

STEVENS COUNTY ERODIBILITY INDEX VALUES

FEBRUARY 19, 1988

AVERAGE ANNUAL PRECIPITATION (IN.)

MAP SYMBOL	SOIL NAME	ACRES	K	T	L (FT)	SLOPE (%)	AVG. SLOPE (%)	AVG. SLOPE (%)	STD. DEVIATION (%)	PPT. RANGE (IN.)	AVERAGE ANNUAL PRECIPITATION (IN.)									
											14	15	16	17	18	19	20	21	22+	R-FACTOR (MLRA B-8, B-9)
											35	39	43	47	51	54	57	59	62	
											AVERAGE ERODIBILITY INDEX (EI)									
1*	Ahren 2-20%	1498								22-32										
	2-8%		0.32	5	600	300	5	1.35			3	3	4	4	4	5	5	5	5	5
	8-15%		0.32	5	600	300	12	2.47			6	6	7	7	8	9	9	9	9	10
	15-20%		0.32	5	600	300	18	3.25			7	8	9	10	11	11	12	12	13	
2*	Ahren 20-40%	962								22-32										
	20-30%		0.32	5	500	300	25	4.02			9	10	11	12	13	14	15	15	16	
	30-40%		0.32	5	500	250	35	4.49			10	11	12	14	15	16	16	17	18	
5*	Aits 0-15%	13782								22-35										
	0-8%		0.32	4	600	300	4	1.15			3	4	4	4	5	5	5	5	5	6
	8-15%		0.32	4	600	300	12	2.47			7	8	8	9	10	11	11	12	12	
6	Aits 15-25%	19747	0.32	4	425	300	20	3.48	22-35		10	11	12	13	14	15	16	16	17	
7	Aits 25-40%	20648	0.32	4	400	250	33	4.34	22-35		12	14	15	16	18	19	20	20	22	
9	Aits, stony 0-40%	56534								22-35										
	0-8%*		0.24	4	600	300	4	1.15			2	3	3	3	4	4	4	4	4	
	8-15%*		0.24	4	600	300	12	2.47			5	6	6	7	8	8	8	8	9	9
	15-30%		0.24	4	600	300	23	3.81			8	9	10	11	12	12	13	13	14	
	30-40%		0.24	4	600	250	35	4.49			9	11	12	13	14	15	15	16	17	
13*	Aquolls 5-40%	1595								20-30										
	5-15%		0.32	5	300	150	10	1.54			3	4	4	5	5	5	6	6	6	
	15-30%		0.32	5	300	150	23	2.70			6	7	7	8	9	9	10	10	11	
	30-40%		0.32	5	300	150	35	3.48			8	9	10	10	11	12	13	13	14	
14*	Belzar 5-25%	850								20-35										
	5-15%		0.28	2	600	300	10	2.18			11	12	13	14	16	16	17	18	19	
	15-25%		0.28	2	600	300	20	3.48			17	19	21	23	25	26	28	29	30	
21	Bernhill 0-15%	14720								15-25										
	0-8%		0.43	5	400	300	4	1.15			3	4	4	5	5	5	6	6	6	
	8-15%		0.43	5	400	300	12	2.47			7	8	9	10	11	11	12	13	13	
22	Bernhill 15-25%	5652	0.43	5	400	300	20	3.48	18-25		10	12	13	14	15	16	17	18	19	
23*	Bernhill 25-40%	13054	0.43	5	400	300	33	4.34	18-25		13	15	16	18	19	20	21	22	23	
27	Bestrom 0-15%	1208								18-21										
	0-8%		0.37	2	400	300	4	1.15			7	8	9	10	11	11	12	13	13	
	8-15%		0.37	2	400	300	12	2.47			16	18	20	21	23	25	26	27	28	
28*	Bestrom 15-25%	1172	0.37	2	400	300	20	3.48	18-21		23	25	28	30	33	35	37	38	40	
30	Bisbee 0-15%	12139								17-20										
	0-8%		0.32	5	400	300	4	1.15			3	3	3	3	4	4	4	4	5	
	8-15%		0.32	5	400	300	12	2.47			6	6	7	7	8	9	9	9	10	
31*	Bisbee 25-45%	4784	0.32	5	400	250	35	4.49	17-20		10	11	12	14	15	16	16	17	18	
32	Bong 0-15%	229								15-18										
	0-8%		0.32	3	400	300	4	1.15			4	5	5	6	6	7	7	7	8	
	8-15%		0.32	3	400	300	12	2.47			9	10	11	12	13	14	15	16	16	
33*	Bong 15-25%	900	0.32	3	350	250	20	3.18	15-18		12	13	15	16	17	18	19	20	21	
35*	Bonner 0-10%	31901	0.32	2	400	300	5	1.35	18-25		8	8	9	10	11	12	12	13	13	
36*	Bonner cb, 0-10%	13922	0.20	2	400	300	5	1.35	18-25		5	5	6	6	7	7	8	8	8	
37*	Bossburg 0-3%	3685	0.00	5	450	300	1	0.44	18-25		0	0	0	0	0	0	0	0	0	
39*	Bridgeson 0-3%	1854	0.32	5	350	300	2	0.71	18-22		2	2	2	2	2	2	3	3	3	

