Appendix F *Riparian*

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Introduction

This appendix contains a summary of the analysis of the indicators of riparian function: large woody debris recruitment potential, leaf and needle litter recruitment potential, riparian shade, riparian microclimate, windthrow, and peak flow for the Olympic Experimental State Forest (OESF) Forest Land Plan Draft Environmental Impact Statement.

594 Type 3 watersheds contain DNR-managed lands within the OESF. The riparian indicators were analyzed for all 594 watersheds, but only those with at least 20 percent DNR-managed lands (426 total) were considered to have the potential to affect watershed processes as a result of DNR land management practices. These 426 Type 3 watersheds account for 91 percent of DNR-managed lands in the OESF.

Tables F-1 and F-2 list the Type 3 watersheds projected to experience probable, significant, adverse, environmental impacts for the No Action and Landscape alternatives, respectively.

Two additional tables are provided, with indices to the data for the 594 Type 3 watersheds containing DNR-managed lands in the OESF. The first (Table F-3) is sorted by Type 3 watershed ID; the second (Table F-4) by watershed administrative unit.

Maps F-1 through F-33 show the Type 3 watersheds in each watershed administrative unit. DNR-managed lands are shown and each Type 3 watershed is labeled with a unique identifier.

An eight-page report follows for each of the 594 Type 3 watersheds that contain DNR-managed lands (4,752 pages total). Each report lists the Type 3 watershed by its unique identifier and watershed administrative unit. Metadata is included of the size of the watershed, the extent of DNR-managed lands, the total stream miles by DNR state lands water type, for all ownerships and DNR-managed streams. Channel sensitivity ratings are provided for each of the four geomorphic inputs (coarse sediment, fine sediment, large woody debris, and peak flow). For each alternative and decade of the model simulation, tabular and graphic summaries are provided for the value of each riparian indicator, the potential impact (normalized as a percent of the theoretical maximum), and the extent of variable density thinning and variable retention harvest within the area analyzed for each riparian indicator.

Table F-1. No Action Alternative: Type 3 Watersheds with Probable, Significant, Adverse, Environmental Impacts*

Type 3 Watershed ID	Watershed Administrative Unit	No Action Alternative Net Potential Impact (percent of theoretical maximum, across all time periods								Page #
		# of indicators evaluated	Large Woody Debris	Leaf and Needle Litter	Shade	Micro-climate	Wind-throw	Peak Flow	Cumulative (average of all indicators)	
452	Sol Duc Lowlands	1						50.6	50.6	3584
236	Ozette Lake	1						41.6	41.6	3024
444	West Fork Dickey	1						29.1	29.1	4792
456	Lower Dickey	2				0.0		48.1	24.0	1840
715	Cedar	6	55.6	0.0	43.7	15.4	2.3	22.9	23.3	280
493	Bogachiel	1						23.0	23.0	104
547	Goodman-Mosquito	1						20.9	20.9	840
492	Sol Duc Lowlands	1						20.3	20.3	3624
858	Clallam River	1						19.9	19.9	552
341	Ozette Lake	6	23.7	10.6	22.0	20.7	12.6	22.9	18.8	3112
130	Clallam River	1						18.5	18.5	376
179	Twin Rivers-Deep Creek	1						17.5	17.5	3872
97	Clallam River	1						15.1	15.1	352
847	Lower Queets River	6	77.8	0.0	0.4	0.0	0.0	0.1	13.0	2224
402	East Fork Dickey	6	0.0	0.0	26.5	17.3	3.1	29.1	12.7	696
525	Quillayute River	6	0.0	0.0	38.2	0.0	2.1	35.3	12.6	3360
629	Middle Hoh	6	0.0	0.0	44.4	0.0	0.0	27.6	12.0	2672
541	Goodman-Mosquito	6	0.0	0.0	26.4	15.7	1.2	27.4	11.8	808
132	Sekiu	6	0.0	0.0	25.1	17.2	3.9	17.2	10.6	3488

Table F-2. Landscape Alternative: Type 3 Watersheds with Probable, Significant, Adverse, Environmental Impacts*

Type 3 Watershed ID	Watershed Administrative Unit	Landscape Alternative Net Potential Impact (percent of theoretical maximum, across all time periods								Page #
		# of indicators evaluated	Large Woody Debris	Leaf and Needle Litter	Shade	Micro-climate	Wind-throw	Peak Flow	Cumulative (average of all indicators)	
477	Lower Calawah	6	22.2	50.0	22.2	24.2	13.6	10.9	23.8	1368
467	South Fork Calawah	6	24.1	42.1	22.2	25.7	13.1	6.0	22.2	3512
715	Cedar	6	68.7	0.0	26.7	7.3	5.8	7.1	19.3	280
363	Upper Sol Duc	2				22.2		8.8	15.5	4568
88	Hoko	6	15.8	36.5	14.6	17.4	0.0	4.8	14.8	1032
847	Lower Queets River	6	44.4	0.0	10.0	17.4	6.4	6.5	14.1	2224
470	South Fork Calawah	6	21.9	19.8	20.0	5.0	10.8	6.7	14.0	3520
492	Sol Duc Lowlands	1						12.9	12.9	3624
683	Cedar	2				22.2		3.3	12.8	264
145	Hoko	6	14.5	9.9	12.6	20.8	12.2	4.2	12.4	1088
629	Middle Hoh	6	0.0	0.0	44.4	2.3	0.0	25.5	12.1	2672
459	Lower Dickey	6	0.0	0.0	47.6	11.0	1.7	7.7	11.3	1848
763	Lower Clearwater	6	7.3	5.5	30.0	14.0	3.5	1.9	10.4	1528
452	Sol Duc Lowlands	1						10.1	10.1	3584

*Only Type 3 watersheds in which DNR manages at least 20 percent of the land base are shown. For this analysis, probable, significant, adverse environmental impacts are defined as a cumulative (averaged across all evaluated indicators) net potential impact greater than 10 percent of the theoretical maximum. Some indicators were not evaluated in some Type 3 watersheds. Some Type 3 watersheds did not contain Type 1-4 waters on DNR-managed lands, or the Type 3 watershed was only partially contained within the OESF and did not contain the riparian analysis area for the indicator in question on DNR-managed lands (e.g., within 100 feet of Type 1-4 waters for large woody debris, within 75 feet of Type 1-4 waters for riparian shade). Indicators that were not evaluated were treated as nulls, and were excluded from the calculation of the cumulative impact.

