(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
8B:														
Judson	0-9	1- 6- 10	-67-	24-28- 32	1.30-1.35	1.00-10.00	0.21-0.23	3.0-5.9	3.0-4.0	.37	.37	5	6	48
	9-28	1- 6- 10	-65-	27-30- 32	1.30-1.35	1.00-10.00	0.21-0.23	3.0-5.9	3.0-4.0	.37	.37			
	28-35	1- 6- 10	-62-	30-33- 35	1.35-1.45	1.00-10.00	0.21-0.23	3.0-5.9	1.0-3.0	.37	.37			
	35-60	1- 6- 10	-66-	25-29- 32	1.35-1.45	1.00-10.00	0.21-0.23	3.0-5.9	0.0-1.0	.49	.49			
11B:														
Colo	0-8	1- 6- 20	49-64- 73	24-30- 35	1.22-1.36	1.00-10.00	0.15-0.18	3.0-5.9	4.0-7.0	.28	.28	5	6	48
	8-14	1- 6- 15	52-64- 73	24-30- 35	1.25-1.36	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.32	.32			
	14-34	1- 6- 15	50-61- 72	27-33- 35	1.26-1.30	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.28	.28			
	34-40	1- 6- 15	50-61- 72	27-33- 35	1.22-1.36	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.32	.32			
	40-46	1- 8- 15	50-58- 68	30-34- 35	1.20-1.34	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.32	.32			
	46-52	1- 8- 15	50-60- 69	30-32- 35	1.34-1.41	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
	52-79	1- 8- 30	42-61- 74	25-31- 35	1.35-1.40	1.00-10.00	0.16-0.22	3.0-5.9	1.0-2.0	.43	.43			
Ely	0-8	1- 4- 20	51-68- 79	20-28- 35	1.29-1.33	1.00-10.00	0.15-0.19	3.0-5.9	4.0-6.0	.32	.32	5	6	48
	8-24	1- 4- 15	53-68- 79	20-28- 35	1.23-1.33	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.32	.32			
	24-32	1- 4- 15	54-67- 75	24-29- 35	1.29-1.34	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.37	.37			
	32-47	1- 5- 15	53-64- 72	27-31- 35	1.34-1.38	1.00-10.00	0.16-0.20	3.0-5.9	1.0-3.0	.43	.43			
	47-58	1- 6- 15	54-67- 75	24-27- 35	1.25-1.41	1.00-10.00	0.17-0.21	3.0-5.9	0.5-1.0	.49	.49			
	58-79	1- 6- 15	52-67- 81	18-27- 35	1.36-1.37	1.00-10.00	0.18-0.22	3.0-5.9	0.5-1.0	.49	.49			
41A:														
Sparta	0-11	70-84- 98	0-10- 29	1- 6- 10	1.40-1.65	10.00-100.00	0.09-0.12	0.0-2.9	1.0-2.0	.24	.24	5	2	134
	11-15	70-87- 98	0- 7- 29	1- 6- 10	1.45-1.70	10.00-100.00	0.09-0.12	0.0-2.9	0.5-1.0	.24	.24			
	15-72	80-90- 98	0- 6- 19	1- 4- 8	1.40-1.60	10.00-100.00	0.05-0.11	0.0-2.9	0.0-0.5	.28	.28			
	72-79	80-93- 99	0- 4- 20	0- 3- 8	1.50-1.70	10.00-100.00	0.04-0.07	0.0-2.9	0.0-0.5	.17	.17			
41B:														
Sparta	0-11	70-84- 98	0-10- 29	1- 6- 10	1.40-1.65	10.00-100.00	0.09-0.12	0.0-2.9	1.0-2.0	.24	.24	5	2	134
	11-15	70-87- 98	0- 7- 29	1- 6- 10	1.45-1.70	10.00-100.00	0.09-0.12	0.0-2.9	0.5-1.0	.24	.24			
	15-72	80-90- 98	0- 6- 19	1- 4- 8	1.40-1.60	10.00-100.00	0.05-0.11	0.0-2.9	0.0-0.5	.28	.28			
	72-79	80-93- 99	0- 4- 20	0- 3- 8	1.50-1.70	10.00-100.00	0.04-0.07	0.0-2.9	0.0-0.5	.17	.17			
41C:														
Sparta	0-11	70-84- 98	0-10- 29	1- 6- 10	1.40-1.65	10.00-100.00	0.09-0.12	0.0-2.9	1.0-2.0	.24	.24	5	2	134
	11-15	70-87- 98	0- 7- 29	1- 6- 10	1.45-1.70	10.00-100.00	0.09-0.12	0.0-2.9	0.5-1.0	.24	.24			
	15-72	80-90- 98	0- 6- 19	1- 4- 8	1.40-1.60	10.00-100.00	0.05-0.11	0.0-2.9	0.0-0.5	.28	.28			
	72-79	80-93- 99	0- 4- 20	0- 3- 8	1.50-1.70	10.00-100.00	0.04-0.07	0.0-2.9	0.0-0.5	.17	.17			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
41D:														
Sparta	0-8	80-87- 95	0- 7- 17	3- 6- 10	1.20-1.40	10.00-100.00	0.09-0.12	0.0-0.0	1.0-2.0	.17	.17	5	2	134
	8-15	80-87- 95	0- 7- 17	3- 6- 10	1.20-1.40	10.00-100.00	0.09-0.12	0.0-0.0	0.5-1.0	.24	.24			
	15-72	80-95- 98	0- 1- 19	1- 4- 8	1.40-1.60	100.00-705.00	0.05-0.11	0.0-0.0	0.0-0.5	.10	.10			
	72-80	90-97-100	0- 1- 10	0- 2- 5	1.50-1.70	100.00-705.00	0.04-0.07	0.0-0.0	0.0-0.5	.10	.10			
63A:														
Chelsea	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
63B:														
Chelsea	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
63C:														
Chelsea	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
63D:														
Chelsea	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
63F:														
Chelsea	0-1	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
	1-4	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.08-0.12	0.1-0.9	0.3-0.8	.02	.02			
	4-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
83B:														
Kenyon	0-9	14-36- 52	29-43- 65	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	2.0-3.9	.28	.28	5	6	48
	9-14	19-33- 48	31-46- 60	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	2.1-3.4	.37	.37			
	14-19	21-32- 40	36-43- 55	20-25- 27	1.40-1.60	1.00-10.00	0.16-0.20	3.0-5.9	1.0-3.0	.37	.37			
	19-41	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	41-55	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	55-71	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-2.9	0.0-0.5	.37	.37			
	71-79	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-2.9	0.0-0.5	.37	.37			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
83C:														
Kenyon	0-9	14-36- 52	29-43- 65	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	2.0-3.9	.28	.28	5	6	48
	9-14	19-33- 48	31-46- 60	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	2.1-3.4	.37	.37			
	14-19	21-32- 40	36-43- 55	20-25- 27	1.40-1.60	1.00-10.00	0.16-0.20	3.0-5.9	1.0-3.0	.37	.37			
	19-41	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	41-55	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	55-71	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-2.9	0.0-0.5	.37	.37			
	71-79	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-2.9	0.0-0.5	.37	.37			
83C2:														
Kenyon, eroded	0-7	14-36- 52	29-43- 65	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	1.5-3.4	.32	.32	5	6	48
	7-12	21-32- 40	36-43- 55	20-25- 27	1.40-1.60	1.00-10.00	0.16-0.20	3.0-5.9	0.8-2.8	.37	.37			
	12-41	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	41-55	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	55-71	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-2.9	0.0-0.5	.37	.37			
	71-79	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-2.9	0.0-0.5	.37	.37			
83D2:														
Kenyon, mod eroded	0-7	14-36- 52	29-43- 65	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	1.5-3.4	.32	.32	5	6	48
	7-12	21-32- 40	36-43- 55	20-25- 27	1.40-1.60	1.00-10.00	0.16-0.20	3.0-5.9	0.8-2.8	.37	.37			
	12-41	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	41-55	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	55-71	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-3.1	0.0-0.5	.37	.37			
	71-79	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-3.1	0.0-0.5	.37	.37			
84:														
Clyde	0-17	10-18- 45	15-52- 70	20-30- 40	1.20-1.50	1.00-10.00	0.20-0.24	1.3-2.9	6.0-9.0	.24	.24	5	6	48
	17-23	15-18- 45	20-52- 65	20-30- 35	1.20-1.60	1.00-10.00	0.18-0.22	3.0-5.9	1.0-4.0	.37	.37			

	23-28	15-30- 45	20-40- 67	18-30- 35	1.30-1.70	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.32	.32			
	28-41	15-17- 45	20-53- 67	18-30- 35	1.30-1.70	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	41-44	20-65- 80	0-20- 70	10-15- 30	1.30-1.70	1.00-100.00	0.10-0.14	0.6-2.9	0.5-1.0	.28	.28			
	44-62	25-45- 52	28-35- 50	10-20- 27	1.60-1.90	0.01-1.00	0.14-0.18	0.7-2.9	0.0-0.5	.43	.43			
	62-79	25-45- 52	28-35- 50	10-20- 27	1.60-1.90	0.01-1.00	0.14-0.18	0.5-2.9	0.0-0.5	.43	.43			
88:														
Nevin, rarely flooded	0-23	- 7-	-65-	27-28- 29	1.30-1.35	1.00-10.00	0.21-0.23	3.0-5.9	4.0-6.0	.28	.28	5	6	48
	23-58	- 7-	-61-	30-33- 35	1.30-1.40	1.00-10.00	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
	58-60	- 7-	-63-	25-31- 36	1.40-1.45	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.43	.43			
110B:														
Lamont	0-8	50-60- 80	0-31- 45	5- 9- 20	1.48-1.51	10.00-100.00	0.13-0.20	0.4-2.4	0.5-1.5	.28	.28	4	3	86
	8-23	50-69- 80	0-24- 45	5- 7- 20	1.57-1.70	10.00-100.00	0.14-0.20	0.4-2.4	0.0-0.5	.32	.32			
	23-39	35-66- 80	0-22- 50	5-12- 24	1.61-1.66	10.00-100.00	0.14-0.21	0.4-3.0	0.0-0.5	.28	.28			
	39-53	35-79- 80	0-11- 50	5-10- 24	1.56-1.66	10.00-100.00	0.14-0.21	0.3-2.1	0.0-0.5	.24	.24			
	53-79	70-92- 95	0- 3- 28	2- 5- 10	1.73-1.77	10.00-100.00	0.09-0.11	0.1-1.0	0.0-0.5	.02	.02			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
110C:														
Lamont	0-8	50-60- 80	0-31- 45	5- 9- 20	1.48-1.51	10.00-100.00	0.13-0.20	0.4-2.4	0.5-1.5	.28	.28	4	3	86
	8-23	50-69- 80	0-24- 45	5- 7- 20	1.57-1.70	10.00-100.00	0.14-0.20	0.4-2.4	0.0-0.5	.32	.32			
	23-39	35-66- 80	0-22- 50	5-12- 24	1.61-1.66	10.00-100.00	0.14-0.21	0.4-3.0	0.0-0.5	.28	.28			
	39-53	35-79- 80	0-11- 50	5-10- 24	1.56-1.66	10.00-100.00	0.14-0.21	0.3-2.1	0.0-0.5	.24	.24			
	53-79	70-92- 95	0- 3- 28	2- 5- 10	1.73-1.77	10.00-100.00	0.09-0.11	0.1-1.0	0.0-0.5	.02	.02			
118:														
Garwin	0-8	0- 2- 5	60-66- 73	27-32- 35	1.30-1.35	1.00-10.00	0.21-0.23	3.0-5.9	6.0-7.0	.28	.28	5	6	48
	8-12	0- 2- 5	60-65- 73	27-33- 35	1.30-1.35	1.00-10.00	0.21-0.23	3.0-5.9	3.5-5.5	.28	.28			
	12-18	0- 2- 5	60-65- 73	27-33- 35	1.30-1.35	1.00-10.00	0.20-0.22	3.0-5.9	2.0-4.0	.28	.28			
	18-22	0- 2- 5	60-64- 73	27-34- 35	1.28-1.35	1.00-10.00	0.16-0.20	3.0-5.9	1.5-2.5	.37	.37			
	22-27	0- 2- 5	60-65- 73	27-33- 35	1.28-1.35	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
	27-36	0- 2- 5	60-66- 73	27-32- 35	1.28-1.35	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
	36-42	0- 2- 5	60-67- 73	27-31- 35	1.28-1.35	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.43	.43			
	42-48	0- 3- 5	63-71- 76	24-26- 32	1.35-1.45	1.00-10.00	0.15-0.19	3.0-5.9	0.3-0.8	.49	.49			
	48-79	0- 3- 5	63-72- 76	24-25- 32	1.35-1.45	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
119A:														
Muscatine	0-7	1- 3- 7	58-67- 75	24-30- 35	1.22-1.42	1.00-10.00	0.22-0.24	3.0-5.9	4.0-6.0	.37	.37	5	6	48
	7-16	1- 3- 7	58-67- 75	24-30- 35	1.22-1.42	1.00-10.00	0.22-0.24	3.0-5.9	4.0-6.0	.28	.28			
	16-20	1- 4- 10	55-63- 72	27-33- 35	1.30-1.43	1.00-10.00	0.20-0.22	3.0-5.9	1.5-4.0	.37	.37			
	20-42	1- 5- 10	55-62- 72	27-33- 35	1.34-1.50	1.00-10.00	0.16-0.20	3.0-5.9	0.5-2.0	.43	.43			
	42-79	1- 5- 10	55-70- 79	20-25- 35	1.35-1.60	1.00-10.00	0.15-0.19	3.0-5.9	0.3-0.8	.49	.49			
120A:														
Tama	0-6	1- 3- 10	62-70- 77	22-27- 30	1.26-1.38	1.00-10.00	0.19-0.23	3.0-5.9	3.0-4.5	.32	.32	5	6	48
	6-10	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
	10-14	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
	14-18	1- 3- 5	63-66- 72	24-31- 32	1.24-1.35	1.00-10.00	0.17-0.21	3.0-5.9	1.0-2.5	.43	.43			
