4100	4100	4000	4000	3700	3600	3600	3500	2700	2500	2200	1800
	.10	2700	2700	2700	2600	2500	2300	2200	2200	1700	1400	1200	1100
	.90	6700	6700	6700	6700	6700	6700	6700	6600	6000	5800	5000	4600
	.50	5800	5800	5800	5800	5800	5800	5800	5700	5100	4900	4100	3700
	.10	4400	4400	4400	4400	4400	4400	4400	4300	3700	3500	2700	2400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MAY INCUBATION MONTH - AUGUST

SPAWNING INCUBATION Q EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4200 .90	4600	4600	4400	4300	3700	3400	3300	3200	2400	2300	2100	1800
.50	3700	3700	3500	3400	2800	2600	2500	2500	2100	1600	1500	1300
.10	2700	2500	2400	2400	2300	1900	1900	1800	1200	900	700	600
.90	5000	5000	5000	5000	4600	4600	4500	4500	3700	3300	3100	2500
.50	4100	4100	4100	4100	3700	3700	3600	3600	2800	2500	2300	1900
.10	2700	2700	2700	2700	2500	2400	2300	2200	1800	1400	1200	1100
.90	6700	6700	6700	6700	6700	6700	6700	6700	6100	5900	5200	4700
.50	5800	5800	5800	5800	5800	5800	5900	5800	5200	5000	4300	3800
.10	4400	4400	4400	4400	4400	4400	4400	4400	3800	3600	2900	2500
.90	4600	4600	4400	4300	3700	3400	3300	3200	2500	2300	2100	1900
.50	3700	3700	3500	3400	2800	2700	2500	2500	2200	1700	1500	1400
.10	2700	2500	2500	2400	2300	2000	1900	1800	1300	1000	800	600
.90	5000	5000	5000	5000	4900	4600	4600	4500	3800	3400	3100	2500
.50	4100	4100	4100	4100	4000	3700	3700	3600	2900	2600	2400	2000
.10	2700	2700	2700	2700	2600	2400	2300	2300	1900	1500	1300	1200
.90	6700	6700	6700	6700	6700	6700	6700	6700	6100	6000	5400	4700
.50	5800	5800	5800	5800	5800	5800	5800	5800	5200	5100	4500	3900
.10	4400	4400	4400	4400	4400	4400	4400	4400	3800	3700	3100	2600
.90	4600	4600	4400	4200	3700	3400	3300	3300	2600	2400	2200	2000
.50	3700	3700	3500	3300	2800	2700	2600	2500	2200	1800	1600	1400
.10	2700	2700	2500	2500	2400	2000	1900	1800	1400	1100	800	700
.90	5100	5100	5100	5000	5000	4700	4600	4600	3900	3400	3200	2600
.50	4200	4200	4200	4100	4100	3800	3700	3700	3000	2600	2400	2200
.10	2800	2800	2800	2700	2700	2500	2400	2300	2100	1600	1300	1200
.90	6700	6700	6700	6700	6700	6700	6700	6700	6200	6000	5800	4900
.50	5800	5800	5800	5800	5800	5800	5800	5800	5300	5100	4900	4100
.10	4400	4400	4400	4400	4400	4400	4400	4400	3900	3700	3500	2700
.90	4600	4600	4400	4300	3700	3500	3300	3300	2900	2400	2200	2100
.50	3700	3700	3500	3400	2900	2700	2600	2500	2300	1800	1600	1500
.10	2700	2700	2500	2500	2400	2200	1900	1900	1500	1100	900	700
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2600
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2400	2200
.10	2800	2800	2800	2700	2700	2500	2400	2300	2100	1600	1300	1200
.90	6700	6700	6700	6700	6700	6700	6700	6700	6200	6000	5800	4900
.50	5800	5800	5800	5800	5800	5800	5800	5800	5300	5100	4900	4100
.10	4400	4400	4400	4400	4400	4400	4400	4400	3900	3700	3500	2700
.90	4600	4600	4400	4300	3700	3500	3300	3300	2900	2400	2200	2100
.50	3700	3700	3500	3400	2900	2700	2600	2500	2300	1800	1600	1500
.10	2700	2700	2500	2500	2400	2200	1900	1900	1500	1100	900	700
.90	5100	5100	5100	5100	5000	4700	4600	4600	3900	3400	3200	2600
.50	4200	4200	4200	4200	4100	3800	3700	3700	3000	2600	2400	2200
.10	2800	2800	2800	2800	2700	2500	2400	2300	2100	1600	1300	1200
.90	6800	6800	6800	6800	6700	6700	6700	6700	6600	6100	5900	5100
.50	5900	5900	5900	5900	5800	5800	5800	5800	5700	5200	5000	4200
.10	4500	4500	4500	4500	4400	4400	4400	4400	4300	3800	3600	2900

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
4600	.90	4600	4600	4400	4400	4000	3500	3400	3300	3100	2400	2300	2100
	.50	3700	3700	3500	3500	3100	2800	2600	2600	2400	1900	1700	1500
	.10	2700	2700	2500	2500	2400	2200	2000	1900	1600	1200	900	800
	.90	5100	5100	5100	5100	5000	4900	4700	4600	4000	3400	3200	2700
	.50	4200	4200	4200	4200	4100	4000	3800	3700	3200	2600	2500	2300
	.10	3100	2800	2800	2800	2800	2700	2500	2400	2200	1700	1300	1200
	.90	6800	6800	6800	6800	6800	6700	6700	6700	6600	6100	5900	5300
	.50	5900	5900	5900	5900	5900	5800	5800	5800	5700	5200	5000	4400
	.10	4500	4500	4500	4500	4500	4400	4400	4400	4300	3800	3600	3000
4700	.90	4600	4600	4400	4400	4300	3500	3500	3300	3200	2400	2300	2200
	.50	3700	3700	3500	3500	3400	2800	2700	2600	2400	2000	1700	1600
	.10	2800	2700	2500	2500	2400	2200	2100	1900	1600	1200	1000	800
	.90	5200	5200	5100	5100	5100	5000	4700	4600	4100	3400	3200	2900
	.50	4300	4300	4200	4200	4200	4100	3800	3700	3300	2600	2500	2300
	.10	3100	3000	2800	2800	2800	2700	2600	2400	2200	1700	1400	1300
	.90	6800	6800	6800	6800	6800	6800	6800	6700	6700	6100	6000	5400
	.50	5900	5900	5900	5900	5900	5900	5900	5800	5800	5200	5100	4500
	.10	4500	4500	4500	4500	4500	4500	4500	4400	4400	3800	3700	3100
4800	.90	4600	4500	4400	4400	4400	3600	3500	3400	3200	2500	2300	2200
	.50	3700	3600	3500	3500	3500	2900	2700	2700	2500	2100	1800	1600
	.10	2800	2700	2500	2500	2400	2200	2100	2000	1600	1200	1000	900
	.90	5200	5200	5200	5200	5100	5000	4900	4700	4400	3400	3300	3000
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	2700	2500	2400
	.10	3100	3100	2900	2900	2800	2800	2700	2500	2300	1800	1400	1300
	.90	6800	6800	6800	6800	6800	6800	6800	6800	6700	6200	6000	5800
	.50	5900	5900	5900	5900	5900	5900	5900	5900	5800	5300	5100	4900
	.10	4500	4500	4500	4500	4500	4500	4500	4500	4400	3900	3700	3500
4900	.90	4500	4500	4500	4500	4400	3600	3500	3400	3300	2600	2400	2300
	.50	3600	3600	3600	3600	3500	3600	2700	2700	2500	2200	1800	1700
	.10	3100	2800	2500	2500	2400	2300	2100	2000	1600	1200	1100	900
	.90	5200	5200	5200	5200	5100	5100	5000	4700	4400	3500	3300	3100
	.50	4300	4300	4300	4300	4200	4200	4100	3800	3500	2800	2600	2400
	.10	3100	3100	2900	2900	2900	2800	2700	2600	2300	1900	1500	1300
	.90	6800	6800	6800	6800	6800	6800	6800	6800	6700	6200	6100	5900
	.50	5900	5900	5900	5900	5900	5900	5900	5900	5800	5300	5200	5000
	.10	4500	4500	4500	4500	4500	4500	4500	4500	4400	3900	3800	3600

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	4500	4500	4500	4500	4400	3600	3500	3500	3300	2700	2400	2300
	.50	3600	3600	3600	3600	3500	2900	2800	2700	2500	2300	1900	1700
	.10	3100	3000	2700	2500	2400	2300	2200	2100	1600	1300	1100	1000
	.90	5200	5200	5200	5200	5200	5100	5000	4900	4500	3600	3300	3200
	.50	4300	4300	4300	4300	4300	4200	4100	4000	3600	2800	2600	2500
	.10	3100	3100	2900	2900	2900	2800	2800	2700	2300	2000	1600	1300
	.90	6800	6800	6800	6800	6800	6800	6800	6800	6700	6300	6100	5900
	.50	5900	5900	5900	5900	5900	5900	5900	5900	5800	5400	5200	5000
	.10	4500	4500	4500	4500	4500	4500	4500	4500	4400	4000	3800	3600
5100	.90	4500	4500	4500	4500	4500	4300	3600	3500	3300	3000	2500	2300
	.50	3600	3600	3600	3600	3600	3400	2800	2700	2600	2300	1900	1800
	.10	3100	3100	2700	2500	2500	2300	2200	2200	1700	1300	1200	1000
	.90	5700	5700	5700	5700	5200	5200	5100	5000	4600	3700	3400	3200
	.50	4800	4800	4800	4800	4300	4300	4200	4100	3700	3000	2600	2500
	.10	3400	3400	3400	3400	3100	2900	2800	2800	2400	2100	1800	1400
	.90	6800	6800	6800	6800	6800	6800	6800	6800	6700	6300	6100	6000
	.50	5900	5900	5900	5900	5900	5900	5900	5900	5800	5400	5200	5100
	.10	4500	4500	4500	4500	4500	4500	4500	4500	4400	4000	3800	3700
5200	.90	4500	4500	4500	4500	4500	4400	3700	3600	3400	3100	2500	2400
	.50	3600	3600	3600	3600	3600	3500	2800	2800	2600	2400	2100	1800
	.10	3100	3100	2800	2600	2500	2400	2300	2200	1800	1300	1200	1100
	.90	5800	5800	5800	5800	5800	5700	5200	5200	4700	4100	3400	3300
	.50	4900	4900	4900	4900	4900	4800	4300	4300	3800	3300	2800	2600
	.10	3500	3500	3500	3500	3500	3400	2900	2900	2500	2200	1900	1600
	.90	6800	6800	6800	6800	6800	6800	6800	6800	6700	6400	6200	6000
	.50	5900	5900	5900	5900	5900	5900	5900	5900	5800	5500	5300	5100
	.10	4500	4500	4500	4500	4500	4500	4500	4500	4400	4100	3900	3700
5300	.90	4900	4900	4600	4500	4500	4400	3800	3700	3400	3200	2600	2400
	.50	4000	4000	3700	3600	3600	3500	3100	2900	2700	2500	2200	1900
	.10	3100	3100	2800	2700	2500	2400	2400	2300	1900	1400	1200	1100
	.90	5800	5800	5800	5800	5800	5800	5700	5700	4700	4200	3600	3400
	.50	4900	4900	4900	4900	4900	4900	4800	4800	3800	3400	2900	2600
	.10	3500	3500	3500	3500	3500	3500	3400	3400	2600	2300	2000	1800
	.90	6800	6800	6800	6800	6800	6800	6800	6800	6700	6400	6200	6100
	.50	5900	5900	5900	5900	5900	5900	5900	5900	5800	5500	5300	5200
	.10	4500	4500	4500	4500	4500	4500	4500	4500	4400	4100	3900	3800

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- AUGUST

SPANNING WUA	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5400	.90	4900	4900	4900	4600	4500	4500	4400	3900	3500	3200	2900	2500
	.50	4000	4000	4000	3700	3600	3600	3500	3000	2700	2500	2300	1900
	.10	3100	3100	2900	2800	2600	2500	2400	2300	1900	1500	1300	1200
	.90	5900	5900	5900	5900	5900	5800	5900	5800	5100	4400	3800	3400
	.50	5000	5000	5000	5000	5000	4900	4900	4900	4200	3500	3100	2700
	.10	3600	3600	3600	3600	3600	3500	3500	3500	2800	2400	2100	1900
	.90	7100	6900	6900	6800	6800	6800	6800	6800	6800	6500	6200	6100
	.50	6300	6000	6000	5900	5900	5900	5900	5900	5900	5600	5300	5200
	.10	5000	4600	4600	4500	4500	4500	4500	4500	4500	4200	3900	3800
5500	.90	5000	5000	4900	4900	4600	4500	4500	4400	3600	3300	3100	2600
	.50	4100	4100	4000	4000	3700	3600	3600	3500	2800	2600	2400	2100
	.10	3100	3100	3100	2800	2500	2500	2500	2400	2100	1600	1300	1200
	.90	5900	5900	5900	5900	5900	5900	5900	5800	5200	4500	4100	3500
	.50	5000	5000	5000	5000	5000	5000	5000	4900	4300	3600	3300	2800
	.10	3600	3600	3600	3600	3600	3600	3600	3500	2900	2400	2200	2000
	.90	7100	7100	6900	6900	6900	6800	6800	6800	6800	6600	6300	6100
	.50	6300	6300	6000	6000	6000	5900	5900	5900	5900	5700	5400	5200
	.10	5000	5000	4600	4600	4600	4500	4500	4500	4500	4300	4000	3800
5600	.90	5000	5000	5000	5000	4500	4600	4500	4500	3700	3300	3200	2700
	.50	4100	4100	4100	4100	3700	3700	3600	3600	3000	2600	2500	2300
	.10	3100	3100	3100	2900	2700	2600	2500	2500	2200	1700	1400	1300
	.90	6600	6600	6600	6000	5900	5900	5900	5900	5300	4600	4300	3700
	.50	5700	5700	5700	5100	5000	5000	5000	5000	4400	3700	3500	3100
	.10	4300	4300	4300	3700	3600	3600	3600	3600	3100	2600	2300	2100
	.90	7100	7100	6900	6900	6900	6900	6800	6800	6800	6600	6300	6200
	.50	6300	6300	6000	6000	6000	6000	5900	5900	5900	5700	5400	5300
	.10	5000	5000	4600	4600	4600	4600	4500	4500	4500	4300	4000	3900
5700	.90	5000	5000	5000	5000	4900	4600	4600	4500	3800	3400	3200	3000
	.50	4100	4100	4100	4100	4000	3700	3700	3600	3000	2700	2500	2400
	.10	3300	3100	3100	2900	2700	2600	2600	2500	2300	1800	1500	1300
	.90	6600	6600	6600	6600	6500	6000	6000	5900	5800	4700	4400	4000
	.50	5700	5700	5700	5700	5700	5100	5100	5000	4900	3800	3600	3300
	.10	4300	4300	4300	4300	4300	3700	3700	3600	3500	2700	2400	2200
	.90	7100	7100	7100	6900	6900	6900	6900	6800	6800	6600	6400	6200
	.50	6300	6300	6300	6000	6000	6000	6000	5900	5900	5700	5500	5300
	.10	5000	5000	5000	4600	4600	4600	4600	4500	4500	4300	4100	3900

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	5100	5100	5100	5000	5000	4700	4600	4600	3900	3400	3300	3100
	.50	4200	4200	4200	4100	4100	3800	3700	3700	3100	2800	2600	2400
	.10	3400	3100	3100	2900	2800	2700	2600	2600	2300	1900	1500	1300
	.90	6600	6600	6600	6600	6500	6600	6000	6000	5900	5100	4600	4200
	.50	5700	5700	5700	5700	5700	5700	5100	5100	5000	4200	3700	3400
	.10	4300	4300	4300	4300	4300	4300	3700	3700	3600	2900	2500	2300
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6400	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5500	5300
	.10	5000	5000	5000	4600	4500	4600	4600	4600	4500	4400	4100	3900
5900	.90	5100	5100	5100	5100	5000	4700	4500	4600	4000	3400	3300	3100
	.50	4200	4200	4200	4200	4100	3800	3700	3700	3200	2800	2600	2500
	.10	3400	3100	3100	3100	2900	2700	2700	2600	2400	1900	1600	1300
	.90	6700	6700	6700	6700	6600	6600	6600	6000	5900	5300	4700	4400
	.50	5800	5800	5800	5800	5700	5700	5700	5100	5000	4400	3800	3600
	.10	4400	4400	4400	4400	4300	4300	4300	3700	3600	3000	2600	2400
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6400	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5500	5300
	.10	5000	5000	5000	4600	4500	4600	4600	4600	4500	4400	4100	3900
6000	.90	5100	5100	5100	5100	5000	4900	4700	4600	4100	3400	3300	3200
	.50	4200	4200	4200	4200	4100	4000	3800	3700	3300	2800	2600	2500
	.10	3400	3100	3100	3100	2800	2800	2700	2700	2400	2100	1700	1300
	.90	6700	6700	6700	6700	6700	6600	6600	6600	6000	5700	4700	4500
	.50	5800	5800	5800	5800	5800	5700	5700	5700	5100	4800	3900	3700
	.10	4400	4400	4400	4400	4400	4300	4300	4300	3700	3400	2800	2500
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6400	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5500	5300
	.10	5000	5000	5000	4600	4500	4600	4600	4600	4500	4400	4100	3900
6100	.90	5200	5200	5100	5100	5100	5000	4700	4600	4100	3400	3300	3200
	.50	4300	4300	4200	4200	4200	4100	3800	3700	3400	2800	2600	2500
	.10	3900	3100	3100	3100	2900	2800	2800	2700	2400	2100	1800	1400
	.90	6700	6700	6700	6700	6700	6700	6700	6600	6000	5800	5000	4600
	.50	5800	5800	5800	5800	5800	5800	5800	5700	5100	4900	4100	3800
	.10	4400	4400	4400	4400	4400	4400	4400	4300	3700	3500	2900	2600
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6400	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5500	5300
	.10	5000	5000	5000	4600	4500	4600	4600	4600	4500	4400	4100	3900

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MAY INCUBATION MONTH - AUGUST

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200	.90	5200	5200	5200	5200	5100	5000	4900	4700	4400	3500	3300	3200
	.50	4300	4300	4300	4300	4200	4100	4000	3800	3500	3000	2700	2500
	.10	3900	3400	3100	3100	2900	2800	2900	2800	2500	2200	1900	1500
	.90	6700	6700	6700	6700	6700	6700	6700	6700	6100	5900	5200	4700
	.50	5800	5800	5800	5800	5800	5800	5900	5800	5200	5000	4300	3800
	.10	4400	4400	4400	4400	4400	4400	4400	4400	3800	3600	3000	2700
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6500	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5600	5300
	.10	5000	5000	5000	4600	4600	4600	4600	4600	4500	4400	4200	3900
6300	.90	5200	5200	5200	5200	5100	5100	5000	4700	4400	3600	3400	3300
	.50	4300	4300	4300	4300	4200	4200	4100	3800	3500	3100	2700	2600
	.10	3900	3400	3100	3100	2900	2900	2800	2800	2600	2200	1900	1600
	.90	6700	6700	6700	6700	6700	6700	6700	6700	6100	6000	5400	4800
	.50	5800	5800	5800	5800	5800	5800	5800	5800	5200	5100	4500	4000
	.10	4400	4400	4400	4400	4400	4400	4400	4400	3800	3700	3200	2800
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6500	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5600	5300
	.10	5000	5000	5000	4600	4600	4600	4600	4600	4500	4400	4200	3900
6400	.90	5200	5200	5200	5200	5200	5100	5000	4900	4500	3700	3400	3300
	.50	4300	4300	4300	4300	4300	4200	4100	4000	3600	3100	2800	2600
	.10	3900	3500	3100	3100	3000	2900	2900	2800	2600	2300	2000	1700
	.90	6700	6700	6700	6700	6700	6700	6700	6700	6200	6000	5800	5000
	.50	5800	5800	5800	5800	5800	5800	5800	5800	5300	5100	4900	4100
	.10	4400	4400	4400	4400	4400	4400	4400	4400	3900	3700	3500	2900
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6500	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5600	5300
	.10	5000	5000	5000	4600	4600	4600	4600	4600	4500	4400	4200	3900
6500	.90	5200	5200	5200	5200	5200	5200	5100	5000	4500	3700	3400	3300
	.50	4300	4300	4300	4300	4300	4200	4100	4000	3600	3100	2800	2600
	.10	3900	3500	3100	3100	3000	2900	2900	2800	2600	2300	2000	1700
	.90	6700	6700	6700	6700	6700	6700	6700	6700	6200	6000	5800	5000
	.50	5800	5800	5800	5800	5800	5800	5800	5800	5300	5100	4900	4100
	.10	4400	4400	4400	4400	4400	4400	4400	4400	3900	3700	3500	2900
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6500	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5600	5300
	.10	5000	5000	5000	4600	4600	4600	4600	4600	4500	4400	4200	3900
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6500	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5600	5300
	.10	5000	5000	5000	4600	4600	4600	4600	4600	4500	4400	4200	3900
	.90	7100	7100	7100	6900	6900	6900	6900	6900	6800	6700	6500	6200
	.50	6300	6300	6300	6000	6000	6000	6000	6000	5900	5800	5600	5300
	.10	5000	5000	5000	4600	4600	4600	4600	4600	4500	4400	4200	3900

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	.90	5800	5800	5800	5800	5700	5200	5200	4700	4100	3600	3400
	.50	.50	4900	4900	4900	4900	4800	4300	4300	3800	3400	3100	2800
	.10	.10	3900	3800	3500	3500	3400	3100	3000	2800	2400	2200	2000
	.90	.90	6800	6800	6800	6800	6700	6700	6700	6600	6100	5900	5300
	.50	.50	5900	5900	5900	5800	5800	5800	5800	5700	5200	5000	4400
	.10	.10	4800	4500	4500	4400	4400	4400	4400	4300	3800	3600	3100
	.90	.90	7100	7100	7100	6900	6900	6900	6900	6800	6700	6400	6200
	.50	.50	6300	6300	6300	6000	6000	6000	6000	5900	5800	5500	5300
	.10	.10	5000	5000	5000	4600	4600	4600	4600	4500	4400	4100	3900
6700	.90	.90	5800	5800	5800	5800	5800	5700	5700	4700	4300	3700	3400
	.50	.50	4900	4900	4900	4900	4900	4800	4800	3800	3500	3200	2800
	.10	.10	3900	3900	3500	3500	3500	3500	3400	2900	2500	2300	2100
	.90	.90	6800	6800	6800	6800	6800	6800	6700	6700	6100	6000	5400
	.50	.50	5900	5900	5900	5900	5900	5900	5800	5800	5200	5100	4500
	.10	.10	4800	4500	4500	4500	4500	4500	4400	4400	3800	3700	3400
	.90	.90	7100	7100	7100	6900	6900	6900	6900	6800	6700	6400	6200
	.50	.50	6300	6300	6300	6000	6000	6000	6000	5900	5800	5500	5300
	.10	.10	5000	5000	5000	4600	4600	4600	4600	4500	4400	4100	3900
6800	.90	.90	5900	5900	5900	5900	5800	5800	5800	5100	4400	4000	3600
	.50	.50	5000	5000	5000	5000	4900	4900	4900	4200	3600	3400	3100
	.10	.10	3900	3900	3600	3600	3500	3500	3500	3000	2600	2300	2200
	.90	.90	6800	6800	6800	6800	6800	6800	6800	6700	6200	6000	5800
	.50	.50	5900	5900	5900	5900	5900	5900	5900	5800	5300	5100	4900
	.10	.10	4800	4500	4500	4500	4500	4500	4500	4400	3900	3700	3500
	.90	.90	7100	7100	7100	6900	6900	6900	6900	6800	6700	6400	6200
	.50	.50	6300	6300	6300	6000	6000	6000	6000	5900	5800	5500	5300
	.10	.10	5000	5000	5000	4600	4600	4600	4600	4500	4400	4100	3900
6900	.90	.90	5900	5900	5900	5900	5900	5900	5800	5200	4500	4200	3700
	.50	.50	5100	5000	5000	5000	5000	5000	4900	4300	3700	3400	3200
	.10	.10	4800	3900	3600	3600	3600	3600	3500	3100	2700	2400	2200
	.90	.90	6800	6800	6800	6800	6800	6800	6800	6700	6200	6100	5900
	.50	.50	5900	5900	5900	5900	5900	5900	5900	5800	5300	5200	5000
	.10	.10	4800	4500	4500	4500	4500	4500	4500	4400	3900	3800	3600
	.90	.90	7100	7100	7100	6900	6900	6900	6900	6800	6700	6400	6200
	.50	.50	6300	6300	6300	6000	6000	6000	6000	5900	5800	5500	5300
	.10	.10	5000	5000	5000	4600	4600	4600	4600	4500	4400	4100	3900

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MAY INCUBATION MONTH - AUGUST

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	6600	6600	6000	5900	5900	5900	5900	5300	4600	4300	3900
	.50	.50	5700	5700	5100	5000	5000	5000	5000	4400	3800	3500	3300
	.10	.10	4800	4300	3700	3600	3600	3600	3600	3400	2800	2500	2300
	.90	.90	6800	6800	6800	6800	6800	6800	6800	6700	6300	6100	5900
	.50	.50	5900	5900	5900	5900	5900	5900	5900	5800	5400	5200	5000
	.10	.10	4800	4500	4500	4500	4500	4500	4500	4400	4000	3800	3600
	.90	.90	7100	7100	6900	6900	6900	6900	6900	6800	6700	6300	6200
	.50	.50	6300	6300	6000	6000	6000	6000	6000	5900	5800	5400	5300
	.10	.10	5000	5000	4600	4500	4500	4600	4600	4500	4400	4000	3900

13.06.11.42LP, 2.965, MAPQ002, TH, 00

Appendix J. Table of Gorge release (cfs) providing indicated percent of maximum effective spawning WUA for steelhead trout using the IFG effective spawning habitat program and reach extrapolation procedure II.









TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
1800	.90	.90	1100	900	900	700	500	400	400	200	0	0	0
	.50	.50	1000	800	800	600	400	300	300	100	0	0	0
	.10	.10	700	600	500	400	200	100	0	0	0	0	0
	.90	.90	1100	900	900	700	500	500	400	200	100	0	0
	.50	.50	1000	800	800	500	400	400	300	100	0	0	0
	.10	.10	700	600	500	400	200	100	100	0	0	0	0
	.90	.90	1700	1300	1200	1200	1100	900	900	700	500	300	100
	.50	.50	1100	1100	1000	300	700	600	600	300	100	0	0
	.10	.10	800	800	700	600	500	400	200	0	0	0	0
1900	.90	.90	1100	1000	900	300	600	500	400	200	0	0	0
	.50	.50	1000	900	800	700	500	400	300	100	0	0	0
	.10	.10	700	700	600	500	300	100	100	0	0	0	0
	.90	.90	1200	1100	900	900	700	500	500	300	100	0	0
	.50	.50	1100	1000	800	700	600	400	300	100	0	0	0
	.10	.10	800	700	600	500	400	200	100	0	0	0	0
	.90	.90	1700	1500	1400	1200	1200	1100	900	900	500	400	200
	.50	.50	1300	1100	1100	900	800	700	600	300	200	100	0
	.10	.10	1000	900	800	700	600	400	300	0	0	0	0
2000	.90	.90	1200	1100	1100	900	700	600	500	300	100	0	0
	.50	.50	1100	1000	1000	800	600	500	400	200	0	0	0
	.10	.10	800	800	700	500	400	200	100	0	0	0	0
	.90	.90	1200	1200	1100	900	800	700	600	400	100	0	0
	.50	.50	1100	1100	1000	800	700	500	400	200	0	0	0
	.10	.10	900	800	700	600	400	300	100	0	0	0	0
	.90	.90	1700	1700	1500	1200	1200	1200	1100	900	600	400	300
	.50	.50	1500	1300	1100	1000	800	800	700	400	200	100	0
	.10	.10	1200	1000	900	700	600	500	400	0	0	0	0
2100	.90	.90	1200	1200	1100	900	800	700	600	300	100	0	0
	.50	.50	1100	1100	1000	800	700	600	500	200	0	0	0
	.10	.10	900	800	700	600	500	400	200	0	0	0	0
	.90	.90	1200	1200	1100	900	900	800	700	400	200	0	0
	.50	.50	1100	1100	1000	800	700	600	500	200	0	0	0
	.10	.10	900	800	700	600	500	400	200	0	0	0	0
	.90	.90	1800	1800	1600	1300	1200	1200	1200	900	700	500	400
	.50	.50	1500	1300	1200	1100	900	800	800	600	300	200	0
	.10	.10	1200	1000	900	800	700	600	500	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2200	.90	1200	1200	1200	1100	1000	900	900	700	400	100	0	0
	.50	1100	1100	1000	800	700	800	700	600	200	0	0	0
	.10	900	900	800	700	600	600	500	400	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	900	800	500	200	100	0
	.50	1300	1100	1100	900	900	800	700	600	300	0	0	0
	.10	1000	900	900	800	700	600	500	400	0	0	0	0
	.90	2000	1900	1800	1600	1400	1300	1200	1200	900	800	500	400
	.50	1500	1400	1300	1200	1100	1000	900	800	600	300	200	100
	.10	1200	1000	900	900	300	700	600	600	100	0	0	0
2300	.90	1400	1200	1200	1200	1100	900	900	800	400	200	0	0
	.50	1300	1100	1100	1100	1000	800	800	700	300	0	0	0
	.10	1000	900	900	800	700	600	500	400	0	0	0	0
	.90	1600	1400	1200	1200	1100	900	900	900	500	300	100	0
	.50	1500	1300	1100	1100	1000	800	800	700	300	100	0	0
	.10	1200	1000	900	900	800	600	600	500	0	0	0	0
	.90	2700	2100	1900	1700	1500	1300	1300	1200	1000	900	700	500
	.50	2100	1500	1400	1300	1200	1100	1000	900	700	400	200	100
	.10	1200	1200	1000	900	900	800	700	600	200	0	0	0
2400	.90	1600	1400	1200	1200	1200	1000	900	900	400	200	0	0
	.50	1500	1300	1100	1100	1100	900	800	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	500	0	0	0	0
	.90	1600	1400	1300	1200	1200	1000	900	900	600	400	200	0
	.50	1500	1300	1200	1200	1100	900	800	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	500	0	0	0	0
	.90	2700	2300	2100	1900	1700	1400	1300	1300	1100	900	700	500
	.50	2100	1700	1500	1400	1300	1100	1100	1000	700	500	300	200
	.10	1300	1200	1100	1000	900	900	800	700	300	0	0	0
	.90	1600	1400	1300	1200	1200	1000	900	900	500	300	100	0
	.50	1500	1300	1200	1100	1100	900	800	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0
	.90	1600	1500	1400	1300	1200	1100	1000	900	800	400	300	100
	.50	1500	1400	1300	1200	1100	1000	900	800	300	100	0	0
	.10	1200	1000	900	900	800	700	600	600	100	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2600	.90	1600	1500	1400	1300	1200	1100	1000	900	600	300	100	0
	.50	1500	1400	1300	1200	1100	1000	900	800	400	100	0	0
	.10	1200	1200	1000	900	900	800	700	600	100	0	0	0
	.90	1600	1600	1400	1300	1200	1200	1100	1000	800	500	300	100
	.50	1500	1500	1300	1200	1100	1100	900	800	600	200	100	0
	.10	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.90	2700	2700	2500	2300	1900	1700	1500	1400	1200	1000	900	700
	.50	2100	2100	1900	1700	1400	1300	1200	1100	800	600	400	300
	.10	1300	1300	1200	1100	1000	900	900	800	500	100	0	0
2700	.90	1600	1600	1500	1400	1200	1200	1100	1000	800	400	200	0
	.50	1500	1500	1400	1300	1100	1100	1000	900	600	200	0	0
	.10	1200	1200	1100	1000	900	800	700	700	200	0	0	0
	.90	1700	1600	1500	1400	1300	1200	1200	1100	900	600	400	200
	.50	1600	1500	1400	1300	1200	1100	1000	900	600	300	100	0
	.10	1300	1200	1100	1000	900	900	800	700	400	0	0	0
	.90	2700	2700	2700	2500	1900	1800	1700	1500	1300	1000	900	800
	.50	2100	2100	2100	1900	1500	1400	1300	1200	900	700	500	300
	.10	1400	1300	1200	1200	1100	900	900	900	600	100	0	0
2800	.90	1700	1600	1500	1400	1300	1200	1200	1000	800	400	200	100
	.50	1600	1500	1400	1300	1200	1100	1100	900	600	200	0	0
	.10	1300	1200	1200	1100	900	900	800	700	400	0	0	0
	.90	1700	1700	1500	1500	1300	1200	1200	1200	900	700	500	300
	.50	1600	1600	1400	1400	1200	1100	1100	1000	700	300	200	0
	.10	1300	1300	1200	1100	900	900	800	700	400	0	0	0
	.90	2900	2900	2700	2700	2100	1900	1700	1700	1300	1100	900	800
	.50	2300	2300	2100	2100	1500	1400	1300	1300	1100	700	600	400
	.10	1400	1300	1300	1200	1100	1000	900	900	600	200	0	0
2900	.90	1700	1700	1500	1500	1400	1200	1200	1100	900	500	300	100
	.50	1600	1600	1400	1400	1300	1100	1100	1000	700	300	100	0
	.10	1400	1300	1200	1100	1000	900	900	800	500	0	0	0
	.90	1700	1700	1600	1500	1400	1300	1200	1200	900	800	500	400
	.50	1600	1600	1500	1400	1300	1200	1100	1100	800	400	200	100
	.10	1400	1300	1200	1200	1000	900	900	800	500	0	0	0
	.90	2900	2900	2800	2700	2200	1900	1800	1700	1300	1200	1000	900
	.50	2500	2400	2300	2100	1800	1500	1400	1300	1100	800	600	500
	.10	1800	1800	1300	1300	1200	1000	1000	900	700	300	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1700	1600	1500	1400	1300	1200	1200	900	600	400	200
	.50	1600	1600	1500	1400	1300	1200	1100	1100	800	300	100	0
	.10	1400	1300	1200	1200	1000	900	900	800	500	0	0	0
	.90	1700	1700	1600	1500	1500	1300	1200	1200	1000	900	700	500
	.50	1600	1600	1500	1400	1400	1200	1100	1100	800	500	300	100
	.10	1400	1300	1200	1200	1100	900	900	900	600	0	0	0
	.90	2900	2900	2800	2700	2300	1900	1900	1800	1400	1200	1000	900
	.50	2700	2600	2500	2300	2100	1600	1400	1400	1100	800	700	500
	.10	1800	1800	1800	1500	1300	1100	1000	1000	700	400	100	0
3100	.90	1800	1700	1700	1500	1500	1300	1200	1200	900	700	500	300
	.50	1700	1600	1600	1400	1400	1200	1100	1100	800	400	200	0
	.10	1500	1300	1300	1200	1100	900	900	900	600	0	0	0
	.90	1800	1700	1700	1600	1500	1400	1300	1300	1100	900	700	500
	.50	1700	1600	1600	1500	1400	1300	1200	1100	800	600	300	200
	.10	1500	1300	1300	1200	1100	1000	900	900	600	100	0	0
	.90	2900	2900	2800	2700	2300	2100	1900	1900	1400	1200	1100	900
	.50	2800	2800	2600	2400	2100	1800	1500	1400	1200	900	700	600
	.10	1900	1800	1800	1800	1300	1200	1100	1000	800	500	100	0
3200	.90	2200	2200	1700	1700	1500	1400	1300	1200	1000	800	500	400
	.50	2100	2100	1600	1600	1400	1300	1200	1100	800	500	200	100
	.10	1800	1800	1300	1300	1200	1000	900	900	600	100	0	0
	.90	2200	2200	1700	1700	1500	1500	1400	1300	1200	900	800	600
	.50	2100	2100	1600	1600	1400	1300	1200	1100	900	600	400	200
	.10	1800	1800	1300	1300	1200	1000	900	900	600	100	0	0
	.90	2900	2900	2800	2700	2400	2100	1900	1900	1500	1300	1100	1000
	.50	2900	2900	2800	2600	2100	2000	1600	1500	1200	900	700	600
	.10	1900	1900	1800	1800	1600	1300	1100	1100	800	500	200	0
3300	.90	2200	2200	2200	1700	1500	1500	1400	1300	1100	900	600	400
	.50	2100	2100	2100	1600	1400	1400	1300	1200	900	600	300	100
	.10	1800	1800	1800	1400	1200	1100	1000	900	700	100	0	0
	.90	2200	2200	2200	1800	1700	1500	1500	1400	1200	1000	900	700
	.50	2100	2100	2100	1600	1500	1400	1300	1200	1000	700	500	300
	.10	1800	1800	1800	1400	1200	1100	1000	900	700	200	0	0
	.90	2200	2200	2200	1800	1700	1500	1500	1400	1200	1000	900	700
	.50	2100	2100	2100	1600	1500	1400	1300	1200	1000	700	500	300
	.10	1800	1800	1800	1400	1200	1100	1000	900	700	200	0	0
	.90	2900	2900	2800	2700	2400	2200	2000	1900	1600	1300	1200	1000
	.50	2900	2900	2800	2600	2200	2100	1600	1500	1300	1100	800	700
	.10	1900	1900	1900	1400	1200	1100	1000	900	700	200	0	0
	.90	2900	2900	2800	2700	2400	2200	2000	1900	1600	1300	1200	1000
	.50	2900	2900	2800	2600	2200	2100	1600	1500	1300	1100	800	700
	.10	1900	1900	1900	1400	1200	1100	1000	900	700	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.										
3400	.90	2300	2200	2200	1700	1500	1400	1300	1100	900	700	500
	.50	2200	2100	2100	1500	1400	1300	1200	900	600	300	200
	.10	1900	1800	1800	1300	1100	1000	900	700	200	0	0
	.90	2300	2200	2200	1800	1700	1500	1500	1200	1000	900	800
	.50	2200	2100	2100	1600	1400	1300	1300	1000	700	600	300
	.10	1900	1800	1800	1300	1100	1000	900	700	400	0	0
	.90	2900	2900	2700	2600	2200	2100	2000	1700	1300	1200	1100
	.50	2900	2900	2600	2200	2100	1800	1600	1300	1100	800	700
	.10	2300	2000	1900	1800	1500	1300	1200	900	600	400	100
3500	.90	2300	2300	2200	1700	1500	1500	1400	1200	900	800	600
	.50	2200	2200	2100	1500	1400	1400	1300	1000	700	400	200
	.10	1900	1900	1800	1300	1200	1100	1000	700	400	0	0
	.90	2700	2300	2200	1900	1700	1700	1500	1300	1100	900	800
	.50	2200	2200	2100	1500	1500	1400	1300	1100	800	600	400
	.10	1900	1900	1800	1300	1200	1100	1000	700	400	100	0
	.90	2900	2900	2800	2700	2300	2200	2000	1700	1400	1200	1100
	.50	2900	2900	2600	2200	2100	2100	1800	1400	1100	900	700
	.10	2400	2300	1900	1800	1600	1300	1300	900	700	400	200
3600	.90	2300	2300	2200	1900	1600	1500	1400	1200	900	900	700
	.50	2200	2200	2100	1300	1500	1400	1300	1100	700	500	300
	.10	1900	1900	1800	1500	1200	1100	1000	800	400	0	0
	.90	2700	2300	2200	2100	1800	1700	1700	1300	1100	1000	900
	.50	2200	2200	2100	1900	1500	1400	1400	1100	800	700	500
	.10	1900	1900	1800	1500	1300	1100	1000	800	500	100	0
	.90	2900	2900	2800	2700	2400	2300	2100	1800	1500	1300	1200
	.50	2900	2900	2800	2700	2400	2300	2100	1800	1500	1300	1200
	.10	2400	2400	2000	1900	1800	1600	1300	1400	1200	1000	800
3700	.90	2700	2300	2300	2200	1700	1600	1500	1200	1000	900	800
	.50	2600	2200	2200	2100	1600	1400	1400	1100	800	600	300
	.10	2300	1900	1900	1800	1300	1200	1100	800	500	0	0
	.90	2700	2700	2300	2200	1900	1800	1700	1400	1200	1000	900
	.50	2600	2200	2200	2100	1600	1500	1400	1200	900	700	600
	.10	2300	1900	1900	1900	1300	1200	1100	800	500	200	0
	.90	2900	2900	2800	2800	2700	2300	2200	1900	1600	1300	1200
	.50	2900	2900	2800	2400	2200	2200	2100	1500	1300	1100	800
	.10	2400	2400	2000	1900	1800	1600	1400	1500	1300	1100	800
	.90	2900	2900	2800	2800	2700	2300	2200	1900	1600	1300	1200
	.50	2900	2900	2800	2800	2700	2300	2200	1900	1600	1300	1200
	.10	2400	2400	2000	1900	1800	1600	1400	1500	1300	1100	800

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MARCH INCUBATION MONTH - APRIL

SPawning Q	EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3800	.90	.90	2800	2700	2300	2300	2200	1900	1700	1600	1300	1100	900	800
	.50	.50	2700	2600	2200	2100	1700	1500	1400	1400	1100	800	600	400
	.10	.10	2400	2300	1900	1800	1400	1300	1200	1200	900	500	100	0
	.90	.90	2800	2700	2400	2300	2100	1900	1800	1800	1500	1200	1100	900
	.50	.50	2700	2600	2200	2100	1800	1600	1500	1500	1200	1000	700	600
	.10	.10	2400	2300	1900	1800	1500	1300	1200	1200	900	600	300	0
	.90	.90	2900	2900	2800	2800	2800	2700	2300	2300	1900	1600	1400	1200
	.50	.50	2900	2900	2800	2800	2400	2200	2200	2100	1500	1300	1100	900
	.10	.10	2400	2400	2400	1900	1900	1700	1700	1600	1100	800	600	400
3900	.90	.90	2800	2800	2300	2300	2300	1900	1800	1700	1400	1100	900	900
	.50	.50	2700	2700	2500	2200	2200	1800	1600	1500	1200	800	700	500
	.10	.10	2400	2400	2300	1900	1600	1300	1200	1200	900	500	200	0
	.90	.90	2800	2800	2700	2700	2300	2200	2000	1900	1500	1300	1100	1000
	.50	.50	2700	2700	2600	2200	2200	2000	1800	1600	1300	1100	800	700
	.10	.10	2400	2400	2300	1900	1600	1300	1300	1300	900	600	300	100
	.90	.90	2900	2900	2900	2900	2300	2800	2700	2300	2000	1700	1500	1300
	.50	.50	2900	2900	2900	2500	2500	2200	2200	2200	1600	1400	1200	1100
	.10	.10	2400	2400	2400	2000	2000	1900	1800	1600	1200	900	700	500
4000	.90	.90	2800	2800	2800	2300	2300	2200	1900	1800	1400	1200	1000	900
	.50	.50	2700	2700	2700	2200	2200	2100	1800	1600	1200	900	700	600
	.10	.10	2400	2400	2400	1900	1900	1800	1500	1300	900	600	200	0
	.90	.90	2900	2900	2800	2800	2400	2300	2200	1900	1700	1300	1200	1000
	.50	.50	2900	2900	2900	2900	2500	2200	2200	2200	1600	1400	1200	1100
	.10	.10	2400	2400	2400	2000	2000	1900	1800	1600	1200	900	700	500
	.90	.90	2800	2800	2800	2300	2300	2200	1900	1800	1400	1200	1000	900
	.50	.50	2700	2700	2700	2200	2200	2100	1800	1600	1200	900	700	600
	.10	.10	2400	2400	2400	1900	1900	1800	1500	1300	900	600	200	0
	.90	.90	2900	2900	2800	2800	2400	2300	2200	1900	1700	1300	1200	1000
	.50	.50	2900	2900	2900	2900	2500	2200	2200	2200	1600	1400	800	700
	.10	.10	2400	2400	2400	2000	2000	1900	1600	1300	1000	700	400	100
	.90	.90	2900	2900	2900	2900	2400	2800	2700	2500	2000	1800	1600	1400
	.50	.50	2900	2900	2900	2900	2600	2300	2200	2200	1800	1400	1300	1100
	.10	.10	2400	2400	2400	2000	2000	1900	1800	1700	1200	900	700	500
	.90	.90	2800	2800	2800	2300	2300	2200	2000	1900	1500	1200	1100	900
	.50	.50	2700	2700	2700	2200	2200	2100	1900	1700	1300	1000	700	600
	.10	.10	2400	2400	2400	2000	2000	1800	1600	1400	1000	600	300	100
	.90	.90	2900	2900	2800	2800	2400	2300	2200	1900	1700	1300	1200	1100
	.50	.50	2900	2900	2900	2900	2600	2300	2200	2200	1600	1400	300	100
	.10	.10	2400	2400	2400	2000	2000	1800	1600	1400	1000	600	300	100
	.90	.90	2700	2700	2600	2600	2200	2200	2100	1900	1400	1100	900	700
	.50	.50	2400	2400	2300	2300	1900	1800	1500	1500	1000	700	500	200
	.10	.10	2900	2900	2900	2900	2800	2700	2700	2700	2000	1700	1500	1400
	.90	.90	2900	2900	2900	2900	2800	2800	2700	2700	2000	1900	1700	1400
	.50	.50	2900	2900	2900	2900	2800	2800	2700	2700	2000	1900	1700	1200
	.10	.10	2700	2700	2700	2700	2600	2400	2300	2200	1300	1000	800	600

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPANNING WUA	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4200	.90	2800	2800	2800	2800	2300	2300	2000	1900	1600	1300	1100	1000
	.50	2700	2700	2700	2700	2200	2200	1900	1800	1300	1100	800	700
	.10	2400	2400	2400	2400	1900	1900	1700	1600	1000	700	400	100
	.90	3300	3200	3100	2900	2700	2300	2300	2200	1800	1500	1300	1200
	.50	2700	2700	2700	2700	2300	2200	2100	1900	1500	1200	1000	800
	.10	2400	2400	2400	2400	1900	1900	1700	1600	1100	800	500	300
	.90	4200	4200	4000	3900	3300	3000	2900	2800	2200	1900	1700	1600
	.50	3600	3600	3400	3300	2800	2600	2400	2300	2000	1500	1400	1200
	.10	2700	2500	2500	2400	2400	1900	1900	1800	1300	1000	800	700
4300	.90	3100	2800	2800	2800	2300	2300	2200	2000	1700	1400	1200	1000
	.50	3000	2700	2700	2700	2200	2200	2000	1900	1400	1100	800	700
	.10	2700	2400	2400	2400	1700	1900	1700	1600	1100	700	500	200
	.90	3400	3400	3200	3000	2800	2500	2300	2200	1900	1500	1300	1200
	.50	3000	2800	2700	2700	2500	2200	2200	2100	1500	1300	1100	800
	.10	2700	2400	2400	2400	1700	1900	1700	1600	1100	800	600	300
	.90	4200	4200	4000	3800	3300	3000	2900	2800	2300	2000	1800	1600
	.50	3600	3600	3400	3200	2800	2700	2400	2300	2100	1600	1400	1300
	.10	2700	2500	2500	2400	2400	2000	1900	1800	1400	1100	900	700
4400	.90	3100	2800	2800	2800	2500	2300	2300	2100	1800	1400	1200	1100
	.50	3000	2700	2700	2700	2400	2200	2100	1900	1500	1200	900	700
	.10	2700	2400	2400	2400	1700	1900	1800	1700	1100	800	500	200
	.90	3600	3500	3400	3200	2800	2700	2300	2300	1900	1600	1400	1200
	.50	3000	2900	2800	2700	2600	2200	2200	2100	1600	1300	1100	900
	.10	2700	2400	2400	2400	2200	1900	1800	1700	1200	900	600	400
	.90	4200	4200	4000	3900	3300	3100	2900	2900	2500	2000	1900	1700
	.50	3600	3600	3400	3300	2800	2700	2500	2400	2200	1600	1400	1300
	.10	2700	2700	2500	2500	2400	2200	1900	1900	1500	1200	900	700
4500	.90	3100	2900	2800	2800	2700	2300	2300	2200	1800	1500	1300	1200
	.50	3000	2600	2700	2700	2400	2200	2100	2000	1500	1300	1000	800
	.10	2700	2500	2400	2400	2200	1900	1800	1700	1200	800	600	300
	.90	3600	3600	3400	3300	2800	2700	2500	2300	2000	1700	1500	1300
	.50	3000	3000	2900	2800	2700	2300	2200	2200	1700	1300	1200	1000
	.10	2700	2500	2400	2400	2200	1900	1800	1700	1300	900	700	500
	.90	4200	4200	4000	4000	3500	3100	3000	2900	2700	2000	1900	1700
	.50	3600	3600	3400	3400	3000	2700	2500	2500	2200	1800	1500	1400
	.10	2700	2700	2500	2400	2400	2200	2000	2000	1600	1200	1000	800

PAGE 9  
 TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3100	2900	2900	2800	2800	2500	2300	2300	1900	1600	1300	1200
	.50	3000	2800	2800	2700	2600	2200	2200	2100	1600	1300	1100	800
	.10	2700	2500	2500	2400	2300	1900	1900	1700	1200	900	600	400
	.90	3700	3700	3500	3300	2900	2800	2700	2500	2000	1800	1500	1300
	.50	3100	3100	3000	2800	2700	2400	2200	2200	1800	1400	1300	1100
	.10	2700	2500	2500	2400	2300	1900	1900	1800	1300	1000	700	500
	.90	4200	4200	4000	4000	3900	3100	3100	2900	2800	2100	1900	1800
	.50	3600	3600	3400	3400	3300	2800	2600	2500	2200	1900	1500	1400
	.10	2700	2700	2500	2500	2400	2300	2200	1900	1600	1300	1000	900
4700	.90	3100	3100	2900	2900	2800	2600	2400	2300	1900	1600	1400	1200
	.50	3000	3000	2800	2800	2700	2300	2200	2100	1700	1300	1100	900
	.10	2700	2700	2500	2500	2400	2000	1900	1800	1300	900	700	400
	.90	3800	3800	3600	3400	2900	2800	2700	2600	2100	1800	1600	1400
	.50	3200	3200	3000	2800	2700	2500	2300	2200	1900	1500	1300	1100
	.10	2700	2700	2500	2500	2400	2000	1900	1800	1500	1000	800	600
	.90	4200	4100	4000	4000	4000	3200	3100	3000	2800	2200	2000	1900
	.50	3600	3500	3400	3400	3400	2800	2700	2500	2300	2000	1600	1400
	.10	2800	2700	2500	2500	2400	2300	2200	2000	1700	1300	1100	900
4800	.90	3300	3200	3100	2900	2800	2700	2500	2300	2000	1700	1500	1300
	.50	3000	3000	2800	2800	2700	2400	2200	2200	1800	1400	1200	1000
	.10	2700	2700	2500	2500	2400	2000	1900	1800	1400	1000	700	500
	.90	3900	3800	3700	3500	3000	2800	2800	2700	2100	1900	1700	1500
	.50	3300	3200	3100	2900	2900	2600	2400	2200	1900	1500	1300	1200
	.10	2700	2700	2500	2500	2400	2100	1900	1900	1600	1000	800	700
	.90	4100	4100	4100	4000	4000	3200	3100	3000	2800	2300	2000	1900
	.50	3500	3500	3500	3400	3400	2800	2700	2600	2300	2000	1700	1500
	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000
4900	.90	3400	3400	3200	3100	2900	2800	2500	2400	2000	1800	1500	1300
	.50	3000	3000	2800	2800	2700	2500	2300	2200	1900	1400	1300	1100
	.10	2700	2700	2500	2500	2400	2200	1900	1800	1500	1000	700	500
	.90	4000	3900	3800	3600	3100	2900	2800	2800	2100	1900	1700	1600
	.50	3400	3300	3200	3000	2800	2600	2400	2300	2000	1600	1400	1300
	.10	2700	2700	2500	2500	2400	2200	1900	1900	1600	1100	900	700
	.90	4100	4100	4100	4100	4000	3200	3100	3000	2900	2300	2000	1900
	.50	3500	3500	3500	3400	3400	2800	2700	2600	2300	2000	1700	1500
	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000
	.90	3400	3400	3200	3100	2900	2800	2500	2400	2000	1800	1500	1300
	.50	3000	3000	2800	2800	2700	2500	2300	2200	1900	1400	1300	1100
	.10	2700	2700	2500	2500	2400	2200	1900	1800	1500	1000	700	500
	.90	4000	3900	3800	3600	3100	2900	2800	2800	2100	1900	1700	1600
	.50	3400	3300	3200	3000	2800	2600	2400	2300	2000	1600	1400	1300
	.10	2700	2700	2500	2500	2400	2200	1900	1900	1600	1100	900	700
	.90	4100	4100	4100	4100	4000	3200	3100	3000	2900	2300	2000	1900
	.50	3500	3500	3500	3400	3400	2800	2700	2600	2300	2000	1700	1500
	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000
	.90	3400	3400	3200	3100	2900	2800	2500	2400	2000	1800	1500	1300
	.50	3000	3000	2800	2800	2700	2500	2300	2200	1900	1400	1300	1100
	.10	2700	2700	2500	2500	2400	2200	1900	1800	1500	1000	700	500
	.90	4000	3900	3800	3600	3100	2900	2800	2800	2100	1900	1700	1600
	.50	3400	3300	3200	3000	2800	2600	2400	2300	2000	1600	1400	1300
	.10	2700	2700	2500	2500	2400	2200	1900	1900	1600	1100	900	700
	.90	4100	4100	4100	4100	4000	3200	3100	3000	2900	2300	2000	1900
	.50	3500	3500	3500	3400	3400	2800	2700	2600	2300	2000	1700	1500
	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000
	.90	3400	3400	3200	3100	2900	2800	2500	2400	2000	1800	1500	1300
	.50	3000	3000	2800	2800	2700	2500	2300	2200	1900	1400	1300	1100
	.10	2700	2700	2500	2500	2400	2200	1900	1800	1500	1000	700	500
	.90	4000	3900	3800	3600	3100	2900	2800	2800	2100	1900	1700	1600
	.50	3400	3300	3200	3000	2800	2600	2400	2300	2000	1600	1400	1300
	.10	2700	2700	2500	2500	2400	2200	1900	1900	1600	1100	900	700
	.90	4100	4100	4100	4100	4000	3200	3100	3000	2900	2300	2000	1900
	.50	3500	3500	3500	3400	3400	2800	2700	2600	2300	2000	1700	1500
	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000
	.90	3400	3400	3200	3100	2900	2800	2500	2400	2000	1800	1500	1300
	.50	3000	3000	2800	2800	2700	2500	2300	2200	1900	1400	1300	1100
	.10	2700	2700	2500	2500	2400	2200	1900	1800	1500	1000	700	500
	.90	4000	3900	3800	3600	3100	2900	2800	2800	2100	1900	1700	1600
	.50	3400	3300	3200	3000	2800	2600	2400	2300	2000	1600	1400	1300
	.10	2700	2700	2500	2500	2400	2200	1900	1900	1600	1100	900	700
	.90	4100	4100	4100	4100	4000	3200	3100	3000	2900	2300	2000	1900
	.50	3500	3500	3500	3400	3400	2800	2700	2600	2300	2000	1700	1500
	.10	2800	2700	2500	2500	2400	2300	2300	2000	1700	1300	1200	1000

