

Highly Erodible Land Classes
 1=Highly Erodible Land
 2=Potentially Highly Erodible
 3=Not Highly Erodible

Equations
 1=Frozen Soils
 2=West Side Soils

C Values Min Max Midpt
 0.01 0.1 0.05

3/16/87

Map Symbol	Soil Name	Crop	Eq.	HEL Wind	HEL Water	HEL Seq	HEL %	Acres	C	I	R Min	R Max	K	T	Slope Percent Min	Slope Percent Max	Slope Length Min	Slope Length Max	LS-Value Min	LS-Value Max	8T/RK Min	8T/RK Max	EI Min	EI Max
10C	CINEBAR	Y	2	3	2	1	100	358	40		30	51	0.28	5	6	15	75	200	0.582	3.341	4.762	2.801	0.978	9.542
10D	CINEBAR	Y	2	3	2	1	100	149	40		30	51	0.28	5	15	30	75	375	2.046	11.362	4.762	2.801	3.437	32.450
10E	CINEBAR	N	2	3	1	1	100	787	40		30	51	0.28	5	30	45	75	350	2.081	17.639	4.762	2.801	8.536	50.377
11A	COASTAL BEACHES	N	2	3	3	1	100	845	0		25	39			5	75	100	ERROR	0.535	ERROR	ERROR	0.000	0.000	
12A	DUPONT	Y	2	3	3	1	100	6008	40		14	43		5	0	1	75	80	0.065	0.121	ERROR	ERROR	0.000	0.000
13B	EVERETT	Y	2	3	3	1	100	17645	8		11	25	0.17	1	0	6	75	100	0.065	0.672	4.278	1.882	0.122	2.856
13C	EVERETT	Y	2	3	2	1	100	7891	8		11	25	0.17	1	6	15	75	150	0.582	2.893	4.278	1.882	1.088	12.295
13D	EVERETT	Y	2	3	2	1	100	1509	8		11	25	0.17	1	15	30	75	150	2.046	7.186	4.278	1.882	3.826	30.541
14B	EVERETT	N	2	3	3	1	100	2624	40		11	25	0.17	5	0	6	75	100	0.065	0.672	21.390	9.412	0.024	0.571
15A	GREENWATER	Y	2	3	3	1	100	1014	40		30	43	0.17	5	0	3	75	200	0.065	0.353	7.843	5.472	0.066	0.516
16D	HARSTINE	Y	2	3	2	1	100	6618	16		14	30	0.15	2	15	30	75	80	2.046	5.248	7.619	3.556	2.148	11.808
16B	HARSTINE	Y	2	3	3	1	100	4318	16		14	30	0.15	2	0	6	75	100	0.065	0.672	7.619	3.556	0.068	1.512
16C	HARSTINE	Y	2	3	3	1	100	34195	16		14	30	0.15	2	6	15	75	150	0.582	2.893	7.619	3.556	0.611	6.509
16E	HARSTINE	N	2	3	2	1	100	1134	16		14	30	0.15	2	30	45	75	80	5.081	8.433	7.619	3.556	5.335	18.974
17A	HYDRAQUENTS	N	2	3	3	1	100	728	40		11	30	0.49	5	0	2	75	80	0.065	0.188	7.421	2.721	0.070	0.553
18B	INDIANOLA	Y	2	3	3	1	100	5603	40		11	20	0.15	5	0	6	75	100	0.065	0.672	24.242	13.333	0.021	0.403
18C	INDIANOLA	Y	2	3	3	1	100	8657	40		11	20	0.15	5	6	15	75	200	0.582	3.341	24.242	13.333	0.192	2.005
18E	INDIANOLA	Y	2	3	3	1	100	2770	40		11	20	0.15	5	15	45	75	150	2.046	11.547	24.242	13.333	0.675	6.928
19B	KAPOWSIN	Y	2	3	3	1	100	54372	16		11	25	0.2	2	0	6	75	100	0.065	0.672	7.273	3.200	0.071	1.680
19C	KAPOWSIN	Y	2	3	2	1	100	19141	16		11	25	0.2	2	6	15	75	250	0.582	3.735	7.273	3.200	0.640	9.338