	18-32	1- 3- 5	60-64- 72	24-33- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	32-45	1- 3- 5	60-66- 73	24-31- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	45-60	1- 3- 5	65-69- 76	20-28- 30	1.35-1.40	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
120B:														
Tama	0-6	1- 3- 10	62-70- 77	22-27- 30	1.26-1.38	1.00-10.00	0.19-0.23	3.0-5.9	3.0-4.5	.32	.32	5	6	48
	6-10	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
	10-14	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
	14-18	1- 3- 5	63-66- 72	24-31- 32	1.24-1.35	1.00-10.00	0.17-0.21	3.0-5.9	1.0-2.5	.43	.43			
	18-32	1- 3- 5	60-64- 72	24-33- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	32-45	1- 3- 5	60-66- 73	24-31- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	45-60	1- 3- 5	65-69- 76	20-28- 30	1.35-1.40	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
120C:														
Tama	0-6	1- 3- 10	62-70- 77	22-27- 30	1.26-1.38	1.00-10.00	0.19-0.23	3.0-5.9	3.0-4.5	.32	.32	5	6	48
	6-10	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
	10-14	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
	14-18	1- 3- 5	63-66- 72	24-31- 32	1.24-1.35	1.00-10.00	0.17-0.21	3.0-5.9	1.0-2.5	.43	.43			
	18-32	1- 3- 5	60-64- 72	24-33- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	32-45	1- 3- 5	60-66- 73	24-31- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	45-60	1- 3- 5	65-69- 76	20-28- 30	1.35-1.40	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
120C2:														
Tama, eroded	0-6	1- 3- 10	62-67- 75	24-30- 32	1.30-1.38	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.5	.32	.32	5	6	48
	6-12	1- 3- 5	63-66- 72	24-31- 32	1.24-1.35	1.00-10.00	0.17-0.21	3.0-5.9	1.0-2.5	.43	.43			
	12-20	1- 3- 5	60-64- 72	24-33- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	20-33	1- 3- 5	60-66- 73	24-31- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
	33-60	1- 3- 5	65-69- 76	20-28- 30	1.35-1.40	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
133:														
Colo, occasionally flooded	0-8	1- 6- 20	49-64- 73	24-30- 35	1.22-1.36	1.00-10.00	0.15-0.18	3.0-5.9	4.0-7.0	.28	.28	5	6	48
	8-14	1- 6- 15	52-64- 73	24-30- 35	1.25-1.36	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.32	.32			
	14-34	1- 6- 15	50-61- 72	27-33- 35	1.26-1.30	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.28	.28			
	34-40	1- 6- 15	50-61- 72	27-33- 35	1.22-1.36	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.32	.32			
	40-46	1- 8- 15	50-58- 68	30-34- 35	1.20-1.34	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.32	.32			
	46-52	1- 8- 15	50-60- 69	30-32- 35	1.34-1.41	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
	52-79	1- 8- 30	42-61- 74	25-31- 35	1.35-1.40	1.00-10.00	0.16-0.22	3.0-5.9	1.0-2.0	.43	.43			
133+:														
Colo, overwash, occasionally flooded	0-7	1- 7- 20	50-69- 78	20-24- 30	1.28-1.40	1.00-10.00	0.21-0.24	2.5-4.4	3.0-5.0	.32	.32	5	6	48
	7-11	1- 3- 20	50-72- 78	20-25- 30	1.20-1.37	1.00-10.00	0.21-0.24	2.5-4.4	3.0-5.0	.32	.32			
	11-22	1- 6- 20	49-64- 73	24-30- 35	1.22-1.36	1.00-10.00	0.15-0.18	3.0-5.9	4.0-7.0	.28	.28			
	22-30	1- 6- 15	52-64- 73	24-30- 35	1.25-1.36	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.32	.32			
	30-46	1- 6- 15	50-61- 72	27-33- 35	1.26-1.30	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.28	.28			
	46-51	1- 6- 15	50-61- 72	27-33- 35	1.22-1.36	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.32	.32			
	51-57	1- 8- 15	50-58- 68	30-34- 35	1.20-1.34	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.32	.32			
	57-65	1- 8- 15	50-60- 69	30-32- 35	1.34-1.41	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
	65-79	1- 8- 30	42-61- 74	25-31- 35	1.35-1.40	1.00-10.00	0.16-0.22	3.0-5.9	1.0-2.0	.43	.43			
160:														
Walford	0-7	-10-	-68-	20-23- 26	1.35-1.40	1.00-10.00	0.21-0.23	3.0-5.9	2.5-3.5	.37	.37	5	6	48
	7-20	-11-	-67-	18-22- 26	1.40-1.50	1.00-10.00	0.20-0.22	0.0-2.9	1.0-2.0	.49	.49			
	20-60	- 7-	-62-	27-31- 35	1.35-1.40	1.00-10.00	0.18-0.20	6.0-8.9	0.0-1.0	.43	.43			
165A:														
Stronghurst	0-12	- 9-	-67-	20-24- 27	1.25-1.45	1.00-10.00	0.22-0.24	0.0-2.9	1.0-3.0	.43	.43	5	6	48
	12-45	- 7-	-65-	20-28- 30	1.30-1.50	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.0	.49	.49			
	45-60	- 9-	-65-	24-26- 35	1.30-1.55	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
171B:														
Bassett	0-9	10-35- 50	24-47- 73	15-18- 26	1.36-1.47	1.00-10.00	0.17-0.21	1.0-2.9	1.9-2.9	.32	.32	5	5	56
	9-17	10-35- 50	24-45- 69	15-20- 26	1.34-1.51	1.00-10.00	0.16-0.20	1.0-2.9	0.8-1.2	.43	.43			
	17-25	30-44- 70	8-32- 50	20-24- 28	1.46-1.68	0.01-1.00	0.14-0.18	1.0-2.9	0.0-0.8	.32	.32			
	25-34	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	1.0-2.9	0.0-0.5	.32	.32			
	34-46	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	1.0-2.9	0.0-0.5	.32	.32			

----------	46-60	30-44- 50	23-34- 49	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.0-2.9	0.0-0.5	.37	.37			
171C:														
Bassett----------	0-9	10-35- 50	24-47- 73	15-18- 26	1.36-1.47	1.00-10.00	0.17-0.21	0.0-2.9	1.9-2.9	.32	.32	5	5	56
----------	9-17	10-35- 50	24-45- 69	15-20- 26	1.34-1.51	1.00-10.00	0.16-0.20	0.0-2.9	0.8-1.2	.43	.43			
----------	17-25	30-44- 70	8-32- 50	20-24- 28	1.46-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.8	.32	.32			
----------	25-34	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
----------	34-46	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
----------	46-60	30-44- 50	23-34- 49	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
171C2:														
Bassett, eroded------	0-7	10-35- 50	24-47- 73	15-18- 26	1.36-1.47	1.00-10.00	0.16-0.20	0.0-2.9	1.4-2.4	.32	.32	5	5	56
----------	7-15	10-35- 50	24-45- 69	15-20- 26	1.34-1.51	1.00-10.00	0.15-0.19	0.0-2.9	0.6-0.9	.43	.43			
----------	15-23	30-44- 70	8-32- 50	20-24- 28	1.46-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.8	.32	.32			
----------	23-32	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
----------	32-44	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
----------	44-60	30-44- 50	23-34- 49	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
171D2:														
Bassett, eroded------	0-7	10-35- 50	24-47- 73	15-18- 26	1.36-1.47	1.00-10.00	0.16-0.20	0.0-2.9	1.4-2.4	.32	.32	5	5	56
----------	7-15	10-35- 50	24-45- 69	15-20- 26	1.34-1.51	1.00-10.00	0.15-0.19	0.0-2.9	0.6-0.9	.43	.43			
----------	15-23	30-44- 70	8-32- 50	20-24- 28	1.46-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.8	.32	.32			
----------	23-32	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
----------	32-44	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
----------	44-60	30-44- 50	23-34- 49	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
171E2:														
Bassett, eroded------	0-7	10-35- 50	24-47- 73	15-18- 26	1.36-1.47	1.00-10.00	0.16-0.20	0.0-2.9	1.4-2.4	.32	.32	5	5	56
----------	7-15	10-35- 50	24-45- 69	15-20- 26	1.34-1.51	1.00-10.00	0.15-0.19	0.0-2.9	0.6-0.9	.43	.43			
----------	15-23	30-44- 70	8-32- 50	20-24- 28	1.46-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.8	.32	.32			
----------	23-32	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
----------	32-44	30-44- 70	8-32- 50	20-24- 28	1.49-1.68	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.32	.32			
----------	44-60	30-44- 50	23-34- 49	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
171F2:														
Bassett, moderately eroded----------	0-12	-41-	-37-	18-22- 25	1.45-1.50	1.00-10.00	0.19-0.21	0.0-2.9	2.0-3.0	.32	.32	5	6	48
----------	12-39	-39-	-37-	20-24- 28	1.55-1.65	1.00-10.00	0.17-0.19	0.0-2.9	0.5-1.0	.32	.32			
----------	39-60	-41-	-37-	20-22- 24	1.65-1.75	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.37	.37			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
174:														
Bolan----------	0-8	25-40- 75	15-38- 70	12-23- 27	1.40-1.45	1.00-10.00	0.20-0.22	3.0-5.9	3.0-4.0	.24	.24	4	6	48
----------	8-14	25-40- 75	15-38- 70	12-23- 27	1.45-1.50	1.00-10.00	0.17-0.19	3.0-5.9	2.0-4.0	.28	.28			
----------	14-19	40-44- 70	20-40- 50	12-16- 25	1.45-1.50	1.00-10.00	0.17-0.19	0.0-2.9	1.0-2.0	.37	.37			
----------	19-30	40-44- 85	10-40- 50	7-16- 20	1.45-1.50	1.00-10.00	0.17-0.19	0.0-2.9	1.0-2.0	.37	.37			
----------	30-45	60-67- 90	5-23- 50	7-10- 15	1.50-1.60	10.00-100.00	0.11-0.13	0.0-2.9	0.0-1.0	.32	.32			
----------	45-80	75-79- 95	5-16- 20	2- 5- 10	1.60-1.70	10.00-100.00	0.08-0.10	0.0-2.9	0.0-0.5	.32	.32			
174B:														
Bolan----------	0-8	25-40- 75	15-38- 70	12-23- 27	1.40-1.45	1.00-10.00	0.20-0.22	3.0-5.9	3.0-4.0	.24	.24	4	6	48
----------	8-14	25-40- 75	15-38- 70	12-23- 27	1.45-1.50	1.00-10.00	0.17-0.19	3.0-5.9	2.0-4.0	.28	.28			
----------	14-19	40-44- 70	20-40- 50	12-16- 25	1.45-1.50	1.00-10.00	0.17-0.19	0.0-2.9	1.0-2.0	.37	.37			
----------	19-30	40-44- 85	10-40- 50	7-16- 20	1.45-1.50	1.00-10.00	0.17-0.19	0.0-2.9	1.0-2.0	.37	.37			
----------	30-45	60-67- 90	5-23- 50	7-10- 15	1.50-1.60	10.00-100.00	0.11-0.13	0.0-2.9	0.0-1.0	.32	.32			
----------	45-80	75-79- 95	5-16- 20	2- 5- 10	1.60-1.70	10.00-100.00	0.08-0.10	0.0-2.9	0.0-0.5	.32	.32			
174C:														
Bolan----------	0-8	25-40- 75	15-38- 70	12-23- 27	1.40-1.45	1.00-10.00	0.20-0.22	3.0-5.9	3.0-4.0	.24	.24	4	6	48
----------	8-14	25-40- 75	15-38- 70	12-23- 27	1.45-1.50	1.00-10.00	0.17-0.19	3.0-5.9	2.0-4.0	.28	.28			
----------	14-19	40-44- 70	20-40- 50	12-16- 25	1.45-1.50	1.00-10.00	0.17-0.19	0.0-2.9	1.0-2.0	.37	.37			
----------	19-30	40-44- 85	10-40- 50	7-16- 20	1.45-1.50	1.00-10.00	0.17-0.19	0.0-2.9	1.0-2.0	.37	.37			
----------	30-45	60-67- 90	5-23- 50	7-10- 15	1.50-1.60	10.00-100.00	0.11-0.13	0.0-2.9	0.0-1.0	.32	.32			
----------	45-80	75-79- 95	5-16- 20	2- 5- 10	1.60-1.70	10.00-100.00	0.08-0.10	0.0-2.9	0.0-0.5	.32	.32			
175A:														
Dickinson----------	0-8	40-65- 70	12-20- 48	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.15	0.0-0.4	1.5-2.5	.20	.20	3	3	86
----------	8-18	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.5-2.5	.24	.24			
----------	18-30	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.0-0.5	.28	.28			
----------	30-36	80-84- 95	0- 9- 15	5- 7- 10	1.55-1.65	10.00-100.00	0.08-0.10	0.0-0.0	0.0-0.5	.15	.15			
----------	36-60	80-91- 95	0- 2- 15	5- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-0.0	0.0-0.5	.10	.10			
175B:														