MAP SYMBOL	SOIL NAME	ACRES	K	T	MAX. SLOPE		AVG. SLOPE		STD. RANGE	PPT. (IN.)	AVERAGE ANNUAL PRECIPITATION (IN.)											
					L (FT)	L (FT)	L (%)	L (%)			R-FACTOR (MLRA B-8, B-9)											
											14	15	16	17	18	19	20	21	22+			
										35	39	43	47	51	54	57	59	62				
											AVERAGE ERODIBILITY INDEX (EI)											
	0-15%		0.43	2	400	300	12	2.47			19	21	23	25	27	29	30	31	33			
	15-25%		0.43	2	400	300	20	3.48			26	29	32	35	38	40	43	44	46			
79*	Dragoon 25-45%	6678	0.43	2	350	250	35	4.49	18-21		34	38	42	45	49	52	55	57	60			
80*	Eloika 0-15%	9305							22-28													
	0-8%		0.32	3	500	300	4	1.15			4	5	5	6	6	7	7	7	8			
	8-15%		0.32	3	500	300	12	2.47			9	10	11	12	13	14	15	16	16			
83*	Garrison 0-5%	4881	0.32	2	500	300	3	0.94	18-25		5	6	6	7	8	8	9	9	9			
84*	Garrison 5-15%	2654	0.32	2	500	300	10	2.18	18-25		12	14	15	16	18	19	20	21	22			
85*	Garrison gr-l, 0-5%	1193	0.17	2	500	300	3	0.94	18-25		3	3	3	4	4	4	5	5	5			
86*	Greenbluff 0-5%	15674	0.32	5	500	300	3	0.94	18-22		2	2	3	3	3	3	3	4	4			
87*	Greenbluff 5-15%	11450	0.32	5	500	300	10	2.18	18-22		5	5	6	7	7	8	8	8	9			
88*	Hagen 0-15%	6021							18-20													
	0-8%		0.24	3	500	300	4	1.15			3	4	4	4	5	5	5	5	6			
	8-15%		0.24	3	500	300	12	2.47			7	8	8	9	10	11	11	12	12			
89*	Hagen 15-40%	1548							18-20													
	15-30%		0.24	3	400	250	23	3.48			10	11	12	13	14	15	16	16	17			
	30-40%		0.24	3	400	250	35	4.49			13	14	15	17	18	19	20	21	22			
90*	Hardesty 0-5%	2580	0.43	5	500	300	3	0.94	16-22		3	3	3	4	4	4	5	5	5			
91	Hartill 0-15%	200							22-35													
	0-8%		0.32	2	500	300	4	1.15			6	7	8	9	9	10	10	11	11			
	8-15%		0.32	2	500	300	12	2.47			14	15	17	19	20	21	23	23	25			
92*	Hartill 15-25%	1146	0.32	2	500	300	20	3.48	22-35		19	22	24	26	28	30	32	33	35			
93*	Hartill 25-40%	4800	0.32	2	400	250	33	4.34	22-35		24	27	30	33	35	37	40	41	43			
95	Hesseltine 0-8%	2899	0.32	2	500	300	4	1.15	17-22		6	7	8	9	9	10	10	11	11			
96	Hesseltine stony 0-15%	4587							17-22													
	0-8%		0.24	2	400	250	4	1.05			4	5	5	6	6	7	7	7	8			
	8-15%		0.24	2	400	250	12	2.26			9	11	12	13	14	15	15	16	17			
99*	Hodgson 0-3%	1841	0.37	5	500	300	2	0.71	16-20		2	2	2	2	3	3	3	3	3			
100*	Hodgson 3-15%	4603							16-20													
	3-8%		0.37	5	450	300	6	1.53			4	4	5	5	6	6	6	7	7			
	8-15%		0.37	5	450	300	12	2.47			6	7	8	9	9	10	10	11	11			
101*	Hodgson 15-25%	602	0.37	5	400	250	20	3.18	16-20		8	9	10	11	12	13	13	14	15			
102*	Hodgson 25-40%	351	0.37	5	400	250	33	4.34	16-20		11	13	14	15	16	17	18	19	20			
108*	Hunters 0-5%	1825	0.43	5	500	300	3	0.94	15-18		3	3	3	4	4	4	5	5	5			
109*	Hunters 5-15%	1475	0.43	5	500	300	10	2.18	15-18		7	7	8	9	10	10	11	11	12			
110	Inkler 0-20%	987							25-35													
	0-8%*		0.32	5	500	300	4	1.15			3	3	3	3	4	4	4	4	5			
	8-15%*		0.32	5	500	300	12	2.47			6	6	7	7	8	9	9	9	10			
	15-20%		0.32	5	500	300	18	3.25			7	8	9	10	11	11	12	12	13			
111	Inkler 20-40%	1057							22-35													
	20-30%		0.28	5	400	250	25	3.67			7	8	9	10	10	11	12	12	13			
	30-40%		0.28	5	400	250	35	4.49			9	10	11	12	13	14	14	15	16			
115*	Kegel 0-3%	2437	0.32	3	400	200	1	0.36	20-35		1	1	2	2	2	2	2	2	2			
116*	Kiehl 0-20%	1570							25-28													
	0-8%		0.20	2	450	300	4	1.15			4	4	5	5	6	6	7	7	7			
	8-15%		0.20	2	450	300	12	2.47			9	10	11	12	13	13	14	15	15			

