

\* = non cropland

111,512 Ac w/ the EI > 8  
cropland

ASOTIN COUNTY ERODIBILITY INDEX VALUES

JANUARY 25, 1988

MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	PPT. RANGE (IN.)	AVERAGE ANNUAL PRECIPITATION (IN.)															
							12	13	14	15	16	17	18	19	20	21	22	23	24	25		
							R-FACTOR (MLRA B-8, B-9)															
							ERODIBILITY INDEX (EI)															
* 1*	Alpowa 15-30%	410	0.20	3	3.92	12-15	7	8	9	10	11	12	13	14	15	15	16	17	17	18		
2*	Alpowa Variant 3-8%	590	0.37	2	1.77	15-18	8	10	11	13	14	15	17	18	19	19	20	21	22	22		
* 3*	Asotin-Lick-skilliet-Rock outcrop 40-90% Asotin (50%) Lickskilliet (30%) Rock (20%)	1610				12-15																
			0.37	2	7.83		36	43	51	56	62	68	74	78	83	85	90	93	96	97		
			0.20	1	7.83		39	47	55	61	67	74	80	85	89	92	97	100	103	105		
4*	Bolicker 15-30%	570	0.37	5	3.92	12-15	7	9	10	11	12	14	15	16	17	17	18	19	19	19		
* 6*	Bridgewater 0-15% 0-8% 8-15%	1340				12-19																
			0.10	2	1.77		2	3	3	3	4	4	5	5	5	5	5	6	6	6		
			0.10	2	2.85		4	4	5	6	6	7	7	8	8	8	9	9	9	10		
* 7*	Bridgewater-Veazie Variant 0-3% Bridgewater (60%) Veazie Variant (40%)	690				12-19																
			0.15	2	1.77		3	4	5	5	6	6	7	7	8	8	8	8	9	9		
			0.10	2	1.77		2	3	3	3	4	4	5	5	5	5	5	6	6	6		
* 8*	Bridgewater Variant 0-8%	430	0.15	2	1.77	19-40	3	4	5	5	6	6	7	7	8	8	8	8	9	9		
9*	Catheen-Spofmore 8-15% Catheen (55%) Spofmore (45%)	970				15-18																
			0.37	5	2.85		5	6	7	8	9	10	11	11	12	12	13	13	14	14		
			0.43	1	2.85		31	37	43	48	53	58	63	66	70	72	76	78	81	82		
10*	Catheen-Spofmore 15-30% Catheen (65%) Spofmore (35%)	1180				15-18																
			0.37	5	3.92		7	9	10	11	12	14	15	16	17	17	18	19	19	19		
			0.43	1	3.92		42	51	59	66	72	79	86	91	96	99	105	108	111	113		
11	Chard 2-5%	2690	0.43	4	1.77	12-16	5	6	7	7	8	9	10	10	11	11	12	12	13	13		
12	Chard 5-10%	1440	0.43	4	2.16	12-16	6	7	8	9	10	11	12	13	13	14	14	15	15	16		
13	Chard 10-15%	1340	0.43	4	2.85	12-16	8	9	11	12	13	14	16	17	17	18	19	20	20	21		
14	Chard 15-25%	2260	0.43	4	3.42	12-16	9	11	13	14	16	17	19	20	21	22	23	24	24	25		
15	Chard 25-40%	2010	0.43	4	4.27	12-16	11	14	16	18	20	22	23	25	26	27	28	29	30	31		
* 16*	Chard 40-60%	740	0.43	4	6.03	12-16	16	19	23	25	28	30	33	35	37	38	40	41	43	43		
17*	Cloverland 3-8%	2790	0.32	3	1.77	22-40	5	6	7	7	8	9	10	10	11	11	12	12	12	13		
18*	Cloverland 8-30% 8-15% 15-30%	1620				22-40																
			0.32	3	2.85		8	9	11	12	13	14	16	16	17	18	19	19	20	20		
			0.32	3	3.92		10	13	15	16	18	20	21	23	24	25	26	27	28	28		
19*	Cloverland, very deep 3-8%	4810	0.32	5	1.77	22-40	3	3	4	4	5	5	6	6	6	7	7	7	7	8		
20*	Cloverland, very deep 8-30% 8-15%	1630				22-40																
			0.32	5	2.85		5	5	6	7	8	9	9	10	10	11	11	12	12	12		