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING q	INCUBATION		% OF MAX EFFECTIVE SPAWNING WUA												
	EXC.	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
5000	.90	.90	3600	3500	3400	3200	2900	2800	2700	2500	2100	1800	1600	1400	
	.50	.50	3100	3000	2900	2800	2700	2500	2400	2200	1900	1500	1300	1100	
	.10	.10	2800	2700	2500	2500	2400	2200	1900	1900	1600	1000	800	600	
	.90	.90	4000	4000	3800	3600	3100	2900	2800	2800	2200	2000	1800	1600	
	.50	.50	3400	3400	3200	3100	2800	2700	2500	2300	2000	1600	1400	1300	
	.10	.10	2800	2700	2500	2500	2400	2200	2000	1900	1600	1200	900	700	
	.90	.90	4100	4100	4100	4100	4100	3900	3200	3100	2900	2600	2100	2000	
	.50	.50	3500	3500	3500	3500	3500	3300	2700	2600	2400	2200	1800	1600	
	.10	.10	3100	3100	2700	2500	2400	2400	2300	2300	1700	1400	1200	1100	
5100	.90	.90	3600	3600	3400	3300	2900	2800	2700	2600	2100	1900	1700	1500	
	.50	.50	3300	3100	3000	2800	2800	2600	2400	2300	1900	1500	1300	1200	
	.10	.10	3100	2800	2500	2500	2400	2300	1900	1900	1600	1100	800	700	
	.90	.90	4100	4100	3900	3700	3200	2900	2900	2800	2300	2000	1800	1700	
	.50	.50	3500	3500	3300	3100	2900	2700	2500	2400	2100	1700	1400	1300	
	.10	.10	3100	2800	2500	2500	2400	2300	2100	1900	1500	1200	1000	800	
	.90	.90	4100	4100	4100	4100	4100	4000	3300	3200	2900	2700	2200	2000	
	.50	.50	3500	3500	3500	3500	3500	3400	2800	2700	2500	2200	1900	1600	
	.10	.10	3100	3100	2700	2500	2500	2400	2400	2300	1700	1500	1300	1100	
5200	.90	.90	3700	3700	3500	3400	3000	2800	2800	2700	2100	1900	1700	1500	
	.50	.50	3300	3100	3000	2900	2900	2700	2500	2300	2000	1600	1400	1300	
	.10	.10	3100	2800	2600	2500	2400	2300	2000	1900	1500	1100	900	700	
	.90	.90	4200	4100	4000	3800	3300	3000	2900	2800	2400	2000	1900	1700	
	.50	.50	3600	3500	3400	3200	2800	2700	2500	2400	2200	1700	1500	1400	
	.10	.10	3100	2800	2600	2500	2400	2300	2200	1900	1600	1200	1000	800	
	.90	.90	4500	4500	4200	4100	4100	4000	3400	3300	3000	2800	2300	2000	
	.50	.50	3900	3900	3600	3500	3500	3400	3100	2800	2500	2300	2100	1700	
	.10	.10	3100	3100	2800	2700	2500	2500	2400	2400	1900	1500	1300	1200	
5300	.90	.90	3800	3800	3600	3400	3100	2900	2800	2700	2200	1900	1800	1600	
	.50	.50	3300	3300	3100	3000	2900	2700	2500	2400	2000	1600	1400	1300	
	.10	.10	3100	3100	2700	2500	2500	2300	2200	2400	1600	1200	900	700	
	.90	.90	4200	4200	4000	3900	3400	3000	2900	2900	2500	2000	1900	1800	
	.50	.50	3600	3600	3400	3300	2900	2700	2600	2500	2200	1800	1500	1400	
	.10	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900	
	.90	.90	4500	4500	4500	4200	4100	4100	4000	3500	3100	2900	2500	2100	
	.50	.50	3900	3900	3900	3600	3500	3500	3400	2900	2600	2300	2200	1800	
	.10	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900	
	.90	.90	4500	4500	4500	4200	4100	4100	4000	3500	3100	2900	2500	2100	
	.50	.50	3900	3900	3900	3600	3500	3500	3400	2900	2600	2300	2200	1800	
	.10	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900	
	.90	.90	4500	4500	4500	4200	4100	4100	4000	3500	3100	2900	2500	2100	
	.50	.50	3900	3900	3900	3600	3500	3500	3400	2900	2600	2300	2200	1800	
	.10	.10	3100	3100	2700	2500	2500	2300	2200	2000	1700	1300	1000	900	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3900	3800	3700	3500	3100	2900	2800	2800	2300	2000	1800	1700
	.50	3400	3300	3200	3100	2300	2700	2500	2400	2100	1600	1400	1300
	.10	3100	3100	2800	2500	2300	2300	2200	2000	1600	1200	1000	800
	.90	4200	4200	4000	3900	3400	3000	2900	2900	2600	2000	1900	1800
	.50	3600	3600	3400	3300	3000	2800	2700	2500	2200	1800	1600	1400
	.10	3100	3100	2800	2500	2500	2400	2300	2200	1700	1300	1100	900
	.90	4600	4600	4500	4500	4200	4100	4100	4000	3200	2900	2700	2200
	.50	4000	4000	3900	3900	3500	3500	3500	3400	2800	2400	2200	1900
	.10	3100	3100	3000	2900	2800	2600	2500	2500	2000	1600	1400	1300
5500	.90	4000	3900	3800	3600	3200	2900	2900	2800	2300	2000	1900	1700
	.50	3400	3300	3300	3100	2800	2800	2600	2500	2100	1700	1500	1400
	.10	3100	3100	2800	2600	2500	2400	2300	2100	1700	1200	1000	800
	.90	4200	4200	4000	3800	3400	3100	2900	2900	2700	2100	2000	1800
	.50	3600	3600	3400	3300	3000	2800	2700	2500	2300	1900	1600	1500
	.10	3100	3100	2800	2700	2500	2400	2300	2200	1700	1300	1100	1000
	.90	4600	4600	4600	4600	4200	4200	4100	4100	3300	3000	2800	2400
	.50	4000	4000	4000	4000	3600	3600	3500	3500	2900	2500	2300	2100
	.10	3100	3100	3100	2900	2800	2700	2500	2500	2300	1700	1500	1300
	.90	4000	4000	3800	3600	3300	3000	2900	2900	2500	2000	1900	1700
5600	.90	3400	3400	3300	3200	2900	2800	2700	2500	2200	1800	1500	1400
	.50	3100	3100	3000	2700	2500	2400	2300	2200	1700	1300	1000	900
	.10	2400	2400	2300	2100	2000	1900	1800	1700	1300	1000	800	700
	.90	4200	4200	4000	3900	3400	3100	3000	2900	2800	2200	2000	1900
	.50	3600	3600	3400	3300	3000	2800	2800	2700	2300	1900	1700	1500
	.10	3100	3100	3000	2700	2600	2500	2400	2300	1700	1400	1200	1000
	.90	4600	4600	4600	4600	4500	4200	4200	4100	3400	3000	2800	2600
	.50	4000	4000	4000	4000	3900	3600	3600	3500	2900	2600	2400	2200
	.10	3100	3100	3100	2900	2900	2700	2600	2600	2400	1800	1600	1400
5700	.90	4100	4100	3900	3700	3400	3000	2900	2900	2600	2000	1900	1800
	.50	3500	3500	3300	3300	3000	2800	2800	2700	2200	1800	1600	1400
	.10	3100	3100	3100	2800	2600	2500	2400	2300	1700	1300	1100	900
	.90	4100	4100	3900	3700	3400	3000	2900	2900	2600	2000	1900	1800
	.50	3600	3600	3400	3400	3100	2900	2800	2800	2300	1900	1700	1600
	.10	3100	3100	3100	2800	2600	2500	2400	2300	1800	1400	1200	1000
	.90	4700	4700	4700	4600	4500	4300	4200	4200	3500	3000	2900	2700
	.50	4100	4100	4100	4000	4000	3700	3600	3600	3000	2600	2400	2200
	.10	3300	3100	3100	3000	2900	2800	2700	2600	2400	1900	1600	1400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	4200	4100	4000	3800	3400	3100	3000	2900	2700	2100	2000	1800
	.50	3600	3500	3400	3300	3100	2900	2800	2700	2300	1900	1600	1400
	.10	3100	3100	3100	2800	2600	2500	2400	2300	1800	1400	1100	1000
	.90	4200	4200	4000	4000	3900	3300	3100	3100	2900	2500	2100	2000
	.50	3600	3600	3400	3400	3000	3000	2900	2800	2400	2200	1800	1600
	.10	3100	3100	3100	2800	2700	2600	2500	2400	1900	1500	1300	1100
	.90	4700	4700	4700	4700	4600	4300	4200	4200	3500	3100	2900	2700
	.50	4100	4100	4100	4100	4000	3700	3600	3600	3100	2600	2400	2300
	.10	3400	3100	3100	3000	3000	2900	2800	2700	2500	1900	1600	1400
	.90	4200	4200	4000	3900	3400	3100	3000	3000	2800	2200	2000	1900
5900	.90	3600	3600	3400	3300	3100	3000	2900	2800	2300	1900	1700	1500
	.50	3100	3100	3100	2900	2700	2600	2500	2400	1900	1400	1200	1000
	.10	4200	4100	4000	4000	4000	3400	3200	3100	2900	2600	2200	2000
	.90	3600	3500	3400	3400	3400	3100	3000	2900	2500	2200	1900	1700
	.50	3100	3100	3100	3000	2700	2600	2500	2500	1900	1500	1300	1100
	.10	4700	4700	4700	4700	4600	4500	4300	4200	3600	3100	2900	2800
	.90	4100	4100	4100	4100	4000	3900	3700	3600	3300	2600	2400	2300
	.50	3400	3100	3100	3100	3000	2900	2800	2800	2500	2000	1600	1400
	.10	4200	4200	4000	3900	3400	3100	3100	3000	2800	2300	2000	1900
	.90	3600	3600	3400	3300	3100	3000	2900	2800	2400	2100	1700	1500
6000	.90	3300	3100	3100	3000	2700	2600	2500	2500	1900	1500	1200	1000
	.50	4100	4100	4100	4000	4000	3900	3700	3600	3300	2600	2400	2300
	.10	3400	3100	3100	3100	3000	2900	2800	2800	2500	2000	1600	1400
	.90	4200	4200	4000	3900	3400	3100	3100	3000	2800	2300	2000	1900
	.50	3600	3600	3400	3300	3100	3000	2900	2800	2400	2100	1700	1500
	.10	4800	4800	4700	4700	4700	4600	4300	4200	3700	3100	2900	2800
	.90	4100	4100	4100	4000	4000	3900	3200	3100	2900	2700	2300	2000
	.50	3600	3500	3500	3400	3400	3100	3000	3000	2500	2300	2000	1700
	.10	3300	3100	3100	3000	2800	2700	2600	2500	2000	1500	1300	1200
	.90	4800	4800	4700	4700	4700	4600	4300	4200	3700	3100	2900	2800
6100	.90	4200	4200	4100	4100	4100	4000	3700	3600	3300	2700	2400	2300
	.50	3400	3100	3100	3100	3000	3000	2900	2800	2500	2200	1700	1500
	.10	4200	4200	4000	3800	3400	3200	3100	3100	2800	2400	2000	1900
	.90	3700	3600	3400	3300	3200	3000	2900	2800	2500	2200	2000	1800
	.50	3400	3100	3100	3100	3000	2900	2800	2800	2400	2100	1800	1600
	.10	3400	3100	3100	3100	2900	2700	2600	2500	2100	1500	1300	1100
	.90	4100	4100	4100	4100	4000	4000	3200	3200	3000	2800	2400	2100
	.50	3700	3500	3500	3500	3400	3300	3100	3000	2600	2300	2100	1800
	.10	3400	3100	3100	3100	2900	2900	2700	2600	2200	1600	1400	1200
	.90	4800	4800	4800	4800	4700	4600	4500	4300	4000	3200	3000	2800
6200	.90	4200	4200	4200	4200	4200	4200	4200	4200	3400	2800	2500	2300
	.50	3400	3100	3100	3100	3100	3100	3100	3100	2800	2400	2000	1800
	.10	4800	4800	4800	4800	4700	4600	4500	4300	4000	3200	3000	2800
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3400	2800	2500	2300
	.50	3400	3100	3100	3100	3100	3100	3100	3100	2800	2400	2000	1800
	.10	4800	4800	4800	4800	4700	4600	4500	4300	4000	3200	3000	2800
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3400	2800	2500	2300
	.50	3400	3100	3100	3100	3100	3100	3100	3100	2800	2400	2000	1800
	.10	4800	4800	4800	4800	4700	4600	4500	4300	4000	3200	3000	2800
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3400	2800	2500	2300

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCURATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6200	.90	4200	4200	4000	3900	3400	3200	3200	3100	2900	2600	2100	2000	
		.50	3700	3500	3300	3300	3300	3100	3000	2900	2500	2200	1800	1600
		.10	3400	3100	3100	3100	2800	2700	2700	2600	2000	1500	1300	1100
		.90	4100	4100	4100	4100	4100	3900	3200	3200	3000	2800	2600	2200
		.50	3700	3500	3500	3500	3500	3300	3100	3100	2600	2400	2200	1800
		.10	3400	3100	3100	3100	2800	2800	2700	2600	2300	1600	1400	1300
		.90	4800	4800	4800	4800	4700	4700	4500	4300	4000	3200	3000	2900
		.50	4200	4200	4200	4200	4100	4100	4000	3700	3400	2900	2600	2400
		.10	3900	3400	3100	3100	3100	3000	3000	2900	2600	2300	1900	1600
		.90	4200	4200	4000	4000	3500	3400	3200	3100	2900	2700	2200	2000
6300	.90	3700	3600	3500	3400	3300	3100	3100	3000	2500	2200	1900	1700	
		.50	3400	3100	3100	3100	2800	2800	2700	2600	2200	1600	1300	1100
		.10	4100	4100	4100	4100	4100	4000	3400	3300	3100	2900	2700	2300
		.90	3700	3500	3500	3500	3500	3400	3300	3100	2700	2400	2200	2000
		.50	3400	3100	3100	3100	2900	2800	2700	2600	2200	1600	1300	1100
		.10	4100	4100	4100	4100	4100	4000	3400	3300	3100	2900	2700	2300
		.90	4800	4800	4800	4800	4800	4700	4600	4500	4100	3300	3000	2900
		.50	4200	4200	4200	4200	4200	4100	4000	3900	3500	3000	2600	2400
		.10	3900	3400	3100	3100	3100	3000	3000	2900	2700	2400	2000	1700
		.90	4200	4200	4000	4000	3500	3400	3200	3100	2900	2700	2200	2000
6400	.90	4300	4200	4000	4000	3900	3400	3200	3200	2900	2700	2300	2000	
		.50	4200	3600	3500	3400	3300	3200	3100	3100	2600	2300	2100	1700
		.10	3900	3100	3100	3100	2900	2800	2800	2700	2300	1600	1300	1200
		.90	4500	4500	4200	4100	4100	4000	3400	3400	3200	2900	2800	2400
		.50	4200	3900	3600	3500	3500	3400	3300	3200	2800	2500	2300	2100
		.10	3900	3100	3100	3100	2900	2800	2800	2700	2400	1600	1500	1300
		.90	5300	5300	5300	5300	4900	4800	4700	4600	4200	3400	3100	2900
		.50	4700	4700	4700	4700	4200	4200	4100	4000	3600	3100	2700	2500
		.10	3900	3600	3600	3600	3200	3100	3100	3000	2800	2500	2100	1800
		.90	4300	4200	4000	4000	4000	3400	3300	3200	3000	2800	2500	2100
6500	.90	4200	4200	3700	3400	3400	3300	3100	3100	2700	2300	2100	1800	
		.50	4200	3700	3400	3400	3400	3300	3100	3000	2800	2500	2100	1800
		.10	3900	3400	3100	3100	2900	2800	2800	2700	2300	2100	1800	1200
		.90	4500	4500	4500	4200	4100	4100	4000	3500	3200	3000	2800	2600
		.50	4200	3900	3900	3700	3500	3500	3400	3400	2900	2500	2400	2200
		.10	3900	3400	3100	3100	3000	2900	2900	2800	2400	1900	1600	1400
		.90	5400	5400	5400	5400	5400	5300	4800	4800	4300	3600	3200	3000
		.50	4800	4800	4800	4800	4300	4300	4200	4200	3700	3200	2900	2600
		.10	3900	3800	3700	3700	3700	3700	3600	3100	2900	2500	2200	1900
		.90	4800	4800	4800	4800	4800	4800	4700	4200	3700	3200	2900	2600

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MARCH INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
6600	.90	4300	4100	4100	4000	4000	3500	3300	3300	3000	2800	2600	2200
	.50	4200	3700	3500	3400	3400	3300	3200	3100	2800	2400	2200	1900
	.10	3900	3400	3100	3100	3000	2900	2900	2800	2400	1800	1400	1300
	.90	4600	4600	4500	4500	4200	4100	4100	4000	3300	3000	2900	2700
	.50	4200	4000	3900	3900	3600	3500	3500	3400	3000	2600	2400	2300
	.10	3900	3400	3100	3100	3100	2900	2900	2800	2500	1900	1700	1400
	.90	5400	5400	5400	5400	5400	5400	5300	5300	4300	3800	3300	3000
	.50	4800	4800	4800	4800	4800	4800	4700	4700	3700	3300	3100	2700
	.10	3900	3800	3700	3700	3700	3700	3700	3600	3000	2600	2400	2100
6700	.90	4300	4100	4100	4100	4000	3500	3400	3300	3100	2900	2700	2300
	.50	4200	3800	3500	3500	3400	3300	3300	3200	2800	2400	2300	2100
	.10	3900	3500	3200	3100	3100	2900	2900	2800	2400	1800	1400	1300
	.90	4600	4600	4600	4600	4200	4200	4100	4100	3400	3100	2900	2800
	.50	4200	4000	4000	4000	3700	3600	3500	3500	3100	2700	2500	2300
	.10	3900	3500	3200	3100	3100	3000	2900	2900	2500	2100	1800	1500
	.90	5500	5500	5500	5500	5500	5400	5400	5400	4700	4000	3500	3200
	.50	4900	4900	4900	4900	4900	4800	4800	4800	4100	3500	3200	2800
	.10	3900	3900	3800	3800	3800	3700	3700	3700	3100	2700	2400	2200
6800	.90	4300	4200	4100	4100	4100	3900	3400	3400	3100	2900	2800	2400
	.50	4200	4100	3700	3500	3500	3400	3300	3300	2900	2500	2300	2100
	.10	3900	3800	3400	3100	3100	3000	2900	2800	2400	1900	1500	1300
	.90	4600	4600	4600	4600	4500	4200	4200	4100	3500	3200	3000	2800
	.50	4200	4100	4000	4000	3900	3600	3600	3500	3200	2800	2500	2400
	.10	3900	3800	3400	3100	3100	3000	2900	2900	2600	2300	1800	1600
	.90	5500	5500	5500	5500	5500	5500	5500	5400	4800	4200	3700	3300
	.50	4900	4900	4900	4900	4900	4900	4900	4800	4200	3600	3300	3000
	.10	3900	3900	3800	3800	3800	3800	3800	3700	3200	2800	2500	2300
6900	.90	4300	4200	4100	4100	4100	4000	3500	3400	3200	3000	2800	2600
	.50	4200	4100	3800	3500	3500	3400	3400	3300	3000	2500	2400	2200
	.10	3900	3800	3500	3200	3100	3000	2900	2900	2500	1900	1600	1400
	.90	4700	4700	4700	4600	4500	4300	4200	4200	3500	3200	3000	2900
	.50	4200	4100	4100	4000	4000	3700	3600	3600	3300	2900	2600	2400
	.10	3900	3800	3500	3200	3100	3100	3000	2900	2700	2300	1900	1600
	.90	5600	5600	5600	5600	5500	5500	5500	5500	4900	4200	3800	3500
	.50	5600	5600	5600	5600	5600	5600	5600	5600	4900	4300	3700	3400
	.10	4800	4500	4500	3900	3800	3800	3800	3800	3500	2900	2600	2400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
7000	.90	4500	4500	4200	4200	4100	4000	3900	3500	3200	3000	2900	2700
	.50	4200	4200	3800	3800	3500	3500	3400	3400	3100	2600	2400	2200
	.10	3900	3900	3500	3400	3100	3100	3000	2900	2600	2000	1700	1400
	.90	4700	4700	4700	4700	4600	4300	4200	4200	3600	3200	3000	2900
	.50	4200	4200	4100	4100	4000	3800	3700	3600	3400	2900	2600	2400
	.10	3900	3900	3500	3400	3200	3100	3100	3000	2700	2400	2000	1700
	.90	5600	5600	5600	5600	5600	5600	5500	5500	5300	4300	4000	3600
	.50	5600	5600	5600	5600	5600	5000	5000	4900	4800	3800	3500	3300
	.10	4800	4500	4500	4500	4500	3900	3900	3800	3700	3100	2700	2500



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING QUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
1800	.90	800	700	700	600	500	300	200	100	0	0	0	0
	.50	400	400	400	300	200	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	800	700	700	600	500	300	200	200	0	0	0	0
	.50	400	400	400	300	200	0	0	0	0	0	0	0
	.10	100	100	100	0	0	0	0	0	0	0	0	0
	.90	900	900	900	800	700	600	500	300	0	0	0	0
	.50	600	600	500	500	400	200	100	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
1900	.90	800	800	700	700	500	400	200	200	0	0	0	0
	.50	500	500	400	400	300	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	900	800	700	700	600	500	300	200	0	0	0	0
	.50	500	500	400	400	300	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1100	1000	900	900	800	700	500	400	100	0	0	0
	.50	700	600	600	500	400	300	200	100	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
2000	.90	900	900	800	700	700	500	300	200	0	0	0	0
	.50	600	600	500	400	400	200	0	0	0	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
	.90	1300	1100	1000	900	900	700	600	500	100	0	0	0
	.50	900	800	800	700	700	500	400	200	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1300	1100	1000	900	900	700	600	500	100	0	0	0
	.50	900	700	700	600	500	400	300	200	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
2100	.90	1000	900	900	800	700	600	500	300	0	0	0	0
	.50	700	600	600	500	400	300	200	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1000	900	900	800	700	600	500	300	0	0	0	0
	.50	700	600	600	500	400	300	200	0	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	1300	1100	1000	900	900	800	700	600	200	0	0	0
	.50	900	700	700	600	500	400	300	200	0	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1000	1000	900	900	800	700	500	500	0	0	0	0
	.50	700	700	600	600	400	400	200	200	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	1100	1000	1000	900	800	700	500	500	100	0	0	0
	.50	700	700	600	600	500	400	300	200	0	0	0	0
	.10	400	400	300	300	100	0	0	0	0	0	0	0
	.90	1300	1100	1000	1000	900	800	700	700	300	0	0	0
	.50	900	700	700	700	500	500	400	400	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
2300	.90	1100	1000	1000	900	800	700	600	500	100	0	0	0
	.50	700	700	700	600	500	400	300	200	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	1300	1100	1000	1000	900	700	700	600	100	0	0	0
	.50	900	700	700	700	500	400	400	200	0	0	0	0
	.10	400	400	400	300	200	100	0	0	0	0	0	0
	.90	1400	1300	1100	1000	900	700	700	600	100	0	0	0
	.50	1000	900	700	700	700	500	500	400	0	0	0	0
	.10	700	400	400	400	300	200	100	100	0	0	0	0
2400	.90	1300	1100	1000	1000	900	800	700	600	100	0	0	0
	.50	900	700	700	700	500	400	400	300	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	1300	1100	1000	1000	900	800	700	700	200	0	0	0
	.50	900	700	700	700	500	500	400	300	0	0	0	0
	.10	600	400	400	400	200	100	100	0	0	0	0	0
	.90	1400	1300	1200	1100	1000	1000	900	800	500	100	0	0
	.50	1000	900	800	700	700	600	500	400	0	0	0	0
	.10	700	400	400	400	300	200	100	100	0	0	0	0
2500	.90	1300	1100	1000	1000	900	800	700	700	200	0	0	0
	.50	1000	700	700	700	500	500	400	300	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1300	1300	1100	1000	1000	800	800	700	200	0	0	0
	.50	1000	900	700	700	500	500	400	400	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1400	1400	1300	1200	1100	1000	800	700	200	0	0	0
	.50	1000	1000	900	800	700	500	400	400	0	0	0	0
	.10	700	400	400	400	300	100	100	0	0	0	0	0
	.90	1400	1400	1300	1200	1100	1000	900	900	500	200	0	0
	.50	1000	1000	900	800	700	700	500	500	200	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING 4UA -- STEELHEAD:  
 SPANNING MONTH -- MARCH INCUBATION MONTH -- MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2600	.90	1300	1300	1100	1000	1000	900	800	700	200	0	0	0
	.50	1000	1000	700	700	700	500	500	400	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	1300	1300	1100	1000	1000	900	800	700	300	0	0	0
	.50	1000	1000	700	700	700	500	500	400	0	0	0	0
	.10	700	700	400	400	300	200	100	100	0	0	0	0
	.90	1400	1400	1300	1300	1200	1000	1000	900	700	300	0	0
	.50	1000	1000	1000	800	700	700	600	500	200	0	0	0
	.10	700	700	400	400	400	200	200	200	0	0	0	0
2700	.90	1300	1300	1200	1100	1000	900	800	800	400	0	0	0
	.50	1000	1000	800	700	700	600	500	400	0	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1400	1300	1200	1100	1000	1000	900	800	500	0	0	0
	.50	1000	1000	900	700	700	600	500	500	100	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1500	1400	1400	1300	1200	1100	1000	1000	700	400	100	0
	.50	1200	1000	1000	900	800	700	700	600	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
2800	.90	1400	1300	1300	1200	1000	1000	900	800	500	0	0	0
	.50	1000	1000	900	700	700	600	500	500	100	0	0	0
	.10	700	700	400	400	400	200	100	100	0	0	0	0
	.90	1400	1400	1400	1300	1300	1000	900	800	500	0	0	0
	.50	1000	1000	900	800	700	700	600	500	200	0	0	0
	.10	700	700	400	400	400	200	200	100	0	0	0	0
2900	.90	1500	1400	1400	1400	1300	1200	1100	1000	900	500	100	0
	.50	1200	1000	1000	1000	800	700	700	600	400	0	0	0
	.10	900	700	700	400	400	300	200	200	0	0	0	0
	.90	1500	1400	1300	1300	1100	1000	1000	900	600	0	0	0
	.50	1200	1000	1000	800	700	700	600	500	200	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1500	1400	1300	1300	1100	1000	1000	900	600	100	0	0
	.50	1200	1000	1000	900	700	700	600	500	300	0	0	0
	.10	900	700	600	400	400	300	200	200	0	0	0	0
	.90	1900	1900	1700	1500	1400	1200	1100	1000	800	500	200	100
	.50	1600	1600	1000	1000	900	700	700	700	400	0	0	0
	.10	1100	1100	700	700	400	400	300	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1500	1400	1300	1300	1100	1000	1000	900	600	100	0	0
	.50	1200	1000	1000	900	800	700	700	600	300	0	0	0
	.10	900	700	700	400	400	400	200	200	0	0	0	0
	.90	1500	1400	1300	1300	1200	1000	1000	1000	700	200	0	0
	.50	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.10	900	700	700	400	400	400	200	200	0	0	0	0
	.90	2000	1900	1900	1900	1400	1300	1200	1100	900	600	400	100
	.50	1600	1600	1600	1000	1000	800	700	700	400	0	0	0
	.10	1200	1100	1100	700	400	400	400	300	100	0	0	0
3100	.90	1600	1400	1400	1300	1200	1000	1000	1000	700	200	0	0
	.50	1300	1000	1000	1000	800	700	700	700	400	0	0	0
	.10	1000	700	700	400	400	400	300	200	0	0	0	0
	.90	1600	1400	1400	1300	1200	1100	1000	1000	700	300	0	0
	.50	1300	1000	1000	1000	300	700	700	700	400	0	0	0
	.10	1000	700	700	400	400	400	300	200	0	0	0	0
	.90	2100	2100	1900	1900	1700	1400	1300	1200	900	700	500	200
	.50	1700	1600	1600	1600	1000	800	800	700	500	100	0	0
	.10	1200	1100	1100	1100	700	400	400	300	100	0	0	0
3200	.90	1900	1900	1400	1400	1300	1100	1000	1000	700	200	0	0
	.50	1500	1600	1000	1000	900	700	700	700	400	0	0	0
	.10	1200	1100	700	700	400	400	300	200	0	0	0	0
	.90	1900	1900	1400	1400	1300	1100	1000	1000	800	400	100	0
	.50	1600	1600	1000	1000	900	800	700	700	400	0	0	0
	.10	1200	1100	700	700	400	400	300	200	0	0	0	0
	.90	2300	2200	2100	2000	1900	1400	1300	1300	1000	700	500	200
	.50	1700	1700	1600	1600	1000	900	800	700	500	200	0	0
	.10	1200	1200	1100	1100	700	400	400	400	100	0	0	0
3300	.90	1900	1900	1900	1500	1300	1200	1100	1000	800	400	0	0
	.50	1600	1600	1600	1200	1000	800	700	700	400	0	0	0
	.10	1200	1100	1100	900	400	400	400	300	100	0	0	0
	.90	1900	1900	1900	1500	1300	1200	1100	1000	800	500	100	0
	.50	1600	1600	1600	1200	1000	800	700	700	400	0	0	0
	.10	1200	1100	1100	900	400	400	400	300	100	0	0	0
	.90	2300	2300	2100	2000	1900	1500	1400	1300	1000	700	500	400
	.50	1700	1700	1600	1600	1400	1000	900	800	500	200	0	0
	.10	1200	1200	1100	1100	1000	1000	400	400	100	0	0	0

Appendix J. Part 2. Tables of Gorge release (cfs) providing indicated percent of maximum effective spawning WUA for steelhead trout using the FRI effective spawning habitat program and reach extrapolation procedure II.





TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	900	900	700	700	500	400	400	300	100	0	0	0
	.50	800	800	500	600	400	300	300	200	0	0	0	0
	.10	600	600	400	400	200	100	0	0	0	0	0	0
	.90	900	900	700	700	500	400	400	300	100	0	0	0
	.50	800	800	500	600	400	300	300	200	0	0	0	0
	.10	600	600	400	400	200	100	0	0	0	0	0	0
	.90	1800	1100	1000	1000	1000	900	700	700	500	300	200	0
	.50	1200	1000	900	800	500	500	400	400	100	0	0	0
	.10	700	700	500	600	400	300	200	100	0	0	0	0
1900	.90	900	900	800	700	500	500	400	400	100	0	0	0
	.50	800	800	700	600	500	400	300	300	0	0	0	0
	.10	600	600	500	400	300	200	100	0	0	0	0	0
	.90	1000	900	900	700	700	500	400	400	200	0	0	0
	.50	900	800	800	600	500	400	300	300	0	0	0	0
	.10	500	500	500	400	300	200	100	0	0	0	0	0
	.90	1800	1100	1000	1000	1000	1000	900	700	600	400	200	100
	.50	1200	1000	900	900	800	600	500	400	200	0	0	0
	.10	800	700	700	700	500	400	300	200	0	0	0	0
2000	.90	1000	1000	900	900	700	500	500	400	100	0	0	0
	.50	900	900	800	800	500	400	400	300	0	0	0	0
	.10	700	700	500	600	400	200	100	0	0	0	0	0
	.90	1100	1000	900	900	700	600	500	400	200	0	0	0
	.50	1000	900	800	800	500	400	400	300	0	0	0	0
	.10	700	700	500	600	400	200	100	0	0	0	0	0
	.90	1800	1200	1100	1000	1000	1000	1000	900	600	500	200	200
	.50	1300	1100	1000	900	800	700	600	500	300	0	0	0
	.10	1000	800	700	700	500	400	300	300	0	0	0	0
2100	.90	1100	1000	1000	900	800	700	500	400	200	0	0	0
	.50	1000	900	900	800	700	600	400	300	0	0	0	0
	.10	700	700	700	600	500	300	200	100	0	0	0	0
	.90	1100	1100	1000	900	800	700	600	500	200	100	0	0
	.50	1000	1000	900	800	700	600	400	400	100	0	0	0
	.10	700	700	700	600	500	400	200	100	0	0	0	0
	.90	1800	1400	1200	1100	1000	1000	1000	900	600	500	300	200
	.50	1300	1300	1100	1000	900	800	600	600	400	0	0	0
	.10	1000	1000	800	700	700	500	400	300	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH -- MARCH INCUBATION MONTH -- APRIL

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1100	1100	1000	1000	900	700	600	500	200	0	0	0
	.50	1000	1000	900	900	300	600	500	400	100	0	0	0
	.10	700	700	700	700	600	400	300	200	0	0	0	0
	.90	1200	1100	1000	1000	900	700	700	600	300	100	0	0
	.50	1100	1000	900	900	300	600	600	400	100	0	0	0
	.10	800	700	700	700	500	400	300	200	0	0	0	0
	.90	1800	1400	1300	1200	1000	1000	1000	1000	700	500	400	200
	.50	1400	1300	1100	1000	900	800	700	600	400	100	0	0
	.10	1100	1000	800	700	700	600	500	400	0	0	0	0
2300	.90	1400	1200	1000	1000	900	800	700	600	200	100	0	0
	.50	1300	1100	900	900	300	700	500	500	100	0	0	0
	.10	1000	800	700	700	600	500	400	300	0	0	0	0
	.90	1400	1200	1100	1000	900	800	700	700	400	200	0	0
	.50	1300	1100	1000	900	800	700	600	600	100	0	0	0
	.10	1000	800	700	700	500	500	400	300	0	0	0	0
	.90	2400	1400	1400	1300	1100	1000	1000	1000	700	600	500	300
	.50	1800	1300	1300	1100	900	900	800	700	400	100	0	0
	.10	1100	1000	1000	800	700	600	600	500	100	0	0	0
2400	.90	1400	1400	1100	1000	1000	900	700	700	300	100	0	0
	.50	1300	1300	1000	900	900	800	600	600	200	0	0	0
	.10	1000	1000	700	700	700	600	400	400	0	0	0	0
	.90	1400	1400	1200	1100	1000	900	800	700	500	200	100	0
	.50	1300	1300	1100	1000	900	800	700	600	300	0	0	0
	.10	1000	1000	800	700	700	600	500	400	0	0	0	0
	.90	2400	1800	1400	1300	1300	1100	1000	1000	800	600	600	400
	.50	1800	1300	1300	1200	1100	900	800	800	500	300	0	0
	.10	1200	1000	1000	900	700	700	600	500	200	0	0	0
2500	.90	1400	1400	1200	1100	1000	900	900	700	400	100	0	0
	.50	1300	1300	1100	1000	900	800	800	600	300	0	0	0
	.10	1000	1000	800	700	700	600	500	400	0	0	0	0
	.90	1500	1400	1300	1200	1000	1000	900	800	600	300	100	0
	.50	1400	1300	1200	1100	900	800	800	600	300	0	0	0
	.10	1100	1000	900	800	700	600	500	400	0	0	0	0
	.90	2400	2400	1800	1400	1300	1200	1100	1000	900	700	600	400
	.50	1800	1800	1300	1300	1200	1000	900	800	600	400	100	0
	.10	1200	1000	1000	1000	800	700	700	600	300	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING #WA -- STEELHEAD: SPANNING MONTH -- MARCH INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
2500	.90	1500	1400	1300	1200	1000	1000	900	800	500	200	0	0
	.50	1400	1300	1200	1100	900	900	800	700	300	0	0	0
	.10	1100	1000	1000	800	700	600	600	500	0	0	0	0
	.90	1500	1400	1300	1200	1100	1000	1000	900	600	300	200	100
	.50	1400	1300	1200	1100	1000	900	800	800	400	0	0	0
	.10	1100	1000	1000	800	700	700	600	500	100	0	0	0
	.90	2400	2400	1800	1800	1400	1300	1200	1100	1000	700	600	500
	.50	1800	1800	1300	1300	1200	1100	1000	900	500	400	100	0
	.10	1300	1000	1000	1000	900	700	700	700	300	0	0	0
2700	.90	1500	1400	1400	1300	1100	1000	900	900	500	200	100	0
	.50	1400	1300	1300	1200	1000	900	800	800	400	0	0	0
	.10	1100	1000	1000	1000	700	700	600	500	200	0	0	0
	.90	1600	1400	1400	1300	1100	1000	1000	1000	700	400	200	100
	.50	1500	1300	1300	1200	1000	900	800	800	400	100	0	0
	.10	1200	1000	1000	1000	800	700	600	600	200	0	0	0
	.90	2400	2400	1800	1800	1700	1300	1300	1200	1000	700	700	600
	.50	1800	1800	1300	1300	1200	1200	1100	1000	700	400	300	100
	.10	1300	1000	1000	1000	900	800	700	700	400	0	0	0
2800	.90	1600	1400	1400	1300	1200	1000	1000	900	600	300	100	0
	.50	1500	1300	1300	1200	1100	900	900	800	500	0	0	0
	.10	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.90	1600	1400	1400	1300	1200	1000	1000	1000	700	500	300	200
	.50	1500	1300	1300	1200	1100	900	900	800	600	100	0	0
	.10	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.90	2400	2400	1800	1800	1900	1400	1300	1300	1000	900	700	600
	.50	2000	1800	1300	1300	1200	1200	1100	1100	800	500	300	100
	.10	1700	1000	1000	1000	1000	800	700	700	400	100	0	0
	.90	1600	1400	1400	1400	1200	1100	1000	1000	700	400	200	0
	.50	1500	1300	1300	1300	1100	1000	900	900	600	100	0	0
	.10	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.90	2400	2400	1800	1800	1900	1400	1300	1300	1000	900	700	600
	.50	2000	1800	1300	1300	1200	1200	1100	1100	800	500	300	100
	.10	1700	1000	1000	1000	1000	800	700	700	400	100	0	0
2900	.90	1600	1400	1400	1400	1200	1100	1000	1000	700	400	200	0
	.50	1500	1300	1300	1300	1100	1000	900	900	600	100	0	0
	.10	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.90	2400	2400	1800	1800	1900	1400	1300	1300	1000	900	700	600
	.50	2000	1800	1300	1300	1200	1200	1100	1100	800	500	300	100
	.10	1700	1000	1000	1000	1000	800	700	700	400	100	0	0
	.90	1600	1400	1400	1400	1200	1100	1000	1000	700	400	200	0
	.50	1500	1300	1300	1300	1100	1000	900	900	600	100	0	0
	.10	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.90	2400	2400	1800	1800	1900	1400	1300	1300	1000	900	700	600
	.50	2000	1800	1300	1300	1200	1200	1100	1100	800	500	300	100
	.10	1700	1000	1000	1000	1000	800	700	700	400	100	0	0
	.90	2400	2400	2200	1800	1800	1400	1300	1300	1000	900	700	700
	.50	2100	2000	1800	1300	1300	1200	1200	1100	800	600	400	200
	.10	1800	1700	1000	1000	1000	900	900	700	500	100	0	0

TABLE 4. GURGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1700	1400	1400	1400	1300	1200	1000	1000	700	500	200	100
	.50	1600	1300	1300	1300	1200	1100	900	900	600	200	0	0
	.10	1300	1000	1000	1000	1000	800	700	700	400	0	0	0
	.90	1800	1400	1400	1400	1300	1200	1100	1000	900	600	400	300
	.50	1600	1300	1300	1300	1200	1100	1000	900	600	300	0	0
	.10	1300	1000	1000	1000	1000	800	700	700	400	0	0	0
	.90	2400	2400	2400	2100	1800	1800	1400	1300	1100	1000	700	700
	.50	2100	2100	2000	1800	1300	1200	1200	1200	900	600	400	300
	.10	1800	1800	1700	1000	1000	900	800	800	500	200	0	0
3100	.90	2100	1400	1400	1400	1300	1200	1100	1000	800	600	300	200
	.50	2000	1300	1300	1300	1200	1100	1000	900	700	300	0	0
	.10	1700	1000	1000	1000	1000	800	700	700	400	0	0	0
	.90	2100	1400	1400	1400	1300	1200	1100	1100	900	700	500	400
	.50	2000	1300	1300	1300	1200	1100	1000	900	700	400	100	0
	.10	1700	1000	1000	1000	1000	800	700	700	500	0	0	0
	.90	2400	2400	2400	2200	1800	1800	1700	1400	1200	1000	800	700
	.50	2100	2100	2000	2000	1300	1200	1200	1200	900	700	400	300
	.10	1800	1800	1700	1700	1000	1000	900	800	500	300	0	0
3200	.90	2200	2100	1400	1400	1400	1300	1200	1100	900	600	300	200
	.50	2100	2000	1300	1300	1300	1200	1100	1000	700	400	0	0
	.10	1800	1700	1000	1000	1000	900	800	700	500	0	0	0
	.90	2400	2100	1500	1400	1400	1300	1200	1100	1000	700	600	500
	.50	2100	2000	1300	1300	1300	1200	1100	1000	800	400	200	0
	.10	1800	1700	1000	1000	1000	900	800	700	500	100	0	0
	.90	2400	2400	2400	2200	2100	1800	1800	1700	1200	1000	900	800
	.50	2100	2100	2100	2000	1300	1300	1200	1200	1000	700	500	400
	.10	1800	1800	1800	1700	1000	1000	900	800	600	300	100	0
3300	.90	2200	2200	2100	1700	1400	1300	1200	1200	900	600	400	200
	.50	2100	2100	2000	1600	1400	1200	1100	1000	800	400	100	0
	.10	1800	1800	1700	1400	1000	1000	800	800	500	100	0	0
	.90	2200	2200	2100	1700	1400	1300	1200	1200	1000	700	600	500
	.50	2100	2100	2000	1600	1300	1200	1100	1000	800	400	100	0
	.10	1800	1800	1700	1400	1000	1000	800	800	500	100	0	0
	.90	2500	2400	2400	2400	2100	1800	1800	1800	1300	1000	900	800
	.50	2100	2100	2100	2000	1300	1300	1200	1200	1100	800	600	400
	.10	1900	1800	1800	1700	1500	1000	1000	900	700	300	100	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH - MARCH INCUBATION MONTH - APRIL

SPawning MONTH - MARCH	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3400 .90	2200	2200	2100	2100	1400	1300	1300	1200	1000	700	500	300
.50	2100	2100	2000	2000	1300	1200	1200	1100	800	500	200	0
.10	1800	1800	1700	1700	1000	1000	900	800	600	100	0	0
.90	2200	2200	2100	2100	1400	1300	1300	1300	1000	800	600	600
.50	2100	2100	2000	2000	1300	1200	1200	1100	800	600	400	100
.10	1800	1800	1700	1700	1000	1000	900	800	600	200	0	0
.90	3400	2600	2400	2400	2100	1800	1800	1800	1300	1000	1000	900
.50	2800	2500	2100	2100	2000	1700	1300	1200	1100	800	600	400
.10	2200	2200	1800	1800	1700	1000	1000	1000	700	300	200	0
.90	2200	2200	2200	2100	1400	1400	1300	1200	1000	700	600	400
.50	2100	2100	2100	2000	1300	1300	1200	1100	800	500	300	0
.10	1800	1800	1800	1700	1000	1000	1000	800	600	200	0	0
.90	3400	2600	2500	2400	2200	2100	1900	1800	1300	1100	1000	900
.50	2800	2500	2100	2100	2000	1800	1600	1300	1200	900	700	500
.10	2200	2200	1800	1800	1700	1400	1000	1000	700	400	200	0
.90	2200	2200	2200	2100	1900	1400	1300	1300	1000	800	600	500
.50	2100	2100	2100	2000	1800	1300	1200	1200	900	600	300	100
.10	1800	1800	1800	1700	1500	1000	1000	900	700	300	0	0
.90	2400	2200	2200	2100	1900	1500	1400	1300	1100	900	700	600
.50	2100	2100	2100	2000	1800	1300	1200	1200	900	600	400	300
.10	1800	1800	1800	1700	1500	1000	1000	900	700	300	0	0
.90	3500	2800	2600	2500	2400	2100	2100	1800	1400	1200	1000	900
.50	2900	2500	2500	2100	2000	1900	1800	1600	1200	900	700	600
.10	2200	2200	2200	1800	1700	1500	1400	1000	800	500	300	100
.90	2600	2600	2200	2200	2100	1400	1400	1300	1000	900	700	600
.50	2500	2500	2100	2100	2000	1300	1300	1200	900	600	400	100
.10	2200	2200	1800	1800	1700	1000	1000	1000	700	300	0	0
.90	2600	2600	2200	2200	2100	1800	1400	1400	1200	1000	800	700
.50	2500	2500	2100	2100	2000	1300	1300	1200	1000	700	500	300
.10	2200	2200	1800	1800	1700	1000	1000	1000	700	300	100	0
.90	3500	3500	2600	2600	2500	2200	2100	1900	1700	1300	1000	1000
.50	2900	2900	2500	2200	2100	2000	1900	1700	1200	1000	800	600
.10	2200	2200	2200	1800	1300	1700	1400	1200	800	500	300	100

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- APRIL

SPAWNING INCUBATION		100.0	99.99	94.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
3500	.90	2600	2600	2200	2200	2100	1700	1400	1300	1100	900	700	600
	.50	2500	2500	2100	2100	2000	1600	1300	1200	1000	700	400	200
	.10	2200	2200	1800	1800	1700	1400	1000	1000	700	300	0	0
	.90	2600	2600	2400	2200	2100	1800	1300	1400	1200	1000	900	700
	.50	2500	2500	2100	2100	2000	1700	1300	1200	1100	800	500	400
	.10	2200	2200	1800	1800	1700	1400	1000	1000	700	400	100	0
	.90	3600	3600	2900	2600	2500	2400	2200	2100	1800	1300	1100	1000
	.50	3000	3000	2500	2500	2100	2000	1900	1800	1200	1100	800	700
	.10	2200	2200	2200	2200	1900	1700	1500	1400	900	600	300	200
3900	.90	2600	2600	2600	2200	2100	1900	1700	1400	1200	1000	700	600
	.50	2500	2500	2500	2100	2000	1800	1400	1300	1000	700	500	300
	.10	2200	2200	2200	1800	1700	1500	1200	1000	700	400	100	0
	.90	2600	2600	2600	2200	2100	2000	1800	1800	1300	1000	900	700
	.50	2500	2500	2500	2100	2000	1800	1500	1300	1100	800	600	400
	.10	2200	2200	2200	1800	1700	1500	1400	1000	800	400	200	0
	.90	3700	3700	2300	2800	2500	2500	2300	2100	1800	1300	1200	1000
	.50	3100	3100	2500	2500	2200	2000	2000	1900	1200	1100	900	700
	.10	2200	2200	2200	2200	1800	1700	1500	1400	900	600	400	200
4000	.90	2600	2600	2600	2200	2200	2100	1800	1700	1200	1000	800	600
	.50	2500	2500	2500	2100	2000	1900	1500	1300	1100	800	500	400
	.10	2200	2200	2200	1800	1700	1700	1400	1000	800	500	100	0
	.90	2600	2600	2600	2400	2200	2100	1800	1800	1300	1100	1000	800
	.50	2500	2500	2500	2100	2100	2000	1700	1600	1200	900	600	400
	.10	2200	2200	2200	1800	1700	1700	1400	1200	800	500	200	0
	.90	3700	3700	2800	2800	2600	2500	2400	2200	1800	1400	1300	1100
	.50	3100	3100	2500	2500	2200	2100	2000	1900	1400	1200	1000	800
	.10	2200	2200	2200	2200	1900	1700	1700	1400	1000	700	400	200
4100	.90	2600	2600	2600	2600	2200	2100	1800	1800	1300	1000	900	700
	.50	2500	2500	2500	2500	2100	2000	1700	1600	1100	800	600	400
	.10	2200	2200	2200	2200	1800	1700	1400	1400	800	500	200	0
	.90	2600	2600	2600	2600	2200	2100	1800	1800	1300	1000	900	700
	.50	2500	2500	2500	2500	2100	2000	1700	1600	1100	800	600	400
	.10	2200	2200	2200	2200	1800	1700	1400	1400	800	500	200	0
	.90	2600	2600	2600	2600	2200	2100	1900	1800	1300	1000	900	900
	.50	2500	2500	2500	2500	2100	2000	1800	1700	1200	900	700	500
	.10	2200	2200	2200	2200	1800	1700	1400	1400	800	500	300	0
	.90	3800	3800	2300	2800	2500	2500	2500	2400	1800	1700	1300	1200
	.50	3200	3200	2500	2500	2300	2100	2000	2000	1500	1200	1100	900
	.10	2700	2200	2200	2200	2100	1800	1700	1500	1000	700	500	300

TABLE 4. GURGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING HUA -- STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
4200	.90	2600	2400	2600	2600	2200	2100	1900	1800	1300	1000	900	700
	.50	2500	2500	2500	2500	2100	2000	1800	1700	1200	900	600	400
	.10	2200	2200	2200	2200	1300	1700	1500	1400	800	500	300	0
	.90	2600	2600	2600	2600	2300	2100	2100	1800	1400	1200	1000	900
	.50	2500	2500	2500	2500	2100	2000	1800	1700	1200	1000	700	500
	.10	2200	2200	2200	2200	1300	1700	1500	1400	900	500	300	100
	.90	3800	3800	2900	2800	2600	2600	2500	2400	1800	1700	1300	1200
	.50	3200	3200	2900	2500	2500	2200	2100	2000	1700	1200	1100	900
	.10	2700	2200	2200	2200	2100	1800	1700	1700	1000	800	500	300
4300	.90	3100	2600	2600	2600	2300	2100	2100	1800	1300	1100	1000	800
	.50	3000	2500	2500	2500	2200	2000	2000	1700	1200	900	700	500
	.10	2700	2200	2200	2200	1900	1700	1700	1400	900	500	300	0
	.90	3100	2600	2500	2600	2400	2200	2100	1900	1700	1200	1000	1000
	.50	3000	2500	2500	2500	2200	2000	2000	1800	1200	1000	800	600
	.10	2700	2200	2200	2200	1900	1700	1700	1400	1000	600	300	100
4400	.90	3800	3800	3900	2800	2300	2600	2500	2500	2100	1800	1300	1300
	.50	3200	3200	3200	2500	2500	2200	2100	2000	1800	1200	1100	1000
	.10	2900	2200	2200	2200	2200	1900	1800	1700	1200	800	500	300
	.90	3100	2600	2600	2600	2400	2200	2100	1900	1400	1200	1000	900
	.50	3000	2500	2500	2500	2300	2100	2000	1800	1200	1000	700	500
	.10	2700	2200	2200	2200	2100	1800	1700	1500	1000	600	300	100
	.90	3100	2600	2600	2600	2400	2200	2100	2100	1800	1300	1100	1000
	.50	3000	2500	2500	2500	2300	2100	2000	1800	1200	1100	800	700
	.10	2700	2200	2200	2200	2100	1800	1700	1500	1000	700	300	200
	.90	3900	3900	3900	2900	2800	2600	2600	2500	2100	1800	1400	1300
	.50	3300	3300	3300	2500	2500	2300	2200	2100	1800	1200	1200	1000
	.10	2900	2700	2200	2200	2200	1900	1800	1700	1400	900	600	400
4500	.90	3100	2600	2600	2600	2400	2200	2100	2100	1700	1200	1000	900
	.50	3000	2500	2500	2500	2300	2100	2000	2000	1200	1000	800	600
	.10	2700	2200	2200	2200	2100	1800	1700	1600	1000	700	300	100
	.90	3100	2600	2600	2600	2500	2300	2200	2100	1800	1300	1200	1000
	.50	3000	2500	2500	2500	2300	2100	2000	2000	1400	1100	900	700
	.10	2700	2200	2200	2200	2100	1800	1700	1700	1000	700	400	200
	.90	3900	3900	3900	3500	2300	2600	2600	2600	2200	1800	1700	1300
	.50	3300	3300	3300	2900	2500	2500	2200	2200	1900	1500	1200	1100
	.10	2900	2700	2200	2200	2200	2100	2000	2000	1400	1200	700	500

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATE) & OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
4500 .90	3300	2600	2600	2600	2600	2300	2200	2100	1700	1300	1100	1000
	.50	3200	2500	2500	2500	2100	2000	2000	1300	1100	800	600
	.10	2900	2200	2200	2200	1800	1700	1700	1000	700	400	200
	.90	3400	3100	2600	2500	2400	2200	2100	1800	1300	1200	1000
	.50	3200	2800	2500	2500	2100	2000	2000	1600	1200	1000	700
	.10	2900	2200	2200	2200	1800	1700	1700	1200	700	500	300
	.90	4000	4000	4000	3500	2800	2600	2600	2400	1800	1700	1300
	.50	3400	3400	3400	3000	2500	2300	2200	1900	1600	1200	1100
	.10	2900	2700	2300	2300	2100	1900	1800	1400	1000	800	500
4700 .90	3300	3100	2500	2500	2500	2400	2200	2100	1800	1300	1100	1000
	.50	3200	3000	2500	2500	2200	2100	2000	1600	1100	900	700
	.10	2900	2700	2200	2200	1900	1800	1700	1400	700	400	200
	.90	3400	3100	2600	2600	2400	2400	2200	1800	1400	1300	1100
	.50	3200	3000	2500	2500	2200	2100	2000	1700	1200	1000	800
	.10	2900	2700	2200	2200	1900	1800	1700	1400	800	500	300
	.90	4000	4000	4000	3500	2800	2800	2600	2400	1800	1800	1400
	.50	3400	3400	3400	3000	2500	2500	2300	2000	1700	1200	1200
	.10	2900	2700	2300	2300	2100	1900	1800	1400	1000	800	500
4800 .90	3300	3100	2600	2600	2600	2400	2200	2100	1800	1300	1200	1000
	.50	3200	3000	2500	2500	2300	2100	2000	1600	1100	900	700
	.10	2900	2700	2200	2200	2100	1800	1700	1400	900	500	200
	.90	3500	3300	2600	2600	2500	2400	2300	1800	1700	1300	1200
	.50	3200	3000	2500	2500	2300	2100	2000	1700	1200	1100	900
	.10	2900	2700	2200	2200	2100	1800	1700	1400	800	500	300
	.90	4100	4100	4100	4100	3500	2800	2600	2500	2000	1800	1700
	.50	3500	3500	3500	3500	2900	2500	2300	2000	1700	1300	1200
	.10	2900	2700	2400	2400	2200	2100	1800	1400	1000	900	700
4900 .90	3300	3100	2600	2600	2600	2400	2300	2200	1800	1300	1200	1000
	.50	3200	3000	2500	2500	2300	2100	2000	1700	1200	1000	700
	.10	2900	2700	2200	2200	2100	1800	1700	1400	800	500	300
	.90	3500	3500	2800	2800	2500	2400	2300	1800	1700	1300	1200
	.50	3200	3000	2500	2500	2300	2100	2000	1700	1200	1000	700
	.10	2900	2700	2200	2200	2100	1800	1700	1400	800	500	300
	.90	3500	3500	2800	2800	2500	2400	2300	1800	1700	1300	1200
	.50	3200	3000	2500	2500	2300	2200	2100	1700	1200	1100	900
	.10	2900	2700	2200	2200	2100	1800	1700	1400	900	500	300
	.90	4100	4100	4100	3500	2800	2800	2600	2500	2100	1800	1700
	.50	3600	3500	3500	3500	2900	2500	2300	2000	1800	1500	1200
	.10	3300	2700	2500	2400	2200	2100	1900	1500	1100	900	700

TABLE 4. GORSE RELEASE (GFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPANNING INCUBATION Q EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5000 .90	3300	3100	2600	2400	2500	2400	2400	2200	1800	1400	1300	1100
.50	3200	3000	2500	2500	2500	2300	2200	2100	1700	1200	1000	800
.10	2900	2700	2200	2200	2200	2100	1900	1800	1400	800	500	300
.90	3600	3600	2900	2800	2600	2500	2500	2400	1900	1800	1300	1200
.50	3200	3000	2800	2500	2500	2300	2200	2100	1700	1200	1100	1000
.10	2900	2700	2200	2200	2200	2100	1900	1800	1400	900	600	400
.90	4200	4200	4200	4200	3500	3500	2900	2800	2600	2200	1800	1800
.50	3600	3600	3600	3600	2900	2900	2600	2500	2100	1900	1600	1200
.10	3300	3100	2700	2500	2200	2200	2100	1900	1700	1100	900	800
.90	3300	3100	2600	2600	2500	2500	2400	2300	1800	1700	1300	1200
.50	3200	3000	2500	2500	2500	2300	2200	2100	1700	1200	1100	900
.10	2900	2700	2200	2200	2200	2100	1900	1800	1400	900	500	300
.90	3700	3700	3100	2900	2600	2600	2500	2400	2100	1800	1400	1300
.50	3200	3100	3000	2500	2500	2300	2200	2100	1800	1300	1200	1000
.10	2900	2700	2200	2200	2200	2100	1900	1800	1400	900	700	400
.90	4200	4200	4200	4200	3500	3500	2900	2800	2600	2400	1900	1800
.50	3800	3600	3600	3600	2900	2900	2500	2500	2200	1900	1700	1200
.10	3500	3100	2700	2600	2500	2200	2100	2100	1700	1200	900	800
.90	3500	3100	3100	2600	2500	2500	2400	2400	1900	1700	1300	1200
.50	3400	3000	2800	2500	2500	2300	2300	2100	1700	1200	1100	900
.10	3100	2800	2500	2200	2200	2100	2100	1800	1400	900	600	300
.90	3700	3700	3100	2800	2600	2600	2500	2500	2100	1800	1500	1300
.50	3600	3100	3000	2500	2500	2500	2300	2200	1800	1400	1200	1100
.10	3300	2800	2500	2200	2200	2100	2100	1900	1400	1000	700	500
.90	4300	4300	4300	4300	3500	3500	3100	3100	2600	2500	2100	1800
.50	3900	3700	3700	3700	3000	2900	2900	2900	2200	2000	1800	1500
.10	3600	3100	2800	2700	2600	2200	2200	2100	1800	1200	900	900
.90	3700	3500	3100	2600	2500	2600	2400	2400	1900	1800	1300	1200
.50	3600	3400	3000	2500	2500	2500	2300	2200	1800	1200	1100	1000
.10	3300	3100	2700	2200	2200	2200	2100	1900	1400	900	700	400
.90	3800	3800	3300	3100	2800	2600	2600	2500	2100	1800	1700	1300
.50	3600	3400	3200	3000	2500	2500	2300	2200	1900	1600	1200	1100
.10	3300	3100	2700	2200	2200	2200	2100	1900	1400	1000	800	500
.90	4300	4300	4300	4300	4100	3500	3500	3500	2600	2500	2200	1800
.50	3900	3700	3700	3700	3500	2900	2900	2900	2300	2000	1900	1600
.10	3600	3100	2900	2700	2600	2600	2200	2200	1800	1400	1000	900

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING Q EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5400	.90	3700	3500	3100	3100	2500	2600	2500	2400	2100	1800	1400	1300
	.50	3600	3400	3000	2900	2500	2500	2300	2200	1800	1300	1200	1000
	.10	3300	3100	2800	2500	2200	2200	2100	1900	1400	1000	700	400
	.90	3900	3800	3500	3100	2300	2600	2600	2500	2200	1800	1700	1300
	.50	3800	3400	3200	3000	2500	2500	2300	2300	1900	1600	1200	1100
	.10	3500	3100	2800	2700	2200	2200	2100	2100	1400	1000	800	500
	.90	4400	4400	4400	4400	4300	3500	3500	3500	2800	2600	2400	2000
	.50	4000	3800	3800	3800	3700	3400	2900	2900	2400	2000	1900	1700
	.10	3700	3300	3100	2800	2700	2600	2600	2200	1800	1400	1000	900
5500	.90	3900	3500	3100	3100	2700	2600	2500	2500	2100	1800	1400	1300
	.50	3800	3400	3000	3000	2500	2500	2300	2300	1900	1400	1200	1100
	.10	3500	3100	2800	2700	2200	2200	2100	2100	1400	1000	700	500
	.90	4000	3800	3800	3100	3000	2800	2600	2600	2400	1800	1800	1400
	.50	3900	3400	3200	3000	2700	2500	2500	2300	2000	1700	1200	1100
	.10	3600	3100	2800	2700	2500	2200	2100	2100	1500	1000	800	500
	.90	4400	4400	4400	4400	4300	4100	3500	3500	2800	2600	2500	2100
	.50	4000	4000	3800	3800	3700	3500	3400	2900	2500	2000	1900	1800
	.10	3700	3700	3100	2800	2700	2600	2600	2600	1900	1400	1100	900
5600	.90	4000	3600	3500	3100	3000	2600	2600	2500	2200	1800	1600	1300
	.50	3900	3400	3100	3000	2700	2500	2500	2300	2000	1600	1200	1100
	.10	3600	3100	2900	2800	2500	2200	2200	2100	1500	1000	800	500
	.90	4000	3900	3900	3500	3000	2900	2800	2600	2400	1900	1800	1500
	.50	3900	3400	3300	3300	2900	2500	2500	2400	2000	1700	1200	1200
	.10	3600	3100	2900	2800	2500	2200	2200	2100	1700	1100	900	600
	.90	4400	4400	4400	4400	4300	4300	4100	4100	3000	2600	2500	2200
	.50	4000	4000	3300	3800	3800	3700	3500	3500	2900	2200	2000	1900
	.10	3700	3700	3100	2900	2700	2700	2600	2600	2100	1700	1200	900
5700	.90	4000	3700	3500	3100	3000	2800	2600	2600	2200	1800	1700	1300
	.50	3900	3400	3400	3000	2900	2500	2500	2400	2000	1600	1200	1100
	.10	3600	3100	3100	2800	2500	2200	2200	2100	1700	1100	800	500
	.90	4400	4400	4400	4400	4300	4300	4100	4100	3000	2600	2500	2200
	.50	4000	3700	3700	3800	3800	3700	3500	3500	2900	2200	2000	1900
	.10	3700	3700	3100	2900	2700	2700	2600	2600	2100	1700	1200	900
	.90	4000	3600	3500	3100	3000	2800	2600	2600	2200	1800	1700	1300
	.50	3900	3400	3400	3000	2900	2500	2500	2400	2000	1600	1200	1100
	.10	3600	3100	3100	2800	2500	2200	2200	2100	1700	1100	800	500
	.90	4400	4500	4500	4500	4500	4300	4300	4100	3300	2600	2500	2400
	.50	4200	4000	3900	3900	3700	3700	3700	3500	2900	2200	2000	1900
	.10	3900	3700	3100	3100	2900	2700	2600	2600	2200	1800	1300	1000