19D	KAPOWSIN	Y	2	3	2	1	100	3421	16		11	25	0.2	2	15	30	75	110	2.046	6.154	7.273	3.200	2.251	15.385
19E	KAPOWSIN	N	2	3	2	1	100	1722	16		11	25	0.2	2	30	50	75	80	5.081	9.420	7.273	3.200	5.589	23.550
19F	KAPOWSIN	N	2	3	1	1	100	2261	16		11	25	0.2	2	50	70	75	80	9.121	12.769	7.273	3.200	10.033	31.922
19F	KAPOWSIN	N	2	3	1	1	100	652	16		11	25	0.2	2	50	70	75	80	9.121	12.769	7.273	3.200	10.033	31.922
19F	KITSAP	N	2	3	3	1	100	2261	40		11	30	0.32	5	30	65	75		5.081	0.000	11.364	4.167	3.577	0.000
19F	KITSAP	N	2	3	3	1	100	652	40		11	30	0.32	5	30	65	75		5.081	0.000	11.364	4.167	3.577	0.000
1B	ALDERWOOD	Y	2	3	3	1	100	16635	16		11	20	0.15	2	0	6	75	100	0.065	0.672	9.697	5.333	0.054	1.008
1C	ALDERWOOD	Y	2	3	3	1	100	22709	16		11	20	0.15	2	6	15	75	200	0.582	3.341	9.697	5.333	0.480	5.011
1D	ALDERWOOD	Y	2	3	2	1	100	6977	16		11	20	0.15	2	15	30	75	100	2.046	5.867	9.697	5.333	1.688	8.800
20B	KITSAP	Y	2	3	3	1	100	2288	40		11	30	0.32	5	2	8	75	100	0.184	0.990	11.364	4.167	0.130	1.901
20C	KITSAP	Y	2	3	3	1	100	2678	40		11	30	0.32	5	8	15	75	200	0.857	3.341	11.364	4.167	0.603	6.415
20D	KITSAP	Y	2	3	2	1	100	1444	40		11	30	0.32	5	15	30	75	150	2.046	7.186	11.364	4.167	1.440	13.797
21F	KITSAP	N	2	3	2	1	55	650.1	40		11	30	0.32	5	45	70	75	80	8.165	12.769	11.364	4.167	5.748	24.517
21F	INDIANOLA	N	2	3	2	2	30	354.6	40		11	30	0.15	5	45	70	75	80	8.165	12.769	24.242	8.889	2.694	11.492
22A	MCKENNA	Y	2	3	3	1	100	3267	24		11	25	0.24	3	0	3	75	100	0.065	0.287	9.091	4.000	0.057	0.574
23A	NATIONAL	Y	2	3	3	1	100	2919	40		43	51	0.15	5	0	3	75	100	0.065	0.287	6.202	5.229	0.084	0.439
24D	NEILTON	Y	2	3	2	1	100	4757	16		11	35	0.15	2	8	25	75	200	0.857	6.586	9.697	3.048	0.707	17.288
25A	NISQUALLY	Y	2	3	3	1	100	1036	40		11	25	0.2	5	2	6	75	150	0.184	0.823	18.182	8.000	0.081	0.823
26A	NORMA	Y	2	3	3	1	100	2991	40		11	35	0.32	5	0	3	75	200	0.065	0.353	11.364	3.571	0.046	0.791
27A	ORTING	Y	2	3	3	1	100	206	40		11	30	0.37	5	0	3	75	80	0.065	0.268	9.828	3.604	0.053	0.595
28A	ORTING	Y	2	3	3	1	100	3435	40		11	30	0.37	5	0	3	75	80	0.065	0.268	9.828	3.604	0.053	0.595
29A	PILCHUCK	Y	2	3	3	1	100	4732	0.299	134	11	39	0.2	5	0	3	75	80	0.065	0.268	18.182	5.128	0.029	0.418
2A	AQUIC XEROFLUENTS	Y	2	3	3	1	100	3298	40		11	51	0.32	5	0	3	75	100	0.065	0.287	11.364	2.451	0.046	0.937
30A	PUGET	Y	2	3	3	1	100	632	40		14	30	0.28	5	0	2	75	150	0.065	0.227	10.204	4.762	0.051	0.381
31A	PUYALLUP	Y	2	3	3	1	100	8350	40		14	30	0.28	5	0	3	75	80	0.065	0.268	10.204	4.762	0.051	0.450