		AVERAGE ANNUAL PRECIPITATION (IN.)																				
MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	PPT. RANGE (IN.)	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
							25	30	35	39	43	47	51	54	57	59	62	64	66	67		
							ERODIBILITY INDEX (EI)															
	15-30%		0.32	5	3.92		6	8	9	10	11	12	13	14	14	15	16	16	17	17		
21*	Cloverland, very deep 30-45%	910	0.32	5	4.84	22-40	8	9	11	12	13	15	16	17	18	18	19	20	20	21		
* 22*	Crackercreek 30-60%	1020				22-40																
	30-40%		0.32	3	4.50		12	14	17	19	21	23	24	26	27	28	30	31	32	32		
	40-60%		0.32	3	6.03		16	19	23	25	28	30	33	35	37	38	40	41	42	43		
23*	Dallesport 3-10%	230	0.10	1	2.16	12-15	5	6	8	8	9	10	11	12	12	13	13	14	14	14		
* 24*	Dallesport 30-60%	1090				12-15																
	30-40%		0.10	1	4.50		11	14	16	18	19	21	23	24	26	27	28	29	30	30		
	40-60%		0.10	1	6.03		15	18	21	24	26	28	31	33	34	36	37	39	40	40		
25*	Demasters 8-30%	280				20-22																
	8-15% slopes																					
	SIL (60%)		0.37	3	2.85		9	11	12	14	15	17	18	19	20	21	22	22	23	24		
	ST-SIL (40%)		0.32	3	2.85		8	9	11	12	13	14	16	16	17	18	19	19	20	20		
	15-30% slopes																					
	SIL (60%)		0.37	3	3.92		12	15	17	19	21	23	25	26	28	29	30	31	32	32		
	ST-SIL (40%)		0.32	3	3.92		10	13	15	16	18	20	21	23	24	25	26	27	28	28		
* 26*	Demasters-Snell 30-70%	740				20-22																
	30-40% slopes																					
	Demasters (60%)		0.37	3	4.50		14	17	19	22	24	26	28	30	32	33	34	36	37	37		
	Snell (40%)		0.24	2	4.50		14	16	19	21	23	25	28	29	31	32	33	35	36	36		
	40-70% slopes																					
	Demasters (60%)		0.37	3	6.13		19	23	26	29	33	36	39	41	43	45	47	48	50	51		
	Snell (40%)		0.24	2	6.13		18	22	26	29	32	35	38	40	42	43	46	47	49	49		
27*	Ewall 2-10%	320	0.32	5	1.77	12-15	3	3	4	4	5	5	6	6	6	7	7	7	7	8		
28*	Ferdinand 3-8%	3290	0.28	2	1.77	17-20	6	7	9	10	11	12	13	13	14	15	15	16	16	17		
* 29*	Ferdinand Var.-Mallory Var. 8-70%	580				16-17																
	8-15% slopes																					
	Ferdinand Var. (65%)		0.10	5	2.85		1	2	2	2	2	3	3	3	3	3	4	4	4	4		
	Mallory Var. (35%)		0.37	5	2.85		5	6	7	8	9	10	11	11	12	12	13	13	14	14		
	15-30% slopes																					
	Ferdinand Var. (65%)		0.10	5	3.92		2	2	3	3	3	4	4	4	4	5	5	5	5	5		
	Mallory Var. (35%)		0.37	5	3.92		7	9	10	11	12	14	15	16	17	17	18	19	19	19		
	30-40% slopes																					
	Ferdinand Var. (65%)		0.10	5	4.50		2	3	3	4	4	4	5	5	5	5	6	6	6	6		
	Mallory Var. (35%)		0.37	5	4.50		8	10	12	13	14	16	17	18	19	20	21	21	22	22		
	40-70% slopes																					
	Ferdinand Var. (65%)		0.10	5	6.13		3	4	4	5	5	6	6	7	7	7	8	8	8	8		
	Mallory Var. (35%)		0.37	5	6.13		11	14	16	18	20	21	23	24	26	27	28	29	30	30		
30*	Geoconda 3-5%	780	0.32	3	1.77	17-20	5	6	7	7	8	9	10	10	11	11	12	12	12	13		
31*	Geoconda-Powahkee 3-6%	1640				18-20																
	Geoconda (70%)		0.32	3	1.77		5	6	7	7	8	9	10	10	11	11	12	12	12	13		
	Powahkee (30%)		0.32	5	1.77		3	3	4	4	5	5	6	6	6	7	7	7	7	8		

MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	PPT. RANGE (IN.)	AVERAGE ANNUAL PRECIPITATION (IN.)																						
							R-FACTOR (MLRA B-8, B-9)																						
							12	13	14	15	16	17	18	19	20	21	22	23	24	25	25	30	35	39	43	47	51	54	57
							ERODIBILITY INDEX (EI)																						
32*	Geoconda-Powwahkee 8-15%	320				18-20																							
	Geoconda (70%)		0.32	3	2.85		8	9	11	12	13	14	16	16	17	18	19	19	20	20									
	Powwahkee (30%)		0.32	5	2.85		5	5	6	7	8	9	9	10	10	11	11	12	12	12									
33*	Geoconda-Powwahkee 15-30%	380				18-20																							
	Geoconda (70%)		0.32	3	3.92	18-20	10	13	15	16	18	20	21	23	24	25	26	27	28	28									
	Powwahkee (30%)		0.32	5	3.92		6	8	9	10	11	12	13	14	14	15	16	16	17	17									
* 36*	Gwinly-Mallory 3-30%	3940				18-25																							
	3-15% slopes																												
	Gwinly		0.17	1	2.85		12	15	17	19	21	23	25	26	28	29	30	31	32	32									
	Mallory		0.10	2	2.85		4	4	5	6	6	7	7	8	8	8	9	9	9	10									
	15-30% slopes																												
	Gwinly		0.17	1	3.92		17	20	23	26	29	31	34	36	38	39	41	43	44	45									
	Mallory		0.10	2	3.92		5	6	7	8	8	9	10	11	11	12	12	13	13	13									
+ 45*	Harlow-Snell-Harlow Var. 3-30%	5170				20-40																							
	3-15% slopes																												
	Harlow (35%)		0.10	1	2.85		7	9	10	11	12	13	15	15	16	17	18	18	19	19									
	Snell (35%)		0.32	2	2.85		11	14	16	18	20	21	23	25	26	27	28	29	30	31									
	Harlow Var. (25%)		0.10	1	2.85		7	9	10	11	12	13	15	15	16	17	18	18	19	19									
	15-30% slopes																												
	Harlow (35%)		0.10	1	3.92		10	12	14	15	17	18	20	21	22	23	24	25	26	26									
	Snell (35%)		0.32	2	3.92		16	19	22	24	27	29	32	34	36	37	39	40	41	42									
	Harlow (25%)		0.10	1	3.92		10	12	14	15	17	18	20	21	22	23	24	25	26	26									
+ 47*	Joseph 0-3%	790	0.05	5	1.22	12-19	0.3	0.4	0.4	0.5	1	1	1	1	1	1	1	1	1	1									
* 48*	Klicker 3-30%	250				22-40																							
	3-15%		0.15	2	2.85		5	6	7	8	9	10	11	12	12	13	13	14	14	14									
	15-30%		0.15	2	3.92		7	9	10	11	13	14	15	16	17	17	18	19	19	20									
* 56*	Licksillet-Schuelke 3-30%	4470				12-15																							
	3-15% slopes																												
	Licksillet (55%)		0.20	1	2.85		14	17	20	22	25	27	29	31	32	34	35	36	38	38									
	Schuelke (45%)		0.10	2	2.85		4	4	5	6	6	7	7	8	8	8	9	9	9	10									
	15-30% slopes		0.20	1																									
	Licksillet (55%)		0.10	2	3.92		5	6	7	8	8	9	10	11	11	12	12	13	13	13									
	Schuelke (45%)				3.92																								
+ 60*	Limekiln-Stember 3-30%	3290				15-18																							
	3-15% slopes																												
	Limekiln (65%)		0.10	1	2.85		7	9	10	11	12	13	15	15	16	17	18	18	19	19									
	Stember (35%)		0.32	2	2.85		11	14	16	18	20	21	23	25	26	27	28	29	30	31									
	15-30% slopes																												
	Limekiln (65%)		0.10	1	3.92		10	12	14	15	17	18	20	21	22	23	24	25	26	26									
	Stember (35%)		0.32	2	3.92		16	19	22	24	27	29	32	34	36	37	39	40	41	42									
65*	Matheny 10-30%	230				15-18																							
	10-15%		0.37	2	2.85		13	16	18	21	23	25	27	28	30	31	33	34	35	35									

