

# **Lake Creek IFIM**

## **Appendix I**

### **HSI and Detailed Amphibian WUA Results for Study Sites 2-4**

#### **Lake Creek Instream Flow**

## Lake Creek Amphibian HSI Tables

Table 1. HSI Substrate Codes, Amphibians		
Code	Description	HSI
1	Silt	0.0
2	Sand	0.0
3	Pea Gravel	0.0
4	Med Gravel	0.0
5	Lg Gravel	0.3
6	Sm Cobble	0.7
7	Lg Cobble	1.0
8	Boulder	0.7
9	Bedrock	0.0

Table 2. Cascade Torrent Salamander ( <i>Rhyacotriton cascadae</i> ) - All Stages (Eggs and Larvae)					
Depth	HSI	Velocity	HSI	Substrate	HSI
0.0	0.00	0.0	0.50	0.0	0.00
0.1	1.00	0.0	1.00	0.9	0.00
0.2	1.00	0.2	0.10	9.9	0.00
0.3	0.20	0.3	0.00	10.0	0.70
0.5	0.00	0.5	0.00	19.9	0.70
3.3	0.00	99.9	0.00	20.0	0.80
99.9	0.00			29.9	0.80
				30.0	1.00
				39.9	1.00
				40.0	1.00
				49.9	1.00
				50.0	1.00
				59.9	1.00
				60.0	0.20
				69.9	0.20
				70.0	0.00
				99.9	0.00

Table 3. Coastal Tailed Frog (*Ascaphus truei*) All Instream Stages

Depth	HSI	Velocity	HSI	Substrate	HSI	Substrate	HSI
0.00	0.00	0.00	0.00	0.0	0.00	62.6	0.18
0.08	1.00	0.03	1.00	0.9	0.00	62.7	0.35
0.23	1.00	1.64	1.00	9.9	0.00	62.8	0.53
0.30	1.00	1.97	0.50	10.0	0.00	62.9	0.70
0.50	1.00	2.30	0.00	19.9	0.00	63.5	0.70
3.28	1.00	99.90	0.00	20.0	0.00	69.9	0.70
99.90	1.00			29.9	0.00	71.5	0.00
				30.0	0.00	71.6	0.25
				39.9	0.00	71.7	0.50
				40.0	0.00	71.8	0.75
				49.9	0.00	71.9	1.00
				50.4	0.00	72.5	0.00
				51.5	0.00	72.6	0.25
				51.6	0.08	72.7	0.50
				51.7	0.15	72.8	0.75
				51.8	0.23	72.9	1.00
				51.9	0.30	73.5	1.00
				52.5	0.00	79.9	1.00
				52.6	0.08	81.5	0.00
				52.7	0.15	81.6	0.18
				52.8	0.23	81.7	0.35
				52.9	0.30	81.8	0.53
				53.5	0.30	81.9	0.70
				59.9	0.30	82.5	0.00
				61.5	0.00	82.6	0.18
				61.6	0.18	82.7	0.35
				61.7	0.35	82.8	0.53
				61.8	0.53	82.9	0.70
				61.9	0.70	91.5	0.00
				62.5	0.00	99.9	0.00

**Table 4. Giant salamanders (*Dicamptodon*) Eggs**

Depth	HSI	Velocity	HSI	Substrate	HSI
0.00	0.00	0.00	1.00	0.0	0.00
0.20	0.00	99.90	1.00	61.5	0.00
0.30	0.10			61.6	0.1
0.50	1.00			61.7	0.1
3.20	1.00			61.8	0.3
99.90	1.00			61.9	0.4
				62.5	0.00
				62.6	0.1
				62.7	0.1
				62.8	0.3
				62.9	0.4
				63.5	0.4
				69.9	0.4
				71.5	0.0
				71.6	0.2
				71.7	0.4
				71.8	0.6
				71.9	0.8
				72.5	0.0
				72.6	0.2
				72.7	0.4
				72.8	0.6
				72.9	0.8
				73.5	0.8
				79.9	0.8
				81.5	0.0
				81.6	0.3
				81.7	0.5
				81.8	0.8
				81.9	1.0
				82.5	0.0
				82.6	0.3
				82.7	0.5
				82.8	0.8
				82.9	1.0
				91.5	0.0
				99.9	0.0



<b>Study Site 2, Transect 1 WUA</b>				
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All
5	1,248	26	160	152
6	1,263	23	168	153
7	1,275	20	176	154
8	1,286	16	183	155
9	1,295	14	188	155
10	1,304	12	193	154
11	1,318	11	196	153
12	1,332	9	198	152
13	1,345	8	201	152
14	1,359	7	203	151
15	1,373	6	206	150
16	1,425	8	206	175
17	1,477	10	207	200
18	1,529	12	208	226
19	1,581	14	209	251
20	1,633	16	210	276
21	1,646	16	212	277
22	1,658	16	213	278
23	1,671	16	215	279
24	1,684	16	217	280
25	1,696	16	219	280
26	1,717	16	221	275
27	1,738	16	223	269
28	1,759	15	225	263
29	1,780	15	227	257
30	1,800	15	229	251
31	1,847	16	231	250
32	1,893	16	233	249
33	1,940	17	235	249
34	1,987	17	237	248
35	2,033	18	240	247
36	2,059	26	243	258
37	2,084	34	247	269
38	2,110	42	251	280
39	2,136	50	255	291
40	2,161	59	259	302
41	2,173	66	264	312
42	2,185	73	269	323
43	2,197	80	274	333
44	2,209	87	279	344
45	2,221	94	284	354
46	2,228	94	289	354
47	2,234	95	294	353
48	2,241	96	300	352
49	2,248	97	305	352
50	2,254	98	310	351
51	2,255	96	315	350
52	2,255	95	320	350
53	2,256	94	325	349
54	2,256	93	330	349