Dickinson----------	0-8	40-65- 70	12-20- 48	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.15	0.0-0.4	1.5-2.5	.20	.20	3	3	86
----------	8-18	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.5-2.5	.24	.24			
----------	18-30	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.0-0.5	.28	.28			
----------	30-36	80-84- 95	0- 9- 15	5- 7- 10	1.55-1.65	10.00-100.00	0.08-0.10	0.0-0.0	0.0-0.5	.15	.15			
----------	36-60	80-91- 95	0- 2- 15	5- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-0.0	0.0-0.5	.10	.10			
175C:														
Dickinson----------	0-8	40-65- 70	12-20- 48	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.15	0.0-0.4	1.5-2.5	.20	.20	3	3	86
----------	8-18	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.5-2.5	.24	.24			
----------	18-30	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.0-0.5	.28	.28			
----------	30-36	80-84- 95	0- 9- 15	5- 7- 10	1.55-1.65	10.00-100.00	0.08-0.10	0.0-0.0	0.0-0.5	.15	.15			
----------	36-60	80-91- 95	0- 2- 15	5- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-0.0	0.0-0.5	.10	.10			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
175D:														
Dickinson----------	0-8	40-65- 70	12-20- 48	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.15	0.0-0.4	1.5-2.5	.20	.20	3	3	86
----------	8-18	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.5-2.5	.24	.24			
----------	18-30	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.0-0.5	.28	.28			
----------	30-36	80-84- 95	0- 9- 15	5- 7- 10	1.55-1.65	10.00-100.00	0.08-0.10	0.0-0.0	0.0-0.5	.15	.15			
----------	36-60	80-91- 95	0- 2- 15	5- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-0.0	0.0-0.5	.10	.10			
177A:														
Saude----------	0-7	35-44- 55	21-37- 50	15-19- 24	1.40-1.45	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.20	.20	3	5	56
----------	7-13	35-44- 55	21-37- 50	15-19- 24	1.40-1.45	1.00-10.00	0.20-0.22	0.0-2.9	2.0-4.0	.20	.20			
----------	13-16	35-46- 55	21-37- 50	15-17- 24	1.40-1.50	1.00-10.00	0.15-0.19	0.0-2.9	1.0-3.0	.28	.28			
----------	16-24	40-50- 70	12-35- 48	12-15- 18	1.40-1.50	1.00-10.00	0.15-0.19	0.0-2.9	0.5-1.0	.32	.32			
----------	24-28	40-55- 70	12-30- 48	12-15- 18	1.40-1.50	10.00-100.00	0.15-0.19	0.0-2.9	0.5-1.0	.28	.28			
----------	28-36	70-80- 98	0-12- 30	0- 8- 15	1.50-1.75	10.00-100.00	0.02-0.06	0.0-2.9	0.0-0.5	.05	.05			
----------	36-79	70-88- 98	0- 7- 30	0- 5- 15	1.50-1.75	100.00-705.0 0	0.02-0.06	0.0-2.9	0.0-0.5	.02	.02			
177B:														
Saude----------	0-7	35-44- 55	21-37- 50	15-19- 24	1.40-1.45	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.20	.20	3	5	56
----------	7-13	35-44- 55	21-37- 50	15-19- 24	1.40-1.45	1.00-10.00	0.20-0.22	0.0-2.9	2.0-4.0	.20	.20			
----------	13-16	35-46- 55	21-37- 50	15-17- 24	1.40-1.50	1.00-10.00	0.15-0.19	0.0-2.9	1.0-3.0	.28	.28			
----------	16-24	40-50- 70	12-35- 48	12-15- 18	1.40-1.50	1.00-10.00	0.15-0.19	0.0-2.9	0.5-1.0	.32	.32			
----------	24-28	40-55- 70	12-30- 48	12-15- 18	1.40-1.50	10.00-100.00	0.15-0.19	0.0-2.9	0.5-1.0	.28	.28			
----------	28-36	70-80- 98	0-12- 30	0- 8- 15	1.50-1.75	10.00-100.00	0.02-0.06	0.0-2.9	0.0-0.5	.05	.05			
----------	36-79	70-88- 98	0- 7- 30	0- 5- 15	1.50-1.75	100.00-705.0 0	0.02-0.06	0.0-2.9	0.0-0.5	.02	.02			
177C:														
Saude----------	0-7	35-44- 55	21-37- 50	15-19- 24	1.40-1.45	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.20	.20	3	5	56
----------	7-13	35-44- 55	21-37- 50	15-19- 24	1.40-1.45	1.00-10.00	0.20-0.22	0.0-2.9	2.0-4.0	.20	.20			
----------	13-16	35-46- 55	21-37- 50	15-17- 24	1.40-1.50	1.00-10.00	0.15-0.19	0.0-2.9	1.0-3.0	.28	.28			
----------	16-24	40-50- 70	12-35- 48	12-15- 18	1.40-1.50	1.00-10.00	0.15-0.19	0.0-2.9	0.5-1.0	.32	.32			
----------	24-28	40-55- 70	12-30- 48	12-15- 18	1.40-1.50	10.00-100.00	0.15-0.19	0.0-2.9	0.5-1.0	.28	.28			
----------	28-36	70-80- 98	0-12- 30	0- 8- 15	1.50-1.75	10.00-100.00	0.02-0.06	0.0-2.9	0.0-0.5	.05	.05			
----------	36-79	70-88- 98	0- 7- 30	0- 5- 15	1.50-1.75	100.00-705.0	0.02-0.06	0.0-2.9	0.0-0.5	.02	.02			

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
178A:														
Waukee	0-8	15-40- 50	28-39- 61	18-21- 24	1.25-1.41	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.28	.28	3	6	48
	8-18	15-40- 50	28-39- 61	18-21- 24	1.36-1.42	1.00-10.00	0.20-0.22	0.0-2.9	2.0-3.0	.32	.32			
	18-24	30-42- 60	16-36- 52	18-22- 27	1.31-1.48	1.00-10.00	0.15-0.19	0.0-2.9	0.5-2.0	.32	.32			
	24-33	30-42- 60	16-36- 52	18-22- 27	1.31-1.48	1.00-10.00	0.15-0.19	0.0-2.9	0.5-2.0	.32	.32			
	33-48	70-84- 98	0-11- 30	0- 5- 15	1.59-1.70	10.00-100.00	0.02-0.06	0.0-2.9	0.0-0.5	.10	.10			
	48-79	70-94- 98	0- 1- 22	0- 5- 15	1.57-1.69	100.00-705.0 0	0.02-0.06	0.0-1.4	0.0-0.5	.02	.02			
178B:														
Waukee	0-8	15-40- 50	28-39- 61	18-21- 24	1.25-1.41	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.28	.28	3	6	48
	8-18	15-40- 50	28-39- 61	18-21- 24	1.36-1.42	1.00-10.00	0.20-0.22	0.0-2.9	2.0-3.0	.32	.32			
	18-24	30-42- 60	16-36- 52	18-22- 27	1.31-1.48	1.00-10.00	0.15-0.19	0.0-2.9	0.5-2.0	.32	.32			
	24-33	30-42- 60	16-36- 52	18-22- 27	1.31-1.48	1.00-10.00	0.15-0.19	0.0-2.9	0.5-2.0	.32	.32			
	33-48	70-84- 98	0-11- 30	0- 5- 15	1.59-1.70	10.00-100.00	0.02-0.06	0.0-2.9	0.0-0.5	.10	.10			
	48-79	70-94- 98	0- 1- 22	0- 5- 15	1.57-1.69	100.00-705.0 0	0.02-0.06	0.0-1.4	0.0-0.5	.02	.02			
184A:														
Klinger	0-8	5-10- 15	52-62- 71	24-28- 35	1.27-1.38	1.00-10.00	0.22-0.24	3.0-5.9	4.0-6.0	.28	.28	5	6	48
	8-14	5-10- 15	52-62- 71	24-28- 35	1.27-1.38	1.00-10.00	0.22-0.24	3.0-5.9	2.0-5.0	.28	.28			
	14-19	5-10- 15	52-62- 71	24-28- 35	1.33-1.41	1.00-10.00	0.22-0.24	3.0-5.9	1.0-4.0	.32	.32			
	19-29	5-10- 15	50-60- 70	24-30- 35	1.33-1.41	1.00-10.00	0.18-0.20	3.0-5.9	0.5-2.0	.43	.43			
	29-45	25-40- 50	20-36- 53	18-24- 30	1.75-1.90	0.01-1.00	0.11-0.17	0.0-2.9	0.0-0.5	.37	.37			
	45-59	25-40- 50	20-36- 53	18-24- 30	1.75-1.90	0.01-1.00	0.11-0.17	0.0-2.9	0.0-0.5	.37	.37			
	59-72	35-40- 50	28-36- 47	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
	72-79	35-40- 50	28-36- 47	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
198B:														
Floyd	0-16	15-30- 50	27-47- 60	18-23- 30	1.20-1.60	1.00-10.00	0.19-0.23	3.0-5.9	3.0-5.0	.20	.20	5	6	48
	16-24	15-30- 50	27-47- 60	18-23- 30	1.25-1.60	1.00-10.00	0.18-0.22	3.0-5.9	2.0-4.0	.28	.28			
	24-33	30-55- 75	20-24- 50	18-21- 30	1.30-1.65	1.00-10.00	0.17-0.21	1.2-2.9	1.0-2.0	.28	.28			
	33-41	40-70- 85	10-15- 40	10-15- 25	1.30-1.65	1.00-100.00	0.11-0.15	0.8-2.9	0.5-1.0	.24	.24			
	41-50	30-45- 70	12-32- 45	18-23- 28	1.60-1.90	0.01-1.00	0.14-0.18	1.0-2.9	0.0-1.0	.32	.32			
	50-79	35-44- 50	23-34- 45	18-22- 27	1.60-1.90	0.01-1.00	0.14-0.18	0.8-2.9	0.0-0.5	.37	.37			
204B:														
Dodgeville, deep	0-7	0- 4- 10	60-75- 80	12-21- 27	1.10-1.35	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.37	.37	2	6	48
	7-13	0- 4- 10	60-75- 80	12-21- 27	1.10-1.35	1.00-10.00	0.20-0.22	0.0-2.9	2.0-3.0	.49	.49			
	13-16	0- 4- 10	60-70- 80	25-26- 35	1.25-1.55	1.00-10.00	0.20-0.22	0.0-2.9	0.8-1.5	.55	.55			
	16-23	0- 4- 10	60-66- 80	25-30- 35	1.25-1.55	1.00-10.00	0.18-0.20	2.9-5.8	0.5-1.0	.49	.49			
	23-35	0- 8- 20	20-42- 50	45-50- 75	1.50-1.60	0.01-0.10	0.12-0.15	7.3-12.1	0.0-0.5	.32	.32			
	35-80	--	--	--	---	10.00-100.00	---	---	---	---	---			
204C:														
Dodgeville, deep	0-14	-12-	-69-	12-20- 27	1.10-1.35	1.00-10.00	0.19-0.24	0.0-2.9	3.0-4.0	.37	.37	2	5	56
	14-34	- 7-	-61-	20-33- 45	1.25-1.55	1.00-10.00	0.09-0.22	6.0-8.9	0.5-1.0	.43	.43			
	34-37	- 5-	-45-	40-50- 80	1.25-1.55	0.01-0.10	0.06-0.13	6.0-8.9	0.0-0.5	.32	.32			
	37-41	--	--	--	---	10.00-100.00	---	---	---	---	---			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
207C2:														
Whalan, moderately deep, moderately eroded	0-6	15-35- 50	30-44- 60	18-21- 25	1.30-1.45	1.00-10.00	0.22-0.24	1.9-3.4	1.5-2.5	.37	.37	2	6	48
	6-12	20-38- 50	30-38- 50	18-24- 35	1.40-1.55	1.00-10.00	0.17-0.19	1.8-5.3	0.8-1.3	.43	.43			
	12-17	20-38- 50	30-34- 45	18-28- 35	1.40-1.55	1.00-10.00	0.17-0.19	1.8-5.2	0.5-1.0	.37	.37			
	17-22	20-38- 50	30-34- 45	18-28- 35	1.40-1.55	1.00-10.00	0.17-0.19	1.7-5.2	0.3-0.8	.37	.37			
	22-24	0-23- 45	20-29- 40	35-48- 60	1.35-1.45	0.01-0.10	0.15-0.19	3.2-10.8	0.0-0.5	.28	.28			
	24-79	--	--	--	---	0.00-100.00	---	---	---	---	---			
212:														
Kennebec, occasionally flooded	0-5	- 9-	-66-	22-25- 27	1.25-1.35	1.00-10.00	0.22-0.24	3.0-5.9	4.0-6.0	.32	.32	5	6	48
	5-43	- 8-	-68-	22-25- 27	1.25-1.35	1.00-10.00	0.22-0.24	3.0-5.9	4.0-6.0	.37	.37			
	43-58	-66-	-15-	14-19- 24	1.55-1.70	10.00-100.00	0.15-0.18	0.0-2.9	2.0-3.0	.17	.17			
	58-72	-38-	-43-	14-19- 24	1.55-1.70	1.00-10.00	0.15-0.18	0.0-2.9	2.0-3.0	.43	.43			
213B:														
Rockton, deep	0-14	-40-	-38-	18-23- 27	1.30-1.40	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.32	.32	2	6	48
	14-19	-34-	-37-	25-30- 35	1.40-1.55	1.00-10.00	0.17-0.19	3.0-5.9	0.5-1.0	.37	.37			
	19-36	-30-	-32-	35-39- 60	1.35-1.45	0.10-1.00	0.10-0.14	6.0-8.9	0.0-0.5	.28	.28			
	36-40	--	--	--	---	10.00-100.00	---	---	---	---	---			
213C:														
Rockton, deep	0-14	-40-	-38-	18-23- 27	1.30-1.40	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.32	.32	2	6	48
	14-19	-34-	-37-	25-30- 35	1.40-1.55	1.00-10.00	0.17-0.19	3.0-5.9	0.5-1.0	.37	.37			
	19-36	-30-	-32-	35-39- 60	1.35-1.45	0.10-1.00	0.10-0.14	6.0-8.9	0.0-0.5	.28	.28			
	36-40	--	--	--	---	10.00-100.00	---	---	---	---	---			
214B:														
Rockton, moderately deep	0-14	-40-	-38-	18-23- 27	1.30-1.40	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.32	.32	2	6	48
	14-19	-34-	-37-	25-30- 35	1.40-1.55	1.00-10.00	0.17-0.19	3.0-5.9	0.5-1.0	.37	.37			
	19-23	-30-	-32-	35-39- 60	1.35-1.45	0.10-1.00	0.10-0.14	6.0-8.9	0.0-0.5	.28	.28			
	23-38	--	--	--	---	10.00-100.00	---	---	---	---	---			
214C:														
Rockton, moderately deep	0-14	-40-	-38-	18-23- 27	1.30-1.40	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.32	.32	2	6	48
	14-19	-34-	-37-	25-30- 35	1.40-1.55	1.00-10.00	0.17-0.19	3.0-5.9	0.5-1.0	.37	.37			
	19-23	-30-	-32-	35-39- 60	1.35-1.45	0.10-1.00	0.10-0.14	6.0-8.9	0.0-0.5	.28	.28			
	23-38	--	--	--	---	10.00-100.00	---	---	---	---	---			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
214D:														
Rockton, moderately deep	0-14	-40-	-38-	18-23- 27	1.30-1.40	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.32	.32	2	6	48
