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Ex. 279-US-435

Unknown

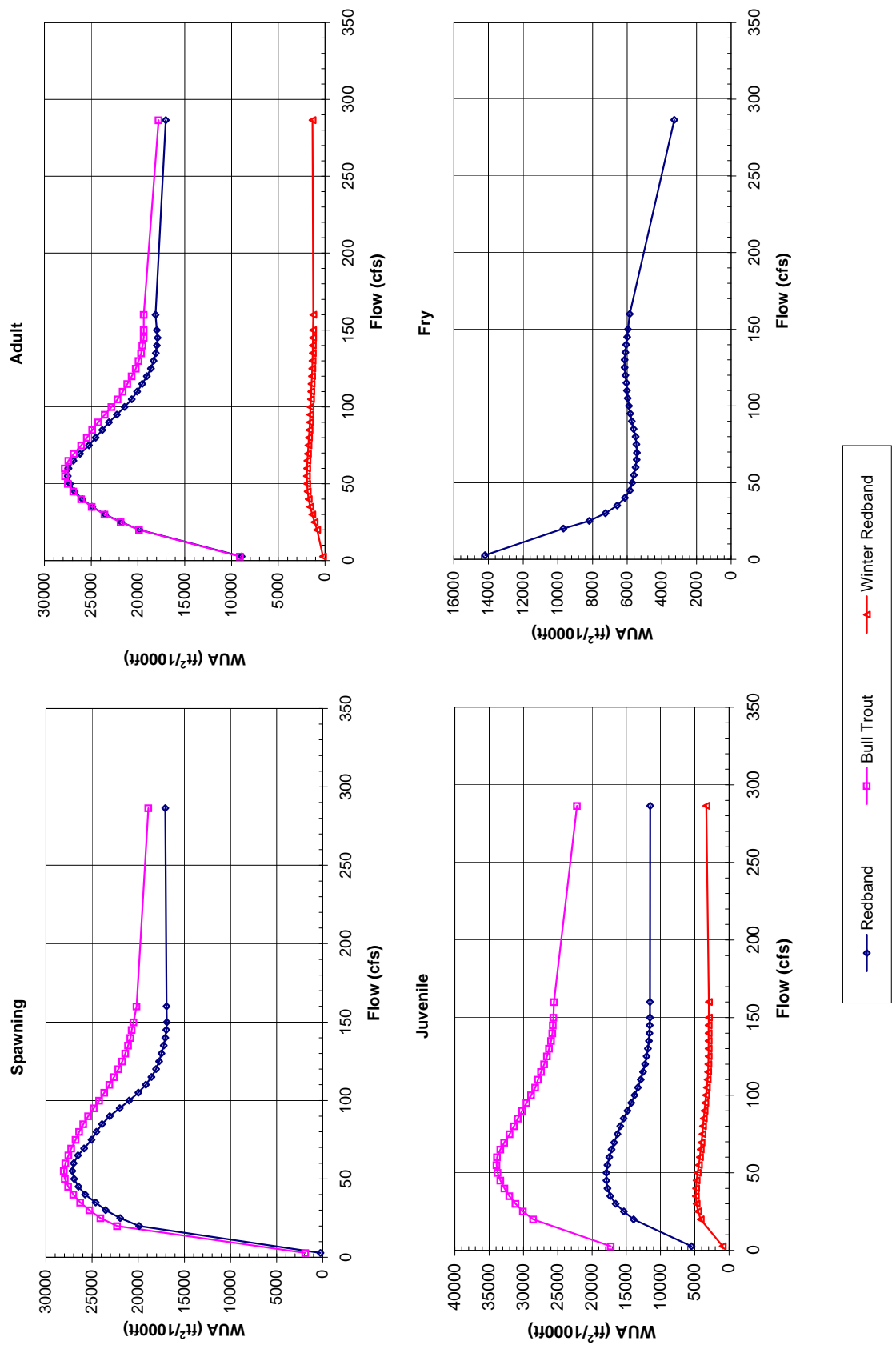