<b>Study Site 2, Transect 1 WUA</b>				
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All
55	2,256	91	335	348
56	2,257	91	340	348
57	2,257	90	345	347
58	2,258	89	349	347
59	2,258	88	354	347
60	2,258	87	358	346
61	2,259	86	362	346
62	2,259	85	366	345
63	2,260	84	370	345
64	2,260	83	373	345
65	2,260	82	377	344
66	2,261	82	380	344
67	2,261	81	383	344
68	2,261	80	386	344
69	2,262	79	389	344
70	2,262	79	392	344
71	2,262	78	395	344
72	2,263	77	398	344
73	2,263	77	401	344
74	2,263	76	404	344
75	2,264	75	408	344
76	2,264	75	411	344
77	2,264	74	415	343
78	2,265	74	419	342
79	2,265	73	423	342
80	2,265	73	427	341
81	2,265	71	430	340
82	2,266	70	432	339
83	2,266	68	434	337
84	2,266	67	437	336
85	2,266	66	439	335
86	2,266	64	441	333
87	2,267	63	443	330
88	2,267	61	445	328
89	2,267	60	447	325
90	2,267	59	449	323
91	2,267	57	450	320
92	2,267	56	452	317
93	2,267	54	453	314
94	2,268	53	454	311
95	2,268	51	456	308
96	2,268	50	457	304
97	2,268	48	458	301
98	2,268	47	460	298
99	2,268	46	461	295
100	2,268	44	462	292
101	2,268	43	463	288
102	2,269	42	464	284
103	2,269	40	465	281
104	2,269	39	466	277
105	2,269	38	467	273

<b>Study Site 2, Transect 1 WUA</b>				
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All
106	2,269	37	467	269
107	2,269	35	468	265
108	2,269	34	469	260
109	2,269	33	469	256
110	2,269	32	470	252
111	2,269	30	471	247
112	2,269	29	471	242
113	2,269	28	472	237
114	2,269	27	473	233
115	2,269	26	473	228
116	2,269	24	474	224
117	2,269	23	475	220
118	2,269	22	475	216
119	2,269	21	476	212
120	2,269	19	477	208
121	2,269	19	478	207
122	2,270	19	480	206
123	2,270	19	482	205
124	2,270	19	484	204
125	2,270	19	486	204
126	2,270	19	488	203
127	2,271	18	489	202
128	2,271	18	491	202
129	2,271	18	492	201
130	2,271	18	493	200
131	2,272	18	495	199
132	2,272	18	496	199
133	2,272	17	498	198
134	2,272	17	499	197
135	2,273	17	501	197
136	2,273	17	502	196
137	2,273	17	503	195
138	2,273	17	505	194
139	2,274	17	506	194
140	2,274	16	508	193
141	2,274	16	509	192
142	2,274	16	511	192
143	2,275	16	512	191
144	2,275	16	513	190
145	2,275	16	515	189
146	2,275	16	516	189
147	2,276	15	518	188
148	2,276	15	519	187
149	2,276	15	521	187
150	2,276	15	522	186
151	2,277	15	522	186
152	2,277	15	523	185
153	2,277	15	523	185
154	2,277	14	523	185
155	2,278	14	524	185
156	2,278	14	524	184

<b>Study Site 2, Transect 1 WUA</b>				
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All
157	2,278	14	524	184
158	2,278	14	525	184
159	2,278	14	525	183
160	2,279	14	525	183
161	2,279	13	526	183
162	2,279	13	526	183
163	2,279	13	526	182
164	2,280	13	527	182
165	2,280	13	527	182
166	2,280	13	527	182
167	2,280	13	528	181
168	2,280	12	528	181
169	2,281	12	528	181
170	2,281	12	529	180
171	2,281	12	529	180
172	2,281	12	529	180
173	2,282	12	530	180
174	2,282	12	530	179
175	2,282	11	530	179
176	2,282	11	530	179
177	2,282	11	530	179
178	2,283	11	530	178
179	2,283	11	530	178
180	2,283	11	530	178
181	2,283	11	530	178
182	2,283	11	530	178
183	2,284	11	530	177
184	2,284	10	530	177
185	2,284	10	530	177
186	2,284	10	530	177
187	2,284	10	530	177
188	2,285	10	530	177
189	2,285	10	530	176
190	2,285	10	530	176
191	2,285	10	530	176
192	2,285	9	530	176
193	2,286	9	530	176
194	2,286	9	530	175
195	2,286	9	530	175
196	2,286	9	530	175
197	2,286	9	530	175
198	2,287	9	530	175
199	2,287	9	530	174
200	2,287	8	530	174
201	2,287	8	530	174
202	2,287	8	530	174
203	2,287	8	530	174
204	2,288	8	530	174
205	2,288	8	530	174
206	2,288	8	530	173
207	2,288	8	530	173

<b>Study Site 2, Transect 1 WUA</b>				
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All
208	2,288	8	530	173
209	2,289	8	530	173
210	2,289	8	530	173
211	2,289	8	530	173
212	2,289	8	530	173
213	2,289	8	530	173
214	2,289	7	530	172
215	2,290	7	530	172
216	2,290	7	530	172
217	2,290	7	530	172
218	2,290	7	530	172
219	2,290	7	530	172
220	2,290	7	530	172
221	2,291	7	530	172
222	2,291	7	530	171
223	2,291	7	530	171
224	2,291	7	530	171
225	2,291	7	530	171
226	2,292	7	530	171
227	2,292	7	530	171
228	2,292	7	530	171
229	2,292	7	530	171
230	2,292	7	530	171
231	2,292	7	530	171
232	2,293	6	530	171
233	2,293	6	530	170
234	2,293	6	530	170
235	2,293	6	530	170
236	2,293	6	530	170
237	2,293	6	530	170
238	2,293	6	530	170
239	2,294	6	530	170
240	2,294	6	530	170
241	2,294	6	530	170
242	2,294	6	530	170
243	2,294	6	530	170
244	2,294	6	530	170
245	2,295	6	530	170
246	2,295	6	530	170
247	2,295	6	530	169
248	2,295	6	530	169
249	2,295	6	530	169
250	2,295	6	530	169
251	2,296	6	530	169
252	2,296	6	530	169
253	2,296	6	530	169
254	2,296	6	530	169
255	2,296	6	530	169
256	2,296	6	530	169
257	2,296	6	530	169
258	2,297	6	530	169