Table F-3. Index of Type 3 Watersheds, by Type 3 Watershed ID

Type 3 Watershed ID	Watershed Administrative Unit	Page
12	SF CALAWAH	3496
16	SF CALAWAH	3504
27	SALMON RIVER	3376
30	UPPER BOGACHIEL	3920
31	UPPER BOGACHIEL	3928
34	UPPER HOH RIVER	4536
45	TSHLETSHY RIDGE	3864
50	MT QUEETS	2848
52	RAIN FOREST	3368
65	SEKIU	3408
69	SEKIU	3416
73	SEKIU	3424
74	SOOES	3832
77	SOOES	3840
84	SEKIU	3432
85	HOKO	1016
86	HOKO	1024
88	HOKO	1032
89	HOKO	1040
95	CLALLAM RIVER	336
96	CLALLAM RIVER	344
97	CLALLAM RIVER	352
98	CLALLAM RIVER	360
102	SEKIU	3440
104	SEKIU	3448
105	SEKIU	3456
107	OZETTE LAKE	2920
110	SEKIU	3464
114	SEKIU	3472
116	HOKO	1048
117	HOKO	1056
119	CLALLAM RIVER	368
122	SEKIU	3480
124	PYSHT RIVER	3184
126	PYSHT RIVER	3192
130	CLALLAM RIVER	376
131	SOOES	3848
132	SEKIU	3488
133	HOKO	1064
134	CLALLAM RIVER	384
135	SOOES	3856
136	HOKO	1072
137	HOKO	1080
138	CLALLAM RIVER	392
139	CLALLAM RIVER	400
145	HOKO	1088
146	CLALLAM RIVER	408
148	HOKO	1096
150	CLALLAM RIVER	416
151	HOKO	1104

Type 3 Watershed ID	Watershed Administrative Unit	Page
152	HOKO	1112
153	HOKO	1120
155	PYSHT RIVER	3200
157	CLALLAM RIVER	424
158	CLALLAM RIVER	432
160	CLALLAM RIVER	440
161	CLALLAM RIVER	448
163	OZETTE LAKE	2928
164	HOKO	1128
165	HOKO	1136
166	CLALLAM RIVER	456
167	CLALLAM RIVER	464
168	CLALLAM RIVER	472
169	CLALLAM RIVER	480
170	CLALLAM RIVER	488
171	CLALLAM RIVER	496
172	HOKO	1144
174	OZETTE LAKE	2936
179	TWIN RIVERS-DEEP CREEK	3872
180	TWIN RIVERS-DEEP CREEK	3880
183	TWIN RIVERS-DEEP CREEK	3888
184	PYSHT RIVER	3208
186	CLALLAM RIVER	504
187	OZETTE LAKE	2944
188	CLALLAM RIVER	512
192	OZETTE LAKE	2952
193	OZETTE LAKE	2960
194	OZETTE LAKE	2968
195	OZETTE LAKE	2976
196	CLALLAM RIVER	520
197	HOKO	1152
200	CLALLAM RIVER	528
203	HOKO	1160
205	HOKO	1168
207	PYSHT RIVER	3216
212	OZETTE LAKE	2984
213	CLALLAM RIVER	536
216	OZETTE LAKE	2992
220	CLALLAM RIVER	544
222	HOKO	1176
224	PYSHT RIVER	3224
227	OZETTE LAKE	3000
229	HOKO	1184
230	PYSHT RIVER	3232
232	OZETTE LAKE	3008
233	WF DICKEY	4584
234	OZETTE LAKE	3016
236	OZETTE LAKE	3024
238	PYSHT RIVER	3240
241	HOKO	1192

Table F-3, continued. Index of Type 3 Watersheds, by Type 3 Watershed ID

Type 3 Watershed ID	Watershed Administrative Unit	Page
242	WF DICKEY	4592
243	PYSHT RIVER	3248
245	OZETTE LAKE	3032
249	HOKO	1200
250	WF DICKEY	4600
251	WF DICKEY	4608
252	OZETTE LAKE	3040
255	HOKO	1208
256	HOKO	1216
258	TWIN RIVERS-DEEP CREEK	3896
259	OZETTE LAKE	3048
260	WF DICKEY	4616
262	TWIN RIVERS-DEEP CREEK	3904
267	HOKO	1224
268	WF DICKEY	4624
269	WF DICKEY	4632
270	OZETTE LAKE	3056
271	PYSHT RIVER	3256
273	PYSHT RIVER	3264
274	SOL DUC VALLEY	3632
275	WF DICKEY	4640
276	HOKO	1232
277	PYSHT RIVER	3272
278	SOL DUC VALLEY	3640
286	WF DICKEY	4648
287	HOKO	1240
289	SOL DUC VALLEY	3648
290	WF DICKEY	4656
291	WF DICKEY	4664
292	WF DICKEY	4672
293	WF DICKEY	4680
294	WF DICKEY	4688
295	WF DICKEY	4696
296	WF DICKEY	4704
297	TWIN RIVERS-DEEP CREEK	3912
301	SOL DUC VALLEY	3656
302	EF DICKEY	560
303	SOL DUC VALLEY	3664
308	SOL DUC VALLEY	3672
309	SOL DUC VALLEY	3680
310	SOL DUC VALLEY	3688
311	SOL DUC VALLEY	3696
313	SOL DUC VALLEY	3704
314	WF DICKEY	4712
315	WF DICKEY	4720
316	OZETTE LAKE	3064
317	EF DICKEY	568
319	OZETTE LAKE	3072
320	OZETTE LAKE	3080
321	EF DICKEY	576

Type 3 Watershed ID	Watershed Administrative Unit	Page
322	EF DICKEY	584
323	SOL DUC VALLEY	3712
324	SOL DUC VALLEY	3720
325	OZETTE LAKE	3088
326	SOL DUC VALLEY	3728
327	SOL DUC VALLEY	3736
328	SOL DUC VALLEY	3744
329	OZETTE LAKE	3096
333	EF DICKEY	592
334	EF DICKEY	600
335	SOL DUC VALLEY	3752
336	WF DICKEY	4728
338	EF DICKEY	608
339	OZETTE LAKE	3104
341	OZETTE LAKE	3112
343	SOL DUC VALLEY	3760
344	OZETTE LAKE	3120
345	UPPER SOL DUC	4544
346	UPPER SOL DUC	4552
347	EF DICKEY	616
348	EF DICKEY	624
349	EF DICKEY	632
350	OZETTE LAKE	3128
352	WF DICKEY	4736
353	EF DICKEY	640
354	OZETTE LAKE	3136
356	SOL DUC VALLEY	3768
357	SOL DUC VALLEY	3776
358	WF DICKEY	4744
360	SOL DUC VALLEY	3784
361	SOL DUC VALLEY	3792
362	UPPER SOL DUC	4560
363	UPPER SOL DUC	4568
365	WF DICKEY	4752
370	EF DICKEY	648
371	EF DICKEY	656
372	OZETTE LAKE	3144
374	SOL DUC VALLEY	3800
377	OZETTE LAKE	3152
378	UPPER SOL DUC	4576
379	EF DICKEY	664
380	EF DICKEY	672
381	OZETTE LAKE	3160
382	SOL DUC VALLEY	3808
383	SOL DUC VALLEY	3816
385	EF DICKEY	680
387	EF DICKEY	688
388	LOWER DICKEY	1712
389	SOL DUC VALLEY	3824
390	SOL DUC LOWLANDS	3528