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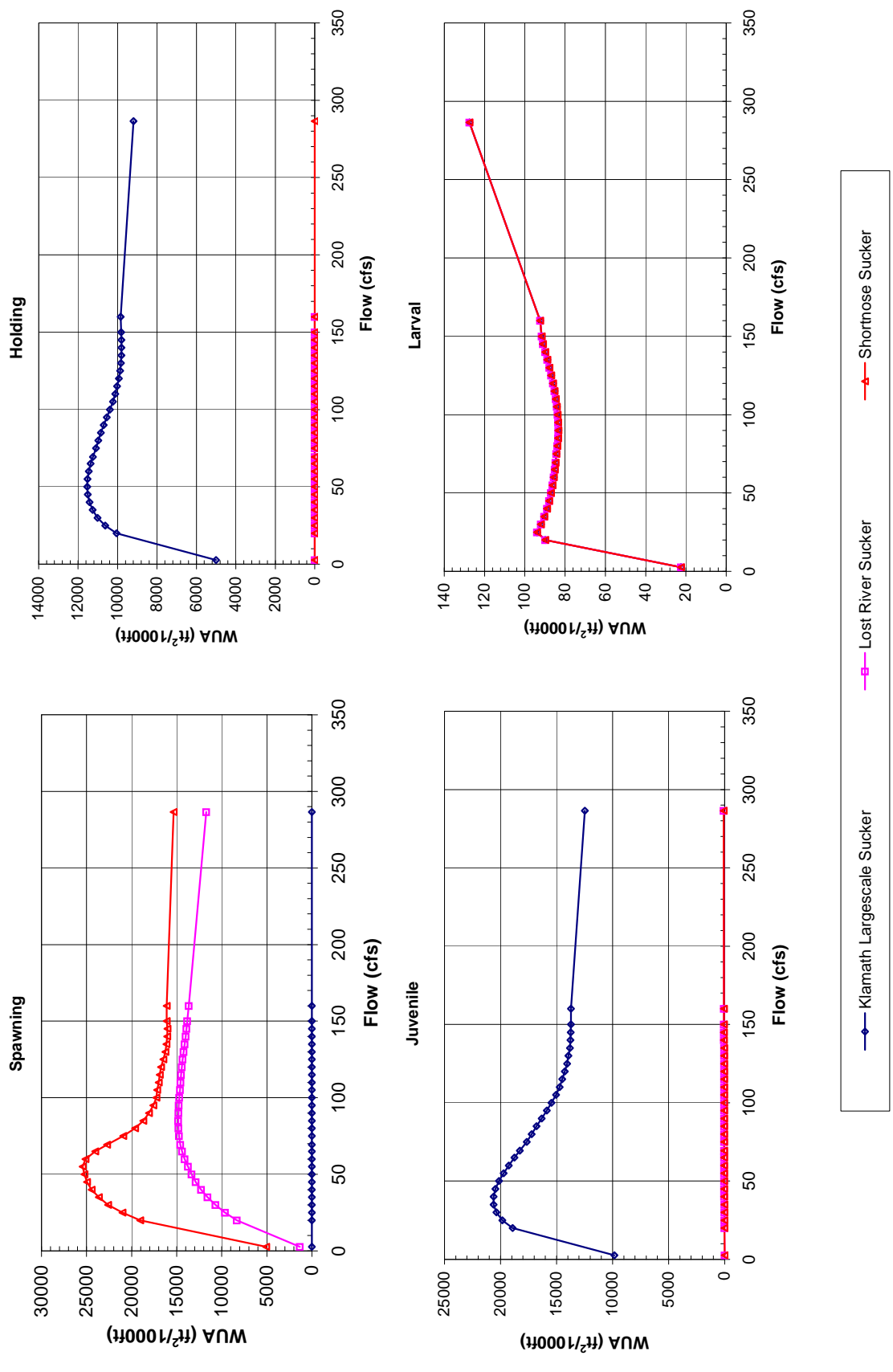
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