	14-19	-34-	-37-	25-30- 35	1.40-1.55	1.00-10.00	0.17-0.19	3.0-5.9	0.5-1.0	.37	.37			
	19-23	-30-	-32-	35-39- 60	1.35-1.45	0.10-1.00	0.10-0.14	6.0-8.9	0.0-0.5	.28	.28			
	23-38	--	--	--	---	10.00-100.00	---	---	---	---	---			
220:														
Nodaway, occasionally flooded	0-8	- 8-	-70-	18-23- 27	1.25-1.35	1.00-10.00	0.20-0.23	0.0-2.9	2.0-3.0	.37	.37	5	6	48
	8-31	- 7-	-70-	18-23- 28	1.25-1.35	1.00-10.00	0.20-0.23	3.0-5.9	0.0-0.5	.49	.49			
	31-42	- 7-	-70-	18-23- 30	1.25-1.35	1.00-10.00	0.20-0.23	3.0-5.9	0.0-0.5	.49	.49			
	42-80	- 7-	-70-	18-23- 28	1.25-1.35	1.00-10.00	0.20-0.23	3.0-5.9	0.0-0.5	.49	.49			
221:														
Klossner	0-10	--	--	25-28- 30	0.30-0.40	0.10-10.00	0.35-0.45	---	50-100	---	---	1	8	0
	10-26	--	--	25-28- 30	0.30-0.40	0.10-10.00	0.35-0.45	---	50-100	---	---			
	26-36	10-15- 30	35-57- 70	15-28- 35	0.15-0.30	1.00-10.00	0.35-0.45	0.0-5.8	5.0-20	.37	.37			
	36-48	10-15- 25	40-55- 75	15-30- 35	0.15-0.30	1.00-10.00	0.35-0.45	0.0-5.8	5.0-20	.32	.32			
	48-65	25-29- 45	20-41- 68	7-30- 35	1.75-1.90	1.00-10.00	0.14-0.22	0.0-5.8	0.0-5.0	.32	.32			

----------	65-80	30-42- 50	15-37- 63	7-21- 35	1.75-1.90	1.00-10.00	0.14-0.22	0.0-5.8	0.0-5.0	.37	.37			
284A:														
Flagler----------	0-12	-66-	-19-	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.14	0.0-2.9	2.0-3.0	.15	.15	3	3	86
----------	12-25	-68-	-20-	10-13- 15	1.55-1.60	10.00-100.00	0.11-0.13	0.0-2.9	0.0-1.0	.24	.24			
----------	25-60	-79-	-16-	2- 5- 8	1.60-1.75	10.00-100.00	0.02-0.04	0.0-2.9	0.0-0.5	.24	.24			
284B:														
Flagler----------	0-12	-66-	-19-	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.14	0.0-2.9	1.5-2.5	.17	.17	3	3	86
----------	12-25	-68-	-20-	10-13- 15	1.55-1.60	10.00-100.00	0.11-0.13	0.0-2.9	0.0-1.0	.24	.24			
----------	25-60	-79-	-16-	2- 5- 8	1.60-1.75	10.00-100.00	0.02-0.04	0.0-2.9	0.0-0.5	.24	.24			
284C:														
Flagler----------	0-12	-66-	-19-	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.14	0.0-2.9	1.5-2.5	.17	.17	3	3	86
----------	12-25	-68-	-20-	10-13- 15	1.55-1.60	10.00-100.00	0.11-0.13	0.0-2.9	0.0-1.0	.24	.24			
----------	25-60	-79-	-16-	2- 5- 8	1.60-1.75	10.00-100.00	0.02-0.04	0.0-2.9	0.0-0.5	.24	.24			
284C2:														
Flagler, moderately eroded----------	0-12	-66-	-19-	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.14	0.0-2.9	1.0-2.0	.17	.17	3	3	86
----------	12-25	-68-	-20-	10-13- 15	1.55-1.60	10.00-100.00	0.11-0.13	0.0-2.9	0.0-0.5	.24	.24			
----------	25-60	-79-	-16-	2- 5- 8	1.60-1.75	10.00-100.00	0.02-0.04	0.0-2.9	0.0-0.5	.24	.24			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
285C:														
Burkhardt----------	0-10	-67-	-24-	5- 9- 13	1.35-1.55	10.00-100.00	0.11-0.15	0.0-2.9	2.0-3.0	.20	.20	2	3	86
----------	10-15	-67-	-20-	8-13- 18	1.55-1.65	10.00-100.00	0.10-0.19	0.0-2.9	0.5-1.0	.24	.24			
----------	15-60	-90-	- 6-	1- 4- 6	1.50-1.80	100.00-705.00	0.02-0.04	0.0-2.9	0.0-0.5	.05	.10			
285D2:														
Burkhardt, moderately eroded---	0-10	-67-	-24-	5- 9- 13	1.35-1.55	10.00-100.00	0.11-0.15	0.0-2.9	1.0-2.0	.24	.24	2	3	86
----------	10-15	-67-	-20-	8-13- 18	1.55-1.65	10.00-100.00	0.10-0.19	0.0-2.9	0.5-1.0	.24	.24			
----------	15-60	-90-	- 6-	1- 4- 6	1.50-1.80	100.00-705.00	0.02-0.04	0.0-2.9	0.0-0.5	.10	.10			
291A:														
Atterberry----------	0-16	-10-	-68-	20-23- 26	1.35-1.55	1.00-10.00	0.22-0.25	0.0-2.9	3.0-4.0	.37	.37	5	6	48
----------	16-46	- 9-	-63-	25-28- 35	1.40-1.60	1.00-10.00	0.14-0.24	3.0-5.9	0.5-1.0	.49	.49			
----------	46-60	- 7-	-73-	15-20- 26	1.40-1.60	1.00-10.00	0.21-0.24	0.0-2.9	0.1-0.5	.49	.49			
291B:														
Atterberry----------	0-16	-10-	-68-	20-23- 26	1.35-1.55	1.00-10.00	0.22-0.25	0.0-2.9	3.0-4.0	.37	.37	5	6	48
----------	16-46	- 9-	-63-	25-28- 35	1.40-1.60	1.00-10.00	0.14-0.24	3.0-5.9	0.5-1.0	.49	.49			
----------	46-60	- 7-	-73-	15-20- 26	1.40-1.60	1.00-10.00	0.21-0.24	0.0-2.9	0.1-0.5	.49	.49			
293C:														
Chelsea----------	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
----------	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
----------	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.39-1.50	1.00-10.00	0.18-0.22	1.6-3.8	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 3- 15	60-77- 84	15-20- 25	1.39-1.50	1.00-10.00	0.16-0.20	1.5-3.3	0.5-1.5	.49	.49			
----------	11-14	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	2.5-5.2	0.3-1.0	.49	.49			
----------	14-26	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	2.8-5.2	0.0-1.0	.43	.43			
----------	26-34	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	1.9-3.9	0.0-0.5	.49	.49			
----------	34-47	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	1.4-3.6	0.0-0.5	.49	.49			
----------	47-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	1.7-4.1	0.0-0.5	.49	.49			
Lamont----------	0-8	50-60- 80	0-31- 45	5- 9- 20	1.48-1.51	10.00-100.00	0.13-0.20	0.4-2.4	0.5-1.5	.28	.28	4	3	86
----------	8-23	50-69- 80	0-24- 45	5- 7- 20	1.57-1.70	10.00-100.00	0.14-0.20	0.4-2.4	0.0-0.5	.32	.32			
----------	23-39	35-66- 80	0-22- 50	5-12- 24	1.61-1.66	10.00-100.00	0.14-0.21	0.4-3.0	0.0-0.5	.28	.28			
----------	39-53	35-79- 80	0-11- 50	5-10- 24	1.56-1.66	10.00-100.00	0.14-0.21	0.3-2.1	0.0-0.5	.24	.24			
----------	53-79	70-92- 95	0- 3- 28	2- 5- 10	1.73-1.77	10.00-100.00	0.09-0.11	0.1-1.0	0.0-0.5	.02	.02			
293C2:														
Chelsea, eroded------	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
----------	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
----------	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.37-1.47	1.00-10.00	0.18-0.22	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	23-31	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	31-44	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Lamont, eroded-------	0-8	50-60- 80	0-31- 45	5- 9- 20	1.48-1.51	10.00-100.00	0.13-0.20	0.4-2.4	0.5-1.5	.28	.28	4	3	86
----------	8-23	50-69- 80	0-24- 45	5- 7- 20	1.57-1.70	10.00-100.00	0.14-0.20	0.4-2.4	0.0-0.5	.32	.32			
----------	23-39	35-66- 80	0-22- 50	5-12- 24	1.61-1.66	10.00-100.00	0.14-0.21	0.4-3.0	0.0-0.5	.28	.28			
----------	39-53	35-79- 80	0-11- 50	5-10- 24	1.56-1.66	10.00-100.00	0.14-0.21	0.3-2.1	0.0-0.5	.24	.24			
----------	53-79	70-92- 95	0- 3- 28	2- 5- 10	1.73-1.77	10.00-100.00	0.09-0.11	0.1-1.0	0.0-0.5	.02	.02			
293D:														
Chelsea----------	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
----------	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
----------	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.39-1.50	1.00-10.00	0.18-0.22	1.6-3.8	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 3- 15	60-77- 84	15-20- 25	1.39-1.50	1.00-10.00	0.16-0.20	1.5-3.3	0.5-1.5	.49	.49			
----------	11-14	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	2.5-5.2	0.3-1.0	.49	.49			
----------	14-26	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	2.8-5.2	0.0-1.0	.43	.43			
----------	26-34	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	1.9-3.9	0.0-0.5	.49	.49			
----------	34-47	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	1.4-3.6	0.0-0.5	.49	.49			
----------	47-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	1.7-4.1	0.0-0.5	.49	.49			
Lamont----------	0-8	50-60- 80	0-31- 45	5- 9- 20	1.48-1.51	10.00-100.00	0.13-0.20	0.4-2.4	0.5-1.5	.28	.28	4	3	86
----------	8-23	50-69- 80	0-24- 45	5- 7- 20	1.57-1.70	10.00-100.00	0.14-0.20	0.4-2.4	0.0-0.5	.32	.32			
----------	23-39	35-66- 80	0-22- 50	5-12- 24	1.61-1.66	10.00-100.00	0.14-0.21	0.4-3.0	0.0-0.5	.28	.28			
----------	39-53	35-79- 80	0-11- 50	5-10- 24	1.56-1.66	10.00-100.00	0.14-0.21	0.3-2.1	0.0-0.5	.24	.24			
----------	53-79	70-92- 95	0- 3- 28	2- 5- 10	1.73-1.77	10.00-100.00	0.09-0.11	0.1-1.0	0.0-0.5	.02	.02			
293D2:														
Chelsea, moderately eroded----------	0-4	-87-	- 2-	8-12- 15	1.50-1.55	10.00-100.00	0.10-0.15	0.0-2.9	0.1-1.1	.10	.10	5	2	134
----------	4-70	-91-	- 1-	5- 8- 10	1.55-1.70	100.00-705.00	0.06-0.08	0.0-2.9	0.0-0.5	.15	.15			
Fayette, moderately eroded----------	0-12	- 9-	-65-	25-26- 27	1.35-1.45	1.00-10.00	0.18-0.20	3.0-5.9	1.5-2.5	.43	.43	5	6	48
----------	12-48	- 7-	-63-	25-30- 35	1.30-1.45	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	48-60	- 9-	-67-	22-24- 26	1.45-1.50	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
Lamont, moderately eroded----------	0-6	-68-	-20-	10-13- 15	1.50-1.55	10.00-100.00	0.16-0.18	0.0-2.9	0.1-1.1	.20	.20	4	3	86

----------	6-20	-64-	-27-	5-10- 15	1.50-1.55	10.00-100.00	0.14-0.16	0.0-2.9	0.0-0.5	.37	.37			
----------	20-53	-65-	-26-	5-10- 22	1.45-1.65	10.00-100.00	0.14-0.16	0.0-2.9	0.0-0.5	.32	.32			
----------	53-80	-92-	- 2-	2- 6- 10	1.65-1.75	10.00-100.00	0.09-0.11	0.0-2.9	0.0-0.5	.15	.15			
293F:														
Chelsea----------	0-1	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
----------	1-4	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.08-0.12	0.1-0.9	0.3-0.8	.02	.02			
----------	4-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
----------	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
Fayette----------	0-3	1- 5- 13	60-75- 84	15-20- 27	1.39-1.50	1.00-10.00	0.18-0.22	1.6-3.8	2.0-3.5	.37	.37	5	6	48
----------	3-11	1- 3- 15	60-77- 84	15-20- 25	1.39-1.50	1.00-10.00	0.16-0.20	1.5-3.3	0.5-1.5	.49	.49			
----------	11-14	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	2.5-5.2	0.3-1.0	.49	.49			
----------	14-26	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	2.8-5.2	0.0-1.0	.43	.43			
----------	26-34	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	1.9-3.9	0.0-0.5	.49	.49			
----------	34-47	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	1.4-3.6	0.0-0.5	.49	.49			
----------	47-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	1.7-4.1	0.0-0.5	.49	.49			
Lamont----------	0-8	50-60- 80	0-31- 45	5- 9- 20	1.48-1.51	10.00-100.00	0.13-0.20	0.4-2.4	0.5-1.5	.28	.28	4	3	86
----------	8-23	50-69- 80	0-24- 45	5- 7- 20	1.57-1.70	10.00-100.00	0.14-0.20	0.4-2.4	0.0-0.5	.32	.32			
----------	23-39	35-66- 80	0-22- 50	5-12- 24	1.61-1.66	10.00-100.00	0.14-0.21	0.4-3.0	0.0-0.5	.28	.28			
----------	39-53	35-79- 80	0-11- 50	5-10- 24	1.56-1.66	10.00-100.00	0.14-0.21	0.3-2.1	0.0-0.5	.24	.24			
----------	53-79	70-92- 95	0- 3- 28	2- 5- 10	1.73-1.77	10.00-100.00	0.09-0.11	0.1-1.0	0.0-0.5	.02	.02			
293F2:														