Table F-3, continued. Index of Type 3 Watersheds, by Type 3 Watershed ID

Type 3 Watershed ID	Watershed Administrative Unit	Page
391	OZETTE LAKE	3168
393	NF CALAWAH	2856
395	NF CALAWAH	2864
396	NF CALAWAH	2872
397	NF CALAWAH	2880
399	OZETTE LAKE	3176
401	SOL DUC LOWLANDS	3536
402	EF DICKEY	696
403	WF DICKEY	4760
405	SOL DUC LOWLANDS	3544
408	SOL DUC LOWLANDS	3552
411	LOWER DICKEY	1720
413	LOWER DICKEY	1728
414	EF DICKEY	704
416	WF DICKEY	4768
417	EF DICKEY	712
418	SOL DUC LOWLANDS	3560
419	SOL DUC LOWLANDS	3568
421	NF CALAWAH	2888
422	WF DICKEY	4776
424	NF CALAWAH	2896
430	LOWER DICKEY	1736
431	NF CALAWAH	2904
433	EF DICKEY	720
434	WF DICKEY	4784
435	NF CALAWAH	2912
436	EF DICKEY	728
439	LOWER DICKEY	1744
440	LOWER DICKEY	1752
441	LOWER DICKEY	1760
442	SOL DUC LOWLANDS	3576
443	LOWER DICKEY	1768
444	WF DICKEY	4792
445	LOWER DICKEY	1776
446	LOWER DICKEY	1784
447	LOWER DICKEY	1792
448	LOWER DICKEY	1800
450	LOWER DICKEY	1808
452	SOL DUC LOWLANDS	3584
453	LOWER DICKEY	1816
454	LOWER DICKEY	1824
455	LOWER DICKEY	1832
456	LOWER DICKEY	1840
457	LOWER CALAWAH	1352
458	LOWER CALAWAH	1360
459	LOWER DICKEY	1848
460	LOWER DICKEY	1856
461	SOL DUC LOWLANDS	3592
463	LOWER DICKEY	1864
464	LOWER DICKEY	1872

Type 3 Watershed ID	Watershed Administrative Unit	Page
465	SOL DUC LOWLANDS	3600
466	SOL DUC LOWLANDS	3608
467	SF CALAWAH	3512
468	LOWER DICKEY	1880
470	SF CALAWAH	3520
471	SOL DUC LOWLANDS	3616
472	LOWER DICKEY	1888
474	LOWER DICKEY	1896
477	LOWER CALAWAH	1368
478	LOWER CALAWAH	1376
479	BOGACHIEL	48
480	BOGACHIEL	56
481	BOGACHIEL	64
482	BOGACHIEL	72
483	BOGACHIEL	80
484	BOGACHIEL	88
487	QUILLAYUTE RIVER	3280
488	LOWER CALAWAH	1384
489	LOWER DICKEY	1904
490	BOGACHIEL	96
491	QUILLAYUTE RIVER	3288
492	SOL DUC LOWLANDS	3624
493	BOGACHIEL	104
494	BOGACHIEL	112
496	BOGACHIEL	120
497	BOGACHIEL	128
498	BOGACHIEL	136
499	BOGACHIEL	144
500	BOGACHIEL	152
501	QUILLAYUTE RIVER	3296
503	QUILLAYUTE RIVER	3304
504	QUILLAYUTE RIVER	3312
505	BOGACHIEL	160
506	QUILLAYUTE RIVER	3320
508	GOODMAN-MOSQUITO	736
509	GOODMAN-MOSQUITO	744
510	GOODMAN-MOSQUITO	752
512	GOODMAN-MOSQUITO	760
513	GOODMAN-MOSQUITO	768
514	GOODMAN-MOSQUITO	776
515	GOODMAN-MOSQUITO	784
517	BOGACHIEL	168
518	QUILLAYUTE RIVER	3328
519	QUILLAYUTE RIVER	3336
520	BOGACHIEL	176
521	QUILLAYUTE RIVER	3344
522	QUILLAYUTE RIVER	3352
523	BOGACHIEL	184
524	BOGACHIEL	192
525	QUILLAYUTE RIVER	3360

Table F-3, continued. Index of Type 3 Watersheds, by Type 3 Watershed ID

Type 3 Watershed ID	Watershed Administrative Unit	Page
526	BOGACHIEL	200
527	BOGACHIEL	208
528	BOGACHIEL	216
530	BOGACHIEL	224
534	GOODMAN-MOSQUITO	792
538	BOGACHIEL	232
539	BOGACHIEL	240
540	GOODMAN-MOSQUITO	800
541	GOODMAN-MOSQUITO	808
542	GOODMAN-MOSQUITO	816
543	MIDDLE HOH	2256
544	GOODMAN-MOSQUITO	824
545	GOODMAN-MOSQUITO	832
546	MIDDLE HOH	2264
547	GOODMAN-MOSQUITO	840
548	GOODMAN-MOSQUITO	848
550	GOODMAN-MOSQUITO	856
551	MIDDLE HOH	2272
552	MIDDLE HOH	2280
553	MIDDLE HOH	2288
555	MIDDLE HOH	2296
556	MIDDLE HOH	2304
557	MIDDLE HOH	2312
558	MIDDLE HOH	2320
559	MIDDLE HOH	2328
560	MIDDLE HOH	2336
561	MIDDLE HOH	2344
562	MIDDLE HOH	2352
563	MIDDLE HOH	2360
564	MIDDLE HOH	2368
565	MIDDLE HOH	2376
566	MIDDLE HOH	2384
567	GOODMAN-MOSQUITO	864
568	GOODMAN-MOSQUITO	872
569	MIDDLE HOH	2392
570	GOODMAN-MOSQUITO	880
571	MIDDLE HOH	2400
572	MIDDLE HOH	2408
573	MIDDLE HOH	2416
574	MIDDLE HOH	2424
575	GOODMAN-MOSQUITO	888
576	MIDDLE HOH	2432
577	MIDDLE HOH	2440
578	GOODMAN-MOSQUITO	896
579	GOODMAN-MOSQUITO	904
580	GOODMAN-MOSQUITO	912
581	MIDDLE HOH	2448
582	GOODMAN-MOSQUITO	920
583	GOODMAN-MOSQUITO	928
584	GOODMAN-MOSQUITO	936