<b>Study Site 2, Transect 1 WUA</b>				
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All
259	2,297	6	530	169
260	2,297	6	530	169
261	2,297	6	530	169
262	2,297	6	530	169
263	2,297	6	530	169
264	2,297	5	530	169
265	2,298	5	530	169
266	2,298	5	530	169
267	2,298	5	530	169
268	2,298	5	530	169
269	2,298	5	530	169
270	2,298	5	530	169
271	2,298	5	530	169
272	2,299	5	530	169
273	2,299	5	530	169
274	2,299	5	530	169
275	2,299	5	530	169
276	2,299	5	530	169
277	2,299	5	530	169
278	2,299	5	530	169
279	2,300	5	530	169
280	2,300	5	530	169
281	2,300	5	530	169
282	2,300	5	530	169
283	2,300	5	530	169
284	2,300	5	530	169
285	2,300	5	530	169
286	2,301	5	530	169
287	2,301	5	530	169
288	2,301	5	530	169
289	2,301	5	530	169
290	2,301	5	530	169
291	2,301	5	530	169
292	2,301	5	530	169
293	2,302	5	530	169
294	2,302	5	530	169
295	2,302	5	530	169
296	2,302	5	530	169
297	2,302	4	530	169
298	2,302	4	530	169
299	2,302	4	530	169
300	2,302	4	530	169
301	2,303	4	530	169
302	2,303	4	530	169
303	2,303	4	530	169
304	2,303	4	530	169
305	2,303	4	530	169
306	2,303	4	530	169
307	2,303	4	530	169
308	2,303	4	530	169
309	2,304	4	530	169

<b>Study Site 2, Transect 1 WUA</b>				
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All
310	2,304	4	530	169
311	2,304	4	530	169
312	2,304	4	530	169
313	2,304	4	530	169
314	2,304	4	530	169
315	2,304	4	530	169
316	2,304	4	530	169
317	2,305	4	530	169
318	2,305	4	530	169
319	2,305	4	530	169
320	2,305	4	530	169
321	2,305	4	530	169
322	2,305	4	530	169
323	2,305	4	530	169
324	2,306	4	530	169
325	2,306	4	530	169

<b>Study Site 2, Transects 2- 8 WUA</b>				
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All
5	8,138	389	924	1,440
6	8,303	447	939	1,432
7	8,418	510	960	1,406
8	8,548	566	981	1,396
9	8,665	601	1,001	1,393
10	8,746	620	1,023	1,399
11	8,827	615	1,039	1,409
12	8,908	611	1,054	1,418
13	8,989	607	1,069	1,428
14	9,069	603	1,085	1,438
15	9,150	598	1,100	1,448
16	9,215	586	1,111	1,449
17	9,280	573	1,121	1,450
18	9,345	560	1,132	1,451
19	9,409	548	1,143	1,452
20	9,474	535	1,154	1,454
21	9,528	522	1,161	1,456
22	9,582	510	1,168	1,459
23	9,636	497	1,175	1,462
24	9,690	484	1,182	1,465
25	9,744	471	1,189	1,468
26	9,791	466	1,197	1,466
27	9,838	462	1,204	1,464
28	9,886	457	1,212	1,463
29	9,933	452	1,219	1,461
30	9,981	447	1,227	1,459
31	10,019	447	1,234	1,456
32	10,056	447	1,241	1,453
33	10,094	446	1,248	1,450
34	10,132	446	1,255	1,446
35	10,170	446	1,262	1,443
36	10,199	445	1,269	1,443
37	10,229	445	1,275	1,443
38	10,258	445	1,282	1,443
39	10,287	444	1,289	1,443
40	10,317	444	1,296	1,443
41	10,349	444	1,299	1,444
42	10,382	444	1,303	1,446
43	10,414	445	1,307	1,448
44	10,447	445	1,311	1,450
45	10,479	445	1,314	1,451
46	10,509	445	1,318	1,452
47	10,539	446	1,322	1,453
48	10,569	446	1,325	1,453
49	10,598	447	1,329	1,454
50	10,628	447	1,333	1,455
51	10,658	447	1,336	1,455
52	10,688	448	1,340	1,455
53	10,718	448	1,344	1,455
54	10,748	449	1,347	1,455
55	10,778	449	1,351	1,454

<b>Study Site 2, Transects 2- 8 WUA</b>				
		Giant Salamander	Giant Salamander	Tailed Frog
56	10,805	451	1,354	1,453
57	10,831	453	1,357	1,452
58	10,858	455	1,359	1,450
59	10,884	457	1,362	1,449
60	10,910	458	1,365	1,447
61	10,931	449	1,382	1,440
62	10,951	439	1,399	1,432
63	10,972	430	1,416	1,425
64	10,992	420	1,433	1,418
65	11,013	411	1,450	1,410
66	11,042	400	1,468	1,406
67	11,071	389	1,487	1,402
68	11,101	378	1,505	1,397
69	11,130	367	1,523	1,393
70	11,159	355	1,541	1,389
71	11,195	344	1,560	1,384
72	11,231	333	1,578	1,380
73	11,267	322	1,597	1,375
74	11,302	311	1,616	1,371
75	11,338	299	1,635	1,366
76	11,361	288	1,653	1,365
77	11,385	277	1,672	1,364
78	11,408	265	1,690	1,363
79	11,431	254	1,709	1,362
80	11,454	242	1,727	1,361
81	11,475	230	1,749	1,354
82	11,495	219	1,771	1,348
83	11,516	207	1,793	1,341
84	11,536	195	1,814	1,335
85	11,556	184	1,836	1,328
86	11,575	172	1,858	1,319
87	11,594	160	1,880	1,310
88	11,613	148	1,902	1,301
89	11,632	136	1,924	1,292
90	11,650	124	1,947	1,283
91	11,669	111	1,969	1,273
92	11,688	99	1,991	1,262
93	11,707	87	2,013	1,252
94	11,726	75	2,036	1,241
95	11,745	63	2,058	1,230
96	11,764	51	2,081	1,219
97	11,782	38	2,103	1,207
98	11,801	26	2,126	1,196
99	11,820	14	2,149	1,185
100	11,839	2	2,171	1,173
101	11,876	2	2,183	1,166
102	11,912	2	2,194	1,158
103	11,948	2	2,206	1,150
104	11,985	2	2,217	1,143
105	12,021	1	2,228	1,135
106	12,061	1	2,246	1,125
107	12,101	1	2,264	1,115
108	12,141	1	2,282	1,105

