

○ = acres of map unit with EI > 8 = 218,848 acres.

GARFIELD COUNTY ERODIBILITY INDEX VALUES

JANUARY 15, 1988

Non-yellow in EI indicates map unit EI AVERAGE ANNUAL PRECIPITATION (IN.)

✓ = non-cropland

MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	RANGE (IN.)	PPT. (IN.)	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
								R-FACTOR (MLRA B-8, B-9)														
								25	30	35	39	43	47	51	54	57	59	62	64	66	67	
								ERODIBILITY INDEX (EI)														
✓ AaD*	Alpowa 10-25%	2160				12-16																
	10-15%		0.20	5	2.47			2	3	3	4	4	5	5	5	6	6	6	6	7	7	
	15-25%		0.20	5	3.51			4	4	5	5	6	7	7	8	8	8	9	9	9		
✓ AaF*	Alpowa 25-65%	4010				12-16																
	25-40%		0.20	5	4.27			4	5	6	7	7	8	9	9	10	10	11	11	11	11	
	40-65%		0.20	5	6.03			6	7	8	9	10	11	12	13	14	14	15	15	16	16	
✓ AaE*	Anatone 10-30%	350				22-30																
	10-15%		0.10	1	2.47			6	7	9	10	11	12	13	13	14	15	15	16	16	17	
	15-30%		0.10	1	4.11			10	12	14	16	18	19	21	22	23	24	25	26	27	28	
AaB*	Anders 0-7%	280	0.43	2	1.23	12-16		7	8	9	10	11	12	13	14	15	16	16	17	17	18	
✓ AaD*	Anders-					12-16																
	Lickskillet	370																				
	5-15% slopes																					
	Anders (60%)		0.43	2	2.36			13	15	18	20	22	24	26	27	29	30	31	32	33	34	
	Lickskillet (40%)		0.15	1	2.36			9	11	12	14	15	17	18	19	20	21	22	23	23	24	
	15-25% slopes																					
	Anders (60%)		0.43	2	3.51			19	23	26	29	32	35	38	41	43	45	47	48	50	51	
	Lickskillet (40%)		0.15	1	3.51			13	16	18	21	23	25	27	28	30	31	33	34	35	35	
A1B	Asotin 0-7%	1280	0.37	2	1.23	12-16		6	7	8	9	10	11	12	12	13	13	14	15	15	15	
A1D	Asotin 7-25%	1070				12-16																
	7-15%		0.37	2	2.47			11	14	16	18	20	21	23	25	26	27	28	29	30	31	
	15-25%		0.37	2	3.51			16	19	23	25	28	31	33	35	37	38	40	42	43	44	
A1E*	Asotin 25-40%	2430	0.37	2	4.27	12-16		20	24	28	31	34	37	40	43	45	47	49	51	52	53	
AmC	Asotin 0-15%	10750				16-20																
	0-7%		0.32	2	1.23			5	6	7	8	8	9	10	11	11	12	12	13	13	13	
	7-15%		0.32	2	2.47			10	12	14	15	17	19	20	21	23	23	25	25	26	26	
AmD	Asotin 15-25%	2100	0.32	2	3.51	16-20		14	17	20	22	24	26	29	30	32	33	35	36	37	38	
AmE*	Asotin 25-40%	1380	0.32	2	4.27	16-20		17	20	24	27	29	32	35	37	39	40	42	44	45	46	
AnC	Asotin-Spofford	260				16-20																
	0-15%																					
	0-7% slopes																					
	Asotin (75%)		0.32	2	1.23			5	6	7	8	8	9	10	11	11	12	12	13	13	13	
	Spofford (25%)		0.43	1	1.23			13	16	19	21	23	25	27	29	30	31	33	34	35	35	
	7-15% slopes																					
	Asotin (75%)		0.32	2	2.47			10	12	14	15	17	19	20	21	23	23	25	25	26	26	
	Spofford (25%)		0.43	1	2.47			27	32	37	41	46	50	54	57	61	63	66	68	70	71	
AoB	Athena 0-7%	13370	0.37	5	1.45	16-20		3	3	4	4	5	5	5	6	6	6	7	7	7	7	
AoD	Athena 7-25%	24120				16-20																
	7-15%		0.37	5	2.36			4	5	6	7	8	8	9	9	10	10	11	11	12	12	
	15-25%		0.37	5	3.91			7	9	10	11	12	14	15	16	16	17	18	19	19	19	
AoE	Athena 25-40%	8500	0.37	5	4.27	16-20		8	9	11	12	14	15	16	17	18	19	20	20	21	21	
✓ AoF*	Athena 40-55%	3810	0.37	5	5.41	16-20		10	12	14	16	17	19	20	22	23	24	25	26	26	27	
ApB	Athena, calc.	7200	0.37	5	1.45	16-20		3	3	4	4	5	5	5	6	6	6	7	7	7	7	
	sub. 0-7%																					
ApD	Athena, calc.	15490				16-20																

MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	PPT. RANGE (IN.)	AVERAGE ANNUAL PRECIPITATION (IN.)																					
							R-FACTOR (MLRA 8-8, B-9)																					
							12	13	14	15	16	17	18	19	20	21	22	23	24	25	25	30	35	39	43	47	51	54
							ERODIBILITY INDEX (EI)																					
	sub. 7-25%																											
	7-15%		0.37	5	2.36		4	5	6	7	8	8	9	9	10	10	11	11	12	12								
	15-25%		0.37	5	3.91		7	9	10	11	12	14	15	16	16	17	18	19	19									
ApE	Athena, calc.	2770	0.37	5	4.27	16-20	8	9	11	12	14	15	16	17	18	19	20	20	21	21								
	sub. 25-40%																											
✓ ApF*	Athena, calc.	1930	0.37	5	5.41	16-20	10	12	14	16	17	19	20	22	23	24	25	26	26	27								
	sub. 40-55%																											
ArB	Athena, mod.	1520	0.37	3	1.45	16-20	4	5	6	7	8	8	9	10	10	11	11	11	12	12								
	shallow 0-7%																											
ArD	Athena, mod.	4910				16-20																						
	shallow 7-25%																											
	7-15%		0.37	3	2.36		7	9	10	11	13	14	15	16	17	17	18	19	19	20								
	15-25%		0.37	3	3.91		12	14	17	19	21	23	25	26	27	28	30	31	32	32								
ArE	Athena, mod.	2500	0.37	3	4.27	16-20	13	16	18	21	23	25	27	28	30	31	33	34	35	35								
	shallow 25-40%																											
AsE2	Athena-Lance	10960				16-20																						
	10-25% slopes																											
	Athena (65%)		0.37	5	3.91		7	9	10	11	12	14	15	16	16	17	18	19	19	19								
	Lance (35%)		0.49	5	3.91		10	11	13	15	16	18	20	21	22	23	24	25	25	26								
	25-40% slopes																											
	Athena (65%)		0.37	5	4.27		8	9	11	12	14	15	16	17	18	19	20	20	21	21								
	Lance (35%)		0.49	5	4.27		10	13	15	16	18	20	21	23	24	25	26	27	28	28								
AtC	Athena-Spofford	18720				16-20																						
	0-8% slopes																											
	Athena (75%)		0.37	5	1.46		3	3	4	4	5	5	6	6	6	6	7	7	7	7								
	Spofford (25%)		0.43	1	1.46		16	19	22	24	27	30	32	34	36	37	39	40	41	42								
	8-15% slopes																											
	Athena (75%)		0.37	5	2.36		4	5	6	7	8	8	9	9	10	10	11	11	12	12								
	Spofford (25%)		0.43	1	2.36		25	30	36	40	44	48	52	55	58	60	63	65	67	68								
AtD	Athena-Spofford	2500				16-20																						
	15-25%																											
	Athena (75%)		0.37	5	3.91		7	9	10	11	12	14	15	16	16	17	18	19	19	19								
	Spofford (25%)		0.43	1	3.91		42	50	59	66	72	79	86	91	96	99	104	108	111	113								
BeF*	Benge 15-50%	300				12-16																						
	15-30%		0.24	2	3.51		11	13	15	16	18	20	21	23	24	25	26	27	28	28								
	30-40%		0.24	2	4.56		14	16	19	21	24	26	28	30	31	32	34	35	36	37								
	40-50%		0.24	2	5.03		15	18	21	24	26	29	31	33	35	36	38	39	40	41								
CdB	Chard 0-7%	1000	0.43	4	1.51	12-16	4	5	6	6	7	8	8	9	9	10	10	10	11	11								
CdD	Chard 7-25%	6580				12-16																						
	7-15%		0.43	4	2.65		7	9	10	11	12	13	15	15	16	17	18	18	19	19								
	15-25%		0.43	4	3.42		9	11	13	14	16	17	19	20	21	22	23	24	24	25								
CdE*	Chard 25-40%	12240	0.43	4	4.27	12-16	11	14	16	18	20	22	23	25	26	27	28	29	30	31								
CeD	Chard, mod.	890				12-16																						
	shallow 7-25%																											
	7-15%		0.43	3	2.65		9	11	13	15	16	18	19	21	22	22	24	24	25	25								
	15-25%		0.43	3	3.42		12	15	17	19	21	23	25	26	28	29	30	31	32	33								
ChD2	Chard vfstl, 7-25% eroded	390				12-16																						