Type 3 Watershed ID	Watershed Administrative Unit	Page
585	MIDDLE HOH	2456
586	MIDDLE HOH	2464
587	MIDDLE HOH	2472
588	MIDDLE HOH	2480
589	MIDDLE HOH	2488
590	MIDDLE HOH	2496
591	MIDDLE HOH	2504
592	MIDDLE HOH	2512
593	MIDDLE HOH	2520
594	GOODMAN-MOSQUITO	944
595	GOODMAN-MOSQUITO	952
596	MIDDLE HOH	2528
597	GOODMAN-MOSQUITO	960
598	GOODMAN-MOSQUITO	968
599	GOODMAN-MOSQUITO	976
600	GOODMAN-MOSQUITO	984
601	LOWER HOH RIVER	1912
602	LOWER HOH RIVER	1920
603	LOWER HOH RIVER	1928
604	MIDDLE HOH	2536
605	GOODMAN-MOSQUITO	992
606	LOWER HOH RIVER	1936
607	MIDDLE HOH	2544
608	LOWER HOH RIVER	1944
609	MIDDLE HOH	2552
610	GOODMAN-MOSQUITO	1000
611	MIDDLE HOH	2560
612	MIDDLE HOH	2568
613	MIDDLE HOH	2576
614	MIDDLE HOH	2584
615	LOWER HOH RIVER	1952
616	MIDDLE HOH	2592
617	MIDDLE HOH	2600
618	MIDDLE HOH	2608
619	MIDDLE HOH	2616
620	MIDDLE HOH	2624
621	MIDDLE HOH	2632
622	LOWER HOH RIVER	1960
623	MIDDLE HOH	2640
624	MIDDLE HOH	2648
625	MIDDLE HOH	2656
627	MIDDLE HOH	2664
628	GOODMAN-MOSQUITO	1008
629	MIDDLE HOH	2672
630	MIDDLE HOH	2680
631	MIDDLE HOH	2688
632	MIDDLE HOH	2696
633	LOWER HOH RIVER	1968
635	MIDDLE HOH	2704
636	MIDDLE HOH	2712

Table F-3, continued. Index of Type 3 Watersheds, by Type 3 Watershed ID

Type 3 Watershed ID	Watershed Administrative Unit	Page
637	MIDDLE HOH	2720
638	MIDDLE HOH	2728
639	MIDDLE HOH	2736
640	MIDDLE HOH	2744
641	LOWER HOH RIVER	1976
642	MIDDLE HOH	2752
643	MIDDLE HOH	2760
644	MIDDLE HOH	2768
645	LOWER HOH RIVER	1984
647	LOWER HOH RIVER	1992
648	UPPER CLEARWATER	3936
649	MIDDLE HOH	2776
650	MIDDLE HOH	2784
651	LOWER HOH RIVER	2000
653	MIDDLE HOH	2792
654	MIDDLE HOH	2800
656	LOWER HOH RIVER	2008
658	LOWER HOH RIVER	2016
659	MIDDLE HOH	2808
660	MIDDLE HOH	2816
662	UPPER CLEARWATER	3944
663	MIDDLE HOH	2824
664	MIDDLE HOH	2832
666	UPPER CLEARWATER	3952
667	UPPER CLEARWATER	3960
668	UPPER CLEARWATER	3968
669	UPPER CLEARWATER	3976
670	UPPER CLEARWATER	3984
671	UPPER CLEARWATER	3992
672	UPPER CLEARWATER	4000
673	UPPER CLEARWATER	4008
674	UPPER CLEARWATER	4016
675	UPPER CLEARWATER	4024
676	UPPER CLEARWATER	4032
677	UPPER CLEARWATER	4040
678	LOWER HOH RIVER	2024
679	LOWER HOH RIVER	2032
680	UPPER CLEARWATER	4048
681	CEDAR	248
682	CEDAR	256
683	CEDAR	264
684	UPPER CLEARWATER	4056
685	LOWER HOH RIVER	2040
686	UPPER CLEARWATER	4064
687	UPPER CLEARWATER	4072
688	LOWER HOH RIVER	2048
689	UPPER CLEARWATER	4080
690	UPPER CLEARWATER	4088
691	LOWER HOH RIVER	2056
692	LOWER HOH RIVER	2064

Type 3 Watershed ID	Watershed Administrative Unit	Page
693	UPPER CLEARWATER	4096
694	UPPER CLEARWATER	4104
695	LOWER CLEARWATER	1392
696	LOWER HOH RIVER	2072
697	UPPER CLEARWATER	4112
698	LOWER HOH RIVER	2080
699	UPPER CLEARWATER	4120
700	LOWER HOH RIVER	2088
701	UPPER CLEARWATER	4128
702	UPPER CLEARWATER	4136
703	UPPER CLEARWATER	4144
704	LOWER CLEARWATER	1400
705	UPPER CLEARWATER	4152
706	LOWER CLEARWATER	1408
707	UPPER CLEARWATER	4160
708	CEDAR	272
709	LOWER CLEARWATER	1416
710	LOWER CLEARWATER	1424
711	LOWER CLEARWATER	1432
712	UPPER CLEARWATER	4168
713	UPPER CLEARWATER	4176
714	UPPER CLEARWATER	4184
715	CEDAR	280
716	UPPER CLEARWATER	4192
717	UPPER CLEARWATER	4200
718	UPPER CLEARWATER	4208
719	CEDAR	288
720	UPPER CLEARWATER	4216
721	CEDAR	296
722	CEDAR	304
723	UPPER CLEARWATER	4224
724	UPPER CLEARWATER	4232
725	UPPER CLEARWATER	4240
726	UPPER CLEARWATER	4248
727	LOWER CLEARWATER	1440
728	LOWER CLEARWATER	1448
729	UPPER CLEARWATER	4256
730	LOWER CLEARWATER	1456
731	UPPER CLEARWATER	4264
732	LOWER CLEARWATER	1464
733	UPPER CLEARWATER	4272
734	CEDAR	312
735	UPPER CLEARWATER	4280
736	UPPER CLEARWATER	4288
737	UPPER CLEARWATER	4296
738	LOWER CLEARWATER	1472
739	UPPER CLEARWATER	4304
740	UPPER CLEARWATER	4312
741	UPPER CLEARWATER	4320
742	UPPER CLEARWATER	4328