<b>Study Site 2, Transects 2- 8 WUA</b>				
		Giant Salamander	Giant Salamander	Tailed Frog
109	12,180	1	2,299	1,095
110	12,220	1	2,317	1,085
111	12,259	1	2,331	1,076
112	12,297	1	2,344	1,067
113	12,335	1	2,357	1,058
114	12,374	1	2,371	1,048
115	12,412	1	2,384	1,039
116	12,447	1	2,391	1,025
117	12,483	1	2,398	1,010
118	12,518	1	2,405	995
119	12,554	1	2,412	980
120	12,589	0	2,418	966
121	12,614	0	2,423	955
122	12,639	0	2,427	944
123	12,663	0	2,431	934
124	12,688	0	2,435	923
125	12,713	0	2,439	912
126	12,718	0	2,440	911
127	12,723	0	2,441	909
128	12,728	0	2,442	908
129	12,733	0	2,443	906
130	12,738	0	2,444	904
131	12,743	0	2,445	903
132	12,748	0	2,446	901
133	12,754	0	2,447	900
134	12,759	0	2,448	898
135	12,764	0	2,449	897
136	12,769	0	2,450	895
137	12,774	0	2,451	894
138	12,779	0	2,452	892
139	12,784	0	2,453	891
140	12,790	0	2,455	889
141	12,795	0	2,456	888
142	12,800	0	2,457	886
143	12,805	0	2,458	885
144	12,810	0	2,459	883
145	12,815	0	2,460	882
146	12,820	0	2,461	880
147	12,825	0	2,462	879
148	12,831	0	2,463	877
149	12,836	0	2,464	876
150	12,841	0	2,465	874
151	12,845	0	2,467	872
152	12,850	0	2,469	870
153	12,854	0	2,471	867
154	12,858	0	2,473	865
155	12,863	0	2,475	863
156	12,867	0	2,477	860
157	12,871	0	2,479	858
158	12,876	0	2,482	856
159	12,880	0	2,484	853
160	12,885	0	2,486	851
161	12,889	0	2,488	849

<b>Study Site 2, Transects 2- 8 WUA</b>				
		Giant Salamander	Giant Salamander	Tailed Frog
162	12,893	0	2,490	846
163	12,898	0	2,492	844
164	12,902	0	2,494	842
165	12,906	0	2,496	840
166	12,911	0	2,498	837
167	12,915	0	2,500	835
168	12,920	0	2,502	833
169	12,924	0	2,504	830
170	12,928	0	2,507	828
171	12,933	0	2,509	826
172	12,937	0	2,511	823
173	12,942	0	2,513	821
174	12,946	0	2,515	819
175	12,950	0	2,517	816
176	12,954	0	2,520	814
177	12,958	0	2,522	812
178	12,961	0	2,525	810
179	12,965	0	2,528	808
180	12,969	0	2,531	805
181	12,973	0	2,534	803
182	12,976	0	2,536	801
183	12,980	0	2,539	799
184	12,984	0	2,542	797
185	12,988	0	2,545	795
186	12,991	0	2,547	792
187	12,995	0	2,550	790
188	12,999	0	2,553	788
189	13,003	0	2,556	786
190	13,006	0	2,558	784
191	13,010	0	2,561	781
192	13,014	0	2,564	779
193	13,017	0	2,567	777
194	13,021	0	2,570	775
195	13,025	0	2,572	773
196	13,029	0	2,575	771
197	13,032	0	2,578	768
198	13,036	0	2,581	766
199	13,040	0	2,583	764
200	13,044	0	2,586	762
201	13,051	0	2,589	759
202	13,058	0	2,591	756
203	13,066	0	2,594	753
204	13,073	0	2,597	751
205	13,080	0	2,599	748
206	13,088	0	2,602	745
207	13,095	0	2,605	742
208	13,103	0	2,607	739
209	13,110	0	2,610	736
210	13,117	0	2,613	734
211	13,125	0	2,615	731
212	13,132	0	2,618	728
213	13,139	0	2,621	725
214	13,147	0	2,623	722

<b>Study Site 2, Transects 2- 8 WUA</b>				
		Giant Salamander	Giant Salamander	Tailed Frog
215	13,154	0	2,626	720
216	13,162	0	2,629	717
217	13,169	0	2,632	714
218	13,176	0	2,634	711
219	13,184	0	2,637	708
220	13,191	0	2,640	705
221	13,198	0	2,642	703
222	13,206	0	2,645	700
223	13,213	0	2,648	697
224	13,220	0	2,650	694
225	13,228	0	2,653	691
226	13,219	34	2,600	687
227	13,210	68	2,548	682
228	13,200	102	2,495	678
229	13,191	136	2,443	673
230	13,182	171	2,390	668
231	13,173	205	2,338	664
232	13,164	239	2,285	659
233	13,155	273	2,233	655
234	13,145	307	2,181	650
235	13,136	341	2,128	646
236	13,127	375	2,076	641
237	13,118	409	2,023	636
238	13,109	443	1,971	632
239	13,100	477	1,918	627
240	13,091	511	1,866	623
241	13,081	545	1,813	618
242	13,072	579	1,761	613
243	13,063	613	1,708	609
244	13,054	647	1,656	604
245	13,045	681	1,603	600
246	13,036	715	1,551	595
247	13,027	749	1,498	591
248	13,017	783	1,446	586
249	13,008	817	1,393	581
250	12,999	851	1,341	577
251	13,002	863	1,330	576
252	13,005	874	1,320	575
253	13,007	885	1,309	574
254	13,010	896	1,298	573
255	13,013	908	1,288	571
256	13,015	919	1,277	570
257	13,018	930	1,266	569
258	13,021	942	1,256	568
259	13,024	953	1,245	567
260	13,026	964	1,234	566
261	13,029	975	1,224	565
262	13,032	987	1,213	564
263	13,035	998	1,203	563
264	13,037	1,009	1,192	562
265	13,040	1,021	1,181	561
266	13,043	1,032	1,171	560
267	13,045	1,043	1,160	559