		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)															
							25	30	35	39	43	47	51	54	57	59	62	64	66	67		
							ERODIBILITY INDEX (EI)															
	7-15%		0.43	4	2.65		7	9	10	11	12	13	15	15	16	17	18	18	19	19		
	15-25%		0.43	4	3.42		9	11	13	14	16	17	19	20	21	22	23	24	24	25		
ChE2*	Chard vfst, 25-40% eroded	480	0.43	4	4.27	12-16	11	14	16	18	20	22	23	25	26	27	28	29	30	31		
✓ GnF*	Gwin 10-50%	24470				16-24																
	10-15%		0.10	1	2.85		7	9	10	11	12	13	15	15	16	17	18	18	19	19		
	15-30%		0.10	1	4.02		10	12	14	16	17	19	21	22	23	24	25	26	27	27		
	30-40%		0.10	1	4.50		11	14	16	18	19	21	23	24	26	27	28	29	30	30		
	40-50%		0.10	1	5.41		14	16	19	21	23	25	28	29	31	32	34	35	36	36		
✓ GrF*	Gwin-Rock outcrop 10-50% slopes	11980				16-24																
	Gwin (60%)																					
	Rock outcrop (40%)																					
	10-15%		0.10	1	2.85		7	9	10	11	12	13	15	15	16	17	18	18	19	19		
	15-30%		0.10	1	4.02		10	12	14	16	17	19	21	22	23	24	25	26	27	27		
	30-40%		0.10	1	4.50		11	14	16	18	19	21	23	24	26	27	28	29	30	30		
	40-50%		0.10	1	5.41		14	16	19	21	23	25	28	29	31	32	34	35	36	36		
✓ He*	Henningsen 0-5%	1370	0.20	5	0.36	12-20	0	0	1	1	1	1	1	1	1	1	1	1	1	1		
Hr	Hermiston 0-3%	3600	0.37	5	0.77	12-16	1	2	2	2	3	3	3	3	3	4	4	4	4	4		
✓ KrD*	Klicker-Rock outcrop 5-25%	646				22-30																
	Klicker (85%)																					
	Rock (15%)																					
	5-15%		0.32	2	2.18		9	10	12	14	15	16	18	19	20	21	22	22	23	23		
	15-25%		0.32	2	3.48		14	17	19	22	24	26	28	30	32	33	35	36	37	37		
✓ KrF*	Klicker-Rock outcrop 25-50%	1070				22-30																
	Klicker (85%)																					
	Rock (15%)																					
	25-40%		0.32	2	4.67		19	22	26	29	32	35	38	40	43	44	46	48	49	50		
	40-50%		0.32	2	5.57		22	27	31	35	38	42	45	48	51	53	55	57	59	60		
LaC*	Larkin 0-15%	930				22-30																
	0-8%		0.37	3	1.45		4	5	6	7	8	8	9	10	10	11	11	11	12	12		
	8-15%		0.37	3	2.61		8	10	11	13	14	15	16	17	18	19	20	21	21	22		
LaD*	Larkin 15-25%	1560	0.37	3	3.91	22-30	12	14	17	19	21	23	25	26	27	28	30	31	32	32		
LaE*	Larkin 25-40%	2170	0.37	3	4.27	22-30	13	16	18	21	23	25	27	28	30	31	33	34	35	35		
✓ LaF*	Larkin 40-60%	2240	0.37	3	5.41	22-30	17	20	23	26	29	31	34	36	38	39	41	43	44	45		
✓ LcF*	Licksillet	9820				12-16																
	10-15%		0.15	1	2.85		11	13	15	17	18	20	22	23	24	25	27	27	28	29		
	15-30%		0.15	1	4.02		15	18	21	24	26	28	31	33	34	36	37	39	40	40		
	30-40%		0.15	1	4.50		17	20	24	26	29	32	34	36	38	40	42	43	45	45		
	40-50%		0.15	1	5.41		20	24	28	32	35	38	41	44	46	48	50	52	54	54		
✓ LkF*	Licksillet-(60%)	16694				12-16																
	Bakeoven (40%)																					
	10-15%																					
	Licksillet		0.15	1	2.85		11	13	15	17	18	20	22	23	24	25	27	27	28	29		
	Bakeoven		0.10	1	2.85		7	9	10	11	12	13	15	15	16	17	18	18	19	19		