Chelsea, eroded------	0-1	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
----------	1-4	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.08-0.12	0.1-0.9	0.3-0.8	.02	.02			
----------	4-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
----------	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.37-1.47	1.00-10.00	0.18-0.22	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	23-31	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	31-44	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Lamont, eroded-------	0-8	50-60- 80	0-31- 45	5- 9- 20	1.48-1.51	10.00-100.00	0.13-0.20	0.4-2.4	0.5-1.5	.28	.28	4	3	86
----------	8-23	50-69- 80	0-24- 45	5- 7- 20	1.57-1.70	10.00-100.00	0.14-0.20	0.4-2.4	0.0-0.5	.32	.32			
----------	23-39	35-66- 80	0-22- 50	5-12- 24	1.61-1.66	10.00-100.00	0.14-0.21	0.4-3.0	0.0-0.5	.28	.28			
----------	39-53	35-79- 80	0-11- 50	5-10- 24	1.56-1.66	10.00-100.00	0.14-0.21	0.3-2.1	0.0-0.5	.24	.24			
----------	53-79	70-92- 95	0- 3- 28	2- 5- 10	1.73-1.77	10.00-100.00	0.09-0.11	0.1-1.0	0.0-0.5	.02	.02			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
302C2:														
Coggon, moderately eroded----------	0-14	-42-	-37-	18-21- 24	1.45-1.50	1.00-10.00	0.18-0.20	0.0-2.9	1.5-2.5	.32	.32	5	6	48
----------	14-41	-39-	-37-	22-25- 28	1.50-1.70	1.00-10.00	0.17-0.19	0.0-2.9	0.5-1.0	.32	.32			
----------	41-60	-42-	-37-	18-21- 24	1.70-1.80	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.37	.37			
350A:														
Waukegan----------	0-15	-10-	-68-	18-23- 27	1.35-1.55	1.00-10.00	0.22-0.24	0.0-2.9	3.5-4.5	.37	.37	3	6	48
----------	15-32	- 7-	-65-	18-28- 30	1.35-1.55	1.00-10.00	0.20-0.22	0.0-2.9	1.0-2.0	.43	.43			
----------	32-60	-85-	- 9-	1- 6- 10	1.50-1.70	10.00-100.00	0.02-0.04	0.0-2.9	0.0-0.5	.20	.20			
350B:														
Waukegan----------	0-13	-10-	-68-	18-23- 27	1.35-1.55	1.00-10.00	0.22-0.24	0.0-2.9	3.0-4.0	.37	.37	3	6	48
----------	13-32	- 7-	-65-	18-28- 30	1.35-1.55	1.00-10.00	0.20-0.22	0.0-2.9	1.0-2.0	.43	.43			
----------	32-60	-85-	- 9-	1- 6- 10	1.50-1.70	10.00-100.00	0.02-0.04	0.0-2.9	0.0-0.5	.20	.20			
350C:														
Waukegan----------	0-13	-10-	-68-	18-23- 27	1.35-1.55	1.00-10.00	0.22-0.24	0.0-2.9	3.0-4.0	.37	.37	3	6	48
----------	13-32	- 7-	-65-	18-28- 30	1.35-1.55	1.00-10.00	0.20-0.22	0.0-2.9	1.0-2.0	.43	.43			
----------	32-60	-85-	- 9-	1- 6- 10	1.50-1.70	10.00-100.00	0.02-0.04	0.0-2.9	0.0-0.5	.20	.20			
351A:														
Atterberry, sandy substratum----------	0-16	- 9-	-67-	20-24- 27	1.35-1.55	1.00-10.00	0.22-0.25	0.0-2.9	3.0-4.0	.37	.37	4	6	48
----------	16-46	- 7-	-63-	27-30- 35	1.35-1.45	1.00-10.00	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	46-50	-68-	-20-	10-12- 14	1.50-1.60	10.00-100.00	0.11-0.13	0.0-2.9	0.0-0.5	.24	.24			
----------	50-60	-94-	- 1-	2- 5- 8	1.60-1.70	100.00-705.0 0	0.05-0.10	0.0-2.9	0.0-0.5	.05	.05			
352A:														
Whittier----------	0-9	-11-	-67-	18-22- 26	1.25-1.30	1.00-10.00	0.20-0.22	0.0-2.9	3.5-4.5	.37	.37	3	6	48
----------	9-20	- 7-	-63-	28-30- 32	1.30-1.40	1.00-10.00	0.17-0.19	3.0-5.9	0.5-1.0	.43	.43			
----------	20-37	-42-	-43-	12-15- 18	1.50-1.60	1.00-10.00	0.16-0.18	0.0-2.9	0.5-1.0	.55	.55			
----------	37-60	-85-	- 9-	2- 6- 10	1.60-1.70	10.00-100.00	0.04-0.07	0.0-2.9	0.0-1.0	.10	.10			
352B:														
Whittier----------	0-11	-11-	-67-	18-22- 26	1.25-1.30	1.00-10.00	0.20-0.22	0.0-2.9	3.0-4.0	.37	.37	3	6	48
----------	11-32	- 7-	-63-	28-30- 32	1.30-1.40	1.00-10.00	0.17-0.19	3.0-5.9	0.5-1.0	.43	.43			
----------	32-37	-42-	-43-	12-15- 18	1.50-1.60	1.00-10.00	0.16-0.18	0.0-2.9	0.5-1.0	.55	.55			
----------	37-60	-93-	- 1-	2- 6- 10	1.60-1.70	100.00-705.0 0	0.04-0.07	0.0-2.9	0.0-1.0	.15	.15			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
352C2:														
Whittier, moderately eroded----------	0-8	-11-	-67-	18-22- 26	1.25-1.30	1.00-10.00	0.20-0.22	0.0-2.9	2.2-3.2	.43	.43	3	6	48
----------	8-30	- 7-	-63-	28-30- 32	1.30-1.40	1.00-10.00	0.17-0.19	3.0-5.9	0.5-1.0	.43	.43			
----------	30-34	-42-	-43-	12-15- 18	1.50-1.60	1.00-10.00	0.16-0.18	0.0-2.9	0.5-1.0	.55	.55			
----------	34-43	-85-	- 9-	2- 6- 10	1.60-1.70	10.00-100.00	0.04-0.07	0.0-2.9	0.0-1.0	.28	.28			
----------	43-60	60-91- 95	0- 1- 35	5- 8- 10	1.55-1.70	100.00-705.0 0	0.06-0.08	0.0-0.0	0.0-0.5	.02	.02			
353B:														
Tell----------	0-12	-14-	-70-	14-16- 18	1.35-1.45	1.00-10.00	0.22-0.24	0.0-2.9	2.0-3.0	.43	.43	3	5	56
----------	12-25	- 7-	-65-	20-28- 30	1.50-1.60	1.00-10.00	0.18-0.22	3.0-5.9	0.0-0.5	.49	.49			
----------	25-32	-41-	-42-	10-18- 25	1.50-1.60	1.00-10.00	0.11-0.19	0.0-2.9	0.0-0.5	.55	.55			
----------	32-60	-94-	- 1-	2- 5- 8	1.55-1.70	100.00-705.0 0	0.04-0.07	0.0-2.9	0.0-0.5	.05	.05			
353C2:														
Tell, moderately eroded----------	0-12	-14-	-70-	14-16- 18	1.35-1.45	1.00-10.00	0.22-0.24	0.0-2.9	1.5-2.5	.49	.49	3	5	56
----------	12-25	- 7-	-65-	20-28- 30	1.50-1.60	1.00-10.00	0.18-0.22	3.0-5.9	0.0-0.5	.49	.49			
----------	25-32	-41-	-42-	10-18- 25	1.50-1.60	1.00-10.00	0.11-0.19	0.0-2.9	0.0-0.5	.55	.55			
----------	32-60	-94-	- 1-	2- 5- 8	1.55-1.70	100.00-705.0 0	0.04-0.07	0.0-2.9	0.0-0.5	.05	.05			
354:														
Marsh----------	0-36	-19-	-53-	25-28- 30	0.25-0.45	1.00-100.00	0.35-0.45	---	10-50	.28	.28	1	---	---
----------	36-63	-26-	-53-	7-21- 35	1.45-1.75	1.00-10.00	0.14-0.22	0.0-2.9	5.0-10	.32	.32			
377B:														
Dinsdale----------	0-7	2- 8- 15	53-64- 76	20-28- 32	1.33-1.38	1.00-10.00	0.16-0.20	3.0-5.9	3.0-4.0	.37	.37	5	6	48
----------	7-12	2- 7- 15	53-64- 76	20-29- 32	1.28-1.34	1.00-10.00	0.16-0.20	3.0-5.9	2.0-3.0	.32	.32			
----------	12-19	2- 7- 15	53-64- 73	22-29- 32	1.33-1.34	1.00-10.00	0.17-0.20	3.0-5.9	1.0-2.0	.43	.43			
----------	19-28	2- 9- 15	50-57- 70	22-34- 35	1.34-1.43	1.00-10.00	0.17-0.20	3.0-5.9	0.5-2.0	.43	.43			
----------	28-34	2- 9- 15	50-60- 73	22-31- 35	1.34-1.44	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
----------	34-46	30-45- 65	15-30- 50	20-25- 30	1.75-1.90	0.01-1.00	0.10-0.18	3.0-5.9	0.0-0.5	.32	.32			
----------	46-58	35-45- 50	20-33- 41	18-22- 30	1.75-1.90	0.01-1.00	0.12-0.20	0.0-2.9	0.0-0.5	.37	.37			
----------	58-79	35-45- 50	20-33- 41	18-22- 30	1.75-1.90	0.01-1.00	0.12-0.20	0.0-2.9	0.0-0.5	.37	.37			
377C:														

Dinsdale----------	0-7	2- 8- 15	53-64- 76	20-28- 32	1.33-1.38	1.00-10.00	0.16-0.20	3.0-5.9	3.0-4.0	.37	.37	5	6	48
----------	7-12	2- 7- 15	53-64- 76	20-29- 32	1.28-1.34	1.00-10.00	0.16-0.20	3.0-5.9	2.0-3.0	.32	.32			
----------	12-19	2- 7- 15	53-64- 73	22-29- 32	1.33-1.34	1.00-10.00	0.17-0.20	3.0-5.9	1.0-2.0	.43	.43			
----------	19-28	2- 9- 15	50-57- 70	22-34- 35	1.34-1.43	1.00-10.00	0.17-0.20	3.0-5.9	0.5-2.0	.43	.43			
----------	28-34	2- 9- 15	50-60- 73	22-31- 35	1.34-1.44	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
----------	34-46	30-45- 65	15-30- 50	20-25- 30	1.75-1.90	0.01-1.00	0.10-0.18	3.0-5.9	0.0-0.5	.32	.32			
----------	46-58	35-45- 50	20-33- 41	18-22- 30	1.75-1.90	0.01-1.00	0.12-0.20	0.0-2.9	0.0-0.5	.37	.37			
----------	58-79	35-45- 50	20-33- 41	18-22- 30	1.75-1.90	0.01-1.00	0.12-0.20	0.0-2.9	0.0-0.5	.37	.37			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
377C2:														
Dinsdale, eroded-----	0-6	2- 8- 15	53-64- 76	20-28- 32	1.37-1.39	1.00-10.00	0.16-0.20	3.0-5.9	2.5-3.5	.37	.37	5	6	48
----------	6-14	2- 9- 15	50-59- 70	22-32- 35	1.34-1.43	1.00-10.00	0.17-0.20	3.0-5.9	0.5-2.0	.37	.37			
----------	14-30	2- 9- 15	50-60- 73	22-31- 35	1.34-1.44	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
----------	30-42	30-45- 65	15-30- 50	20-25- 30	1.75-1.90	0.01-1.00	0.10-0.18	3.0-5.9	0.0-0.5	.32	.32			
----------	42-53	35-45- 50	20-33- 41	18-22- 30	1.75-1.90	0.01-1.00	0.12-0.20	0.0-2.9	0.0-0.5	.37	.37			
----------	53-79	35-45- 50	20-33- 41	18-22- 30	1.75-1.90	0.01-1.00	0.12-0.20	0.0-2.9	0.0-0.5	.37	.37			
381B:														
Klinger----------	0-8	5-10- 15	52-62- 71	24-28- 35	1.27-1.38	1.00-10.00	0.22-0.24	3.0-5.9	4.0-6.0	.28	.28	5	6	48
----------	8-14	5-10- 15	52-62- 71	24-28- 35	1.27-1.38	1.00-10.00	0.22-0.24	3.0-5.9	2.0-5.0	.28	.28			
----------	14-19	5-10- 15	52-62- 71	24-28- 35	1.33-1.41	1.00-10.00	0.22-0.24	3.0-5.9	1.0-4.0	.32	.32			
----------	19-29	5-10- 15	50-60- 70	24-30- 35	1.33-1.41	1.00-10.00	0.18-0.20	3.0-5.9	0.5-2.0	.43	.43			
----------	29-45	25-40- 50	20-36- 53	18-24- 30	1.75-1.90	0.01-1.00	0.11-0.17	0.0-2.9	0.0-0.5	.37	.37			
----------	45-59	25-40- 50	20-36- 53	18-24- 30	1.75-1.90	0.01-1.00	0.11-0.17	0.0-2.9	0.0-0.5	.37	.37			
----------	59-72	35-40- 50	28-36- 47	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
----------	72-79	35-40- 50	28-36- 47	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
Maxfield----------	0-12	2- 7- 15	55-65- 76	20-28- 30	1.15-1.25	1.00-10.00	0.21-0.23	0.0-2.9	6.0-8.0	.37	.37	5	6	48
----------	12-19	2- 7- 15	55-65- 76	20-28- 30	1.15-1.35	1.00-10.00	0.21-0.23	3.0-5.9	3.0-6.0	.37	.37			
----------	19-29	2- 7- 15	53-64- 73	25-29- 34	1.30-1.40	1.00-10.00	0.18-0.20	3.0-5.9	0.5-2.0	.49	.49			
----------	29-47	25-33- 50	24-41- 53	18-26- 27	1.75-1.90	0.01-1.00	0.09-0.17	3.0-5.9	0.0-0.5	.37	.37			
----------	47-55	25-33- 50	26-43- 53	18-24- 27	1.75-1.90	0.01-1.00	0.11-0.17	0.0-2.9	0.0-0.5	.43	.43			
----------	55-70	35-44- 50	28-34- 46	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
----------	70-79	35-44- 50	28-34- 46	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
382:														
Maxfield----------	0-12	2- 7- 15	55-65- 76	20-28- 30	1.15-1.25	1.00-10.00	0.21-0.23	0.0-2.9	6.0-8.0	.37	.37	5	6	48
----------	12-19	2- 7- 15	55-65- 76	20-28- 30	1.15-1.35	1.00-10.00	0.21-0.23	3.0-5.9	3.0-6.0	.37	.37			
----------	19-29	2- 7- 15	53-64- 73	25-29- 34	1.30-1.40	1.00-10.00	0.18-0.20	3.0-5.9	0.5-2.0	.49	.49			
----------	29-47	25-33- 50	24-41- 53	18-26- 27	1.75-1.90	0.01-1.00	0.09-0.17	3.0-5.9	0.0-0.5	.37	.37			
----------	47-55	25-33- 50	26-43- 53	18-24- 27	1.75-1.90	0.01-1.00	0.11-0.17	0.0-2.9	0.0-0.5	.43	.43			
----------	55-70	35-44- 50	28-34- 46	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
----------	70-79	35-44- 50	28-34- 46	18-22- 27	1.75-1.90	0.01-1.00	0.12-0.18	0.0-2.9	0.0-0.5	.37	.37			
391B:														
Clyde----------	0-17	10-18- 45	15-52- 70	20-30- 40	1.20-1.50	1.00-10.00	0.20-0.24	1.3-2.9	6.0-9.0	.24	.24	5	6	48
----------	17-23	15-18- 45	20-52- 65	20-30- 35	1.20-1.60	1.00-10.00	0.18-0.22	3.0-5.9	1.0-4.0	.37	.37			