<b>Study Site 2, Transects 2- 8 WUA</b>				
		Giant Salamander	Giant Salamander	Tailed Frog
268	13,048	1,055	1,149	558
269	13,051	1,066	1,139	557
270	13,054	1,077	1,128	555
271	13,056	1,088	1,117	554
272	13,059	1,100	1,107	553
273	13,062	1,111	1,096	552
274	13,065	1,122	1,086	551
275	13,067	1,134	1,075	550
276	13,070	1,131	1,075	548
277	13,073	1,128	1,074	547
278	13,075	1,125	1,074	545
279	13,078	1,123	1,074	543
280	13,080	1,120	1,074	542
281	13,083	1,117	1,073	540
282	13,086	1,114	1,073	538
283	13,088	1,112	1,073	537
284	13,091	1,109	1,073	535
285	13,094	1,106	1,072	533
286	13,096	1,103	1,072	532
287	13,099	1,101	1,072	530
288	13,101	1,098	1,072	528
289	13,104	1,095	1,071	527
290	13,107	1,092	1,071	525
291	13,109	1,090	1,071	524
292	13,112	1,087	1,071	522
293	13,115	1,084	1,070	520
294	13,117	1,081	1,070	519
295	13,120	1,079	1,070	517
296	13,123	1,076	1,070	515
297	13,125	1,073	1,069	514
298	13,128	1,070	1,069	512
299	13,130	1,068	1,069	510
300	13,133	1,065	1,069	509
301	13,140	1,062	1,068	508
302	13,146	1,060	1,068	507
303	13,153	1,057	1,068	506
304	13,159	1,054	1,068	506
305	13,166	1,051	1,068	505
306	13,172	1,049	1,068	504
307	13,179	1,046	1,067	504
308	13,185	1,043	1,067	503
309	13,192	1,041	1,067	502
310	13,198	1,038	1,067	501
311	13,205	1,035	1,067	501
312	13,212	1,033	1,067	500
313	13,218	1,030	1,066	499
314	13,225	1,027	1,066	499
315	13,231	1,025	1,066	498
316	13,238	1,022	1,066	497
317	13,244	1,019	1,066	496
318	13,251	1,017	1,066	496
319	13,257	1,014	1,065	495
320	13,264	1,011	1,065	494

<b>Study Site 2, Transects 2- 8 WUA</b>				
		Giant Salamander	Giant Salamander	Tailed Frog
321	13,270	1,009	1,065	494
322	13,277	1,006	1,065	493
323	13,283	1,003	1,065	492
324	13,290	1,001	1,065	491
325	13,297	998	1,065	491

<b>Study Site 3, Transects 1- 6 WUA</b>					
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All	Torrent Salamander All
2	2,899	137	1,067	1,246	166
3	3,141	124	1,282	1,340	114
4	3,316	102	1,427	1,392	69
5	3,408	85	1,514	1,427	58
6	3,497	73	1,558	1,450	57
7	3,559	61	1,601	1,462	56
8	3,628	49	1,645	1,475	55
9	3,685	37	1,690	1,488	55
10	3,741	25	1,736	1,499	54
11	3,788	23	1,767	1,502	55
12	3,835	20	1,797	1,506	55
13	3,882	18	1,828	1,509	56
14	3,929	15	1,859	1,512	57
15	3,975	13	1,890	1,515	58
16	4,027	16	1,899	1,519	62
17	4,079	19	1,908	1,523	66
18	4,131	23	1,917	1,527	71
19	4,183	26	1,926	1,531	75
20	4,235	29	1,935	1,535	79
21	4,325	36	1,943	1,538	133
22	4,415	42	1,950	1,541	187
23	4,505	48	1,958	1,545	241
24	4,595	55	1,965	1,548	295
25	4,685	61	1,973	1,552	348
26	4,757	61	1,983	1,535	372
27	4,829	60	1,993	1,518	396
28	4,902	60	2,003	1,501	420
29	4,974	60	2,013	1,484	445
30	5,047	60	2,022	1,467	469
31	5,130	60	2,032	1,425	552
32	5,214	60	2,042	1,382	635
33	5,297	61	2,052	1,340	718
34	5,381	61	2,061	1,298	801
35	5,464	61	2,071	1,256	885
36	5,519	61	2,082	1,229	927
37	5,575	61	2,093	1,202	969
38	5,630	61	2,104	1,176	1,011
39	5,686	61	2,116	1,149	1,053
40	5,742	61	2,127	1,122	1,095
41	5,784	60	2,140	1,110	1,119
42	5,827	59	2,154	1,098	1,143
43	5,870	58	2,167	1,086	1,167
44	5,913	57	2,181	1,073	1,191
45	5,956	57	2,194	1,061	1,215
46	5,991	55	2,206	1,050	1,208
47	6,026	53	2,218	1,039	1,201
48	6,061	51	2,230	1,028	1,193
49	6,095	49	2,241	1,017	1,186
50	6,130	47	2,253	1,005	1,179
51	6,158	46	2,264	998	1,207

Study Site 3, Transects 1- 6 WUA					
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All	Torrent Salamander All
52	6,187	46	2,274	990	1,235
53	6,215	45	2,285	982	1,263
54	6,244	44	2,295	974	1,291
55	6,272	44	2,306	966	1,319
56	6,296	43	2,311	961	1,324
57	6,319	43	2,315	955	1,330
58	6,343	42	2,320	949	1,335
59	6,366	41	2,324	943	1,340
60	6,390	41	2,329	938	1,345
61	6,377	40	2,319	929	1,342
62	6,364	38	2,309	920	1,338
63	6,351	37	2,299	911	1,335
64	6,338	36	2,289	902	1,332
65	6,324	35	2,279	893	1,329
66	6,311	34	2,269	885	1,234
67	6,298	33	2,259	877	1,140
68	6,284	32	2,249	869	1,045
69	6,271	31	2,238	861	951
70	6,258	30	2,228	853	856
71	6,243	29	2,218	846	770
72	6,228	29	2,207	839	684
73	6,214	28	2,196	833	597
74	6,199	27	2,185	826	511
75	6,185	26	2,175	819	424
76	6,175	25	2,164	813	413
77	6,165	24	2,154	807	401
78	6,155	23	2,143	802	389
79	6,145	22	2,133	796	377
80	6,135	22	2,123	790	366
81	6,120	21	2,112	785	359
82	6,106	20	2,102	781	352
83	6,092	19	2,091	777	345
84	6,078	18	2,081	772	338
85	6,063	18	2,071	768	332
86	6,296	17	2,135	780	344
87	6,529	16	2,200	792	356
88	6,762	16	2,265	805	368
89	6,995	15	2,330	817	380
90	7,227	14	2,395	829	392
91	7,251	14	2,395	829	390
92	7,274	13	2,396	829	387
93	7,298	12	2,397	828	384
94	7,321	11	2,397	828	381
95	7,344	10	2,398	827	378
96	7,364	10	2,400	824	359
97	7,384	9	2,403	820	340
98	7,405	8	2,405	817	321
99	7,425	8	2,408	813	302
100	7,445	7	2,410	810	283
101	7,458	7	2,414	807	285
102	7,472	7	2,418	804	287

