

**YAKIMA NATION IRREGATED AREA**  
 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  
 0.1 0.5 0.3

3/13/87

Muid	Map Symbol	Soil Name	Crop	Eq.	HEL		Seq	%	Acres	C	I	R		K	T	Slope Percent		Slope Length		LS-Value		8T/RK	8T/RK	EI	EI
					Wind	Water						Min	Max			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
77800021	21	URBAN LAND & GRAV	N	1	3	3	1	100	2000	0		10	10					75	666	ERROR	ERROR	ERROR	ERROR	0.000	0.000
778AHA	AHA	AHTANUM	Y	1	2	3	1	100	4930	0.186	86	10	10	0.49	2	0	2	75	800	0.000	1.161	3.265	3.265	0.000	2.844
778AHB	AHB	AHTANUM	Y	1	2	3	1	100	320	0.186	86	10	10	0.49	2	2	5	75	800	0.356	2.203	3.265	3.265	0.872	5.397
778ASA	ASA	ASHUE	Y	1	2	3	1	100	19110	0.286	56	10	10	0.37	2	0	2	75	1300	0.000	1.480	4.324	4.324	0.000	2.738
778ASB	ASB	ASHUE	Y	1	2	3	1	100	2050	0.286	56	10	10	0.37	2	2	5	75	1200	0.356	2.698	4.324	4.324	0.659	4.991
778AUA	AUA	ASHUE	Y	1	2	3	1	100	1530	0.286	56	10	10	0.24	2	0	2	75	500	0.000	0.918	6.667	6.667	0.000	1.102
778AUB	AUB	ASHUE	Y	1	2	3	1	100	560	0.286	56	10	10	0.24	2	2	5	75	500	0.356	1.741	6.667	6.667	0.427	2.089
778ESA	ESA	ESQUATZEL	Y	1	2	3	1	100	1220	0.465	86	10	10	0.37	5	0	2	75	1050	0.000	1.330	10.811	10.811	0.000	0.984
778ETA	ETA	ESQUATZEL	Y	1	3	3	1	100	10970	0.714	56	10	10	0.43	5	0	2	75	1240	0.000	1.446	9.302	9.302	0.000	1.244
778ETB	ETB	ESQUATZEL	Y	1	3	3	1	100	710	0.714	56	10	10	0.43	5	2	5	75	700	0.356	2.060	9.302	9.302	0.306	1.772
778FD	FD	FIANDER	Y	1	2	3	1	100	1130	0.299	134	10	10	0.32	5	2	5	75	300	0.356	1.349	12.500	12.500	0.228	0.863
778FE	FE	FIANDER	Y	1	2	3	1	100	2290	0.465	86	10	10	0.37	5	0	2	75	300	0.000	0.711	10.811	10.811	0.000	0.526
778FN	FN	FIANDER	Y	1	2	3	1	100	520	0.465	86	10	10	0.28	5	0	2	75	200	0.000	0.581	14.286	14.286	0.000	0.325
778HEA	HEA	HEZEL	Y	1	2	3	1	100	1730	0.299	134	10	10	0.24	5	0	2	75	1150	0.000	1.392	16.667	16.667	0.000	0.668
778HED	HED	HEZEL	Y	1	2	3	1	100	1180	0.299	134	10	10	0.24	5	2	15	75	1000	0.356	5.251	16.667	16.667	0.171	2.520
778KS	KS	KITTITAS	Y	1	2	3	1	100	8160	0.465	86	10	10	0.43	5	0	2	75	600	0.000	1.006	9.302	9.302	0.000	0.865
778KT	KT	KITTITAS	Y	1	2	3	1	100	2160	0.465	86	10	10	0.32	5	0	2	75	300	0.000	0.711	12.500	12.500	0.000	0.455
778LG	LG	LOGY	Y	1	2	3	1	100	1700	0.286	56	10	10	0.37	2	0	5	75	200	0.000	1.101	4.324	4.324	0.000	2.037
778LO	LO	LOGY	Y	1	2	3	1	100	3210	0.333	48	10	10	0.32	2	0	5	75	150	0.000	0.954	5.000	5.000	0.000	1.526
778NAA	NAA	NACHES	Y	1	2	3	1	100	19410	0.286	56	10	10	0.32	2	0	2	75	700	0.000	1.086	5.000	5.000	0.000	1.738
778NAB	NAB	NACHES	Y	1	2	3	1	100	240	0.286	56	10	10	0.32	2	2	5	75	700	0.356	2.060	5.000	5.000	0.570	3.296
778ONA	ONA	ONYX VARIANT	Y	1	3	3	1	100	5030	0.714	56	10	10	0.43	5	0	2	75	800	0.000	1.161	9.302	9.302	0.000	0.998
778ONB	ONB	ONYX VARIANT	Y	1	3	3	1	100	840	0.714	56	10	10	0.43	5	2	5	75	800	0.356	2.203	9.302	9.302	0.306	1.895
778QUA	QUA	QUINCY	Y	1	2	3	1	100	880	0.299	134	10	10	0.32	5	0	2	75	1300	0.000	1.480	12.500	12.500	0.000	0.947