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
5100	.90	4100	3700	3500	3300	3100	3000	2700	2600	2400	1800	1700	1400
	.50	4000	3600	3400	3100	3000	2900	2500	2500	2000	1700	1200	1100
	.10	3700	3300	3100	2800	2600	2600	2200	2200	1700	1100	800	500
	.90	4100	4100	4000	3500	3500	3000	3000	2800	2500	2100	1800	1700
	.50	4000	4000	3400	3400	3000	2900	2900	2500	2200	1900	1600	1200
	.10	3700	3700	3100	2900	2500	2500	2300	2200	1800	1200	900	800
	.90	4500	4500	4500	4500	4500	4300	4300	4200	3500	2800	2500	2400
	.50	4300	4000	3900	3900	3700	3700	3700	3600	2900	2300	2000	1900
	.10	4000	3700	3100	3100	2800	2800	2600	2600	2400	1800	1400	1100
5100	.90	4100	4100	3800	3500	3100	3000	2900	2700	2400	1900	1800	1400
	.50	4000	4000	3400	3200	3000	2900	2800	2500	2100	1700	1200	1200
	.10	3700	3700	3100	2900	2700	2600	2200	2200	1700	1200	900	600
	.90	4100	4100	4000	4000	3500	3100	3000	3000	2600	2300	1800	1800
	.50	4000	4000	3400	3400	3000	2900	2900	2900	2200	1900	1600	1200
	.10	3700	3700	3100	3000	2700	2500	2500	2200	1800	1400	900	800
	.90	4600	4600	4600	4600	4600	4300	4300	4200	3500	2800	2500	2400
	.50	4300	4000	4000	4000	4000	3700	3700	3600	2900	2400	2100	1900
	.10	4000	3700	3600	3100	2900	2900	2500	2600	2400	1800	1400	1100
6000	.90	4300	4100	3800	3500	3100	3000	3000	2800	2500	2100	1800	1500
	.50	4200	4000	3400	3200	3000	2900	2900	2500	2200	1800	1300	1200
	.10	3900	3700	3100	3000	2700	2600	2600	2200	1800	1200	900	700
	.90	4300	4100	4100	4100	3500	3500	3100	3000	2600	2400	2000	1800
	.50	4200	4000	3500	3600	3100	2900	2900	2900	2300	1900	1700	1300
	.10	3900	3700	3100	3100	2700	2600	2600	2500	1900	1400	1000	900
	.90	4600	4600	4600	4600	4500	4300	4200	4200	3500	2800	2500	2500
	.50	4300	4000	4000	4000	4000	3700	3600	3600	2900	2500	2200	1900
	.10	4000	3700	3700	3100	2900	2900	2700	2600	2500	1800	1500	1100
6100	.90	4400	4100	3800	3500	3100	3000	3000	2600	2500	2100	1800	1700
	.50	4300	4000	3400	3400	3000	2900	2900	2600	2300	1900	1400	1200
	.10	4000	3700	3100	3100	2800	2600	2600	2200	1900	1400	1000	800
	.90	4400	4100	4100	4100	3500	3500	3100	3000	2600	2500	2100	1800
	.50	4300	4000	3500	3500	3200	2900	2900	2900	2400	2000	1800	1500
	.10	4000	3700	3100	3100	2800	2600	2600	2600	2000	1400	1000	900
	.90	4800	4700	4700	4700	4700	4300	4200	4200	3500	3000	2600	2500
	.50	4700	4100	4100	4100	4100	3700	3600	3600	2900	2900	2200	1900
	.10	4400	3700	3700	3100	3000	3000	2800	2600	2600	1900	1700	1200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING WUA EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6200 .90	4400	4100	3900	3900	3200	3000	3000	3000	2500	2200	1800	1700
.50	4300	4000	3400	3400	3100	2900	2900	2900	2300	1900	1600	1200
.10	4000	3700	3100	3100	2800	2600	2600	2600	2000	1400	900	800
.90	4400	4200	4200	4200	3500	3500	3100	3100	2800	2500	2200	1800
.50	4300	4000	3900	3500	3400	3000	2900	2900	2500	2000	1900	1600
.10	4000	3700	3600	3100	2800	2600	2600	2600	2100	1400	1000	900
.90	4800	4700	4700	4700	4700	4200	4200	4200	3500	3000	2700	2500
.50	4700	4400	4100	4100	4100	3700	3500	3600	3000	2900	2300	2000
.10	4400	4100	3700	3100	3000	3000	2800	2600	2600	2100	1800	1300
.90	4400	4100	4100	3900	3500	3100	3000	3000	2600	2300	1800	1800
.50	4300	4000	4000	3400	3200	3000	2900	2900	2300	1900	1600	1200
.10	4000	3700	3700	3100	2800	2600	2600	2600	2100	1400	1000	800
.90	4400	4200	4200	4200	3500	3500	3200	3200	2800	2500	2400	2000
.50	4300	4000	4000	3600	3400	3000	2900	2900	2500	2000	1900	1700
.10	4000	3700	3700	3100	2800	2600	2600	2600	2100	1500	1100	900
.90	4800	4800	4800	4800	4800	4200	4200	4200	3600	3100	2800	2500
.50	4700	4500	4200	4200	4200	4000	3600	3600	3400	2900	2400	2100
.10	4400	4200	3700	3700	3100	3100	2900	2700	2600	2200	1800	1400
.90	4800	4100	4100	4000	3500	3200	3100	3000	2600	2400	2000	1800
.50	4700	4000	4000	3400	3400	3000	2900	2900	2400	2000	1700	1200
.10	4400	3700	3700	3100	2900	2700	2600	2600	2100	1400	1000	900
.90	4800	4300	4300	4300	4100	3500	3500	3500	3000	2600	2400	2100
.50	4700	4000	4000	3700	3500	3000	2900	2900	2900	2200	1900	1800
.10	4400	3700	3700	3100	2900	2700	2600	2600	2200	1700	1100	900
.90	5100	5100	5100	5100	4300	4800	4200	4200	4100	3500	2900	2600
.50	4800	4500	4500	4500	4200	4200	4000	3600	3500	2900	2500	2200
.10	4500	4200	3700	3700	3400	3100	2900	2900	2600	2400	1800	1700
.90	4800	4500	4100	4000	3500	3500	3100	3000	2800	2500	2100	1800
.50	4700	4400	4000	3400	3400	3000	2900	2900	2500	2000	1800	1400
.10	4400	4100	3700	3100	2900	2700	2600	2600	2100	1400	1000	900
.90	4800	4500	4300	4300	4100	3500	3500	3500	3000	2600	2500	2200
.50	4700	4400	4000	3700	3700	3200	3000	2900	2900	2200	2000	1900
.10	4400	4100	3700	3100	2900	2700	2600	2600	2100	1400	1000	900
.90	4800	4500	4300	4300	4100	3500	3500	3500	3000	2600	2500	2200
.50	4700	4400	4000	3700	3700	3200	3000	2900	2900	2200	2000	1900
.10	4400	4100	3700	3100	2900	2700	2600	2600	2200	1800	1200	1000
.90	5100	5100	5100	5100	5100	5100	4900	4900	4100	3500	3000	2700
.50	4800	4700	4500	4500	4500	4500	4300	4300	3600	2900	2900	2300
.10	4500	4400	4200	3700	3400	3400	3400	3200	2600	2400	1900	1800

TABLE 4. SURGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00		
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.		
6500	.90	4800	4600	4100	4100	3500	3500	3200	3100	2300	2500	2200	1800		
	.50	4700	4500	4000	4000	3000	3000	2900	2900	2500	2000	1900	1600		
	.10	4400	4200	3700	3700	2800	2800	2600	2600	2200	1700	1100	900		
	.50	.90	4800	4600	4400	4400	4100	4100	3500	3500	3000	2600	2500	2400	
		.50	4700	4500	4000	4000	3500	3500	3200	3000	2900	2300	2000	1900	
	.10	.90	4400	4200	3700	3700	2800	2800	2700	2600	2400	1800	1300	1000	
		.50	5100	5100	5100	5100	5100	5100	5100	5100	4200	3500	3100	2800	
	5700	.90	4900	4700	4500	4500	4500	4500	4500	4500	3600	3000	2900	2500	
		.10	4600	4400	4200	4200	3400	3400	3400	3400	2600	2600	2200	1800	
		.90	.90	4900	4600	4100	4100	3700	3500	3500	3100	3000	2500	2400	1900
.50			4800	4500	4000	4000	3500	3100	3000	2900	2900	2100	1900	1700	
.10		.90	4500	4200	3700	3700	2800	2800	2600	2600	2200	1700	1100	900	
		.50	4900	4600	4400	4400	4300	4300	4100	3500	3000	2700	2600	2500	
5300		.90	4800	4500	4000	4000	3700	3700	3500	3400	2900	2400	2000	1900	
		.10	4500	4200	3700	3700	3100	2800	2700	2600	2600	1800	1400	1100	
		.90	.90	5100	5100	5100	5100	5100	5100	5100	5100	4200	4100	3500	3000
			.50	4900	4900	4500	4500	4500	4500	4500	4500	3600	3500	2900	2900
	.10	.90	4600	4600	4200	4200	3400	3400	3400	3400	2900	2600	2400	1800	
		.50	4900	4800	4200	4200	4100	3500	3500	3200	3000	2600	2400	2100	
	5000	.90	4800	4700	4500	4000	3500	3100	3000	2900	2900	2200	1900	1800	
		.10	4500	4400	4200	3700	3100	2800	2700	2600	2500	1800	1200	900	
		.90	.90	4900	4800	4600	4400	4400	4300	4200	4100	3300	2800	2600	2500
			.50	4800	4700	4500	4000	3700	3700	3700	3500	2900	2500	2200	2000
.10		.90	4500	4400	4200	3700	3100	2800	2700	2700	2600	1900	1500	1100	
		.50	5100	5100	5100	5100	5100	5100	5100	5100	4600	4100	3500	3000	
5000		.90	4900	4900	4500	4500	4500	4500	4500	4500	4400	3500	2900	2900	
		.10	4600	4600	4200	4200	3700	3400	3400	3400	3300	2600	2500	2100	
		.90	.90	5000	4500	4600	4200	4100	3500	3500	3500	3000	2600	2500	2100
			.50	4900	4700	4500	4000	3600	3200	3000	3000	2900	2300	2000	1800
	.10	.90	4600	4400	4200	3700	3100	2800	2700	2600	2500	1800	1200	1000	
		.50	5000	4800	4600	4500	4500	4300	4300	4200	3500	3000	2600	2500	
	5000	.90	4900	4700	4500	4000	3900	3700	3700	3700	2900	2900	2200	2000	
		.10	4600	4400	4200	3700	3100	2900	2800	2800	2600	2100	1800	1200	
		.90	.90	5500	5500	5100	5100	5100	5100	5100	5100	5000	4200	3500	3300
			.50	5000	5000	4900	4500	4500	4500	4500	4500	4500	3600	3400	2900
.10		.90	4700	4700	4200	4200	3700	3400	3400	3400	3400	2600	2600	2400	
		.50	4700	4700	4200	4200	3700	3400	3400	3400	3400	2600	2600	2400	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - APRIL

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
7000	.90	5000	5000	4600	4600	4300	3500	3500	3500	3000	2600	2500	2300
	.50	4900	4900	4500	4500	3700	3400	3000	3000	2900	2300	2000	1900
	.10	4600	4600	4200	4200	3100	2900	2800	2600	2600	1800	1300	1000
	.50	5000	5000	4500	4600	4500	4300	4300	4200	3500	3000	2700	2500
	.10	4900	4900	4500	4500	3900	3900	3700	3700	3000	2900	2300	2000
	.50	4600	4600	4200	4200	3100	2900	2800	2800	2600	2200	1800	1300
	.10	5800	5500	5500	5500	5500	5100	5100	5100	5100	4200	4100	3500
	.50	5700	5000	4900	4900	4900	4500	4500	4500	4500	3600	3500	2900
	.10	5400	4700	4200	4200	3300	3800	3400	3400	3400	2600	2600	2500





TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD:  
 SPawning MONTH -- MARCH INCUBATION MONTH -- MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
J	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
2200	.90	800	800	800	800	700	500	400	300	0	0	0	0
	.50	500	500	500	500	400	200	0	0	0	0	0	0
	.10	200	200	200	200	100	0	0	0	0	0	0	0
	.90	900	800	800	800	700	500	400	300	0	0	0	0
	.50	500	500	500	500	400	200	100	0	0	0	0	0
	.10	200	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1100	900	800	300	700	600	500	100	0	0	0
	.50	800	800	500	500	500	400	200	200	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
2300	.90	1100	900	800	800	700	600	500	400	0	0	0	0
	.50	800	500	500	500	400	200	200	0	0	0	0	0
	.10	400	200	200	200	100	0	0	0	0	0	0	0
	.90	1100	900	800	800	700	600	500	400	0	0	0	0
	.50	800	500	500	500	400	300	200	200	0	0	0	0
	.10	400	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1100	1100	900	300	700	700	600	200	0	0	0
	.50	800	800	800	500	300	400	300	200	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
2400	.90	1100	1100	800	800	300	700	500	500	0	0	0	0
	.50	800	800	500	500	400	300	200	100	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1100	1100	900	500	400	300	200	100	0	0	0	0
	.50	800	800	500	200	100	0	0	0	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1100	1100	900	800	300	700	600	500	100	0	0	0
	.50	800	800	500	500	500	400	200	200	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1300	1100	1100	1100	300	800	700	600	300	0	0	0
	.50	900	800	800	600	500	500	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1100	1100	900	800	300	700	600	500	100	0	0	0
	.50	800	800	600	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1200	1100	1000	900	300	700	500	500	100	0	0	0
	.50	800	800	600	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	300	300	200	100	0	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
2500	.90	1200	1100	1100	900	300	700	700	600	200	0	0	0
	.50	800	800	800	500	500	400	400	200	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1200	1100	1100	900	800	800	700	600	200	0	0	0
	.50	800	800	800	600	500	400	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1400	1100	1100	1100	1000	800	800	800	500	100	0	0
	.50	1000	800	800	800	500	500	500	400	0	0	0	0
	.10	500	500	500	300	200	200	100	100	0	0	0	0
2700	.90	1200	1100	1100	1100	300	800	700	600	300	0	0	0
	.50	800	800	800	800	500	500	400	300	0	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	1300	1100	1100	1100	900	900	700	700	300	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	1400	1100	1100	1100	1100	900	800	800	500	200	0	0
	.50	1000	800	800	800	500	500	500	500	100	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
2300	.90	1300	1100	1100	1100	700	800	800	700	400	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	500	300	200	200	100	0	0	0	0	0
	.90	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	500	300	200	200	100	0	0	0	0	0
	.90	1500	1100	1100	1100	900	800	800	700	400	0	0	0
	.50	1000	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	500	300	200	200	100	0	0	0	0	0
2900	.90	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.50	1000	800	800	800	600	500	500	400	0	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
	.90	1400	1100	1100	1100	1000	800	800	800	400	0	0	0
	.50	1000	800	800	800	500	500	500	400	100	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
	.90	1900	1800	1100	1100	1100	1000	900	800	600	300	0	0
	.50	1600	1500	800	800	300	600	500	500	200	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1400	1100	1100	1100	1100	900	800	800	500	0	0	0
	.50	1000	800	800	800	800	500	500	500	100	0	0	0
	.10	700	500	500	300	300	200	200	100	0	0	0	0
	.90	1400	1100	1100	1100	1100	900	300	800	500	100	0	0
	.50	1000	800	800	800	800	500	500	500	200	0	0	0
	.10	700	500	500	300	300	200	200	100	0	0	0	0
	.90	1900	1900	1800	1100	1100	1100	900	900	700	400	100	0
	.50	1500	1600	1500	800	800	600	500	500	300	0	0	0
	.10	1100	1100	1000	500	300	200	200	200	0	0	0	0
3100	.90	1800	1100	1100	1100	1100	900	800	800	500	100	0	0
	.50	1500	800	800	800	300	500	500	500	200	0	0	0
	.10	1000	500	500	300	300	200	200	100	0	0	0	0
	.90	1800	1100	1100	1100	1100	900	800	800	600	100	0	0
	.50	1500	800	300	800	300	600	500	500	200	0	0	0
	.10	1000	500	500	300	300	200	200	100	0	0	0	0
	.90	1900	1900	1800	1800	1100	1100	1000	900	700	400	200	0
	.50	1500	1600	1500	1500	800	800	600	500	400	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
3200	.90	1900	1800	1100	1100	1100	1000	900	800	600	100	0	0
	.50	1600	1500	800	800	900	600	500	500	200	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	1900	1800	1100	1100	1100	1000	900	800	600	200	0	0
	.50	1600	1500	800	800	300	600	500	500	200	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	1900	1900	1900	1800	1100	1100	1100	900	800	500	200	0
	.50	1600	1600	1600	1500	800	800	600	500	200	0	0	0
	.10	1100	1000	1000	1000	500	300	200	200	0	0	0	0
3300	.90	1900	1900	1800	1500	1100	1100	900	900	600	200	0	0
	.50	1600	1600	1500	1200	800	800	600	500	300	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	1900	1900	1900	1500	1100	1100	900	900	700	300	0	0
	.50	1600	1600	1500	1200	800	800	600	500	300	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	1900	1900	1900	1800	1600	1100	1100	1000	800	600	300	100
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	900	500	300	300	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
3400	.90	1900	1900	1300	1800	1100	1100	1000	900	700	300	0	0
	.50	1600	1600	1500	1500	300	800	600	500	400	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	1900	1900	1300	1800	1100	1100	1000	900	700	400	0	0
	.50	1600	1600	1500	1500	300	800	600	500	400	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	2300	2300	1900	1900	1300	1100	1100	1100	800	600	400	100
	.50	2000	2000	1600	1600	1500	800	800	800	400	0	0	0
	.10	1500	1500	1100	1100	1000	500	300	300	0	0	0	0
3500	.90	1900	1900	1900	1800	1100	1100	1100	900	700	400	0	0
	.50	1600	1600	1600	1500	800	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	500	300	300	200	0	0	0	0
	.90	2300	2300	1900	1900	1800	1500	1100	1100	800	600	400	200
	.50	2000	2000	1600	1600	1500	1200	800	800	500	100	0	0
	.10	1500	1500	1100	1100	1000	700	500	300	100	0	0	0
	.90	1900	1900	1900	1800	1500	1100	1100	1000	800	400	0	0
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	1900	1900	1900	1800	1500	1100	1100	1000	800	400	200	0
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	2300	2300	2300	1900	1800	1500	1500	1100	900	700	500	300
	.50	2000	2000	2000	1600	1500	1200	1100	800	500	200	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	2300	2300	1900	1900	1300	1100	1100	1100	800	400	100	0
	.50	2000	2000	1500	1500	1500	800	800	800	400	0	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2300	2300	1900	1900	1300	1100	1100	1100	800	500	200	0
	.50	2000	2000	1600	1600	1500	800	800	800	500	0	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2300	2300	2300	1900	1900	1800	1500	1100	900	700	600	400
	.50	2000	2000	2000	1600	1600	1500	1200	800	500	200	0	0
	.10	1500	1500	1500	1100	1100	1000	1000	600	100	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
↓	EXC.	EXC.											
3800	.90	2300	2500	1900	1900	1900	1500	1100	1100	800	500	200	0
	.50	2000	2000	1600	1600	1500	1200	800	800	500	100	0	0
	.10	1500	1500	1100	1100	1300	900	500	300	100	0	0	0
	.90	2300	2300	1900	1900	1300	1500	1100	1100	800	600	300	0
	.50	2000	2000	1500	1600	1500	1200	800	800	500	100	0	0
	.10	1500	1500	1100	1100	1300	900	500	500	100	0	0	0
	.90	2300	2300	2300	2300	1700	1900	1500	1500	1000	800	600	400
	.50	2000	2000	2000	2000	1500	1500	1200	1100	600	200	0	0
	.10	1500	1500	1500	1500	1100	1000	900	500	200	0	0	0
3900	.90	2300	2300	2300	1900	1300	1600	1300	1100	800	500	200	0
	.50	2000	2000	2000	1600	1500	1200	1000	800	500	100	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	2300	2300	2300	1900	1300	1600	1500	1100	900	600	400	100
	.50	2000	2000	2000	1600	1500	1200	1100	800	500	100	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
4000	.90	2400	2400	2300	2300	1700	1800	1600	1500	1100	800	600	500
	.50	2000	2000	2000	2000	1500	1500	1200	1200	600	300	0	0
	.10	1500	1500	1500	1500	1100	1000	900	600	200	0	0	0
	.90	2300	2300	2300	1900	1900	1800	1500	1100	900	600	300	0
	.50	2000	2000	2000	1600	1500	1500	1200	800	500	200	0	0
	.10	1500	1500	1500	1100	1100	1000	700	500	100	0	0	0
	.90	2300	2300	2300	1900	1900	1800	1500	1300	900	600	400	200
	.50	2000	2000	2000	1600	1500	1500	1200	1000	500	200	0	0
	.10	1500	1500	1500	1100	1100	1000	700	500	100	0	0	0
	.90	2300	2300	2300	1900	1900	1800	1500	1500	1100	800	600	600
	.50	2000	2000	2000	1600	1500	1500	1200	1200	800	400	0	0
	.10	1500	1500	1500	1100	1100	1000	1000	900	300	0	0	0
4100	.90	2300	2300	2300	2300	1900	1800	1500	1500	900	600	400	100
	.50	2000	2000	2000	2000	1500	1500	1200	1100	500	200	0	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2300	2300	2300	2300	1900	1800	1500	1500	900	700	500	300
	.50	2000	2000	2000	2000	1500	1500	1200	1100	600	200	0	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2800	2500	2300	2300	2200	1900	1800	1600	1300	900	700	600
	.50	2500	2000	2000	2000	1700	1600	1500	1200	800	400	100	0
	.10	2000	1600	1500	1500	1200	1100	1000	900	500	300	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
↓	EXC.	EXC.											
4200	.90	2300	2300	2300	2300	1900	1800	1600	1500	900	700	400	100
	.50	2000	2000	2000	2000	1500	1500	1300	1200	600	200	0	0
	.10	1600	1600	1500	1500	1100	1000	900	800	200	0	0	0
	.90	2300	2300	2300	2300	1900	1800	1600	1500	1000	700	500	300
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	0	0
	.10	1600	1600	1500	1500	1100	1000	900	800	200	0	0	0
	.90	2800	2500	2500	2300	2300	1900	1800	1800	1400	900	700	600
	.50	2500	2000	2000	2000	1900	1600	1500	1300	800	400	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
4300	.90	2800	2300	2300	2300	2000	1800	1300	1500	1000	700	500	200
	.50	2500	2000	2000	2000	1700	1500	1500	1200	600	300	0	0
	.10	2000	1600	1500	1500	1200	1000	1000	900	300	0	0	0
	.90	2800	2300	2300	2300	2000	1800	1800	1500	1100	800	600	400
	.50	2500	2000	2000	2000	1700	1500	1500	1200	800	300	0	0
	.10	2000	1600	1500	1500	1200	1000	1000	900	300	0	0	0
4400	.90	3000	2500	2500	2300	2300	2000	1900	1800	1500	1000	800	600
	.50	2700	2000	2000	2000	2000	1600	1500	1500	800	500	100	0
	.10	2200	1600	1600	1500	1500	1100	1000	1000	500	0	0	0
	.90	2800	2300	2300	2300	2200	1900	1800	1600	1100	800	500	300
	.50	2500	2000	2000	2000	1900	1600	1500	1200	800	400	0	0
	.10	2000	1600	1500	1500	1500	1100	1000	900	300	0	0	0
	.90	2800	2300	2300	2300	2200	1900	1800	1600	1100	800	600	400
	.50	2500	2000	2000	2000	1900	1600	1500	1200	800	400	0	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
4500	.90	2800	2300	2300	2300	2200	1900	1800	1600	1100	800	600	400
	.50	2500	2000	2000	2000	1900	1600	1500	1200	800	400	0	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
	.90	3000	2800	2600	2300	2300	2200	1900	1800	1500	1100	800	700
	.50	2700	2500	2000	2000	2000	1700	1500	1500	1100	500	200	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	2800	2300	2300	2300	2200	1900	1800	1700	1100	800	600	400
	.50	2500	2000	2000	2000	1900	1600	1500	1400	800	400	0	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
	.90	2800	2300	2300	2300	2200	1900	1800	1800	1100	800	600	500
	.50	2500	2000	2000	2000	1900	1600	1500	1400	800	400	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
	.90	3000	2600	2600	2300	2300	2200	2000	1900	1500	1100	900	700
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1100	500	200	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MARCH INCUBATION MONTH - MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
0	EXC.	EXC.											
4500	.90	3000	2300	2300	2300	2300	1900	1800	1800	1100	800	600	400
	.50	2700	2000	2000	2000	2000	1600	1500	1500	800	400	100	0
	.10	2200	1600	1600	1600	1500	1100	1000	1000	500	0	0	0
	.90	3000	2300	2300	2300	2300	1900	1800	1800	1300	900	700	600
	.50	2700	2000	2000	2000	2000	1600	1500	1500	800	500	100	0
	.10	2200	1600	1600	1600	1500	1100	1000	1000	500	0	0	0
	.90	3000	2800	2700	2700	2300	2200	2200	1900	1500	1300	900	800
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	600	300	0
	.10	2200	2000	1600	1500	1500	1500	1100	1000	500	0	0	0
4700	.90	3000	2600	2300	2300	2300	2000	1900	1800	1500	900	600	500
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1100	500	100	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3000	2800	2300	2300	2300	2000	1900	1800	1500	900	700	600
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1100	500	100	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3000	2800	2700	2700	2300	2300	2200	2000	1500	1300	1000	800
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	600	400	100
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
4900	.90	3000	2800	2300	2300	2300	2200	1900	1800	1500	900	700	500
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	500	100	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3000	2800	2300	2300	2300	2200	1900	1800	1500	900	800	600
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	500	200	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3000	2500	2000	2000	2000	1900	1700	1600	1300	1100	900	900
	.50	2700	2000	1600	1600	1600	1500	1200	1100	800	400	100	0
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3000	2800	2300	2300	2300	2200	1900	1800	1500	900	700	600
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	500	200	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3000	2800	2300	2300	2300	2200	2000	1800	1500	1000	800	600
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	600	200	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3000	2800	2600	2600	2300	2300	2200	2000	1600	1400	1100	900
	.50	2700	2500	2300	2300	2000	2000	1700	1600	1200	800	500	100
	.10	2400	2000	1800	1600	1500	1500	1300	1100	600	200	0	0

TABLE 4. GORGE RELEASE (GFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3000	2800	2300	2300	2300	2200	2000	1900	1500	900	800	600
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	600	200	0
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3000	2800	2300	2300	2300	2200	2000	1900	1500	1100	800	600
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	600	200	0
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3400	3200	2900	2900	2300	2300	2200	2200	1800	1500	1300	900
	.50	3000	2900	2500	2000	2000	2000	1900	1700	1200	800	500	100
	.10	2400	2400	2000	1600	1600	1500	1500	1200	700	200	0	0
5100	.90	3000	2800	2300	2300	2300	2200	2000	1900	1500	1000	800	600
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	600	200	0
	.10	2300	2000	1600	1600	1500	1500	1200	1100	600	100	0	0
	.90	3000	2800	2400	2300	2300	2200	2000	1900	1500	1100	900	700
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	500	300	0
	.10	2300	2000	1600	1600	1600	1500	1200	1100	600	100	0	0
	.90	3600	3200	2900	2900	2700	2300	2300	2200	1800	1500	1300	1000
	.50	3200	2900	2500	2300	2000	2000	1900	1700	1200	900	500	200
	.10	2600	2400	2000	1800	1500	1500	1500	1200	800	300	0	0
5200	.90	3200	2900	2600	2300	2300	2200	2200	1900	1500	1100	800	600
	.50	2900	2600	2300	2000	2000	1900	1900	1600	1100	600	300	0
	.10	2400	2300	1800	1600	1500	1500	1500	1100	700	200	0	0
	.90	3400	2900	2600	2300	2300	2300	2200	2000	1500	1100	900	700
	.50	3000	2600	2300	2000	2000	1900	1900	1600	1200	600	300	0
	.10	2400	2300	1800	1600	1500	1500	1500	1100	700	200	0	0
	.90	3700	3200	3000	3000	2900	2300	2300	2200	1900	1500	1300	1100
	.50	3300	2900	2600	2500	2300	2000	1900	1900	1300	800	500	200
	.10	2700	2400	2300	2000	1700	1600	1500	1500	900	300	0	0
5300	.90	3400	3200	2800	2300	2300	2300	2200	2000	1500	1100	800	600
	.50	3000	2900	2500	2000	2000	2000	1900	1700	1200	600	300	0
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0
	.90	3400	3200	2800	2500	2300	2300	2200	2000	1500	1100	800	600
	.50	3000	2900	2500	2000	2000	2000	1900	1700	1200	600	300	0
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0
	.90	3700	3200	3000	3000	2900	2700	2300	2300	2000	1500	1300	1300
	.50	3300	2900	2700	2500	2300	2000	2000	1900	1400	800	600	300
	.10	2700	2400	2300	2000	1700	1600	1600	1500	900	300	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING #UA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING MONTH - MARCH	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5400	.90	3400	3200	2900	2600	2300	2300	2200	2000	1500	1100	900	700
	.50	3000	2900	2600	2300	2000	2000	1900	1700	1200	700	300	0
	.10	2500	2400	2200	1800	1500	1500	1500	1200	800	200	0	0
	.90	3600	3200	2900	2800	2300	2300	2200	2200	1600	1300	900	800
	.50	3200	2900	2600	2500	2000	2000	1900	1700	1200	800	400	100
	.10	2600	2400	2200	2000	1600	1600	1500	1400	800	300	0	0
	.90	3800	3400	3200	3100	3100	2800	2700	2400	2200	1500	1400	1300
	.50	3400	3000	2900	2600	2300	2300	2000	2000	1500	1000	600	400
	.10	2800	2500	2400	2300	1700	1700	1600	1500	900	400	0	0
5500	.90	3600	3200	2900	2800	2300	2300	2200	2200	1600	1100	900	700
	.50	3200	2900	2600	2500	2000	2000	1900	1900	1200	800	400	100
	.10	2600	2400	2300	2000	1500	1500	1500	1500	900	300	0	0
	.90	3700	3200	2900	2900	2700	2300	2300	2200	1600	1300	1000	800
	.50	3300	2900	2600	2500	2300	2000	1900	1900	1200	800	500	100
	.10	2700	2400	2300	2000	1700	1600	1500	1500	900	300	0	0
	.90	3800	3800	3200	3100	3100	3000	2800	2700	2200	1600	1500	1300
	.50	3400	3400	2900	2600	2300	2300	2000	2000	1600	1100	800	500
	.10	2800	2800	2400	2300	1900	1700	1600	1600	1000	500	0	0
5600	.90	3700	3200	3000	2900	2700	2300	2300	2200	1600	1300	900	800
	.50	3300	2900	2700	2600	2300	2000	2000	1900	1200	800	500	100
	.10	2700	2400	2300	2200	1700	1600	1500	1500	900	300	0	0
	.90	3700	3200	3000	2900	2700	2300	2300	2200	1800	1400	1100	900
	.50	3300	2900	2700	2600	2300	2000	2000	1900	1300	800	500	100
	.10	2700	2400	2400	2200	1700	1600	1600	1500	900	300	0	0
5700	.90	3800	3800	3200	3100	3100	3000	3000	2800	2200	1800	1500	1300
	.50	3400	3400	2900	2700	2500	2300	2300	2000	1600	1200	800	500
	.10	2800	2800	2400	2400	2000	1700	1700	1600	1000	500	0	0
	.90	3700	3200	3200	2900	2700	2300	2300	2200	1800	1300	900	800
	.50	3300	2900	2900	2600	2300	2000	2000	1900	1400	800	500	100
	.10	2700	2500	2400	2300	1700	1600	1600	1500	900	300	0	0
	.90	3800	3400	3200	2900	2700	2700	2300	2300	1800	1500	1100	900
	.50	3400	3000	2900	2600	2300	2300	2000	2000	1400	800	500	100
	.10	2800	2500	2400	2300	1700	1700	1600	1600	900	500	0	0
	.90	4000	3600	3200	3200	3200	3000	3000	3000	2300	2000	1500	1300
	.50	3700	3400	2900	2900	2500	2300	2300	2300	1700	1200	800	600
	.10	3200	2800	2400	2400	2000	1700	1700	1700	1100	500	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH -- MARCH INCUBATION MONTH -- MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
A	EXC.	EXC.											
5300	.90	3800	3400	3200	2900	2700	2700	2300	2300	1800	1400	1000	800
	.50	3400	3000	2900	2600	2300	2300	2000	2000	1400	800	500	100
	.10	2800	2500	2400	2300	1300	1700	1500	1600	900	500	0	0
	.90	3800	3800	3200	3000	2700	2700	2600	2300	1900	1500	1300	900
	.50	3400	3400	2900	2700	2300	2300	2000	2000	1500	800	500	200
	.10	2800	2800	2400	2300	1300	1700	1500	1600	1000	500	0	0
	.90	4100	3800	3200	3200	3200	3000	3000	3000	2700	2200	1600	1400
	.50	3800	3400	2900	2900	2500	2300	2300	2300	1800	1400	800	600
	.10	3300	2800	2500	2400	2300	1700	1700	1700	1200	500	0	0
5900	.90	3800	3800	3200	3000	2300	2700	2500	2300	1800	1500	1100	900
	.50	3400	3400	2900	2700	2500	2300	2000	2000	1500	800	500	100
	.10	2800	2800	2400	2400	2000	1700	1600	1600	1000	500	0	0
	.90	3800	3800	3200	3100	2300	2700	2700	2300	2000	1500	1300	900
	.50	3400	3400	2900	2800	2500	2300	2300	2000	1500	1000	600	300
	.10	2800	2800	2400	2400	2000	1700	1700	1600	1000	500	0	0
	.90	4100	3800	3700	3300	3300	3000	3000	3000	2700	2200	1600	1500
	.50	3800	3400	3300	2900	2500	2300	2300	2300	1900	1400	800	800
	.10	3300	2800	2700	2400	2300	1700	1700	1700	1500	500	0	0
6000	.90	4000	3800	3200	3100	2300	2700	2700	2300	1900	1500	1100	900
	.50	3700	3400	2900	2800	2500	2300	2300	2000	1500	900	500	200
	.10	3200	2800	2400	2400	2000	1700	1700	1600	1000	500	0	0
	.90	4000	3800	3200	3200	2300	2700	2700	2700	2200	1500	1300	1100
	.50	3700	3400	2900	2900	2500	2300	2300	2300	1600	1000	600	300
	.10	3200	2800	2400	2400	2000	1700	1700	1700	1100	500	0	0
	.90	4100	3800	3200	3300	3300	3200	3000	3000	2700	2200	1800	1500
	.50	3800	3400	3400	2900	2500	2300	2300	2300	1900	1400	900	800
	.10	3300	2800	2800	2400	2300	1700	1700	1700	1500	500	0	0
6100	.90	4100	3800	3200	3200	2900	2700	2700	2700	2000	1500	1100	900
	.50	3800	3400	2900	2900	2500	2300	2300	2300	1600	1000	600	200
	.10	3300	2800	2400	2400	2300	1700	1700	1700	1100	500	0	0
	.90	4100	3800	3200	3200	2900	2700	2700	2700	2200	1600	1300	1100
	.50	3800	3400	2900	2900	2500	2300	2300	2300	1700	1100	600	400
	.10	3300	2800	2500	2400	2300	1700	1700	1700	1200	500	0	0
	.90	4500	3800	3800	3400	3400	3200	3000	3000	2700	2200	1800	1500
	.50	4200	3400	3400	2900	2700	2300	2300	2300	2000	1400	1000	800
	.10	3700	2800	2800	2500	2400	1800	1700	1700	1500	600	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING 2 EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
.90	.90	4100	3800	3200	3200	2700	2700	2700	2700	2200	1500	1300	900
.50	.50	3800	3400	2900	2900	2500	2300	2300	2300	1700	1000	600	300
.10	.10	3300	2800	2500	2400	2300	1700	1700	1700	1300	500	0	0
.90	.90	4100	3800	3700	3200	2900	2800	2700	2700	2200	1600	1400	1300
.50	.50	3800	3400	3300	2900	2600	2300	2300	2300	1900	1100	700	500
.10	.10	3300	2600	2700	2400	2300	1700	1700	1700	1500	500	0	0
.90	.90	4500	4200	3800	3400	3400	3200	3000	3000	2800	2200	2200	1600
.50	.50	4200	3900	3400	2900	2700	2500	2300	2300	2000	1500	1200	800
.10	.10	3700	3400	2800	2500	2400	2000	1700	1700	1600	700	100	0
.90	.90	4100	3800	3800	3200	2900	2700	2700	2700	2200	1500	1300	900
.50	.50	3800	3400	3400	2900	2500	2300	2300	2300	1900	1200	800	500
.10	.10	3300	2800	2800	2400	2300	1800	1700	1700	1500	500	0	0
.90	.90	4500	4300	3800	3800	3500	3500	3000	3000	2800	2300	2200	1600
.50	.50	4200	4000	3400	3400	2800	2500	2300	2300	2100	1600	1200	800
.10	.10	3700	3500	2800	2800	2400	2000	1700	1700	1600	700	200	0
.90	.90	4500	3800	3800	3200	3000	2800	2700	2700	2200	1600	1300	1100
.50	.50	4200	3400	3400	2900	2700	2500	2300	2300	1900	1100	600	400
.10	.10	3700	2800	2800	2400	2400	2000	1700	1700	1500	500	0	0
.90	.90	4500	3800	3800	3200	3000	2900	2700	2700	2300	1300	1500	1300
.50	.50	4200	3400	3400	2900	2700	2500	2300	2300	1900	1200	800	500
.10	.10	3700	2800	2800	2500	2400	2000	1700	1700	1500	600	0	0
.90	.90	4600	4300	3800	3800	3800	3500	3500	3000	2800	2700	2200	1800
.50	.50	4300	4000	3400	3400	2900	2600	2400	2300	2100	1700	1400	800
.10	.10	3800	3500	2800	2800	2400	2300	1800	1700	1600	800	300	0
.90	.90	4500	4200	3800	3200	3000	2800	2700	2700	2300	1600	1300	1100
.50	.50	4200	3900	3400	2900	2700	2500	2300	2300	1900	1200	700	500
.10	.10	3700	3400	2800	2500	2400	2000	1700	1700	1500	700	0	0
.90	.90	4500	4200	3800	3200	3000	2900	2800	2700	2300	1900	1500	1300
.50	.50	4200	3900	3400	2900	2700	2500	2300	2300	1900	1200	700	500
.10	.10	3700	3400	2800	2500	2400	2000	1700	1700	1500	700	0	0
.90	.90	4500	4200	3800	3200	3000	2900	2800	2700	2300	1900	1500	1300
.50	.50	4200	3900	3400	2900	2700	2500	2300	2300	1900	1300	800	600
.10	.10	3700	3400	2800	2500	2400	2000	1700	1700	1600	700	0	0
.90	.90	4600	4500	4300	3800	3800	3800	3800	3600	3000	2700	2200	2200
.50	.50	4300	4200	4000	4300	4300	4000	3800	3600	3000	2700	2200	2200
.10	.10	3800	3400	2800	2500	2400	2000	1700	1700	1600	700	1400	1000
.90	.90	4300	4200	4000	3400	3400	3400	2500	2500	2300	1700	1400	1000
.50	.50	4300	4200	4000	3400	3400	2600	2500	2500	2300	1700	800	300
.10	.10	3800	3700	3500	2800	2400	2300	2000	2000	1700	800	300	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - MAY

SPAWNING WUA EXC.	INCUBATION MONTH - MAY											
	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
6500 .90	4500	4300	3800	3800	3100	2900	2700	2700	2300	1800	1400	1300
.50	4200	4000	3400	3400	2300	2600	2300	2300	2000	1200	800	500
.10	3700	3500	2800	2800	2400	2300	1700	1700	1600	700	0	0
.90	4500	4300	3800	3800	3100	3000	2900	2800	2700	2200	1500	1300
.50	4200	4000	3400	3400	2300	2600	2300	2300	2000	1400	800	600
.10	3700	3500	2800	2800	2400	2300	1700	1700	1600	800	200	0
.90	4700	4500	4200	4200	3300	3800	3800	3800	3000	2800	2300	2200
.50	4400	4200	4000	4000	2900	2600	2500	2400	2300	1900	1500	1400
.10	3900	3700	3500	3500	2400	2300	2000	1700	1700	900	400	0
.90	4600	4300	3800	3800	3200	2900	2800	2700	2300	1800	1500	1300
.50	4300	4000	3400	3400	2900	2600	2300	2300	2000	1300	800	500
.10	3800	3500	2800	2800	2400	2300	1900	1700	1600	800	100	0
.90	4600	4300	3800	3800	3200	3100	3000	2900	2700	2200	1600	1400
.50	4300	4000	3400	3400	2900	2600	2300	2300	2000	1400	800	700
.10	3800	3500	2800	2800	2400	2300	1800	1700	1600	800	200	0
.90	4700	4400	4300	4300	3300	3800	3800	3800	3000	2800	2700	2200
.50	4400	4400	4000	4000	2900	2700	2600	2400	2300	2000	1700	1400
.10	3900	3900	3500	3500	2500	2400	2300	1800	1700	900	400	300
.90	4600	4500	4300	4300	3200	2900	2900	2700	2600	1900	1500	1300
.50	4300	4200	4000	4000	2900	2600	2500	2300	2000	1400	800	500
.10	3800	3700	3500	3500	2400	2300	2000	1700	1600	800	200	0
.90	4600	4500	4300	4300	3200	3100	3000	3000	2700	2200	1700	1500
.50	4300	4200	4000	4000	2900	2600	2500	2300	2300	1600	1000	800
.10	3800	3700	3500	3500	2400	2300	2000	1700	1600	900	300	0
.90	4700	4700	4300	4300	3300	3800	3800	3800	3700	3000	2700	2200
.50	4400	4400	4000	4000	3400	2700	2600	2500	2400	2300	1700	1400
.10	3900	3900	3500	3500	2300	2400	2300	2000	1700	1000	400	300
.90	4700	4500	4300	4300	3200	2900	2900	2800	2700	2200	1500	1300
.50	4400	4200	4000	4000	2900	2600	2500	2300	2300	1400	800	600
.10	3900	3700	3500	3500	2400	2300	2000	1700	1700	900	300	0
.90	4700	4500	4300	4300	3200	2900	2900	2800	2700	2200	1900	1500
.50	4400	4200	4000	4000	2900	2600	2500	2300	2300	1600	1000	800
.10	3900	3700	3500	3500	2400	2300	2000	1700	1700	900	300	0
.90	4700	4500	4300	4300	3200	2900	2900	2800	2700	2200	1900	1500
.50	4400	4200	4000	4000	2900	2600	2500	2300	2300	1600	1000	800
.10	3900	3700	3500	3500	2400	2300	2000	1700	1700	900	300	0
.90	4800	4800	4300	4300	3800	3800	3800	3800	3800	3000	2800	2700
.50	4500	4500	4000	4000	3400	2800	2600	2500	2400	2300	1700	1400
.10	4000	4000	3500	3500	2800	2800	2300	2000	1700	900	300	0
.90	4800	4500	4000	4000	3400	3800	3800	3800	3800	3000	2800	2700
.50	4500	4500	4000	4000	3400	2800	2600	2500	2400	2300	1700	1400
.10	4000	4000	3500	3500	2800	2800	2300	2000	1700	900	300	0

TABLE 4. GURGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	4700	4700	4300	4300	3200	3000	2900	2800	2700	2200	1600	1300
	.50	4400	4400	4000	4000	2700	2700	2600	2300	2300	1400	800	600
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1700	900	300	0
	.90	4700	4700	4300	4300	3200	3200	3000	3000	2800	2300	2200	1600
	.50	4400	4400	4000	4000	2900	2700	2500	2300	2300	1700	1400	800
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1700	900	300	0
	.90	5500	4800	4300	4300	4200	4200	3800	3800	3800	3000	2900	2700
	.50	5200	4500	4000	4000	3400	2900	2800	2700	2400	2300	2000	1700
	.10	4700	4000	3500	3500	2800	2400	2300	2000	1700	1100	500	400







TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- MARCH INCUBATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2500	.90	1000	1000	1000	700	700	600	600	400	0	0	0	0
	.50	600	600	500	300	300	200	100	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	1000	1000	1000	800	700	600	500	500	100	0	0	0
	.50	600	600	500	300	300	200	100	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.50	600	600	600	500	300	300	200	200	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
2700	.90	1000	1000	1000	1000	700	700	500	500	100	0	0	0
	.50	600	600	500	500	300	200	200	100	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.50	600	600	500	500	300	200	200	100	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1200	1000	1000	1000	800	700	700	700	400	0	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
2300	.90	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.50	600	600	600	500	300	300	200	100	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.50	600	600	600	500	300	300	200	100	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.50	600	600	600	500	300	300	200	200	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1700	1000	1000	1000	1000	700	700	700	400	0	0	0
	.50	1200	600	500	600	500	300	300	200	0	0	0	0
	.10	800	300	300	200	100	0	0	0	0	0	0	0
2900	.90	1200	1000	1000	1000	800	700	700	600	200	0	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
	.90	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	800	700	600	300	0	0	0
	.50	1300	1200	600	600	500	800	700	700	400	100	0	0
	.10	900	800	300	300	100	300	300	300	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	.90	1200	1000	1000	1000	700	700	700	300	0	0	0
	.50	.50	800	600	500	300	300	300	200	0	0	0	0
	.10	.10	500	300	100	0	0	0	0	0	0	0	0
	.90	.90	1200	1000	1000	700	700	700	700	400	0	0	0
	.50	.50	800	600	500	300	300	300	200	0	0	0	0
	.10	.10	500	300	100	0	0	0	0	0	0	0	0
	.90	.90	1800	1700	1000	800	700	700	700	500	200	0	0
	.50	.50	1300	1200	600	300	300	300	300	0	0	0	0
	.10	.10	900	800	300	0	0	0	0	0	0	0	0
3100	.90	.90	1700	1000	1000	700	700	700	700	400	0	0	0
	.50	.50	1200	600	600	300	300	300	200	0	0	0	0
	.10	.10	800	300	300	0	0	0	0	0	0	0	0
	.90	.90	1700	1000	1000	800	700	700	700	400	0	0	0
	.50	.50	1200	600	600	300	300	300	200	0	0	0	0
	.10	.10	800	300	300	0	0	0	0	0	0	0	0
3200	.90	.90	1800	1700	1700	1000	800	800	700	600	200	0	0
	.50	.50	1300	1200	1200	600	500	300	300	100	0	0	0
	.10	.10	900	800	800	300	100	0	0	0	0	0	0
	.90	.90	1800	1700	1000	800	700	700	700	400	0	0	0
	.50	.50	1300	1200	600	300	300	300	300	0	0	0	0
	.10	.10	900	800	300	100	0	0	0	0	0	0	0
	.90	.90	1800	1700	1000	800	700	700	700	400	0	0	0
	.50	.50	1300	1200	600	500	300	300	300	0	0	0	0
	.10	.10	900	800	300	100	0	0	0	0	0	0	0
3300	.90	.90	1800	1800	1700	1000	800	800	800	600	200	0	0
	.50	.50	1300	1200	1000	500	300	300	300	0	0	0	0
	.10	.10	900	800	300	100	0	0	0	0	0	0	0
	.90	.90	1800	1800	1700	1000	800	800	800	600	200	0	0
	.50	.50	1300	1200	1000	500	300	300	300	0	0	0	0
	.10	.10	900	800	300	100	0	0	0	0	0	0	0
	.90	.90	1800	1800	1700	1000	800	800	700	500	0	0	0
	.50	.50	1300	1200	1000	500	300	300	300	0	0	0	0
	.10	.10	900	800	300	100	0	0	0	0	0	0	0
	.90	.90	1800	1800	1700	1400	1000	800	700	500	0	0	0
	.50	.50	1300	1300	1200	1000	500	300	300	0	0	0	0
	.10	.10	900	900	700	300	100	0	0	0	0	0	0
	.90	.90	1800	1800	1700	1400	1000	800	700	500	0	0	0
	.50	.50	1300	1300	1200	1000	600	500	300	100	0	0	0
	.10	.10	900	900	800	700	300	100	0	0	0	0	0
	.90	.90	1800	1800	1800	1700	1000	1000	800	600	300	0	0
	.50	.50	1300	1300	1300	1000	600	500	300	100	0	0	0
	.10	.10	900	900	900	700	300	100	0	0	0	0	0
	.90	.90	1800	1800	1800	1700	1400	1000	800	600	300	0	0
	.50	.50	1300	1300	1300	1000	600	500	300	100	0	0	0
	.10	.10	900	900	900	700	300	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MARCH INCUBATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
J	EXC.	EXC.											
3400	.90	1800	1800	1700	1700	1300	1000	800	700	600	100	0	0
	.50	1300	1300	1200	1200	500	500	300	300	100	0	0	0
	.10	900	900	800	800	300	100	0	0	0	0	0	0
	.90	1800	1800	1700	1700	1000	1000	800	700	600	200	0	0
	.50	1300	1300	1200	1200	500	500	300	300	100	0	0	0
	.10	900	900	800	800	300	100	0	0	0	0	0	0
	.90	2200	2200	1800	1800	1700	1000	1000	1000	700	400	100	0
	.50	1700	1700	1300	1300	1200	600	500	500	200	0	0	0
	.10	1300	1300	900	900	800	300	100	100	0	0	0	0
3500	.90	1800	1800	1700	1700	1300	1000	1000	800	600	200	0	0
	.50	1300	1300	1300	1200	500	500	500	300	100	0	0	0
	.10	900	900	900	800	300	100	100	0	0	0	0	0
	.90	1800	1800	1700	1700	1400	1000	1000	800	600	200	0	0
	.50	1300	1300	1300	1200	900	600	500	300	100	0	0	0
	.10	900	900	900	800	300	300	100	0	0	0	0	0
	.90	2200	2200	1300	1800	1700	1400	1000	1000	700	400	200	0
	.50	1700	1700	1300	1300	1200	800	500	500	200	0	0	0
	.10	1300	1300	900	900	300	500	300	100	0	0	0	0
3600	.90	1800	1800	1800	1700	1400	1000	1000	800	600	200	0	0
	.50	1300	1300	1300	1200	1000	600	500	300	100	0	0	0
	.10	900	900	900	800	700	300	100	0	0	0	0	0
	.90	1800	1800	1800	1700	1400	1000	1000	800	600	200	0	0
	.50	1300	1300	1300	1200	1000	600	500	300	100	0	0	0
	.10	900	900	900	800	700	300	100	0	0	0	0	0
	.90	2200	2200	2200	1800	1700	1400	1300	1000	700	400	200	0
	.50	1700	1700	1700	1300	1200	1000	700	600	200	0	0	0
	.10	1300	1300	1300	900	300	700	300	300	0	0	0	0
3700	.90	2200	2200	1800	1800	1700	1000	1000	1000	500	200	0	0
	.50	1700	1700	1300	1300	1200	600	500	500	200	0	0	0
	.10	1300	1300	1300	900	800	300	100	100	0	0	0	0
	.90	2200	2200	1800	1800	1700	1000	1000	1000	500	200	0	0
	.50	1700	1700	1300	1300	1200	600	500	500	200	0	0	0
	.10	1300	1300	1300	900	800	300	300	100	0	0	0	0
	.90	2200	2200	1800	1800	1700	1000	1000	1000	700	300	0	0
	.50	1700	1700	1300	1300	1200	600	500	500	200	0	0	0
	.10	1300	1300	1300	900	800	300	300	100	0	0	0	0
	.90	2200	2200	2200	1800	1300	1700	1400	1200	700	500	200	0
	.50	1700	1700	1700	1300	1300	1200	800	600	300	0	0	0
	.10	1300	1300	1300	900	800	300	300	100	0	0	0	0

TABLE 4. GORGE RELEASE (GFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MARCH INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
J	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
3800	.90	2200	2200	1300	1800	1700	1400	1000	1000	700	300	0	0
	.50	1700	1700	1300	1300	1200	1000	600	500	200	0	0	0
	.10	1300	1300	900	900	800	700	300	100	0	0	0	0
	.90	2200	2200	1800	1800	1700	1400	1000	1000	700	400	100	0
	.50	1700	1700	1300	1300	1200	1000	600	600	200	0	0	0
	.10	1300	1300	900	900	800	700	300	200	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1400	1300	900	500	300	100
	.50	1700	1700	1700	1700	1300	1200	1000	700	300	0	0	0
	.10	1300	1300	1300	1300	900	800	700	300	0	0	0	0
3700	.90	2200	2200	2200	1800	1700	1400	1200	1000	700	400	0	0
	.50	1700	1700	1700	1300	1200	1000	700	600	200	0	0	0
	.10	1300	1300	1300	900	800	700	300	300	0	0	0	0
	.90	2200	2200	2200	1800	1700	1400	1300	1000	700	400	200	0
	.50	1700	1700	1700	1700	1300	1200	1000	800	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
4000	.90	2200	2200	2200	1800	1800	1700	1400	1000	700	400	100	0
	.50	1700	1700	1700	1300	1300	1200	1000	800	300	0	0	0
	.10	1300	1300	1300	900	900	800	700	300	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1500	1400	800	600	400	200
	.50	1700	1700	1700	1700	1300	1200	1000	800	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2200	2200	2200	1800	1800	1700	1400	1000	700	400	200	0
	.50	1700	1700	1700	1300	1300	1200	1000	800	300	0	0	0
	.10	1300	1300	1300	900	900	800	700	300	0	0	0	0
4100	.90	2200	2200	2200	1800	1800	1700	1400	1200	700	400	200	0
	.50	1700	1700	1700	1300	1300	1200	1000	700	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1700	1400	1000	600	400	200
	.50	1700	1700	1700	1700	1300	1200	1000	700	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1400	1300	700	400	200	0
	.50	1700	1700	1700	1700	1300	1200	1000	700	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1400	1300	800	500	200	0
	.50	1700	1700	1700	1700	1300	1200	1000	700	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2200	2200	2200	2200	1800	1800	1700	1400	1000	600	500	300
	.50	1700	1700	1700	1700	1300	1300	1200	1000	500	100	0	0
	.10	1800	1400	1300	1300	900	900	800	700	300	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2200	2200	2200	2200	1800	1700	1500	1400	800	500	200	0
	.50	1700	1700	1700	1300	1300	1200	1200	1000	300	0	0	0
	.10	1400	1400	1300	1300	900	800	700	600	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1500	1400	800	500	300	0
	.50	1700	1700	1700	1300	1300	1200	1000	1000	300	0	0	0
	.10	1400	1400	1300	1300	900	800	700	600	0	0	0	0
	.90	2700	2200	2200	2200	2100	1800	1700	1700	1000	700	500	300
	.50	2200	1700	1700	1700	1700	1300	1200	1000	600	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	200	0	0	0
4300	.90	2700	2200	2200	2200	1900	1700	1700	1400	800	500	200	0
	.50	2200	1700	1700	1700	1400	1200	1200	1000	400	0	0	0
	.10	1800	1400	1300	1000	1000	800	800	700	100	0	0	0
	.90	2700	2200	2200	2200	1900	1700	1700	1400	1000	600	300	100
	.50	2200	1700	1700	1700	1400	1200	1200	1000	500	0	0	0
	.10	1800	1400	1300	1000	1000	800	800	700	100	0	0	0
4400	.90	2900	2200	2200	2200	2200	1800	1700	1700	1200	700	500	400
	.50	2400	1700	1700	1700	1700	1300	1200	1200	500	100	0	0
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0
	.90	2700	2200	2200	2200	2100	1800	1700	1400	1000	600	300	0
	.50	2200	1700	1700	1700	1700	1300	1200	1000	500	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	100	0	0	0
4500	.90	2700	2200	2200	2200	2100	1800	1700	1400	1000	600	400	200
	.50	2200	1700	1700	1700	1700	1300	1200	1000	600	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	200	0	0	0
	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	700	600	400
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	100	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2700	2200	2200	2200	2100	1800	1700	1600	1000	600	400	100
	.50	2200	1700	1700	1700	1700	1300	1200	1100	500	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	200	0	0	0
	.90	2700	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.50	2200	1700	1700	1700	1700	1300	1200	1100	500	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1600	1000	600	400	200
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4500	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	600	400
	.50	2400	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
4500	.90	2900	2200	2200	2200	2200	1800	1700	1700	1000	600	400	200
	.50	2400	1700	1700	1700	1700	1300	1200	1200	600	100	0	0
	.10	2000	1400	1400	1400	1300	900	800	800	200	0	0	0
	.90	2900	2200	2200	2200	2200	1800	1700	1700	1200	700	400	200
	.50	2400	1700	1700	1700	1700	1300	1200	1200	600	100	0	0
	.10	2000	1400	1400	1400	1300	900	800	800	200	0	0	0
	.90	2900	2700	2200	2200	2200	2100	1900	1800	1300	800	600	500
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
4700	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	700	400	200
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	100	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	300	0	0	0
	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	700	500	300
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	100	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	300	0	0	0
4900	.90	2900	2700	2200	2200	2200	2100	1900	1700	1300	700	400	200
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	100	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
	.90	2900	2700	2200	2200	2200	2100	1900	1700	1300	700	500	300
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
4900	.90	2900	2700	2200	2200	2200	2100	1900	1700	1300	700	400	200
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
	.90	2900	2700	2200	2200	2200	2100	1900	1700	1300	700	500	300
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
4900	.90	2900	2700	2200	2200	2200	2100	1900	1700	1300	700	400	200
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
	.90	2900	2700	2200	2200	2200	2100	1900	1700	1300	700	500	300
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
4900	.90	2900	2700	2200	2200	2200	2100	1900	1700	1300	700	400	200
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
	.90	2900	2700	2200	2200	2200	2100	1900	1700	1300	700	500	300
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	87.50	85.00	82.50	80.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
5000	.90	2900	2700	2200	2200	2200	2100	1900	1800	1300	800	500	300
	.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0
	.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	0
	.90	2900	2700	2200	2200	2200	2100	1900	1800	1300	800	600	400
	.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0
	.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	0
	.90	3200	3100	2700	2200	2200	2200	2100	1900	1400	1100	700	600
	.50	2600	2600	2200	1700	1700	1700	1700	1400	800	300	100	0
	.10	2200	2200	1800	1400	1400	1300	1300	1000	500	0	0	0
5100	.90	2900	2700	2200	2200	2200	2100	1900	1800	1300	800	500	400
	.50	2400	2200	1700	1700	1700	1700	1400	1300	800	300	0	0
	.10	2100	1900	1400	1400	1400	1300	1000	900	300	0	0	0
	.90	3400	3100	2700	2500	2200	2200	2100	2100	1400	1200	700	600
	.50	2800	2600	2200	2000	1700	1700	1700	1400	1000	400	100	0
	.10	2300	2200	1800	1600	1400	1300	1300	1000	500	0	0	0
5200	.90	3100	2800	2500	2200	2200	2100	2100	1800	1400	800	600	400
	.50	2600	2400	2000	1700	1700	1700	1700	1300	800	300	0	0
	.10	2200	2100	1600	1400	1400	1300	1300	900	500	0	0	0
	.90	3200	2800	2500	2200	2200	2100	2100	1900	1400	1000	600	500
	.50	2600	2400	2000	1700	1700	1700	1700	1300	800	300	0	0
	.10	2200	2100	1600	1400	1400	1300	1300	900	500	0	0	0
	.90	3500	3100	2800	2700	2500	2200	2200	2100	1500	1300	800	600
	.50	2900	2600	2400	2200	1900	1700	1700	1700	1000	400	100	0
	.10	2400	2200	2100	1800	1400	1400	1300	1300	700	100	0	0
5300	.90	3200	3100	2700	2200	2200	2200	2100	1900	1400	900	600	400
	.50	2600	2600	2200	1700	1700	1700	1700	1400	800	300	0	0
	.10	2200	2200	1800	1400	1400	1300	1300	1000	500	0	0	0
	.90	3200	3100	2700	2200	2200	2200	2100	1900	1400	1000	600	500
	.50	2600	2600	2200	1700	1700	1700	1700	1400	800	300	0	0
	.10	2200	2200	1800	1400	1400	1300	1300	1000	500	0	0	0
	.90	3500	3100	2900	2700	2500	2200	2200	2200	1700	1300	800	700
	.50	2900	2600	2400	2200	1900	1700	1700	1700	1000	500	100	0
	.10	2400	2200	2100	1800	1400	1400	1400	1300	700	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
5400	.90	3200	5100	2900	2500	2200	2200	2100	1900	1400	1000	600	400
	.50	2600	2600	2400	2000	1700	1700	1700	1400	1000	300	0	0
	.10	2300	2200	2000	1500	1400	1300	1300	1000	500	0	0	0
	.90	3400	3100	2800	2700	2200	2200	2100	1900	1400	1000	700	500
	.50	2800	2600	2400	2200	1700	1700	1700	1500	1000	400	100	0
	.10	2300	2200	2000	1800	1400	1400	1300	1200	500	0	0	0
	.90	3600	3200	3100	2800	2500	2500	2200	2200	1800	1400	1000	700
	.50	3000	2600	2600	2400	1900	1900	1700	1700	1000	600	100	0
	.10	2500	2300	2200	2100	1400	1400	1400	1300	700	100	0	0
5500	.90	3400	3100	2800	2700	2200	2200	2100	2100	1400	1000	600	500
	.50	2800	2600	2400	2200	1700	1700	1700	1700	1000	400	100	0
	.10	2300	2200	2100	1800	1400	1400	1300	1300	700	100	0	0
	.90	3500	3100	2800	2700	2500	2200	2100	2100	1400	1000	700	500
	.50	2900	2600	2400	2200	1900	1700	1700	1700	1000	400	100	0
	.10	2400	2200	2100	1800	1400	1400	1300	1300	700	100	0	0
	.90	3600	3600	3100	2800	2500	2500	2300	2200	1900	1400	1100	700
	.50	3000	3000	2500	2400	2000	1900	1700	1700	1200	600	100	0
	.10	2500	2500	2200	2100	1600	1400	1400	1400	800	200	0	0
5500	.90	3500	3100	2900	2800	2300	2200	2200	2100	1400	1000	700	500
	.50	2900	2600	2400	2400	1900	1700	1700	1700	1000	500	100	0
	.10	2400	2200	2100	2000	1400	1400	1400	1300	700	100	0	0
	.90	3500	3100	2900	2800	2500	2200	2200	2100	1600	1100	700	600
	.50	2900	2600	2500	2400	1900	1700	1700	1700	1000	500	100	0
	.10	2400	2200	2100	2000	1400	1400	1400	1300	700	100	0	0
	.90	3600	3600	3100	2900	2700	2500	2500	2300	2100	1400	1200	800
	.50	3000	3000	2600	2500	2200	1900	1900	1700	1200	600	200	0
	.10	2500	2500	2200	2200	1800	1400	1400	1400	800	200	0	0
5700	.90	3500	3100	3100	2800	2500	2200	2200	2100	1600	1100	700	500
	.50	2900	2600	2600	2400	1900	1700	1700	1700	1000	500	100	0
	.10	2400	2300	2200	2100	1400	1400	1400	1300	700	100	0	0
	.90	3600	3200	3100	2800	2500	2500	2200	2200	1700	1200	700	600
	.50	3000	2600	2600	2400	1900	1700	1700	1700	1000	500	100	0
	.10	2400	2300	2200	2100	1400	1400	1400	1300	700	100	0	0
	.90	3900	3600	3100	3100	2700	2500	2500	2500	2100	1400	1300	800
	.50	3400	3000	2600	2600	2200	1900	1900	1900	1300	700	200	100
	.10	3000	2500	2200	2200	1800	1400	1400	1400	900	200	0	0