<b>Study Site 3, Transects 1- 6 WUA</b>					
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All	Torrent Salamander All
103	7,486	7	2,421	801	290
104	7,499	7	2,425	799	292
105	7,513	7	2,429	796	294
106	7,525	6	2,434	793	304
107	7,536	6	2,440	791	314
108	7,548	6	2,445	788	324
109	7,559	6	2,450	785	333
110	7,571	6	2,456	783	343
111	7,578	6	2,463	780	346
112	7,586	6	2,469	777	349
113	7,594	6	2,476	773	352
114	7,602	6	2,483	770	355
115	7,609	6	2,490	767	358
116	7,616	6	2,497	763	355
117	7,622	6	2,503	760	353
118	7,629	6	2,510	756	350
119	7,635	6	2,516	752	347
120	7,642	5	2,522	748	344
121	7,648	5	2,527	744	342
122	7,654	5	2,532	739	339
123	7,660	5	2,536	735	337
124	7,666	5	2,541	731	334
125	7,673	5	2,545	726	331
126	7,682	5	2,549	721	353
127	7,691	5	2,553	715	375
128	7,701	5	2,557	709	397
129	7,710	5	2,561	704	419
130	7,719	5	2,565	698	441
131	7,734	5	2,565	696	424
132	7,748	5	2,565	695	406
133	7,763	5	2,566	693	389
134	7,778	5	2,566	691	372
135	7,792	5	2,566	689	355
136	7,807	5	2,567	688	338
137	7,822	5	2,567	686	320
138	7,836	4	2,568	684	303
139	7,851	4	2,568	682	286
140	7,866	4	2,568	681	269
141	7,880	4	2,569	679	252
142	7,895	4	2,569	677	235
143	7,910	4	2,570	675	217
144	7,924	4	2,570	673	200
145	7,939	4	2,570	672	183
146	7,954	4	2,571	670	166
147	7,968	4	2,571	668	149
148	7,983	4	2,571	666	131
149	7,998	4	2,572	665	114
150	8,012	4	2,572	663	97
151	8,030	4	2,572	662	95
152	8,047	4	2,572	661	92
153	8,064	4	2,573	660	90

<b>Study Site 3, Transects 1- 6 WUA</b>					
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All	Torrent Salamander All
154	8,082	4	2,573	659	87
155	8,099	4	2,573	657	85
156	8,116	4	2,573	656	82
157	8,134	4	2,573	655	80
158	8,151	4	2,573	654	78
159	8,169	4	2,573	653	75
160	8,186	4	2,573	652	73
161	8,203	4	2,574	651	70
162	8,221	4	2,574	650	68
163	8,238	4	2,574	649	65
164	8,256	4	2,574	648	63
165	8,273	4	2,574	647	61
166	8,290	4	2,574	646	58
167	8,308	4	2,574	645	56
168	8,325	4	2,574	643	53
169	8,342	4	2,575	642	51
170	8,360	4	2,575	641	49
171	8,377	4	2,575	640	46
172	8,395	4	2,575	639	44
173	8,412	4	2,575	638	41
174	8,429	4	2,575	637	39
175	8,447	4	2,575	636	36
176	8,460	4	2,576	635	35
177	8,473	4	2,576	635	34
178	8,487	4	2,576	635	33
179	8,500	4	2,576	634	31
180	8,513	3	2,577	634	30
181	8,526	3	2,577	633	29
182	8,540	3	2,577	633	28
183	8,553	3	2,578	632	26
184	8,566	3	2,578	632	25
185	8,579	3	2,578	632	24
186	8,593	3	2,579	631	23
187	8,606	3	2,579	631	21
188	8,619	3	2,579	630	20
189	8,632	3	2,580	630	19
190	8,646	3	2,580	629	17
191	8,659	3	2,580	629	16
192	8,672	3	2,580	628	15
193	8,685	3	2,581	628	14
194	8,699	3	2,581	628	12
195	8,712	3	2,581	627	11
196	8,725	3	2,582	627	10
197	8,738	3	2,582	626	9
198	8,752	3	2,582	626	7
199	8,765	3	2,583	625	6
200	8,778	3	2,583	625	5
201	8,790	3	2,584	624	13
202	8,802	3	2,584	622	22
203	8,815	3	2,585	621	31
204	8,827	3	2,586	620	39

<b>Study Site 3, Transects 1- 6 WUA</b>					
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All	Torrent Salamander All
205	8,839	3	2,587	618	48
206	8,851	3	2,588	617	56
207	8,864	3	2,588	616	65
208	8,876	3	2,589	615	73
209	8,888	3	2,590	613	82
210	8,900	3	2,591	612	91
211	8,912	3	2,592	611	99
212	8,925	3	2,592	609	108
213	8,937	3	2,593	608	116
214	8,949	3	2,594	607	125
215	8,961	3	2,595	605	133
216	8,974	3	2,595	604	142
217	8,986	3	2,596	603	150
218	8,998	3	2,597	601	159
219	9,010	3	2,598	600	168
220	9,022	3	2,599	599	176
221	9,035	3	2,599	598	185
222	9,047	3	2,600	596	193
223	9,059	3	2,601	595	202
224	9,071	3	2,602	594	210
225	9,084	3	2,603	592	219
226	9,095	3	2,603	591	228
227	9,106	3	2,603	589	238
228	9,118	3	2,603	588	247
229	9,129	3	2,603	586	256
230	9,141	3	2,603	585	265
231	9,152	3	2,603	583	274
232	9,163	3	2,603	582	284
233	9,175	3	2,603	580	293
234	9,186	3	2,603	579	302
235	9,197	3	2,603	577	311
236	9,209	3	2,603	576	321
237	9,220	2	2,603	574	330
238	9,232	2	2,603	572	339
239	9,243	2	2,603	571	348
240	9,254	2	2,603	569	357
241	9,266	2	2,603	568	367
242	9,277	2	2,603	566	376
243	9,289	2	2,603	565	385
244	9,300	2	2,603	563	394
245	9,311	2	2,603	562	404
246	9,323	2	2,603	560	413
247	9,334	2	2,603	559	422
248	9,345	2	2,603	557	431
249	9,357	2	2,603	556	440
250	9,368	2	2,603	554	450
251	9,378	2	2,603	553	456
252	9,388	2	2,603	551	462
253	9,398	2	2,603	549	468
254	9,408	2	2,603	548	474
255	9,418	2	2,603	546	480