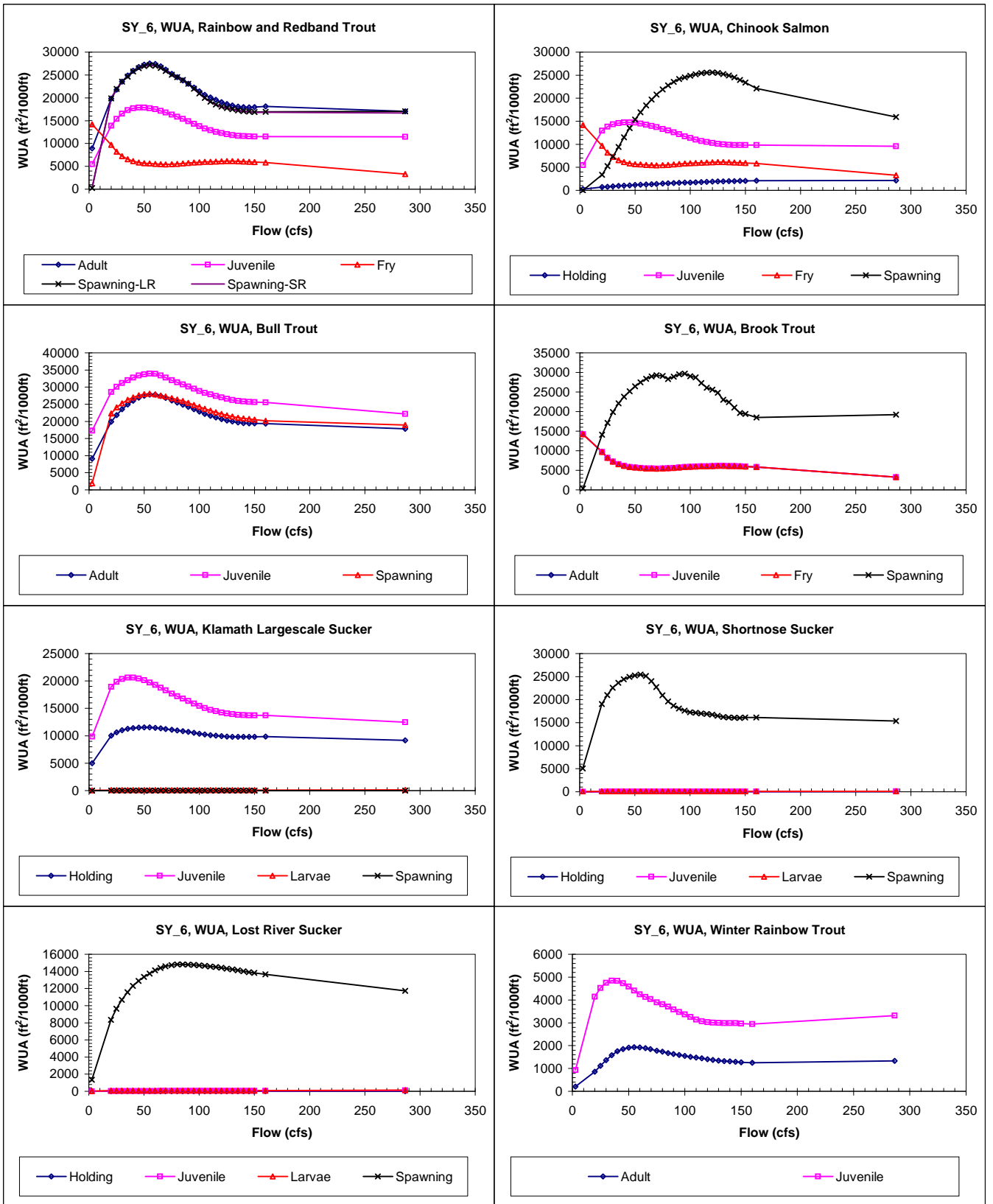
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Site SY 6
Priority Species Habitat - Flow Curves