TABLE 4. GURSE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
5300	.90	3600	3200	3100	2800	2500	2500	2200	2200	1700	1200	700	600
	.50	3000	2600	2600	2400	2300	1900	1700	1700	1100	600	100	0
	.10	2500	2300	2200	2100	1500	1400	1400	1400	700	200	0	0
	.90	3600	3600	3100	2900	2500	2500	2200	2200	1700	1300	800	600
	.50	3000	3000	2600	2400	2000	1900	1700	1700	1200	600	100	0
	.10	2500	2500	2200	2100	1500	1400	1400	1400	800	200	0	0
	.90	4000	3600	3100	3100	2300	2500	2500	2500	2200	1700	1400	1000
	.50	3500	3000	2600	2600	2400	1900	1900	1900	1400	700	300	100
	.10	3100	2500	2300	2200	2100	1400	1400	1400	1000	200	0	0
5300	.90	3600	3600	3100	2900	2700	2500	2200	2200	1700	1200	700	600
	.50	3000	3000	2600	2500	2200	1900	1700	1700	1200	600	100	0
	.10	2500	2500	2200	2200	1800	1400	1400	1400	800	200	0	0
	.90	3600	3600	3100	3000	2700	2500	2200	2200	1800	1300	800	600
	.50	3000	3000	2600	2600	2200	1900	1700	1700	1200	600	100	0
	.10	2500	2500	2200	2200	1800	1400	1400	1400	800	200	0	0
	.90	4000	3600	3500	3100	2800	2500	2500	2500	2200	1800	1400	1100
	.50	3500	3000	2900	2600	2400	1900	1900	1900	1700	700	300	100
	.10	3100	2500	2400	2200	2100	1400	1400	1400	1300	300	0	0
6000	.90	3900	3600	3100	3000	2700	2500	2200	2200	1800	1300	800	600
	.50	3400	3000	2600	2600	2200	1900	1900	1700	1200	600	100	0
	.10	3000	2500	2200	2200	1800	1400	1400	1400	900	200	0	0
	.90	3900	3600	3100	3100	2700	2500	2500	2500	1900	1300	900	700
	.50	3400	3000	2600	2600	2200	1900	1900	1900	1300	700	100	0
	.10	3000	2500	2200	2200	1800	1400	1400	1400	900	200	0	0
	.90	4000	3600	3500	3100	2800	2500	2500	2500	2200	1900	1400	1200
	.50	3500	3000	3000	2600	2400	1900	1900	1900	1700	700	300	100
	.10	3100	2500	2500	2200	2100	1400	1400	1400	1300	300	0	0
6100	.90	4000	3600	3100	2900	2900	2500	2500	2500	1900	1300	800	600
	.50	3500	3000	2600	2600	2400	1900	1900	1900	1300	700	100	0
	.10	3100	2500	2200	2200	2100	1400	1400	1400	900	200	0	0
	.90	4000	3600	3100	2600	2300	2500	2500	2500	2000	1400	1000	700
	.50	3500	3000	2600	2600	2400	1900	1900	1900	1400	700	100	0
	.10	3100	2500	2300	2200	2100	1400	1400	1400	1000	300	0	0
	.90	4400	3600	3600	3100	2900	2600	2500	2500	2300	1900	1400	1300
	.50	3900	3000	3000	2600	2500	2000	1900	1900	1700	800	500	100
	.10	3500	2500	2500	2300	2100	1600	1400	1400	1300	300	0	0

TABLE 4. GORSE RELEASE (CFS) PROVIDED INDICATED & OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MARCH INCUBATION MONTH - JUNE

SPawning INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
6200 .90	4000	3600	3100	3100	2300	2500	2500	2500	1900	1300	800	600
.50	3500	3000	2600	2600	2400	1900	1900	1900	1500	700	100	0
.10	3100	2500	2300	2200	2100	1400	1400	1400	1000	300	0	0
.90	4000	3600	3500	3100	2300	2500	2500	2500	2100	1400	1000	700
.50	3500	3000	2900	2600	2400	1900	1900	1900	1700	700	200	0
.10	3100	2500	2400	2200	2100	1400	1400	1400	1300	300	0	0
.90	4400	4100	3600	3100	2900	2700	2600	2500	2300	2000	1400	1300
.50	3900	3600	3000	2600	2500	2200	1900	1900	1700	800	600	100
.10	3500	3200	2500	2300	2200	1800	1400	1400	1400	500	0	0
.90	4000	3600	3600	3100	2800	2500	2500	2500	2100	1400	900	700
.50	3500	3000	3000	2600	2400	2000	1900	1900	1700	700	100	0
.10	3100	2500	2500	2200	2100	1600	1400	1400	1300	300	0	0
.90	4000	3600	3600	3100	2800	2500	2500	2500	2100	1400	1100	700
.50	3500	3000	3000	2600	2400	2000	1900	1900	1700	700	200	0
.10	3100	2500	2500	2200	2100	1600	1400	1400	1300	300	0	0
.90	4400	4200	3600	3600	3000	2800	2700	2700	2500	2000	1500	1400
.50	3900	3700	3000	3000	2500	2200	1900	1900	1700	900	600	100
.10	3500	3300	2500	2500	2200	1800	1400	1400	1400	500	0	0
.90	4400	3600	3600	3100	2900	2700	2500	2500	2100	1400	1000	700
.50	3900	3000	3000	2600	2500	2200	1900	1900	1700	700	200	0
.10	3500	2500	2500	2200	2100	1800	1400	1400	1300	300	0	0
.90	4400	3600	3600	3100	2900	2700	2500	2500	2100	1400	1200	800
.50	3900	3000	3000	2600	2500	2200	1900	1900	1700	800	200	100
.10	3500	2500	2500	2300	2200	1800	1400	1400	1300	300	0	0
.90	4500	4200	3600	3600	3100	3000	2800	2700	2500	2100	1700	1400
.50	4000	3700	3000	3000	2500	2400	2000	1900	1700	1000	600	200
.10	3600	3300	2500	2500	2200	2100	1600	1400	1400	500	0	0
.90	4400	4100	3600	3100	2900	2700	2500	2500	2100	1400	1000	700
.50	3900	3600	3000	2600	2500	2200	1900	1900	1700	800	200	0
.10	3500	3200	2500	2300	2200	1800	1400	1400	1300	500	0	0
.90	4400	4100	3600	3100	2900	2700	2500	2500	2100	1400	1000	700
.50	3900	3600	3000	2600	2500	2200	1900	1900	1700	800	200	0
.10	3500	4100	3600	3100	2900	2700	2500	2500	2200	1500	1200	800
.90	3900	3600	3000	2600	2500	2200	1900	1900	1700	800	300	100
.50	3500	3200	2500	2300	2200	1800	1400	1400	1400	500	0	0
.10	3100	3200	2500	2300	2200	1800	1400	1400	1400	500	0	0
.90	4500	4400	4200	3600	3100	3000	3000	2900	2500	2200	1900	1400
.50	4000	3900	3700	3000	2600	2400	2200	1900	1700	1100	700	400
.10	3600	3500	3300	2500	2200	2100	1800	1400	1400	600	0	0

TABLE 4. GORSE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.9	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6000	.90	4400	4200	3600	3600	3000	2800	2500	2500	2200	1400	1100	700
	.50	3900	3700	3000	3000	2500	2400	1900	1900	1700	800	200	100
	.10	3500	3300	2500	2500	2200	2100	1400	1400	1400	500	0	0
	.90	4400	4200	3600	3600	3000	2800	2500	2500	2200	1700	1300	900
	.50	3900	3700	3000	3000	2500	2400	1900	1900	1700	1000	300	100
	.10	3500	3300	2500	2500	2200	2100	1400	1400	1400	500	0	0
	.90	4600	4400	4200	3600	3100	3000	3000	3000	2500	2300	2000	1600
	.50	4100	3900	3700	3000	2500	2400	2200	1900	1900	1100	800	600
	.10	3700	3500	3300	2500	2200	2100	1800	1400	1400	700	0	0
6700	.90	4500	4200	3600	3600	3100	2800	2500	2500	2200	1500	1200	800
	.50	4000	3700	3000	3000	2500	2400	2000	1900	1700	1000	300	100
	.10	3600	3300	2500	2500	2200	2100	1500	1400	1400	500	0	0
	.90	4600	4600	4200	4200	3100	3000	3000	3000	2900	2300	2100	1900
	.50	4100	4100	3700	3700	2500	2500	2400	2000	1900	1100	1000	600
	.10	3700	3700	3300	3300	2300	2200	2100	1600	1400	700	0	0
5300	.90	4500	4400	4200	3600	3100	2800	2700	2500	2200	1600	1200	800
	.50	4000	3900	3700	3000	2500	2400	2200	1900	1700	1000	300	100
	.10	3600	3500	3300	2500	2200	2100	1800	1400	1400	500	0	0
	.90	4500	4400	4200	3600	3100	2800	2700	2500	2500	1900	1400	1100
	.50	4000	3900	3700	3000	2500	2400	2200	1900	1700	1000	400	100
	.10	3600	3600	3300	2500	2200	2100	1800	1400	1400	500	0	0
	.90	4500	4400	4200	3600	3100	2800	2700	2500	2500	1900	1400	1100
	.50	4000	3900	3700	3000	2500	2400	2200	1900	1700	1000	400	100
	.10	3600	3500	3300	2500	2200	2100	1800	1400	1400	700	0	0
	.90	4600	4600	4200	4200	3500	3000	3000	3000	2900	2500	2300	2000
	.50	4100	4100	3700	3700	3000	2500	2400	2200	1900	1100	1000	600
	.10	3700	3700	3300	3300	2500	2200	2100	1800	1400	800	0	0
6900	.90	4600	4400	4200	3600	3100	2800	2700	2500	2500	1700	1300	900
	.50	4100	3900	3700	3000	2500	2400	2200	1900	1900	1000	400	100
	.10	3700	3700	3300	2500	2200	2100	1800	1400	1400	700	0	0
	.90	4600	4400	4200	3600	3100	2800	2700	2500	2500	1700	1300	900
	.50	4100	3900	3700	3000	2500	2400	2200	1900	1900	1000	400	100
	.10	3700	3700	3300	2500	2200	2100	1800	1400	1400	700	0	0
	.90	4700	4700	4200	4200	3500	3100	3000	3000	3000	2500	2300	2100
	.50	4200	4200	3700	3700	3000	2600	2400	2200	1900	1200	1100	700
	.10	3800	3800	3300	2500	2200	2200	2100	1800	1400	800	100	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
7000	.90		4600	4600	4200	3100	2900	2800	2500	2500	1800	1300	1000
	.50		4100	4100	3700	2500	2500	2400	2000	1900	1000	400	100
	.10		3700	3700	3300	2300	2200	2100	1600	1400	700	0	0
	.90	.50	4600	4600	4200	3100	2900	2800	2500	2500	2100	1600	1300
	.50		4100	4100	3700	2500	2500	2400	2000	1900	1100	600	200
	.10		3700	3700	3300	2300	2200	2100	1600	1400	700	0	0
	.90	.10	5400	4700	4200	3600	3400	3100	3000	3000	2500	2300	2200
	.50		4900	4200	3700	3000	2500	2400	2200	1900	1500	1100	800
	.10		4500	3800	3300	2500	2200	2100	1800	1400	900	100	0



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	800	800	600	600	400	300	200	100	0	0	0	0
	.50	500	500	300	300	100	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	800	600	600	600	400	300	200	100	0	0	0	0
	.50	500	500	300	300	100	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	900	900	900	800	600	500	400	300	100	0	0	0
	.50	600	600	500	500	300	100	100	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
1900	.90	800	800	700	600	500	400	300	200	0	0	0	0
	.50	500	500	400	300	200	100	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	800	800	700	600	500	400	300	200	0	0	0	0
	.50	500	500	400	300	200	100	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1000	900	900	900	700	600	500	400	200	0	0	0
	.50	600	600	600	500	400	300	100	100	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	900	900	800	800	500	400	300	300	0	0	0	0
	.50	600	600	500	500	300	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	900	900	800	800	600	400	400	300	0	0	0	0
	.50	600	600	500	500	300	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1200	1000	900	900	800	600	500	500	200	0	0	0
	.50	800	600	600	600	500	300	200	100	0	0	0	0
	.10	300	200	200	200	100	0	0	0	0	0	0	0
	.90	900	900	900	800	700	500	400	300	0	0	0	0
	.50	600	600	600	500	400	200	100	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	900	900	900	800	700	600	400	300	0	0	0	0
	.50	600	600	600	500	400	300	200	100	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	1200	1200	1000	900	900	700	600	500	300	0	0	0
	.50	800	800	600	600	500	400	300	200	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH

SPAWNING INCUBATION		INCUBATION MONTH - JULY											
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2200	.90	900	900	900	900	800	600	500	400	0	0	0	0
	.50	600	600	600	600	500	300	100	100	0	0	0	0
	.10	200	200	200	200	100	0	0	0	0	0	0	0
	.90	1000	900	900	900	900	600	500	400	100	0	0	0
	.50	600	600	600	600	500	300	200	100	0	0	0	0
	.10	200	200	200	200	100	0	0	0	0	0	0	0
	.90	1300	1200	1000	900	900	800	700	600	300	0	0	0
	.50	900	800	600	600	500	500	300	300	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
2300	.90	1200	1000	900	900	800	700	600	500	100	0	0	0
	.50	800	600	600	600	500	300	300	100	0	0	0	0
	.10	400	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1000	900	900	800	700	600	500	100	0	0	0
	.50	800	600	600	600	500	300	300	100	0	0	0	0
	.10	400	200	200	200	100	0	0	0	0	0	0	0
	.90	1500	1200	1200	1000	900	800	800	700	400	100	0	0
	.50	900	900	800	600	500	500	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
2400	.90	1200	1200	900	900	900	800	600	600	100	0	0	0
	.50	800	800	600	600	500	400	300	200	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.50	800	800	600	600	500	500	300	300	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1500	1200	1200	1200	1000	900	800	800	500	200	0	0
	.50	1000	900	800	700	600	600	500	400	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
2500	.90	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.50	900	900	600	600	500	500	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.50	900	900	600	600	500	500	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1300	1200	1100	1000	900	800	700	600	300	0	0	0
	.50	900	900	700	600	600	500	400	300	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1500	1500	1200	1200	1100	900	900	800	500	300	0	0
	.50	1000	900	800	800	500	600	500	500	100	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING MUA - STEELHEAD: SPANNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING INCUBATION	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
q EXC.	EXC.											
2600 .90	.90	1300	1200	1000	900	800	800	700	300	0	0	0
	.50	900	800	600	500	500	500	300	0	0	0	0
	.10	500	300	200	200	100	0	0	0	0	0	0
	.90	1300	1200	1000	900	900	800	700	300	0	0	0
	.50	900	800	600	500	500	500	400	0	0	0	0
	.10	500	300	200	200	100	0	0	0	0	0	0
	.90	1500	1200	1200	1100	1000	900	900	600	300	100	0
	.50	1100	900	800	600	600	500	500	100	0	0	0
	.10	500	500	300	200	200	100	100	0	0	0	0
2700 .90	.90	1300	1200	1200	900	900	900	700	400	0	0	0
	.50	900	800	800	600	600	500	400	0	0	0	0
	.10	500	300	300	200	100	100	0	0	0	0	0
	.90	1400	1200	1200	1000	900	900	800	500	0	0	0
	.50	1000	900	800	600	600	500	500	100	0	0	0
	.10	500	300	300	200	100	100	0	0	0	0	0
	.90	1500	1200	1200	1200	1100	1000	900	700	400	200	0
	.50	1100	900	800	700	600	600	600	200	0	0	0
	.10	700	500	300	200	200	100	100	0	0	0	0
	.90	1400	1200	1200	1000	900	900	800	500	0	0	0
	.50	1000	900	800	600	600	500	500	100	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0
	.90	1400	1200	1200	1000	900	900	800	500	100	0	0
	.50	1000	900	800	500	600	500	500	100	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0
	.90	1500	1200	1200	1000	900	900	800	500	100	0	0
	.50	1000	900	800	500	600	500	500	100	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0
	.90	1900	1200	1200	1200	1100	1100	1000	800	500	300	0
	.50	1500	900	900	800	600	600	600	300	0	0	0
	.10	1000	500	400	300	200	200	100	0	0	0	0
	.90	1400	1200	1200	1000	900	900	800	500	100	0	0
	.50	1100	900	800	600	600	600	500	100	0	0	0
	.10	700	500	300	200	200	100	100	0	0	0	0
	.90	1500	1200	1200	1100	900	900	900	500	200	0	0
	.50	1100	900	800	700	600	600	500	200	0	0	0
	.10	700	500	300	200	200	100	100	0	0	0	0
	.90	2000	1900	1200	1200	1100	1100	1100	800	500	300	100
	.50	1600	1500	900	800	700	600	600	300	0	0	0
	.10	1100	1000	500	300	200	200	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3000	.90	1500	1200	1200	1200	1200	1000	900	900	600	200	0	0
	.50	1100	900	900	800	800	600	600	600	200	0	0	0
	.10	700	500	500	300	300	200	200	100	0	0	0	0
	.90	1500	1200	1200	1200	1200	1000	900	900	600	300	0	0
	.50	1100	900	900	800	800	600	600	600	300	0	0	0
	.10	700	500	500	300	300	200	200	100	0	0	0	0
	.90	2000	2000	1900	1500	1200	1200	1100	1100	900	600	300	200
	.50	1600	1600	1500	900	300	700	600	600	400	0	0	0
	.10	1100	1100	1000	500	300	200	200	200	0	0	0	0
3100	.90	1900	1200	1200	1200	1200	1000	900	900	600	200	0	0
	.50	1500	900	900	900	900	600	600	600	300	0	0	0
	.10	1000	500	500	500	300	200	200	100	0	0	0	0
	.90	1900	1200	1200	1200	1200	1000	1000	900	700	300	100	0
	.50	1500	900	900	900	800	600	600	600	300	0	0	0
	.10	1000	500	500	500	300	200	200	100	0	0	0	0
	.90	2000	2000	1900	1900	1200	1200	1100	1100	900	600	400	300
	.50	1600	1600	1500	1500	900	800	700	600	500	100	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
3200	.90	2000	1900	1200	1200	1200	1100	1000	900	700	300	0	0
	.50	1600	1500	900	900	800	700	600	600	300	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	2000	1900	1200	1200	1200	1100	1000	900	700	400	200	0
	.50	1600	1500	900	900	800	700	600	600	300	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	2000	2000	2000	1900	1500	1200	1200	1100	1000	700	500	300
	.50	1600	1600	1600	1500	900	800	700	600	500	100	0	0
	.10	1100	1100	1100	1000	500	300	200	200	0	0	0	0
	.90	2000	2000	1900	1600	1200	1200	1000	1000	700	400	100	0
	.50	1600	1600	1500	1300	900	800	600	600	400	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	2000	2000	1900	1600	1200	1200	1000	1000	800	500	200	0
	.50	1600	1600	1500	1300	900	800	600	600	400	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	2000	2000	2000	1900	1700	1200	1200	1200	1000	800	500	300
	.50	1600	1600	1600	1500	1300	900	800	700	500	100	0	0
	.10	1100	1100	1100	1000	900	500	300	300	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
3400	.90	2000	2000	1900	1900	1200	1200	1100	1000	800	500	200	0
	.50	1600	1600	1500	1500	900	800	700	600	500	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	2000	2000	1900	1900	1200	1200	1100	1000	800	500	300	100
	.50	1600	1600	1500	1500	900	800	700	600	500	100	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	2500	2400	2000	2000	1900	1500	1200	1200	1100	800	600	400
	.50	2000	2000	1600	1600	1500	900	800	800	500	100	0	0
	.10	1500	1500	1100	1100	1000	500	300	300	0	0	0	0
3500	.90	2000	2000	2000	1900	1200	1200	1200	1000	800	500	200	0
	.50	1600	1600	1600	1500	900	800	800	600	500	100	0	0
	.10	1100	1100	1100	1000	500	300	300	200	0	0	0	0
	.90	2000	2000	2000	1900	1600	1200	1200	1100	900	500	300	100
	.50	1600	1600	1600	1500	1300	900	800	600	500	100	0	0
	.10	1100	1100	1100	1000	500	500	300	200	0	0	0	0
	.90	2500	2400	2000	2000	1900	1700	1500	1200	1100	900	600	500
	.50	2000	2000	1600	1600	1500	1300	900	800	600	200	0	0
	.10	1500	1500	1100	1100	1000	700	500	300	100	0	0	0
	.90	2000	2000	2000	1900	1700	1200	1200	1100	900	500	300	0
	.50	1600	1600	1600	1500	1300	900	800	700	500	100	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
3600	.90	2000	2000	2000	1900	1700	1700	1500	1200	1100	900	600	500
	.50	1600	1600	1600	1500	1300	1300	900	800	600	200	0	0
	.10	1100	1100	1100	1000	1000	700	500	300	100	0	0	0
	.90	2000	2000	2000	1900	1700	1200	1200	1100	900	500	300	0
	.50	1600	1600	1600	1500	1300	900	800	700	500	100	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	2000	2000	2000	1900	1700	1200	1200	1100	900	600	400	200
	.50	1600	1600	1600	1500	1300	900	800	700	500	100	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	2600	2400	2400	2000	1900	1800	1600	1500	1100	900	700	500
	.50	2000	2000	2000	1600	1500	1300	1200	900	600	200	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	2400	2400	2000	2000	1900	1200	1200	1200	900	600	300	100
	.50	2000	2000	1600	1600	1500	900	900	800	500	100	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2400	2400	2000	2000	1900	1200	1200	1200	900	700	500	300
	.50	2000	2000	1600	1600	1500	900	900	800	600	100	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2600	2600	2400	2000	2000	1900	1800	1600	1100	1000	800	600
	.50	2000	2000	2000	1600	1500	1500	1300	900	600	300	100	0
	.10	1500	1500	1500	1100	1100	1100	1000	800	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MARCH INCUBATION MONTH - JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2400	2400	2000	2000	1900	1600	1200	1200	900	600	400	200
	.50	2000	2000	1600	1600	1500	1300	900	800	600	100	0	0
	.10	1500	1500	1100	1100	1000	900	500	300	100	0	0	0
	.90	2400	2400	2000	2000	1900	1600	1200	1200	1000	700	500	300
	.50	2000	2000	1600	1600	1500	1300	900	900	600	200	0	0
	.10	1500	1500	1100	1100	1000	900	500	400	100	0	0	0
	.90	2700	2700	2400	2400	2000	1900	1800	1700	1200	1000	800	600
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	100	0
	.10	1500	1500	1500	1500	1100	1000	900	500	200	0	0	0
3900	.90	2400	2400	2400	2000	1900	1700	1400	1200	1000	700	500	300
	.50	2000	2000	2000	1600	1500	1300	1100	900	600	200	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	2800	2800	2400	2400	2000	1900	1900	1800	1200	1100	900	700
	.50	2000	2000	2000	2000	1600	1500	1300	1300	700	400	100	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
4000	.90	2400	2400	2400	2000	2000	1900	1600	1200	1000	700	500	300
	.50	2000	2000	2000	1600	1600	1500	1300	900	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	700	500	100	0	0	0
	.90	2400	2400	2400	2000	2000	1900	1600	1500	1100	900	600	400
	.50	2000	2000	2000	1600	1600	1500	1300	1100	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	700	500	100	0	0	0
4100	.90	2900	2800	2400	2400	2100	1900	1900	1800	1400	1100	1000	800
	.50	2500	2000	2000	2000	1600	1500	1500	1300	800	500	200	0
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	2400	2400	2400	2400	2000	1900	1600	1600	1100	800	500	300
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	0	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2400	2400	2400	2400	2000	1900	1600	1600	1100	900	700	500
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	0	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2900	2900	2400	2400	2300	2000	1900	1900	1600	1100	1000	900
	.50	2500	2000	2000	2000	1700	1600	1500	1300	900	500	200	0
	.10	2000	1600	1500	1500	1200	1100	1000	900	300	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH -- MARCH INCUBATION MONTH -- JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2400	2400	2400	2400	2000	1900	1700	1600	1100	800	600	400
	.50	2000	2000	2000	2000	1500	1500	1300	1300	700	300	0	0
	.10	1600	1600	1500	1500	1100	1000	900	800	200	0	0	0
	.90	2400	2400	2400	2400	2000	1900	1700	1600	1200	1000	700	500
	.50	2000	2000	2000	2000	1600	1500	1300	1300	700	400	100	0
	.10	1600	1600	1500	1500	1100	1000	900	800	200	0	0	0
	.90	2900	2900	2700	2400	2400	2000	1900	1900	1600	1100	1100	900
	.50	2500	2000	2000	2000	2000	1600	1500	1300	900	500	200	100
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
4300	.90	2900	2400	2400	2400	2100	1900	1900	1600	1200	900	600	500
	.50	2500	2000	2000	2000	1700	1500	1500	1300	700	400	100	0
	.10	2000	1600	1500	1500	1200	1000	1000	900	300	0	0	0
	.90	3100	2900	2900	2400	2400	2100	2000	1900	1700	1200	1100	1000
	.50	2700	2000	2000	2000	2000	1600	1500	1500	900	600	200	100
	.10	2200	1600	1600	1500	1500	1100	1000	1000	400	0	0	0
4400	.90	2900	2400	2400	2400	2300	2000	1900	1700	1200	1000	700	500
	.50	2500	2000	2000	2000	2000	1600	1500	1300	800	500	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	300	0	0	0
	.90	2900	2400	2400	2400	2300	2000	1900	1700	1200	1000	800	600
	.50	2500	2000	2000	2000	2000	1600	1500	1300	900	500	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
4500	.90	2900	2400	2400	2400	2300	2000	1900	1700	1200	1000	800	600
	.50	2500	2000	2000	2000	2000	1600	1500	1300	900	500	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
	.90	3100	3000	3000	2400	2400	2300	2000	1900	1700	1200	1100	1000
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	300	100
	.10	2200	2000	1600	1600	1500	1200	1100	1000	400	0	0	0
	.90	2900	2400	2400	2400	2300	2000	1900	1800	1200	1000	800	600
	.50	2500	2000	2000	2000	2000	1600	1500	1400	900	500	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
	.90	2900	2400	2400	2400	2300	2000	1900	1900	1400	1100	900	700
	.50	2500	2000	2000	2000	2000	1600	1500	1500	900	500	200	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
	.90	3100	3000	3000	2600	2400	2400	2100	2000	1800	1400	1100	1000
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	300	200
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MARCH INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4500	.90	3100	2400	2400	2400	2400	2000	1900	1900	1200	1000	800	600
	.50	2700	2000	2000	2000	2000	1500	1500	1500	900	500	200	0
	.10	2200	1600	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	3100	2500	2400	2400	2400	2000	1900	1900	1600	1100	1000	800
	.50	2700	2000	2000	2000	2000	1600	1500	1500	900	600	200	0
	.10	2200	1600	1600	1600	1500	1100	1000	1000	400	0	0	0
	.90	3100	3100	3100	2900	2600	2400	2300	2000	1800	1600	1100	1100
	.50	2700	2500	2000	2000	2000	2000	1600	1500	1200	700	400	200
	.10	2200	2000	1600	1600	1500	1100	1000	1000	500	0	0	0
4700	.90	3100	2900	2400	2400	2400	2100	2000	1900	1600	1100	900	700
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	200	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3100	2900	2400	2400	2400	2100	2000	1900	1600	1100	1000	800
	.50	2700	2500	2000	2000	2000	1700	1500	1500	1200	600	200	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3100	3100	3100	2900	2600	2400	2400	2200	1900	1600	1200	1100
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	700	500	200
	.10	2200	2000	1600	1600	1500	1200	1200	1100	500	100	0	0
4800	.90	3100	2900	2400	2400	2400	2300	2000	1900	1600	1100	900	700
	.50	2700	2500	2000	2000	2000	2000	1600	1500	1200	600	200	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3100	2900	2400	2400	2400	2300	2000	1900	1600	1100	1000	900
	.50	2700	2500	2000	2000	2000	2000	1600	1500	1200	600	300	100
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3200	3200	3200	3200	2600	2500	2400	2300	1900	1700	1200	1100
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	800	500	200
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3100	2900	2400	2400	2400	2300	2000	1900	1600	1100	1000	800
	.50	2700	2500	2000	2000	2000	2000	1600	1500	1200	600	300	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3200	2900	2400	2400	2400	2300	2100	2000	1600	1200	1100	1000
	.50	2700	2500	2000	2000	2000	2000	1600	1500	1200	600	300	100
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3500	3200	3200	3200	2500	2600	2400	2400	1900	1700	1400	1100
	.50	3100	2500	2300	2000	2000	2000	1800	1600	1300	900	600	200
	.10	2400	2000	1800	1600	1600	1500	1200	1100	500	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MARCH INCUBATION MONTH - JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3100	2900	2400	2400	2400	2300	2100	2000	1600	1100	1000	800
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	600	300	0
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3100	2900	2700	2400	2400	2300	2100	2000	1700	1200	1100	1000
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	700	300	100
	.10	2200	2000	1600	1600	1600	1500	1200	1100	500	100	0	0
	.90	3500	3300	3300	3300	2500	2600	2500	2400	1900	1700	1600	1200
	.50	3100	2900	2500	2000	2000	2000	2000	1700	1300	900	600	200
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0
5100	.90	3100	2900	2400	2400	2400	2300	2100	2000	1600	1200	1000	900
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	700	300	100
	.10	2300	2000	1600	1600	1600	1500	1200	1100	500	100	0	0
	.90	3100	2900	2800	2400	2400	2300	2100	2000	1700	1200	1100	1000
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	700	400	200
	.10	2300	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3700	3300	3300	3300	2800	2600	2600	2500	1900	1800	1600	1200
	.50	3300	2900	2500	2400	2000	2000	2000	1700	1300	900	600	300
	.10	2500	2400	2000	1800	1600	1500	1500	1200	700	200	0	0
5200	.90	3300	3000	2700	2400	2400	2300	2300	2000	1600	1200	1100	1000
	.50	2900	2700	2300	2000	2000	2000	2000	1600	1200	700	400	100
	.10	2400	2300	1800	1600	1600	1500	1500	1100	700	200	0	0
	.90	3500	3000	2800	2500	2400	2400	2300	2100	1800	1400	1100	1000
	.50	3100	2700	2300	2000	2000	2000	2000	1600	1300	700	400	200
	.10	2400	2300	1800	1600	1600	1500	1500	1100	700	200	0	0
	.90	3800	3400	3400	3400	3000	2600	2600	2600	2000	1800	1700	1400
	.50	3400	2900	2700	2500	2300	2000	2000	2000	1300	900	600	300
	.10	2600	2400	2300	2000	1600	1600	1500	1500	900	300	0	0
5300	.90	3500	3300	2900	2400	2400	2400	2300	2100	1700	1200	1100	1000
	.50	3100	2900	2500	2000	2000	2000	2000	1700	1300	700	400	100
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0
	.90	3500	3300	2900	2900	2400	2400	2300	2100	1800	1600	1100	1100
	.50	3100	2900	2500	2000	2000	2000	2000	1700	1300	800	500	200
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0
	.90	3800	3400	3400	3400	3200	2800	2600	2600	2300	1800	1700	1600
	.50	3400	2900	2700	2500	2400	2000	2000	2000	1500	900	700	400
	.10	2600	2400	2300	2000	1600	1600	1600	1500	900	300	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH -- MARCH INCUBATION MONTH -- JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3500	3300	3000	2700	2400	2400	2300	2100	1700	1300	1100	1000
	.50	3100	2900	2700	2300	2000	2000	2000	1700	1300	800	400	200
	.10	2500	2400	2200	1800	1500	1500	1500	1200	700	200	0	0
	.90	3700	3300	3000	2900	2500	2400	2300	2300	1900	1600	1200	1100
	.50	3300	2900	2700	2500	2000	2000	2000	1800	1300	800	500	200
	.10	2500	2400	2200	2000	1500	1600	1500	1400	700	200	0	0
	.90	3900	3500	3500	3500	3400	3200	2800	2700	2400	1900	1700	1700
	.50	3500	3100	2900	2700	2400	2300	2000	2000	1500	1100	700	500
	.10	2700	2500	2400	2300	1500	1600	1600	1500	900	300	0	0
5500	.90	3700	3300	3000	2900	2400	2400	2300	2300	1800	1400	1100	1000
	.50	3300	2900	2700	2500	2000	2000	2000	2000	1300	800	500	200
	.10	2500	2400	2300	2000	1500	1600	1500	1500	900	300	0	0
	.90	3800	3300	3000	2900	2800	2400	2400	2300	1900	1600	1200	1100
	.50	3400	2900	2700	2500	2400	2000	2000	2000	1300	900	600	200
	.10	2600	2400	2300	2000	1600	1600	1500	1500	900	300	0	0
	.90	3900	3900	3500	3500	3400	3300	3200	2800	2500	1900	1800	1700
	.50	3500	3500	2900	2700	2400	2400	2000	2000	1600	1200	900	600
	.10	2700	2700	2400	2300	1800	1600	1600	1600	1000	400	0	0
5600	.90	3800	3300	3100	3000	2800	2400	2400	2300	1900	1600	1100	1000
	.50	3400	2900	2700	2700	2400	2000	2000	2000	1300	900	600	200
	.10	2600	2400	2300	2200	1500	1600	1600	1500	900	300	0	0
	.90	3800	3300	3100	3000	2800	2500	2400	2400	1900	1600	1200	1100
	.50	3400	2900	2800	2700	2400	2000	2000	2000	1300	900	600	200
	.10	2600	2400	2300	2200	1600	1600	1600	1500	900	300	0	0
	.90	3800	3300	3100	3000	2800	2500	2400	2400	1900	1600	1200	1100
	.50	3400	2900	2800	2700	2400	2000	2000	2000	1300	900	600	200
	.10	2600	2400	2300	2200	1600	1600	1600	1500	900	300	0	0
5700	.90	3800	3300	3300	3000	2800	2500	2400	2400	1900	1600	1100	1100
	.50	3400	2900	2900	2700	2400	2000	2000	2000	1400	900	600	200
	.10	2600	2500	2400	2300	1600	1600	1600	1500	900	300	0	0
	.90	3900	3500	3300	3000	2900	2800	2500	2400	1900	1700	1400	1100
	.50	3500	3100	2900	2700	2400	2400	2000	2000	1500	900	600	200
	.10	2700	2500	2400	2300	1500	1600	1600	1600	900	400	0	0
	.90	3800	3300	3300	3000	2800	2500	2400	2400	1900	1600	1100	1100
	.50	3400	2900	2900	2700	2400	2000	2000	2000	1400	900	600	200
	.10	2600	2500	2400	2300	1600	1600	1600	1500	900	300	0	0
	.90	3900	3500	3600	3500	3500	3400	3400	3200	2600	1900	1400	1100
	.50	3500	3100	2900	2700	2400	2400	2000	2000	1500	900	600	200
	.10	2700	2500	2400	2300	1500	1600	1600	1600	900	400	0	0
	.90	4100	3900	3600	3500	3500	3400	3400	3200	2600	2100	1900	1700
	.50	3700	3500	2900	2900	2500	2400	2400	2300	1800	1300	900	700
	.10	3200	2700	2400	2400	2000	1600	1600	1600	1100	400	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
5300	.90	3900	3500	3300	3000	2800	2800	2400	2400	1900	1600	1200	1100
	.50	3500	3100	2900	2700	2400	2400	2000	2000	1500	900	600	200
	.10	2700	2500	2400	2300	1800	1600	1600	1500	900	400	0	0
	.90	3900	3900	3300	3100	3000	2800	2700	2500	2000	1800	1600	1200
	.50	3500	3500	2900	2700	2400	2400	2000	2000	1500	900	600	300
5900	.10	2700	2700	2400	2300	1800	1600	1600	1600	1000	400	0	0
	.90	4200	3900	3600	3600	3600	3500	3400	3400	2800	2300	1900	1800
	.50	3800	3500	2900	2900	2700	2400	2400	2400	1900	1500	900	700
	.10	3300	2700	2500	2400	2300	1600	1600	1600	1200	400	0	0
	.90	3900	3900	3300	3100	2900	2800	2700	2400	2000	1600	1200	1100
6000	.50	3500	3500	2900	2800	2500	2400	2000	2000	1500	900	600	200
	.10	2700	2700	2400	2400	2000	1600	1600	1600	1000	400	0	0
	.90	4200	3900	3800	3700	3700	3500	3400	3400	2800	2400	1900	1800
	.50	3800	3500	3400	2900	2700	2400	2400	2400	2000	1500	900	800
	.10	3300	2700	2600	2400	2300	1600	1600	1600	1500	500	0	0
6100	.90	4100	3900	3300	3200	2900	2800	2800	2500	2000	1700	1200	1100
	.50	3700	3500	2900	2900	2500	2400	2400	2000	1500	1000	600	300
	.10	3200	2700	2400	2400	2000	1600	1600	1600	1000	400	0	0
	.90	4100	3900	3300	3300	3100	2800	2800	2800	2300	1800	1700	1200
	.50	3700	3500	2900	2900	2500	2400	2400	2300	1600	1100	700	400
6100	.10	3200	2700	2400	2400	2000	1600	1600	1600	1100	400	0	0
	.90	4200	3900	3900	3700	3700	3500	3500	3400	2800	2500	1900	1800
	.50	3800	3500	3500	2900	2700	2400	2400	2400	2000	1500	1000	900
	.10	3300	2700	2700	2400	2300	1600	1600	1600	1500	500	0	0
	.90	4200	3900	3300	3300	3000	2800	2800	2800	2100	1800	1400	1100
6100	.50	3800	3500	2900	2900	2700	2400	2400	2400	1600	1100	600	300
	.10	3300	2700	2400	2400	2300	1600	1600	1600	1100	400	0	0
	.90	4200	3900	3300	3300	3200	3000	2800	2800	2400	1900	1700	1400
	.50	3800	3500	2900	2900	2700	2400	2400	2400	1700	1200	700	500
	.10	3300	2700	2500	2400	2300	1600	1600	1600	1200	500	0	0
6100	.90	4600	3900	3900	3800	3800	3500	3500	3400	2800	2600	2000	1900
	.50	4200	3500	3500	2900	2800	2400	2400	2400	2000	1500	1100	900
	.10	3700	2700	2700	2500	2300	1800	1600	1600	1500	500	0	0
	.90	4600	3900	3900	3800	3800	3500	3500	3400	2800	2600	2000	1900
	.50	4200	3500	3500	2900	2800	2400	2400	2400	2000	1500	1100	900
6100	.10	3700	2700	2700	2500	2300	1800	1600	1600	1500	500	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD:  
 SPANNING MONTH - MARCH INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
6200	.90	4200	3900	3300	3300	3000	2800	2800	2800	2300	1800	1600	1200
	.50	3800	3500	2900	2900	2700	2400	2400	2400	1800	1100	700	400
	.10	3300	2700	2500	2400	2300	1600	1600	1600	1200	500	0	0
	.90	4200	3900	3800	3300	3300	2900	2800	2800	2400	1900	1800	1600
	.50	3800	3500	3400	2900	2700	2400	2400	2400	2000	1200	800	600
	.10	3300	2700	2600	2400	2300	1600	1600	1600	1500	500	0	0
	.90	4600	4300	3900	3800	3800	3500	3500	3500	3000	2600	2300	1900
	.50	4200	3900	3500	2900	2800	2500	2400	2400	2000	1500	1300	900
	.10	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0
6300	.90	4200	3900	3900	3300	3000	2900	2800	2800	2300	1800	1600	1200
	.50	3800	3500	3500	2900	2700	2400	2400	2400	2000	1200	700	400
	.10	3300	2700	2700	2400	2300	1800	1600	1600	1500	500	0	0
	.90	4200	3900	3900	3300	3300	3000	2800	2800	2500	1900	1800	1700
	.50	3800	3500	3500	2900	2700	2400	2400	2400	2000	1300	900	600
	.10	3300	2700	2700	2400	2300	1800	1600	1600	1500	500	0	0
	.90	4600	4400	3900	3900	3900	3900	3500	3500	3200	2600	2400	1900
	.50	4200	4000	3500	3500	2900	2500	2400	2400	2200	1600	1300	900
	.10	3700	3500	2700	2700	2400	2000	1600	1600	1600	700	0	0
6400	.90	4600	3900	3900	3300	3100	2900	2800	2800	2400	1900	1700	1200
	.50	4200	3500	3500	2900	2800	2500	2400	2400	2000	1200	700	500
	.10	3700	3900	3900	3300	3100	2900	2800	2800	2400	1500	500	0
	.90	4200	3500	3500	3400	3300	3000	2800	2800	2600	1900	1800	1700
	.50	4200	3500	3500	2900	2800	2500	2400	2400	2000	1300	900	600
	.10	3700	2700	2700	2500	2400	2000	1600	1600	1500	500	0	0
	.90	4700	4400	4200	4200	4000	3900	3900	3500	3200	2800	2500	2000
	.50	4300	4000	3500	3500	2900	2700	2500	2400	2200	1900	1500	900
	.10	3800	3500	2700	2700	2400	2300	1800	1600	1600	700	0	0
6500	.90	4600	4300	3900	3300	3100	3000	2800	2800	2400	1900	1700	1400
	.50	4200	3900	3500	2900	2800	2500	2400	2400	2000	1300	800	600
	.10	3700	3400	2700	2500	2400	2000	1600	1600	1500	700	0	0
	.90	4600	4300	3900	3400	3400	3200	2900	2800	2600	2000	1800	1700
	.50	4200	3900	3500	2900	2800	2500	2400	2400	2000	1300	900	700
	.10	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0
	.90	4200	3900	3500	2900	2800	2500	2400	2400	2000	1300	900	700
	.50	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0
	.10	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0
	.90	4700	4600	4400	4200	4200	4200	4000	4000	3500	2800	2600	2300
	.50	4300	4200	4000	3500	3500	2700	2500	2500	2000	1500	1500	1100
	.10	3800	3700	3400	2700	2400	2300	2000	2000	1600	800	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6500	.90	4600	4400	3900	3900	3200	3000	2900	2800	2500	1900	1800	1600
	.50	4200	4000	3500	3500	2900	2700	2400	2400	2000	1300	900	600
	.10	3700	3500	2700	2700	2400	2300	1600	1600	1600	700	0	0
	.90	4600	4400	3900	3900	3500	3300	3200	3000	2800	2300	1900	1800
	.50	4200	4000	3500	3500	2900	2700	2400	2400	2000	1500	900	700
	.10	3700	3500	2700	2700	2400	2300	1600	1600	1600	700	0	0
	.90	4800	4600	4400	4200	4200	4200	4200	4200	3500	3000	2600	2500
	.50	4400	4200	4000	3500	2900	2700	2500	2500	2400	2000	1500	1500
	.10	3900	3700	3500	2700	2400	2300	2000	1600	1600	900	100	0
6700	.90	4700	4400	3900	3900	3300	3100	2900	2800	2600	2000	1800	1700
	.50	4300	4000	3500	3500	2900	2700	2400	2400	2000	1400	900	600
	.10	3800	3500	2700	2700	2400	2300	1800	1600	1600	700	0	0
	.90	4700	4400	3900	3900	3500	3400	3300	3200	2800	2400	1900	1800
	.50	4300	4000	3500	3500	2900	2700	2400	2400	2000	1500	900	800
	.10	3800	3500	2700	2700	2400	2300	1800	1600	1600	700	0	0
	.90	4800	4600	4400	4400	4200	4200	4200	4200	3500	3200	2800	2600
	.50	4400	4200	4000	4000	2900	2800	2700	2500	2400	2000	1900	1500
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1600	900	200	0
6800	.90	4700	4500	4400	3900	3300	3100	3000	2800	2700	2000	1800	1700
	.50	4300	4200	4000	3500	2900	2700	2500	2400	2000	1500	900	600
	.10	3800	3700	3500	2700	2400	2300	2000	1600	1600	700	0	0
	.90	4700	4600	4400	3900	3500	3500	3400	3300	2800	2500	1900	1800
	.50	4300	4200	4000	3500	2900	2700	2500	2400	2300	1600	1100	900
	.10	3800	3700	3500	2700	2400	2400	2000	1600	1600	900	0	0
	.90	4700	4600	4400	4000	3500	3500	3400	3300	2800	2500	1900	1800
	.50	4300	4200	4000	3500	2900	2700	2500	2400	2300	1600	1100	900
	.10	3800	3700	3500	2700	2400	2400	2000	1600	1600	900	0	0
	.90	4700	4600	4400	4000	3500	3500	3400	3300	2800	2500	1900	1800
	.50	4300	4200	4000	3500	2900	2700	2500	2400	2300	1600	1100	900
	.10	3800	3700	3500	2700	2400	2400	2000	1600	1600	900	0	0
6900	.90	4800	4600	4400	3900	3300	3200	3000	2900	2800	2300	1900	1700
	.50	4400	4200	4000	3500	2900	2700	2500	2400	2300	1500	900	700
	.10	3900	3900	3500	2700	2400	2400	2000	1600	1600	900	0	0
	.90	4800	4600	4400	4000	3500	3500	3400	3300	2800	2500	1900	1800
	.50	4400	4200	4000	3500	2900	2700	2500	2400	2300	1500	900	700
	.10	3900	3700	3500	2700	2400	2400	2000	1600	1600	900	0	0
	.90	4800	4600	4400	3900	3300	3200	3000	2900	2800	2300	1900	1800
	.50	4400	4200	4000	3500	2900	2700	2500	2400	2300	1500	900	700
	.10	3900	3700	3500	2700	2400	2400	2000	1600	1600	900	0	0
	.90	4800	4600	4400	4000	3500	3500	3400	3300	2800	2600	2100	1900
	.50	4400	4200	4000	3500	2900	2700	2500	2400	2400	1700	1300	900
	.10	3900	3700	3500	2700	2400	2300	2000	1600	1600	900	100	0
	.90	4900	4900	4600	4400	4200	4200	4200	4200	4200	3500	3200	2800
	.50	4500	4500	4000	4000	3500	2900	2700	2500	2500	2400	1900	1800
	.10	4000	4000	3500	2700	2400	2400	2300	2000	1600	1000	300	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MARCH INCUBATION MONTH - JULY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000	.90	4800	4800	4400	4400	3400	3300	3000	2900	2800	2300	1900	1800
	.50	4400	4400	4000	4000	2900	2800	2700	2400	2400	1500	900	700
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1600	900	200	0
	.90	4800	4800	4400	4400	3600	3600	3500	3400	3000	2600	2300	1900
	.50	4400	4400	4000	4000	2900	2800	2700	2400	2400	1800	1400	900
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1600	900	200	0
	.90	5600	4900	4600	4600	4600	4400	4200	4200	4200	3500	3200	2800
	.50	5200	4500	4000	4000	3500	2900	2900	2800	2500	2400	2000	1900
	.10	4700	4000	3500	3500	2700	2400	2300	2000	1600	1100	300	0

.48.12.42LP, 3.925, , FBSM001, TH, 00



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH - APRIL INCUBATION MONTH - MAY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.	EXC.
1800	.90	700	700	500	500	300	200	100	0	0	0	0	0
	.50	400	400	200	200	0	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	700	700	600	500	400	300	200	100	0	0	0	0
	.50	400	400	300	200	100	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	900	800	800	800	600	500	400	300	0	0	0	0
	.50	500	500	500	400	300	200	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
1900	.90	700	700	600	500	400	300	200	100	0	0	0	0
	.50	400	400	300	200	100	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	800	800	700	700	500	300	300	200	0	0	0	0
	.50	500	500	400	400	200	0	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1100	900	800	800	700	500	400	400	0	0	0	0
	.50	800	500	500	500	400	200	100	0	0	0	0	0
	.10	300	200	200	200	100	0	0	0	0	0	0	0
2000	.90	800	800	700	700	500	300	300	200	0	0	0	0
	.50	500	500	400	400	200	0	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	800	800	800	700	600	500	300	200	0	0	0	0
	.50	500	500	500	400	300	200	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	1100	1100	900	800	800	600	500	500	100	0	0	0
	.50	800	800	500	500	400	300	200	100	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
2100	.90	800	800	800	700	600	500	300	200	0	0	0	0
	.50	500	500	500	400	300	200	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	900	800	800	800	700	500	400	300	0	0	0	0
	.50	500	500	500	400	300	200	0	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	1200	1100	1000	900	800	700	600	600	200	0	0	0
	.50	800	800	600	500	500	400	200	200	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - APRIL INCUBATION MONTH - MAY