----------	23-28	15-30- 45	20-40- 67	18-30- 35	1.30-1.70	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.32	.32			
----------	28-41	15-17- 45	20-53- 67	18-30- 35	1.30-1.70	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
----------	41-44	20-65- 80	0-20- 70	10-15- 30	1.30-1.70	1.00-100.00	0.10-0.14	0.6-2.9	0.5-1.0	.28	.28			
----------	44-62	25-45- 52	28-35- 50	10-20- 27	1.60-1.90	0.01-1.00	0.14-0.18	0.7-2.9	0.0-0.5	.43	.43			
----------	62-79	25-45- 52	28-35- 50	10-20- 27	1.60-1.90	0.01-1.00	0.14-0.18	0.5-2.9	0.0-0.5	.43	.43			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
Floyd----------	0-16	15-30- 50	27-47- 60	18-23- 30	1.20-1.60	1.00-10.00	0.19-0.23	3.0-5.9	3.0-5.0	.20	.20	5	6	48
----------	16-24	15-30- 50	27-47- 60	18-23- 30	1.25-1.60	1.00-10.00	0.18-0.22	3.0-5.9	2.0-4.0	.28	.28			
----------	24-33	30-55- 75	7-24- 50	18-21- 30	1.30-1.65	1.00-10.00	0.17-0.21	1.2-2.9	1.0-2.0	.28	.28			
----------	33-41	40-70- 85	5-15- 40	10-15- 25	1.30-1.65	1.00-100.00	0.11-0.15	0.8-2.9	0.5-1.0	.24	.24			
----------	41-50	30-45- 70	12-32- 45	18-23- 28	1.60-1.90	0.01-1.00	0.14-0.18	1.0-2.9	0.0-1.0	.32	.32			
----------	50-79	35-44- 50	23-34- 45	18-22- 27	1.60-1.90	0.01-1.00	0.14-0.18	0.8-2.9	0.0-0.5	.37	.37			
393B:														
Sparta, loamy substratum----------	0-11	70-84- 98	0-10- 29	1- 6- 10	1.40-1.65	10.00-100.00	0.09-0.12	0.0-2.9	1.0-2.0	.24	.24	5	2	134
----------	11-15	70-87- 98	0- 7- 29	1- 6- 10	1.45-1.70	10.00-100.00	0.09-0.12	0.0-2.9	0.5-1.0	.24	.24			
----------	15-42	80-90- 98	0- 6- 19	1- 4- 8	1.40-1.60	10.00-100.00	0.05-0.11	0.0-2.9	0.0-0.5	.28	.28			
----------	42-71	36-44- 50	28-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.11-0.18	0.0-2.9	0.0-0.5	.37	.37			
----------	71-79	36-44- 50	28-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.11-0.18	0.0-2.9	0.0-0.5	.37	.37			
393C:														
Sparta, loamy substratum----------	0-11	70-84- 98	0-10- 29	1- 6- 10	1.40-1.65	10.00-100.00	0.09-0.12	0.0-2.9	1.0-2.0	.24	.24	5	2	134
----------	11-15	70-87- 98	0- 7- 29	1- 6- 10	1.45-1.70	10.00-100.00	0.09-0.12	0.0-2.9	0.5-1.0	.24	.24			
----------	15-42	80-90- 98	0- 6- 19	1- 4- 8	1.40-1.60	10.00-100.00	0.05-0.11	0.0-2.9	0.0-0.5	.28	.28			
----------	42-71	36-44- 50	28-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.11-0.18	0.0-2.9	0.0-0.5	.37	.37			
----------	71-79	36-44- 50	28-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.11-0.18	0.0-2.9	0.0-0.5	.37	.37			
394:														
Ostrander----------	0-8	15-40- 50	30-38- 60	18-23- 27	1.45-1.55	1.00-10.00	0.20-0.24	0.4-3.2	3.0-4.0	.24	.24	5	6	48
----------	8-19	15-30- 50	30-48- 60	18-23- 27	1.45-1.55	1.00-10.00	0.20-0.24	0.4-3.2	3.0-4.0	.32	.32			
----------	19-31	15-40- 50	30-38- 60	18-23- 27	1.45-1.55	1.00-10.00	0.17-0.20	0.4-3.2	1.0-2.0	.32	.32			
----------	31-45	15-40- 50	30-34- 60	18-26- 30	1.75-1.90	1.00-10.00	0.17-0.19	0.4-4.2	0.0-0.5	.32	.32			
----------	45-79	15-40- 50	30-34- 60	18-26- 30	1.75-1.90	1.00-10.00	0.17-0.19	0.4-4.2	0.0-0.5	.32	.32			
394B:														
Ostrander----------	0-8	15-40- 50	30-38- 60	18-23- 27	1.45-1.55	1.00-10.00	0.20-0.24	0.4-3.2	3.0-4.0	.24	.24	5	6	48
----------	8-19	15-30- 50	30-48- 60	18-23- 27	1.45-1.55	1.00-10.00	0.20-0.24	0.4-3.2	3.0-4.0	.32	.32			
----------	19-31	15-40- 50	30-38- 60	18-23- 27	1.45-1.55	1.00-10.00	0.17-0.20	0.4-3.2	1.0-2.0	.32	.32			
----------	31-45	15-40- 50	30-34- 60	18-26- 30	1.75-1.90	1.00-10.00	0.17-0.19	0.4-4.2	0.0-0.5	.32	.32			
----------	45-79	15-40- 50	30-34- 60	18-26- 30	1.75-1.90	1.00-10.00	0.17-0.19	0.4-4.2	0.0-0.5	.32	.32			
394C:														
Ostrander----------	0-8	15-40- 50	30-38- 60	18-23- 27	1.45-1.55	1.00-10.00	0.20-0.24	0.4-3.2	3.0-4.0	.24	.24	5	6	48
----------	8-19	15-30- 50	30-48- 60	18-23- 27	1.45-1.55	1.00-10.00	0.20-0.24	0.4-3.2	3.0-4.0	.32	.32			
----------	19-31	15-40- 50	30-38- 60	18-23- 27	1.45-1.55	1.00-10.00	0.17-0.20	0.4-3.2	1.0-2.0	.32	.32			
----------	31-45	15-40- 50	30-34- 60	18-26- 30	1.75-1.90	1.00-10.00	0.17-0.19	0.4-4.2	0.0-0.5	.32	.32			
----------	45-79	15-40- 50	30-34- 60	18-26- 30	1.75-1.90	1.00-10.00	0.17-0.19	0.4-4.2	0.0-0.5	.32	.32			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
398:														
Tripoli----------	0-9	15-16- 40	28-54- 60	25-30- 32	1.25-1.45	1.00-10.00	0.20-0.24	0.0-2.9	6.0-7.0	.24	.24	5	6	48
----------	9-14	15-16- 40	28-54- 60	25-30- 32	1.25-1.45	1.00-10.00	0.20-0.24	3.0-5.9	4.0-6.0	.28	.28			
----------	14-18	15-16- 40	28-54- 60	25-30- 32	1.25-1.45	1.00-10.00	0.20-0.24	3.0-5.9	3.0-5.0	.28	.28			
----------	18-23	20-28- 40	32-45- 58	22-27- 28	1.45-1.70	1.00-10.00	0.19-0.23	3.0-5.9	2.0-4.0	.37	.37			
----------	23-29	30-39- 50	23-36- 48	22-25- 28	1.75-1.90	0.01-1.00	0.15-0.19	3.0-5.9	1.0-2.0	.32	.32			
----------	29-38	30-39- 50	23-36- 48	22-25- 28	1.75-1.90	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.37	.37			
----------	38-79	35-44- 55	20-34- 47	18-22- 27	1.75-1.90	0.01-1.00	0.14-0.18	0.0-2.9	0.0-0.5	.37	.37			
399A:														
Readlyn----------	0-9	20-35- 40	30-42- 60	20-23- 30	1.25-1.45	1.00-10.00	0.19-0.23	3.0-5.9	4.5-5.5	.20	.20	5	6	48
----------	9-15	20-35- 40	30-42- 60	20-23- 30	1.25-1.45	1.00-10.00	0.18-0.22	3.0-5.9	3.0-4.0	.24	.24			
----------	15-19	20-35- 40	30-42- 60	20-23- 30	1.30-1.50	1.00-10.00	0.17-0.21	3.0-5.9	2.3-3.3	.32	.32			
----------	19-24	20-32- 40	30-43- 60	20-25- 30	1.45-1.70	1.00-10.00	0.16-0.20	3.0-5.9	1.5-2.5	.37	.37			
----------	24-35	30-42- 50	18-31- 48	22-27- 32	1.75-1.90	0.01-1.00	0.15-0.19	3.0-5.9	0.5-1.5	.32	.32			
----------	35-46	30-42- 50	18-31- 48	22-27- 32	1.75-1.90	0.01-1.00	0.14-0.18	3.0-5.9	0.3-0.8	.32	.32			
----------	46-60	35-44- 50	23-34- 47	18-22- 27	1.75-1.90	0.01-1.00	0.13-0.17	0.0-2.9	0.0-0.5	.37	.37			
----------	60-79	35-44- 50	23-34- 47	18-22- 27	1.75-1.90	0.01-1.00	0.13-0.17	0.0-2.9	0.0-0.5	.37	.37			

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
407B:														
Schley	0-7	-42-	-38-	18-20- 22	1.40-1.45	1.00-10.00	0.19-0.21	3.0-5.9	2.5-3.5	.24	.24	5	6	48
	7-13	-30-	-51-	18-20- 22	1.40-1.45	1.00-10.00	0.19-0.21	3.0-5.9	0.3-2.0	.43	.43			
	13-17	-30-	-51-	18-20- 22	1.40-1.45	1.00-10.00	0.19-0.21	3.0-5.9	0.3-2.0	.43	.43			
	17-22	-42-	-38-	18-20- 22	1.40-1.45	1.00-10.00	0.19-0.21	3.0-5.9	2.5-3.5	.32	.32			
	22-37	-66-	-15-	15-19- 28	1.45-1.65	10.00-100.00	0.12-0.16	0.0-2.9	0.5-1.0	.20	.20			
	37-46	-42-	-38-	18-20- 22	1.45-1.65	1.00-10.00	0.12-0.16	0.0-2.9	0.5-1.0	.37	.37			
	46-54	-39-	-37-	20-24- 28	1.65-1.80	1.00-10.00	0.16-0.18	0.0-2.9	0.0-0.5	.37	.37			
	54-60	-39-	-37-	20-24- 28	1.65-1.80	1.00-10.00	0.16-0.18	0.0-2.9	0.0-0.5	.37	.37			
408B:														
Olin	0-23	-65-	-20-	12-15- 18	1.45-1.50	10.00-100.00	0.13-0.15	0.0-2.9	1.5-2.5	.17	.17	5	3	86
	23-31	-66-	-19-	12-15- 18	1.45-1.50	10.00-100.00	0.13-0.15	0.0-2.9	0.5-1.0	.24	.24			
	31-52	-39-	-37-	20-24- 28	1.50-1.70	1.00-10.00	0.17-0.19	0.0-2.9	0.0-1.0	.37	.37			
	52-60	-39-	-37-	20-24- 28	1.65-1.75	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.37	.37			
408C:														
Olin	0-23	-65-	-20-	12-15- 18	1.45-1.50	10.00-100.00	0.13-0.15	0.0-2.9	1.5-2.5	.17	.17	5	3	86
	23-31	-66-	-19-	12-15- 18	1.45-1.50	10.00-100.00	0.13-0.15	0.0-2.9	0.5-1.0	.24	.24			
	31-52	-39-	-37-	20-24- 28	1.50-1.70	1.00-10.00	0.17-0.19	0.0-2.9	0.0-1.0	.37	.37			
	52-60	-39-	-37-	20-24- 28	1.65-1.75	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.37	.37			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
409B:														
Dickinson, loamy substratum	0-8	40-65- 70	12-20- 48	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.15	0.0-0.4	1.5-2.5	.20	.20	5	3	86
	8-18	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.5-2.5	.24	.24			
	18-30	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.0-0.5	.28	.28			
	30-36	80-84- 95	0- 9- 15	5- 7- 10	1.55-1.65	10.00-100.00	0.08-0.10	0.0-0.0	0.0-0.5	.20	.20			
	36-45	80-91- 95	0- 2- 15	5- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-0.0	0.0-0.5	.15	.15			
	45-60	-39-	-37-	20-24- 28	1.65-1.75	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.37	.37			
409C:														
Dickinson, loamy substratum	0-8	40-65- 70	12-20- 48	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.15	0.0-0.4	1.5-2.5	.20	.20	5	3	86
	8-18	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.5-2.5	.24	.24			
	18-30	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.0-0.5	.28	.28			
	30-36	80-84- 95	0- 9- 15	5- 7- 10	1.55-1.65	10.00-100.00	0.08-0.10	0.0-0.0	0.0-0.5	.20	.20			
	36-45	80-91- 95	0- 2- 15	5- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-0.0	0.0-0.5	.15	.15			
	45-60	-39-	-37-	20-24- 28	1.65-1.75	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.37	.37			
412C:														
Sogn	0-12	2-43- 45	20-33- 78	20-24- 35	1.15-1.20	1.00-10.00	0.17-0.22	2.1-5.4	2.5-3.5	.20	.20	1	4L	86
	12-80	--	--	--	---	0.01-4.23	---	---	---	---	---			
412D:														
Sogn	0-12	2-43- 45	20-33- 78	20-24- 35	1.15-1.20	1.00-10.00	0.17-0.22	2.1-5.4	2.5-3.5	.20	.20	1	4L	86
	12-80	--	--	--	---	0.01-4.23	---	---	---	---	---			
412G:														
Sogn	0-12	2-43- 45	20-33- 78	20-24- 35	1.15-1.20	1.00-10.00	0.17-0.22	2.1-5.4	2.5-3.5	.20	.20	1	4L	86
	12-80	--	--	--	---	0.01-4.23	---	---	---	---	---			
428B:														
Ely	0-8	1- 4- 20	51-68- 79	20-28- 35	1.29-1.33	1.00-10.00	0.15-0.19	3.0-5.9	4.0-6.0	.32	.32	5	6	48
	8-24	1- 4- 15	53-68- 79	20-28- 35	1.23-1.33	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.32	.32			
	24-32	1- 4- 15	54-67- 75	24-29- 35	1.29-1.34	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.37	.37			
	32-47	1- 5- 15	53-64- 72	27-31- 35	1.34-1.38	1.00-10.00	0.16-0.20	3.0-5.9	1.0-3.0	.43	.43			
	47-58	1- 6- 15	54-67- 75	24-27- 35	1.25-1.41	1.00-10.00	0.17-0.21	3.0-5.9	0.5-1.0	.49	.49			
	58-79	1- 6- 15	52-67- 81	18-27- 35	1.36-1.37	1.00-10.00	0.18-0.22	3.0-5.9	0.5-1.0	.49	.49			
442C:														
Dickinson	0-8	40-65- 70	12-20- 48	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.15	0.0-0.4	1.5-2.5	.20	.20	3	3	86
	8-18	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.5-2.5	.24	.24			
	18-30	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.0-0.5	.28	.28			
	30-36	80-84- 95	0- 9- 15	5- 7- 10	1.55-1.65	10.00-100.00	0.08-0.10	0.0-0.0	0.0-0.5	.15	.15			
	36-60	80-91- 95	0- 2- 15	5- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-0.0	0.0-0.5	.10	.10			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