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)																						
	15-30%																												
	Lickskillet		0.15	1	4.02		15	18	21	24	26	28	31	33	34	36	37	39	40	40									
	Bakeoven		0.10	1	4.02		10	12	14	16	17	19	21	22	23	24	25	26	27	27									
	30-40%																												
	Lickskillet		0.15	1	4.50		17	20	24	26	29	32	34	36	38	40	42	43	45	45									
	Bakeoven		0.10	1	4.50		11	14	16	18	19	21	23	24	26	27	28	29	30	30									
	40-50%																												
	Lickskillet		0.15	1	5.41		20	24	28	32	35	38	41	44	46	48	50	52	54	54									
	Bakeoven		0.10	1	5.41		14	16	19	21	23	25	28	29	31	32	34	35	36	36									
✓ LiF*	Lickskillet-(60%)	3920				12-16																							
	Rock outcrop (40%)																												
	0-8%		0.15	1	1.77		7	8	9	10	11	12	14	14	15	16	16	17	18	18									
	8-15%		0.15	1	2.85		11	13	15	17	18	20	22	23	24	25	27	27	28	29									
	15-30%		0.15	1	4.02		15	18	21	24	26	28	31	33	34	36	37	39	40	40									
	30-40%		0.15	1	4.50		17	20	24	26	29	32	34	36	38	40	42	43	45	45									
	40-50%		0.15	1	5.41		20	24	28	32	35	38	41	44	46	48	50	52	54	54									
LnF*	Linville 40-65%	11870	0.37	5	6.03	16-20	11	13	16	17	19	21	23	24	25	26	28	29	29	30									
Mo*	Mondovi 0-3%	2490	0.37	5	0.44	16-20	1	1	1	1	1	2	2	2	2	2	2	2	2	2									
OIB	Oliphant 0-5%	1830	0.43	4	1.43	12-16	4	5	5	6	7	7	8	8	9	9	10	10	10	10									
OID	Oliphant 5-25%	6290				12-16																							
	5-15%		0.43	4	2.63		7	8	10	11	12	13	14	15	16	17	18	18	19	19									
	15-25%		0.43	4	3.92		11	13	15	16	18	20	21	23	24	25	26	27	28	28									
OIE*	Oliphant 25-40%	3300	0.43	4	4.27	12-16	11	14	16	18	20	22	23	25	26	27	28	29	30	31									
✓ OIF*	Oliphant 40-55%	3160	0.43	4	5.41	12-16	15	17	20	23	25	27	30	31	33	34	36	37	38	39									
OnB	Oliphant, mod. shallow 0-5%	1350	0.43	3	1.43	12-16	5	6	7	8	9	10	10	11	12	12	13	13	14	14									
OnD	Oliphant, mod. shallow 5-25%	4450				12-16																							
	5-15%		0.43	3	2.63		9	11	13	15	16	18	19	20	21	22	23	24	25	25									
	15-25%		0.43	3	3.92		14	17	20	22	24	26	29	30	32	33	35	36	37	38									
OnE*	Oliphant, mod. shallow 25-40%	2760	0.43	3	4.27	12-16	15	18	21	24	26	29	31	33	35	36	38	39	40	41									
OpE2	Oliphant (70%)-Lance (30%)	560				12-16																							
	10-15%																												
	Oliphant (70%)		0.43	4	2.85		8	9	11	12	13	14	16	17	17	18	19	20	20	21									
	Lance (30%)		0.49	3	2.85		12	14	16	18	20	22	24	25	27	27	29	30	31	31									
	15-30% slopes																												
	Oliphant (70%)		0.43	4	4.02		11	13	15	17	19	20	22	23	25	25	27	28	29	29									
	Lance (30%)		0.49	3	4.02		16	20	23	26	28	31	33	35	37	39	41	42	43	44									
	30-40%*																												
	Oliphant (70%)		0.43	4	4.50		12	15	17	19	21	23	25	26	28	29	30	31	32	32									
	Lance (30%)		0.49	3	4.50		18	22	26	29	32	35	37	40	42	43	46	47	49	49									
OsC	Oliphant (75%)-Spofford (25%)	8090				12-16																							
	0-8% slopes																												
	Oliphant (75%)		0.43	4	1.77		5	6	7	7	8	9	10	10	11	11	12	12	13	13									
	Spofford (25%)		0.43	1	1.77		19	23	27	30	33	36	39	41	43	45	47	49	50	51									