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Map Symbol	Soil Name	Crop	Eq.	HEL Wind	HEL Water	HEL Seq	%	Acres	C	I	R Min	R Max	K	T	Slope Percent Min	Slope Percent Max	Slope Length Min	Slope Length Max	LS-Value Min	LS-Value Max	8T/RK Min	8T/RK Max	EI Min	EI Max
32B	RAGNAR	Y	2	3	3	1	100	1196	24		14	30	0.32	3	0	6	75	150	0.065	0.823	5.357	2.500	0.097	2.634
32C	RAGNAR	N	2	3	2	1	100	290	24		14	30	0.32	3	6	15	75	200	0.582	3.341	5.357	2.500	0.869	10.691
33A	REED	Y	2	3	3	1	100	255	40		25	33	0.24	5	0	2	75	80	0.065	0.188	6.667	5.051	0.078	0.298
34A	RIVERWASH	N	2	3	3	1	100	1337	0		11	30					75		ERROR	ERROR	ERROR	ERROR	0.000	0.000
35F	ROCK OUTCROP	N	2	3	3	1	100	521	0		11	30					75		ERROR	ERROR	ERROR	ERROR	0.000	0.000
36C	SCAMMAN	Y	2	3	3	1	100	4895	40		30	47	0.32	5	6	15	75	100	0.582	2.362	4.167	2.660	1.117	7.105
36D	SCAMMAN	Y	2	3	2	1	100	1727	40		30	47	0.32	5	15	30	75	200	2.046	8.297	4.167	2.660	3.928	24.957
36E	SCAMMAN	N	2	3	1	1	100	1440	40		30	47	0.32	5	30	45	75	300	5.081	16.330	4.167	2.660	9.756	49.121
36F	SCAMMAN	N	2	3	1	1	100	461	40		30	47	0.32	5	45	70	75	200	8.165	20.190	4.167	2.660	15.677	60.731
37A	SEMIAHMOO	Y	2	3	3	1	100	976	40		11	30		5	0	1	75	80	0.065	0.121	ERROR	ERROR	0.000	0.000
38A	SHALCAR	Y	2	3	3	1	100	651	40		11	25		5	0	1	75	100	0.065	0.129	ERROR	ERROR	0.000	0.000
39A	SNOHOMISH	Y	2	3	3	1	100	1033	24		11	25	0.32	3	0	2	75	150	0.065	0.227	6.818	3.000	0.076	0.605
3B	BARNESTON	Y	2	3	3	1	100	3569	8		25	43	0.15	1	0	6	75	300	0.065	1.163	2.133	1.240	0.244	7.501
3C	BARNESTON	Y	2	3	2	1	100	7565	8		25	43	0.15	1	6	15	75	510	0.582	5.335	2.133	1.240	2.183	34.411
3D	BARNESTON	Y	2	3	2	1	100	1376	8		25	43	0.15	1	15	30	75	375	2.046	11.362	2.133	1.240	7.673	73.285
3E	BARNESTON	N	2	3	1	1	100	1896	8		25	43	0.15	1	30	45	75	320	5.081	16.866	2.133	1.240	15.054	108.786
40A	SPANAN	Y	2	3	3	1	100	1157	40		11	25	0.37	5	0	2	75	75	0.065	0.184	9.828	4.324	0.053	0.340
41A	SPANAWAY	Y	2	3	3	1	100	31744	16		11	25	0.15	2	0	6	75	150	0.065	0.823	9.697	4.267	0.054	1.543
42A	SULTAN	Y	2	3	3	1	100	5083	40		11	30	0.37	5	0	2	75	100	0.065	0.201	9.828	3.604	0.053	0.446
43A	TACOMA	Y	2	3	3	1	100	266	40		11	25	0.28	5	0	1	75	175	0.065	0.153	12.987	5.714	0.040	0.214
44A	TANWAX	Y	2	3	3	1	100	481	40		11	43		5	0	1	75	75	0.065	0.118	ERROR	ERROR	0.000	0.000
45A	TISCH	Y	2	3	3	1	100	2915	40		11	35	0.28	5	0	1	75	75	0.065	0.118	12.987	4.082	0.040	0.231
46C	WILKESON	Y	2	3	3	1	100	494	40		43	51	0.2	5	6	15	75	100	0.582	2.362	4.651	3.922	1.001	4.818
46D	WILKESON	Y	2	3	2	1	100	769	40		43	51	0.2	5	15	30	75	200	2.046	8.297	4.651	3.922	3.519	16.926
46E	WILKESON	N	2	3	1	1	100	1387	40		43	51	0.2	5	30	45	75	150	5.081	11.547	4.651	3.922	8.739	23.556
46F	WILKESON	N	2	3	1	1	100	1593	40		43	51	0.2	5	45	65	75	200	8.165	19.020	4.651	3.922	14.044	38.801
47F	XEROCHREPTS	N	2	3	2	1	100	7287	40		11	30	0.15	5	45	70	75	100	8.165	14.277	24.242	8.889	2.694	12.849
48A	XEROCHREPTS	N	2	3	3	1	100	1404	0		11	30					75	75	ERROR	ERROR	ERROR	ERROR	0.000	0.000
4A	BELLINGHAM	Y	2	3	3	1	100	3459	40		11	25	0.28	5	0	2	75	85	0.065	0.191	12.987	5.714	0.040	0.267
5B	BOW VARIANT	Y	2	3	3	1	100	978	40		11	30	0.37	5	2	8	75	100	0.184	0.990	9.828	3.604	0.150	2.198
5C	BOW VARIANT	Y	2	3	3	1	100	4151	40		11	30	0.37	5	8	15	75	200	0.857	3.341	9.828	3.604	0.698	7.417
5D	BOW VARIANT	Y	2	3	2	1	100	908	40		11	30	0.37	5	15	30	75	150	2.046	7.186	9.828	3.604	1.665	15.953
6A	BRISCOT	Y	2	3	3	1	100	3305	40		11	30	0.32	5	0	2	75	80	0.065	0.188	11.364	4.167	0.046	0.361
7A	NEWBERG	Y	2	3	3	1	100	775	40		11	30	0.32	5	0	3	75	80	0.065	0.268	11.364	4.167	0.046	0.515
8A	BUCKLEY	Y	2	3	3	1	100	10805	16		25	35	0.32	2	0	2	75	75	0.065	0.184	2.000	1.429	0.260	1.030
9A	CHEHALIS	Y	2	3	3	1	100	376	40		14	30	0.32	5	0	3	75	75	0.065	0.263	8.929	4.167	0.058	0.505