778QUD	QUD	QUINCY	Y	1	2	3	1	100	2390	0.299	134	10	10	0.32	5	2	15	75	450	0.356	3.522	12.500	12.500	0.228	2.254
778RTB	RTB	RITZVILLE	Y	1	3	3	1	100	860	0.714	56	10	25	0.43	5	2	5	75	700	0.356	2.060	9.302	9.302	0.306	4.429
778RTC	RTC	RITZVILLE	Y	1	3	3	1	100	1450	0.714	56	10	25	0.43	5	5	8	75	875	0.674	3.194	9.302	9.302	0.580	6.867
778RTD	RTD	RITZVILLE	Y	1	3	3	1	100	780	0.714	56	10	25	0.43	5	8	15	75	300	0.935	2.876	9.302	9.302	0.804	6.183
778RTE	RTE	RITZVILLE	Y	1	3	2	1	100	230	0.714	56	10	25	0.43	5	15	30	75	300	1.438	4.496	9.302	9.302	1.237	9.666
778RTF	RTF	RITZVILLE	Y	1	3	2	1	100	350	0.714	56	10	25	0.43	5	30	65	75	250	2.248	6.011	9.302	9.302	1.933	12.924
778RUC	RUC	RITZVILLE VARIANT	Y	1	3	3	1	100	420	0.714	56	10	25	0.49	5	5	8	75	560	0.674	2.555	8.163	3.265	0.661	6.260
778RUD	RUD	RITZVILLE VARIANT	Y	1	3	2	1	100	300	0.714	56	10	25	0.49	5	8	15	75	600	0.935	4.067	8.163	3.265	0.916	9.964
778RVE	RVE	ROCK CREEK	Y	1	2	2	1	100	1500	0.167	48	10	25	0.24	1	0	20	75	200	0.000	2.843	3.333	1.333	0.000	17.058
778SHA	SHA	SHANO	Y	1	3	3	1	100	240	0.714	56	10	10	0.43	5	0	2	75	700	0.000	1.086	9.302	9.302	0.000	0.934
778SHB	SHB	SHANO	Y	1	3	3	1	100	4220	0.714	56	10	10	0.43	5	2	5	75	800	0.356	2.203	9.302	9.302	0.306	1.895
778SHC	SHC	SHANO	Y	1	3	3	1	100	5530	0.714	56	10	10	0.43	5	5	8	75	1045	0.674	3.490	9.302	9.302	0.580	3.001
778SHD	SHD	SHANO	Y	1	3	3	1	100	2780	0.714	56	10	10	0.43	5	8	15	75	700	0.935	4.393	9.302	9.302	0.804	3.778
778SHE	SHE	SHANO	Y	1	3	3	1	100	300	0.714	56	10	10	0.43	5	15	30	75	600	1.438	6.359	9.302	9.302	1.237	5.469
778SMA	SMA	SIMCOE	Y	1	2	3	1	100	730	0.286	56	10	25	0.43	2	0	2	75	500	0.000	0.918	3.721	1.488	0.000	4.934
778SMB	SMB	SIMCOE	Y	1	2	2	1	100	690	0.286	56	10	25	0.43	2	2	5	75	600	0.356	1.908	3.721	1.488	0.765	10.255
778SMC	SMC	SIMCOE	Y	1	2	2	1	100	180	0.286	56	10	25	0.43	2	5	8	75	500	0.674	2.414	3.721	1.488	1.449	12.975
778SN	SN	STANFIELD	Y	1	2	3	1	100	320	0.279	86	10	10	0.28	3	0	2	75	700	0.000	1.086	8.571	8.571	0.000	1.014
778STA	STA	STANFIELD	Y	1	2	3	1	100	1780	0.279	86	10	10	0.43	3	0	2	75	700	0.000	1.086	5.581	5.581	0.000	1.557
778STB	STB	STANFIELD	Y	1	2	3	1	100	500	0.279	86	10	10	0.43	3	2	3	75	300	0.356	0.944	5.581	5.581	0.510	1.353
778TOA	TOA	TOPPENISH	Y	1	2	3	1	100	12050	0.279	86	10	10	0.37	3	0	2	75	400	0.000	0.821	6.486	6.486	0.000	1.013

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Muid	Map Symbol	Soil Name	Crop	Eq.	HEL HEL				Acres	C	I	R		K	T	Slope Percent		Slope Length		LS-Value		8T/RK		EI	
					Wind	Water	Seq	%				Min	Max			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
778TOB	TOB	TOPPENISH	Y	1	2	3	1	100	520	0.279	86	10	10	0.37	3	2	5	75	400	0.356	1.558	6.486	6.486	0.439	1.922
778TP	TP	TOPPENISH	Y	1	2	3	1	100	7000	0.279	86	10	10	0.28	3	0	2	75	300	0.000	0.711	8.571	8.571	0.000	0.664