SPawning 2 EXC.	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2200	.90	900	800	800	800	700	500	400	300	0	0	0	0
	.50	500	500	500	500	400	200	100	0	0	0	0	0
	.10	200	200	200	200	100	0	0	0	0	0	0	0
	.90	1100	900	800	800	700	600	500	400	0	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0	0
	.10	400	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1100	1100	900	300	800	700	600	300	0	0	0
	.50	800	800	800	500	500	400	300	200	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
2300	.90	1100	900	800	800	700	600	500	400	0	0	0	0
	.50	800	500	500	500	400	300	200	0	0	0	0	0
	.10	400	200	200	200	100	0	0	0	0	0	0	0
	.90	1100	1100	900	800	800	700	600	500	100	0	0	0
	.50	800	800	500	500	500	400	200	200	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1300	1100	1100	1100	900	800	700	700	400	0	0	0
	.50	900	800	800	600	500	500	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
2400	.90	1100	1100	900	800	800	700	600	500	100	0	0	0
	.50	800	800	500	500	500	400	200	200	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1200	1100	1000	900	800	700	600	500	100	0	0	0
	.50	800	800	600	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1300	1100	1100	1100	900	800	800	700	500	100	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	300	300	200	100	0	0	0	0	0	0
2500	.90	1200	1100	1000	900	800	700	600	500	100	0	0	0
	.50	800	800	600	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1200	1100	1100	900	800	700	600	500	100	0	0	0
	.50	800	800	600	500	500	400	300	200	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1400	1100	1100	900	800	700	600	500	200	0	0	0
	.50	800	800	800	600	500	400	300	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1000	800	800	800	600	500	400	300	100	0	0	0
	.50	500	500	500	300	200	100	0	0	0	0	0	0
	.10	200	200	200	100	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1200	1100	1100	900	300	800	700	600	200	0	0	0
	.50	800	800	800	600	500	400	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1300	1100	1100	1100	300	800	700	700	300	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	1400	1100	1100	1100	1100	900	800	800	600	200	0	0
	.50	1000	800	800	800	600	500	500	500	100	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
2700	.90	1300	1100	1100	1100	900	800	700	700	300	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	500	300	200	200	100	100	0	0	0	0
	.90	1800	1100	1100	1100	1100	900	900	800	600	300	0	0
	.50	1500	800	800	800	300	500	500	500	200	0	0	0
	.10	1000	500	500	500	300	200	200	100	0	0	0	0
2900	.90	1300	1100	1100	1100	900	800	800	700	400	0	0	0
	.50	900	800	800	800	500	500	400	400	0	0	0	0
	.10	500	500	500	300	200	200	100	100	0	0	0	0
	.90	1400	1100	1100	1100	1000	900	800	800	400	0	0	0
	.50	1000	800	800	800	500	500	500	400	100	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
	.90	1900	1800	1100	1100	1100	1000	900	800	600	400	100	0
	.50	1600	1500	800	800	800	600	500	500	200	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
2900	.90	1400	1100	1100	1100	1900	800	800	800	400	0	0	0
	.50	1000	800	800	800	500	500	500	400	100	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
	.90	1400	1100	1100	1100	1100	900	800	800	500	100	0	0
	.50	1000	800	800	800	800	500	500	500	200	0	0	0
	.10	700	500	500	300	300	200	200	100	0	0	0	0
	.90	1900	1900	1800	1300	1100	1100	900	900	700	500	200	0
	.50	1600	1600	1500	800	800	600	500	500	300	0	0	0
	.10	1100	1100	1000	500	300	200	200	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
3000	.90	1400	1100	1100	1100	1100	900	800	800	500	0	0	0
	.50	1000	800	800	800	800	500	500	500	200	0	0	0
	.10	700	500	500	300	300	200	200	100	0	0	0	0
	.90	1800	1100	1100	1100	1100	900	800	800	600	200	0	0
	.50	1500	800	800	800	800	600	500	500	200	0	0	0
	.10	1000	500	500	300	300	200	200	100	0	0	0	0
	.90	1900	1900	1800	1800	1100	1100	1000	900	700	500	300	0
	.50	1600	1600	1500	1500	800	800	600	500	400	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
3100	.90	1800	1100	1100	1100	1100	900	800	800	600	100	0	0
	.50	1500	800	800	800	800	600	500	500	200	0	0	0
	.10	1000	500	500	300	300	200	200	100	0	0	0	0
	.90	1900	1800	1100	1100	1100	1000	900	800	600	300	0	0
	.50	1600	1500	800	800	800	600	500	500	200	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	2100	1900	1900	1800	1300	1100	1100	1000	800	600	400	100
	.50	1600	1600	1600	1500	800	800	600	600	400	0	0	0
	.10	1100	1100	1100	1000	500	300	200	200	0	0	0	0
3200	.90	1900	1800	1100	1100	1100	1000	900	800	600	200	0	0
	.50	1600	1500	800	800	300	600	500	500	200	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	1900	1900	1800	1500	1100	1100	900	900	700	400	0	0
	.50	1600	1600	1500	1200	800	800	600	500	300	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	2100	1900	1900	1800	1500	1200	1100	1100	800	600	400	200
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
3300	.90	1900	1900	1800	1500	1100	1100	900	900	600	300	0	0
	.50	1600	1600	1500	1200	800	800	600	500	300	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	1900	1900	1800	1800	1500	1100	900	900	600	300	0	0
	.50	1600	1600	1500	1200	800	800	600	500	300	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	1900	1900	1800	1800	1100	1100	1000	900	700	400	100	0
	.50	1600	1600	1500	1500	800	800	600	500	400	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	2300	2300	1900	1900	1800	1300	1100	1100	800	600	500	300
	.50	2000	2000	1600	1600	1500	800	800	800	500	0	0	0
	.10	1500	1500	1100	1100	1000	500	300	300	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	1900	1900	1800	1800	1100	1100	1000	900	700	400	0	0
	.50	1600	1600	1500	1500	800	800	600	500	400	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	1900	1900	1900	1800	1500	1100	1100	900	800	400	200	0
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	500	500	300	200	0	0	0	0
	.90	2300	2300	1900	1900	1800	1500	1300	1100	900	700	600	400
	.50	2000	2000	1600	1600	1500	1200	800	800	500	100	0	0
	.10	1500	1500	1100	1100	1000	700	500	300	100	0	0	0
3500	.90	1900	1900	1900	1800	1500	1100	1100	900	700	400	100	0
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	500	500	300	200	0	0	0	0
	.90	1900	1900	1900	1800	1500	1100	1100	1000	800	500	200	0
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	2300	2300	2300	1900	1800	1600	1500	1300	900	700	600	400
	.50	2000	2000	2000	1600	1500	1200	1100	800	500	200	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
3600	.90	1900	1900	1900	1800	1500	1100	1100	1000	800	400	100	0
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	2300	2300	1900	1900	1800	1600	1500	1300	900	700	600	400
	.50	2000	2000	2000	1600	1500	1200	1100	800	500	200	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	1900	1900	1900	1800	1500	1100	1100	1000	800	400	100	0
	.50	1600	1600	1600	1500	1200	800	800	600	400	0	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	2300	2300	1900	1900	1800	1600	1500	1100	800	600	300	100
	.50	2000	2000	2000	1600	1500	1200	800	800	500	0	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2400	2400	2300	2300	1900	1800	1500	1500	1000	800	600	500
	.50	2000	2000	2000	1600	1500	1500	1200	1000	500	200	0	0
	.10	1500	1500	1500	1100	1100	1000	600	500	100	0	0	0
	.90	2300	2300	1900	1900	1800	1100	1100	1100	800	500	200	0
	.50	2000	2000	2000	1600	1500	800	800	800	500	0	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2300	2300	1900	1900	1800	1500	1100	1100	800	600	400	100
	.50	2000	2000	2000	1600	1500	1200	800	800	500	100	0	0
	.10	1500	1500	1100	1100	1000	900	500	500	100	0	0	0
	.90	2400	2400	2300	2300	1900	1800	1600	1500	1100	800	600	500
	.50	2000	2000	2000	2000	1500	1500	1200	1100	600	200	0	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	2000	2000	2000	2000	1500	1500	1200	1100	800	200	0	0
	.50	1500	1500	1500	1100	1100	1000	900	500	200	0	0	0
	.10	1000	1000	1000	900	500	500	300	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2300	2300	1900	1900	1800	1500	1100	1100	800	600	300	0
	.50	2000	2000	1600	1600	1500	1200	800	800	500	100	0	0
	.10	1500	1500	1100	1100	1000	900	500	500	100	0	0	0
	.90	2300	2300	2300	1900	1800	1600	1500	1100	900	600	400	200
	.50	2000	2000	2000	1600	1500	1200	1100	800	500	100	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	2500	2500	2300	2300	1900	1800	1300	1500	1100	800	600	600
	.50	2000	2000	2000	2000	1600	1500	1200	1200	600	300	0	0
	.10	1600	1500	1500	1500	1100	1000	900	600	200	0	0	0
3900	.90	2300	2300	2300	1900	1800	1600	1500	1100	900	600	300	100
	.50	2000	2000	2000	1600	1500	1200	1100	800	500	100	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	2300	2300	2300	1900	1900	1800	1500	1300	900	700	500	300
	.50	2000	2000	2000	1600	1500	1500	1200	1000	500	200	0	0
	.10	1500	1500	1500	1100	1100	1000	700	500	100	0	0	0
	.90	2800	2500	2300	2300	2000	1800	1800	1600	1300	900	700	600
	.50	2500	2000	2000	2000	1500	1500	1500	1200	800	400	100	0
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
4000	.90	2300	2300	2300	1900	1900	1800	1500	1300	900	600	400	100
	.50	2000	2000	2000	1600	1600	1500	1200	1000	500	200	0	0
	.10	1500	1500	1500	1100	1100	1000	700	500	100	0	0	0
	.90	2300	2300	2300	2300	1900	1800	1500	1500	900	700	600	300
	.50	2000	2000	2000	2000	1600	1500	1200	1100	600	200	0	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2800	2500	2500	2300	2200	1900	1800	1600	1300	900	800	600
	.50	2500	2000	2000	2000	1700	1600	1500	1200	800	400	100	0
	.10	2000	1600	1500	1500	1200	1100	1000	900	300	0	0	0
4100	.90	2300	2300	2300	2300	1900	1800	1500	1500	900	700	400	200
	.50	2000	2000	2000	2000	1500	1500	1200	1100	600	200	0	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2300	2300	2300	2300	1900	1800	1500	1500	900	700	400	200
	.50	2000	2000	2000	2000	1500	1500	1200	1100	600	200	0	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2300	2300	2300	2300	1900	1800	1600	1500	1100	800	600	400
	.50	2000	2000	2000	2000	1500	1500	1300	1200	600	300	0	0
	.10	1600	1600	1500	1500	1100	1000	900	800	200	0	0	0
	.90	2800	2600	2600	2300	2300	1900	1800	1800	1500	1000	800	600
	.50	2500	2000	2000	2000	1900	1600	1500	1300	800	500	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING MUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2300	2300	2300	2300	1900	1800	1600	1500	1000	700	500	300
	.50	2000	2000	2000	2000	1500	1500	1300	1200	600	300	0	0
	.10	1500	1600	1500	1500	1100	1000	900	800	200	0	0	0
	.90	2800	2300	2300	2300	2000	1800	1800	1500	1100	800	600	500
	.50	2500	2000	2000	2000	1700	1500	1500	1200	800	400	0	0
	.10	2000	1600	1500	1500	1200	1000	1000	900	300	0	0	0
	.90	3000	2600	2600	2300	2300	2200	1900	1800	1500	1100	900	700
	.50	2700	2000	2000	2000	2000	1600	1500	1500	900	500	200	0
	.10	2200	1600	1600	1500	1500	1100	1000	1000	500	0	0	0
4300	.90	2800	2300	2300	2300	2000	1800	1800	1500	1100	800	600	300
	.50	2500	2000	2000	2000	1700	1500	1500	1200	800	300	0	0
	.10	2000	1600	1500	1500	1200	1000	1000	900	300	0	0	0
	.90	2800	2300	2300	2300	2200	1900	1800	1600	1100	800	600	500
	.50	2500	2000	2000	2000	1900	1600	1500	1200	800	400	0	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
	.90	3000	2800	2700	2300	2300	2200	2000	1900	1500	1300	900	700
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1100	500	200	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
4400	.90	2800	2300	2300	2300	2200	1900	1800	1600	1100	800	600	400
	.50	2500	2000	2000	2000	1900	1600	1500	1200	800	400	0	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
	.90	2800	2300	2300	2300	2200	1900	1800	1600	1300	900	700	500
	.50	2500	2000	2000	2000	1900	1600	1500	1200	800	400	0	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
	.90	2800	2300	2300	2300	2200	1900	1800	1600	1300	900	700	500
	.50	2500	2000	2000	2000	1900	1600	1500	1400	800	400	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
	.90	3000	2800	2700	2700	2300	2200	2200	2000	1500	1300	900	800
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1100	600	300	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
4500	.90	2800	2300	2300	2300	2200	1900	1800	1600	1100	800	600	500
	.50	2500	2000	2000	2000	1900	1600	1500	1400	800	400	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	500	0	0	0
	.90	3000	2600	2600	2300	2300	2000	1800	1800	1500	900	700	600
	.50	2700	2000	2000	2000	2000	1600	1500	1500	800	500	100	0
	.10	2200	1600	1600	1600	1500	1100	1000	1000	500	0	0	0
	.90	3000	2800	2800	2800	2300	2200	2200	2200	1500	1300	1100	900
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	600	300	100
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING Q	INCUBATION EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
4600	.90	3000	2300	2300	2300	2300	1900	1800	1800	1300	900	600	500
	.50	2700	2000	2000	2000	2000	1600	1500	1500	800	500	100	0
	.10	2200	1600	1600	1600	1500	1100	1000	1000	500	0	0	0
	.90	3000	2800	2300	2300	2300	2000	1900	1800	1500	900	800	600
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1100	500	100	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3000	2800	2800	2800	2300	2300	2200	2200	1600	1300	1100	900
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	800	400	100
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
4700	.90	3000	2800	2300	2300	2300	2000	1900	1800	1500	900	700	600
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1100	500	100	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3000	2800	2300	2300	2300	2200	1900	1800	1500	1100	800	600
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	500	200	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3000	2900	2900	2900	2300	2300	2200	2200	1600	1500	1300	900
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1200	800	500	100
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3000	2800	2300	2300	2300	2200	1900	1800	1500	900	700	600
	.50	2700	2500	2000	2000	2000	2000	1900	1800	1500	900	700	600
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	500	200	0
	.90	3000	2800	2400	2300	2300	2200	2000	1900	1500	1100	800	700
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	600	200	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3400	2900	2900	2900	2300	2300	2200	2200	1800	1500	1300	1100
	.50	3000	2500	2300	2000	2000	1900	1700	1600	1200	800	500	100
	.10	2400	2000	1800	1600	1500	1500	1300	1100	600	200	0	0
	.90	3000	2800	2300	2300	2300	2200	1900	1800	1500	1000	800	600
	.50	2700	2500	2000	2000	2000	1900	1600	1500	1100	500	200	0
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3000	2800	2500	2300	2300	2200	2000	1900	1500	1100	900	700
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1100	600	300	0
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3400	3200	3000	3000	2800	2300	2200	2200	1800	1500	1300	1100
	.50	3000	2900	2500	2000	2000	2000	1900	1700	1200	800	500	200
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5000	.90	3000	2800	2300	2300	2300	2200	2000	1900	1500	1100	800	600
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	600	200	0
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3000	2800	2500	2300	2300	2200	2200	1900	1500	1300	900	700
	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	600	300	0
	.10	2300	2000	1600	1600	1500	1500	1200	1100	600	200	0	0
	.90	3600	3200	3000	3000	2800	2300	2300	2200	1900	1500	1300	1300
	.50	3200	2900	2500	2300	2000	2000	1900	1700	1200	800	500	200
	.10	2600	2400	2000	1800	1500	1500	1500	1200	800	300	0	0
	.90	3000	2800	2300	2300	2300	2200	2000	1900	1500	1100	800	600
5100	.50	2700	2500	2000	2000	2000	1900	1700	1600	1100	600	300	0
	.10	2300	2000	1600	1600	1500	1500	1200	1100	600	100	0	0
	.90	3400	2900	2600	2500	2300	2300	2200	2000	1500	1300	900	800
	.50	3000	2600	2300	2000	2000	1900	1900	1600	1200	600	400	100
	.10	2400	2300	1800	1600	1500	1500	1500	1100	700	200	0	0
	.90	3700	3200	3100	3100	3000	2800	2600	2300	2200	1500	1300	1300
	.50	3300	2900	2600	2500	2300	2000	1900	1900	1400	800	600	300
	.10	2700	2400	2300	2000	1700	1600	1600	1500	900	300	0	0
	.90	3400	2900	2600	2300	2300	2200	2200	2000	1500	1100	900	700
	.50	3000	2600	2300	2000	2000	1900	1900	1600	1200	600	300	0
5200	.10	2400	2300	1800	1600	1500	1500	1500	1100	700	200	0	0
	.90	3400	3200	2800	2600	2300	2300	2200	2000	1600	1300	1000	800
	.50	3000	2900	2500	2000	2000	2000	1900	1700	1200	800	400	100
	.10	2400	2400	2000	1600	1600	1500	1500	1200	700	200	0	0
	.90	3700	3200	3100	3100	3100	3000	2800	2700	2200	1600	1400	1300
	.50	3300	2900	2700	2500	2300	2000	2000	1900	1500	1000	700	500
	.10	2700	2400	2300	2000	1700	1600	1600	1500	900	300	0	0
	.90	3400	3200	2800	2400	2300	2300	2200	2000	1500	1100	900	700
	.50	3000	2900	2500	2000	2000	2000	1900	1700	1200	700	400	0
	.10	2400	2400	2000	1600	1600	1500	1500	1200	700	200	0	0
5300	.90	3600	3200	2900	2800	2300	2300	2200	2200	1600	1300	1100	900
	.50	3200	2900	2600	2500	2000	2000	1900	1700	1200	800	500	100
	.10	2600	2400	2200	2000	1500	1600	1500	1400	800	300	0	0
	.90	3800	3400	3200	3100	3100	3000	3000	2800	2200	1700	1500	1300
	.50	3400	3000	2900	2600	2300	2300	2000	2000	1600	1100	800	500
	.10	2800	2500	2400	2300	1700	1700	1700	1600	900	400	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	.90	3600	3200	2900	2800	2300	2200	2200	1600	1300	900	800
	.50	.50	3200	2900	2600	2500	2000	1900	1700	1200	800	400	100
	.10	.10	2600	2400	2200	2000	1600	1500	1400	800	300	0	0
	.90	.90	3700	3200	2900	2800	2300	2300	2200	1800	1400	1100	900
	.50	.50	3300	2900	2600	2500	2000	1900	1900	1200	800	500	100
	.10	.10	2700	2400	2300	2000	1600	1500	1500	900	300	0	0
	.90	.90	3800	3800	3200	3200	3000	3000	3000	2300	1800	1500	1300
	.50	.50	3400	3400	2900	2600	2300	2000	2000	1600	1200	800	600
	.10	.10	2800	2800	2400	2300	1800	1600	1600	1000	500	0	0
5500	.90	.90	3700	3200	2900	2800	2700	2300	2200	1600	1300	900	800
	.50	.50	3300	2900	2600	2500	2300	1900	1900	1200	800	500	100
	.10	.10	2700	2400	2300	2000	1600	1500	1500	900	300	0	0
	.90	.90	3700	3200	3000	2900	2700	2300	2200	1800	1500	1300	900
	.50	.50	3300	2900	2700	2600	2000	2000	1900	1300	800	500	100
	.10	.10	2700	2400	2400	2200	1600	1600	1500	900	300	0	0
	.90	.90	3800	3800	3200	3200	3000	3000	3000	2700	2200	1500	1400
	.50	.50	3400	3400	2900	2700	2300	2300	2000	1700	1300	800	600
	.10	.10	2800	2800	2400	2400	2000	1700	1600	1000	500	0	0
5600	.90	.90	3700	3200	3000	2900	2700	2300	2200	1700	1300	1000	800
	.50	.50	3300	2900	2700	2600	2000	2000	1900	1300	800	500	100
	.10	.10	2700	2400	2400	2200	1600	1600	1500	900	300	0	0
	.90	.90	3800	3800	3200	3200	3000	3000	3000	2700	2200	1500	1400
	.50	.50	3400	3400	2900	2700	2300	2300	2000	1700	1300	800	600
	.10	.10	2800	2800	2400	2400	2000	1700	1600	1000	500	0	0
5700	.90	.90	3700	3200	3000	2900	2700	2300	2200	1700	1300	1000	800
	.50	.50	3300	2900	2700	2600	2000	2000	1900	1300	800	500	100
	.10	.10	2700	2400	2400	2200	1600	1600	1500	900	300	0	0
	.90	.90	3800	3400	3200	2900	2700	2300	2300	1900	1500	1300	1000
	.50	.50	3400	3000	2900	2600	2300	2000	2000	1400	800	500	200
	.10	.10	2800	2500	2400	2300	1700	1600	1600	900	500	0	0
	.90	.90	4000	3800	3300	3300	3000	3000	3000	2700	2200	1600	1500
	.50	.50	3700	3400	2900	2900	2300	2300	2300	1700	1400	800	700
	.10	.10	3200	2800	2400	2400	2000	1700	1700	1100	500	0	0
	.90	.90	3800	3400	3200	2900	2700	2300	2300	1800	1500	1100	900
	.50	.50	3400	3000	2900	2600	2300	2000	2000	1400	800	500	100
	.10	.10	2800	2500	2400	2300	1700	1600	1600	900	500	0	0
	.90	.90	3800	3800	3200	3000	2800	2700	2300	2000	1500	1300	1100
	.50	.50	3400	3400	2900	2700	2300	2000	2000	1500	900	600	300
	.10	.10	2800	2800	2400	2300	1800	1600	1600	1000	500	0	0
	.90	.90	4100	3800	3300	3300	3000	3000	3000	2700	2200	1700	1500
	.50	.50	3800	3400	2900	2900	2600	2300	2300	1900	1400	900	800
	.10	.10	3300	2800	2500	2400	1700	1700	1700	1200	500	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING #JUA -- STEELHEAD: SPAWNING MONTH -- APRIL INCUBATION MONTH -- MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5800	.90	3800	3800	3200	3000	2700	2700	2600	2300	1800	1500	1100	900
	.50	3400	3400	2900	2700	2300	2300	2000	2000	1500	800	500	100
	.10	2800	2800	2400	2300	1800	1700	1600	1600	1000	500	0	0
	.90	3800	3800	3200	3100	2900	2700	2700	2400	2200	1500	1300	1200
	.50	3400	3400	2900	2800	2500	2300	2300	2000	1500	1000	600	300
	.10	2800	2800	2400	2400	2000	1700	1700	1600	1000	500	0	0
	.90	4100	3800	3700	3400	3400	3200	3000	3000	2800	2200	1800	1500
	.50	3800	3400	3300	2900	2600	2300	2300	2300	1900	1400	1000	800
	.10	3300	2800	2700	2400	2300	1700	1700	1700	1500	500	0	0
5900	.90	3800	3800	3200	3100	2300	2700	2700	2300	2000	1500	1300	900
	.50	3400	3400	2900	2800	2500	2300	2300	2000	1500	900	500	200
	.10	2800	2800	2400	2400	2000	1700	1700	1600	1000	500	0	0
	.90	4000	3800	3200	3200	2900	2700	2700	2700	2200	1600	1300	1300
	.50	3700	3400	2900	2900	2500	2300	2300	2300	1600	1000	600	400
	.10	3200	2800	2400	2400	2000	1700	1700	1700	1100	500	0	0
	.90	4100	3800	3800	3400	3400	3200	3000	3000	2800	2200	2200	1600
	.50	3800	3400	3400	2900	2500	2300	2300	2300	1900	1500	1100	800
	.10	3300	2800	2800	2400	2300	1700	1700	1700	1500	500	0	0
6000	.90	4000	3800	3200	3200	2300	2700	2700	2700	2200	1500	1300	900
	.50	3700	3400	2900	2900	2500	2300	2300	2300	1600	1000	500	300
	.10	3200	2800	2400	2400	2000	1700	1700	1700	1100	500	0	0
	.90	4100	3800	3200	3200	3000	2800	2700	2700	2200	1500	1400	1300
	.50	3800	3400	2900	2900	2500	2300	2300	2300	1700	1100	700	500
	.10	3300	2800	2500	2400	2300	1700	1700	1700	1200	500	0	0
	.90	4500	3800	3800	3500	3500	3400	3000	3000	2800	2300	2200	1600
	.50	4200	3400	3400	2900	2700	2300	2300	2300	2000	1600	1200	800
	.10	3700	2800	2800	2500	2400	1800	1700	1700	1500	600	100	0
6100	.90	4100	3800	3200	3200	2900	2700	2700	2700	2200	1500	1300	1100
	.50	3800	3400	2900	2900	2600	2300	2300	2300	1700	1100	600	300
	.10	3300	2800	2500	2400	2300	1700	1700	1700	1200	500	0	0
	.90	4500	3800	3700	3200	3000	2900	2700	2700	2200	1800	1500	1300
	.50	4100	3400	3300	2900	2600	2300	2300	2300	1900	1200	800	500
	.10	3300	2800	2700	2400	2300	1700	1700	1700	1500	500	0	0
	.90	4500	4200	3800	3800	3800	3500	3300	3000	2900	2700	2200	1800
	.50	4200	3900	3400	2900	2700	2500	2400	2300	2100	1700	1400	800
	.10	3700	3400	2800	2500	2400	2000	1700	1700	1600	700	200	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPANING MONTH - APRIL

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4100	3800	3700	3200	2900	2800	2700	2700	2200	1600	1300	1100
	.50	3800	3400	3300	2900	2600	2300	2300	2300	1900	1100	600	400
	.10	3300	2800	2700	2400	2300	1700	1700	1700	1500	500	0	0
	.90	4100	3800	3800	3200	3100	3000	2900	2800	2300	1800	1500	1300
	.50	3800	3400	3400	2900	2500	2300	2300	2300	1900	1200	800	500
	.10	3300	2800	2800	2400	2300	1800	1700	1700	1500	500	0	0
	.90	4500	4300	3800	3800	3300	3800	3600	3600	3000	2700	2200	2200
	.50	4200	4000	3400	3400	2800	2500	2400	2400	2300	1700	1400	1100
	.10	3700	3500	2900	2800	2400	2000	1700	1700	1600	700	300	0
6300	.90	4100	3800	3800	3200	2900	2800	2700	2700	2200	1600	1400	1300
	.50	3800	3400	3400	2900	2600	2300	2300	2300	1900	1100	700	500
	.10	3300	2800	2800	2400	2300	1800	1700	1700	1500	500	0	0
	.90	4500	3800	3800	3200	3100	3000	3000	2900	2700	2200	1500	1300
	.50	4200	3400	3400	2900	2700	2500	2300	2300	1900	1400	800	600
	.10	3700	2800	2800	2500	2400	2000	1700	1700	1500	600	0	0
	.90	4600	4300	3800	3800	3300	3800	3800	3800	3000	2800	2300	2200
	.50	4300	4000	3400	3400	2900	2600	2400	2400	2300	1900	1600	1400
	.10	3800	3500	2800	2800	2400	2300	1800	1700	1600	800	400	0
6400	.90	4500	3800	3800	3200	3000	2900	2700	2700	2300	1700	1400	1300
	.50	4200	3400	3400	2900	2700	2500	2300	2300	1900	1200	800	500
	.10	3700	2800	2800	2500	2400	2000	1700	1700	1500	600	0	0
	.90	4500	4200	3800	3200	3100	3000	3000	3000	2700	2200	1600	1500
	.50	4200	3900	3400	2900	2700	2500	2300	2300	1900	1400	900	700
	.10	3700	3400	2800	2500	2400	2000	1700	1700	1600	700	0	0
	.90	4600	4500	4300	3800	3800	3800	3800	3800	3000	2900	2700	2200
	.50	4300	4200	4000	3400	2900	2600	2500	2400	2300	2000	1700	1400
	.10	3800	3700	3500	2800	2400	2300	2000	1700	1600	800	400	200
6500	.90	4500	4200	3800	3200	3000	2900	2700	2700	2300	1800	1500	1300
	.50	4200	3900	3400	2900	2700	2500	2300	2300	1900	1200	800	500
	.10	3700	3400	2800	2500	2400	2000	1700	1700	1600	700	0	0
	.90	4500	4300	3800	3800	3200	3200	3000	3000	2700	2200	1600	1500
	.50	4200	4000	3400	3400	2900	2600	2400	2400	2000	1400	900	700
	.10	3700	3500	2800	2800	2400	2300	2000	1700	1600	700	0	0
	.90	4700	4500	4300	3800	3800	3800	3800	3800	3000	2800	2300	2300
	.50	4400	4200	4000	3400	2900	2600	2500	2400	2000	1400	900	1500
	.10	3900	3700	3500	2800	2400	2300	2000	1700	1600	700	400	300

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH - APRIL INCUBATION MONTH - MAY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4500	4300	3800	3800	3100	3000	2800	2700	2300	1900	1500	1300
	.50	4200	4000	3400	3400	2800	2600	2300	2300	2000	1300	800	600
	.10	3700	3500	2800	2800	2400	2300	1700	1700	1600	800	100	0
	.90	4600	4300	3800	3800	3200	3200	3000	3000	2800	2200	1900	1500
	.50	4300	4000	3400	3400	2900	2600	2300	2300	2000	1600	1200	800
	.10	3800	3500	2800	2800	2400	2300	1800	1700	1600	800	200	0
	.90	4700	4700	4300	4300	3800	3800	3800	3800	3800	3000	2800	2700
	.50	4400	4400	4000	4000	2900	2400	2600	2400	2400	2300	1700	1700
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1700	900	400	300
6700	.90	4600	4300	3800	3800	3200	3000	2900	2800	2700	2200	1500	1300
	.50	4300	4000	3400	3400	2900	2600	2300	2300	2000	1400	800	600
	.10	3800	3500	2900	2800	2400	2300	1800	1700	1600	800	200	0
	.90	4600	4500	4300	3800	3300	3200	3000	3000	2800	2300	2200	1600
	.50	4300	4200	4000	3400	2900	2600	2500	2300	2300	1600	1300	800
	.10	3800	3700	3500	2800	2400	2300	2000	1700	1600	900	300	0
	.90	4700	4700	4300	4300	4200	3800	3800	3800	3800	3000	3000	2800
	.50	4400	4400	4000	4000	3400	2800	2800	2600	2400	2300	1900	1700
	.10	3900	3900	3500	3500	2800	2400	2300	2000	1700	1000	400	400
6800	.90	4600	4500	4300	3800	3200	3100	3000	2900	2700	2200	1600	1400
	.50	4300	4200	4000	3400	2900	2600	2500	2300	2300	1400	800	600
	.10	3800	3700	3500	2800	2400	2300	2000	1700	1600	900	300	0
	.90	4700	4500	4300	3800	3300	3300	3100	3000	2800	2300	2200	1700
	.50	4400	4200	4000	3400	2900	2700	2500	2300	2300	1700	1400	800
	.10	3900	3700	3500	2800	2500	2300	2000	1700	1700	900	300	0
	.90	4800	4800	4300	4300	4200	4200	4200	3800	3800	3000	3000	2800
	.50	4500	4500	4000	4000	3400	2800	2800	2800	2400	2400	2300	1700
	.10	4000	4000	3500	3500	2800	2400	2300	2000	1700	1000	500	400
6900	.90	4700	4500	4300	3800	3200	3100	3000	3000	2700	2200	1700	1500
	.50	4400	4200	4000	3400	2900	2700	2500	2300	2300	1600	1000	800
	.10	3900	3700	3500	2800	2500	2300	2000	1700	1700	900	300	0
	.90	4700	4700	4300	4300	4200	3400	3200	3000	2800	2700	2200	1800
	.50	4400	4400	4000	4000	3400	2700	2600	2300	2300	1700	1400	800
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1700	900	300	0
	.90	4700	4800	4300	4300	4200	4200	4200	4200	3800	3800	3000	3000
	.50	4400	4400	4000	4000	3400	2700	2600	2300	2300	1700	1400	800
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1700	900	300	0
	.90	5500	4800	4300	4300	4200	4200	4200	4200	3800	3800	3000	3000
	.50	5200	4500	4000	4000	3400	2900	2800	2800	2500	2400	2300	1700
	.10	4700	4000	3500	3500	2800	2400	2300	2000	1700	1100	600	400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - MAY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		4700	4300	4300	3200	3100	3000	3000	2700	2200	1800	1500
	.50		4400	4000	4000	2900	2700	2600	2300	2300	1600	1200	800
	.10		3900	3500	3500	2500	2400	2300	1800	1700	900	300	0
	.90	.50	4700	4300	4300	3900	3400	3200	3000	2900	2700	2200	1900
	.50		4400	4000	4000	3400	2700	2600	2500	2300	1700	1400	900
	.10		3900	3500	3500	2300	2400	2300	2000	1700	1000	300	0
	.90		5500	4500	4300	4200	4200	4200	4200	3800	3800	3000	3000
	.50		5200	4200	4000	3800	2900	2900	2800	2500	2400	2300	1900
	.10		4700	3700	3500	3200	2400	2400	2300	1700	1300	800	400







TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2500	.90	1000	1000	1000	800	700	600	600	500	100	0	0	0
	.50	600	600	500	300	300	200	100	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.50	600	600	500	500	300	200	200	100	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1200	1000	1000	1000	800	700	700	700	400	0	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
2700	.90	1100	1000	1000	1000	700	700	500	600	200	0	0	0
	.50	600	600	500	500	300	200	200	100	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.50	600	600	600	500	300	300	200	200	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1700	1000	1000	1000	1000	700	700	700	400	0	0	0
	.50	1200	600	600	600	500	300	300	200	0	0	0	0
	.10	800	300	300	200	100	0	0	0	0	0	0	0
2800	.90	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.50	600	600	600	500	300	300	200	200	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	800	700	700	500	100	0	0
	.50	1300	1200	600	600	500	300	300	300	0	0	0	0
	.10	900	800	300	300	100	0	0	0	0	0	0	0
2900	.90	1200	1000	1000	1000	800	700	700	600	300	0	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
	.90	1200	1000	1000	1000	1000	700	700	700	400	0	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	700	700	600	300	0	0	0
	.50	1300	1200	1200	600	500	300	300	300	0	0	0	0
	.10	900	800	800	300	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1200	1000	1000	1000	1000	700	700	700	400	0	0	0
	.50	800	600	500	500	500	300	300	200	0	0	0	0
	.10	500	300	100	100	100	0	0	0	0	0	0	0
	.90	1700	1000	1000	1000	1000	800	700	700	400	0	0	0
	.50	1200	600	600	500	500	300	300	200	0	0	0	0
	.10	800	300	300	100	100	0	0	0	0	0	0	0
	.90	1800	1700	1700	1000	1000	1000	800	700	600	200	0	0
	.50	1300	1200	1200	500	500	500	300	300	100	0	0	0
	.10	900	800	800	300	300	100	0	0	0	0	0	0
3100	.90	1700	1000	1000	1000	1000	800	700	700	400	0	0	0
	.50	1200	600	600	500	500	300	300	200	0	0	0	0
	.10	800	300	300	100	100	0	0	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	800	700	700	500	0	0	0
	.50	1300	1200	600	500	500	300	300	300	0	0	0	0
	.10	900	800	300	100	100	0	0	0	0	0	0	0
	.90	1800	1800	1800	1700	1000	1000	800	800	600	200	0	0
	.50	1300	1300	1300	1200	600	500	300	300	100	0	0	0
	.10	900	900	900	800	300	100	0	0	0	0	0	0
3200	.90	1800	1700	1000	1000	1000	800	700	700	400	0	0	0
	.50	1300	1200	600	500	500	300	300	300	0	0	0	0
	.10	900	800	300	100	100	0	0	0	0	0	0	0
	.90	1800	1800	1800	1700	1000	1000	800	800	600	200	0	0
	.50	1300	1300	1300	1200	600	500	300	300	100	0	0	0
	.10	900	900	900	800	300	100	0	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	800	700	700	400	0	0	0
	.50	1300	1200	600	500	500	300	300	300	0	0	0	0
	.10	900	800	300	100	100	0	0	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	1000	800	700	500	100	0	0
	.50	1300	1300	1200	1000	600	500	300	300	0	0	0	0
	.10	900	900	800	700	300	100	0	0	0	0	0	0
3300	.90	1800	1700	1000	1000	1000	1000	800	700	500	100	0	0
	.50	1300	1200	1200	1000	600	500	300	300	0	0	0	0
	.10	900	900	800	700	300	100	0	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	1000	800	700	500	100	0	0
	.50	1300	1200	1200	1000	600	500	300	300	0	0	0	0
	.10	900	900	800	700	300	100	0	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	1000	800	700	600	200	0	0
	.50	1300	1200	1200	1000	500	500	300	300	100	0	0	0
	.10	900	900	800	800	300	100	0	0	0	0	0	0
	.90	2200	1800	1800	1700	1700	1000	1000	1000	700	400	200	0
	.50	1700	1700	1300	1300	1200	600	500	500	200	0	0	0
	.10	1300	1300	900	900	800	300	100	100	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- JUNE

Q	EXC.	SPANNING INCUBATION											
		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
3400	.90	1800	1800	1700	1700	1000	1000	800	700	600	200	0	0
	.50	1300	1300	1200	1200	500	500	300	300	100	0	0	0
	.10	900	900	800	800	300	300	0	0	0	0	0	0
	.90	1800	1800	1700	1700	1400	1000	1000	800	600	200	0	0
	.50	1300	1300	1300	1200	800	600	500	300	100	0	0	0
3500	.10	900	900	900	800	300	300	100	0	0	0	0	0
	.90	2200	2200	1800	1800	1700	1400	1000	1000	700	400	200	0
	.50	1700	1700	1300	1300	1200	800	600	500	200	0	0	0
	.10	1300	1300	900	900	800	500	300	100	0	0	0	0
	.90	1800	1800	1700	1700	1400	1000	1000	800	600	200	0	0
3600	.50	1300	1300	1300	1200	1000	600	500	300	100	0	0	0
	.10	900	900	900	800	700	300	100	0	0	0	0	0
	.90	2200	2200	1800	1800	1700	1500	1300	1000	700	500	200	0
	.50	1700	1700	1700	1300	1200	1000	700	600	200	0	0	0
	.10	1300	1300	1300	900	800	700	300	300	0	0	0	0
3700	.90	2200	2200	1800	1800	1700	1700	1000	1000	700	300	0	0
	.50	1700	1700	1300	1300	1200	600	600	500	200	0	0	0
	.10	1300	1300	900	900	800	300	300	100	0	0	0	0
	.90	2200	2200	1700	1700	1300	1200	800	1200	700	500	300	100
	.50	1700	1700	1300	1300	1300	900	800	600	300	0	0	0
3800	.10	900	900	900	800	700	300	100	0	0	0	0	0
	.90	2200	2200	1800	1800	1700	1700	1000	1000	700	300	0	0
	.50	1700	1700	1300	1300	1200	600	600	500	200	0	0	0
	.10	1300	1300	900	900	800	300	300	100	0	0	0	0
	.90	2200	2200	1800	1800	1700	1700	1000	1000	700	300	0	0
3900	.50	1700	1700	1300	1300	1200	600	600	500	200	0	0	0
	.10	1300	1300	900	900	800	300	300	100	0	0	0	0
	.90	2200	2200	1800	1800	1700	1700	1000	1000	700	300	0	0
	.50	1700	1700	1300	1300	1200	600	600	500	200	0	0	0
	.10	1300	1300	900	900	800	300	300	100	0	0	0	0
4000	.90	2200	2200	1800	1800	1700	1700	1000	1000	700	300	0	0
	.50	1700	1700	1300	1300	1200	600	600	500	200	0	0	0
	.10	1300	1300	900	900	800	300	300	100	0	0	0	0
	.90	2200	2200	1800	1800	1700	1700	1000	1000	700	300	0	0
	.50	1700	1700	1300	1300	1200	600	600	500	200	0	0	0

TABLE 4. GORGE RELEASE (CF3) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- APRIL INCUBATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2200	2200	1800	1800	1700	1400	1000	1000	700	400	0	0
	.50	1700	1700	1300	1300	1200	1000	600	600	200	0	0	0
	.10	1300	1300	900	900	800	700	300	200	0	0	0	0
	.90	2200	2200	2200	1800	1700	1400	1300	1000	700	400	200	0
	.50	1700	1700	1700	1300	1200	1000	700	600	200	0	0	0
	.10	1300	1300	1300	900	800	700	300	300	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1700	1400	800	600	400	200
	.50	1700	1700	1700	1700	1300	1200	1000	800	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
3900	.90	2200	2200	2200	1800	1700	1400	1300	1000	700	400	100	0
	.50	1700	1700	1700	1300	1200	1000	700	600	200	0	0	0
	.10	1300	1300	1300	900	800	700	300	300	0	0	0	0
	.90	2700	2200	2200	2200	1800	1700	1700	1400	1000	600	500	300
	.50	2200	1700	1700	1700	1300	1200	1200	1000	400	0	0	0
	.10	1800	1400	1300	1300	900	800	800	700	100	0	0	0
4000	.90	2200	2200	2200	1800	1800	1700	1400	1200	700	400	200	0
	.50	1700	1700	1700	1300	1300	1200	800	700	300	0	0	0
	.10	1300	1300	1300	900	900	800	500	300	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1700	1300	800	500	200	0
	.50	1700	1700	1700	1700	1300	1200	1000	700	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2700	2200	2200	2200	1800	1700	1700	1400	1000	600	500	300
	.50	2200	1700	1700	1700	1300	1200	1200	1000	400	0	0	0
	.10	1800	1400	1300	1300	900	800	800	700	100	0	0	0
4100	.90	2200	2200	2200	1700	1400	1300	1200	1000	500	200	0	0
	.50	1700	1700	1700	1300	1300	1200	1000	700	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2200	2200	2200	2200	1800	1700	1700	1400	1000	600	500	300
	.50	1700	1700	1700	1700	1300	1200	1000	700	300	0	0	0
	.10	1400	1400	1300	1300	900	800	700	600	300	0	0	0
	.90	2700	2200	2200	2200	1800	1700	1700	1400	800	500	200	0
	.50	2200	1700	1700	1700	1300	1200	1000	700	300	0	0	0
	.10	1800	1400	1300	1300	900	800	700	600	300	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH - APRIL INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2200	2200	2200	2200	1300	1700	1500	1400	800	500	200	0
	.50	1700	1700	1700	1700	1300	1200	1000	1000	300	0	0	0
	.10	1400	1400	1300	1300	900	800	700	600	0	0	0	0
	.90	2700	2200	2200	2200	1900	1700	1700	1400	1000	600	400	200
	.50	2200	1700	1700	1700	1400	1200	1200	1000	500	0	0	0
	.10	1800	1400	1300	1300	1000	800	800	700	100	0	0	0
	.90	2900	2200	2200	2200	2200	1800	1800	1700	1300	700	600	400
	.50	2400	1700	1700	1700	1700	1300	1200	1200	600	100	0	0
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0
4300	.90	2700	2200	2200	2200	1900	1700	1700	1400	1000	600	300	0
	.50	2200	1700	1700	1700	1400	1200	1200	1000	500	0	0	0
	.10	1800	1400	1300	1300	1000	800	800	700	100	0	0	0
	.90	2700	2200	2200	2200	2100	1800	1700	1400	1000	600	400	200
	.50	2200	1700	1700	1700	1700	1300	1200	1000	600	100	0	0
	.10	1800	1400	1400	1300	1300	900	900	700	200	0	0	0
	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	700	600	500
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	100	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
4400	.90	2700	2200	2200	2200	2100	1800	1700	1400	1000	600	400	100
	.50	2200	1700	1700	1700	1700	1300	1200	1000	600	100	0	0
	.10	1800	1400	1400	1300	1300	900	900	700	200	0	0	0
	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	700	600	500
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	100	0	0
	.10	2000	1800	1400	1300	1300	900	800	700	200	0	0	0
	.90	2700	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.50	2200	1700	1700	1700	1700	1300	1200	1100	600	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	200	0	0	0
	.90	2900	2700	2200	2200	2200	1900	1900	1700	1300	800	600	500
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	300	0	0	0
4500	.90	2700	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.50	2200	1700	1700	1700	1700	1300	1200	1100	600	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	200	0	0	0
	.90	2900	2700	2200	2200	2200	1900	1900	1700	1300	800	600	500
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	300	0	0	0
	.90	2700	2200	2200	2200	2100	1800	1700	1600	1000	600	400	200
	.50	2200	1700	1700	1700	1700	1300	1200	1100	600	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	200	0	0	0
	.90	2900	2200	2200	2200	2200	1800	1700	1700	1200	700	500	300
	.50	2400	1700	1700	1700	1700	1300	1200	1200	600	100	0	0
	.10	2000	1400	1400	1400	1300	900	800	800	200	0	0	0
	.90	2900	2700	2200	2200	2200	2100	1900	1800	1400	1000	600	500
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	300	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
4600	.90	.90	2900	2200	2200	2200	1800	1700	1700	1200	700	400	200	
		.50	2400	1700	1700	1700	1300	1200	1200	600	100	0	0	
		.10	2000	1400	1400	1300	900	800	800	200	0	0	0	
		.90	2900	2700	2200	2200	1900	1800	1700	1300	700	500	300	
		.50	2400	2200	1700	1700	1400	1300	1200	700	100	0	0	
		.10	2000	1800	1400	1400	1000	900	800	300	0	0	0	
		.90	2900	2700	2200	2200	2100	1900	1800	1400	1000	700	600	
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	
		.10	2000	1800	1400	1400	1300	1300	1000	900	300	0	0	
		.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	700	500	200
4700	.90	.50	2400	2200	1700	1700	1400	1300	1200	700	100	0	0	
		.10	2000	1800	1400	1400	1000	900	800	300	0	0	0	
		.90	2900	2700	2200	2200	2100	1900	1800	1700	1300	700	500	200
		.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	
		.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	
		.90	2900	2700	2200	2200	2200	2100	2100	1900	1400	1000	700	600
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	300	0	0
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	0
		.90	2900	2700	2200	2200	2200	2100	2100	1900	1400	1000	700	600
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	300	0	0
4800	.90	.50	2400	2200	1700	1700	1400	1300	1200	700	200	0	0	
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	
		.90	2900	2700	2200	2200	2100	1900	1800	1700	1300	700	500	300
		.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	
		.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	
		.90	2900	2700	2200	2200	2200	2100	2100	1900	1400	1000	700	600
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	300	0	0
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	0
		.90	2900	2700	2200	2200	2200	2100	2100	1900	1400	1000	700	600
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0
4900	.90	.50	2400	2200	1700	1700	1400	1300	1200	700	200	0	0	
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	
		.90	2900	2700	2200	2200	2100	1900	1800	1700	1300	700	500	300
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	
		.90	2900	2700	2200	2200	2200	2100	2100	1900	1400	1100	700	600
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	0
		.90	2900	2700	2200	2200	2200	2100	2100	1900	1400	1100	700	600
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0
5000	.90	.50	2400	2200	1700	1700	1400	1300	1200	700	200	0	0	
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	
		.90	2900	2700	2200	2200	2100	1900	1800	1700	1300	700	500	300
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	
		.90	2900	2700	2200	2200	2200	2100	2100	1900	1400	1100	700	600
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0
		.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	0
		.90	2900	2700	2200	2200	2200	2100	2100	1900	1400	1100	700	600
		.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	2900	2700	2200	2200	2200	2100	1900	1800	1300	800	600	400
	.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0
	.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	0
	.90	2900	2700	2200	2200	2200	2100	1900	1800	1400	900	600	500
	.50	2400	2200	1700	1700	1700	1700	1400	1300	800	300	0	0
	.10	2100	1800	1400	1400	1400	1300	1000	900	300	0	0	0
	.90	3400	3100	2700	2500	2200	2200	2200	2100	1400	1300	800	600
	.50	2800	2600	2200	2000	1700	1700	1700	1400	1000	400	100	0
	.10	2300	2200	1800	1600	1400	1300	1300	1000	500	0	0	0
5100	.90	2900	2700	2200	2200	2200	2100	1900	1800	1300	800	600	400
	.50	2400	2200	1700	1700	1700	1700	1400	1300	800	300	0	0
	.10	2100	1800	1400	1400	1400	1300	1000	900	300	0	0	0
	.90	3200	2800	2500	2200	2200	2100	2100	1900	1400	1000	600	500
	.50	2600	2400	2000	1700	1700	1700	1700	1300	800	300	0	0
	.10	2200	2100	1600	1400	1400	1300	1300	900	500	0	0	0
	.90	3500	3100	2800	2700	2500	2200	2200	2200	1700	1300	900	700
	.50	2900	2600	2400	2200	1900	1700	1700	1700	1000	500	100	0
	.10	2400	2200	2100	1800	1400	1400	1300	1300	700	100	0	0
5200	.90	3200	2800	2500	2200	2200	2100	2100	1800	1400	900	600	400
	.50	2600	2400	2000	1700	1700	1700	1700	1300	800	300	0	0
	.10	2200	2100	1500	1400	1400	1300	1300	900	500	0	0	0
	.90	3200	3100	2700	2200	2200	2200	2100	1900	1400	1000	700	500
	.50	2600	2600	2200	1700	1700	1700	1700	1400	800	300	0	0
	.10	2200	2200	1800	1400	1400	1300	1300	1000	500	0	0	0
	.90	3500	3100	2900	2700	2500	2300	2200	2200	1900	1400	1000	700
	.50	2900	2600	2400	2200	1900	1700	1700	1700	1000	600	100	0
	.10	2400	2200	2100	1800	1400	1400	1400	1300	700	100	0	0
5300	.90	3200	3100	2700	2200	2200	2200	2100	1900	1400	1000	600	500
	.50	2600	2600	2200	1700	1700	1700	1700	1400	800	300	0	0
	.10	2200	2200	1800	1400	1400	1300	1300	1000	500	0	0	0
	.90	3400	3100	2800	2700	2200	2200	2100	1900	1400	1000	700	600
	.50	2800	2600	2400	2200	1700	1700	1700	1500	1000	400	100	0
	.10	2300	2200	2000	1800	1400	1400	1300	1200	500	0	0	0
	.90	3600	3200	3100	2800	2500	2500	2300	2200	2000	1400	1100	700
	.50	3000	2600	2600	2400	1900	1900	1700	1700	1000	600	100	0
	.10	2500	2300	2200	2100	1400	1400	1400	1300	700	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3400	3100	2800	2700	2200	2200	2100	1900	1400	1000	700	500
	.50	2800	2600	2400	2200	1700	1700	1700	1500	1000	400	0	0
	.10	2300	2200	2000	1800	1400	1400	1300	1200	500	0	0	0
	.90	3500	3100	2800	2700	2500	2200	2100	2100	1400	1100	700	600
	.50	2900	2600	2400	2200	1900	1700	1700	1700	1000	400	100	0
	.10	2400	2200	2100	1800	1400	1400	1300	1300	700	100	0	0
	.90	3600	3600	3100	2800	2500	2500	2400	2300	2100	1400	1300	800
	.50	3000	3000	2600	2400	2000	1900	1700	1700	1200	600	200	100
	.10	2500	2500	2200	2100	1500	1400	1400	1400	800	200	0	0
	.90	3500	3100	2800	2700	2500	2200	2100	2100	1400	1000	700	500
5500	.50	2900	2600	2400	2200	1900	1700	1700	1700	1000	400	100	0
	.10	2400	2200	2100	1800	1400	1400	1300	1300	700	100	0	0
	.90	3500	3100	2900	2800	2500	2200	2200	2100	1600	1200	700	600
	.50	2900	2600	2500	2400	1900	1700	1700	1700	1000	500	100	0
	.10	2400	2200	2100	2000	1400	1400	1400	1300	700	100	0	0
	.90	3600	3600	3100	2900	2700	2500	2500	2400	2200	1500	1300	1000
	.50	3000	3000	2600	2500	2200	1900	1900	1700	1200	600	300	100
	.10	2500	2500	2200	2200	1800	1400	1400	1400	800	200	0	0
	.90	3500	3100	2900	2800	2500	2200	2200	2100	1500	1100	700	600
	.50	2900	2600	2500	2400	1900	1700	1700	1700	1000	500	100	0
5600	.10	2400	2200	2100	2000	1400	1400	1400	1300	700	100	0	0
	.90	3600	3600	3100	2900	2700	2500	2500	2400	2200	1500	1300	1000
	.50	3000	3000	2600	2500	2200	1900	1900	1700	1200	600	300	100
	.10	2500	2500	2200	2200	1800	1400	1400	1400	800	200	0	0
	.90	3500	3100	2900	2800	2500	2200	2200	2100	1500	1100	700	600
	.50	2900	2600	2500	2400	1900	1700	1700	1700	1000	500	100	0
	.10	2400	2200	2100	2000	1400	1400	1400	1300	700	100	0	0
	.90	3600	3200	3100	2800	2500	2500	2200	2200	1700	1300	800	600
	.50	3000	2600	2600	2400	1900	1900	1700	1700	1000	600	100	0
	.10	2500	2300	2200	2100	1400	1400	1400	1400	700	200	0	0
5700	.90	3900	3600	3100	3100	2700	2500	2500	2500	2200	1700	1400	1100
	.50	3400	3000	2600	2600	2200	1900	1900	1900	1300	700	300	100
	.10	3000	2500	2200	2200	1800	1400	1400	1400	900	200	0	0
	.90	3600	3200	3100	2800	2500	2500	2200	2200	1700	1200	700	600
	.50	3000	2600	2600	2400	1900	1900	1700	1700	1000	600	100	0
	.10	2500	2300	2200	2100	1400	1400	1400	1400	700	200	0	0
	.90	3600	3600	3100	2900	2500	2500	2200	2200	1800	1300	800	600
	.50	3000	3000	2600	2400	2000	1900	1700	1700	1200	600	100	0
	.10	2500	2500	2200	2100	1500	1400	1400	1400	800	200	0	0
	.90	4000	3600	3100	3100	2800	2500	2500	2500	2200	1800	1400	1100
.50	3500	3000	2600	2600	2400	2400	1900	1900	1400	700	300	100	
.10	3100	2500	2300	2200	2100	2100	1400	1400	1400	1000	200	0	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning #UA - STEELHEAD: SPawning MONTH - APRIL INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
2	EXC.	EXC.											
5800	.90	3600	3600	3100	2900	2500	2500	2200	2200	1700	1200	700	600
	.50	3000	3000	2600	2400	2000	1900	1700	1700	1200	600	100	0
	.10	2500	2500	2200	2100	1500	1400	1400	1400	800	200	0	0
	.90	3600	3600	3100	3000	2700	2500	2500	2200	1900	1300	900	700
	.50	3000	3000	2600	2600	2200	1900	1900	1700	1200	600	100	0
	.10	2500	2500	2200	2200	1800	1400	1400	1400	800	200	0	0
	.90	4000	3600	3500	3100	2900	2600	2600	2500	2300	1900	1400	1300
	.50	3500	3000	2900	2600	2400	1900	1900	1900	1700	700	500	100
	.10	3100	2500	2400	2200	2100	1400	1400	1400	1300	300	0	0
5900	.90	3600	3600	3100	3000	2700	2500	2500	2200	1800	1300	800	600
	.50	3000	3000	2600	2600	2200	1900	1900	1700	1200	600	100	0
	.10	2500	2500	2200	2200	1800	1400	1400	1400	800	200	0	0
	.90	3900	3600	3100	3100	2700	2500	2500	2500	1900	1400	1000	700
	.50	3400	3000	2600	2600	2200	1900	1900	1900	1300	700	100	0
	.10	3000	2500	2200	2200	1900	1400	1400	1400	900	200	0	0
6000	.90	4000	3600	3600	3100	2900	2600	2600	2500	2300	2000	1400	1300
	.50	3500	3000	3000	2600	2400	1900	1900	1900	1700	700	600	100
	.10	3100	2500	2500	2200	2100	1400	1400	1400	1300	300	0	0
	.90	3900	3600	3100	3100	2700	2500	2500	2500	1900	1300	800	600
	.50	3400	3000	2600	2600	2200	1900	1900	1900	1300	700	100	0
	.10	3000	2500	2200	2200	1900	1400	1400	1400	900	200	0	0
	.90	4000	3600	3100	3100	2900	2500	2500	2500	2100	1400	1000	700
	.50	3500	3000	2600	2600	2400	1900	1900	1900	1400	700	100	0
	.10	3100	2500	2300	2200	2100	1400	1400	1400	1000	300	0	0
6100	.90	4400	3600	3600	3100	2900	2700	2700	2500	2300	2000	1400	1400
	.50	3900	3000	3000	2600	2500	2000	1900	1900	1700	800	600	100
	.10	3500	2500	2500	2300	2100	1600	1400	1400	1300	300	0	0
	.90	4000	3600	3100	3100	2800	2500	2500	2500	1900	1300	900	700
	.50	3500	3000	2600	2600	2400	1900	1900	1900	1400	700	100	0
	.10	3100	2500	2300	2200	2100	1400	1400	1400	1000	300	0	0
	.90	4000	3600	3500	3100	2800	2500	2500	2500	2100	1400	1100	700
	.50	3500	3000	2900	2600	2400	1900	1900	1900	1700	700	200	0
	.10	3100	2500	2400	2200	2100	1400	1400	1400	1300	300	0	0
	.90	4400	4100	3600	3100	3000	2900	2700	2700	2500	2100	1700	1400
	.50	3900	3600	3000	2600	2500	2200	1900	1900	1700	1000	600	200
	.10	3500	3200	2500	2300	2200	1800	1400	1400	1400	500	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4000	3600	3500	3100	2800	2500	2500	2500	2100	1400	1000	700
	.50	3500	3000	2900	2600	2400	1900	1900	1900	1700	700	100	0
	.10	3100	2500	2400	2200	2100	1400	1400	1400	1300	300	0	0
	.90	4000	3600	3600	3100	2300	2500	2500	2500	2200	1400	1200	800
	.50	3500	3000	3000	2600	2400	2000	1900	1900	1700	700	200	100
	.10	3100	2500	2500	2200	2100	1600	1400	1400	1300	300	0	0
	.90	4400	4200	3600	3600	3000	3000	3000	2800	2500	2200	1900	1400
	.50	3900	3700	3000	3000	2500	2200	1900	1900	1700	1000	600	400
	.10	3500	3300	2500	2500	2200	1800	1400	1400	1400	500	0	0
6300	.90	4000	3600	3600	3100	2800	2500	2500	2500	2100	1400	1000	700
	.50	3500	3000	3000	2600	2400	2000	1900	1900	1700	700	200	0
	.10	3100	2500	2500	2200	2100	1600	1400	1400	1300	300	0	0
	.90	4400	3600	3600	3100	2900	2700	2500	2500	2200	1700	1300	900
	.50	3900	3000	3000	2600	2500	2200	1900	1900	1700	800	300	100
	.10	3500	2500	2500	2300	2200	1800	1400	1400	1300	300	0	0
	.90	4500	4200	3600	3600	3100	3000	3000	3000	2500	2300	2000	1600
	.50	4000	3700	3000	3000	2500	2400	2000	1900	1700	1100	700	600
	.10	3600	3300	2500	2500	2200	2100	1600	1400	1400	500	0	0
6400	.90	4400	3600	3600	3100	2900	2700	2500	2500	2100	1400	1100	700
	.50	3900	3000	3000	2600	2500	2200	1900	1900	1700	800	200	0
	.10	3500	2500	2500	2300	2200	1800	1400	1400	1300	300	0	0
	.90	4400	4100	3600	3100	2900	2700	2500	2500	2200	1900	1400	1100
	.50	3900	3600	3000	2600	2500	2200	1900	1900	1700	800	200	0
	.10	3500	3200	2500	2300	2200	1800	1400	1400	1400	500	0	0
	.90	4500	4400	4200	3600	3100	3000	3000	3000	2800	2300	2200	1900
	.50	4000	3900	3700	3000	2600	2400	2200	1900	1700	1100	800	600
	.10	3600	3500	3300	2500	2200	2100	1800	1400	1400	600	0	0
6500	.90	4400	4100	3600	3100	2700	2700	2500	2500	2100	1400	1200	800
	.50	3900	3600	3000	2600	2500	2200	1900	1900	1700	800	200	100
	.10	3500	3200	2500	2300	2200	1800	1400	1400	1400	500	0	0
	.90	4400	4200	3600	3100	2700	2700	2500	2500	2100	1400	1200	800
	.50	3900	3600	3000	2600	2500	2200	1900	1900	1700	800	200	100
	.10	3500	3200	2500	2300	2200	1800	1400	1400	1400	500	0	0
	.90	4400	4200	3600	3600	3000	2800	2500	2500	2300	1900	1400	1200
	.50	3900	3700	3000	3000	2500	2400	1900	1900	1700	1000	500	100
	.10	3500	3300	2500	2500	2200	2100	1400	1400	1400	500	0	0
	.90	4600	4400	4200	3600	3100	3000	3000	3000	2900	2500	2300	2000
	.50	4100	3900	3700	3000	2600	2400	2200	1900	1900	1100	1000	600
	.10	3700	3500	3300	2500	2200	2100	1800	1400	1400	700	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	4400	4200	3600	3600	3000	2800	2500	2500	2200	1500	1200	800
	.50	3900	3700	3000	3000	2600	2400	1900	1900	1700	1000	300	100
	.10	3500	3300	2500	2500	2200	2100	1400	1400	1400	500	0	0
	.90	4500	4200	3600	3600	3100	2800	2500	2500	2400	2100	1400	1300
	.50	4000	3700	3000	3000	2500	2400	2000	1900	1700	1000	500	100
	.10	3600	3300	2500	2500	2200	2100	1600	1400	1400	500	0	0
	.90	4600	4600	4200	4200	3400	3000	3000	3000	3000	2500	2300	2100
	.50	4100	4100	3700	3700	2600	2500	2400	2000	1900	1100	1000	700
	.10	3700	3700	3300	3300	2300	2200	2100	1600	1400	700	0	0
6700	.90	4500	4200	3600	3600	3100	2800	2500	2500	2200	1700	1300	900
	.50	4000	3700	3000	3000	2500	2400	2000	1900	1700	1000	300	100
	.10	3600	3300	2500	2500	2200	2100	1600	1400	1400	500	0	0
	.90	4500	4400	4200	3600	3100	2800	2700	2500	2500	2100	1500	1300
	.50	4000	3900	3700	3000	2500	2400	2200	1900	1700	1000	600	200
	.10	3600	3500	3300	2500	2200	2100	1800	1400	1400	700	0	0
	.90	4600	4600	4200	4200	3600	3400	3100	3000	3000	2500	2300	2300
	.50	4100	4100	3700	3700	3000	2500	2400	2200	1900	1300	1100	800
	.10	3700	3700	3300	3300	2500	2200	2100	1800	1400	800	0	0
	.90	4500	4400	4200	3600	3100	2800	2700	2500	2500	1900	1400	1000
	.50	4000	3900	3700	3000	2500	2400	2200	1900	1700	1000	400	100
	.10	3600	3500	3300	2500	2200	2100	1800	1400	1400	700	0	0
	.90	4600	4400	4200	3600	3100	2900	2700	2500	2500	2100	1700	1400
	.50	4100	3900	3700	3000	2500	2400	2200	1900	1900	1000	600	200
	.10	3700	3500	3300	2500	2300	2100	1800	1400	1400	700	0	0
	.90	4700	4700	4200	4200	3500	3400	3400	3100	3000	2900	2500	2300
	.50	4200	4200	3700	3700	3000	2600	2400	2200	1900	1500	1100	1000
	.10	3800	3800	3300	3300	2500	2200	2100	1800	1400	800	100	0
	.90	4600	4400	4200	3600	3100	2900	2700	2500	2500	1900	1400	1100
	.50	4100	3900	3700	3000	2500	2400	2200	1900	1900	1000	500	100
	.10	3700	3500	3300	2500	2300	2100	1800	1400	1400	700	0	0
	.90	4600	4600	4200	4200	3100	2900	2800	2600	2500	2200	1900	1400
	.50	4100	4100	3700	3700	2600	2500	2400	2000	1900	1100	600	300
	.10	3700	3700	3300	3300	2300	2200	2100	1600	1400	700	0	0
	.90	5400	4700	4200	4200	3600	3400	3400	3400	3000	3000	2500	2300
	.50	4900	4200	3700	3700	3000	2600	2400	2200	1900	1500	1100	1100
	.10	4500	3800	3300	3300	2500	2200	2100	1800	1400	900	100	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD:  
 SPAWNING MONTH -- APRIL INCUBATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	4600	4600	4200	4200	3100	2900	2800	2500	2500	2100	1400	1200
	.50	4100	4100	3700	3700	2500	2500	2400	2000	1900	1100	600	100
	.10	3700	3700	3300	3300	2300	2200	2100	1600	1400	700	0	0
	.90	4600	4600	4200	4200	3500	2900	2800	2700	2500	2200	1900	1400
	.50	4100	4100	3700	3700	3000	2500	2400	2200	1900	1200	700	300
	.10	3700	3700	3300	3300	2500	2200	2100	1800	1400	800	100	0
	.90	5400	4800	4400	4200	4000	3400	3400	3400	3000	3000	2500	2300
	.50	4900	4300	3900	3700	3400	2600	2500	2400	1900	1500	1100	1100
	.10	4500	3900	3500	3300	2900	2200	2200	2100	1400	1000	200	0