Site SY 6 Priority Species Habitat - Flow Curves





Claim Reach 663 Sycan River, Site 6, Composite WUA

	WUA (ft ² /1000ft)				
	Q	Spawning - Spawning -			
	(cfs)	Adult	Juvenile	Fry	Large River Small River
2.7	8927	5478	14195	256	256
20	19821	13912	9682	19902	19902
25	21784	15367	8186	21964	21964
30	23525	16532	7253	23548	23548
35	24869	17312	6573	24616	24616
40	25944	17723	6131	25742	25742
45	26758	17880	5830	26463	26463
50	27261	17888	5701	26946	26946
55	27507	17735	5621	27141	27141
60	27429	17490	5511	26990	26990
65	26898	17154	5456	26537	26535
69.4	26192	16785	5442	25873	25858
75	25236	16293	5461	25051	25018
80	24525	15862	5518	24529	24480
85	23821	15370	5630	23924	23857
90	23094	14846	5738	23091	23011
95	22254	14281	5814	22003	21912
100	21434	13782	5896	20973	20872
105	20678	13295	5964	19989	19879
110	20080	12893	6014	19165	19052
115	19554	12559	6045	18562	18445
120	19046	12264	6095	18063	17948
125	18620	12018	6140	17744	17634
130	18337	11844	6144	17485	17385
135	18084	11675	6104	17234	17139
140	17977	11608	6059	17077	16980
145	17913	11569	6003	16963	16866
150	17992	11539	5951	16892	16795
160	18119	11529	5851	16935	16838
286.5	17023	11485	3279	17054	16690

	WUA (ft ² /1000ft)			
	Q	Spawning		
	(cfs)	Holding	Juvenile	Fry Spawning
2.7	261	5478	14195	0
20	701	12969	9682	3392
25	792	13803	8186	5282
30	876	14317	7253	7309
35	952	14588	6573	9414
40	1024	14746	6131	11509
45	1092	14762	5830	13531
50	1158	14686	5701	15362
55	1220	14507	5621	16934
60	1281	14253	5511	18418
65	1342	13981	5456	19711
69.4	1395	13701	5442	20760
75	1461	13325	5461	21923
80	1517	12991	5518	22777
85	1570	12603	5630	23525
90	1621	12182	5738	24152
95	1667	11737	5814	24548
100	1715	11365	5896	24887
105	1762	11017	5964	25179
110	1807	10724	6014	25429
115	1850	10481	6045	25565
120	1889	10268	6095	25602
125	1925	10099	6140	25519
130	1957	9984	6144	25249
135	1987	9869	6104	24911
140	2016	9836	6059	24508
145	2043	9826	6003	23969
150	2067	9819	5951	23377
160	2106	9827	5851	22122
286.5	2170	9592	3279	15911

	WUA (ft ² /1000ft)			
	Q	Spawning		
	(cfs)	Adult	Juvenile	Fry Spawning
2.7	9080	17254		1900
20	19872	28560		22290
25	21833	30052		24086
30	23573	31162		25286
35	24946	32046		26279
40	26055	32757		27022
45	26913	33357		27591
50	27471	33751		27945
55	27790	33926		28064
60	27812	33842		27898
65	27418	33363		27563
69.4	26847	32779		27244
75	26060	32003		26790
80	25466	31387		26396
85	24875	30795		25955
90	24261	30189		25411
95	23542	29535		24817
100	22828	28867		24239
105	22165	28287		23664
110	21624	27850		23113
115	21137	27411		22620
120	20657	26961		22146
125	20240	26553		21735
130	19938	26243		21395
135	19663	25947		21092
140	19504	25788		20856
145	19382	25686		20698
150	19387	25638		20512
160	19366	25556		20185
286.5	17801	22193		18902

	WUA (ft ² /1000ft)			
	Q	Spawning		
	(cfs)	Adult	Juvenile	Fry Spawning
2.7	14195	14195	14195	345
20	9682	9682	9682	14119
25	8186	8186	8186	17137
30	7253	7253	7253	19896
35	6573	6573	6573	22090
40	6131	6131	6131	23807
45	5830	5830	5830	25181
50	5701	5701	5701	26444
55	5621	5621	5621	27499
60	5511	5511	5511	28364
65	5456	5456	5456	29000
69.4	5442	5442	5442	29300
75	5461	5461	5461	29119
80	5518	5518	5518	28321
85	5630	5630	5630	28915
90	5738	5738	5738	29512
95	5814	5814	5814	29673
100	5896	5896	5896	29058
105	5964	5964	5964	28759
110	6014	6014	6014	27316
115	6045	6045	6045	26107
120	6095	6095	6095	25574
125	6140	6140	6140	24813
130	6144	6144	6144	23039
135	6104	6104	6104	22431
140	6059	6059	6059	21040
145	6003	6003	6003	19666
150	5951	5951	5951	19370
160	5851	5851	5851	18472
286.5	3279	3279	3279	19191