AVERAGE ANNUAL PRECIPITATION (IN.)

MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	PPT. RANGE (IN.)	12	13	14	15	16	17	18	19	20	21	22	23	24	25
							R-FACTOR (MLRA B-8, B-9)													

ERODIBILITY INDEX (EI)

66*	15-30% Matheny, stony	710	0.37	2	3.92	15-18	18	22	25	28	31	34	37	39	41	43	45	46	48	49
	10-30%																			
	10-15%		0.24	2	2.85		9	10	12	13	15	16	17	18	19	20	21	22	23	23
	15-30%		0.24	2	3.92		12	14	16	18	20	22	24	25	27	28	29	30	31	32
70*	Nansene 30-40%	290	0.43	5	4.33	12-15	9	11	13	15	16	18	19	20	21	22	23	24	25	25
71*	Nansene 40-60%	990	0.43	5	5.41	12-15	12	14	16	18	20	22	24	25	27	27	29	30	31	31
72	Neconda sil, 3-6%	2470	0.32	2	1.77	17-18	7	8	10	11	12	13	14	15	16	17	18	18	19	19
73	Neconda sil, 3-6%	4410	0.28	2	1.77	18-20	6	7	9	10	11	12	13	13	14	15	15	16	16	17
74*	Neconda 8-15%	750	0.28	2	2.85	18-20	10	12	14	16	17	19	20	22	23	24	25	26	26	27
75*	Neissenberg-Pataha 3-8%	1170				15-17														
	Neissenberg (65%)		0.43	1	1.77		19	23	27	30	33	36	39	41	43	45	47	49	50	51
	Pataha (35%)		0.32	2	1.77		7	8	10	11	12	13	14	15	16	17	18	18	19	19
76	Nims 3-8%	6360	0.37	2	1.43	12-15	7	8	9	10	11	12	13	14	15	16	16	17	17	18
77	Nims 8-15%	1480	0.37	2	2.67	12-15	12	15	17	19	21	23	25	27	28	29	31	32	33	33
78*	Nims 15-30%	580	0.37	2	3.92	12-15	18	22	25	28	31	34	37	39	41	43	45	46	48	49
79	Nims-Weissenfels 3-8%	840				12-15														
	Nims (60%)		0.37	2	1.43		7	8	9	10	11	12	13	14	15	16	16	17	17	18
	Weissenfels (40%)		0.43	1	1.43		15	18	22	24	26	29	31	33	35	36	38	39	41	41
80	Nims-Weissenfels 8-15%	3110				12-15														
	Nims (55%)		0.37	2	2.67		12	15	17	19	21	23	25	27	28	29	31	32	33	33
	Weissenfels (45%)		0.43	1	2.67		29	34	40	45	49	54	59	62	65	68	71	73	76	77
81*	Nims-Weissenfels 15-30%	1740				12-15														
	Nims (55%)		0.37	2	3.92		18	22	25	28	31	34	37	39	41	43	45	46	48	49
	Weissenfels (45%)		0.43	1	3.93		42	51	59	66	73	79	86	91	96	100	105	108	112	113
82*	Olical-Spofford 3-8%	4360				12-15														
	Olical (60%)	1740	0.43	5	1.77		4	5	5	6	7	7	8	8	9	9	9	10	10	10
	Spofford (40%)		0.43	1	1.77		19	23	27	30	33	36	39	41	43	45	47	49	50	51
83*	Olical-Spofford 8-15%	1080				12-15														
	Olical (60%)		0.43	5	2.85		6	7	9	10	11	12	13	13	14	14	15	16	16	16
	Spofford (40%)		0.43	1	2.85		31	37	43	48	53	58	63	66	70	72	76	78	81	82
84*	Olical-Spofford 15-30%	1090				12-15														
	Olical (60%)		0.43	5	3.92		8	10	12	13	14	16	17	18	19	20	21	22	22	23
	Spofford (40%)		0.43	1	3.92		42	51	59	66	72	79	86	91	96	99	105	108	111	113
85*	Olot 3-30%	1430				25-40														
	3-15%		0.37	2	2.85		13	16	18	21	23	25	27	28	30	31	33	34	35	35
	15-30%		0.37	2	3.92		18	22	25	28	31	34	37	39	41	43	45	46	48	49
86*	Pataha-Neissenberg 3-8%	7110				15-17														
	Pataha (60%)		0.32	2	1.77		7	8	10	11	12	13	14	15	16	17	18	18	19	19
	Neissenberg (40%)		0.43	1	1.77		19	23	27	30	33	36	39	41	43	45	47	49	50	51

