

APPENDIX C:

Summary of Selected HRU Codes and
Descriptions for the Shasta River
Watershed

Table C-1. Summary of selected HRU codes and their description for the Shasta River watershed

HRU Code	Hydrologic Response Unit (HRU) Categories				Area Distribution		Secondary Attributes	
	Land Cover	Soil	Slope	Geology	Acres	Percent	Slope	Canopy
1111	Forest	A	Low	Cascade	32,124	6%	12.00%	41.30%
1113	Forest	A	Low	Klamath	42	0%	12.80%	60.60%
1121	Forest	A	Med	Cascade	39,035	8%	20.40%	50.30%
1123	Forest	A	Med	Klamath	431	0%	28.80%	51.70%
1131	Forest	A	High	Cascade	2,254	0%	38.60%	49.80%
1133	Forest	A	High	Klamath	279	0%	43.00%	51.10%
1211	Forest	B	Low	Cascade	8,484	2%	12.10%	46.40%
1213	Forest	B	Low	Klamath	142	0%	10.00%	44.20%
1221	Forest	B	Med	Cascade	12,459	2%	20.90%	51.60%
1223	Forest	B	Med	Klamath	461	0%	24.30%	56.90%
1231	Forest	B	High	Cascade	1,247	0%	38.70%	52.50%
1233	Forest	B	High	Klamath	5,609	1%	43.30%	55.90%
1311	Forest	C	Low	Cascade	1,856	0%	9.30%	33.70%
1313	Forest	C	Low	Klamath	153	0%	10.90%	41.30%
1321	Forest	C	Med	Cascade	11,936	2%	26.10%	43.10%
1323	Forest	C	Med	Klamath	5,764	1%	33.00%	49.40%
1331	Forest	C	High	Cascade	1,515	0%	40.60%	56.70%
1333	Forest	C	High	Klamath	18,010	4%	41.80%	56.80%
1411	Forest	D	Low	Cascade	2,828	1%	8.90%	39.30%
1413	Forest	D	Low	Klamath	38	0%	10.90%	33.80%
1421	Forest	D	Med	Cascade	12,106	2%	27.30%	41.20%
1423	Forest	D	Med	Klamath	4,473	1%	29.30%	34.70%
1431	Forest	D	High	Cascade	4,903	1%	46.80%	29.80%
1433	Forest	D	High	Klamath	16,137	3%	41.70%	45.30%
2111	Grass & Shrub	A	Low	Cascade	28,470	6%	7.60%	14.00%
2113	Grass & Shrub	A	Low	Klamath	635	0%	9.60%	11.00%
2121	Grass & Shrub	A	Med	Cascade	5,644	1%	26.10%	25.40%
2123	Grass & Shrub	A	Med	Klamath	335	0%	40.70%	23.90%
2131	Grass & Shrub	A	High	Cascade	1,994	0%	7.60%	14.00%
2133	Grass & Shrub	A	High	Klamath	324	0%	9.60%	11.00%
2211	Grass & Shrub	B	Low	Cascade	6,055	1%	26.10%	25.40%
2213	Grass & Shrub	B	Low	Klamath	1,313	0%	40.70%	23.90%
2221	Grass & Shrub	B	Med	Cascade	2,660	1%	7.60%	14.00%