Table F-3, continued. Index of Type 3 Watersheds, by Type 3 Watershed ID

Type 3 Watershed ID	Watershed Administrative Unit	Page
743	CEDAR	320
744	KALALOCH RIDGE	1248
745	UPPER CLEARWATER	4336
746	LOWER CLEARWATER	1480
747	LOWER CLEARWATER	1488
748	UPPER CLEARWATER	4344
749	UPPER CLEARWATER	4352
750	UPPER CLEARWATER	4360
751	UPPER CLEARWATER	4368
752	CEDAR	328
753	LOWER CLEARWATER	1496
754	LOWER CLEARWATER	1504
755	UPPER CLEARWATER	4376
756	UPPER CLEARWATER	4384
757	UPPER CLEARWATER	4392
758	KALALOCH RIDGE	1256
759	LOWER CLEARWATER	1512
760	LOWER CLEARWATER	1520
761	UPPER CLEARWATER	4400
762	UPPER CLEARWATER	4408
763	LOWER CLEARWATER	1528
764	UPPER CLEARWATER	4416
765	UPPER CLEARWATER	4424
766	UPPER CLEARWATER	4432
767	UPPER CLEARWATER	4440
768	UPPER CLEARWATER	4448
769	UPPER CLEARWATER	4456
770	UPPER CLEARWATER	4464
771	UPPER CLEARWATER	4472
772	UPPER CLEARWATER	4480
773	UPPER CLEARWATER	4488
774	KALALOCH RIDGE	1264
775	KALALOCH RIDGE	1272
776	UPPER CLEARWATER	4496
777	LOWER CLEARWATER	1536
778	UPPER CLEARWATER	4504
779	UPPER CLEARWATER	4512
780	KALALOCH RIDGE	1280
781	LOWER CLEARWATER	1544
782	KALALOCH RIDGE	1288
783	KALALOCH RIDGE	1296
784	UPPER CLEARWATER	4520
785	KALALOCH RIDGE	1304
786	UPPER CLEARWATER	4528
787	LOWER CLEARWATER	1552
788	KALALOCH RIDGE	1312
789	LOWER CLEARWATER	1560

Type 3 Watershed ID	Watershed Administrative Unit	Page
790	LOWER CLEARWATER	1568
791	KALALOCH RIDGE	1320
792	KALALOCH RIDGE	1328
793	KALALOCH RIDGE	1336
795	LOWER CLEARWATER	1576
796	LOWER QUEETS RIVER	2096
797	LOWER QUEETS RIVER	2104
798	LOWER CLEARWATER	1584
799	LOWER CLEARWATER	1592
800	LOWER QUEETS RIVER	2112
801	LOWER QUEETS RIVER	2120
802	LOWER QUEETS RIVER	2128
804	LOWER CLEARWATER	1600
805	LOWER CLEARWATER	1608
806	LOWER CLEARWATER	1616
807	KALALOCH RIDGE	1344
808	LOWER QUEETS RIVER	2136
809	LOWER CLEARWATER	1624
810	LOWER QUEETS RIVER	2144
811	LOWER CLEARWATER	1632
812	LOWER CLEARWATER	1640
815	LOWER QUEETS RIVER	2152
818	LOWER CLEARWATER	1648
819	LOWER CLEARWATER	1656
820	LOWER QUEETS RIVER	2160
823	LOWER CLEARWATER	1664
829	LOWER CLEARWATER	1672
830	LOWER CLEARWATER	1680
832	LOWER CLEARWATER	1688
833	LOWER QUEETS RIVER	2168
834	LOWER CLEARWATER	1696
836	LOWER CLEARWATER	1704
837	MATHENY CREEK	2232
838	LOWER QUEETS RIVER	2176
839	LOWER QUEETS RIVER	2184
840	LOWER QUEETS RIVER	2192
841	LOWER QUEETS RIVER	2200
842	MATHENY CREEK	2240
844	LOWER QUEETS RIVER	2208
845	MATHENY CREEK	2248
846	LOWER QUEETS RIVER	2216
847	LOWER QUEETS RIVER	2224
849	SALMON RIVER	3384
852	SALMON RIVER	3392
856	SALMON RIVER	3400
858	CLALLAM RIVER	552
860	MIDDLE HOH	2840

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Type 3 Watershed ID	Watershed Administrative Unit	Page
479	BOGACHIEL	48
480	BOGACHIEL	56
481	BOGACHIEL	64
482	BOGACHIEL	72
483	BOGACHIEL	80
484	BOGACHIEL	88
490	BOGACHIEL	96
493	BOGACHIEL	104
494	BOGACHIEL	112
496	BOGACHIEL	120
497	BOGACHIEL	128
498	BOGACHIEL	136
499	BOGACHIEL	144
500	BOGACHIEL	152
505	BOGACHIEL	160
517	BOGACHIEL	168
520	BOGACHIEL	176
523	BOGACHIEL	184
524	BOGACHIEL	192
526	BOGACHIEL	200
527	BOGACHIEL	208
528	BOGACHIEL	216
530	BOGACHIEL	224
538	BOGACHIEL	232
539	BOGACHIEL	240
681	CEDAR	248
682	CEDAR	256
683	CEDAR	264
708	CEDAR	272
715	CEDAR	280
719	CEDAR	288
721	CEDAR	296
722	CEDAR	304
734	CEDAR	312
743	CEDAR	320
752	CEDAR	328
95	CLALLAM RIVER	336
96	CLALLAM RIVER	344
97	CLALLAM RIVER	352
98	CLALLAM RIVER	360
119	CLALLAM RIVER	368
130	CLALLAM RIVER	376
134	CLALLAM RIVER	384
138	CLALLAM RIVER	392
139	CLALLAM RIVER	400
146	CLALLAM RIVER	408
150	CLALLAM RIVER	416
157	CLALLAM RIVER	424
158	CLALLAM RIVER	432
160	CLALLAM RIVER	440

Type 3 Watershed ID	Watershed Administrative Unit	Page
161	CLALLAM RIVER	448
166	CLALLAM RIVER	456
167	CLALLAM RIVER	464
168	CLALLAM RIVER	472
169	CLALLAM RIVER	480
170	CLALLAM RIVER	488
171	CLALLAM RIVER	496
186	CLALLAM RIVER	504
188	CLALLAM RIVER	512
196	CLALLAM RIVER	520
200	CLALLAM RIVER	528
213	CLALLAM RIVER	536
220	CLALLAM RIVER	544
858	CLALLAM RIVER	552
302	EF DICKEY	560
317	EF DICKEY	568
321	EF DICKEY	576
322	EF DICKEY	584
333	EF DICKEY	592
334	EF DICKEY	600
338	EF DICKEY	608
347	EF DICKEY	616
348	EF DICKEY	624
349	EF DICKEY	632
353	EF DICKEY	640
370	EF DICKEY	648
371	EF DICKEY	656
379	EF DICKEY	664
380	EF DICKEY	672
385	EF DICKEY	680
387	EF DICKEY	688
402	EF DICKEY	696
414	EF DICKEY	704
417	EF DICKEY	712
433	EF DICKEY	720
436	EF DICKEY	728
508	GOODMAN-MOSQUITO	736
509	GOODMAN-MOSQUITO	744
510	GOODMAN-MOSQUITO	752
512	GOODMAN-MOSQUITO	760
513	GOODMAN-MOSQUITO	768
514	GOODMAN-MOSQUITO	776
515	GOODMAN-MOSQUITO	784
534	GOODMAN-MOSQUITO	792
540	GOODMAN-MOSQUITO	800
541	GOODMAN-MOSQUITO	808
542	GOODMAN-MOSQUITO	816
544	GOODMAN-MOSQUITO	824
545	GOODMAN-MOSQUITO	832
547	GOODMAN-MOSQUITO	840