MAP SYMBOL	SOIL NAME	ACRES	K	T	SLOPE			STD. LS	PPT. RANGE (IN.)	AVERAGE ANNUAL PRECIPITATION (IN.)											
					L (FT)	L (FT)	%			14	15	16	17	18	19	20	21	22+			
										R-FACTOR (MLRA 8-8, 8-9)											
										AVERAGE ERODIBILITY INDEX (EI)											
	15-20%		0.20	2	450	300	18	3.25		11	13	14	15	17	18	19	19	20			
118*	Koerling 0-5%	3563	0.37	5	500	300	3	0.94	16-18	2	3	3	3	4	4	4	4	4			
119*	Koerling 5-15%	3941	0.37	5	500	300	10	2.18	16-18	6	6	7	8	8	9	9	10	10			
121*	Konner 0-3%	1021	0.28	5	450	250	2	0.65	16-22	1	1	2	2	2	2	2	2	2			
122*	Konner 0-3%, drained	1617	0.28	5	450	250	2	0.65	16-22	1	1	2	2	2	2	2	2	2			
123*	Koseth 15-40%	890							15-30												
	15-30%		0.37	5	450	250	23	3.48		9	10	11	12	13	14	15	15	16			
	30-40%		0.37	5	450	250	35	4.49		12	13	14	16	17	18	19	20	21			
126*	Laketon 0-5%	1787	0.37	5	500	300	3	0.94	20-26	2	3	3	3	4	4	4	4	4			
127*	Laketon 5-15%	2138	0.37	5	500	300	10	2.18	20-26	6	6	7	8	8	9	9	10	10			
128*	Leadpoint 0-25%	780							22-32												
	0-8%		0.43	2	450	300	4	1.15		9	10	11	12	13	13	14	15	15			
	8-15%		0.43	2	450	300	12	2.47		19	21	23	25	27	29	30	31	33			
	15-25%		0.43	2	450	300	20	3.48		26	29	32	35	38	40	43	44	46			
137*	Manley 0-20%	1096							25-45												
	0-8%		0.32	3	450	300	4	1.15		4	5	5	6	6	7	7	7	8			
	8-15%		0.32	3	450	300	12	2.47		9	10	11	12	13	14	15	16	16			
	15-20%		0.32	3	450	300	18	3.25		12	14	15	16	18	19	20	20	21			
142*	Marble 5-25%	8286							15-20												
	5-15%		0.20	5	400	250	10	1.99		3	3	3	4	4	4	5	5	5			
	15-25%		0.20	5	400	250	20	3.18		4	5	5	6	6	7	7	8	8			
143*	Martella 0-5%	2979	0.37	5	500	300	3	0.94	20-30	2	3	3	3	4	4	4	4	4			