Sparta	0-8	80-87- 95	0- 7- 17	3- 6- 10	1.20-1.40	10.00-100.00	0.09-0.12	0.0-0.0	1.0-2.0	.17	.17	5	2	134
	8-15	80-87- 95	0- 7- 17	3- 6- 10	1.20-1.40	10.00-100.00	0.09-0.12	0.0-0.0	0.5-1.0	.24	.24			
	15-72	80-95- 98	0- 1- 19	1- 4- 8	1.40-1.60	100.00-705.0 0	0.05-0.11	0.0-0.0	0.0-0.5	.10	.10			
	72-80	90-97-100	0- 1- 10	0- 2- 5	1.50-1.70	100.00-705.0 0	0.04-0.07	0.0-0.0	0.0-0.5	.10	.10			
Tama	0-16	- 7-	-65-	27-28- 29	1.25-1.30	1.00-10.00	0.22-0.24	3.0-5.9	3.0-4.0	.32	.32	5	6	48
	16-39	- 7-	-62-	27-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
	39-60	- 9-	-66-	22-25- 28	1.35-1.40	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.49	.49			
442D:														
Dickinson	0-8	40-65- 70	12-20- 48	12-15- 18	1.50-1.55	10.00-100.00	0.12-0.15	0.0-0.4	1.5-2.5	.20	.20	3	3	86
	8-18	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.5-2.5	.24	.24			
	18-30	40-66- 70	12-20- 50	10-14- 18	1.45-1.55	10.00-100.00	0.12-0.15	0.0-0.4	0.0-0.5	.28	.28			
	30-36	80-84- 95	0- 9- 15	5- 7- 10	1.55-1.65	10.00-100.00	0.08-0.10	0.0-0.0	0.0-0.5	.15	.15			
	36-60	80-91- 95	0- 2- 15	5- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-0.0	0.0-0.5	.10	.10			
Sparta	0-8	80-87- 95	0- 7- 17	3- 6- 10	1.20-1.40	10.00-100.00	0.09-0.12	0.0-0.0	1.0-2.0	.17	.17	5	2	134
	8-15	80-87- 95	0- 7- 17	3- 6- 10	1.20-1.40	10.00-100.00	0.09-0.12	0.0-0.0	0.5-1.0	.24	.24			
	15-72	80-95- 98	0- 1- 19	1- 4- 8	1.40-1.60	100.00-705.0 0	0.05-0.11	0.0-0.0	0.0-0.5	.10	.10			
	72-80	90-97-100	0- 1- 10	0- 2- 5	1.50-1.70	100.00-705.0 0	0.04-0.07	0.0-0.0	0.0-0.5	.10	.10			
Tama	0-16	- 7-	-65-	27-28- 29	1.25-1.30	1.00-10.00	0.22-0.24	3.0-5.9	3.0-4.0	.32	.32	5	6	48
	16-39	- 7-	-62-	27-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
	39-60	- 9-	-66-	22-25- 28	1.35-1.40	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.49	.49			
462B:														
Downs, terrace	0-8	-11-	-67-	18-22- 26	1.25-1.30	1.00-10.00	0.21-0.23	0.0-2.9	2.5-3.5	.37	.37	5	6	48
	8-17	-11-	-67-	18-22- 26	1.25-1.30	1.00-10.00	0.21-0.23	0.0-2.9	0.5-1.5	.43	.43			
	17-39	- 7-	-63-	26-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
	39-60	- 9-	-67-	22-24- 26	1.35-1.45	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.49	.49			
462C:														
Downs, terrace	0-8	-11-	-67-	18-22- 26	1.25-1.30	1.00-10.00	0.21-0.23	0.0-2.9	2.5-3.5	.37	.37	5	6	48
	8-17	-11-	-67-	18-22- 26	1.25-1.30	1.00-10.00	0.21-0.23	0.0-2.9	0.5-1.5	.43	.43			
	17-39	- 7-	-63-	26-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
	39-60	- 9-	-67-	22-24- 26	1.35-1.45	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.49	.49			
463C:														
Fayette, terrace	0-12	-11-	-68-	15-21- 27	1.30-1.35	1.00-10.00	0.20-0.22	0.0-2.9	2.0-3.0	.43	.43	5	6	48
	12-48	- 7-	-63-	25-30- 35	1.30-1.45	1.00-10.00	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
	48-60	- 9-	-67-	22-24- 26	1.45-1.50	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index

	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
471A:														
Oran----------	0-23	-42-	-38-	16-20- 24	1.40-1.45	1.00-10.00	0.18-0.20	0.0-2.9	3.0-4.0	.28	.28	5	6	48
----------	23-52	-39-	-37-	22-25- 28	1.45-1.70	1.00-10.00	0.17-0.19	0.0-2.9	1.0-2.0	.32	.32			
----------	52-60	-40-	-38-	20-23- 26	1.65-1.75	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.37	.37			
471B:														
Oran----------	0-23	-42-	-38-	16-20- 24	1.40-1.45	1.00-10.00	0.18-0.20	0.0-2.9	2.5-3.5	.28	.28	5	6	48
----------	23-52	-39-	-37-	22-25- 28	1.45-1.70	1.00-10.00	0.17-0.19	0.0-2.9	1.0-2.0	.32	.32			
----------	52-60	-40-	-38-	20-23- 26	1.65-1.75	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.37	.37			
478G:														
Rock Outcrop---------	0-60	--	--	--	---	---	---	---	---	---	---	--	---	---
Emeline----------	0-9	20-43- 45	20-33- 60	20-24- 35	1.15-1.20	1.00-10.00	0.17-0.22	2.1-5.4	2.5-3.5	.24	.24	1	4L	86
----------	9-80	--	--	--	---	0.00-0.01	---	---	---	---	---			
484:														
Lawson, occasionally flooded----------	0-8	-12-	-70-	10-19- 27	1.20-1.55	1.00-10.00	0.22-0.24	0.0-2.9	4.4-6.0	.37	.37	5	5	56
----------	8-32	-11-	-69-	10-20- 30	1.20-1.55	1.00-10.00	0.18-0.22	0.0-2.9	3.0-7.0	.37	.37			
----------	32-60	- 9-	-67-	18-24- 30	1.50-1.70	1.00-10.00	0.11-0.15	3.0-5.9	0.1-1.0	.49	.49			
485:														
Spillville, occasionally flooded	0-53	-41-	-37-	18-22- 26	1.45-1.55	1.00-10.00	0.19-0.21	3.0-5.9	4.0-5.0	.24	.24	5	6	48
----------	53-60	-43-	-38-	14-19- 24	1.55-1.70	1.00-10.00	0.15-0.18	0.0-2.9	2.0-3.0	.32	.32			
626:														
Hayfield, rarely flooded----------	0-8	15-30- 45	40-49- 65	18-21- 24	1.45-1.65	1.00-10.00	0.20-0.24	0.0-2.9	3.0-4.0	.28	.28	3	6	48
----------	8-13	15-30- 45	40-49- 65	18-21- 24	1.45-1.65	1.00-10.00	0.20-0.24	0.0-2.9	0.5-1.0	.43	.43			
----------	13-29	15-39- 60	25-37- 57	18-24- 30	1.45-1.65	1.00-10.00	0.17-0.22	3.0-5.9	0.0-1.0	.37	.37			
----------	29-80	65-89- 95	0- 7- 20	0- 4- 8	1.55-1.85	100.00-705.00	0.02-0.04	0.0-2.9	0.0-0.5	.10	.10			
663D:														
Seaton----------	0-4	-12-	-70-	15-19- 22	1.10-1.20	1.00-10.00	0.22-0.24	0.0-2.9	1.0-2.0	.43	.43	5	5	56
----------	4-9	-11-	-72-	15-17- 19	1.10-1.20	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.5	.49	.49			
----------	9-15	-11-	-72-	15-17- 19	1.10-1.20	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.5	.49	.49			
----------	15-44	-10-	-68-	18-23- 27	1.15-1.30	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.0	.49	.49			
----------	44-80	-11-	-69-	10-20- 25	1.20-1.40	1.00-10.00	0.20-0.22	0.0-2.9	0.2-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
663D2:														
Seaton, moderately eroded----------	0-6	-12-	-70-	15-19- 22	1.10-1.20	1.00-10.00	0.22-0.24	0.0-2.9	1.5-2.5	.49	.49	5	5	56
----------	6-41	-10-	-68-	18-23- 27	1.15-1.30	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.0	.49	.49			
----------	41-60	-11-	-69-	15-20- 25	1.20-1.40	1.00-10.00	0.20-0.22	0.0-2.9	0.2-0.5	.49	.49			
663E:														
Seaton----------	0-6	-14-	-70-	10-16- 22	1.10-1.45	1.00-10.00	0.22-0.24	0.0-2.9	2.0-3.0	.43	.43	5	5	56
----------	6-41	-10-	-68-	18-23- 27	1.20-1.60	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.0	.49	.49			
----------	41-60	-14-	-69-	10-18- 25	1.20-1.50	1.00-10.00	0.20-0.22	0.0-2.9	0.2-0.5	.55	.55			
663E2:														
Seaton, moderately eroded----------	0-6	-12-	-70-	15-19- 22	1.10-1.20	1.00-10.00	0.22-0.24	0.0-2.9	1.5-2.5	.49	.49	5	5	56
----------	6-41	-10-	-68-	18-23- 27	1.15-1.30	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.0	.49	.49			
----------	41-60	-11-	-69-	15-20- 25	1.20-1.40	1.00-10.00	0.20-0.22	0.0-2.9	0.2-0.5	.49	.49			
663F:														
Seaton----------	0-6	-14-	-70-	10-16- 22	1.10-1.45	1.00-10.00	0.22-0.24	0.0-2.9	2.0-3.0	.43	.43	5	5	56
----------	6-41	-10-	-68-	18-23- 27	1.20-1.60	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.0	.49	.49			
----------	41-60	-14-	-69-	10-18- 25	1.20-1.50	1.00-10.00	0.20-0.22	0.0-2.9	0.2-0.5	.55	.55			
663F2:														
Seaton, moderately eroded----------	0-6	-12-	-70-	15-19- 22	1.10-1.20	1.00-10.00	0.22-0.24	0.0-2.9	1.5-2.5	.49	.49	5	5	56
----------	6-41	-10-	-68-	18-23- 27	1.15-1.30	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.0	.49	.49			
----------	41-60	-11-	-69-	15-20- 25	1.20-1.40	1.00-10.00	0.20-0.22	0.0-2.9	0.2-0.5	.49	.49			
729B:														
Ackmore----------	0-8	-10-	-68-	18-23- 27	1.25-1.30	1.00-10.00	0.21-0.23	3.0-5.9	2.0-4.0	.43	.43	5	6	48
----------	8-25	-10-	-68-	18-23- 27	1.25-1.30	1.00-10.00	0.21-0.23	3.0-5.9	1.0-3.0	.43	.43			
----------	25-60	- 7-	-61-	26-32- 38	1.30-1.40	1.00-10.00	0.18-0.20	6.0-8.9	3.0-5.0	.32	.32			
Nodaway----------	0-8	- 8-	-70-	18-23- 27	1.25-1.35	1.00-10.00	0.20-0.23	0.0-2.9	2.0-3.0	.37	.37	5	6	48
----------	8-31	- 7-	-70-	18-23- 28	1.25-1.35	10.00-100.00	0.20-0.23	3.0-5.9	0.0-0.5	.43	.43			
----------	31-42	- 7-	-70-	18-23- 30	1.25-1.35	10.00-100.00	0.20-0.23	3.0-5.9	0.0-0.5	.43	.43			
----------	42-80	- 7-	-70-	18-23- 28	1.25-1.35	10.00-100.00	0.20-0.23	3.0-5.9	0.0-0.5	.43	.43			
761A:														
Franklin----------	0-6	2- 7- 10	65-71- 83	15-22- 25	1.30-1.35	1.00-10.00	0.22-0.24	0.0-2.9	3.0-4.0	.37	.37	5	6	48
----------	6-13	2- 7- 10	65-71- 83	15-22- 30	1.30-1.35	1.00-10.00	0.22-0.24	0.0-2.9	0.5-1.0	.49	.49			
----------	13-18	2-10- 20	45-58- 80	18-32- 35	1.35-1.40	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	18-28	2-10- 20	45-58- 80	18-32- 35	1.35-1.40	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.43	.43			
----------	28-37	35-40- 50	30-36- 45	20-24- 35	1.65-1.75	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	37-46	35-40- 50	30-36- 45	20-24- 35	1.65-1.75	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	46-68	35-44- 50	23-32- 47	18-24- 27	1.65-1.75	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	68-80	35-44- 50	23-32- 47	18-24- 27	1.65-1.75	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
761B:														
Franklin----------	0-6	2- 7- 10	65-71- 83	15-22- 25	1.30-1.35	1.00-10.00	0.22-0.24	0.0-2.9	3.0-4.0	.37	.37	5	6	48
----------	6-13	2- 7- 10	65-71- 83	15-22- 30	1.30-1.35	1.00-10.00	0.22-0.24	0.0-2.9	0.5-1.0	.49	.49			
----------	13-18	2-10- 20	45-58- 80	18-32- 35	1.35-1.40	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	18-28	2-10- 20	45-58- 80	18-32- 35	1.35-1.40	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.43	.43			
----------	28-37	35-40- 50	30-36- 45	20-24- 35	1.65-1.75	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	37-46	35-40- 50	30-36- 45	20-24- 35	1.65-1.75	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	46-68	35-44- 50	23-32- 47	18-24- 27	1.65-1.75	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	68-80	35-44- 50	23-32- 47	18-24- 27	1.65-1.75	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
771B:														
Waubeek----------	0-7	2-11- 15	61-67- 79	19-22- 24	1.20-1.30	1.00-10.00	0.21-0.23	0.0-2.9	3.5-4.0	.43	.43	5	6	48
----------	7-13	2-11- 15	61-67- 79	19-22- 24	1.40-1.55	1.00-10.00	0.21-0.23	3.0-5.9	0.5-1.0	.49	.49			