AVERAGE ANNUAL PRECIPITATION (IN.)

PPT. RANGE (IN.)	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	25	30	35	39	43	47	51	54	57	59	62	64	66	67

MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	R-FACTOR (MLRA B-8, B-9)
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ERODIBILITY INDEX (EI)

87*	Pataha-Neissenberg 8-15%	1170				15-17
	Pataha (60%)		0.32	2	2.85	11 14 16 18 20 21 23 25 26 27 28 29 30 31
	Neissenberg (40%)		0.43	1	2.85	31 37 43 48 53 58 63 66 70 72 76 78 81 82
88*	Peola-Neissenberg 3-8%	2610				15-18
	Peola (60%)		0.32	2	1.77	7 8 10 11 12 13 14 15 16 17 18 18 19 19
	Neissenberg (40%)		0.43	1	1.77	19 23 27 30 33 36 39 41 43 45 47 49 50 51
89*	Peola-Neissenberg 8-15%	1510				15-18
	Peola (60%)		0.32	2	2.85	11 14 16 18 20 21 23 25 26 27 28 29 30 31
	Neissenberg (40%)		0.43	1	2.85	31 37 43 48 53 58 63 66 70 72 76 78 81 82
90*	Peola-Neissenberg 15-30%	790				15-18
	Peola (65%)		0.32	2	3.92	16 19 22 24 27 29 32 34 36 37 39 40 41 42
	Neissenberg (35%)		0.43	1	3.92	42 51 59 66 72 79 86 91 96 99 105 108 111 113
91*	Peola-Neissenberg 30-40%	480				15-18
	Peola (65%)		0.32	2	4.50	18 22 25 28 31 34 37 39 41 42 45 46 48 48
	Neissenberg (35%)		0.43	1	4.50	48 58 68 75 83 91 99 104 110 114 120 124 128 130
92	Powahkee 3-6%	1580	0.32	5	1.77	18-20
93*	Rockly 3-30%	1120				15-25
	3-15%		0.10	1	2.85	7 9 10 11 12 13 15 15 16 17 18 18 19 19
	15-30%		0.10	1	3.92	10 12 14 15 17 18 20 21 22 23 24 25 26 26
94*	Snell 3-8%	2920	0.32	2	1.40	20-22
95*	Snell 8-15%	550	0.32	2	2.26	20-22
98*	Spofmore-Catheen 3-8%	1420				15-18
	Spofmore (60%)	852	0.43	1	1.77	19 23 27 30 33 36 39 41 43 45 47 49 50 51
	Catheen (40%)		0.37	5	1.77	3 4 5 5 6 6 7 7 7 8 8 8 9 9
99	Stember 3-8%	4490	0.32	2	1.35	15-17
100	Sweitberg 3-8%	5660	0.32	2	1.40	20-22
101*	Sweitberg 8-15%	780	0.32	2	2.26	20-22
102*	Sweitberg Var. 3-8%	360	0.32	3	1.40	18-22
103*	Sweitberg Var. 8-15%	680	0.32	3	2.26	20-22
104*	Sweiting 3-30%	2620				22-40
	3-8%		0.32	2	1.40	6 7 8 9 10 11 11 12 13 13 14 14 15 15
	8-15%		0.32	2	2.26	9 11 13 14 16 17 18 20 21 21 22 23 24 24
	15-30%		0.32	2	3.92	16 19 22 24 27 29 32 34 36 37 39 40 41 42
* 105*	Sweiting-Harlow 3-30%	2900				22-40
	3-15% slopes					
	Sweiting (65%)		0.32	2	2.85	11 14 16 18 20 21 23 25 26 27 28 29 30 31
	Harlow (35%)		0.10	1	2.85	7 9 10 11 12 13 15 15 16 17 18 18 19 19
	15-30% slopes					
	Sweiting (65%)		0.32	2	3.92	16 19 22 24 27 29 32 34 36 37 39 40 41 42

MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	AVERAGE ANNUAL PRECIPITATION (IN.)																					
						PPT. RANGE (IN.)		R-FACTOR (MLRA B-8, B-9)																			
						25	30	35	39	43	47	51	54	57	59	62	64	66	67								
						ERODIBILITY INDEX (EI)																					
* 106*	Harlow (35%)	360	0.10	1	3.92	10	12	14	15	17	18	20	21	22	23	24	25	26	26								
	Sweiting-Harlow Variant 3-30%					22-40																					
	3-15% slopes																										
	Sweiting (55%)		0.32	2	2.85	11	14	16	18	20	21	23	25	26	27	28	29	30	31								
* 107*	Harlow V. (45%)	2710	0.10	1	2.85	7	9	10	11	12	13	15	16	17	18	18	19	19									
	15-30% slopes																										
	Sweiting (55%)		0.32	2	3.92	16	19	22	24	27	29	32	34	36	37	39	40	41	42								
	Harlow V. (45%)		0.10	1	3.92	10	12	14	15	17	18	20	21	22	23	24	25	26	26								
108*	Sweiting-Klicker 3-30%	4710				22-40																					
	3-15% slopes																										
	Sweiting (55%)		0.32	2	2.85	11	14	16	18	20	21	23	25	26	27	28	29	30	31								
	Klicker (45%)		0.15	2	2.85	5	6	7	8	9	10	11	12	12	13	13	14	14	14								
109*	15-30% slopes	250																									
	Sweiting (55%)		0.32	2	3.92	16	19	22	24	27	29	32	34	36	37	39	40	41	42								
	Klicker (45%)		0.15	2	3.92	7	9	10	11	13	14	15	16	17	17	18	19	19	20								
110*	Tolo 3-30%	940				22-40																					
	3-15%		0.43	3	2.85	10	12	14	16	18	19	21	22	23	24	25	26	27	27								
	15-30%		0.43	3	3.92	14	17	20	22	24	26	29	30	32	33	35	36	37	38								
111*	Tolo 30-45%	300	0.43	3	4.67	22-40	17	20	23	26	29	31	34	36	38	39	42	43	44	45							
	112*		Veazie 0-3%	0.32	2	1.22	12-19	5	6	7	8	8	9	10	11	11	12	12	12	13	13						
113*	Veazie, flooded 0-3%	860	0.32	2	1.22	12-19	5	6	7	8	8	9	10	11	11	12	12	12	13	13							
	114*		Veazie-Veazie Variant 0-3%				12-19																				
	Veazie (60%)		516	0.32	2	1.22	5	6	7	8	8	9	10	11	11	12	12	12	13	13							
115	Veazie Var. (40%)	19690	0.15	2	1.22	2	3	3	4	4	4	5	5	5	5	6	6	6	6								
	Weissenfels-Nims 3-8%					12-15																					
	Weissenfels (60%)		0.43	1	1.43	15	18	22	24	26	29	31	33	35	36	38	39	41	41								
	Nims (40%)		0.37	2	1.43	7	8	9	10	11	12	13	14	15	16	16	17	17	18								

TOTAL 160270

11,512

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