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Type 3 Watershed ID	Watershed Administrative Unit	Page
548	GOODMAN-MOSQUITO	848
550	GOODMAN-MOSQUITO	856
567	GOODMAN-MOSQUITO	864
568	GOODMAN-MOSQUITO	872
570	GOODMAN-MOSQUITO	880
575	GOODMAN-MOSQUITO	888
578	GOODMAN-MOSQUITO	896
579	GOODMAN-MOSQUITO	904
580	GOODMAN-MOSQUITO	912
582	GOODMAN-MOSQUITO	920
583	GOODMAN-MOSQUITO	928
584	GOODMAN-MOSQUITO	936
594	GOODMAN-MOSQUITO	944
595	GOODMAN-MOSQUITO	952
597	GOODMAN-MOSQUITO	960
598	GOODMAN-MOSQUITO	968
599	GOODMAN-MOSQUITO	976
600	GOODMAN-MOSQUITO	984
605	GOODMAN-MOSQUITO	992
610	GOODMAN-MOSQUITO	1000
628	GOODMAN-MOSQUITO	1008
85	HOKO	1016
86	HOKO	1024
88	HOKO	1032
89	HOKO	1040
116	HOKO	1048
117	HOKO	1056
133	HOKO	1064
136	HOKO	1072
137	HOKO	1080
145	HOKO	1088
148	HOKO	1096
151	HOKO	1104
152	HOKO	1112
153	HOKO	1120
164	HOKO	1128
165	HOKO	1136
172	HOKO	1144
197	HOKO	1152
203	HOKO	1160
205	HOKO	1168
222	HOKO	1176
229	HOKO	1184
241	HOKO	1192
249	HOKO	1200
255	HOKO	1208
256	HOKO	1216
267	HOKO	1224
276	HOKO	1232
287	HOKO	1240

Type 3 Watershed ID	Watershed Administrative Unit	Page
744	KALALOCH RIDGE	1248
758	KALALOCH RIDGE	1256
774	KALALOCH RIDGE	1264
775	KALALOCH RIDGE	1272
780	KALALOCH RIDGE	1280
782	KALALOCH RIDGE	1288
783	KALALOCH RIDGE	1296
785	KALALOCH RIDGE	1304
788	KALALOCH RIDGE	1312
791	KALALOCH RIDGE	1320
792	KALALOCH RIDGE	1328
793	KALALOCH RIDGE	1336
807	KALALOCH RIDGE	1344
457	LOWER CALAWAH	1352
458	LOWER CALAWAH	1360
477	LOWER CALAWAH	1368
478	LOWER CALAWAH	1376
488	LOWER CALAWAH	1384
695	LOWER CLEARWATER	1392
704	LOWER CLEARWATER	1400
706	LOWER CLEARWATER	1408
709	LOWER CLEARWATER	1416
710	LOWER CLEARWATER	1424
711	LOWER CLEARWATER	1432
727	LOWER CLEARWATER	1440
728	LOWER CLEARWATER	1448
730	LOWER CLEARWATER	1456
732	LOWER CLEARWATER	1464
738	LOWER CLEARWATER	1472
746	LOWER CLEARWATER	1480
747	LOWER CLEARWATER	1488
753	LOWER CLEARWATER	1496
754	LOWER CLEARWATER	1504
759	LOWER CLEARWATER	1512
760	LOWER CLEARWATER	1520
763	LOWER CLEARWATER	1528
777	LOWER CLEARWATER	1536
781	LOWER CLEARWATER	1544
787	LOWER CLEARWATER	1552
789	LOWER CLEARWATER	1560
790	LOWER CLEARWATER	1568
795	LOWER CLEARWATER	1576
798	LOWER CLEARWATER	1584
799	LOWER CLEARWATER	1592
804	LOWER CLEARWATER	1600
805	LOWER CLEARWATER	1608
806	LOWER CLEARWATER	1616
809	LOWER CLEARWATER	1624
811	LOWER CLEARWATER	1632
812	LOWER CLEARWATER	1640

Table F-4. Index of Type 3 Watersheds, by Watershed Administrative Unit

Type 3 Watershed ID	Watershed Administrative Unit	Page
818	LOWER CLEARWATER	1648
819	LOWER CLEARWATER	1656
823	LOWER CLEARWATER	1664
829	LOWER CLEARWATER	1672
830	LOWER CLEARWATER	1680
832	LOWER CLEARWATER	1688
834	LOWER CLEARWATER	1696
836	LOWER CLEARWATER	1704
388	LOWER DICKEY	1712
411	LOWER DICKEY	1720
413	LOWER DICKEY	1728
430	LOWER DICKEY	1736
439	LOWER DICKEY	1744
440	LOWER DICKEY	1752
441	LOWER DICKEY	1760
443	LOWER DICKEY	1768
445	LOWER DICKEY	1776
446	LOWER DICKEY	1784
447	LOWER DICKEY	1792
448	LOWER DICKEY	1800
450	LOWER DICKEY	1808
453	LOWER DICKEY	1816
454	LOWER DICKEY	1824
455	LOWER DICKEY	1832
456	LOWER DICKEY	1840
459	LOWER DICKEY	1848
460	LOWER DICKEY	1856
463	LOWER DICKEY	1864
464	LOWER DICKEY	1872
468	LOWER DICKEY	1880
472	LOWER DICKEY	1888
474	LOWER DICKEY	1896
489	LOWER DICKEY	1904
601	LOWER HOH RIVER	1912
602	LOWER HOH RIVER	1920
603	LOWER HOH RIVER	1928
606	LOWER HOH RIVER	1936
608	LOWER HOH RIVER	1944
615	LOWER HOH RIVER	1952
622	LOWER HOH RIVER	1960
633	LOWER HOH RIVER	1968
641	LOWER HOH RIVER	1976
645	LOWER HOH RIVER	1984
647	LOWER HOH RIVER	1992
651	LOWER HOH RIVER	2000
656	LOWER HOH RIVER	2008
658	LOWER HOH RIVER	2016
678	LOWER HOH RIVER	2024
679	LOWER HOH RIVER	2032
685	LOWER HOH RIVER	2040