<b>Study Site 3, Transects 1- 6 WUA</b>					
Flow	Total	Giant Salamander Larvae	Giant Salamander Eggs	Tailed Frog All	Torrent Salamander All
256	9,429	2	2,603	544	485
257	9,439	2	2,603	543	491
258	9,449	2	2,603	541	497
259	9,459	2	2,603	539	503
260	9,469	2	2,603	538	509
261	9,479	2	2,603	536	515
262	9,489	2	2,603	535	521
263	9,499	2	2,603	533	527
264	9,509	2	2,603	531	533
265	9,519	2	2,603	530	539
266	9,529	2	2,603	528	545
267	9,539	2	2,603	526	551
268	9,549	2	2,603	525	557
269	9,559	2	2,603	523	563
270	9,569	2	2,603	521	569
271	9,579	2	2,603	520	575
272	9,589	2	2,603	518	581
273	9,599	2	2,603	517	587
274	9,609	2	2,603	515	593
275	9,619	2	2,603	513	599
276	9,626	2	2,603	512	575
277	9,632	2	2,603	510	552
278	9,638	2	2,603	509	529
279	9,645	2	2,603	508	505
280	9,651	2	2,603	506	482
281	9,658	2	2,603	505	458
282	9,664	2	2,603	503	435
283	9,670	2	2,603	502	411
284	9,677	2	2,603	500	388
285	9,683	2	2,603	499	365
286	9,689	2	2,603	498	341
287	9,696	2	2,603	496	318
288	9,702	2	2,603	495	294
289	9,708	2	2,603	493	271
290	9,715	2	2,603	492	247
291	9,721	2	2,603	491	224
292	9,727	2	2,603	489	201
293	9,734	2	2,603	488	177
294	9,740	2	2,603	486	154
295	9,747	2	2,603	485	130
296	9,753	2	2,603	483	107
297	9,759	2	2,603	482	83
298	9,766	2	2,603	481	60
299	9,772	2	2,603	479	37
300	9,778	2	2,603	478	13

<b>Study Site 4, Transects 1-11 WUA</b>				
Flow	Total	Giant Salamander Larvae	Eggs	Tailed Frog Eggs and Larvae
2	1,172	87	377	442
3	1,278	83	419	498
4	1,379	81	451	538
5	1,428	81	475	570
6	1,486	82	492	590
7	1,535	84	510	612
8	1,585	85	528	632
9	1,634	86	546	650
10	1,682	88	565	668
11	1,717	87	581	674
12	1,752	86	597	680
13	1,787	85	613	686
14	1,822	84	630	692
15	1,857	83	646	698
16	1,884	83	656	699
17	1,912	83	667	700
18	1,939	82	677	701
19	1,966	82	688	702
20	1,993	82	699	703
21	2,010	82	706	698
22	2,026	82	713	694
23	2,042	82	720	689
24	2,059	81	727	684
25	2,075	81	734	679
26	2,091	82	741	676
27	2,107	83	748	672
28	2,122	83	755	668
29	2,138	84	761	664
30	2,154	84	768	660
31	2,172	86	773	661
32	2,190	87	778	662
33	2,208	89	783	664
34	2,226	90	788	665
35	2,244	91	793	666
36	2,265	92	797	666
37	2,286	92	800	666
38	2,307	93	804	667
39	2,327	93	807	667
40	2,348	93	811	667
41	2,365	94	814	667
42	2,381	94	816	667
43	2,398	94	819	667
44	2,414	94	822	666
45	2,430	95	825	666
46	2,440	94	827	665
47	2,450	94	830	664
48	2,460	94	833	663
49	2,470	94	835	662
50	2,480	93	838	662
51	2,488	93	841	661

<b>Study Site 4, Transects 1-11 WUA</b>				
Flow	Total	Giant Salamander Larvae	Eggs	Tailed Frog Eggs and Larvae
52	2,497	92	844	660
53	2,505	91	847	659
54	2,514	91	850	658
55	2,522	90	853	658
56	2,531	89	857	657
57	2,540	88	860	657
58	2,549	87	864	656
59	2,557	86	868	656
60	2,566	86	871	656
61	2,576	84	875	656
62	2,586	83	878	656
63	2,595	82	881	656
64	2,605	81	885	656
65	2,615	79	888	656
66	2,623	78	891	656
67	2,631	77	894	657
68	2,639	75	898	657
69	2,647	74	901	657
70	2,655	73	904	657
71	2,662	71	907	656
72	2,668	70	910	655
73	2,675	68	914	654
74	2,682	67	917	653
75	2,689	65	920	652
76	2,695	64	924	651
77	2,700	62	927	651
78	2,706	61	931	651
79	2,712	59	934	650
80	2,718	57	938	650
81	2,722	56	941	651
82	2,727	54	944	652
83	2,732	53	947	653
84	2,737	51	950	654
85	2,741	50	953	656
86	2,746	48	955	655
87	2,751	46	958	655
88	2,756	44	960	655
89	2,761	42	963	655
90	2,766	41	966	655
91	2,770	39	967	654
92	2,774	38	969	654
93	2,778	37	970	653
94	2,782	36	972	653
95	2,786	35	973	652
96	2,789	34	975	652
97	2,793	33	976	651
98	2,797	31	978	651
99	2,801	30	980	650
100	2,805	29	981	650
101	2,811	29	983	650
102	2,816	28	985	651

<b>Study Site 4, Transects 1-11 WUA</b>				
Flow	Total	Giant Salamander Larvae	Eggs	Tailed Frog Eggs and Larvae
103	2,822	28	987	652
104	2,827	27	989	652
105	2,832	27	991	653
106	2,838	26	993	653
107	2,843	26	995	653
108	2,848	26	997	653
109	2,854	25	999	653
110	2,859	25	1,001	653
111	2,864	24	1,002	653
112	2,870	24	1,004	653
113	2,876	23	1,005	653
114	2,881	23	1,007	653
115	2,887	22	1,009	653
116	2,887	22	1,009	652
117	2,887	22	1,009	650
118	2,887	21	1,009	649
119	2,887	21	1,009	647
120	2,887	21	1,009	646
121	2,898	20	1,012	646
122	2,909	20	1,016	647
123	2,920	20	1,019	647
124	2,931	20	1,022	648
125	2,942	20	1,026	648
126	2,945	19	1,027	647
127	2,949	19	1,029	646
128	2,952	19	1,031	645
129	2,956	19	1,033	644
130	2,959	19	1,034	644
131	2,962	19	1,036	643
132	2,966	19	1,038	642
133	2,969	19	1,040	641
134	2,973	19	1,041	640
135	2,976	19	1,043	639
136	2,980	19	1,045	638
137	2,983	18	1,047	637
138	2,987	18	1,049	636
139	2,990	18	1,050	636
140	2,994	18	1,052	635
141	2,997	18	1,054	634
142	3,000	18	1,056	633
143	3,004	18	1,057	632
144	3,007	18	1,059	631
145	3,011	18	1,061	630
146	3,014	18	1,063	629
147	3,018	17	1,064	629
148	3,021	17	1,066	628
149	3,025	17	1,068	627
150	3,028	17	1,070	626
151	3,031	17	1,071	624
152	3,033	17	1,071	623
153	3,036	17	1,072	622