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	800	800	600	600	400	300	200	100	0	0	0	0
	.50	500	500	300	300	100	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	800	800	700	600	500	400	300	200	0	0	0	0
	.50	500	500	400	300	200	100	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1000	900	900	900	700	600	500	400	300	0	0	0
	.50	600	600	600	500	400	300	100	100	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
1900	.90	800	800	700	600	500	400	300	200	0	0	0	0
	.50	500	500	400	300	200	100	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	900	900	800	800	600	500	400	300	0	0	0	0
	.50	600	600	500	500	300	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	1200	1100	900	900	800	700	600	500	300	0	0	0
	.50	800	600	600	600	500	300	200	100	0	0	0	0
	.10	300	200	200	200	100	0	0	0	0	0	0	0
2000	.90	900	900	800	800	600	400	400	300	0	0	0	0
	.50	600	600	500	500	300	100	0	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	900	900	900	800	700	600	400	400	0	0	0	0
	.50	600	600	600	500	400	300	100	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	1500	1200	1100	1100	900	800	600	600	300	100	0	0
	.50	800	800	600	600	500	400	300	200	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
2100	.90	900	900	900	800	700	600	400	300	0	0	0	0
	.50	600	600	600	500	400	300	100	0	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	1000	900	900	900	800	600	500	400	100	0	0	0
	.50	600	600	600	600	500	300	200	100	0	0	0	0
	.10	200	200	200	200	100	0	0	0	0	0	0	0
	.90	1500	1200	1100	1100	1000	900	800	700	400	100	0	0
	.50	900	800	600	600	600	500	300	300	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPANING MONTH -- APRIL INCUBATION MONTH -- JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1000	900	900	900	800	600	500	400	0	0	0	0
	.50	600	600	600	600	500	300	200	100	0	0	0	0
	.10	200	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1000	900	900	800	700	600	500	200	0	0	0
	.50	800	600	600	600	500	400	300	100	0	0	0	0
	.10	400	200	200	200	100	0	0	0	0	0	0	0
	.90	1500	1500	1200	1100	1100	900	800	800	500	300	0	0
	.50	900	900	800	600	500	500	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
2300	.90	1200	1000	900	900	800	700	600	500	100	0	0	0
	.50	800	600	600	600	500	400	300	100	0	0	0	0
	.10	400	200	200	200	100	0	0	0	0	0	0	0
	.90	1200	1200	1000	900	900	800	700	600	300	0	0	0
	.50	800	800	600	600	600	500	300	300	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1500	1500	1200	1200	1100	1000	900	800	600	300	0	0
	.50	1000	900	800	700	500	600	500	400	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
2400	.90	1200	1200	1000	900	900	800	700	600	200	0	0	0
	.50	800	800	600	600	600	500	300	300	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	1300	1200	1100	1000	900	800	700	600	300	0	0	0
	.50	900	900	700	600	600	500	400	300	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1500	1500	1200	1200	1100	1100	1000	900	600	300	200	0
	.50	1000	900	800	800	600	600	500	500	100	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
2500	.90	1300	1200	1100	1000	900	800	700	600	200	0	0	0
	.50	900	900	700	600	600	500	400	300	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1500	1500	1200	1200	1100	1100	1000	900	600	300	200	0
	.50	1000	900	800	800	600	600	500	500	100	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	1300	1200	1100	1000	900	800	700	600	200	0	0	0
	.50	900	900	700	600	600	500	400	300	0	0	0	0
	.10	500	500	200	200	200	100	0	0	0	0	0	0
	.90	1300	1200	1200	1000	900	900	800	700	400	0	0	0
	.50	900	900	800	600	600	500	500	400	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1500	1500	1200	1200	1100	1100	1100	1000	700	400	300	0
	.50	1100	900	900	800	500	600	600	500	100	0	0	0
	.10	500	500	500	300	200	200	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1300	1200	1200	1000	900	900	800	700	300	0	0	0
	.50	900	900	800	600	500	500	500	400	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	800	800	500	100	0	0
	.50	1000	900	800	800	600	600	500	500	100	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	1500	1500	1400	1200	1200	1100	1100	1000	800	500	300	100
	.50	1100	900	900	800	700	600	600	600	200	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
2700	.90	1400	1200	1200	1200	1000	900	800	800	400	0	0	0
	.50	1000	900	800	800	600	600	500	500	100	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	1400	1200	1200	1200	1000	900	900	800	500	200	0	0
	.50	1000	900	900	800	600	600	500	500	100	0	0	0
	.10	500	500	500	300	200	200	100	0	0	0	0	0
	.90	1900	1500	1500	1200	1200	1100	1100	1100	800	500	300	200
	.50	1500	900	900	900	800	600	600	600	300	0	0	0
	.10	1000	500	500	400	300	200	200	100	0	0	0	0
2800	.90	1400	1200	1200	1200	1000	900	900	800	500	100	0	0
	.50	1000	900	900	800	600	600	500	500	100	0	0	0
	.10	500	500	500	300	200	200	100	0	0	0	0	0
	.90	1500	1200	1200	1200	1100	900	900	900	600	300	0	0
	.50	1100	900	900	800	700	600	600	500	200	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
	.90	2000	1900	1500	1500	1200	1100	1100	1100	900	600	400	300
	.50	1600	1500	900	900	800	700	600	600	300	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
2900	.90	1500	1200	1200	1200	1100	900	900	900	500	200	0	0
	.50	1100	900	900	800	700	600	600	500	200	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
	.90	1500	1200	1200	1200	1200	1000	900	900	600	300	100	0
	.50	1100	900	900	800	800	600	600	600	300	0	0	0
	.10	700	500	500	300	300	200	200	100	0	0	0	0
	.90	2000	2000	1900	1500	1200	1200	1100	1100	900	600	500	300
	.50	1600	1600	1500	900	800	700	600	600	400	0	0	0
	.10	1100	1100	1000	500	300	200	200	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1500	1200	1200	1200	1200	1000	900	900	600	300	0	0
	.50	1100	900	800	800	300	600	500	600	300	0	0	0
	.10	700	500	300	300	300	200	200	100	0	0	0	0
	.90	1900	1200	1200	1200	1200	1100	1000	900	700	400	200	0
	.50	1500	900	900	900	300	600	600	600	300	0	0	0
	.10	1000	500	500	500	300	200	200	100	0	0	0	0
	.90	2000	2000	1900	1900	1500	1200	1200	1100	1000	700	500	300
	.50	1600	1600	1500	1500	900	800	700	600	500	100	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
3100	.90	1900	1200	1200	1200	1200	1000	900	900	700	300	0	0
	.50	1500	900	900	900	300	600	500	600	300	0	0	0
	.10	1000	500	500	500	300	200	200	100	0	0	0	0
	.90	2000	1900	1400	1200	1100	1100	1100	1000	800	500	300	0
	.50	1600	1500	900	900	800	700	600	600	300	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	2500	2000	2000	1900	1800	1400	1200	1200	1100	800	600	400
	.50	1600	1600	1600	1500	900	800	700	600	500	100	0	0
	.10	1100	1100	1100	1000	500	300	200	200	0	0	0	0
3200	.90	2000	1900	1200	1200	1200	1100	1000	900	700	400	100	0
	.50	1600	1500	900	900	800	700	500	500	300	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	2000	2000	1900	1600	1200	1200	1100	1000	800	500	300	100
	.50	1600	1600	1500	1300	900	800	600	600	400	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	2500	2000	2000	1900	1800	1500	1200	1200	1100	800	600	500
	.50	1600	1600	1600	1500	1300	900	900	700	500	100	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
3300	.90	2000	2000	1900	1600	1200	1200	1000	1000	800	500	200	0
	.50	1600	1600	1500	1300	900	800	600	600	400	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	2000	2000	1900	1600	1200	1200	1000	1000	800	500	200	0
	.50	1600	1600	1500	1300	900	800	600	600	400	0	0	0
	.10	1100	1100	1000	900	500	300	200	200	0	0	0	0
	.90	2000	2000	1900	1900	1200	1200	1100	1100	900	600	300	200
	.50	1600	1600	1500	1500	900	800	700	600	500	100	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	2600	2400	2000	2000	1900	1800	1500	1200	1100	900	700	500
	.50	2000	2000	1600	1600	1500	900	800	800	600	200	0	0
	.10	1500	1500	1100	1100	1000	500	300	300	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	-----											
3400	.90	2000	2000	1900	1900	1200	1200	1100	1000	800	500	300	0
	.50	1600	1600	1500	1500	900	800	700	600	500	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	2000	2000	2000	1900	1600	1200	1200	1100	900	600	400	300
	.50	1600	1600	1600	1500	1300	900	900	600	500	100	0	0
	.10	1100	1100	1100	1000	500	500	300	200	0	0	0	0
	.90	2600	2600	2000	2000	1900	1800	1700	1500	1100	1000	800	600
	.50	2000	2000	1600	1600	1500	1300	900	800	600	200	0	0
	.10	1500	1500	1100	1100	1000	700	500	300	100	0	0	0
3500	.90	2000	2000	2000	1900	1500	1200	1200	1100	800	500	300	100
	.50	1600	1600	1600	1500	1300	900	800	600	500	100	0	0
	.10	1100	1100	1100	1000	500	500	300	200	0	0	0	0
	.90	2000	2000	2000	1900	1700	1200	1200	1100	1000	700	500	300
	.50	1600	1600	1600	1500	1300	900	800	700	500	100	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	2700	2700	2400	2000	1900	1900	1800	1700	1100	1000	800	600
	.50	2000	2000	2000	1600	1500	1300	1200	900	600	200	100	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
3600	.90	2000	2000	2000	1900	1700	1200	1200	1100	900	600	300	200
	.50	1600	1600	1600	1500	1300	900	800	700	500	100	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	2400	2400	2000	2000	1900	1500	1200	1200	1000	700	500	300
	.50	2000	2000	1600	1600	1500	900	900	800	600	100	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2800	2800	2400	2400	2000	1900	1800	1800	1200	1100	900	700
	.50	2000	2000	2000	1600	1600	1500	1300	1100	600	300	100	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
3700	.90	2400	2400	2000	2000	1900	1200	1200	1200	900	600	400	300
	.50	2000	2000	1600	1600	1500	900	900	800	600	100	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2400	2400	2000	2000	1900	1600	1200	1200	1000	700	500	300
	.50	2000	2000	1600	1600	1500	900	900	800	600	100	0	0
	.10	1500	1500	1100	1100	1000	500	500	300	0	0	0	0
	.90	2400	2400	2000	2000	1900	1600	1200	1200	1100	800	600	400
	.50	2000	2000	1600	1600	1500	1300	900	900	600	200	0	0
	.10	1500	1500	1100	1100	1000	900	500	400	100	0	0	0
	.90	2800	2800	2400	2400	2000	1900	1900	1800	1200	1100	1000	800
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	100	0
	.10	1500	1500	1500	1500	1100	1000	500	400	100	0	0	0
	.90	2800	2800	2400	2400	2000	1900	1900	1800	1200	1100	1000	800
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	100	0
	.10	1500	1500	1500	1500	1100	1000	900	500	200	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING MUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2400	2400	2000	2000	1900	1600	1200	1200	1000	700	500	300
	.50	2000	2000	1500	1600	1500	1300	900	900	600	200	0	0
	.10	1500	1500	1100	1100	1000	900	500	400	100	0	0	0
	.90	2400	2400	2000	2000	1900	1700	1600	1200	1100	900	600	500
	.50	2000	2000	2000	1600	1500	1300	1200	900	600	200	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	2900	2900	2400	2400	2000	1900	1900	1800	1500	1100	1000	800
	.50	2000	2000	2000	2000	1500	1500	1300	1300	700	400	200	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
3900	.90	2400	2400	2400	2000	1900	1700	1600	1200	1000	800	500	300
	.50	2000	2000	2000	1600	1500	1300	1200	900	600	200	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	2400	2400	2400	2000	2000	1900	1600	1600	1100	900	700	500
	.50	2000	2000	2000	1600	1500	1300	1300	1100	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	700	500	100	0	0	0
	.90	2900	2900	2400	2400	2100	2000	1900	1900	1600	1100	1000	900
	.50	2500	2000	2000	2000	1500	1500	1500	1300	800	500	200	0
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
4000	.90	2400	2400	2400	2000	2000	1900	1600	1500	1100	800	600	400
	.50	2000	2000	2000	1600	1500	1300	1300	1100	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	700	500	100	0	0	0
	.90	2400	2400	2400	2000	2000	1900	1700	1600	1100	1000	700	500
	.50	2000	2000	2000	2000	1500	1500	1300	1200	600	300	100	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2900	2900	2900	2400	2400	2000	1900	1900	1600	1100	1100	1000
	.50	2500	2000	2000	2000	1700	1600	1500	1300	900	500	200	100
	.10	2000	1600	1500	1500	1200	1100	1000	900	300	0	0	0
4100	.90	2400	2400	2400	2400	2000	1900	1600	1600	1100	900	600	500
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	100	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2900	2900	2900	2400	2400	2000	1900	1900	1600	1100	1100	1000
	.50	2500	2000	2000	2000	1700	1600	1500	1300	900	500	200	100
	.10	2000	1600	1500	1500	1200	1100	1000	900	300	0	0	0
	.90	2400	2400	2400	2400	2000	1900	1600	1600	1100	900	600	500
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	0	0
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	2400	2400	2400	2400	2000	1900	1800	1600	1200	1000	800	600
	.50	2000	2000	2000	2000	1600	1500	1300	1300	700	400	100	0
	.10	1600	1600	1500	1500	1100	1000	900	800	200	0	0	0
	.90	3000	3000	3000	2400	2400	2000	1900	1900	1700	1200	1100	1000
	.50	2500	2000	2000	2000	2000	1600	1500	1300	900	500	200	100
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2400	2400	2400	2400	2000	1900	1700	1600	1100	900	700	500
	.50	2000	2000	2000	2000	1500	1500	1300	1300	700	400	100	0
	.10	1600	1600	1500	1500	1100	1000	900	800	200	0	0	0
	.90	2900	2400	2400	2400	2100	1900	1900	1700	1200	1100	900	700
	.50	2500	2000	2000	2000	1700	1500	1500	1300	800	500	100	0
	.10	2000	1600	1500	1500	1200	1000	1000	900	300	0	0	0
	.90	3100	3000	3000	2600	2400	2300	2000	1900	1800	1200	1100	1000
	.50	2700	2000	2000	2000	2000	1600	1500	1500	1000	600	200	100
	.10	2200	1600	1600	1500	1500	1100	1000	1000	400	0	0	0
4300	.90	2900	2400	2400	2400	2100	1900	1900	1600	1200	1000	800	500
	.50	2500	2000	2000	2000	1700	1500	1500	1300	800	400	100	0
	.10	2000	1600	1500	1500	1200	1000	1000	900	300	0	0	0
	.90	2900	2400	2400	2400	2300	2000	1900	1800	1300	1100	900	700
	.50	2500	2000	2000	2000	2000	1600	1500	1300	900	500	200	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
	.90	3100	3100	3100	2600	2600	2400	2100	2000	1800	1600	1100	1100
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	300	200
	.10	2200	2000	1600	1600	1500	1200	1100	1000	400	0	0	0
4400	.90	2900	2400	2400	2400	2300	2000	1900	1700	1200	1000	800	600
	.50	2500	2000	2000	2000	2000	1600	1500	1300	900	500	100	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
	.90	2900	2600	2400	2400	2300	2000	1900	1900	1600	1100	1000	800
	.50	2500	2000	2000	2000	2000	1600	1500	1500	900	500	200	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
	.90	3100	3100	3100	2900	2500	2400	2300	2100	1800	1600	1200	1100
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	700	400	200
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
4500	.90	2900	2400	2400	2400	2300	2000	1900	1900	1200	1100	900	600
	.50	2500	2000	2000	2000	2000	1600	1500	1500	900	500	200	0
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
	.90	3100	2600	2400	2400	2400	2100	1900	1900	1500	1100	1000	900
	.50	2700	2000	2000	2000	2000	1600	1500	1500	900	600	200	0
	.10	2200	1600	1600	1600	1500	1100	1000	1000	400	0	0	0
	.90	3200	3200	3200	3200	2500	2500	2400	2300	1900	1700	1200	1100
	.50	2700	2500	2000	2000	2000	2000	1600	1500	1200	700	400	200
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0

TABLE 4. GURGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - APRIL INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4500	.90	3100	2400	2400	2400	2400	2000	1900	1900	1600	1100	900	700
	.50	2700	2000	2000	2000	2000	1600	1500	1500	900	600	200	0
	.10	2200	1600	1600	1600	1500	1100	1000	1000	400	0	0	0
	.90	3100	2900	2400	2400	2400	2100	2000	1900	1600	1200	1100	900
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	200	100
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3200	3200	3200	3200	2600	2600	2400	2400	1900	1700	1400	1100
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	800	500	200
	.10	2200	2000	1600	1600	1500	1200	1100	1100	500	100	0	0
4700	.90	3100	2900	2400	2400	2400	2100	2000	1900	1600	1100	1000	800
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	200	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3100	2900	2400	2400	2400	2100	2000	1900	1600	1200	1100	1000
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	300	100
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3300	3300	3300	3300	2600	2600	2500	2400	1900	1700	1600	1200
	.50	2700	2500	2000	2000	2000	1700	1600	1600	1300	900	600	200
	.10	2200	2000	1600	1600	1500	1200	1100	1100	500	100	0	0
4800	.90	3100	2900	2400	2400	2400	2300	2000	1900	1600	1100	1000	800
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	300	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3100	2900	2400	2400	2400	2300	2000	1900	1600	1100	1000	800
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	300	0
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3100	2900	2700	2400	2400	2300	2100	2000	1700	1200	1100	1000
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	300	100
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3500	3300	3300	3300	2600	2600	2600	2400	1900	1800	1600	1200
	.50	3100	2500	2300	2000	2000	1800	1800	1600	1300	900	600	200
	.10	2400	2000	1800	1600	1600	1500	1200	1100	500	200	0	0
4900	.90	3100	2900	2400	2400	2400	2300	2000	2000	1600	1200	1000	900
	.50	2700	2500	2000	2000	2000	1700	1600	1500	1200	600	300	100
	.10	2200	2000	1600	1600	1500	1200	1100	1000	500	0	0	0
	.90	3100	2900	2900	2400	2400	2300	2100	2000	1800	1400	1100	1000
	.50	2700	2500	2000	2000	2000	1700	1600	1600	1200	700	400	200
	.10	2200	2000	1600	1600	1500	1200	1100	1100	500	100	0	0
	.90	3500	3400	3400	3400	2900	2600	2600	2500	1900	1800	1700	1400
	.50	3100	2900	2500	2000	2000	2000	2000	1700	1300	900	600	300
	.10	2400	2400	2000	1600	1600	1500	1500	1200	700	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
5000	.90	3100	2900	2400	2400	2400	2300	2100	2000	1600	1200	1100	1000
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	700	300	100
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3100	2900	2900	2500	2400	2400	2300	2000	1800	1600	1100	1100
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	700	400	200
	.10	2300	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3700	3400	3400	3400	3200	2600	2600	2600	2000	1800	1700	1600
	.50	3300	2900	2500	2400	2000	2000	2000	1700	1300	900	600	300
	.10	2500	2400	2000	1800	1600	1500	1500	1200	700	200	0	0
	.90	3100	2900	2600	2400	2400	2300	2100	2000	1700	1200	1100	1000
5100	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	700	400	100
	.10	2300	2000	1600	1600	1600	1500	1200	1100	500	100	0	0
	.90	3500	3000	2900	2900	2400	2400	2300	2100	1800	1600	1200	1100
	.50	3100	2700	2300	2000	2000	2000	2000	1500	1300	700	500	200
	.10	2400	2300	1800	1600	1500	1500	1500	1100	700	200	0	0
	.90	3800	3500	3500	3500	3400	3200	2700	2600	2300	1800	1700	1600
	.50	3400	2900	2700	2500	2300	2000	2000	2000	1500	900	700	400
	.10	2600	2400	2300	2000	1500	1600	1500	1500	900	300	0	0
	.90	3500	3000	2700	2400	2400	2400	2300	2100	1700	1300	1100	1000
	.50	3100	2700	2300	2000	2000	2000	2000	1600	1300	700	400	200
5200	.10	2400	2300	1800	1600	1500	1500	1500	1100	700	200	0	0
	.90	3500	3300	3000	2900	2400	2400	2300	2300	1900	1600	1200	1100
	.50	3100	2900	2500	2000	2000	2000	2000	1700	1300	800	500	200
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0
	.90	3800	3500	3500	3500	3500	3400	3200	2800	2400	1900	1800	1700
	.50	3400	2900	2700	2500	2400	2000	2000	2000	1500	1100	800	600
	.10	2600	2400	2300	2000	2400	2400	2000	2000	1500	900	300	0
	.90	3400	2900	2700	2500	2400	2400	2300	2100	1700	1300	1100	1000
	.50	3000	2900	2300	2000	2000	2000	2000	1600	1300	700	400	200
	.10	2400	2300	1800	1600	1500	1500	1500	1100	700	200	0	0
5300	.90	3500	3300	3000	2900	2400	2400	2300	2300	1900	1600	1200	1100
	.50	3100	2900	2500	2000	2000	2000	2000	1700	1300	800	500	200
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0
	.90	3800	3500	3500	3500	3500	3400	3200	2800	2400	1900	1800	1700
	.50	3400	2900	2700	2500	2400	2000	2000	2000	1500	1100	800	600
	.10	2600	2400	2300	2000	2400	2400	2000	2000	1500	900	300	0
	.90	3500	3300	2900	2700	2400	2400	2300	2100	1800	1400	1100	1000
	.50	3100	2900	2500	2000	2000	2000	2000	1700	1300	800	500	200
	.10	2400	2400	2000	1600	1500	1500	1500	1200	700	200	0	0
	.90	3700	3300	3000	3000	2500	2400	2400	2300	1900	1600	1200	1100
5500	.50	3300	2900	2700	2500	2000	2000	2000	1800	1300	900	600	200
	.10	2500	2400	2200	2000	1600	1600	1500	1400	700	200	0	0
	.90	3900	3500	3500	3500	3500	3400	3400	3200	2600	1900	1800	1700
	.50	3500	3100	2900	2700	2400	2300	2000	2000	1700	1200	900	600
	.10	2700	2500	2400	2300	2400	2300	2300	2000	1500	900	300	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3700	3300	3000	2900	2400	2400	2300	2300	1800	1600	1100	1100
	.50	3300	2900	2700	2500	2300	2000	2000	1800	1300	800	500	200
	.10	2500	2400	2200	2000	1500	1500	1500	1400	700	200	0	0
	.90	3800	3300	3100	3100	2800	2600	2400	2400	1900	1700	1400	1100
	.50	3400	2900	2700	2500	2400	2000	2000	2000	1300	900	600	200
	.10	2600	2400	2300	2000	1500	1600	1500	1500	900	300	0	0
	.90	3900	3900	3600	3600	3500	3500	3400	3400	2600	2000	1800	1700
	.50	3500	3500	2900	2700	2400	2400	2000	2000	1700	1300	900	700
	.10	2700	2700	2400	2300	1300	1600	1600	1600	1000	400	0	0
5500	.90	3800	3300	3000	2900	2800	2400	2400	2300	1900	1600	1200	1100
	.50	3400	2900	2700	2500	2400	2000	2000	2000	1300	900	600	200
	.10	2600	2400	2300	2000	1500	1600	1500	1500	900	300	0	0
	.90	3800	3300	3100	3100	2900	2700	2600	2400	1900	1800	1600	1200
	.50	3400	2900	2800	2700	2400	2000	2000	2000	1400	900	600	200
	.10	2600	2400	2300	2200	1500	1600	1600	1500	900	300	0	0
	.90	3900	3900	3600	3600	3500	3500	3400	3400	2800	2300	1900	1800
	.50	3500	3500	2900	2800	2500	2400	2400	2000	1900	1400	900	700
	.10	2700	2700	2400	2400	2000	1600	1600	1600	1000	400	0	0
5600	.90	3800	3300	3100	3000	2800	2500	2400	2400	1900	1600	1200	1100
	.50	3400	2900	2800	2700	2400	2000	2000	2000	1300	900	600	200
	.10	2600	2400	2300	2200	1500	1600	1600	1500	900	300	0	0
	.90	3900	3900	3600	3600	3500	3500	3400	3400	2800	2300	1900	1800
	.50	3500	3500	2900	2800	2500	2400	2400	2000	1900	1400	900	700
	.10	2700	2700	2400	2400	2000	1600	1600	1600	1000	400	0	0
5700	.90	3700	3500	3300	3200	3000	2800	2600	2500	2000	1800	1600	1200
	.50	3300	3100	2900	2700	2400	2400	2000	2000	1500	900	600	300
	.10	2700	2500	2400	2300	1600	1600	1600	1600	900	400	0	0
	.90	4100	3900	3700	3700	3700	3500	3500	3400	2800	2400	1900	1800
	.50	3700	3500	2900	2900	2500	2400	2400	2300	1900	1500	900	800
	.10	3200	2700	2400	2400	2000	1600	1600	1600	1100	400	0	0
	.90	3900	3500	3300	3000	2700	2800	2400	2400	1900	1700	1200	1100
	.50	3500	3100	2900	2700	2400	2400	2000	2000	1500	900	600	200
	.10	2700	2500	2400	2300	1600	1600	1600	1600	900	400	0	0
	.90	3900	3900	3300	3200	3000	2800	2800	2600	2100	1900	1700	1400
	.50	3500	3500	2900	2700	2400	2400	2000	2000	1500	1000	700	400
	.10	2700	2700	2400	2300	1800	1600	1600	1600	1000	400	0	0
	.90	4200	3900	3700	3700	3700	3500	3500	3500	2800	2500	1900	1800
	.50	3800	3500	2900	2900	2700	2400	2400	2400	2000	1500	1000	900
	.10	3300	2700	2500	2400	2300	1600	1600	1600	1200	400	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- APRIL INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5800	.90	.90	3900	3900	3300	3100	2900	2800	2700	2400	2000	1700	1400	1100
	.50	.50	3500	3500	2900	2700	2400	2400	2000	2000	1500	900	600	200
	.10	.10	2700	2700	2400	2300	1800	1600	1500	1600	1000	400	0	0
	.90	.90	3900	3900	3300	3300	3100	2800	2900	2700	2300	1800	1700	1500
	.50	.50	3500	3500	2900	2900	2500	2400	2400	2000	1600	1100	700	400
	.10	.10	2700	2700	2400	2400	2000	1600	1600	1600	1000	400	0	0
	.90	.90	4200	3900	3800	3800	3800	3500	3500	3500	3000	2600	2000	1900
	.50	.50	3800	3500	3400	2700	2400	2400	2400	2400	2000	1500	1100	900
	.10	.10	3300	2700	2600	2300	1500	1500	1600	1600	1500	500	0	0
5900	.90	.90	3900	3900	3300	3200	3100	2800	2800	2600	2100	1800	1500	1100
	.50	.50	3500	3500	2900	2900	2500	2400	2400	2000	1500	1000	600	300
	.10	.10	2700	2700	2400	2400	2000	1600	1500	1600	1000	400	0	0
	.90	.90	4100	3900	3300	3300	3300	2800	2900	2800	2400	1900	1700	1600
	.50	.50	3700	3500	2900	2900	2500	2400	2400	2300	1600	1100	700	500
	.10	.10	3200	2700	2400	2400	2000	1600	1600	1600	1100	400	0	0
	.90	.90	4200	3900	3900	3800	3800	3500	3500	3500	3200	2600	2300	1900
	.50	.50	3800	3500	3500	2900	2700	2400	2400	2400	2000	1500	1200	900
6000	.90	.90	3300	2700	2700	2400	2300	1600	1500	1600	1100	500	0	0
	.50	.50	4100	3900	3300	3300	3000	2800	2800	2800	2300	1800	1600	1200
	.10	.10	3700	3500	2900	2900	2500	2400	2400	2300	1600	1100	700	400
	.90	.90	4200	3900	3400	3400	3300	2900	2800	2800	2400	1900	1800	1700
	.50	.50	3800	3500	2900	2900	2700	2400	2400	2400	1700	1200	800	600
	.10	.10	3300	2700	2500	2400	2300	1600	1600	1600	1200	500	0	0
	.90	.90	4600	3900	3900	3900	3900	3700	3500	3500	3200	2600	2400	1900
	.50	.50	4200	3500	3500	2900	2800	2400	2400	2400	2000	1600	1300	900
	.10	.10	3700	2700	2700	2500	1800	1800	1600	1600	1500	500	0	0
6100	.90	.90	4200	3900	3300	3300	3100	2800	2800	2800	2300	1800	1700	1200
	.50	.50	3800	3500	2900	2900	2700	2400	2400	2400	1700	1200	700	400
	.10	.10	3300	2700	2500	2400	2300	1600	1600	1600	1200	500	0	0
	.90	.90	4200	3900	3800	3400	3400	3100	2800	2800	2500	1900	1800	1700
	.50	.50	3800	3500	3400	2900	2700	2400	2400	2400	2000	1300	900	600
	.10	.10	3300	2700	2600	2400	2300	1600	1600	1600	1500	500	0	0
	.90	.90	4600	4300	4200	4200	3900	3900	3800	3500	3200	2800	2500	2000
	.50	.50	4200	3900	3500	2900	2800	2500	2500	2400	2200	1900	1500	900
	.10	.10	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD: SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	4200	3900	3800	3300	3200	2900	2800	2800	2400	1900	1700	1400
	.50	3800	3500	3400	2900	2700	2400	2400	2400	2000	1200	700	500
	.10	3300	2700	2600	2400	2300	1600	1600	1600	1500	500	0	0
	.90	4200	3900	3900	3500	3500	3300	3100	2900	2600	2000	1800	1700
	.50	3800	3500	3500	2900	2700	2400	2400	2400	2000	1300	900	600
	.10	3300	2700	2700	2400	2300	1800	1500	1600	1500	500	0	0
	.90	4600	4400	4200	4200	4200	4200	4000	4000	3500	2800	2600	2300
	.50	4200	4000	3500	3500	2900	2500	2500	2500	2400	1900	1500	1200
	.10	3700	3500	2700	2700	2400	2000	1500	1600	1600	700	0	0
6300	.90	4200	3900	3900	3300	3200	2900	2800	2800	2400	1900	1800	1600
	.50	3800	3500	3500	2900	2700	2400	2400	2400	2000	1200	800	600
	.10	3300	2700	2700	2400	2300	1800	1600	1600	1500	500	0	0
	.90	4600	3900	3900	3500	3500	3400	3300	3200	2800	2300	1900	1800
	.50	4200	3500	3500	2900	2900	2500	2400	2400	2000	1500	900	700
	.10	3700	2700	2700	2500	2400	2000	1600	1600	1500	500	0	0
	.90	4700	4400	4200	4200	4200	4200	4200	4200	3500	3200	2600	2500
	.50	4300	4000	3500	3500	2900	2700	2500	2500	2400	2000	1600	1500
	.10	3800	3500	2700	2700	2400	2300	1800	1600	1600	700	0	0
6400	.90	4600	3900	3900	3300	3300	3000	2800	2800	2500	1900	1800	1700
	.50	4200	3500	3500	2900	2800	2500	2400	2400	2000	1300	900	600
	.10	3700	2700	2700	2500	2400	2000	1600	1600	1500	500	0	0
	.90	4600	4300	3900	3500	3500	3500	3400	3400	2800	2400	1900	1800
	.50	4200	3900	3500	2900	2800	2500	2400	2400	2000	1500	1000	800
	.10	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0
	.90	4700	4600	4400	4200	4200	4200	4200	4200	3500	3200	2800	2600
	.50	4300	4200	4000	3500	2900	2700	2500	2500	2400	2000	1900	1500
	.10	3800	3700	3500	2700	2400	2300	2000	1600	1600	800	0	0
6500	.90	4600	4300	3900	3300	3300	3000	2800	2800	2600	2000	1800	1700
	.50	4200	3900	3500	2900	2800	2500	2400	2400	2000	1300	900	600
	.10	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0
	.90	4600	4300	3900	3300	3300	3000	2800	2800	2600	2000	1800	1700
	.50	4200	3900	3500	2900	2800	2500	2400	2400	2000	1300	900	600
	.10	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0
	.90	4600	4400	3900	3900	3600	3500	3500	3400	2800	2500	2000	1800
	.50	4200	4000	3500	3500	2900	2700	2400	2400	2000	1600	1100	900
	.10	3700	3500	2700	2700	2400	2300	1600	1600	1600	700	0	0
	.90	4800	4600	4400	4200	4200	4200	4200	4200	4100	3500	3000	2600
	.50	4400	4200	4000	3500	2900	2700	2500	2500	2500	2300	1900	1500
	.10	3900	3700	3500	2700	2400	2300	2000	1600	1600	900	100	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - APRIL INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
EXC.	EXC.												
6600	.90	4600	4400	3900	3900	3400	3100	2900	2800	2600	2000	1800	1700
	.50	4200	4000	3500	3500	2900	2700	2400	2400	2000	1400	900	600
	.10	3700	3500	2700	2700	2400	2300	1500	1600	1600	700	0	0
	.90	4700	4400	3900	3900	3500	3500	3500	3400	2900	2600	2100	1900
	.50	4300	4000	3500	3500	2900	2700	2400	2400	2000	1700	1300	900
	.10	3800	3500	2700	2700	2400	2300	1800	1600	1600	700	0	0
	.90	4800	4800	4400	4400	4200	4200	4200	4200	4200	3500	3200	2800
	.50	4400	4400	4000	4000	2900	2800	2700	2500	2500	2400	1900	1900
	.10	3900	3900	3500	3500	2500	2400	2300	1800	1600	900	200	0
6700	.90	4700	4400	3900	3900	3400	3200	3000	2900	2800	2300	1900	1800
	.50	4300	4000	3500	3500	2900	2700	2400	2400	2000	1500	900	700
	.10	3800	3500	2700	2700	2400	2300	1800	1600	1600	700	0	0
	.90	4700	4600	3900	3900	3700	3500	3500	3500	3000	2600	2300	1900
	.50	4300	4200	3500	3500	2900	2700	2500	2400	2300	1700	1400	900
	.10	3800	3700	3500	2700	2400	2300	2000	1600	1600	900	0	0
	.90	4800	4800	4600	4600	4500	4200	4200	4200	4200	3500	3500	2900
	.50	4400	4400	4000	4000	3500	2900	2900	2700	2500	2400	2000	1900
	.10	3900	3900	3500	3500	2700	2400	2300	2000	1600	1000	300	0
6800	.90	4700	4600	3900	3900	3500	3400	3200	3000	2800	2400	1900	1800
	.50	4300	4200	3500	3500	2900	2700	2500	2400	2300	1500	900	700
	.10	3800	3700	3500	2700	2400	2300	2000	1600	1600	900	0	0
	.90	4800	4800	4600	4600	4500	4200	4200	4200	4200	3500	3500	2900
	.50	4400	4400	4000	4000	3500	2900	2900	2700	2500	2400	2000	1900
	.10	3900	3900	3500	3500	2700	2400	2300	2000	1600	1000	300	0
	.90	4700	4600	3900	3900	3700	3700	3500	3500	3200	2600	2400	1900
	.50	4300	4200	3500	3500	2900	2700	2500	2400	2300	1500	900	700
	.10	3800	3700	3500	2700	2400	2300	2000	1600	1600	900	0	0
	.90	4800	4600	4600	4600	4600	4600	4400	4200	4200	3500	3500	3200
	.50	4400	4900	4000	4000	3500	2900	2900	2900	2500	2500	2400	1900
	.10	3900	4500	3500	3500	2700	2400	2300	2000	1600	1000	300	0
6900	.90	4800	4600	3900	3900	3500	3500	3400	3200	2800	2500	1900	1800
	.50	4400	4200	3500	3500	2900	2700	2500	2400	2400	1600	1100	900
	.10	3900	3700	3500	2700	2500	2300	2000	1600	1600	900	100	0
	.90	4800	4800	4400	4400	4200	4200	4200	4200	4200	3500	3500	3200
	.50	4400	4800	4000	4000	3500	2900	2900	2900	2500	2500	2400	1900
	.10	3900	3900	3500	3500	2700	2400	2300	2000	1600	1000	300	0
	.90	5600	4900	4600	4600	4500	4600	4600	4400	4200	4200	3500	3300
	.50	5200	4500	4000	4000	3500	2900	2900	2900	2500	2500	2400	1900
	.10	4700	4000	3500	3500	2700	2400	2300	2000	1600	1100	300	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - APRIL INCUBATION MONTH - JULY

Q	EXC.	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
7000	.90		4800	4800	4400	4400	3500	3500	3500	3400	2800	2600	2000	1900
	.50		4400	4400	4000	4000	2900	2800	2700	2400	2400	1700	1300	900
	.10		3900	3900	3500	3500	2500	2400	2300	1800	1600	900	200	0
	.90	.50	4800	4800	4400	4400	3900	3800	3500	3500	3200	2800	2600	2200
	.50		4400	4400	4000	4000	3500	2800	2700	2500	2400	1900	1500	1000
	.10		3900	3900	3500	3500	2700	2400	2300	2000	1600	1000	300	0
	.90	.10	5600	5000	4600	4600	4500	4600	4600	4600	4200	4200	3500	3500
	.50		5200	4600	4200	4000	3900	2900	2900	2900	2600	2500	2400	2000
	.10		4700	4100	3700	3500	3100	2400	2400	2300	1600	1200	400	0

.51.15.42LP,

2.965, , FB3M001, TH, 00



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING INCUBATION MONTH - MAY INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	700	700	600	600	400	200	200	100	0	0	0	0
	.50	300	300	200	200	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1000	1000	700	700	600	500	400	300	0	0	0	0
	.50	500	500	300	300	200	100	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	2100	2100	2100	2100	1400	1400	1100	800	600	500	200	0
	.50	700	600	500	500	300	200	200	200	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
1900	.90	700	700	700	600	500	400	200	200	0	0	0	0
	.50	300	300	300	200	100	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1000	1000	800	700	700	600	500	400	100	0	0	0
	.50	500	500	300	300	200	100	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	2200	2200	2200	2200	1400	1400	1400	1000	700	500	400	200
	.50	700	600	500	500	300	300	300	200	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
2000	.90	1000	700	700	700	600	400	300	200	0	0	0	0
	.50	500	300	300	300	200	0	0	0	0	0	0	0
	.10	100	0	0	0	0	0	0	0	0	0	0	0
	.90	1100	1000	1000	800	700	600	600	500	200	0	0	0
	.50	600	600	500	300	300	200	100	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	2200	2200	2200	2200	2000	1400	1400	1400	700	600	500	200
	.50	1200	600	600	500	500	300	300	200	0	0	0	0
	.10	800	300	300	100	100	0	0	0	0	0	0	0
2100	.90	1000	1000	700	700	600	500	400	300	0	0	0	0
	.50	500	500	300	300	200	0	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	1300	1000	1000	800	700	700	600	600	200	0	0	0
	.50	600	600	500	300	300	200	100	100	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	2300	2300	2300	2300	2200	1400	1400	1400	700	600	500	400
	.50	1300	1200	600	600	500	400	300	300	0	0	0	0
	.10	900	800	300	300	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING MONTH - MAY INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1000	1000	800	700	700	600	400	400	0	0	0	0
	.50	500	500	300	300	200	100	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	1300	1000	1000	1000	700	700	600	600	300	0	0	0
	.50	600	600	500	500	300	300	200	100	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	2300	2300	2300	2300	2200	2000	1700	1400	800	600	500	400
	.50	1300	1300	1200	800	500	400	300	300	100	0	0	0
	.10	900	900	800	300	100	0	0	0	0	0	0	0
2300	.90	1000	1000	1000	700	700	600	500	400	0	0	0	0
	.50	600	600	500	300	300	200	100	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	1400	1200	1000	1000	800	700	700	600	400	0	0	0
	.50	600	600	600	500	300	300	200	200	0	0	0	0
	.10	300	300	300	100	0	0	0	0	0	0	0	0
	.90	2300	2300	2300	2300	2200	2200	2000	1800	1000	600	600	500
	.50	1300	1300	1200	1200	600	500	400	300	200	0	0	0
	.10	900	900	800	800	300	100	0	0	0	0	0	0
2400	.90	1100	1000	1000	800	700	700	600	500	100	0	0	0
	.50	600	600	500	300	300	200	100	0	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	1400	1400	1000	1000	800	700	700	700	400	100	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
	.90	2400	2400	2400	2400	2400	2200	2200	2000	1400	700	600	500
	.50	1300	1300	1300	1200	700	500	500	300	200	0	0	0
	.10	900	900	900	800	300	100	0	0	0	0	0	0
2500	.90	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.50	600	600	500	500	300	300	200	100	0	0	0	0
	.10	300	300	100	100	0	0	0	0	0	0	0	0
	.90	1700	1500	1000	1000	1000	800	700	700	500	200	0	0
	.50	1200	600	600	600	500	300	300	200	0	0	0	0
	.10	800	300	300	200	100	0	0	0	0	0	0	0
	.90	2400	2400	2400	2400	2400	2200	2200	2000	1400	700	600	500
	.50	1300	1300	1300	1200	700	500	500	300	200	0	0	0
	.10	900	900	900	800	300	100	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1200	1000	1000	1000	800	700	700	600	200	0	0	0
	.50	600	600	500	300	300	300	200	200	0	0	0	0
	.10	300	300	100	0	0	0	0	0	0	0	0	0
	.90	1800	1700	1600	1000	1000	800	700	700	600	200	0	0
	.50	1300	1200	600	600	500	300	300	300	0	0	0	0
	.10	900	800	300	300	100	0	0	0	0	0	0	0
	.90	2500	2500	2500	2500	2500	2200	2200	2000	1400	700	600	600
	.50	1700	1700	1300	1300	1200	700	600	600	300	0	0	0
	.10	1300	1300	900	900	800	300	100	100	0	0	0	0
2700	.90	1200	1000	1000	1000	800	700	700	700	400	0	0	0
	.50	800	600	600	500	300	300	200	200	0	0	0	0
	.10	500	300	300	100	0	0	0	0	0	0	0	0
	.90	1800	1800	1700	1600	1000	1000	800	700	600	300	0	0
	.50	1300	1300	1200	600	500	300	300	300	0	0	0	0
	.10	900	900	800	300	100	0	0	0	0	0	0	0
	.90	2500	2500	2500	2500	2500	2300	2200	2000	1400	800	700	600
	.50	1700	1700	1300	1300	1200	800	600	600	300	100	0	0
	.10	1300	1300	900	900	800	300	300	100	0	0	0	0
2800	.90	1700	1000	1000	1000	1000	700	700	700	400	0	0	0
	.50	1200	600	600	600	500	300	300	200	0	0	0	0
	.10	800	300	300	200	100	0	0	0	0	0	0	0
	.90	1800	1800	1700	1700	1000	1000	800	700	600	400	100	0
	.50	1300	1300	1200	1200	600	500	300	300	100	0	0	0
	.10	900	900	800	800	300	100	0	0	0	0	0	0
	.90	2600	2600	2600	2600	2600	2300	2300	2000	1400	1000	700	600
	.50	1700	1700	1700	1300	1200	1000	700	700	300	100	0	0
	.10	1300	1300	1300	900	800	700	300	200	0	0	0	0
2900	.90	1800	1700	1000	1000	1000	800	700	700	400	0	0	0
	.50	1300	1200	600	600	500	300	300	300	0	0	0	0
	.10	900	800	300	300	100	0	0	0	0	0	0	0
	.90	1800	1800	1800	1700	1400	1000	1000	800	600	400	200	0
	.50	1300	1300	1300	1200	800	500	400	300	100	0	0	0
	.10	900	900	900	800	300	100	100	0	0	0	0	0
	.90	2600	2600	2600	2600	2600	2300	2300	2000	1400	1000	700	600
	.50	1700	1700	1700	1300	1200	1000	700	700	300	100	0	0
	.10	1300	1300	1300	900	800	700	300	200	0	0	0	0
	.90	1800	1700	1000	1000	1000	800	700	700	400	0	0	0
	.50	1300	1200	600	600	500	300	300	300	0	0	0	0
	.10	900	800	300	300	100	0	0	0	0	0	0	0
	.90	1800	1800	1800	1700	1400	1000	1000	800	600	400	200	0
	.50	1300	1300	1300	1200	800	500	400	300	100	0	0	0
	.10	900	900	900	800	300	100	100	0	0	0	0	0
	.90	2600	2600	2600	2600	2600	2300	2300	2200	1700	1300	700	600
	.50	1700	1700	1700	1300	1300	1200	800	700	500	100	0	0
	.10	1300	1300	1300	900	800	300	100	0	0	0	0	0
	.90	1800	1700	1000	1000	1000	800	700	700	400	0	0	0
	.50	1300	1200	600	600	500	300	300	300	0	0	0	0
	.10	900	800	300	300	100	0	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH - MAY INCUBATION MONTH - JUNE

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	1800	1800	1700	1000	1000	800	700	700	500	100	0	0
	.50	1300	1300	1200	600	500	300	300	300	0	0	0	0
	.10	900	900	800	300	100	0	0	0	0	0	0	0
	.90	1800	1800	1800	1700	1700	1000	1000	800	700	500	200	0
	.50	1300	1300	1300	1200	1000	600	500	300	100	0	0	0
	.10	900	900	900	800	700	300	100	0	0	0	0	0
	.90	2700	2700	2700	2700	2700	2300	2300	2300	1800	1400	800	600
	.50	1700	1700	1700	1700	1300	1200	1000	800	600	100	0	0
	.10	1300	1300	1300	1300	900	800	700	300	0	0	0	0
3100	.90	1800	1800	1700	1700	1000	1000	800	700	600	200	0	0
	.50	1300	1300	1200	1200	600	500	300	300	100	0	0	0
	.10	900	900	800	800	300	100	0	0	0	0	0	0
	.90	2200	2200	1800	1800	1700	1400	1000	1000	700	500	300	100
	.50	1700	1700	1300	1300	1200	700	600	500	200	0	0	0
	.10	1300	1300	900	900	800	300	200	100	0	0	0	0
	.90	3000	3000	3000	3000	2700	2700	2300	2300	2000	1400	1000	700
	.50	1700	1700	1700	1700	1300	1200	1100	1000	600	200	100	0
	.10	1300	1300	1300	1300	900	800	700	300	0	0	0	0
3200	.90	1800	1800	1800	1700	1000	1000	800	800	600	200	0	0
	.50	1300	1300	1300	1200	600	500	300	300	100	0	0	0
	.10	900	900	900	800	300	100	0	0	0	0	0	0
	.90	2200	2200	1800	1800	1700	1400	1300	1000	700	600	400	200
	.50	1700	1700	1300	1300	1200	800	600	600	200	0	0	0
	.10	1300	1300	900	900	800	500	300	200	0	0	0	0
	.90	3000	3000	3000	3000	3000	3000	2800	2800	2000	1400	1300	700
	.50	2200	1700	1700	1700	1300	1200	1200	1100	700	300	100	0
	.10	1800	1300	1300	1300	900	800	800	500	100	0	0	0
3300	.90	1800	1800	1800	1700	1400	1000	1000	800	600	200	0	0
	.50	1300	1300	1300	1200	1000	600	500	300	100	0	0	0
	.10	900	900	900	800	700	300	100	0	0	0	0	0
	.90	2200	2200	2200	1900	1800	1700	1400	1300	700	600	400	200
	.50	1700	1700	1700	1300	1200	1000	700	600	200	0	0	0
	.10	1300	1300	1300	900	800	700	300	300	0	0	0	0
	.90	3000	3000	3000	3000	3000	3000	3000	3000	2300	1700	1400	1000
	.50	2200	1700	1700	1700	1400	1200	1200	1100	900	600	100	0
	.10	1800	1300	1300	1300	900	800	800	300	100	0	0	0
	.90	2200	2200	2200	1900	1800	1700	1400	1300	700	600	400	200
	.50	1700	1700	1700	1300	1200	1000	700	600	200	0	0	0
	.10	1300	1300	1300	900	800	700	300	300	0	0	0	0
	.90	3000	3000	3000	3000	3000	3000	3000	3000	2300	1700	1400	1000
	.50	2200	1700	1700	1700	1400	1200	1200	1100	900	600	100	0
	.10	1800	1300	1300	1300	900	800	800	300	100	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPAWNING INCUBATION MONTH - MAY INCUBATION MONTH - JUNE

Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
3400	.90	2200	1800	1800	1700	1700	1000	1000	1000	600	300	0	0	
	.50	1700	1300	1300	1200	1200	600	500	500	200	0	0	0	
	.10	1300	900	900	800	800	300	100	100	0	0	0	0	
	.90	2200	2200	1900	1800	1800	1700	1400	1400	800	600	500	300	
	.50	1700	1700	1300	1300	1300	1200	800	700	300	0	0	0	
	.10	1300	1300	900	900	900	800	300	300	0	0	0	0	
	.90	3000	3000	3000	3000	3000	3000	3000	3000	3000	2300	2000	1400	1300
	.50	2200	1700	1700	1700	1700	1300	1200	1100	1000	600	600	200	100
	.10	1800	1400	1300	1300	1300	900	800	700	200	0	0	0	0
	.90	2200	2200	1800	1700	1700	1400	1000	1000	700	400	100	0	0
3500	.50	1700	1300	900	800	800	500	300	100	0	0	0	0	
	.10	1300	900	900	800	800	500	300	100	0	0	0	0	
	.90	2200	2200	2200	1800	1800	1700	1600	1400	1000	600	500	400	
	.50	1700	1700	1700	1300	1300	1200	1000	700	300	0	0	0	
	.10	1300	1300	1300	900	900	800	700	300	0	0	0	0	
	.90	3000	3000	3000	3000	3000	3000	3000	3000	2300	2000	1400	1300	
	.50	2400	1700	1700	1700	1700	1300	1200	1200	1100	700	500	100	
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0	
	.90	2200	2200	2200	1800	1700	1700	1400	1300	1000	700	400	200	
	.50	1700	1700	1700	1300	1200	1200	700	700	200	0	0	0	
3600	.10	1300	1300	900	800	800	700	300	300	0	0	0	0	
	.90	2200	2200	2200	2000	2000	1800	1700	1400	1000	700	600	400	
	.50	1700	1700	1700	1300	1300	1200	1000	800	300	0	0	0	
	.10	1400	1300	1300	900	900	800	700	300	0	0	0	0	
	.90	3400	3400	3000	3000	3000	3000	3000	3000	2300	2000	1400	1300	
	.50	2400	1700	1700	1700	1700	1300	1200	1200	1100	700	500	100	
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0	
	.90	2200	2200	2200	1800	1700	1700	1400	1300	1000	700	400	200	
	.50	1700	1700	1700	1300	1200	1200	700	700	200	0	0	0	
	.10	1300	1300	1300	900	900	800	700	300	0	0	0	0	
3700	.90	2200	2200	2200	2000	2000	1800	1700	1400	1000	700	600	400	
	.50	1700	1700	1700	1300	1300	1200	1000	800	300	0	0	0	
	.10	1400	1300	1300	900	900	800	700	300	0	0	0	0	
	.90	3400	3400	3000	3000	3000	3000	3000	3000	2900	2200	1800	1400	
	.50	2400	2200	1700	1700	1700	1400	1300	1200	1100	700	600	200	
	.10	2000	1800	1400	1300	1300	900	800	800	200	0	0	0	
	.90	2200	2200	2200	1800	1800	1800	1700	1400	1100	700	500	200	
	.50	1700	1700	1700	1300	1300	1200	800	800	300	0	0	0	
	.10	1300	1300	1300	900	900	800	300	300	0	0	0	0	
	.90	2700	2200	2200	2100	2100	1800	1700	1700	1400	1200	700	600	500
3800	.50	2200	1700	1700	1300	1300	1200	1200	1000	500	100	0	0	
	.10	1800	1400	1300	900	900	800	800	700	100	0	0	0	
	.90	3400	3400	3400	3400	3400	3000	3000	3000	3000	2300	2000	1400	
	.50	2400	2200	1700	1700	1700	1300	1200	1100	700	500	200	100	
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0	
	.90	2200	2200	2200	1800	1800	1800	1700	1400	1100	700	500	200	
	.50	1700	1700	1700	1300	1300	1200	800	800	300	0	0	0	
	.10	1300	1300	1300	900	900	800	300	300	0	0	0	0	
	.90	2700	2200	2200	2100	2100	1800	1700	1700	1400	1200	700	600	500
	.50	2200	1700	1700	1300	1300	1200	1200	1000	500	100	0	0	
3900	.10	1800	1300	1300	900	900	800	800	700	100	0	0	0	
	.90	3400	3400	3400	3400	3400	3000	3000	3000	3000	2300	2000	1400	
	.50	2400	2200	1700	1700	1700	1300	1200	1100	700	500	200	100	
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0	
	.90	2200	2200	2200	1800	1800	1800	1700	1400	1100	700	500	200	
	.50	1700	1700	1700	1300	1300	1200	800	800	300	0	0	0	
	.10	1300	1300	1300	900	900	800	300	300	0	0	0	0	
	.90	2700	2200	2200	2100	2100	1800	1700	1700	1400	1200	700	600	500
	.50	2200	1700	1700	1300	1300	1200	1200	1000	500	100	0	0	
	.10	1800	1400	1400	1300	1300	900	800	800	200	0	0	0	
4000	.90	3400	3400	3400	3400	3400	3000	3000	3000	3000	2300	2000	1400	
	.50	2400	2200	1700	1700	1700	1300	1200	1100	700	500	200	100	
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0	
	.90	2200	2200	2200	1800	1800	1800	1700	1400	1100	700	500	200	
	.50	1700	1700	1700	1300	1300	1200	800	800	300	0	0	0	
	.10	1300	1300	1300	900	900	800	300	300	0	0	0	0	
	.90	2700	2200	2200	2100	2100	1800	1700	1700	1400	1200	700	600	500
	.50	2200	1700	1700	1300	1300	1200	1200	1000	500	100	0	0	
	.10	1800	1400	1400	1300	1300	900	800	800	200	0	0	0	
	.90	3400	3400	3400	3400	3400	3000	3000	3000	3000	2300	2000	1400	
4100	.50	2400	2200	1700	1700	1700	1300	1200	1100	700	500	200	100	
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0	
	.90	2200	2200	2200	1800	1800	1800	1700	1400	1100	700	500	200	
	.50	1700	1700	1700	1300	1300	1200	800	800	300	0	0	0	
	.10	1300	1300	1300	900	900	800	300	300	0	0	0	0	
	.90	2700	2200	2200	2100	2100	1800	1700	1700	1400	1200	700	600	500
	.50	2200	1700	1700	1300	1300	1200	1200	1000	500	100	0	0	
	.10	1800	1400	1400	1300	1300	900	800	800	200	0	0	0	
	.90	3400	3400	3400	3400	3400	3000	3000	3000	3000	2300	2000	1400	
	.50	2400	2200	1700	1700	1700	1300	1200	1100	700	500	200	100	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD; SPANNING MONTH -- MAY INCUBATION MONTH -- JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2200	2200	2200	2200	1800	1700	1400	1300	800	500	300	0
	.50	1700	1700	1700	1700	1300	1200	1000	700	300	0	0	0
	.10	1300	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2700	2200	2200	2200	2100	1800	1700	1700	1300	700	600	500
	.50	2200	1700	1700	1700	1400	1300	1200	1000	600	100	0	0
	.10	1800	1400	1300	1300	1000	900	800	700	200	0	0	0
	.90	3400	3400	3400	3400	3400	3400	3000	3000	3000	2300	2200	1800
	.50	2400	2200	1700	1700	1700	1500	1500	1500	1100	1100	700	600
	.10	2000	1800	1400	1400	1300	1000	900	800	300	0	0	0
3900	.90	2200	2200	2200	2200	1800	1700	1500	1400	800	600	300	100
	.50	1700	1700	1700	1700	1300	1200	1000	800	300	0	0	0
	.10	1400	1300	1300	1300	900	800	700	300	0	0	0	0
	.90	2700	2200	2200	2200	2200	1900	1800	1700	1300	800	600	600
	.50	2200	1700	1700	1700	1700	1300	1200	1000	600	100	0	0
	.10	1800	1400	1400	1300	1300	900	800	700	200	0	0	0
	.90	3400	3400	3400	3400	3400	3400	3100	3000	3000	3000	2300	2000
	.50	2600	2200	1700	1700	1700	1500	1500	1200	1100	1100	700	600
	.10	2100	1800	1400	1400	1300	1300	900	800	300	0	0	0
4000	.90	2700	2200	2200	2200	1800	1700	1700	1400	1000	600	400	200
	.50	2200	1700	1700	1700	1300	1200	1200	1000	400	0	0	0
	.10	1800	1400	1300	1300	900	800	800	700	100	0	0	0
	.90	2900	2200	2200	2200	2200	2100	1900	1700	1400	900	600	600
	.50	2400	1700	1700	1700	1700	1300	1200	1200	700	100	0	0
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0
	.90	3400	3400	3400	3400	3400	3400	3400	3400	3000	3000	2300	2100
	.50	2600	2200	1700	1700	1700	1500	1500	1500	1200	1100	1000	600
	.10	2100	1800	1400	1400	1300	1300	1000	900	300	0	0	0
4100	.90	2700	2200	2200	2200	1900	1800	1700	1400	1000	600	400	200
	.50	2200	1700	1700	1700	1400	1300	1200	1000	500	100	0	0
	.10	1800	1400	1300	1300	1000	900	800	700	100	0	0	0
	.90	2900	2700	2300	2300	2200	2200	2000	1900	1400	1000	700	600
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
	.90	3400	3400	3400	3400	3400	3400	3400	3000	3000	3000	2300	2300
	.50	2800	2200	2000	1700	1700	1700	1500	1500	1300	1100	1100	700
	.10	2300	1800	1600	1400	1400	1300	1000	900	300	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	2700	2200	2200	2200	2100	1800	1700	1700	1000	700	500	300
	.50	2200	1700	1700	1700	1700	1300	1200	1000	600	100	0	0
	.10	1800	1400	1300	1300	1300	900	800	700	200	0	0	0
	.90	2900	2700	2300	2300	2300	2200	2200	2100	1400	1200	700	600
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	300	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	300	0	0	0
	.90	3500	3400	3400	3400	3400	3400	3400	3400	3000	3000	2300	2300
	.50	2900	2600	2200	1900	1700	1700	1700	1500	1500	1100	1100	800
	.10	2400	2200	1800	1400	1400	1300	1300	1000	500	0	0	0
4300	.90	2900	2200	2200	2200	2200	1800	1700	1700	1200	700	500	300
	.50	2400	1700	1700	1700	1700	1300	1200	1200	600	100	0	0
	.10	2000	1400	1400	1300	1300	900	800	800	200	0	0	0
	.90	2900	2700	2300	2300	2300	2200	2200	2200	1600	1300	800	600
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	300	100	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
	.90	3500	3400	3400	3400	3400	3400	3400	3400	3200	3000	3000	2300
	.50	2900	2600	2200	1900	1900	1700	1700	1700	1500	1100	1100	1000
	.10	2400	2200	1800	1400	1400	1400	1300	1300	500	0	0	0
	.90	2900	2700	2200	1900	1900	1900	1800	1700	1300	700	600	400
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	100	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	200	0	0	0
	.90	2900	2700	2400	2400	2400	2200	2200	2200	1700	1300	1000	700
	.50	2400	2200	1700	1700	1700	1700	1400	1300	700	300	100	0
	.10	2000	1800	1400	1400	1300	1300	1000	900	300	0	0	0
	.90	3600	3400	3400	3400	3400	3400	3400	3400	3300	3000	3000	2300
	.50	3000	2600	2400	2200	1900	1700	1700	1700	1500	1200	1100	1100
	.10	2500	2200	2000	1800	1400	1400	1300	1300	700	100	0	0
	.90	2900	2700	2200	2200	2200	1900	1800	1700	1300	700	600	400
	.50	2400	2200	1700	1700	1700	1400	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1000	900	800	300	0	0	0
	.90	3200	2700	2400	2400	2400	2300	2200	2200	1900	1400	1000	700
	.50	2600	2200	1700	1700	1700	1700	1400	1300	800	500	100	0
	.10	2100	1800	1400	1400	1400	1300	1000	900	300	0	0	0
	.90	3600	3600	3400	3400	3400	3400	3400	3400	3400	3000	3000	2300
	.50	3000	3000	2600	2200	1900	1900	1700	1700	1500	1300	1100	1100
	.10	2500	2500	2200	1800	1400	1400	1400	1300	700	100	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	2900	2700	2200	2200	2200	2100	1800	1800	1300	800	600	500
	.50	2400	2200	1700	1700	1700	1700	1300	1200	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	900	800	300	0	0	0
	.90	3200	2700	2500	2500	2500	2300	2300	2200	2000	1400	1100	700
	.50	2600	2200	2000	1700	1700	1700	1500	1300	800	600	100	0
	.10	2200	1800	1600	1400	1400	1300	1000	900	300	0	0	0
	.90	3600	3600	3400	3400	3400	3400	3400	3400	3400	3000	3000	2500
	.50	3000	3000	2600	2400	1900	1900	1700	1700	1500	1500	1100	1100
	.10	2500	2500	2200	2000	1400	1400	1400	1400	700	100	0	0
4700	.90	2900	2700	2200	2200	2200	2100	1900	1800	1300	800	600	500
	.50	2400	2200	1700	1700	1700	1700	1400	1300	700	200	0	0
	.10	2000	1800	1400	1400	1300	1300	1000	900	300	0	0	0
	.90	3400	3100	2700	2500	2500	2300	2300	2200	2000	1400	1300	800
	.50	2800	2600	2200	1900	1700	1700	1700	1400	800	600	100	0
	.10	2300	2200	1800	1400	1400	1300	1300	1000	500	0	0	0
	.90	3600	3600	3400	3400	3400	3400	3400	3400	3400	3000	3000	3000
	.50	3000	3000	2600	2400	1900	1900	1900	1700	1500	1500	1100	1100
	.10	2500	2500	2200	2100	1400	1400	1400	1400	800	200	0	0
4800	.90	2900	2700	2200	2200	2200	2100	1900	1800	1400	1000	700	500
	.50	2400	2200	1700	1700	1700	1700	1400	1300	700	300	0	0
	.10	2000	1800	1400	1400	1400	1300	1000	900	300	0	0	0
	.90	3500	3100	2700	2600	2600	2500	2300	2300	2000	1400	1300	900
	.50	2900	2600	2200	2000	1700	1700	1700	1700	1000	600	100	0
	.10	2400	2200	1800	1600	1400	1400	1300	1300	600	0	0	0
	.90	3600	3600	3500	3500	3500	3500	3400	3400	3400	3000	3000	3000
	.50	3000	3000	2600	2600	2000	1900	1900	1900	1600	1500	1100	1100
	.10	2500	2500	2200	2200	1600	1400	1400	1400	800	200	0	0
4900	.90	3200	2700	2500	2200	2200	2100	2000	1900	1400	1000	700	600
	.50	2600	2200	2000	1700	1700	1700	1500	1300	800	300	0	0
	.10	2200	1800	1600	1400	1400	1300	1000	900	300	0	0	0
	.90	3500	3100	2800	2700	2600	2600	2500	2300	2100	1400	1400	1000
	.50	2900	2600	2400	2200	1900	1700	1700	1700	1000	600	200	100
	.10	2400	2200	2100	1800	1400	1400	1300	1300	700	100	0	0
	.90	3900	3600	3500	3500	3500	3500	3400	3400	3400	3000	3000	3000
	.50	3400	3000	2600	2600	2200	1900	1900	1900	1600	1500	1100	1100
	.10	3000	2500	2300	2200	1800	1400	1400	1400	800	200	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MAY INCUBATION MONTH -- JUNE