144*	Martella 5-15%	10007	0.37	5	500	300	10	2.18	20-30	6	6	7	8	8	9	9	10	10			
145*	Martella 15-25%	2353	0.37	5	450	250	20	3.48	20-30	9	10	11	12	13	14	15	15	16			
154*	Molcal 0-8%	948	0.37	5	500	300	4	1.15	14-20	3	3	4	4	4	5	5	5	5			
155*	Molcal 8-15%	2167	0.37	5	500	300	12	2.47	14-20	6	7	8	9	9	10	10	11	11			
156*	Molcal gr, 0-25%	877							14-20												
	0-8%		0.24	5	500	300	4	1.15		2	2	2	3	3	3	3	3	3			
	8-15%		0.24	5	500	300	12	2.47		4	5	5	6	6	6	7	7	7			
	15-25%		0.24	5	500	300	20	3.48		6	7	7	8	9	9	10	10	10			
157*	Molcal gr, 25-40%	418	0.24	5	400	250	33	4.34	14-20	7	8	9	10	11	11	12	12	13			
159	Moscow 0-25%	5113							22-35												
	0-8%		0.37	2	500	300	4	1.15		7	8	9	10	11	11	12	13	13			
	8-15%		0.37	2	500	300	12	2.47		16	18	20	21	23	25	26	27	28			
	15-25%		0.37	2	500	300	20	3.48		23	25	28	30	33	35	37	38	40			
164*	Narcisse 0-3%	6994	0.43	5	400	250	3	0.86	16-24	3	3	3	3	4	4	4	4	5			
165	Newbell 0-25%	14352							18-30												
	0-8%		0.28	3	500	300	4	1.15		4	4	5	5	5	6	6	6	7			
	8-15%		0.28	3	500	300	12	2.47		8	9	10	11	12	12	13	14	14			
	15-25%		0.28	3	500	300	20	3.48		11	13	14	15	17	18	19	19	20			
166	Newbell 25-40%	15274	0.28	3	450	250	33	4.34	18-30	14	16	17	19	21	22	23	24	25			
172*	Peone 0-3%	3943	0.37	5	450	250	1	0.40	14-22	1	1	1	1	2	2	2	2	2			
173*	Peone 0-3%, drained	5245	0.37	5	450	250	1	0.40	14-22	1	1	1	1	2	2	2	2	2			
174*	Phoebe 0-5%	1137	0.24	3	500	300	3	0.94	16-20	3	3	3	4	4	4	4	4	5			
175*	Phoebe 5-15%	1235	0.24	3	500	300	10	2.18	16-20	6	7	7	8	9	9	10	10	11			
181*	Rathdrum 0-3%	1470	0.43	5	450	200	2	0.58	22-32	2	2	2	2	3	3	3	3	3			