778TR	TR	TRACK	Y	1	2	3	1	100	5010	0.186	86	10	10	0.37	2	0	2	75	200	0.000	0.581	4.324	4.324	0.000	1.075
778TS	TS	TRACK	Y	1	2	3	1	100	410	0.286	56	10	10	0.28	2	0	2	75	200	0.000	0.581	5.714	5.714	0.000	0.813
778TT	TT	TRACK	Y	1	2	3	1	100	430	0.186	86	10	10	0.32	2	0	2	75	200	0.000	0.581	5.000	5.000	0.000	0.930
778UM	UM	UMAPINE	Y	1	2	3	1	100	12610	0.465	86	10	10	0.37	5	0	2	75	1200	0.000	1.422	10.811	10.811	0.000	1.052
778WAA	WAA	WAHTUM	Y	1	2	3	1	100	1160	0.372	86	10	10	0.37	4	0	2	75	1400	0.000	1.536	8.649	8.649	0.000	1.421
778WAB	WAB	WAHTUM	Y	1	2	3	1	100	310	0.372	86	10	10	0.37	4	2	5	75	700	0.356	2.060	8.649	8.649	0.329	1.905
778WD	WD	WAHTUM VARIANT	Y	1	2	3	1	100	660	0.465	86	10	10	0.37	5	0	5	75	500	0.000	1.741	10.811	10.811	0.000	1.288
778WEA	WEA	WARDEN	Y	1	2	3	1	100	1100	0.465	86	10	10	0.43	5	0	2	75	600	0.000	1.006	9.302	9.302	0.000	0.865
778WEB	WEB	WARDEN	Y	1	2	3	1	100	560	0.465	86	10	10	0.43	5	2	5	75	430	0.356	1.615	9.302	9.302	0.306	1.389
778WEC	WEC	WARDEN	Y	1	2	3	1	100	200	0.465	86	10	10	0.43	5	5	8	75	800	0.674	3.054	9.302	9.302	0.580	2.626
778WFA	WFA	WARDEN	Y	1	3	3	1	100	12010	0.714	56	10	10	0.43	5	0	2	75	1275	0.000	1.466	9.302	9.302	0.000	1.261
778WFB	WFB	WARDEN	Y	1	3	3	1	100	11710	0.714	56	10	10	0.43	5	2	5	75	1000	0.356	2.463	9.302	9.302	0.306	2.118
778WFC	WFC	WARDEN	Y	1	3	3	1	100	7160	0.714	56	10	10	0.43	5	5	8	75	9656	0.674	3.354	9.302	9.302	0.580	2.884
778WFD	WFD	WARDEN	Y	1	3	3	1	100	3110	0.714	56	10	10	0.43	5	8	15	75	200	0.935	2.348	9.302	9.302	0.804	2.019
778WFE	WFE	WARDEN	Y	1	3	3	1	100	1430	0.714	56	10	10	0.43	5	15	30	75	200	1.438	3.671	9.302	9.302	1.237	3.157
778WM	WM	WEIRMAN	Y	1	2	3	1	100	3440	0.186	86	10	10	0.28	2	0	2	75	700	0.000	1.086	5.714	5.714	0.000	1.520
778WN	WN	WEIRMAN	Y	1	2	3	1	100	2060	0.286	56	10	10	0.17	2	0	5	75	600	0.000	1.908	9.412	9.412	0.000	1.622
778WOA	WOA	WEIRMAN	Y	1	2	3	1	100	3710	0.186	86	10	10	0.28	2	0	2	75	250	0.000	0.649	5.714	5.714	0.000	0.909
778WOB	WOB	WEIRMAN	Y	1	2	3	1	100	1310	0.186	86	10	10	0.28	2	2	5	75	300	0.356	1.349	5.714	5.714	0.498	1.889
778WR	WR	WEIRMAN	Y	1	2	3	1	100	740	0.286	56	10	10	0.43	2	0	2	75	200	0.000	0.581	3.721	3.721	0.000	1.249
778WSA	WSA	WHITE SWAN	Y	1	2	3	1	100	1590	0.465	86	10	10	0.32	5	0	2	75	150	0.000	0.503	12.500	12.500	0.000	0.322
778WSB	WSB	WHITE SWAN	Y	1	2	3	1	100	3980	0.465	86	10	10	0.32	5	2	5	75	300	0.356	1.349	12.500	12.500	0.228	0.863
778WSC	WSC	WHITE SWAN	Y	1	2	3	1	100	480	0.465	86	10	10	0.32	5	5	8	75	250	0.674	1.707	12.500	12.500	0.431	1.092
778YA	YA	YAKIMA VARIANT	Y	1	2	3	1	100	1500	0.286	56	10	10	0.37	2	0	3	75	300	0.000	0.944	4.324	4.324	0.000	1.746
778YO	YO	YOST	Y	1	2	3	1	100	2250	0.465	86	10	10	0.2	5	0	2	75	300	0.000	0.711	20.000	20.000	0.000	0.284
778ZH	ZH	ZILLAH	Y	1	3	3	1	100	3050	0.571	56	10	10	0.37	4	0	2	75	400	0.000	0.821	8.649	8.649	0.000	0.759
778ZN	ZN	ZILLAH	Y	1	3	3	1	100	3030	0.571	56	10	10	0.37	4	0	5	75	500	0.000	1.741	8.649	8.649	0.000	1.610