Type 3 Watershed ID	Watershed Administrative Unit	Page
688	LOWER HOH RIVER	2048
691	LOWER HOH RIVER	2056
692	LOWER HOH RIVER	2064
696	LOWER HOH RIVER	2072
698	LOWER HOH RIVER	2080
700	LOWER HOH RIVER	2088
796	LOWER QUEETS RIVER	2096
797	LOWER QUEETS RIVER	2104
800	LOWER QUEETS RIVER	2112
801	LOWER QUEETS RIVER	2120
802	LOWER QUEETS RIVER	2128
808	LOWER QUEETS RIVER	2136
810	LOWER QUEETS RIVER	2144
815	LOWER QUEETS RIVER	2152
820	LOWER QUEETS RIVER	2160
833	LOWER QUEETS RIVER	2168
838	LOWER QUEETS RIVER	2176
839	LOWER QUEETS RIVER	2184
840	LOWER QUEETS RIVER	2192
841	LOWER QUEETS RIVER	2200
844	LOWER QUEETS RIVER	2208
846	LOWER QUEETS RIVER	2216
847	LOWER QUEETS RIVER	2224
837	MATHENY CREEK	2232
842	MATHENY CREEK	2240
845	MATHENY CREEK	2248
543	MIDDLE HOH	2256
546	MIDDLE HOH	2264
551	MIDDLE HOH	2272
552	MIDDLE HOH	2280
553	MIDDLE HOH	2288
555	MIDDLE HOH	2296
556	MIDDLE HOH	2304
557	MIDDLE HOH	2312
558	MIDDLE HOH	2320
559	MIDDLE HOH	2328
560	MIDDLE HOH	2336
561	MIDDLE HOH	2344
562	MIDDLE HOH	2352
563	MIDDLE HOH	2360
564	MIDDLE HOH	2368
565	MIDDLE HOH	2376
566	MIDDLE HOH	2384
569	MIDDLE HOH	2392
571	MIDDLE HOH	2400
572	MIDDLE HOH	2408
573	MIDDLE HOH	2416
574	MIDDLE HOH	2424
576	MIDDLE HOH	2432
577	MIDDLE HOH	2440

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581	MIDDLE HOH	2448
585	MIDDLE HOH	2456
586	MIDDLE HOH	2464
587	MIDDLE HOH	2472
588	MIDDLE HOH	2480
589	MIDDLE HOH	2488
590	MIDDLE HOH	2496
591	MIDDLE HOH	2504
592	MIDDLE HOH	2512
593	MIDDLE HOH	2520
596	MIDDLE HOH	2528
604	MIDDLE HOH	2536
607	MIDDLE HOH	2544
609	MIDDLE HOH	2552
611	MIDDLE HOH	2560
612	MIDDLE HOH	2568
613	MIDDLE HOH	2576
614	MIDDLE HOH	2584
616	MIDDLE HOH	2592
617	MIDDLE HOH	2600
618	MIDDLE HOH	2608
619	MIDDLE HOH	2616
620	MIDDLE HOH	2624
621	MIDDLE HOH	2632
623	MIDDLE HOH	2640
624	MIDDLE HOH	2648
625	MIDDLE HOH	2656
627	MIDDLE HOH	2664
629	MIDDLE HOH	2672
630	MIDDLE HOH	2680
631	MIDDLE HOH	2688
632	MIDDLE HOH	2696
635	MIDDLE HOH	2704
636	MIDDLE HOH	2712
637	MIDDLE HOH	2720
638	MIDDLE HOH	2728
639	MIDDLE HOH	2736
640	MIDDLE HOH	2744
642	MIDDLE HOH	2752
643	MIDDLE HOH	2760
644	MIDDLE HOH	2768
649	MIDDLE HOH	2776
650	MIDDLE HOH	2784
653	MIDDLE HOH	2792
654	MIDDLE HOH	2800
659	MIDDLE HOH	2808
660	MIDDLE HOH	2816
663	MIDDLE HOH	2824
664	MIDDLE HOH	2832
860	MIDDLE HOH	2840

Type 3 Watershed ID	Watershed Administrative Unit	Page
50	MT QUEETS	2848
393	NF CALAWAH	2856
395	NF CALAWAH	2864
396	NF CALAWAH	2872
397	NF CALAWAH	2880
421	NF CALAWAH	2888
424	NF CALAWAH	2896
431	NF CALAWAH	2904
435	NF CALAWAH	2912
107	OZETTE LAKE	2920
163	OZETTE LAKE	2928
174	OZETTE LAKE	2936
187	OZETTE LAKE	2944
192	OZETTE LAKE	2952
193	OZETTE LAKE	2960
194	OZETTE LAKE	2968
195	OZETTE LAKE	2976
212	OZETTE LAKE	2984
216	OZETTE LAKE	2992
227	OZETTE LAKE	3000
232	OZETTE LAKE	3008
234	OZETTE LAKE	3016
236	OZETTE LAKE	3024
245	OZETTE LAKE	3032
252	OZETTE LAKE	3040
259	OZETTE LAKE	3048
270	OZETTE LAKE	3056
316	OZETTE LAKE	3064
319	OZETTE LAKE	3072
320	OZETTE LAKE	3080
325	OZETTE LAKE	3088
329	OZETTE LAKE	3096
339	OZETTE LAKE	3104
341	OZETTE LAKE	3112
344	OZETTE LAKE	3120
350	OZETTE LAKE	3128
354	OZETTE LAKE	3136
372	OZETTE LAKE	3144
377	OZETTE LAKE	3152
381	OZETTE LAKE	3160
391	OZETTE LAKE	3168
399	OZETTE LAKE	3176
124	PYSHT RIVER	3184
126	PYSHT RIVER	3192
155	PYSHT RIVER	3200
184	PYSHT RIVER	3208
207	PYSHT RIVER	3216
224	PYSHT RIVER	3224
230	PYSHT RIVER	3232
238	PYSHT RIVER	3240