Claim Reach 663 Sycan River, Site 6, Composite WUA

	WUA (ft ² /1000ft)				
	Q (cfs)	Holding	Juvenile	Larvae	Spawning
Klamath Largescale Sucker	2.7	5008	9846	22	0
	20	10046	18915	90	0
	25	10630	19839	94	0
	30	11009	20363	92	0
	35	11257	20614	90	0
	40	11416	20620	89	0
	45	11504	20455	88	0
	50	11539	20132	87	0
	55	11520	19719	86	0
	60	11458	19261	86	0
	65	11361	18751	85	0
	69.4	11247	18268	85	0
	75	11089	17670	84	0
	80	10980	17231	84	0
	85	10851	16787	83	0
	90	10699	16331	83	0
	95	10540	15878	83	0
	100	10388	15454	84	0
	105	10234	15050	84	0
	110	10113	14734	85	0
	115	10019	14484	85	0
	120	9936	14262	86	0
	125	9867	14068	87	0
	130	9829	13934	88	0
	135	9796	13812	89	0
	140	9798	13760	90	0
	145	9803	13728	91	0
	150	9813	13715	92	0
	160	9840	13709	92	0
	286.5	9185	12486	128	0

	WUA (ft ² /1000ft)				
	Q (cfs)	Holding	Juvenile	Larvae	Spawning
Shorthead Sucker	2.7	0	6	22	5088
	20	0	25	90	19056
	25	0	28	94	21008
	30	0	30	92	22601
	35	0	33	90	23650
	40	0	35	89	24426
	45	0	36	88	24942
	50	0	38	87	25251
	55	0	40	86	25450
	60	0	41	86	25127
	65	0	43	85	24035
	69.4	0	44	85	22718
	75	0	45	84	20941
	80	0	46	84	19613
	85	0	47	83	18696
	90	0	48	83	18073
	95	0	49	83	17608
	100	0	50	84	17261
	105	0	51	84	17154
	110	0	52	85	17010
	115	0	53	85	16873
	120	0	54	86	16728
	125	0	55	87	16481
	130	0	56	88	16241
	135	0	57	89	16134
	140	0	58	90	16059
	145	0	59	91	16038
	150	0	60	92	16102
	160	0	62	92	16107
	286.5	0	98	128	15339

	WUA (ft ² /1000ft)				
	Q (cfs)	Holding	Juvenile	Larvae	Spawning
Lost River Sucker	2.7	0	6	22	1341
	20	0	25	90	8336
	25	0	28	94	9633
	30	0	30	92	10681
	35	0	33	90	11570
	40	0	35	89	12297
	45	0	36	88	12879
	50	0	38	87	13352
	55	0	40	86	13755
	60	0	41	86	14117
	65	0	43	85	14409
	69.4	0	44	85	14593
	75	0	45	84	14735
	80	0	46	84	14809
	85	0	47	83	14822
	90	0	48	83	14795
	95	0	49	83	14766
	100	0	50	84	14706
	105	0	51	84	14642
	110	0	52	85	14578
	115	0	53	85	14515
	120	0	54	86	14438
	125	0	55	87	14333
	130	0	56	88	14225
	135	0	57	89	14120
	140	0	58	90	14013
	145	0	59	91	13907
	150	0	60	92	13825
	160	0	62	92	13659
	286.5	0	98	128	11723

	WUA (ft ² /1000ft)				
	Q (cfs)	Adult	Juvenile	Fry	Spawning
Winter Rainbow Trout	2.7	209	926		
	20	861	4144		
	25	1116	4522		
	30	1361	4753		
	35	1578	4839		
	40	1752	4830		
	45	1849	4729		
	50	1910	4590		
	55	1934	4413		
	60	1924	4242		
	65	1889	4128		
	69.4	1844	4038		
	75	1780	3897		
	80	1731	3810		
	85	1676	3705		
	90	1629	3586		
	95	1592	3470		
	100	1552	3369		
	105	1509	3251		
	110	1475	3142		
	115	1442	3069		
	120	1404	3025		
	125	1371	3000		
	130	1346	2991		
	135	1324	2985		
	140	1310	2987		
	145	1294	2981		
	150	1275	2969		
	160	1252	2945		
	286.5	1337	3318		