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	Land Cover	Soil	Slope	Geology	Acres	Percent	Slope	Canopy
2223	Grass & Shrub	B	Med	Klamath	343	0%	9.60%	11.00%
2231	Grass & Shrub	B	High	Cascade	295	0%	26.10%	25.40%
2233	Grass & Shrub	B	High	Klamath	1,911	0%	40.70%	23.90%
2311	Grass & Shrub	C	Low	Cascade	28,018	6%	7.10%	3.40%
2313	Grass & Shrub	C	Low	Klamath	2,513	0%	12.90%	5.20%
2321	Grass & Shrub	C	Med	Cascade	12,825	3%	22.70%	11.00%
2323	Grass & Shrub	C	Med	Klamath	17,997	4%	32.20%	24.10%
2331	Grass & Shrub	C	High	Cascade	1,785	0%	22.70%	11.00%
2333	Grass & Shrub	C	High	Klamath	12,250	2%	32.20%	24.10%
2411	Grass & Shrub	D	Low	Cascade	35,915	7%	8.50%	2.20%
2413	Grass & Shrub	D	Low	Klamath	533	0%	12.40%	6.20%
2421	Grass & Shrub	D	Med	Cascade	21,516	4%	26.20%	7.60%
2423	Grass & Shrub	D	Med	Klamath	6,920	1%	39.70%	16.20%
2431	Grass & Shrub	D	High	Cascade	7,217	1%	26.20%	7.60%
2433	Grass & Shrub	D	High	Klamath	15,975	3%	39.70%	16.20%
3111	Cultivated Crops, NI	A	Low	Cascade	2,040	0%	2.40%	1.70%
3112	Cultivated Crops, NI	A	Low	Overlap	1,867	0%	2.50%	0.80%
3311	Cultivated Crops, NI	C	Low	Cascade	9,124	1%	2.10%	2.00%
3312	Cultivated Crops, NI	C	Low	Overlap	5,273	0%	1.90%	0.70%
3411	Cultivated Crops, NI	D	Low	Cascade	4,373	0%	3.60%	2.90%
3412	Cultivated Crops, NI	D	Low	Overlap	9,876	1%	2.40%	1.10%
4111	Cultivated Crops, SW	A	Low	Cascade	872	0%	2.40%	1.70%
4112	Cultivated Crops, SW	A	Low	Overlap	708	0%	2.50%	0.80%
4311	Cultivated Crops, SW	C	Low	Cascade	4,566	2%	2.10%	2.00%
4312	Cultivated Crops, SW	C	Low	Overlap	2,902	1%	1.90%	0.70%
4411	Cultivated Crops, SW	D	Low	Cascade	2,778	1%	3.60%	2.90%
4412	Cultivated Crops, SW	D	Low	Overlap	5,482	2%	2.40%	1.10%
5111	Cultivated Crops, GW	A	Low	Cascade	506	0%	2.40%	1.70%
5112	Cultivated Crops, GW	A	Low	Overlap	467	0%	2.50%	0.80%
5311	Cultivated Crops, GW	C	Low	Cascade	1,745	1%	2.10%	2.00%
5312	Cultivated Crops, GW	C	Low	Overlap	257	0%	1.90%	0.70%
5411	Cultivated Crops, GW	D	Low	Cascade	198	0%	3.60%	2.90%
5412	Cultivated Crops, GW	D	Low	Overlap	263	0%	2.40%	1.10%
6111	Pasture, NI	A	Low	Cascade	2,470	0%	3.50%	1.50%
6112	Pasture, NI	A	Low	Overlap	2,778	0%	9.00%	0.80%
6311	Pasture, NI	C	Low	Cascade	7,252	0%	5.20%	0.70%

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	Land Cover	Soil	Slope	Geology	Acres	Percent	Slope	Canopy
6312	Pasture, NI	C	Low	Overlap	4,660	1%	17.30%	2.10%
6411	Pasture, NI	D	Low	Cascade	5,741	0%	4.90%	0.70%
6412	Pasture, NI	D	Low	Overlap	4,649	1%	21.60%	2.10%
7111	Pasture, SW	A	Low	Cascade	1,078	0%	3.50%	1.50%
7112	Pasture, SW	A	Low	Overlap	570	0%	9.00%	0.80%
7311	Pasture, SW	C	Low	Cascade	2,894	2%	5.20%	0.70%
7312	Pasture, SW	C	Low	Overlap	665	0%	17.30%	2.10%
7411	Pasture, SW	D	Low	Cascade	3,141	2%	4.90%	0.70%
7412	Pasture, SW	D	Low	Overlap	867	0%	21.60%	2.10%
8111	Pasture, GW	A	Low	Cascade	415	0%	3.50%	1.50%
8112	Pasture, GW	A	Low	Overlap	454	0%	9.00%	0.80%
8311	Pasture, GW	C	Low	Cascade	763	0%	5.20%	0.70%
8312	Pasture, GW	C	Low	Overlap	202	0%	17.30%	2.10%
8411	Pasture, GW	D	Low	Cascade	126	0%	4.90%	0.70%
8412	Pasture, GW	D	Low	Overlap	134	0%	21.60%	2.10%
9010	Developed	--	Low	--	1,218	0%	7.10%	9.00%
9110	Developed	A	Low	--	7,279	1%	6.60%	14.20%
9310	Developed	C	Low	--	7,547	1%	7.50%	4.80%
10000	Wetland	--	--	--	1,427	0%	3.90%	8.10%
11000	Water	--	--	--	2,066	0%	10.40%	0.70%
Total					507,420	100%	18.80%	22.70%

Color gradients indicate increasing **Percent Area**, **Slope**, and **Canopy Cover**, respectively.

Irrigation Categories

NI: No Irrigation

SW: Surface Water Irrigation

GW: Groundwater Irrigation