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243	PYSHT RIVER	3248
271	PYSHT RIVER	3256
273	PYSHT RIVER	3264
277	PYSHT RIVER	3272
487	QUILLAYUTE RIVER	3280
491	QUILLAYUTE RIVER	3288
501	QUILLAYUTE RIVER	3296
503	QUILLAYUTE RIVER	3304
504	QUILLAYUTE RIVER	3312
506	QUILLAYUTE RIVER	3320
518	QUILLAYUTE RIVER	3328
519	QUILLAYUTE RIVER	3336
521	QUILLAYUTE RIVER	3344
522	QUILLAYUTE RIVER	3352
525	QUILLAYUTE RIVER	3360
52	RAIN FOREST	3368
27	SALMON RIVER	3376
849	SALMON RIVER	3384
852	SALMON RIVER	3392
856	SALMON RIVER	3400
65	SEKIU	3408
69	SEKIU	3416
73	SEKIU	3424
84	SEKIU	3432
102	SEKIU	3440
104	SEKIU	3448
105	SEKIU	3456
110	SEKIU	3464
114	SEKIU	3472
122	SEKIU	3480
132	SEKIU	3488
12	SF CALAWAH	3496
16	SF CALAWAH	3504
467	SF CALAWAH	3512
470	SF CALAWAH	3520
390	SOL DUC LOWLANDS	3528
401	SOL DUC LOWLANDS	3536
405	SOL DUC LOWLANDS	3544
408	SOL DUC LOWLANDS	3552
418	SOL DUC LOWLANDS	3560
419	SOL DUC LOWLANDS	3568
442	SOL DUC LOWLANDS	3576
452	SOL DUC LOWLANDS	3584
461	SOL DUC LOWLANDS	3592
465	SOL DUC LOWLANDS	3600
466	SOL DUC LOWLANDS	3608
471	SOL DUC LOWLANDS	3616
492	SOL DUC LOWLANDS	3624
274	SOL DUC VALLEY	3632
278	SOL DUC VALLEY	3640
289	SOL DUC VALLEY	3648
301	SOL DUC VALLEY	3656
303	SOL DUC VALLEY	3664
308	SOL DUC VALLEY	3672
309	SOL DUC VALLEY	3680
310	SOL DUC VALLEY	3688
311	SOL DUC VALLEY	3696
313	SOL DUC VALLEY	3704
323	SOL DUC VALLEY	3712
324	SOL DUC VALLEY	3720
326	SOL DUC VALLEY	3728
327	SOL DUC VALLEY	3736
328	SOL DUC VALLEY	3744
335	SOL DUC VALLEY	3752
343	SOL DUC VALLEY	3760
356	SOL DUC VALLEY	3768
357	SOL DUC VALLEY	3776
360	SOL DUC VALLEY	3784
361	SOL DUC VALLEY	3792
374	SOL DUC VALLEY	3800
382	SOL DUC VALLEY	3808
383	SOL DUC VALLEY	3816
389	SOL DUC VALLEY	3824
74	SOOES	3832
77	SOOES	3840
131	SOOES	3848
135	SOOES	3856
45	TSHLETSHY RIDGE	3864
179	TWIN RIVERS-DEEP CREEK	3872
180	TWIN RIVERS-DEEP CREEK	3880
183	TWIN RIVERS-DEEP CREEK	3888
258	TWIN RIVERS-DEEP CREEK	3896
262	TWIN RIVERS-DEEP CREEK	3904
297	TWIN RIVERS-DEEP CREEK	3912
30	UPPER BOGACHIEL	3920
31	UPPER BOGACHIEL	3928
648	UPPER CLEARWATER	3936
662	UPPER CLEARWATER	3944
666	UPPER CLEARWATER	3952
667	UPPER CLEARWATER	3960
668	UPPER CLEARWATER	3968
669	UPPER CLEARWATER	3976
670	UPPER CLEARWATER	3984
671	UPPER CLEARWATER	3992
672	UPPER CLEARWATER	4000
673	UPPER CLEARWATER	4008
674	UPPER CLEARWATER	4016
675	UPPER CLEARWATER	4024
676	UPPER CLEARWATER	4032
677	UPPER CLEARWATER	4040

Table F-4. Index of Type 3 Watersheds, by Watershed Administrative Unit

Type 3 Watershed ID	Watershed Administrative Unit	Page
680	UPPER CLEARWATER	4048
684	UPPER CLEARWATER	4056
686	UPPER CLEARWATER	4064
687	UPPER CLEARWATER	4072
689	UPPER CLEARWATER	4080
690	UPPER CLEARWATER	4088
693	UPPER CLEARWATER	4096
694	UPPER CLEARWATER	4104
697	UPPER CLEARWATER	4112
699	UPPER CLEARWATER	4120
701	UPPER CLEARWATER	4128
702	UPPER CLEARWATER	4136
703	UPPER CLEARWATER	4144
705	UPPER CLEARWATER	4152
707	UPPER CLEARWATER	4160
712	UPPER CLEARWATER	4168
713	UPPER CLEARWATER	4176
714	UPPER CLEARWATER	4184
716	UPPER CLEARWATER	4192
717	UPPER CLEARWATER	4200
718	UPPER CLEARWATER	4208
720	UPPER CLEARWATER	4216
723	UPPER CLEARWATER	4224
724	UPPER CLEARWATER	4232
725	UPPER CLEARWATER	4240
726	UPPER CLEARWATER	4248
729	UPPER CLEARWATER	4256
731	UPPER CLEARWATER	4264
733	UPPER CLEARWATER	4272
735	UPPER CLEARWATER	4280
736	UPPER CLEARWATER	4288
737	UPPER CLEARWATER	4296
739	UPPER CLEARWATER	4304
740	UPPER CLEARWATER	4312
741	UPPER CLEARWATER	4320
742	UPPER CLEARWATER	4328
745	UPPER CLEARWATER	4336
748	UPPER CLEARWATER	4344
749	UPPER CLEARWATER	4352
750	UPPER CLEARWATER	4360
751	UPPER CLEARWATER	4368
755	UPPER CLEARWATER	4376
756	UPPER CLEARWATER	4384
757	UPPER CLEARWATER	4392
761	UPPER CLEARWATER	4400
762	UPPER CLEARWATER	4408
764	UPPER CLEARWATER	4416
765	UPPER CLEARWATER	4424
766	UPPER CLEARWATER	4432
767	UPPER CLEARWATER	4440
768	UPPER CLEARWATER	4448
769	UPPER CLEARWATER	4456
770	UPPER CLEARWATER	4464
771	UPPER CLEARWATER	4472
772	UPPER CLEARWATER	4480
773	UPPER CLEARWATER	4488
776	UPPER CLEARWATER	4496
778	UPPER CLEARWATER	4504
779	UPPER CLEARWATER	4512
784	UPPER CLEARWATER	4520
786	UPPER CLEARWATER	4528
34	UPPER HOH RIVER	4536
345	UPPER SOL DUC	4544
346	UPPER SOL DUC	4552
362	UPPER SOL DUC	4560
363	UPPER SOL DUC	4568
378	UPPER SOL DUC	4576
233	WF DICKEY	4584
242	WF DICKEY	4592
250	WF DICKEY	4600
251	WF DICKEY	4608
260	WF DICKEY	4616
268	WF DICKEY	4624
269	WF DICKEY	4632
275	WF DICKEY	4640
286	WF DICKEY	4648
290	WF DICKEY	4656
291	WF DICKEY	4664
292	WF DICKEY	4672
293	WF DICKEY	4680
294	WF DICKEY	4688
295	WF DICKEY	4696
296	WF DICKEY	4704
314	WF DICKEY	4712
315	WF DICKEY	4720
336	WF DICKEY	4728
352	WF DICKEY	4736
358	WF DICKEY	4744
365	WF DICKEY	4752
403	WF DICKEY	4760
416	WF DICKEY	4768
422	WF DICKEY	4776
434	WF DICKEY	4784
444	WF DICKEY	4792