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5000	.90	.90	3200	2700	2200	2200	2200	2100	1900	1400	1000	700	600	
		.50	2600	2200	1700	1700	1700	1700	1700	1400	800	300	0	0
		.10	2200	1800	1400	1400	1300	1300	1300	1000	500	0	0	0
		.90	3600	2900	2700	2700	2700	2700	2500	2300	2100	1700	1400	1100
		.50	3000	2400	2200	1900	1700	1700	1700	1700	1000	600	200	100
		.10	2500	2100	1800	1400	1400	1400	1400	1300	700	100	0	0
		.90	4000	3600	3600	3600	3600	3600	3400	3400	3400	3000	3000	3000
		.50	3500	3000	2600	2200	1900	1900	1900	1900	1700	1500	1300	1300
		.10	3100	2500	2200	1800	1800	1400	1400	1400	1200	300	0	0
		.90	3400	2700	2500	2200	2200	2200	2100	2100	1400	1100	700	600
5100	.90	.50	2800	2200	2000	1700	1700	1700	1400	1000	300	100	0	
		.10	2300	1800	1600	1400	1300	1300	1000	500	0	0	0	
		.90	3600	3100	3000	3000	2700	2700	2700	2500	2300	1900	1400	1300
		.50	3000	2600	2400	1900	1900	1900	1700	1700	1100	700	400	100
		.10	2500	2200	2100	1400	1400	1400	1400	1400	700	200	0	0
		.90	4000	3600	3600	3600	3600	3600	3400	3400	3400	3100	3000	3000
		.50	3500	3000	2600	2600	2400	1900	1900	1900	1700	1500	1500	1100
		.10	3100	2500	2200	2200	2100	1400	1400	1400	1300	300	0	0
		.90	3500	3100	2700	2700	2500	2200	2100	2100	1700	1300	400	100
		.50	2900	2400	2200	1900	1900	1700	1700	1700	1000	400	100	0
5200	.90	.10	2400	2100	1800	1400	1400	1400	1300	700	100	0	0	
		.90	3600	3100	3000	3000	3000	3000	2800	2800	2300	2000	1400	1400
		.50	3000	2600	2400	2000	1900	1900	1900	1700	1200	800	600	100
		.10	2500	2200	2100	1600	1600	1400	1400	1400	800	200	0	0
		.90	4000	3700	3700	3700	3700	3700	3400	3400	3400	3400	3000	3000
		.50	3500	3000	2600	2400	2400	1900	1900	1900	1700	1500	1500	1100
		.10	3100	2500	2200	2200	2100	1400	1400	1400	1300	300	0	0
		.90	3500	3100	2700	2700	2500	2200	2200	2200	1600	1300	800	600
		.50	2900	2400	2200	2200	1900	1700	1700	1700	1000	500	100	0
		.10	2400	2100	1800	1400	1400	1400	1400	1300	700	100	0	0
5300	.90	.50	3600	3100	3100	3000	3000	3000	3000	2300	2100	1700	1400	
		.10	3000	2600	2600	2600	2200	1900	1900	1900	1200	900	600	
		.90	4000	3700	3700	3700	3700	3400	3400	3400	3400	3000	3000	
		.50	3500	3000	2600	2600	2400	1900	1900	1900	1700	1500	1500	
		.10	3100	2500	2300	2200	2100	1400	1400	1400	1300	300	0	
		.90	3500	3100	2900	2700	2500	2200	2200	2200	1600	1300	800	600
		.50	2900	2400	2400	2200	1900	1700	1700	1700	1000	500	100	0
		.10	2400	2100	1800	1800	1400	1400	1400	1300	700	100	0	0
		.90	3600	3600	3100	3100	3000	3000	3000	3000	2300	2100	1700	1400
		.50	3000	3000	2600	2600	2200	1900	1900	1900	1200	900	600	200
5400	.90	.10	2500	2200	2200	1800	1800	1400	1400	1400	200	0	0	
		.90	4400	3700	3700	3700	3700	3700	3400	3400	3400	3000	3000	
		.50	3900	3100	3000	3000	2500	2000	1900	1900	1700	1500	1500	
		.10	3500	2600	2500	2500	2200	1600	1400	1400	800	200	0	
		.90	4000	3700	3700	3700	3700	3700	3400	3400	3400	3000	3000	
		.50	3500	3100	3000	3000	2500	2000	1900	1900	1700	1500	1500	
		.10	3100	2600	2500	2500	2200	1600	1400	1400	800	200	0	
		.90	4000	3700	3700	3700	3700	3700	3400	3400	3400	3000	3000	
		.50	3500	3100	3000	3000	2500	2000	1900	1900	1700	1500	1500	
		.10	3100	2600	2500	2500	2200	1600	1400	1400	800	200	0	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD:  
 SPANNING MONTH -- MAY INCUBATION MONTH -- JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	3600	3200	3100	2800	2500	2500	2200	2200	1700	1300	800	700
	.50	3000	2600	2600	2400	1900	1900	1700	1700	1000	600	100	0
	.10	2500	2300	2200	2100	1400	1400	1400	1300	700	100	0	0
	.90	3900	3600	3100	3100	3000	3000	3000	3000	2500	2300	2000	1400
	.50	3400	3000	2600	2600	2200	1900	1900	1900	1300	1000	600	500
	.10	3000	2500	2300	2200	1800	1400	1400	1400	900	200	0	0
	.90	4900	4100	3800	3800	3800	3800	3400	3400	3400	3400	3000	3000
	.50	3900	3600	3000	3000	2600	2200	1900	1900	1900	1500	1500	1100
	.10	3500	3200	2500	2500	2200	1800	1400	1400	1400	500	0	0
5500	.90	3600	3600	3100	2800	2500	2500	2300	2200	1900	1400	1000	700
	.50	3000	3000	2600	2400	2000	1900	1700	1700	1200	600	100	0
	.10	2500	2500	2200	2100	1600	1400	1400	1400	800	200	0	0
	.90	4000	3600	3500	3100	3000	3000	3000	3000	2900	2300	2000	1700
	.50	3500	3000	2900	2600	2400	1900	1900	1900	1500	1100	700	600
	.10	3100	2500	2400	2200	2100	1400	1400	1400	1200	300	0	0
	.90	4900	4900	3800	3800	3800	3800	3400	3400	3400	3400	3000	3000
	.50	3900	3700	3100	3000	2600	2200	1900	1900	1900	1500	1500	1200
	.10	3500	3300	2500	2500	2200	1800	1400	1400	1400	500	0	0
5600	.90	3600	3600	3100	2900	2700	2500	2500	2300	2000	1400	1100	700
	.50	3000	3000	2600	2500	2200	1900	1900	1700	1200	600	100	0
	.10	2500	2500	2200	2200	1800	1400	1400	1400	800	200	0	0
	.90	4000	3600	3600	3400	3000	3000	3000	3000	3000	2300	2200	2000
	.50	3500	3000	3000	2600	2400	1900	1900	1900	1700	1100	800	600
	.10	3100	2500	2500	2200	2100	1400	1400	1400	1300	300	0	0
	.90	4900	4900	4200	3800	3800	3800	3400	3400	3400	3400	3000	3000
	.50	4000	3700	3200	3000	2600	2400	2000	1900	1900	1500	1500	1400
	.10	3600	3300	2500	2500	2200	2200	1400	1400	1400	700	0	0
5700	.90	3900	3600	3100	3100	2700	2500	2500	2500	2100	1400	1300	800
	.50	3400	3000	2600	2600	2200	1900	1900	1900	1300	700	200	100
	.10	3000	2500	2200	2200	1800	1400	1400	1400	900	200	0	0
	.90	4000	3600	3600	3400	3400	3100	3000	3000	3000	2500	2300	2000
	.50	3500	3000	3000	2600	2400	2000	1900	1900	1700	1100	1000	600
	.10	3100	2500	2500	2200	2100	1600	1400	1400	1300	300	0	0
	.90	4900	4900	4900	4200	3900	3900	3600	3400	3400	3400	3000	3000
	.50	4000	3900	3700	3200	2600	2400	2200	2000	1900	1500	1500	1500
	.10	3600	3300	3300	3300	2200	2100	1600	1400	1400	700	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
5800	.90	4000	3600	3100	3100	2800	2500	2500	2500	2200	1600	1300	900	
	.50	3500	3000	2600	2600	2400	1900	1900	1900	1400	700	300	100	
	.10	3100	2500	2300	2200	2100	1400	1400	1400	1000	200	0	0	
	.90	4400	3600	3600	3400	3400	3400	3100	3000	3000	2500	2300	2200	
	.50	3900	3000	3000	2600	2500	2200	1900	1900	1700	1100	1100	700	
	.10	3500	2500	2500	2300	2200	1800	1400	1400	1300	500	0	0	
	.90	4900	4900	4900	4200	3900	3900	3900	3600	3500	3400	3400	3000	3000
	.50	4100	3900	3700	3200	3000	3000	2500	2200	2000	1900	1700	1500	1500
	.10	3700	3500	3300	2500	2300	2300	2100	1800	1400	1400	700	0	0
	.90	4000	3600	3500	3100	2800	2800	2500	2500	2500	2200	1800	1400	1000
5900	.50	3500	3000	2900	2600	2400	1900	1900	1900	1700	700	300	100	
	.10	3100	2500	2400	2200	2100	1400	1400	1400	1300	300	0	0	
	.90	4400	4100	3600	3600	3400	3400	3400	3400	3000	3000	2500	2300	
	.50	3900	3600	3000	3000	2500	2200	1900	1900	1700	1200	1100	1000	
	.10	3500	3200	2500	2500	2200	1800	1400	1400	1400	500	0	0	
	.90	5300	4900	4900	4200	4000	4000	3900	3500	3500	3400	3400	3000	3000
	.50	4100	4100	3700	3700	3000	2600	2400	2200	2200	1900	1700	1500	1500
	.10	3700	3700	3300	3300	2300	2200	1800	1400	1400	1400	800	100	0
	.90	4000	3600	3600	3100	2800	2800	2500	2500	2500	2200	1900	1400	1100
	.50	3500	3000	3000	2600	2400	2400	1900	1900	1900	1700	700	400	100
6000	.90	3100	2500	2500	2200	2100	1400	1400	1400	1300	300	0	0	
	.50	4400	4200	3600	3600	3400	3400	3400	3400	3000	3000	2500	2300	
	.10	3900	3700	3300	3300	2300	2200	1800	1400	1400	1400	1100	1100	
	.90	4000	3600	3600	3100	2800	2800	2500	2500	2200	1900	1400	1100	
	.50	3500	3000	3000	2600	2400	2400	1900	1900	1900	1700	700	400	
	.10	3100	2500	2500	2200	2100	1400	1400	1400	1400	300	0	0	
	.90	4400	4200	3600	3600	3400	3400	3400	3400	3400	3000	3000	2500	2300
	.50	3900	3700	3300	3300	2300	2200	1800	1400	1400	1400	1100	1100	
	.10	3100	2500	2500	2200	2100	1400	1400	1400	1400	300	0	0	
	.90	4000	3600	3600	3100	2800	2800	2500	2500	2500	2200	1900	1400	1100
6100	.50	3500	3300	2500	2500	2200	2000	1400	1400	1400	500	0	0	
	.10	5300	4900	4900	4400	4000	4000	3900	3600	3600	3400	3400	3000	
	.90	4100	4100	3700	3700	3000	2600	2400	2400	1900	1700	1500	1500	
	.50	3700	3700	3300	3300	2500	2200	2100	2200	1600	1400	100	0	
	.10	3400	3600	3600	3100	2900	2500	2500	2500	2300	1900	1400	1200	
	.90	4400	3600	3600	3000	2500	2000	2000	1900	1900	1700	800	500	
	.50	3900	3000	3000	2600	2500	2100	1600	1400	1400	1300	300	0	
	.10	3500	2500	2500	2300	2100	1600	1600	1400	1400	1300	300	0	
	.90	4500	4200	3600	3600	3400	3400	3400	3400	3400	3000	3000	2500	2300
	.50	4000	3700	3000	3000	2600	2400	2400	2000	1900	1700	1500	1100	1100
6200	.10	3600	3300	2500	2500	2200	2100	1600	1400	1400	600	0	0	
	.90	5300	4900	4900	4700	4200	4000	4000	3600	3600	3400	3400	3000	
	.50	4200	4200	3700	3700	3200	2600	2600	2200	2200	1900	1700	1500	
	.10	3800	3800	3300	3300	2500	2200	2200	2100	1400	1400	900	100	
	.90	4000	3600	3600	3100	2800	2800	2500	2500	2200	1800	1400	1000	
	.50	3500	3000	3000	2600	2400	2400	1900	1900	1900	1700	700	400	
	.10	3100	2500	2500	2200	2100	1400	1400	1400	1400	300	0	0	
	.90	4000	3600	3600	3100	2800	2800	2500	2500	2500	2200	1900	1400	1100
	.50	3500	3000	3000	2600	2400	2400	1900	1900	1900	1700	700	400	
	.10	3100	2500	2500	2200	2100	1400	1400	1400	1400	300	0	0	

PAGE 118  
**TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD:**  
**SPAWNING MONTH - MAY**      **INCUBATION MONTH - JUNE**

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6200	.90	4400	4100	3600	3100	2900	2700	2600	2500	2300	2000	1400	1300	
	.50	3900	3600	3000	2600	2500	2200	1900	1900	1700	800	600	100	
	.10	3500	3200	2500	2300	2200	1800	1400	1400	1400	500	0	0	
	.90	4500	4400	4200	3600	3400	3400	3400	3400	3200	3000	3000	2300	
	.50	4000	3900	3700	3000	2600	2400	2200	1900	1900	1500	1100	1100	
	.10	3600	3500	3300	2500	2200	2100	1800	1800	1400	700	0	0	
	.90	5400	4900	4900	4700	4200	4000	4000	3600	3400	3400	3400	3400	3000
	.50	4900	4200	3700	3700	3200	2600	2600	2400	1900	1900	1700	1500	1500
	.10	4500	3800	3300	3300	2500	2200	2200	1800	1400	1400	1000	200	0
	.90	4400	4200	3600	3600	3000	2700	2700	2600	2300	2300	2000	1500	1400
6300	.90	3900	3700	3000	3000	2600	2200	1900	1900	1700	900	600	100	
	.50	3500	3300	2500	2500	2200	1800	1400	1400	1400	500	0	0	
	.10	4600	4400	4200	3600	3400	3400	3400	3400	3200	3000	3000	2500	
	.90	4100	3900	3700	3000	2600	2400	2200	1900	1900	1500	1100	1100	
	.50	3700	3500	3300	2500	2300	2100	1800	1400	1400	700	0	0	
	.10	5400	4900	4900	4900	4200	4000	4000	4000	3400	3400	3400	3000	3000
	.90	4900	4300	3900	3700	3400	3400	2500	2400	2000	2000	1900	1500	1500
	.50	4500	3900	3500	3300	2900	2200	2100	2100	2100	1400	1200	200	0
	.10	4500	4200	3600	3600	3100	2800	2700	2700	2700	2500	2100	1700	1400
	.90	4000	3700	3000	3000	2600	2400	2400	2000	1900	1700	1000	600	200
6400	.90	4600	4600	4200	4200	2200	2100	1600	1400	1400	500	0	0	
	.50	4100	4100	3700	3700	3400	3400	3400	3400	3400	3000	3000	2500	
	.10	3700	3700	3300	3300	2300	2200	2100	2000	1900	1500	1300	1100	
	.90	5500	5100	4900	4900	4200	4100	4000	4000	3400	3400	3400	3000	
	.50	5000	4600	3900	3700	3700	3000	2600	2400	2000	1500	1300	1500	
	.10	4600	4200	3500	3300	3300	2300	2200	2100	1600	800	0	0	
	.90	4500	4400	4200	3600	3100	3000	2800	2700	2700	2500	2200	1900	1400
	.50	4000	3900	3700	3000	2600	2400	2400	2200	1900	1700	1000	600	300
	.10	3600	3500	3300	2500	2200	2100	1800	1800	1400	1400	600	0	0
	.90	4600	4600	4200	4200	3600	3400	3400	3400	3400	3400	3000	3000	2800
6500	.90	4100	4100	3700	3700	3000	2500	2400	2200	1900	1500	1400	1100	
	.50	3700	3700	3300	3300	2500	2200	2100	2000	1400	1300	300	0	
	.10	5500	5100	4900	4900	4200	4100	4000	4000	3400	3400	3400	3000	
	.90	5000	4600	3900	3700	3700	3000	2600	2400	2000	1500	1300	1500	
	.50	4600	4200	3500	3300	3300	2300	2200	2100	1400	1300	300	0	
	.10	4500	4400	4200	3600	3100	3000	2800	2700	2700	2500	2200	1900	1400
	.90	4000	3900	3700	3000	2600	2400	2400	2200	1900	1700	1000	600	300
	.50	3600	3500	3300	2500	2200	2100	1800	1800	1400	1400	600	0	0
	.10	4600	4600	4200	4200	3600	3400	3400	3400	3400	3400	3000	3000	2800
	.90	4100	4100	3700	3700	3000	2500	2400	2200	2200	1900	1500	1400	1100
6600	.90	3700	3700	3300	3300	2500	2200	2100	1800	1400	800	100	0	
	.50	3300	3300	3000	3000	2500	2200	2100	1800	1400	800	100	0	
	.10	5500	5200	4900	4900	4200	4100	4000	4000	3400	3400	3400	3000	
	.90	5000	4700	4400	4400	3700	3000	2600	2400	2000	1500	1400	1100	
	.50	4600	4300	4000	3700	3300	2200	2100	2000	1400	1300	300	0	
	.10	4500	4200	3600	3600	3100	2800	2700	2700	2500	2200	1900	1400	
	.90	4000	3900	3700	3000	2600	2400	2400	2200	1900	1700	1000	600	300
	.50	3600	3500	3300	2500	2200	2100	1800	1800	1400	1400	600	0	0
	.10	4600	4600	4200	4200	3600	3400	3400	3400	3400	3400	3000	3000	2800
	.90	4100	4100	3700	3700	3000	2500	2400	2200	2200	1900	1500	1400	1100

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - JUNE

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6600	.90	.90	4600	4400	4200	3600	3100	3000	3000	2500	2300	2000	1400
	.50	.50	4100	3900	3700	3000	2600	2200	1900	1900	1100	700	600
	.10	.10	3700	3500	3300	2500	2200	1800	1400	1400	700	0	0
	.90	.90	4700	4700	4200	4200	3600	3400	3400	3400	3000	3000	3000
	.50	.50	4200	4200	3700	3700	3000	2400	2200	1900	1500	1500	1100
	.10	.10	3800	3800	3300	3300	2500	2100	1800	1400	800	100	0
	.90	.90	5600	5200	4900	4900	4200	4000	4000	3400	3400	3400	3000
	.50	.50	5100	4700	4400	3900	3700	2600	2500	2000	1900	1500	1500
	.10	.10	4700	4300	4000	3500	3300	2200	2100	1400	1300	300	0
6700	.90	.90	4600	4600	4200	4200	3100	3000	3000	2500	2300	2100	1800
	.50	.50	4100	4100	3700	3700	2600	2400	2000	1900	1100	800	600
	.10	.10	3700	3700	3300	3300	2300	2100	1600	1400	700	0	0
	.90	.90	5400	4700	4200	4200	3600	3400	3400	3400	3000	3000	3000
	.50	.50	4900	4200	3700	3700	3000	2600	2400	1900	1500	1500	1100
	.10	.10	4500	3800	3300	3300	2500	2100	2000	1400	900	200	0
	.90	.90	5600	5300	5000	4900	4200	4100	4000	3400	3400	3400	3000
	.50	.50	5100	4800	4500	3900	3700	2600	2500	2000	1900	1700	1500
	.10	.10	4700	4400	4100	3500	3300	2200	2200	1400	1400	300	0
6800	.90	.90	4600	4600	4200	4200	3600	3000	3000	2900	2500	2300	2000
	.50	.50	4100	4100	3700	3700	3000	2400	2200	1900	1100	1000	600
	.10	.10	3700	3700	3300	3300	2500	2100	1800	1400	800	0	0
	.90	.90	5400	4800	4400	4200	4000	3500	3400	3400	3000	3000	3000
	.50	.50	4900	4300	3900	3700	3400	2500	2400	1900	1600	1500	1100
	.10	.10	4500	3900	3500	3300	2900	2200	2100	1400	1200	200	0
	.90	.90	5700	5300	5000	4900	4200	4200	4000	3700	3400	3400	3000
	.50	.50	5200	4800	4500	3900	3700	3000	2600	2100	1900	1700	1500
	.10	.10	4800	4400	4100	3500	3300	2300	2200	1400	1400	500	0
6900	.90	.90	4700	4700	4200	4200	3600	3000	3000	2900	2500	2300	2000
	.50	.50	4200	4200	3700	3700	3000	2400	2200	1900	1200	1000	600
	.10	.10	3800	3800	3300	3300	2500	2100	1800	1400	800	100	0
	.90	.90	5500	5100	4400	4200	4200	3500	3400	3400	3100	3000	3000
	.50	.50	5000	4600	3900	3700	3700	2500	2400	1900	1700	1500	1200
	.10	.10	4600	4200	3500	3300	3300	2200	2100	1400	1300	200	0
	.90	.90	5700	5300	5000	4900	4200	4200	4000	3700	3400	3400	3100
	.50	.50	5200	4800	4500	3900	3700	3000	2600	2100	1900	1700	1500
	.10	.10	4800	4400	4100	3500	3300	2300	2200	1400	1400	500	0

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90		5400	4700	4200	3600	3100	3000	3000	3000	2500	2300	2200
	.50		4900	4200	3700	3000	2600	2400	2200	1900	1300	1100	700
	.10		4500	3800	3300	2500	2200	2100	1800	1400	900	100	0
	.90	.50	5500	5200	4200	4200	3600	3600	3600	3400	3400	3000	3000
	.50		5000	4700	3700	3700	3000	2600	2400	1900	1700	1500	1500
	.10		4600	4300	3300	3300	2500	2200	2100	1400	1300	300	0
	.90	.10	5800	5700	4900	4300	4300	4200	4200	3700	3400	3400	3400
	.50		5300	4600	3900	3700	3700	3000	2600	2100	1900	1700	1500
	.10		4900	4200	3500	3300	3300	2500	2200	1400	1400	500	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	600	600	500	400	300	300	200	100	0	0	0	0
	.50	300	300	200	100	0	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1100	1100	600	600	500	300	0	0	0
	.50	500	500	500	300	300	100	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	3100	3100	3100	2600	2600	1900	1800	1800	1200	1000	600	400
	.50	1400	1400	1400	900	900	600	500	300	200	0	0	0
	.10	300	300	200	100	100	0	0	0	0	0	0	0
1500	.90	700	600	600	500	400	300	300	200	0	0	0	0
	.50	400	300	300	200	100	0	0	0	0	0	0	0
	.10	0	0	0	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1100	1100	900	600	600	300	100	0	0
	.50	600	600	500	500	300	200	100	0	0	0	0	0
	.10	200	200	100	100	0	0	0	0	0	0	0	0
	.90	3200	3200	3200	3200	2600	1900	1900	1800	1500	1100	700	500
	.50	1500	1500	1500	1500	900	700	600	500	200	0	0	0
	.10	400	300	300	200	100	0	0	0	0	0	0	0
	.90	800	800	600	600	400	300	300	300	0	0	0	0
	.50	500	500	300	300	100	0	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1100	1100	1100	800	600	400	200	0	0
	.50	700	600	600	500	400	300	100	100	0	0	0	0
	.10	200	200	200	100	0	0	0	0	0	0	0	0
	.90	3200	3200	3200	3200	2600	1900	1900	1900	1700	1100	900	600
	.50	1500	1500	1500	1500	900	900	600	600	200	100	0	0
	.10	400	300	300	200	200	100	0	0	0	0	0	0
	.90	900	800	700	700	500	400	300	300	0	0	0	0
	.50	500	500	400	300	200	100	0	0	0	0	0	0
	.10	100	100	0	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1500	1100	1100	1100	900	800	400	300	0	0
	.50	800	700	600	600	500	300	300	100	0	0	0	0
	.10	300	200	200	200	100	0	0	0	0	0	0	0
	.90	3300	3300	3300	3300	2600	2600	1900	1900	1700	1100	1000	700
	.50	1600	1600	1600	1600	900	900	700	600	300	100	0	0
	.10	500	500	300	300	200	100	0	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	900	900	800	600	500	400	300	100	0	0	0	0
	.50	600	500	300	300	100	100	0	0	0	0	0	0
	.10	200	100	0	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1100	1100	1100	1000	900	500	300	0	0	0
	.50	900	800	600	500	400	300	200	0	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	3300	3300	3300	2600	2600	2300	1900	1800	1100	1100	800	800
	.50	1600	1600	1600	900	900	900	700	300	200	0	0	0
	.10	500	300	300	200	100	100	0	0	0	0	0	0
1900	.90	1000	900	900	700	600	500	400	200	0	0	0	0
	.50	600	600	500	400	300	100	100	0	0	0	0	0
	.10	200	200	100	0	0	0	0	0	0	0	0	0
	.90	1500	1500	1200	1100	1100	1100	1000	600	300	100	0	0
	.50	900	800	600	600	500	400	300	0	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	3400	3400	3400	2600	2600	2600	1900	1800	1200	1100	1000	1000
	.50	1700	1700	1700	900	900	900	800	400	200	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
2000	.90	1200	1000	900	800	600	600	500	200	0	0	0	0
	.50	800	600	600	500	300	200	100	0	0	0	0	0
	.10	300	200	200	100	0	0	0	0	0	0	0	0
	.90	1800	1800	1500	1100	1100	1100	1100	600	400	200	0	0
	.50	1000	900	600	600	500	500	300	0	0	0	0	0
	.10	500	500	300	200	100	0	0	0	0	0	0	0
	.90	3400	3400	3400	3200	2600	2600	2600	1800	1700	1100	1000	1000
	.50	1700	1700	1700	1500	900	900	900	500	200	100	0	0
	.10	1000	500	300	300	200	100	100	0	0	0	0	0
	.90	1200	1200	900	900	700	600	600	300	0	0	0	0
	.50	800	800	600	500	400	300	200	0	0	0	0	0
	.10	400	300	200	100	0	0	0	0	0	0	0	0
	.90	2500	1800	1500	1200	1100	1100	1100	800	500	300	100	100
	.50	1000	900	700	600	600	500	500	100	0	0	0	0
	.10	500	500	300	200	100	0	0	0	0	0	0	0
	.90	3500	3500	3500	3400	2600	2600	2600	1800	1700	1100	1100	1100
	.50	1800	1800	1800	1700	900	900	900	600	200	200	0	0
	.10	1100	500	500	300	200	200	100	0	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA -- STEELHEAD: SPawning MONTH -- MAY INCUBATION MONTH -- JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	1300	1200	1000	900	900	800	700	600	300	0	0	0
	.50	900	800	600	600	600	500	300	300	0	0	0	0
	.10	400	300	200	200	100	0	0	0	0	0	0	0
	.90	2500	1800	1800	1800	1400	1100	1100	1100	900	500	300	200
	.50	1100	900	800	800	600	600	500	500	100	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	3500	3500	3500	3500	3400	3200	2600	2600	1900	1700	1200	1100
	.50	1800	1800	1800	1800	1700	1600	1500	900	600	300	200	100
	.10	1100	1100	1000	500	300	200	200	100	0	0	0	0
2300	.90	1300	1200	1200	1000	900	800	800	700	400	100	0	0
	.50	900	900	800	600	600	500	400	300	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	2600	1900	1800	1800	1500	1200	1100	1100	900	600	400	300
	.50	1100	900	900	800	700	600	600	500	200	0	0	0
	.10	500	500	500	300	200	200	100	100	0	0	0	0
	.90	3500	3500	3500	3500	3400	3400	3200	2600	1900	1800	1500	1100
	.50	1900	1800	1800	1800	1700	1700	1500	1500	800	400	200	100
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
2400	.90	1500	1200	1200	1100	1000	900	800	800	500	200	0	0
	.50	1000	900	800	700	600	600	500	400	0	0	0	0
	.10	500	500	300	200	200	100	0	0	0	0	0	0
	.90	2600	2600	1800	1800	1700	1200	1100	1100	1000	600	500	300
	.50	1200	900	900	800	700	600	600	600	300	0	0	0
	.10	700	500	500	300	200	200	100	100	0	0	0	0
	.90	3600	3600	3600	3600	3600	3400	3400	3200	1900	1800	1700	1100
	.50	1900	1900	1900	1900	1900	1700	1700	1500	900	500	200	200
	.10	1100	1100	1100	1000	500	300	200	200	0	0	0	0
2500	.90	1500	1200	1200	1200	1100	900	900	800	500	300	0	0
	.50	1000	900	800	800	600	600	500	500	100	0	0	0
	.10	500	500	300	300	200	100	100	0	0	0	0	0
	.90	2700	2700	1900	1800	1800	1500	1200	1100	1100	800	500	300
	.50	1500	1000	900	900	800	600	600	600	300	0	0	0
	.10	1000	500	500	400	300	200	200	100	0	0	0	0
	.90	3600	3600	3600	3600	3600	3400	3400	3200	2600	1800	1700	1100
	.50	1900	1900	1900	1900	1900	1700	1700	1600	900	600	200	200
	.10	1100	1100	1100	1000	900	400	300	200	0	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	1500	1500	1200	1200	1100	1000	900	900	600	300	100	0
	.50	1100	900	800	800	600	600	600	500	100	0	0	0
	.10	500	500	300	300	200	200	100	100	0	0	0	0
	.90	2800	2800	1900	1900	1800	1700	1400	1200	1100	800	600	400
	.50	1600	1500	1100	900	800	700	600	600	300	100	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	3700	3700	3700	3700	3700	3400	3400	3200	2600	1800	1700	1200
	.50	2000	2000	2000	2000	2000	1700	1700	1600	900	600	300	200
	.10	1500	1500	1100	1100	1000	500	300	300	0	0	0	0
2700	.90	1500	1500	1200	1200	1200	1100	1000	900	700	400	200	0
	.50	1100	900	800	800	700	600	600	600	200	0	0	0
	.10	700	500	300	300	200	200	100	100	0	0	0	0
	.90	2800	2800	2000	1900	1800	1800	1500	1200	1100	900	600	500
	.50	1600	1600	1500	1100	900	800	600	600	400	100	0	0
	.10	1100	1100	1000	500	300	200	200	200	0	0	0	0
	.90	3700	3700	3700	3700	3700	3500	3400	3200	2600	1800	1700	1200
	.50	2000	2000	2000	2000	2000	1900	1700	1600	900	700	400	200
	.10	1500	1500	1100	1100	1000	500	500	300	100	0	0	0
2800	.90	1900	1500	1200	1200	1200	1100	1100	1000	800	500	300	0
	.50	1500	900	900	900	800	600	600	600	300	0	0	0
	.10	1000	500	400	400	300	200	200	100	0	0	0	0
	.90	2900	2900	2000	1900	1900	1800	1800	1500	1100	1000	700	500
	.50	1600	1600	1500	1500	900	800	700	600	500	100	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	3800	3800	3800	3800	3800	3500	3500	3200	2600	1900	1800	1400
	.50	2100	2100	2100	2100	2100	1900	1900	1600	1200	800	500	200
	.10	1500	1500	1500	1100	1000	900	500	400	100	0	0	0
2900	.90	2000	1900	1500	1200	1200	1100	1100	1100	800	500	300	100
	.50	1600	1500	900	900	800	700	600	600	300	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	2900	2900	2000	2000	1900	1800	1800	1700	1100	1000	800	600
	.50	1600	1600	1600	1500	1200	900	800	700	500	200	0	0
	.10	1100	1100	1100	1000	500	300	300	200	0	0	0	0
	.90	3800	3800	3800	3800	3800	3500	3500	3200	2600	1900	1800	1600
	.50	2100	2100	2100	2100	2100	1900	1900	1600	1200	800	500	300
	.10	1500	1500	1500	1100	1000	900	500	400	100	0	0	0
2900	.90	2000	1900	1500	1200	1200	1100	1100	1100	800	500	300	100
	.50	1600	1500	900	900	800	700	600	600	300	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	2900	2900	2000	2000	1900	1800	1800	1700	1100	1000	800	600
	.50	1600	1600	1600	1500	1200	900	800	700	500	200	0	0
	.10	1100	1100	1100	1000	500	300	300	200	0	0	0	0
	.90	3800	3800	3800	3800	3800	3500	3500	3200	2600	1900	1800	1600
	.50	2100	2100	2100	2100	2100	1900	1900	1600	1200	800	500	300
	.10	1500	1500	1500	1100	1000	900	500	400	100	0	0	0
2900	.90	2000	1900	1500	1200	1200	1100	1100	1100	800	500	300	100
	.50	1600	1500	900	900	800	700	600	600	300	0	0	0
	.10	1100	1000	500	500	300	200	200	100	0	0	0	0
	.90	2900	2900	2000	2000	1900	1800	1800	1700	1100	1000	800	600
	.50	1600	1600	1600	1500	1200	900	800	700	500	200	0	0
	.10	1100	1100	1100	1000	500	300	300	200	0	0	0	0
	.90	3800	3800	3800	3800	3800	3500	3500	3200	2600	1900	1800	1600
	.50	2100	2100	2100	2100	2100	1900	1900	1600	1200	800	500	300
	.10	1500	1500	1500	1100	1000	900	500	400	100	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	2000	2000	1900	1500	1200	1200	1100	1100	900	600	300	200
	.50	1600	1600	1500	900	800	700	600	600	400	0	0	0
	.10	1100	1100	1000	500	300	200	200	200	0	0	0	0
	.90	2900	2900	2900	2000	1900	1900	1800	1800	1200	1100	900	600
	.50	1600	1600	1600	1500	1300	900	800	700	500	200	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	3900	3900	3900	3900	3900	3500	3500	3500	2600	1900	1800	1700
	.50	2200	2200	2200	2200	2200	2000	1900	1900	1500	900	600	400
	.10	1500	1500	1500	1500	1100	1000	900	500	200	0	0	0
3100	.90	2000	2000	1900	1900	1200	1200	1100	1100	900	600	400	300
	.50	1600	1600	1500	1500	900	800	700	600	500	0	0	0
	.10	1100	1100	1000	1000	500	300	200	200	0	0	0	0
	.90	3000	3000	3000	2000	1900	1900	1800	1800	1200	1100	900	700
	.50	2000	2000	1600	1600	1500	1200	900	800	600	200	100	0
	.10	1500	1500	1100	1100	1000	500	400	300	0	0	0	0
	.90	4200	4200	4200	4200	3900	3900	3500	3500	3200	2300	1800	1800
	.50	2500	2500	2500	2500	2200	2200	2000	1900	1500	900	700	500
	.10	1500	1500	1500	1500	1100	1000	900	500	200	0	0	0
3200	.90	2000	2000	2000	1900	1500	1200	1200	1100	1000	700	500	300
	.50	1600	1600	1600	1500	900	800	700	600	500	100	0	0
	.10	1100	1100	1100	1000	500	300	200	200	0	0	0	0
	.90	3000	3000	3000	2600	2000	1900	1900	1800	1500	1100	1000	800
	.50	2000	2000	1600	1600	1500	1300	1100	900	600	300	100	0
	.10	1500	1500	1100	1100	1000	700	500	400	100	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4000	4000	3200	2600	1900	1800
	.50	2500	2500	2500	2500	2500	2500	2300	2300	1600	1200	900	600
	.10	2000	1500	1500	1500	1100	1000	1000	700	300	0	0	0
3300	.90	2000	2000	2000	1900	1700	1200	1200	1200	1000	700	500	300
	.50	1600	1600	1600	1500	1300	900	800	700	500	100	0	0
	.10	1100	1100	1100	1000	900	500	300	200	0	0	0	0
	.90	3100	3100	3100	2600	2400	1900	1900	1900	1700	1100	1000	900
	.50	2000	2000	2000	1600	1500	1400	1200	900	600	300	200	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3500	2600	1900	1800
	.50	2500	2500	2500	2500	2500	2500	2500	2500	1900	1500	900	700
	.10	2000	1600	1500	1500	1200	1000	1000	900	300	0	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2400	2400	2000	2000	1900	1500	1200	1200	1100	800	600	400
	.50	2000	2000	1600	1600	1500	900	800	800	500	100	0	0
	.10	1500	1500	1100	1100	1000	500	300	300	0	0	0	0
	.90	3100	3100	3100	2600	2600	2000	1900	1900	1700	1100	1100	1000
	.50	2000	2000	2000	1600	1600	1500	1300	1200	700	400	200	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3500	2700	2400	1900
	.50	2500	2500	2500	2500	2500	2500	2500	2500	1900	1500	900	900
	.10	2000	2000	1500	1500	1500	1100	1000	900	400	0	0	0
3500	.90	2500	2400	2000	2000	1900	1700	1500	1200	1100	900	600	500
	.50	2000	2000	1600	1600	1500	1300	900	800	600	200	0	0
	.10	1500	1500	1100	1100	1000	700	500	300	100	0	0	0
	.90	3200	3200	3200	3200	2600	2400	2000	1900	1800	1200	1100	1000
	.50	2000	2000	2000	2000	1600	1500	1400	1300	800	500	200	100
	.10	1500	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3500	3200	2600	1900
	.50	2700	2500	2500	2500	2500	2500	2500	2500	2000	1500	1200	900
	.10	2200	1600	1600	1500	1500	1100	1000	1000	400	0	0	0
3600	.90	2500	2400	2400	2000	1900	1800	1600	1500	1100	900	700	500
	.50	2000	2000	2000	1600	1500	1300	1200	900	600	200	0	0
	.10	1500	1500	1500	1100	1000	900	500	500	100	0	0	0
	.90	3200	3200	3200	3200	2600	2600	2000	1900	1800	1500	1100	1100
	.50	2000	2000	2000	2000	1600	1500	1500	1300	900	500	200	100
	.10	1600	1500	1500	1500	1100	1000	900	500	200	0	0	0
	.90	4600	4600	4600	4200	4200	4200	4200	4200	4100	3400	2600	2100
	.50	2900	2900	2900	2500	2500	2500	2500	2500	2400	1900	1500	900
	.10	2200	2000	1600	1500	1500	1100	1000	1000	400	0	0	0
3700	.90	2600	2400	2400	2000	2000	1900	1800	1600	1100	1000	800	600
	.50	2000	2000	2000	1600	1600	1500	1300	900	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	3300	3300	3300	3300	2600	2600	2400	2000	1800	1600	1200	1100
	.50	2500	2000	2000	2000	1600	1600	1500	1300	900	600	200	200
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	4600	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2600
	.50	2900	2900	2900	2900	2900	2500	2500	2500	2500	1900	1500	1300
	.10	2200	2000	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	2600	2400	2400	2000	2000	1900	1800	1600	1100	1000	800	600
	.50	2000	2000	2000	1600	1600	1500	1300	900	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	3300	3300	3300	3300	2600	2600	2400	2000	1800	1600	1200	1100
	.50	2500	2000	2000	2000	1600	1600	1500	1300	900	600	200	200
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	4600	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2600
	.50	2900	2900	2900	2900	2900	2500	2500	2500	2500	1900	1500	1300
	.10	2200	2000	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	2600	2400	2400	2000	2000	1900	1800	1600	1100	1000	800	600
	.50	2000	2000	2000	1600	1600	1500	1300	900	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	3300	3300	3300	3300	2600	2600	2400	2000	1800	1600	1200	1100
	.50	2500	2000	2000	2000	1600	1600	1500	1300	900	600	200	200
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	4600	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2600
	.50	2900	2900	2900	2900	2900	2500	2500	2500	2500	1900	1500	1300
	.10	2200	2000	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	2600	2400	2400	2000	2000	1900	1800	1600	1100	1000	800	600
	.50	2000	2000	2000	1600	1600	1500	1300	900	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	3300	3300	3300	3300	2600	2600	2400	2000	1800	1600	1200	1100
	.50	2500	2000	2000	2000	1600	1600	1500	1300	900	600	200	200
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	4600	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2600
	.50	2900	2900	2900	2900	2900	2500	2500	2500	2500	1900	1500	1300
	.10	2200	2000	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	2600	2400	2400	2000	2000	1900	1800	1600	1100	1000	800	600
	.50	2000	2000	2000	1600	1600	1500	1300	900	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	3300	3300	3300	3300	2600	2600	2400	2000	1800	1600	1200	1100
	.50	2500	2000	2000	2000	1600	1600	1500	1300	900	600	200	200
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	4600	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2600
	.50	2900	2900	2900	2900	2900	2500	2500	2500	2500	1900	1500	1300
	.10	2200	2000	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	2600	2400	2400	2000	2000	1900	1800	1600	1100	1000	800	600
	.50	2000	2000	2000	1600	1600	1500	1300	900	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	3300	3300	3300	3300	2600	2600	2400	2000	1800	1600	1200	1100
	.50	2500	2000	2000	2000	1600	1600	1500	1300	900	600	200	200
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	4600	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2600
	.50	2900	2900	2900	2900	2900	2500	2500	2500	2500	1900	1500	1300
	.10	2200	2000	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	2600	2400	2400	2000	2000	1900	1800	1600	1100	1000	800	600
	.50	2000	2000	2000	1600	1600	1500	1300	900	600	300	0	0
	.10	1500	1500	1500	1100	1100	1000	500	500	100	0	0	0
	.90	3300	3300	3300	3300	2600	2600	2400	2000	1800	1600	1200	1100
	.50	2500	2000	2000	2000	1600	1600	1500	1300	900	600	200	200
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	4600	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2600
	.50	2900	2900	2900	2900	2900	2500	2500	2500	2500	1900	1500	

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MAY INCUBATION MONTH - JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	2600	2600	2400	2400	2000	1900	1800	1700	1200	1000	800	600
	.50	2000	2000	2000	2000	1600	1500	1300	1200	600	300	100	0
	.10	1500	1500	1500	1100	1100	1000	900	500	200	0	0	0
	.90	3300	3300	3300	2600	2600	2600	2600	2300	1800	1700	1200	1100
	.50	2500	2000	2000	1700	1700	1600	1500	1500	900	600	300	200
	.10	2000	1600	1500	1200	1200	1100	1000	900	400	0	0	0
	.90	4600	4600	4600	4600	4600	4600	4200	4200	4200	3500	3200	2600
	.50	2900	2900	2900	2900	2900	2900	2500	2500	2500	1900	1900	1500
	.10	2200	2000	1600	1500	1500	1200	1100	1000	500	200	0	0
3900	.90	2700	2700	2400	2400	2000	1900	1900	1800	1200	1100	900	700
	.50	2000	2000	2000	1600	1600	1500	1300	1300	700	400	100	0
	.10	1600	1500	1500	1100	1100	1000	900	500	200	0	0	0
	.90	3400	3400	3400	2600	2600	2600	2600	2400	1900	1700	1500	1100
	.50	2500	2000	2000	2000	2000	1700	1600	1500	1000	600	300	200
	.10	2000	1600	1600	1500	1500	1100	1000	900	400	0	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	4300	4200	4200	3500	3200
	.50	3100	2900	2900	2900	2900	2900	2900	2600	2500	2500	1900	1500
	.10	2300	2000	1600	1600	1500	1500	1100	1000	500	300	0	0
4000	.90	2900	2800	2400	2400	2100	1900	1900	1800	1400	1100	1000	800
	.50	2500	2000	2000	2000	1600	1500	1500	1300	700	400	200	0
	.10	2000	1600	1500	1500	1100	1000	1000	900	300	0	0	0
	.90	3400	3400	3400	3200	3200	2600	2600	2600	1900	1800	1600	1200
	.50	2700	2000	2000	2000	2000	1700	1600	1500	1200	700	400	200
	.10	2200	1600	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	4600	4200	4200	3500	3200
	.50	3100	2900	2900	2900	2900	2900	2900	2900	2500	2500	1900	1700
	.10	2300	2000	1600	1600	1500	1500	1200	1100	500	300	0	0
4100	.90	2900	2800	2400	2400	2300	2000	1900	1900	1600	1100	1000	800
	.50	2500	2000	2000	2000	1700	1600	1500	1300	800	500	200	0
	.10	2000	1600	1500	1500	1200	1100	1000	900	300	0	0	0
	.90	3400	3400	3400	3400	3400	2600	2600	2600	1900	1800	1700	1400
	.50	2700	2000	2000	2000	2000	1700	1700	1600	1200	800	500	200
	.10	2200	1600	1600	1500	1500	1100	1000	1000	400	0	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	4600	4200	4200	3500	3200
	.50	3100	2900	2900	2900	2900	2900	2900	2900	2500	2500	1900	1700
	.10	2300	2000	1600	1600	1500	1500	1200	1100	500	300	0	0
	.90	2900	2800	2400	2400	2300	2000	1900	1900	1600	1100	1000	800
	.50	2500	2000	2000	2000	1700	1600	1500	1300	800	500	200	0
	.10	2000	1600	1500	1500	1200	1100	1000	900	300	0	0	0
	.90	3400	3500	3500	3400	3400	2600	2600	2600	1900	1800	1700	1400
	.50	2700	2500	2000	2000	2000	1800	1700	1600	1200	800	500	200
	.10	2200	2000	1600	1600	1500	1200	1100	1000	400	0	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	4600	4200	4200	3500	3500
	.50	3300	2900	2900	2900	2900	2900	2900	2900	2500	2500	1900	1900
	.10	2500	2000	1800	1600	1600	1500	1200	1100	500	300	0	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA - STEELHEAD: SPAWNING MONTH - MAY INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	.90	2900	2900	2400	2400	2000	1900	1900	1600	1100	1000	900
	.50	.50	2500	2000	2000	1600	1600	1500	1300	900	500	200	0
	.10	.10	2000	1600	1500	1100	1100	1000	900	400	0	0	0
	.90	.90	3500	3500	3500	3400	2900	2900	2600	2000	1800	1700	1600
	.50	.50	2700	2500	2000	1900	1900	1700	1700	1300	900	600	200
	.10	.10	2200	2000	1600	1200	1200	1100	1000	500	0	0	0
	.90	.90	4600	4600	4600	4600	4600	4600	4600	4200	4200	3500	3500
	.50	.50	3400	2900	2900	2900	2900	2900	2900	2500	2500	2000	1900
	.10	.10	2600	2400	1600	1500	1500	1500	1200	700	300	100	0
4300	.90	.90	3100	2900	2400	2100	2000	2000	1900	1600	1200	1100	1000
	.50	.50	2700	2000	2000	1600	1600	1500	1500	900	600	200	100
	.10	.10	2200	1600	1500	1100	1100	1000	1000	400	0	0	0
	.90	.90	3500	3500	3500	3400	3200	3200	3200	2400	1800	1700	1600
	.50	.50	2700	2500	2000	2000	1800	1700	1700	1500	900	600	300
	.10	.10	2200	2000	1600	1500	1500	1100	1000	500	0	0	0
	.90	.90	4600	4600	4600	4600	4600	4600	4600	4400	4200	4200	3500
	.50	.50	3400	2900	2900	2900	2900	2900	2900	2700	2500	2500	1900
	.10	.10	2600	2400	1600	1600	1600	1500	1500	700	300	100	0
4400	.90	.90	3100	2900	2400	2100	2000	2000	1900	1700	1200	1100	1000
	.50	.50	2700	2500	2000	1700	1700	1600	1500	1200	600	200	100
	.10	.10	2200	2000	1600	1200	1200	1100	1000	400	0	0	0
	.90	.90	3600	3600	3600	3400	3400	3400	3200	2500	1900	1800	1700
	.50	.50	2700	2500	2000	2000	2000	1900	1900	1500	900	700	500
	.10	.10	2200	2000	1600	1500	1500	1200	1100	500	100	0	0
	.90	.90	4600	4600	4600	4600	4600	4600	4600	4500	4200	4200	3500
	.50	.50	3500	3100	2900	2900	2900	2900	2900	2800	2500	2500	1900
	.10	.10	2700	2400	2000	1600	1600	1500	1500	900	300	200	0
4500	.90	.90	3100	3000	2400	2300	2000	2000	1900	1800	1400	1100	1000
	.50	.50	2700	2500	2000	1700	1700	1600	1500	1200	600	300	100
	.10	.10	2200	2000	1600	1200	1200	1100	1000	500	0	0	0
	.90	.90	3600	3600	3600	3500	3400	3400	3400	2600	1900	1800	1700
	.50	.50	2700	2500	2000	2000	2000	1900	1900	1500	1200	900	600
	.10	.10	2300	2000	1600	1500	1500	1200	1100	500	100	0	0
	.90	.90	4600	4600	4600	4600	4600	4600	4600	4600	4200	4200	3500
	.50	.50	3500	3500	2900	2900	2900	2900	2900	2900	2500	2500	2000
	.10	.10	2700	2700	2400	2000	2000	1600	1500	900	300	300	0

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MAY INCUBATION MONTH - JULY

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4600	.90	3100	3000	3000	2600	2400	2400	2100	2000	1800	1600	1100	1100
	.50	2700	2500	2000	2000	2000	2000	1600	1500	1200	600	300	200
	.10	2200	2000	1600	1600	1500	1500	1100	1000	500	0	0	0
	.90	3700	3700	3700	3700	3700	3500	3400	3400	2600	1900	1800	1700
	.50	3100	2500	2300	2000	2000	2000	2000	2000	1500	1200	900	600
	.10	2400	2000	1800	1600	1600	1500	1200	1100	500	200	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	4600	4600	4200	4200	3500
	.50	3500	3500	2900	2900	2900	2900	2900	2900	2900	2500	2500	2400
	.10	2700	2700	2400	2200	1600	1600	1600	1600	900	300	300	0
4700	.90	3100	3100	3100	2900	2600	2400	2300	2100	1800	1600	1200	1100
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	700	400	200
	.10	2200	2000	1600	1600	1500	1500	1200	1100	500	100	0	0
	.90	3700	3700	3700	3700	3700	3500	3500	3400	2600	2000	1800	1700
	.50	3300	2900	2500	2400	2000	2000	2000	2000	1500	1200	900	600
	.10	2500	2400	2000	1600	1600	1500	1500	1200	700	200	0	0
	.90	4600	4600	4600	4600	4600	4600	4600	4600	4600	4200	4200	4200
	.50	3500	3500	2900	2900	2900	2900	2900	2900	2900	2500	2500	2500
	.10	2700	2700	2400	2300	1600	1600	1600	1600	1000	400	300	0
4800	.90	3100	3100	3100	2900	2600	2400	2400	2300	1900	1600	1200	1100
	.50	2700	2500	2000	2000	2000	2000	1700	1600	1200	800	500	200
	.10	2200	2000	1600	1600	1600	1500	1200	1100	500	100	0	0
	.90	3800	3800	3800	3800	3800	3500	3500	3500	2600	2300	1900	1800
	.50	3400	2900	2500	2400	2100	2100	2000	2000	1600	1300	900	700
	.10	2600	2400	2000	1800	1600	1600	1500	1500	800	200	0	0
	.90	4700	4700	4700	4700	4700	4700	4600	4600	4600	4200	4200	4200
	.50	3500	3500	3000	3000	3000	3000	2900	2900	2900	2500	2500	2500
	.10	2700	2700	2400	2400	1800	1600	1600	1600	1000	400	300	200
4900	.90	3500	3200	3200	3200	2600	2500	2400	2300	1900	1700	1400	1100
	.50	3100	2500	2300	2000	2000	2000	1800	1600	1300	800	500	200
	.10	2400	2000	1800	1600	1600	1500	1200	1100	500	200	0	0
	.90	3800	3800	3800	3800	3800	3500	3500	3500	2800	2400	1900	1800
	.50	3400	2900	2700	2500	2400	2100	2100	2000	1700	1300	900	800
	.10	2600	2400	2300	2000	1600	1600	1500	1500	900	300	0	0
	.90	4700	4700	4700	4700	4700	4700	4600	4600	4600	4200	4200	4200
	.50	3700	3500	3100	3000	3000	3000	2900	2900	2900	2500	2500	2500
	.10	3200	2700	2500	2400	3000	3000	2900	2900	2900	2500	2500	300

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5000	.90	3500	3300	3200	3200	2600	2600	2400	2400	1900	1700	1600	1100
	.50	3100	2900	2500	2000	2000	2000	2000	1700	1300	900	600	200
	.10	2400	2400	2000	1600	1600	1500	1500	1200	700	200	0	0
	.90	3900	3900	3900	3900	3900	3500	3500	3500	3200	2500	1900	1800
	.50	3500	3100	2700	2500	2400	2200	2200	2000	1900	1500	900	900
	.10	2700	2400	2300	2000	1600	1600	1600	1500	900	300	0	0
	.90	4800	4800	4800	4800	4800	4800	4600	4600	4600	4200	4200	4200
	.50	3800	3500	3500	3100	3100	3100	2900	2900	2900	2500	2500	2500
	.10	3300	2700	2700	2400	2000	1600	1600	1600	1400	500	300	300
	.90	3700	3300	3300	3300	2800	2600	2600	2400	1900	1800	1600	1200
5100	.50	3300	2900	2500	2400	2000	2000	2000	1700	1300	900	600	200
	.10	2500	2400	2000	1800	1600	1500	1500	1200	700	200	0	0
	.90	4200	4200	4200	4200	3900	3900	3500	3500	3200	2600	2100	1900
	.50	3500	3500	2900	2700	2500	2400	2400	2200	1900	1500	1200	900
	.10	2700	2700	2400	2300	1600	1600	1600	1600	900	400	0	0
	.90	4800	4800	4800	4800	4800	4800	4600	4600	4600	4200	4200	4200
	.50	3800	3500	3500	3100	3100	3100	2900	2900	2900	2800	2500	2500
	.10	3300	2700	2700	2400	2300	1600	1600	1600	1500	500	300	300
	.90	3800	3300	3300	3300	2900	2600	2600	2600	2000	1800	1700	1300
	.50	3400	2900	2700	2500	2300	2000	2000	2000	1300	900	600	300
5200	.10	2600	2400	2300	2000	1600	1600	1500	1500	900	300	0	0
	.90	4200	4200	4200	4200	4200	4200	4000	4000	3500	2600	2400	1900
	.50	3500	3500	2900	2700	2500	2500	2400	2400	2000	1500	1300	900
	.10	2700	2700	2400	2300	1800	1600	1600	1600	1000	400	0	0
	.90	4900	4900	4900	4900	4900	4900	4600	4600	4600	4500	4200	4200
	.50	3800	3500	3500	3200	3200	3200	2900	2900	2900	2900	2500	2500
	.10	3300	2700	2700	2400	2300	1600	1600	1600	1500	600	300	300
	.90	3800	3400	3400	3400	3000	2800	2600	2600	2100	1800	1700	1500
	.50	3400	2900	2700	2500	2400	2000	2000	2000	1500	900	600	300
	.10	2600	2400	2300	2000	1600	1600	1600	1500	900	300	0	0
5300	.90	4200	4200	4200	4200	4200	4200	4200	4200	3500	2800	2600	2000
	.50	3500	3500	2900	2700	2500	2500	2500	2400	2000	1500	1300	900
	.10	2700	2700	2400	2300	1800	1600	1600	1600	1000	400	0	0
	.90	4900	4900	4900	4900	4900	4900	4600	4600	4600	4500	4200	4200
	.50	3800	3500	3500	3200	3200	3200	2900	2900	2900	2900	2500	2500
	.10	3300	2700	2700	2400	2300	1600	1600	1600	1500	600	300	300
	.90	3800	3400	3400	3400	3000	2800	2600	2600	2100	1800	1700	1500
	.50	3400	2900	2700	2500	2400	2000	2000	2000	1500	900	600	300
	.10	2600	2400	2300	2000	1600	1600	1600	1500	900	300	0	0
	.90	4200	4200	4200	4200	4200	4200	4200	4200	3500	2800	2600	2000
5400	.50	3500	3500	2900	2700	2500	2500	2500	2500	2000	1900	1500	1000
	.10	2700	2700	2400	2400	2000	1600	1600	1600	1000	400	0	0
	.90	4900	4900	4900	4900	4900	4800	4600	4600	4600	4600	4200	4200
	.50	4200	3600	3500	3500	3200	3200	2900	2900	2900	2900	2500	2500
	.10	3700	2800	2700	2700	2400	2400	2400	2400	1600	700	300	300
	.90	4900	4900	4900	4900	4900	4800	4600	4600	4600	4600	4200	4200
	.50	4200	3600	3500	3500	3200	3200	2900	2900	2900	2900	2500	2500
	.10	3700	2800	2700	2700	2400	2400	2400	2400	1600	700	300	300
	.90	4900	4900	4900	4900	4900	4800	4600	4600	4600	4600	4200	4200
	.50	4200	3600	3500	3500	3200	3200	2900	2900	2900	2900	2500	2500
5500	.10	3700	2800	2700	2700	2400	2400	2400	2400	1600	700	300	300

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	.90	3900	3500	3400	3400	3200	2800	2600	2300	1800	1700	1600
	.50	.50	3500	3100	2900	2700	2400	2000	2000	1500	900	700	400
	.10	.10	2700	2500	2400	2300	1600	1600	1500	900	300	0	0
	.90	.90	4200	4200	4200	4200	4200	4200	4200	3500	3200	2600	2400
	.50	.50	3700	3500	2900	2900	2500	2500	2500	2400	1900	1500	1200
	.10	.10	3200	2700	2500	2400	1600	1600	1600	1100	400	0	0
	.90	.90	6100	5000	5000	5000	5000	4600	4600	4600	4600	4200	4200
	.50	.50	4500	3900	3500	3500	3300	2900	2900	2900	2900	2500	2500
	.10	.10	3700	3400	2700	2700	2000	1600	1600	1600	700	300	300
5500	.90	.90	3900	3900	3500	3500	3400	2800	2800	2400	1900	1800	1700
	.50	.50	3500	3500	2900	2700	2400	2000	2000	1500	1100	700	500
	.10	.10	2700	2700	2400	2300	1600	1600	1600	1000	400	0	0
	.90	.90	4200	4200	4200	4200	4200	4200	4200	3600	3400	2800	2600
	.50	.50	3800	3500	3400	2900	2500	2500	2500	2400	1900	1700	1500
	.10	.10	3300	2700	2600	2400	1600	1600	1600	1400	500	0	0
	.90	.90	6100	6100	5000	5000	5000	4600	4600	4600	4600	4200	4200
	.50	.50	4500	4500	3600	3500	3300	3000	2900	2900	2900	2500	2500
	.10	.10	3700	3500	2700	2700	2000	1600	1600	1600	800	300	300
5600	.90	.90	3900	3900	3500	3500	3500	3200	2900	2600	1900	1800	1700
	.50	.50	3500	3500	2900	2800	2400	2400	2000	1700	1200	900	600
	.10	.10	2700	2700	2400	2400	1600	1600	1600	1000	400	0	0
	.90	.90	4600	4600	4600	4200	4200	4200	4200	4100	3500	3200	2600
	.50	.50	3800	3500	3500	2900	2500	2500	2500	2500	2000	1900	1500
	.10	.10	3300	2700	2700	2400	1600	1600	1600	1500	500	0	0
	.90	.90	6100	6100	5000	5000	5000	4600	4600	4600	4600	4200	4200
	.50	.50	4500	4500	4000	3500	3300	3000	3000	2900	2900	2500	2500
	.10	.10	3800	3500	2700	2700	2300	1800	1600	1600	900	300	300
5700	.90	.90	4100	3900	3500	3500	3400	3400	3200	2600	2000	1800	1700
	.50	.50	3700	3500	2900	2900	2400	2400	2300	1800	1300	900	600
	.10	.10	3200	2700	2400	2400	1600	1600	1600	1100	400	0	0
	.90	.90	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2800
	.50	.50	3800	3500	3500	2900	2900	2500	2500	2500	2400	1900	1700
	.10	.10	3300	2700	2700	2400	1800	1600	1600	1500	500	0	0
	.90	.90	6100	6100	5000	5000	5000	4600	4600	4600	4600	4200	4200
	.50	.50	4500	4500	4000	3500	3300	3000	3000	2900	2900	2500	2500
	.10	.10	3800	3500	2700	2700	2300	1800	1600	1600	900	300	300
	.90	.90	4100	3900	3500	3500	3400	3400	3200	2600	2000	1800	1700
	.50	.50	3700	3500	2900	2900	2400	2400	2300	1800	1300	900	600
	.10	.10	3200	2700	2400	2400	1600	1600	1600	1100	400	0	0
	.90	.90	4600	4600	4600	4600	4200	4200	4200	4200	3500	3200	2800
	.50	.50	3800	3500	3500	2900	2900	2500	2500	2500	2400	1900	1700
	.10	.10	3300	2700	2700	2400	1800	1600	1600	1500	500	0	0
	.90	.90	6100	6100	6100	5100	5100	4600	4600	4600	4600	4200	4200
	.50	.50	4500	4500	4500	4000	3400	3400	3000	2900	2900	2500	2500
	.10	.10	3800	3700	3500	2700	2400	2000	1600	1600	900	400	300