<b>Study Site 4, Transects 1-11 WUA</b>				
Flow	Total	Giant Salamander Larvae	Eggs	Tailed Frog Eggs and Larvae
154	3,038	17	1,073	620
155	3,041	17	1,074	619
156	3,044	17	1,075	617
157	3,046	17	1,076	616
158	3,049	17	1,076	615
159	3,051	16	1,077	613
160	3,054	16	1,078	612
161	3,056	16	1,079	610
162	3,059	16	1,080	609
163	3,062	16	1,080	608
164	3,064	16	1,081	606
165	3,067	16	1,082	605
166	3,069	16	1,083	603
167	3,072	16	1,084	602
168	3,074	16	1,085	601
169	3,077	16	1,085	599
170	3,080	16	1,086	598
171	3,082	16	1,087	596
172	3,085	15	1,088	595
173	3,087	15	1,089	594
174	3,090	15	1,090	592
175	3,092	15	1,090	591
176	3,094	15	1,091	590
177	3,096	15	1,092	589
178	3,098	15	1,093	588
179	3,100	15	1,093	587
180	3,102	15	1,094	586
181	3,104	15	1,095	585
182	3,106	15	1,096	584
183	3,108	15	1,096	584
184	3,110	15	1,097	583
185	3,112	15	1,098	582
186	3,113	15	1,098	581
187	3,115	14	1,099	580
188	3,117	14	1,100	579
189	3,119	14	1,101	578
190	3,121	14	1,101	577
191	3,123	14	1,102	576
192	3,125	14	1,103	575
193	3,127	14	1,104	574
194	3,129	14	1,104	573
195	3,131	14	1,105	573
196	3,133	14	1,106	572
197	3,135	14	1,107	571
198	3,137	14	1,107	570
199	3,138	14	1,108	569
200	3,140	14	1,109	568
201	3,142	14	1,110	568
202	3,144	14	1,111	567
203	3,145	14	1,111	567
204	3,147	13	1,112	567

<b>Study Site 4, Transects 1-11 WUA</b>				
Flow	Total	Giant Salamander Larvae	Eggs	Tailed Frog Eggs and Larvae
205	3,149	13	1,113	566
206	3,150	13	1,114	566
207	3,152	13	1,115	565
208	3,154	13	1,116	565
209	3,155	13	1,117	565
210	3,157	13	1,118	564
211	3,159	13	1,119	564
212	3,160	13	1,119	564
213	3,162	13	1,120	563
214	3,164	13	1,121	563
215	3,165	13	1,122	562
216	3,167	13	1,123	562
217	3,169	13	1,124	562
218	3,170	13	1,125	561
219	3,172	13	1,126	561
220	3,174	13	1,127	561
221	3,175	13	1,128	560
222	3,177	13	1,128	560
223	3,179	13	1,129	559
224	3,180	13	1,130	559
225	3,182	12	1,131	559
226	3,183	13	1,132	560
227	3,184	13	1,133	560
228	3,185	13	1,133	561
229	3,186	13	1,134	562
230	3,187	13	1,135	563
231	3,188	13	1,136	564
232	3,189	13	1,136	565
233	3,190	13	1,137	565
234	3,191	13	1,138	566
235	3,192	13	1,138	567
236	3,193	13	1,139	568
237	3,194	13	1,140	569
238	3,195	13	1,141	570
239	3,196	13	1,141	571
240	3,197	13	1,142	571
241	3,198	13	1,143	572
242	3,199	13	1,144	573
243	3,200	13	1,144	574
244	3,201	13	1,145	575
245	3,202	13	1,146	576
246	3,203	13	1,146	577
247	3,204	13	1,147	577
248	3,205	13	1,148	578
249	3,206	14	1,149	579
250	3,207	14	1,149	580
251	3,208	13	1,150	579
252	3,209	13	1,150	579
253	3,210	13	1,151	578
254	3,211	13	1,151	577
255	3,212	13	1,151	577

<b>Study Site 4, Transects 1-11 WUA</b>				
Flow	Total	Giant Salamander Larvae	Eggs	Tailed Frog Eggs and Larvae
256	3,213	13	1,152	576
257	3,214	13	1,152	576
258	3,214	13	1,153	575
259	3,215	13	1,153	574
260	3,216	13	1,154	574
261	3,217	12	1,154	573
262	3,218	12	1,154	573
263	3,219	12	1,155	572
264	3,220	12	1,155	571
265	3,221	12	1,156	571
266	3,222	12	1,156	570
267	3,223	12	1,157	570
268	3,224	12	1,157	569
269	3,224	12	1,157	568
270	3,225	12	1,158	568
271	3,226	11	1,158	567
272	3,227	11	1,159	567
273	3,228	11	1,159	566
274	3,229	11	1,160	565
275	3,230	11	1,160	565
276	3,231	11	1,160	564
277	3,232	11	1,161	563
278	3,233	11	1,161	562
279	3,233	11	1,162	561
280	3,234	11	1,162	561
281	3,235	11	1,162	560
282	3,236	11	1,163	559
283	3,237	11	1,163	558
284	3,238	11	1,164	557
285	3,239	11	1,164	557
286	3,240	10	1,165	556
287	3,240	10	1,165	555
288	3,241	10	1,165	554
289	3,242	10	1,166	553
290	3,243	10	1,166	552
291	3,244	10	1,167	552
292	3,245	10	1,167	551
293	3,246	10	1,167	550
294	3,246	10	1,168	549
295	3,247	10	1,168	548
296	3,248	10	1,169	548
297	3,249	10	1,169	547
298	3,250	10	1,169	546
299	3,251	10	1,170	545
300	3,252	10	1,170	544