MAP SYMBOL	SOIL NAME	ACRES	K	T	SLOPE			STD. LS	PPT. RANGE (IN.)	AVERAGE ANNUAL PRECIPITATION (IN.)											
					MAX. SLOPE (FT)	AVG. SLOPE (FT)	AVG. SLOPE (%)			14	15	16	17	18	19	20	21	22	R-FACTOR (MLRA B-8, B-9)		
										AVERAGE ERODIBILITY INDEX (EI)											
	0-8%		0.24	1	500	300	4	1.15		10	11	12	13	14	15	16	16	17			
	8-15%		0.24	1	500	300	12	2.47		21	23	25	28	30	32	34	35	37			
226*	Springdale gr-sil	17439							16-23												
	0-15%																				
	0-8%		0.15	1	500	300	4	1.15		6	7	7	8	9	9	10	10	11			
	8-15%		0.15	1	500	300	12	2.47		13	14	16	17	19	20	21	22	23			
227*	Springdale cb-sil	3170							16-23												
	0-15%																				
	0-8%		0.15	1	500	300	4	1.15		6	7	7	8	9	9	10	10	11			
	8-15%		0.15	1	500	300	12	2.47		13	14	16	17	19	20	21	22	23			
228*	Stevens sil,	971	0.37	3	500	300	4	1.15	17-20	5	6	6	7	7	8	8	8	9			
	0-8%																				
229*	Stevens sil,	6918	0.37	3	500	300	12	2.47	17-20	11	12	13	14	16	16	17	18	19			
	8-15%																				
230	Stevens cn-sil,	17746							17-20												
	8-25%																				
	8-15%*		0.24	3	500	300	12	2.47		7	8	8	9	10	11	11	12	12			
	15-25%		0.24	3	500	300	20	3.48		10	11	12	13	14	15	16	16	17			
231	Stevens cn-sil	6277	0.24	3	450	250	33	4.34	17-20	12	14	15	16	18	19	20	20	22			
	25-40%																				
232	Stevens st-sil	10539							17-20												
	0-40%																				
	0-8%*		0.28	3	500	300	4	1.15		4	4	5	5	5	6	6	6	7			
	8-15%*		0.28	3	500	300	12	2.47		8	9	10	11	12	12	13	14	14			
	15-30%		0.28	3	500	300	23	3.81		12	14	15	17	18	19	20	21	22			
	30-40%		0.28	3	450	250	33	4.49		15	16	18	20	21	23	24	25	26			
240*	Waits 0-15%	2008							20-30												
	0-8%		0.32	3	500	300	4	1.15		4	5	5	6	6	7	7	7	8			
	8-15%		0.32	3	500	300	12	2.47		9	10	11	12	13	14	15	16	16			
241*	Waits 15-25%	4688	0.32	3	500	300	20	3.48	20-30	13	14	16	17	19	20	21	22	23			
242*	Waits 25-40%	3681	0.32	3	450	250	33	4.34	20-30	16	18	20	22	24	25	26	27	29			
246*	Wethey 0-3%	622	0.20	5	450	250	1	0.40	16-22	1	1	1	1	1	1	1	1	1			
247*	Wolfeson 0-3%	2266	0.37	5	400	200	1	0.36	20-24	1	1	1	1	1	1	2	2	2			
248*	Wolfeson 0-3%, wet	756	0.37	5	400	200	1	0.36	20-24	1	1	1	1	1	1	2	2	2			

TOTAL 665451

* Soils with less than 5 data points in the 1982 NRI