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00	
Q	EXC.	EXC.												
6200	.90	.90	4600	4300	3900	3800	3500	3500	3500	3100	2600	2300	1900	
		.50	4200	3900	3500	2900	2800	2500	2400	2400	2000	1600	1300	900
		.10	3700	3400	2700	2500	2400	2000	1600	1600	1600	700	0	0
		.90	4700	4600	4600	4600	4600	4600	4600	4600	4200	4200	3500	3500
		.50	4300	4200	4000	3500	2900	2900	2900	2900	2700	2500	2500	2000
		.10	3800	3700	3500	2700	2400	2300	2000	1600	1600	900	300	0
		.90	6600	6100	6100	5200	5200	5200	5200	4800	4600	4600	4600	4200
		.50	5200	4500	4500	4500	4000	3500	3500	3500	2900	2900	2900	2500
		.10	4700	4000	3500	3500	2700	2400	2300	2200	1600	1300	700	300
		.90	4600	4400	3900	3900	3800	3800	3500	3500	3200	2600	2400	1900
6300	.90	.50	4200	4000	3500	2900	2500	2400	2400	2000	1700	1300	900	
		.10	3700	3500	2700	2700	2400	2000	1600	1600	700	0	0	
		.90	4800	4600	4600	4600	4600	4600	4600	4400	4200	4200	3500	
		.50	4400	4200	4000	3500	2900	2900	2900	2900	2500	2500	2400	
		.10	3900	3700	3500	2700	2500	2300	2000	1600	900	300	100	
		.90	6600	6100	6100	5300	5200	5200	5200	4900	4600	4600	4600	4200
		.50	5200	4600	4500	4500	4000	3500	3500	3500	2900	2900	2900	2500
		.10	4700	4100	3700	3500	3100	2400	2300	2300	1600	1500	900	300
		.90	4700	4400	3900	3900	3900	3900	3900	3500	3200	2700	2500	1900
		.50	4300	4000	3500	3500	2900	2700	2400	2400	2200	1900	1500	900
6400	.90	.10	3800	3500	2700	2400	2300	1800	1600	1600	700	0	0	
		.90	4800	4800	4600	4600	4600	4600	4600	4500	4200	4200	3500	
		.50	4400	4400	4000	4000	3000	2900	2900	2900	2500	2500	2400	
		.10	3900	3900	3500	3500	2500	2400	2300	1800	1600	1000	300	
		.90	6700	6100	6100	5700	5300	5200	5200	4900	4600	4600	4200	
		.50	5300	4900	4500	4500	4000	3700	3500	3500	2900	2900	2900	2500
		.10	4800	4400	3700	3500	3500	2500	2400	2300	1600	1500	900	300
		.90	4700	4600	4400	4200	4200	3900	3900	3500	3200	2800	2600	2300
		.50	4300	4200	4000	3500	2900	2700	2500	2400	2400	1900	1500	1000
		.10	3800	3700	3500	2700	2400	2300	2000	1600	1600	800	0	0
6500	.90	.90	4800	4800	4600	4600	4600	4600	4600	4600	4200	4200	3500	
		.50	4400	4400	4000	4000	3500	2900	2900	2900	2500	2500	2500	
		.10	3900	3900	3500	3500	2700	2400	2300	2000	1600	1000	300	
		.90	6700	6100	6100	5400	5300	5200	5200	4900	4600	4600	4200	
		.50	5300	5000	4700	4500	4000	3700	3700	3500	2900	2900	2900	2500
		.10	4800	4500	4200	3500	2900	2700	2500	2400	2400	1900	1500	1000
		.90	4800	4800	4600	4600	4600	4600	4600	4600	4600	4200	4200	3500
		.50	4400	4400	4000	4000	3500	2900	2900	2900	2500	2500	2500	2500
		.10	3900	3900	3500	3500	2700	2400	2300	2000	1600	1000	300	300
		.90	6700	6100	6100	5400	5300	5200	5200	4900	4600	4600	4200	4200
.50	5300	5000	4700	4500	4000	3700	3700	3500	2900	2900	2900	2500		
.10	4800	4500	4200	3500	2900	2700	2500	2400	2400	1900	1500	1000		



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING MUA - STEELHEAD:  
 SPAWNING MONTH - MAY INCUBATION MONTH - JULY

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	5600	4900	4600	4400	4200	4200	4200	4200	3500	3200	2800
	.50	.50	5200	4500	4000	4000	2900	2800	2700	2500	2400	2000	1900
	.10	.10	4700	4000	3500	3500	2400	2300	2000	1600	1100	300	0
	.90	.90	5700	5400	5100	4800	4800	4600	4600	4600	4400	4200	4200
	.50	.50	5300	5000	4700	4000	3500	3100	3100	2900	2900	2500	2500
	.10	.10	4800	4500	4200	3500	2700	2400	2300	1600	1500	500	300
	.90	.90	6900	6100	6100	5500	5200	5200	4900	4700	4600	4600	4200
	.50	.50	5600	5200	4900	4500	4000	3900	3900	3300	2900	2900	2900
	.10	.10	5100	4400	4400	3700	3500	2700	2400	1600	1600	1000	700

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1400	.90	1400	1400	1400	1100	1000	1000	900	800	600	300	200	100
	.50	700	600	600	400	400	300	300	200	0	0	0	0
	.10	400	400	200	100	100	0	0	0	0	0	0	0
	.90	2800	2800	2200	2200	2200	1700	1400	1400	1100	1000	900	700
	.50	1900	1900	1400	1400	1400	900	700	600	600	200	200	100
	.10	600	600	500	400	400	200	100	100	0	0	0	0
	.90	4400	4400	3900	3900	3900	3200	3000	3000	2200	2100	1600	1400
	.50	3500	3500	3000	3000	3000	2300	2100	2100	1400	1300	900	700
	.10	2100	2100	1600	1600	1600	900	900	800	600	100	0	0
1500	.90	1400	1400	1400	1100	1100	1000	1000	900	600	300	200	200
	.50	700	600	600	600	600	400	300	300	100	0	0	0
	.10	500	400	300	200	200	100	0	0	0	0	0	0
	.90	2800	2800	2200	2200	2200	1700	1500	1400	1300	1100	1000	800
	.50	1900	1900	1400	1400	1400	900	900	700	600	300	200	100
	.10	700	700	600	400	400	300	200	100	0	0	0	0
	.90	4500	4500	4500	3900	3900	3200	3200	3000	2800	2200	1700	1500
	.50	3600	3600	3600	3000	3000	2300	2300	2100	1900	1400	900	700
	.10	2200	2200	2200	1600	1600	1000	900	800	700	200	100	0
1600	.90	1400	1400	1400	1400	1400	1000	1000	1000	700	500	300	200
	.50	900	800	600	600	600	500	400	300	100	0	0	0
	.10	600	600	400	200	200	100	0	0	0	0	0	0
	.90	2800	2800	2200	2200	2200	2200	1700	1500	1400	1100	1000	900
	.50	1900	1900	1400	1400	1400	1400	900	900	600	300	200	200
	.10	800	700	600	500	500	400	200	200	0	0	0	0
	.90	4500	4500	4500	3900	3900	3900	3200	3200	2900	2200	1700	1600
	.50	3600	3600	3600	3000	3000	3000	2300	2300	2100	1400	1000	800
	.10	2200	2200	2200	1600	1600	1600	900	900	700	400	100	0
1700	.90	1400	1400	1400	1400	1400	1100	1000	1000	700	600	300	200
	.50	1000	800	700	600	600	600	500	400	200	0	0	0
	.10	600	600	500	400	300	200	100	0	0	0	0	0
	.90	2800	2800	2200	2200	2200	2200	1700	1700	1400	1100	1000	900
	.50	1900	1900	1400	1400	1400	1400	900	900	600	300	200	200
	.10	800	700	600	500	500	400	200	200	0	0	0	0
	.90	4500	4500	4500	3900	3900	3900	3200	3200	2900	2200	1700	1600
	.50	3600	3600	3600	3000	3000	3000	2300	2300	2100	1400	1000	800
	.10	2200	2200	2200	1600	1600	1600	900	900	700	400	100	0
1700	.90	1400	1400	1400	1400	1400	1100	1000	1000	700	600	300	200
	.50	1000	800	800	700	600	600	500	400	200	0	0	0
	.10	600	600	500	400	300	200	100	0	0	0	0	0
	.90	2800	2800	2200	2200	2200	2200	1700	1700	1400	1100	1000	900
	.50	1900	1900	1900	1400	1400	1400	1000	900	600	400	200	200
	.10	1000	800	700	600	600	500	400	200	0	0	0	0
	.90	4600	4600	4600	3900	3900	3900	3200	3200	2900	2200	1700	1600
	.50	3700	3700	3700	3000	3000	3000	2300	2300	2100	1400	1200	900
	.10	2300	2300	2300	1600	1600	1600	1000	1000	800	400	100	100

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MAY INCUBATION MONTH - AUGUST

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
1800	.90	.90	2200	1400	1400	1400	1100	1100	1000	800	600	400	300
	.50	.50	1300	1000	900	800	600	600	500	200	0	0	0
	.10	.10	700	700	600	600	400	200	100	0	0	0	0
	.90	.90	2800	2800	2800	2200	2200	2100	1700	1400	1200	1000	1000
	.50	.50	1900	1900	1900	1400	1400	1300	900	600	500	300	200
	.10	.10	1000	1000	700	700	500	400	400	100	0	0	0
	.90	.90	4600	4600	4600	3900	3900	3600	3200	2900	2200	2100	1700
	.50	.50	3700	3700	3700	3000	3000	2700	2300	2100	1400	1300	900
	.10	.10	2300	2300	2300	1600	1600	1300	900	800	600	200	100
1900	.90	.90	2200	1500	1400	1400	1400	1100	1100	900	700	600	300
	.50	.50	1300	1000	900	900	600	600	600	300	100	0	0
	.10	.10	700	700	700	600	400	200	200	0	0	0	0
	.90	.90	2800	2800	2800	2200	2200	2200	1700	1400	1200	1100	1000
	.50	.50	1900	1900	1900	1400	1400	1400	1200	700	600	300	300
	.10	.10	1000	1000	800	700	600	500	400	100	0	0	0
	.90	.90	4700	4700	4700	3900	3900	3900	3200	3000	2200	2200	1700
	.50	.50	3800	3800	3800	3000	3000	3000	2300	2100	1500	1400	1100
	.10	.10	2400	2400	2400	1600	1600	1600	1000	800	700	400	100
2000	.90	.90	2200	1500	1400	1400	1400	1300	1100	1000	800	600	400
	.50	.50	1300	1100	1000	900	700	600	600	300	200	0	0
	.10	.10	1000	700	700	700	400	300	200	0	0	0	0
	.90	.90	2900	2900	2800	2200	2200	2200	2100	1400	1200	1100	1000
	.50	.50	2100	2100	1900	1900	1400	1400	1300	800	600	400	300
	.10	.10	1100	1000	1000	800	600	600	500	100	0	0	0
	.90	.90	4700	4700	4700	4500	3900	3900	3900	3000	2800	2200	1800
	.50	.50	3800	3800	3800	3600	3000	3000	3000	2100	2000	1400	1200
	.10	.10	2400	2400	2400	2200	1600	1600	1600	800	700	500	200
2100	.90	.90	2200	1700	1500	1500	1400	1400	1200	1000	900	600	600
	.50	.50	1300	1300	1100	1000	800	700	600	400	200	0	0
	.10	.10	1000	1000	700	700	500	400	300	0	0	0	0
	.90	.90	3800	2900	2900	2200	2200	2200	2200	1400	1200	1100	1000
	.50	.50	2900	2100	2100	1900	1400	1400	1400	900	600	400	400
	.10	.10	1500	1000	1000	800	700	600	600	200	0	0	0
	.90	.90	4800	4800	4800	4700	3900	3900	3900	3000	2900	2200	2100
	.50	.50	3900	3900	3900	3800	3000	3000	3000	2100	2100	1400	1300
	.10	.10	2500	2500	2500	2400	1600	1600	1600	800	700	600	400

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA -- STEELHEAD: SPANNING MONTH -- MAY INCUBATION MONTH -- AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2200	.90	2200	1700	1700	1500	1400	1400	1400	1400	1000	900	700	600
	.50	1400	1300	1100	1000	900	800	800	700	600	200	100	0
	.10	1000	1000	800	700	700	600	400	400	0	0	0	0
	.90	3800	2900	2900	2900	2500	2200	2200	2200	1500	1400	1200	1100
	.50	2900	2100	2100	2100	1700	1400	1400	1400	900	600	600	400
	.10	1500	1000	1000	1000	800	700	700	600	300	100	0	0
	.90	4800	4800	4800	4800	4700	4500	3900	3900	3200	2900	2200	2200
	.50	3900	3900	3900	3900	3800	3600	3000	3000	2300	2100	1400	1400
	.10	2500	2500	2500	2500	2400	2200	1700	1600	900	800	700	400
2300	.90	2200	2200	1700	1700	1500	1400	1400	1400	1100	900	800	600
	.50	1400	1400	1300	1100	900	900	800	800	600	300	200	0
	.10	1000	1000	1000	700	700	600	500	400	0	0	0	0
	.90	3900	3200	2900	2900	2800	2200	2200	2200	1700	1400	1300	1100
	.50	3000	2300	2100	2100	1900	1400	1400	1400	1000	700	600	400
	.10	1600	1200	1000	1000	800	700	700	700	400	100	0	0
	.90	4800	4800	4800	4800	4700	4700	4500	3900	3200	2900	2500	2200
	.50	3900	3900	3900	3900	3800	3800	3600	3000	2300	2100	1800	1400
	.10	2500	2500	2500	2500	2400	2400	2200	1800	1000	800	700	500
2400	.90	2800	2200	2200	1700	1500	1400	1400	1400	1100	1000	900	700
	.50	1900	1400	1400	1300	1100	900	900	800	600	300	200	100
	.10	1100	1000	1000	800	700	700	600	500	100	0	0	0
	.90	3900	3900	2900	2900	2800	2200	2200	2200	1700	1400	1300	1100
	.50	3000	3000	2100	2100	2000	1400	1400	1400	1100	800	600	500
	.10	1600	1600	1000	1000	900	800	700	700	400	100	0	0
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3200	2900	2800	2200
	.50	4000	4000	4000	4000	4000	3800	3800	3600	2300	2100	2000	1400
	.10	2600	2600	2600	2600	2600	2400	2400	2200	1500	800	700	600
2500	.90	2800	2200	2200	2200	1700	1500	1400	1400	1100	1000	900	800
	.50	1900	1400	1400	1400	1200	1000	900	900	600	400	200	100
	.10	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.90	4000	4000	3200	2900	2900	2800	2200	2200	1700	1400	1400	1200
	.50	3100	3100	2300	2100	2100	1900	1400	1400	1300	900	600	600
	.10	1700	1700	1000	1000	1000	800	800	700	500	200	0	0
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3900	3000	2800	2200
	.50	4000	4000	4000	4000	4000	3800	3800	3600	2300	2100	2000	1400
	.10	2600	2600	2600	2600	2600	2400	2400	2200	1500	800	700	600
2500	.90	2800	2200	2200	2200	1700	1500	1400	1400	1100	1000	900	800
	.50	1900	1400	1400	1400	1200	1000	900	900	600	400	200	100
	.10	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.90	4000	4000	3200	2900	2900	2800	2200	2200	1700	1400	1400	1200
	.50	3100	3100	2300	2100	2100	1900	1400	1400	1300	900	600	600
	.10	1700	1700	1000	1000	1000	800	800	700	500	200	0	0
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3900	3000	2800	2200
	.50	4000	4000	4000	4000	4000	3800	3800	3600	2300	2100	2000	1400
	.10	2600	2600	2600	2600	2600	2400	2400	2200	1500	800	700	600
2500	.90	2800	2200	2200	2200	1700	1500	1400	1400	1100	1000	900	800
	.50	1900	1400	1400	1400	1200	1000	900	900	600	400	200	100
	.10	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.90	4000	4000	3200	2900	2900	2800	2200	2200	1700	1400	1400	1200
	.50	3100	3100	2300	2100	2100	1900	1400	1400	1300	900	600	600
	.10	1700	1700	1000	1000	1000	800	800	700	500	200	0	0
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3900	3000	2800	2200
	.50	4000	4000	4000	4000	4000	3800	3800	3600	2300	2100	2000	1400
	.10	2600	2600	2600	2600	2600	2400	2400	2200	1500	800	700	600
2500	.90	2800	2200	2200	2200	1700	1500	1400	1400	1100	1000	900	800
	.50	1900	1400	1400	1400	1200	1000	900	900	600	400	200	100
	.10	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.90	4000	4000	3200	2900	2900	2800	2200	2200	1700	1400	1400	1200
	.50	3100	3100	2300	2100	2100	1900	1400	1400	1300	900	600	600
	.10	1700	1700	1000	1000	1000	800	800	700	500	200	0	0
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3900	3000	2800	2200
	.50	4000	4000	4000	4000	4000	3800	3800	3600	2300	2100	2000	1400
	.10	2600	2600	2600	2600	2600	2400	2400	2200	1500	800	700	600
2500	.90	2800	2200	2200	2200	1700	1500	1400	1400	1100	1000	900	800
	.50	1900	1400	1400	1400	1200	1000	900	900	600	400	200	100
	.10	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.90	4000	4000	3200	2900	2900	2800	2200	2200	1700	1400	1400	1200
	.50	3100	3100	2300	2100	2100	1900	1400	1400	1300	900	600	600
	.10	1700	1700	1000	1000	1000	800	800	700	500	200	0	0
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3900	3000	2800	2200
	.50	4000	4000	4000	4000	4000	3800	3800	3600	2300	2100	2000	1400
	.10	2600	2600	2600	2600	2600	2400	2400	2200	1500	800	700	600
2500	.90	2800	2200	2200	2200	1700	1500	1400	1400	1100	1000	900	800
	.50	1900	1400	1400	1400	1200	1000	900	900	600	400	200	100
	.10	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.90	4000	4000	3200	2900	2900	2800	2200	2200	1700	1400	1400	1200
	.50	3100	3100	2300	2100	2100	1900	1400	1400	1300	900	600	600
	.10	1700	1700	1000	1000	1000	800	800	700	500	200	0	0
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3900	3000	2800	2200
	.50	4000	4000	4000	4000	4000	3800	3800	3600	2300	2100	2000	1400
	.10	2600	2600	2600	2600	2600	2400	2400	2200	1500	800	700	600
2500	.90	2800	2200	2200	2200	1700	1500	1400	1400	1100	1000	900	800
	.50	1900	1400	1400	1400	1200	1000	900	900	600	400	200	100
	.10	1100	1000	1000	1000	700	700	600	600	200	0	0	0
	.90	4000	4000	3200	2900	2900	2800	2200	2200	1700	1400	1400	1200
	.50	3100	3100	2300	2100	2100	1900	1400	1400	1300	900	600	600
	.10	1700	1700	1000	1000	1000	800	800	700	500	200	0	0
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3900	3000	2800	2200
	.50												

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
2600	.90	.90	2800	2200	2200	1700	1500	1500	1400	1300	1000	1000	800
	.50	.50	1900	1400	1400	1300	1100	1000	900	700	600	300	200
	.10	.10	1200	1000	1000	800	700	700	600	200	0	0	0
	.90	.90	4100	3200	3200	2900	2800	2200	2200	2100	1400	1400	1300
	.50	.50	3200	2300	2300	2100	2000	1700	1400	1300	900	700	600
	.10	.10	1800	1700	1700	1000	800	800	800	600	200	100	0
	.90	.90	5000	5000	5000	5000	4700	4700	4500	3900	2900	2800	2200
	.50	.50	4100	4100	4100	4100	3800	3800	3600	3000	2100	2000	1400
	.10	.10	2700	2700	2700	2700	2400	2400	2200	1600	900	800	700
2700	.90	.90	2800	2800	2200	2200	1700	1500	1500	1400	1100	1000	900
	.50	.50	1900	1400	1400	1400	1200	1100	1000	800	600	300	200
	.10	.10	1200	1000	1000	800	700	700	700	400	0	0	0
	.90	.90	4100	3200	3200	2900	2900	2800	2200	2200	1500	1400	1400
	.50	.50	3200	2300	2300	2100	2100	1900	1400	1400	900	800	600
	.10	.10	1800	1800	1800	1000	1000	800	800	600	300	100	0
	.90	.90	5000	5000	5000	5000	4700	4600	4500	3900	2900	2800	2200
	.50	.50	4100	4100	4100	4100	3800	3800	3600	3000	2100	2000	1400
	.10	.10	2700	2700	2700	2700	2500	2400	2200	1600	900	800	700
2800	.90	.90	2800	2800	2200	2200	1700	1700	1500	1400	1100	1100	1000
	.50	.50	2000	1400	1400	1400	1300	1200	1100	800	600	400	200
	.10	.10	1700	1000	1000	1000	700	700	700	400	0	0	0
	.90	.90	4200	3200	3200	2900	2900	2800	2500	2200	1600	1500	1400
	.50	.50	3300	2300	2300	2100	2100	2000	1900	1400	1100	900	700
	.10	.10	1900	1800	1800	1000	1000	900	800	700	400	100	0
	.90	.90	5100	5100	5100	5100	4700	4600	4500	3900	2900	2800	2200
	.50	.50	4200	4200	4200	4200	3800	3800	3600	3000	2100	2100	1700
	.10	.10	2800	2800	2800	2800	2500	2500	2200	1600	1000	800	700
2900	.90	.90	2800	2800	2200	2200	2200	1700	1600	1400	1100	1100	1000
	.50	.50	2100	1900	1900	1400	1400	1300	1200	900	600	500	300
	.10	.10	1800	1700	1000	1000	800	700	700	400	100	0	0
	.90	.90	4200	3300	3300	3000	2900	2900	2800	2200	1700	1500	1400
	.50	.50	3300	2400	2400	2100	2100	2100	2000	1400	1100	900	700
	.10	.10	1900	1800	1800	1400	1000	1000	800	700	400	100	100
	.90	.90	5100	5100	5100	5100	4600	4600	4500	3900	2900	2800	2200
	.50	.50	4200	4200	4200	4200	3800	3800	3600	3000	2100	2100	1700
	.10	.10	2800	2800	2800	2800	2500	2500	2200	1600	1000	800	700
2900	.90	.90	2800	2800	2200	2200	2200	1700	1600	1400	1100	1100	1000
	.50	.50	2100	2000	1900	1400	1400	1300	1200	900	600	500	300
	.10	.10	1800	1700	1000	1000	800	700	700	400	100	0	0
	.90	.90	4200	4200	3300	3000	2900	2900	2800	2200	1700	1500	1400
	.50	.50	3300	3300	2400	2100	2100	2100	2000	1400	1100	900	700
	.10	.10	1900	1900	1800	1400	1000	1000	800	700	400	100	100
	.90	.90	5100	5100	5100	5100	4600	4600	4500	3900	2900	2800	2200
	.50	.50	4200	4200	4200	4200	3800	3800	3600	3000	2100	2100	1700
	.10	.10	2800	2800	2800	2800	2500	2500	2200	1600	1000	800	700
2900	.90	.90	2800	2800	2200	2200	2200	1700	1600	1400	1100	1100	1000
	.50	.50	4200	4200	4200	4200	3800	3800	3600	3000	2300	2100	1700
	.10	.10	2800	2800	2800	2800	2500	2500	2200	1700	1300	800	800

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3000	.90	.90	2800	2800	2300	2200	2200	1800	1700	1400	1200	1100	1000
	.50	.50	2100	2100	2000	1900	1400	1300	1200	900	700	600	300
	.10	.10	1800	1800	1700	1000	800	700	700	500	100	0	0
	.90	.90	4200	4200	4200	3200	2900	2900	2800	2200	1700	1500	1400
	.50	.50	3300	3300	3300	2300	2100	2100	2100	1400	1200	900	800
	.10	.10	1900	1900	1900	1800	1000	1000	900	700	500	200	100
	.90	.90	5200	5200	5200	5200	4600	4600	4600	3900	3200	2900	2500
	.50	.50	4300	4300	4300	4300	3800	3800	3800	3000	2300	2100	1900
	.10	.10	2900	2900	2900	2900	2500	2500	2500	1800	1400	900	800
3100	.90	.90	2800	2800	2800	2300	2200	2200	1700	1400	1300	1100	1100
	.50	.50	2100	2100	2000	2000	1400	1400	1300	900	700	600	400
	.10	.10	1800	1800	1700	1700	800	800	700	600	200	0	0
	.90	.90	4300	4300	4300	3200	2900	2900	2900	2200	1800	1600	1500
	.50	.50	3400	3400	3400	2300	2100	2100	2100	1400	1300	1000	900
	.10	.10	2200	2200	2000	1800	1400	1000	1000	800	500	300	100
	.90	.90	5500	5500	5500	5500	5200	4600	4600	4500	3200	2900	2700
	.50	.50	4600	4600	4600	4600	4300	3800	3800	3600	2600	2100	2000
	.10	.10	3200	3200	3200	3200	2900	2500	2500	2200	1600	1000	800
3200	.90	.90	2800	2800	2800	2300	2200	2200	2100	1500	1400	1200	1100
	.50	.50	2100	2100	2100	2000	1400	1400	1400	1100	800	600	500
	.10	.10	1800	1800	1800	1700	1000	800	800	600	200	0	0
	.90	.90	4300	4300	4300	3900	3000	2900	2900	2200	2100	1700	1600
	.50	.50	3400	3400	3400	3000	2100	2100	2100	1700	1300	1100	900
	.10	.10	2200	2200	2000	2000	1600	1300	1000	800	600	400	100
	.90	.90	5500	5500	5500	5500	5500	5300	5300	4500	3900	2900	2900
	.50	.50	4600	4600	4600	4600	4600	4400	4400	3600	3000	2100	2100
	.10	.10	3200	3200	3200	3200	3200	3000	3000	2200	1600	1300	900
3300	.90	.90	2900	2900	2800	2800	2200	2200	2200	1500	1400	1200	1100
	.50	.50	2100	2100	2100	2000	1400	1400	1400	1100	800	600	600
	.10	.10	1800	1800	1800	1700	1000	1000	800	600	200	100	0
	.90	.90	4400	4400	4400	3900	3000	3000	2900	2300	2200	1700	1600
	.50	.50	3500	3500	3500	3000	2100	2100	2100	1900	1400	1200	1000
	.10	.10	2200	2200	2200	2100	1700	1400	1300	800	700	400	200
	.90	.90	5500	5500	5500	5500	5500	5500	5500	4600	3900	3200	2900
	.50	.50	4600	4600	4600	4600	4600	4600	4600	3800	3000	2300	2100
	.10	.10	3200	3200	3200	3200	3200	3200	3200	2500	1700	1400	1000

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3400	.90	2900	2900	2900	2800	2300	2200	2200	2200	1700	1400	1200	1100
	.50	2500	2500	2100	2100	2000	1800	1400	1400	1200	900	700	600
	.10	2200	2200	1800	1800	1700	1000	1000	1000	700	300	100	0
	.90	4400	4400	4400	3900	3900	3200	3000	3000	2800	2200	1800	1600
	.50	3500	3500	3500	3000	3000	2300	2300	2100	2000	1400	1300	1100
	.10	2200	2200	2200	2100	1800	1700	1600	1400	900	700	500	300
	.90	5500	5500	5500	5500	5500	5500	5500	5500	4600	3900	3400	2900
	.50	4600	4600	4600	4600	4600	4600	4600	4600	3800	3000	2600	2100
	.10	3200	3200	3200	3200	3200	3200	3200	3200	2500	2200	1600	1300
3500	.90	3800	2900	2900	2900	2700	2200	2200	2200	1700	1400	1300	1200
	.50	2900	2500	2100	2100	2100	1900	1700	1400	1300	900	700	600
	.10	2200	2200	1800	1800	1700	1400	1000	1000	700	400	100	0
	.90	4500	4500	4500	4500	3900	3200	3200	3000	2900	2200	2000	1700
	.50	3600	3600	3600	3600	3000	2500	2300	2200	2100	1400	1300	1100
	.10	2200	2200	2200	2200	1800	1700	1600	1600	1000	700	600	400
	.90	5500	5500	5500	5500	5500	5500	5500	5500	4600	4500	3900	3000
	.50	4600	4600	4600	4600	4600	4600	4600	4600	3800	3600	3000	2300
	.10	3200	3200	3200	3200	3200	3200	3200	3200	2500	2200	1600	1300
3600	.90	3800	2900	2900	2900	2800	2300	2200	2200	1800	1400	1400	1300
	.50	2900	2500	2500	2100	2100	2000	1900	1700	1300	1000	800	600
	.10	2200	2200	2200	1800	1700	1400	1300	1000	700	400	100	0
	.90	4500	4500	4500	4500	3900	3900	3200	3200	2900	2200	2100	1700
	.50	3600	3600	3600	3600	3000	3000	2300	2300	2100	1700	1400	1200
	.10	2200	2200	2200	2200	2200	1800	1700	1600	1000	800	700	400
	.90	5900	5900	5900	5500	5500	5500	5500	5500	5400	4600	3900	3200
	.50	5000	5000	5000	4600	4600	4600	4600	4600	4500	3800	3000	2300
	.10	3600	3600	3600	3200	3200	3200	3200	3200	3100	2400	1800	1600
3700	.90	3900	3200	2900	2900	2800	2500	2200	2200	2100	1500	1400	1300
	.50	3000	2500	2500	2300	2100	2000	2000	1800	1400	1100	900	700
	.10	2200	2200	2200	1800	1800	1700	1400	1000	700	500	200	100
	.90	4600	4600	4600	4600	3900	3900	3200	3200	2900	2200	2200	1800
	.50	3700	3700	3700	3700	3000	3000	2500	2300	2100	1800	1400	1300
	.10	2700	2300	2300	2300	2200	1800	1700	1600	1200	800	700	500
	.90	5900	5900	5900	5900	5900	5500	5500	5500	5500	4600	4500	3900
	.50	5000	5000	5000	5000	5000	4600	4600	4600	4600	3800	3600	3000
	.10	3600	3600	3600	3600	3600	3200	3200	3200	3200	2400	1800	1600

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD:  
 SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
3800	.90	.90	3900	2900	2900	2900	2700	2300	2200	2200	1600	1400	1400
	.50	.50	3000	2500	2500	2100	2100	2000	1900	1400	1200	900	800
	.10	.10	2200	2200	2200	1800	1700	1400	1300	800	500	300	100
	.90	.90	4600	4600	4600	3900	3900	3600	3200	2900	2500	2200	2000
	.50	.50	3700	3700	3700	3000	3000	2700	2300	2100	2000	1400	1300
	.10	.10	2700	2300	2300	2200	1800	1700	1700	1300	800	700	500
	.90	.90	5900	5900	5900	5900	5900	5500	5500	5500	4600	4500	3900
	.50	.50	5000	5000	5000	5000	5000	4600	4600	4600	3800	3600	3000
	.10	.10	3600	3600	3600	3600	3600	3200	3200	3200	2500	2200	1800
3900	.90	.90	4000	3200	3200	2900	2800	2500	2300	2200	1700	1400	1400
	.50	.50	3100	2500	2500	2200	2100	2100	2000	1400	1200	1000	800
	.10	.10	2200	2200	2200	1800	1700	1500	1400	800	600	300	100
	.90	.90	4700	4700	4700	3900	3900	3900	3200	3000	2800	2200	2100
	.50	.50	3800	3800	3800	3000	3000	3000	2500	2100	2100	1700	1400
	.10	.10	2700	2400	2400	2200	1900	1800	1700	1300	900	800	700
	.90	.90	5900	5900	5900	5900	5900	5900	5600	5500	5500	4600	4500
	.50	.50	5000	5000	5000	5000	5000	5000	4700	4600	4600	3800	3600
	.10	.10	3600	3600	3600	3600	3600	3600	3300	3200	3200	2500	2200
4000	.90	.90	4100	3200	3200	2900	2800	2700	2500	2200	1700	1500	1400
	.50	.50	3200	2500	2500	2300	2100	2100	2000	1400	1300	1100	900
	.10	.10	2700	2200	2200	1800	1700	1700	1400	1000	600	400	100
	.90	.90	4700	4700	4700	4500	3900	3900	3900	3000	2900	2200	2200
	.50	.50	3800	3800	3800	3600	3000	3000	3000	2100	2100	1700	1400
	.10	.10	2900	2400	2400	2200	2200	1800	1700	1400	900	800	700
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600	4500
	.50	.50	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800	3600
	.10	.10	3600	3600	3600	3600	3600	3600	3600	3200	3200	2500	2200
4100	.90	.90	4100	3200	3200	2900	2900	2800	2700	2200	1800	1600	1400
	.50	.50	3200	2500	2500	2300	2100	2100	2100	1700	1300	1100	900
	.10	.10	2700	2200	2200	1900	1800	1700	1400	1000	700	400	200
	.90	.90	4800	4800	4800	4700	3900	3900	3900	3000	2900	2500	2200
	.50	.50	3900	3900	3900	3800	3000	3000	3000	2300	2100	2000	1600
	.10	.10	2900	2700	2500	2400	2200	2200	1900	1600	1000	800	700
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800	3800
	.10	.10	3600	3600	3600	3600	3600	3600	3600	3200	3200	2500	2200
	.90	.90	4100	4100	4100	4100	4100	4100	4100	3700	3200	2500	2200
	.50	.50	3200	2500	2500	2300	2100	2100	2100	1700	1300	1100	900
	.10	.10	2700	2200	2200	1900	1800	1700	1400	1000	700	400	200
	.90	.90	4800	4800	4800	4700	3900	3900	3900	3000	2900	2500	2200
	.50	.50	3900	3900	3900	3800	3000	3000	3000	2300	2100	2000	1600
	.10	.10	2900	2700	2500	2400	2200	2200	1900	1600	1000	800	700
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800	3800
	.10	.10	3600	3600	3600	3600	3600	3600	3600	3200	3200	2500	2200
	.90	.90	4100	4100	4100	4100	4100	4100	4100	3700	3200	2500	2200
	.50	.50	3200	2500	2500	2300	2100	2100	2100	1700	1300	1100	900
	.10	.10	2700	2200	2200	1900	1800	1700	1400	1000	700	400	200
	.90	.90	4800	4800	4800	4700	3900	3900	3900	3000	2900	2500	2200
	.50	.50	3900	3900	3900	3800	3000	3000	3000	2300	2100	2000	1600
	.10	.10	2900	2700	2500	2400	2200	2200	1900	1600	1000	800	700
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800	3800
	.10	.10	3600	3600	3600	3600	3600	3600	3600	3200	3200	2500	2200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
4200	.90	4200	4200	3200	3200	2900	2900	2900	2800	2200	2000	1700	1500
	.50	3300	3300	2500	2500	2500	2200	2100	2100	1700	1400	1200	1000
	.10	2700	2200	2200	2200	2100	1800	1700	1700	1000	700	400	300
	.90	4800	4800	4800	4800	4700	4600	3900	3900	3200	2900	2600	2200
	.50	3900	3900	3900	3900	3800	3800	3000	3000	2300	2100	2100	1700
	.10	2900	2700	2500	2500	2500	2400	2200	2200	1600	1200	800	700
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600	4600
	.50	5000	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800	3800
	.10	3600	3600	3600	3600	3600	3600	3600	3600	3200	3200	2500	2500
4300	.90	4200	4200	3300	3200	3000	2900	2900	2800	2200	2100	1700	1500
	.50	3300	3300	3000	2500	2500	2300	2100	2100	1800	1400	1200	1100
	.10	2900	2200	2200	2200	2200	1900	1700	1700	1200	700	500	300
	.90	4800	4800	4800	4800	4700	4700	4500	4500	3200	2900	2800	2200
	.50	3900	3900	3900	3900	3800	3800	3600	3600	2500	2100	2100	1700
	.10	2900	2700	2500	2500	2500	2400	2400	2200	1600	1300	900	800
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5700	5500	5500	4600
	.50	5000	5000	5000	5000	5000	5000	5000	5000	4800	4600	4600	3800
	.10	3600	3600	3600	3600	3600	3600	3600	3600	3400	3200	3200	2500
4400	.90	4200	4200	4200	3200	3200	2900	2900	2900	2300	2200	1800	1600
	.50	3300	3300	3300	2500	2500	2300	2200	2100	2000	1400	1300	1100
	.10	2900	2700	2200	2200	2200	1900	1800	1700	1300	800	500	300
	.90	4900	4900	4900	4900	4900	4700	4700	4500	3400	3000	2900	2400
	.50	4000	4000	4000	4000	4000	3800	3800	3600	2800	2100	2100	1900
	.10	2900	2700	2600	2600	2600	2400	2400	2200	1700	1300	1000	800
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5800	5500	5500	4600
	.50	5000	5000	5000	5000	5000	5000	5000	5000	4900	4600	4600	3800
	.10	3600	3600	3600	3600	3600	3600	3600	3600	3500	3200	3200	2500
4500	.90	4300	4300	4300	3200	3200	3000	2900	2900	2400	2200	1800	1700
	.50	3400	3400	3400	2500	2500	2300	2300	2100	2000	1400	1300	1200
	.10	2900	2700	2200	2200	2200	2000	1800	1700	1300	800	600	400
	.90	4900	4900	4900	4900	4900	4700	4700	4600	3900	3000	2900	2500
	.50	4000	4000	4000	4000	4000	3800	3800	3800	3000	2100	2100	2000
	.10	3200	2700	2600	2600	2600	2500	2400	2400	1800	1400	1000	800
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600
	.50	5000	5000	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800
	.10	3600	3600	3600	3600	3600	3600	3600	3600	3500	3200	3200	2500
	.90	4300	4300	4300	3200	3200	3000	2900	2900	2400	2200	1800	1700
	.50	3400	3400	3400	2500	2500	2300	2300	2100	2000	1400	1300	1200
	.10	2900	2700	2200	2200	2200	2000	1800	1700	1300	800	600	400
	.90	4900	4900	4900	4900	4900	4700	4700	4600	3900	3000	2900	2500
	.50	4000	4000	4000	4000	4000	3800	3800	3800	3000	2100	2100	2000
	.10	3200	2700	2600	2600	2600	2500	2400	2400	1800	1400	1000	800
	.90	5900	5900	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600
	.50	5000	5000	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800
	.10	3600	3600	3600	3600	3600	3600	3600	3600	3500	3200	3200	2500





TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPANNING WUA - STEELHEAD: SPANNING MONTH - MAY INCUBATION MONTH - AUGUST

SPANNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
5400	.90	.90	4700	4700	4700	4500	3900	3900	3900	3000	2900	2500	2200
	.50	.50	4000	3800	3800	3600	3000	3000	3000	2300	2100	2100	1700
	.10	.10	3600	3100	2800	2500	2500	2200	2200	1700	1300	900	800
	.90	.90	5500	5500	5500	5500	5500	5500	5500	4600	4500	3900	3200
	.50	.50	4600	4600	4600	4600	4600	4600	4600	3800	3600	3000	2500
	.10	.10	3900	3200	3200	3200	3200	3200	3200	2500	2500	2100	1600
	.90	.90	7200	6300	6300	6300	6300	5900	5900	5900	5900	5500	5500
	.50	.50	6400	5400	5400	5400	5400	5000	5000	5000	5000	4600	4600
	.10	.10	5100	4000	4000	4000	4000	3600	3600	3600	3600	3200	3200
5500	.90	.90	4800	4800	4800	4700	4300	3900	3900	3200	2900	2700	2300
	.50	.50	4000	3900	3900	3800	3600	3000	3000	2500	2100	2100	1900
	.10	.10	3600	3100	2800	2500	2500	2400	2400	1800	1400	1000	800
	.90	.90	5500	5500	5500	5500	5500	5500	5500	4700	4500	3900	3200
	.50	.50	4600	4600	4600	4600	4600	4600	4600	3900	3800	3000	2900
	.10	.10	4000	3500	3200	3200	3200	3200	3200	3100	2500	2200	1700
	.90	.90	7200	6300	6300	6300	6300	5900	5900	5900	5900	5500	5500
	.50	.50	6400	5400	5400	5400	5400	5000	5000	5000	5000	4600	4600
	.10	.10	5100	4000	4000	4000	4000	3600	3600	3600	3600	3200	3200
5600	.90	.90	4800	4800	4800	4700	4600	4500	3900	3200	3000	2900	2500
	.50	.50	4000	3900	3900	3800	3800	3600	3000	2900	2100	2100	2000
	.10	.10	3600	3100	2900	2700	2500	2500	2500	2100	1400	1000	800
	.90	.90	5900	5900	5500	5500	5500	5500	5500	5400	4600	4300	3700
	.50	.50	5000	5000	4600	4600	4600	4600	4600	4500	3800	3600	3000
	.10	.10	4000	3600	3600	3200	3200	3200	3200	3100	2500	2200	2100
	.90	.90	7200	6300	6300	6300	6300	5900	5900	5900	5900	5500	5500
	.50	.50	6400	5400	5400	5400	5400	5000	5000	5000	5000	4600	4600
	.10	.10	5100	4200	4000	4000	4000	3600	3600	3600	3600	3200	3200
5700	.90	.90	4800	4800	4800	4700	4700	4600	4500	3200	3000	2900	2500
	.50	.50	4200	3900	3900	3900	3800	3800	3600	2900	2300	2100	2100
	.10	.10	3900	3100	3100	2700	2500	2500	2500	2200	1600	1200	900
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5500	5000	4600	3900
	.50	.50	5000	5000	5000	5000	5000	5000	5000	4600	4600	4500	3000
	.10	.10	4000	3600	3600	3600	3600	3200	3200	3200	2500	2500	2200
	.90	.90	7200	7200	7200	6400	6400	5900	5900	5900	5900	5500	5500
	.50	.50	6400	6400	6400	5500	5500	5000	5000	5000	5000	4600	4600
	.10	.10	5100	5100	5100	4100	4100	3600	3600	3600	3600	3200	3200

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD:  
 SPawning MONTH - MAY INCUBATION MONTH - AUGUST

SPawning INCUBATION		INCUBATION MONTH - AUGUST															
Q	EXC.	100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00				
5800	.90	4900	4900	4900	4900	4900	4700	4700	4600	3900	3100	2900	2700				
	.50	4300	4000	4000	4000	4000	3800	3800	3800	3000	2300	2100	2100				
	.10	4000	3600	3100	3100	2800	2600	2500	2500	2200	1600	1300	900				
	.90	5900	5900	5900	5900	5900	5900	5500	5500	5500	4600	4600	3900				
	.50	5000	5000	5000	5000	5000	5000	4600	4600	4600	3800	3800	3400				
5900	.10	4400	3600	3600	3600	3600	3600	3200	3200	3200	2500	2500	2200				
	.90	7200	7200	7200	6400	6400	6400	5900	5900	5900	5900	5500	5500				
	.50	6400	6400	6400	5500	5500	5500	5000	5000	5000	5000	4600	4600				
	.10	5100	5100	5100	4200	4100	4100	3700	3700	3600	3600	3200	3200				
	.90	4900	4900	4900	4900	4900	4700	4700	4600	3900	3200	2900	2800				
6000	.50	4300	4000	4000	4000	4000	3800	3800	3800	3000	2500	2100	2100				
	.10	4000	3600	3500	3100	2800	2600	2500	2500	2400	1800	1400	1000				
	.90	5900	5900	5900	5900	5900	5900	5900	5600	5500	5500	4600	4500				
	.50	5000	5000	5000	5000	5000	5000	5000	4700	4600	4600	3800	3600				
	.10	4400	4100	3600	3600	3600	3600	3600	3600	3200	3200	2500	2500				
6100	.90	7800	7200	7200	6500	6500	6500	5900	5900	5900	5900	5500	5500				
	.50	6900	6400	6400	5600	5600	5600	5000	5000	5000	5000	4600	4600				
	.10	5500	5100	5100	4200	4200	4200	3900	3700	3600	3600	3200	3200				
	.90	5000	5000	5000	5000	5000	4700	4700	4600	3900	3200	2900	2800				
	.50	4300	4100	4100	4100	4100	3800	3800	3800	3000	2600	2300	2100				

TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPawning WUA - STEELHEAD: SPawning MONTH - MAY INCUBATION MONTH - AUGUST

SPawning INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
6200	.90	.90	5100	5100	5100	5100	4700	4600	4600	3900	3200	3100	2900
	.50	.50	4700	4200	4200	4200	3800	3800	3800	3100	2900	2300	2100
	.10	.10	4400	3600	3100	2900	2800	2800	2500	2500	2100	1600	1300
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800	3800
	.10	.10	4500	4400	4200	3600	3600	3600	3600	3400	3200	3100	2500
	.90	.90	7900	7200	6500	6500	6500	6300	5900	5900	5900	5900	5500
	.50	.50	7000	6400	5600	5600	5600	5500	5100	5000	5000	5000	4600
	.10	.10	5600	5100	4700	4200	4200	4200	3800	3600	3600	3600	3200
6300	.90	.90	5100	5100	5100	5100	4700	4600	4600	4300	3200	3200	2900
	.50	.50	4700	4500	4200	4200	4000	3800	3800	3600	2900	2500	2100
	.10	.10	4400	4200	3600	3000	2800	2800	2700	2500	2200	1600	1300
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5700	5500	5500	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	4800	4600	4600	3800
	.10	.10	4600	4400	4200	3600	3600	3600	3600	3400	3200	3200	2500
	.90	.90	7900	7200	6500	6500	6500	6300	6000	5900	5900	5900	5500
	.50	.50	7000	6400	5600	5600	5600	5500	5200	5000	5000	5000	4600
	.10	.10	5600	5100	5100	4200	4200	4200	4200	3600	3600	3600	3200
6400	.90	.90	5200	5200	5200	5200	4600	4600	4600	4500	3500	3200	2900
	.50	.50	4800	4500	4300	4300	4000	3800	3800	3600	3000	2600	2300
	.10	.10	4500	4200	3600	3100	2900	2900	2700	2500	2200	1700	1400
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5800	5500	5500	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	4900	4600	4600	3800
	.10	.10	4600	4600	4200	3600	3600	3600	3600	3600	3200	3200	2500
	.90	.90	8000	7200	6500	6500	6500	6400	6000	5900	5900	5900	5500
	.50	.50	7100	6400	5800	5600	5600	5600	5200	5000	5000	5000	4600
	.10	.10	5700	5100	5100	4300	4200	4200	4200	3600	3600	3600	3200
6500	.90	.90	5500	5500	5500	5200	5200	4600	4600	4500	3900	3200	3000
	.50	.50	4800	4700	4600	4500	4300	4000	3800	3600	3000	2900	2300
	.10	.10	4500	4400	4200	3200	3100	2900	2900	2500	2200	1800	1600
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800
	.10	.10	4600	4600	4200	3600	3600	3600	3600	3600	3200	3200	2800
	.90	.90	8000	7200	6500	6500	6500	6400	6000	5900	5900	5900	5500
	.50	.50	7100	6400	5600	5600	5600	5600	5200	5000	5000	5000	4600
	.10	.10	5700	5100	5100	4300	4200	4200	4200	3600	3600	3600	3200
	.90	.90	5500	5500	5500	5200	5200	4600	4600	4500	3900	3200	3000
	.50	.50	4800	4700	4600	4500	4300	4000	3800	3600	3000	2900	2300
	.10	.10	4500	4400	4200	3200	3100	2900	2900	2500	2200	1800	1600
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800
	.10	.10	4600	4600	4200	3600	3600	3600	3600	3600	3200	3200	2800
	.90	.90	8000	7200	6500	6500	6500	6400	6000	5900	5900	5900	5500
	.50	.50	7100	6400	5600	5600	5600	5600	5200	5000	5000	5000	4600
	.10	.10	5700	5100	5100	4300	4200	4200	4200	3600	3600	3600	3200
	.90	.90	5500	5500	5500	5200	5200	4600	4600	4500	3900	3200	3000
	.50	.50	4800	4700	4600	4500	4300	4000	3800	3600	3000	2900	2300
	.10	.10	4500	4400	4200	3200	3100	2900	2900	2500	2200	1800	1600
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800
	.10	.10	4600	4600	4200	3600	3600	3600	3600	3600	3200	3200	2800
	.90	.90	8000	7200	6500	6500	6500	6400	6000	5900	5900	5900	5500
	.50	.50	7100	6400	5600	5600	5600	5600	5200	5000	5000	5000	4600
	.10	.10	5700	5100	5100	4300	4200	4200	4200	3600	3600	3600	3200
	.90	.90	5500	5500	5500	5200	5200	4600	4600	4500	3900	3200	3000
	.50	.50	4800	4700	4600	4500	4300	4000	3800	3600	3000	2900	2300
	.10	.10	4500	4400	4200	3200	3100	2900	2900	2500	2200	1800	1600
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800
	.10	.10	4600	4600	4200	3600	3600	3600	3600	3600	3200	3200	2800
	.90	.90	8000	7200	6500	6500	6500	6400	6000	5900	5900	5900	5500
	.50	.50	7100	6400	5600	5600	5600	5600	5200	5000	5000	5000	4600
	.10	.10	5700	5100	5100	4300	4200	4200	4200	3600	3600	3600	3200
	.90	.90	5500	5500	5500	5200	5200	4600	4600	4500	3900	3200	3000
	.50	.50	4800	4700	4600	4500	4300	4000	3800	3600	3000	2900	2300
	.10	.10	4500	4400	4200	3200	3100	2900	2900	2500	2200	1800	1600
	.90	.90	5900	5900	5900	5900	5900	5900	5900	5900	5500	5500	4600
	.50	.50	5000	5000	5000	5000	5000	5000	5000	5000	4600	4600	3800
	.10	.10	4600	4600	4200	3600	3600	3600	3600	3600	3200	3200	2800
	.90	.90	8000	7200	6500	6500	6500	6400	6000	5900	5900	5900	5500
	.50	.50	7100	6400	5600	5600	5600	5600	5200	5000	5000	5000	4600
	.10	.10	5700	5100	5100	4300	4200	4200	4200	3600	3600	3600	3200



TABLE 4. GORGE RELEASE (CFS) PROVIDING INDICATED % OF MAX EFFECTIVE SPAWNING WUA -- STEELHEAD:  
 SPAWNING MONTH -- MAY INCUBATION MONTH -- AUGUST

SPAWNING INCUBATION		100.0	99.99	99.95	99.90	99.75	99.50	99.25	99.00	97.50	95.00	92.50	90.00
Q	EXC.	EXC.											
7000	.90	.90	5900	5900	5500	5500	5500	5500	5500	5400	4600	4500	3900
	.50	.50	5700	5000	4600	4600	4600	4600	4600	4500	3800	3600	3000
	.10	.10	5400	4700	4200	3600	3200	3200	3200	3200	2500	2500	2200
	.90	.90	6100	6100	6100	6100	6100	5900	5900	5900	5500	5500	5500
	.50	.50	5800	5500	5200	5200	5200	5000	5000	5000	4600	4600	4600
	.10	.10	5500	5200	4900	4200	3800	3800	3600	3600	3600	3200	3200
	.90	.90	8200	7200	7200	6600	6500	6500	6000	5900	5900	5900	5500
	.50	.50	7300	6400	6400	5800	5600	5600	5200	5000	5000	5000	4600
	.10	.10	5900	5800	5100	4500	4400	4200	4200	3900	3600	3600	3600

.02.36.43LP, 2.965, , GDNR002, TH, 00

APPENDIX K

Table 1. The percentage of the maximum effective spawning WUA for natural flows of spawning year 1954 using the IFG effective spawning program for chinook salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected.

Year	Spawning		Incubation												
	Sep Q	Exc.	Flow	Q	Exc.	%	Q	Exc.	%	Q	Exc.	%	Q	Exc.	%
1954	3800 (mean for month)	.10	Mean	2800	.50	100.0	2000	.50	100.0	1600	.50	99.6	1300	.90	97.6
			Low				900	.90	90.7	500	.90	83.6	900	.90	93.9
	5100 (high flow of month)	.10	Mean	2800	.50	99.8	2000	.50	99.2	1600	.50	97.6	1300	.90	91.0
Low					900	.90	75.7	500	.90	64.8	900	.90	82.2		

Table 2. The percentage of the maximum effective spawning WUA for natural flows of spawning year 1954 using the FRI effective spawning program based on egg depth for chinook salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected.

Year	Spawning		Incubation												
	Sep Q	Exc.	Flow	Oct			Jan			Feb			Mar		
				Q	Exc.	%	Q	Exc.	%	Q	Exc.	%	Q	Exc.	%
1954	3800	.10	Mean	2800	.50	100.0	2000	.50	100.0	1600	.50	99.9	1300	.90	99.7
	(mean for month)		Low				900	.90	95.9	500	.90	91.7	900	.90	98.3
	5100	.10	Mean	2800	.50	99.9	2000	.50	99.8	1600	.50	99.0	1300	.90	98.1
	(high flow of month)		Low				900	.90	88.0	500	.90	79.3	900	.90	93.2

Table 3. The percentage of the maximum effective spawning WUA for natural flos of spawning year 1956 using the IFG effective spawning program for pink salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected.

Year	Spawning		Incubation						
	Oct Q	Exc.	Flow	Jan			Feb		
				Q	Exc.	%	Q	Exc.	%
1956	4900 (mean for month)	.10	Mean	1700	.50	79.9	1100	.90	47.2
			Low	700	.90	34.6	600	.90	33.1
	31000 <sup>1</sup> (high flow of month)	.10	Mean	1700	.50	62.8	1100	.90	33.9
			Low	700	.90	25.1	600	.90	24.2

<sup>1</sup>The maximum spawning flow available in the data base (7,000 cfs at .10 tributary inflow) was used.

Table 4. The percentage of the maximum effective spawning WUA for natural flows of spawning year 1956 using the FRI effective spawning program based on egg depth for pink salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected.

Year	Spawning		Incubation						
	Oct	Exc.	Flow	Jan			Feb		
	Q			Q	Exc.	%	Q	Exc.	%
1956	4900	.10	Mean	1700	.50	84.3	1100	.90	50.2
	(mean for month)		Low	700	.90	36.1	600	.90	34.1
	31000 <sup>1</sup>	.10	Mean	1700	.50	64.2	1100	.90	36.5
	(high flow of month)		Low	700	.90	24.6	600	.90	23.6

<sup>1</sup>The maximum spawning flow available in the data base (7,000 cfs at .10 tributary inflow) was used.

Table 5. The percentage of the maximum effective spawning WUA for natural flows of spawning years 1978 and 1980 using the IFG effective spawning program for chum salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected.

Year	Spawning			Incubation														
	Dec Q	Exc.	Exc.	Jan			Feb			Mar			Apr					
				Flow	Q	Exc. %	Flow	Q	Exc. %	Flow	Q	Exc. %	Flow	Q	Exc. %			
1978	5000 (mean for month)	.10	.10	Mean	1500	.90	48.2	1600	.50	78.5								
				Low	1200	.90	41.6	1100	.90	40.5								
	6800 (mean for first half of month)	.10	.10	Mean	1500	.90	34.3	1600	.50	63.5								
				Low	1200	.90	29.5	1100	.90	29.3								
1980	11500 <sup>1</sup> (high flow of month)	.10	.10	Mean	1500	.90	33.0	1600	.50	62.3								
				Low	1200	.90	28.5	1100	.90	28.3								
	6200 (mean for month)	.10	.10	Mean	1800	.50	79.6	2400	.50	80.2	2500	.50	80.1	5400	.10	98.4		
				Low	900	.90	29.1	1300	.90	34.1	1700	.50	66.6	1400	.90	62.0		
8900 <sup>1</sup> (mean for first 18 days)	.10	.10	Mean	1800	.50	72.4	2400	.50	74.2	2500	.50	74.0	5400	.10	98.3			
			Low	900	.90	25.4	1300	.90	29.6	1700	.50	60.7	1400	.90	56.3			

<sup>1</sup>The maximum spawning flow available in the data base (7,000 cfs at .10 tributary inflow) was used.

Table 6. The percentage of the maximum effective spawning WUA for natural flows of spawning years 1978 and 1980 using the FRI effective spawning program based on egg depth for chum salmon. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected.

Spawning		Incubation													
Year	Dec Q	Exc.	Jan		Feb		Mar		Apr		Q	Exc.	%		
			Flow	Q	Exc.	%	Flow	Q	Exc.	%				Flow	Q
1978	5000 (mean for month)	.10	Mean	1500	.90	56.9	1600	.50	87.7						
			Low	1200	.90	42.8	1100	.90	38.9						
	6800 (mean for first half of month)	.10	Mean	1500	.90	41.5	1600	.50	70.1						
			Low	1200	.90	28.8	1100	.90	26.8						
1980	6200 (mean for month)	.10	Mean	1500	.90	40.2	1600	.50	68.5						
			Low	1200	.90	27.6	1100	.90	25.8						
	8900 <sup>1</sup> (mean for first 18 days)	.10	Mean	1800	.50	77.6	2400	.50	81.9	2500	.50	81.9	5400	.10	100.0
			Low	900	.90	26.9	1300	.90	34.9	1700	.50	75.8	1400	.90	62.0
			Mean	1800	.50	70.6	2400	.50	75.9	2500	.50	75.9	5400	.10	100.0
			Low	900	.90	22.5	1300	.90	29.1	1700	.50	68.6	1400	.90	55.6

<sup>1</sup>The maximum spawning flow available in the data base (7,000 cfs at .10 tributary inflow) was used.

Table 7. The percentage of the maximum effective spawning WUA for natural flows of spawning years 1948, 1957 and 1980 using the IFG effective spawning program for steelhead trout. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected.

Year	Spawning			Incubation									
	May Q	Exc.	Flow	Jun		Jul		Aug		Q		%	
				Q	Exc.	Q	Exc.	Q	Exc.	Q	Exc.	%	%
1948	11200 <sup>1</sup> (mean for month)	.10	Mean	16900	.10	100.0	7500	.50	100.0	4000	.50	82.0	
			Low	9500	.50	100.0	4200	.90	84.2	3100	.50	72.7	
1957	14300 <sup>1</sup> (mean for month)	.10	Mean	9000	.90	100.0	4100	.90	84.1	3000	.50	71.1	
			Low	4900	.90	100.0	3100	.90	75.9	2500	.90	47.1	
1980	14500 <sup>1</sup> (mean for month)	.10	Mean	7900	.90	100.0	5000	.90	92.6	3100	.50	72.7	
			Low	4700	.90	99.9	3000	.90	75.0	2400	.90	45.5	

<sup>1</sup>The maximum spawning flow available in the data base (7,000 cfs at .10 tributary inflow) was used.

Table 8. The percentage of the maximum effective spawning WUA for natural flows of spawning years 1948, 1957 and 1980 using the FRI effective spawning program based on egg depth for steelhead trout. The tributary exceedance probability most closely representing Newhalem spawning or incubation flow conditions was selected.

Year	Spawning			Incubation								
	May Q	Exc.	Flow	Jun		Jul		Aug				
				Q	%	Q	%	Q	%			
1948	11200 <sup>1</sup> (mean for month)	.10	Mean	16900	.10	100.0	7500	.50	100.0	4000	.50	80.9
			Low	9500	.50	100.0	4200	.90	90.1	3100	.50	73.8
1957	14300 <sup>1</sup> (mean for month)	.10	Mean	9000	.90	100.0	4100	.90	81.1	3000	.50	73.6
			Low	4900	.90	99.9	3100	.90	73.9	2500	.90	50.1
1980	14500 <sup>1</sup> (mean for month)	.10	Mean	7900	.90	100.0	5000	.90	99.1	3100	.50	73.8
			Low	4700	.90	99.8	3000	.90	73.6	2400	.90	44.9

<sup>1</sup>The maximum spawning flow available in the data base (7,000 cfs at .10 tributary inflow) was used.