MAP SYMBOL	SOIL NAME	ACRES	K	T	LS	PPT. RANGE (IN.)	AVERAGE ANNUAL PRECIPITATION (IN.)																				
							25	30	35	39	43	47	51	54	57	59	62	64	66	67	12	13	14	15	16	17	18
	8-15% slopes						ERODIBILITY INDEX (EI)																				
OsD	Oliphant (75%)		0.43	4	2.63		7	8	10	11	12	13	14	15	16	17	18	18	19	19							
	Spofford (25%)		0.43	1	2.63		28	34	40	44	49	53	58	61	64	67	70	72	75	76							
	Oliphant (75%)	1370				12-16																					
	Spofford (25%)																										
Ox	15-25%																										
	Oliphant (75%)		0.43	4	4.02		11	13	15	17	19	20	22	23	25	25	27	28	29	29							
PaB	Spofford (25%)		0.43	1	4.02		43	52	61	67	74	81	88	93	99	102	107	111	114	116							
	Onyx 0-3%	1050	0.43	5	0.44	12-16	1	1	1	1	2	2	2	2	2	2	2	2	2	3							
PaD	Palouse 0-7%	450	0.32	5	1.45	20-24	2	3	3	4	4	4	5	5	5	5	6	6	6	6							
	Palouse 7-25%	400				20-24																					
PIB	7-15%		0.32	5	2.61		4	5	6	7	7	8	9	9	10	10	10	11	11	11							
	15-25%		0.32	5	3.91		6	8	9	10	11	12	13	14	14	15	16	16	17	17							
PID	Palouse, mod. shallow 0-7%	900	0.32	3	1.45	20-24	4	5	5	6	7	7	8	8	9	9	10	10	10	10							
	Palouse, mod. shallow 7-25%	1630				20-24																					
PIE	7-15%		0.32	3	2.61		7	8	10	11	12	13	14	15	16	16	17	18	18	19							
	15-25%		0.32	3	3.91		10	13	15	16	18	20	21	23	24	25	26	27	28	28							
Qu*	Palouse, mod. shallow 25-40%	400	0.32	3	4.27	20-24	11	14	16	18	20	21	23	25	26	27	28	29	30	31							
	Quincy 0-25%	460				12-16																					
ToD*	0-8%		0.17	5	1.23		1	1	1	2	2	2	2	2	2	2	3	3	3	3							
	8-15%		0.17	5	3.09		3	3	4	4	5	5	5	6	6	6	7	7	7	7							
	15-25%		0.17	5	3.48		3	4	4	5	5	6	6	6	7	7	7	8	8	8							
	Tolo 10-25%	340				24-30																					
ToE*	10-15%		0.43	5	2.67		6	7	8	9	10	11	12	12	13	14	14	15	15	15							
	15-25%		0.43	5	3.91		8	10	12	13	14	16	17	18	19	20	21	22	22	23							
ToF*	Tolo 25-40%	670	0.43	5	4.27	24-30	9	11	13	14	16	17	19	20	21	22	23	24	24	25							
WaC	Tolo 40-60%	1090	0.43	5	5.41	24-30	12	14	16	18	20	22	24	25	27	27	29	30	31	31							
	Waha 0-15%	5690				20-24																					
WaD*	0-8%		0.32	2	1.16		5	6	6	7	8	9	9	10	11	11	12	12	12	12							
	8-15%		0.32	2	2.47		10	12	14	15	17	19	20	21	23	23	25	25	26	26							
WaE*	Waha 15-25%	670	0.32	2	3.41	20-24	14	16	19	21	23	26	28	29	31	32	34	35	36	37							
	Waha 25-40%	220	0.32	2	4.27	20-24	17	20	24	27	29	32	35	37	39	40	42	44	45	46							
WwB	Walla Walla 0-7%	3140	0.43	5	1.49	12-16	3	4	4	5	6	6	7	7	7	8	8	8	8	9							
	Walla Walla 7-15%	13060	0.43	5	2.78		6	7	8	9	10	11	12	13	14	14	15	15	16	16							
WwE	15-25%		0.43	5	4.11		9	11	12	14	15	17	18	19	20	21	22	23	23	24							
	Walla Walla 25-40%	5230	0.43	5	4.66	12-16	10	12	14	16	17	19	21	22	23	24	25	26	27	27							
WwF*	Walla Walla 40-55%	6950	0.43	5	5.00	12-16	11	13	15	17	18	20	22	23	25	25	27	28	28	29							

TOTAL 343058

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

218848 cropland > EI 8