----------	13-19	2-11- 15	55-60- 74	24-29- 30	1.40-1.65	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	19-29	2- 7- 15	55-64- 74	24-29- 30	1.40-1.63	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	29-34	30-33- 55	17-43- 50	20-24- 28	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	34-45	30-33- 55	17-43- 50	20-24- 28	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	45-57	35-44- 50	23-34- 47	18-22- 27	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	57-80	35-44- 50	23-34- 47	18-22- 27	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
771C2:														
Waubeek, moderately eroded----------	0-8	2-11- 15	61-67- 79	19-22- 24	1.20-1.30	1.00-10.00	0.21-0.23	0.0-2.9	1.5-3.5	.43	.43	5	6	48
----------	8-19	2-11- 15	55-60- 74	24-29- 30	1.40-1.65	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	19-29	2- 7- 15	55-64- 74	24-29- 30	1.40-1.63	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	29-34	30-33- 55	17-43- 50	20-24- 28	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	34-45	30-33- 55	17-43- 50	20-24- 28	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	45-57	35-44- 50	23-34- 47	18-22- 27	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	57-80	35-44- 50	23-34- 47	18-22- 27	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
772:														

Donnan variant-------	0-14	-40-	-38-	20-23- 26	1.45-1.50	1.00-10.00	0.14-0.18	0.0-2.9	3.0-4.0	.24	.24	3	6	48
----------	14-27	-34-	-38-	20-28- 30	1.45-1.55	1.00-10.00	0.16-0.19	3.0-5.9	1.0-2.0	.37	.37			
----------	27-40	-23-	-29-	42-49- 55	1.55-1.60	0.01-0.10	0.12-0.15	6.0-8.9	0.5-1.0	.24	.24			
----------	40-60	-26-	-29-	40-45- 50	1.30-1.50	0.01-0.10	0.12-0.15	6.0-8.9	0.0-0.5	.28	.28			
777A:														
Wapsie----------	0-11	-44-	-41-	12-15- 18	1.40-1.45	1.00-10.00	0.18-0.20	0.0-2.9	3.0-4.0	.28	.28	3	5	56
----------	11-28	-44-	-41-	12-15- 18	1.45-1.50	1.00-10.00	0.15-0.17	0.0-2.9	0.0-1.0	.43	.43			
----------	28-60	-92-	- 2-	2- 6- 10	1.50-1.75	100.00-705.00	0.02-0.06	0.0-2.9	0.0-0.5	.10	.10			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
777B:														
Wapsie----------	0-11	-44-	-41-	12-15- 18	1.40-1.45	1.00-10.00	0.18-0.20	0.0-2.9	2.5-3.5	.32	.32	3	5	56
----------	11-28	-44-	-41-	12-15- 18	1.45-1.50	1.00-10.00	0.15-0.17	0.0-2.9	0.0-1.0	.43	.43			
----------	28-60	-92-	- 2-	2- 6- 10	1.50-1.75	100.00-705.00	0.02-0.06	0.0-2.9	0.0-0.5	.10	.10			
778A:														
Sattre----------	0-13	-42-	-37-	18-21- 24	1.40-1.45	1.00-10.00	0.18-0.20	0.0-2.9	3.0-4.0	.24	.24	3	6	48
----------	13-37	-40-	-38-	18-23- 28	1.40-1.50	1.00-10.00	0.15-0.17	0.0-2.9	0.5-1.0	.37	.37			
----------	37-60	-94-	- 1-	2- 5- 8	1.50-1.75	100.00-705.00	0.02-0.06	0.0-2.9	0.0-0.5	.05	.05			
778B:														
Sattre----------	0-13	-42-	-37-	18-21- 24	1.40-1.45	1.00-10.00	0.18-0.20	0.0-2.9	2.5-3.5	.28	.28	3	6	48
----------	13-37	-40-	-38-	18-23- 28	1.40-1.50	1.00-10.00	0.15-0.17	0.0-2.9	0.5-1.0	.37	.37			
----------	37-60	-94-	- 1-	2- 5- 8	1.50-1.75	100.00-705.00	0.02-0.06	0.0-2.9	0.0-0.5	.05	.05			
778C2:														
Sattre, moderately eroded----------	0-13	-42-	-37-	18-21- 24	1.40-1.45	1.00-10.00	0.18-0.20	0.0-2.9	2.0-3.0	.32	.32	3	6	48
----------	13-37	-40-	-38-	18-23- 28	1.40-1.50	1.00-10.00	0.15-0.17	0.0-2.9	0.0-1.0	.37	.37			
----------	37-60	-94-	- 1-	2- 5- 8	1.50-1.75	100.00-705.00	0.02-0.06	0.0-2.9	0.0-0.5	.05	.05			
782B:														
Donnan----------	0-8	20-32- 35	39-45- 62	18-23- 26	1.50-1.55	1.00-10.00	0.20-0.22	3.0-5.9	2.5-3.5	.28	.28	3	6	48
----------	8-13	25-32- 35	39-45- 55	20-23- 26	1.50-1.55	1.00-10.00	0.20-0.22	3.0-5.9	0.5-1.0	.43	.43			
----------	13-18	25-32- 35	39-45- 55	20-23- 26	1.50-1.55	1.00-10.00	0.20-0.22	3.0-5.9	0.5-1.0	.43	.43			
----------	18-24	15-25- 35	35-47- 65	20-28- 30	1.45-1.70	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.43	.43			
----------	24-34	2- 5- 35	10-46- 56	42-49- 55	1.65-1.80	0.01-0.10	0.11-0.14	3.0-5.9	0.0-0.5	.32	.32			
----------	34-48	2- 5- 35	10-46- 56	42-49- 55	1.65-1.80	0.01-0.10	0.11-0.14	3.0-5.9	0.0-0.5	.32	.32			
----------	48-57	35-44- 50	23-34- 47	18-22- 27	1.50-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.37	.37			
----------	57-60	35-44- 50	23-34- 47	18-22- 27	1.50-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.37	.37			
782C2:														
Donnan, moderately eroded----------	0-8	20-32- 35	39-45- 62	18-23- 26	1.50-1.55	1.00-10.00	0.20-0.22	3.0-5.9	2.5-3.5	.28	.28	3	6	48
----------	8-24	15-25- 35	35-47- 65	20-28- 30	1.45-1.70	1.00-10.00	0.17-0.19	0.0-2.9	0.0-0.5	.43	.43			
----------	24-34	2- 5- 35	10-46- 56	42-49- 55	1.65-1.80	0.01-0.10	0.11-0.14	3.0-5.9	0.0-0.5	.32	.32			
----------	34-48	2- 5- 35	10-46- 56	42-49- 55	1.65-1.80	0.01-0.10	0.11-0.14	3.0-5.9	0.0-0.5	.32	.32			
----------	48-57	35-44- 50	23-34- 47	18-22- 27	1.50-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.37	.37			
----------	57-60	35-44- 50	23-34- 47	18-22- 27	1.50-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.37	.37			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
793A:														
Bertrand----------	0-7	-12-	-70-	15-19- 22	1.35-1.60	1.00-10.00	0.22-0.24	0.0-2.9	2.5-3.5	.37	.37	5	5	56
----------	7-19	- 9-	-67-	18-24- 30	1.55-1.65	1.00-10.00	0.18-0.22	3.0-5.9	0.5-1.0	.49	.49			
----------	19-45	-14-	-71-	10-15- 20	1.55-1.65	1.00-10.00	0.09-0.22	0.0-2.9	0.0-0.5	.55	.55			
----------	45-60	-68-	-30-	1- 3- 4	1.55-1.65	10.00-100.00	0.05-0.09	0.0-2.9	0.0-0.5	.32	.32			
793B:														
Bertrand----------	0-7	-12-	-70-	15-19- 22	1.35-1.60	1.00-10.00	0.22-0.24	0.0-2.9	2.0-3.0	.43	.43	5	5	56
----------	7-19	- 9-	-67-	18-24- 30	1.55-1.65	1.00-10.00	0.18-0.22	3.0-5.9	0.5-1.0	.49	.49			
----------	19-45	-14-	-71-	10-15- 20	1.55-1.65	1.00-10.00	0.09-0.22	0.0-2.9	0.0-0.5	.55	.55			
----------	45-60	-29-	-69-	1- 3- 4	1.55-1.65	10.00-100.00	0.05-0.09	0.0-2.9	0.0-0.5	.64	.64			
809B:														
Bertram----------	0-8	60-69- 80	0-22- 38	2- 9- 20	1.30-1.55	10.00-100.00	0.13-0.18	0.0-2.9	1.5-2.5	.10	.10	2	3	86
----------	8-17	60-70- 80	0-19- 38	2-11- 20	1.30-1.60	10.00-100.00	0.12-0.17	0.0-2.9	1.0-2.5	.17	.17			
----------	17-27	60-72- 80	0-18- 38	2-10- 20	1.40-1.65	10.00-100.00	0.12-0.14	0.0-2.9	0.5-1.0	.28	.28			
----------	27-30	60-74- 80	0-14- 38	2-12- 20	1.40-1.65	10.00-100.00	0.12-0.14	0.0-2.9	0.5-1.0	.28	.28			
----------	30-34	40-58- 70	0-15- 40	20-27- 35	1.40-1.70	1.00-10.00	0.13-0.18	3.0-5.9	0.0-0.5	.24	.24			
----------	34-36	55-80- 95	5-15- 25	0- 5- 10	1.50-1.75	100.00-705.00	0.06-0.11	0.0-2.9	0.0-0.5	.10	.15			
----------	36-79	--	--	--	---	---	---	---	---	---	---			
809C:														
Bertram----------	0-8	60-69- 80	0-22- 38	2- 9- 20	1.30-1.55	10.00-100.00	0.13-0.18	0.0-2.9	1.5-2.5	.10	.10	2	3	86
----------	8-17	60-70- 80	0-19- 38	2-11- 20	1.30-1.60	10.00-100.00	0.12-0.17	0.0-2.9	1.0-2.5	.17	.17			
----------	17-27	60-72- 80	0-18- 38	2-10- 20	1.40-1.65	10.00-100.00	0.12-0.14	0.0-2.9	0.5-1.0	.28	.28			
----------	27-30	60-74- 80	0-14- 38	2-12- 20	1.40-1.65	10.00-100.00	0.12-0.14	0.0-2.9	0.5-1.0	.28	.28			
----------	30-34	40-58- 70	0-15- 40	20-27- 35	1.40-1.70	1.00-10.00	0.13-0.18	3.0-5.9	0.0-0.5	.24	.24			
----------	34-36	55-80- 95	5-15- 25	0- 5- 10	1.50-1.75	100.00-705.00	0.06-0.11	0.0-2.9	0.0-0.5	.10	.15			
----------	36-79	--	--	--	---	---	---	---	---	---	---			
977:														
Richwood----------	0-8	-12-	-70-	15-19- 22	1.35-1.60	1.00-10.00	0.22-0.24	0.0-2.9	3.5-4.5	.37	.37	5	5	56
----------	8-18	-12-	-69-	15-19- 22	1.35-1.60	1.00-10.00	0.22-0.24	0.0-2.9	3.0-4.0	.37	.37			
----------	18-46	- 9-	-67-	18-24- 30	1.55-1.65	1.00-10.00	0.18-0.22	3.0-5.9	0.5-1.0	.49	.49			
----------	46-60	-40-	-45-	10-15- 20	1.55-1.65	10.00-705.00	0.09-0.22	0.0-2.9	0.0-0.5	.37	.37			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
1152:														
Marshan, rarely flooded----------	0-8	15-21- 40	25-51- 67	18-28- 35	1.30-1.40	1.00-10.00	0.20-0.22	0.0-2.9	5.0-6.0	.20	.20	3	6	48
----------	8-14	15-18- 40	25-54- 67	18-28- 35	1.30-1.40	1.00-10.00	0.20-0.22	3.0-5.9	2.0-5.0	.32	.32			
----------	14-18	15-18- 40	25-54- 67	18-28- 35	1.40-1.55	1.00-10.00	0.17-0.22	3.0-5.9	1.0-3.0	.37	.37			
----------	18-23	15-18- 40	25-54- 67	18-28- 35	1.40-1.55	1.00-10.00	0.17-0.22	3.0-5.9	0.5-1.0	.43	.43			
----------	23-30	30-39- 60	10-37- 52	18-24- 30	1.45-1.55	1.00-10.00	0.17-0.22	0.0-2.9	0.5-1.0	.32	.32			
----------	30-40	75-93- 98	0- 2- 15	0- 5- 10	1.55-1.65	100.00-705.00	0.02-0.05	0.0-2.9	0.0-0.5	.02	.02			
----------	40-79	75-93- 98	0- 2- 15	0- 5- 10	1.55-1.65	100.00-705.00	0.02-0.05	0.0-2.9	0.0-0.5	.02	.02			
1226:														
Lawler, rarely flooded----------	0-9	10-30- 50	20-48- 72	18-22- 30	1.31-1.45	1.00-10.00	0.20-0.22	0.0-2.9	4.0-5.0	.32	.32	3	6	48
----------	9-16	10-30- 50	20-48- 72	18-22- 30	1.21-1.41	1.00-10.00	0.20-0.22	0.0-2.9	2.5-4.0	.32	.32			
----------	16-19	10-35- 50	20-43- 72	18-22- 30	1.36-1.42	1.00-10.00	0.20-0.22	0.0-2.9	1.5-3.0	.32	.32			
----------	19-38	25-40- 60	10-36- 55	20-24- 30	1.38-1.63	1.00-10.00	0.16-0.18	3.0-5.9	0.5-2.0	.32	.32			
----------	38-79	75-90- 99	0- 5- 25	0- 5- 10	1.58-1.63	100.00-705.00	0.02-0.06	0.0-2.9	0.0-0.5	.02	.02			
1291B:														

Atterberry, terrace--	0-8	- 7-	-70-	20-23- 26	1.35-1.55	1.00-10.00	0.22-0.25	0.0-2.9	2.0-4.0	.37	.37	5	6	48
	8-17	-11-	-68-	15-21- 26	1.40-1.60	1.00-10.00	0.21-0.24	0.0-2.9	0.5-1.0	.55	.55			
	17-48	- 7-	-63-	25-30- 35	1.40-1.60	1.00-10.00	0.14-0.24	3.0-5.9	0.1-0.5	.49	.49			
	48-60	- 7-	-70-	18-23- 27	1.40-1.65	1.00-10.00	0.14-0.24	0.0-2.9	0.1-0.5	.49	.49			
1486:														
Spillville, Frequently flooded--	0-54	30-41- 45	29-37- 52	18-22- 26	1.45-1.55	1.00-10.00	0.19-0.21	0.4-2.9	3.0-5.0	.24	.24	5	6	48
	54-60	35-43- 60	16-38- 51	14-19- 24	1.55-1.70	1.00-10.00	0.15-0.18	0.0-2.3	1.0-3.0	.32	.32			
Sigglekov, Frequently flooded--	0-9	25-46- 60	25-42- 65	10-12- 15	1.50-1.55	1.00-10.00	0.12-0.15	0.0-0.0	0.5-1.5	.37	.37	2	5	56
	9-15	55-64- 95	0-30- 43	2- 6- 10	1.50-1.75	10.00-100.00	0.02-0.04	0.0-0.0	0.0-0.5	.24	.24			
	15-35	70-92- 98	0- 2- 28	2- 6- 10	1.50-1.75	100.00-705.00	0.02-0.04	0.0-0.0	0.0-0.5	.02	.02			
	35-80	70-90- 98	0- 4- 28	2- 6- 10	1.50-1.75	100.00-705.00	0.02-0.04	0.0-0.0	0.0-0.5	.02	.02			
4000:														
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4002:														
Urban land, rarely flooded----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
4083B:														
Kenyon----------	0-9	14-36- 52	29-43- 65	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	2.0-3.9	.28	.28	5	6	48
	9-14	19-33- 48	31-46- 60	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	2.1-3.4	.37	.37			
	14-19	21-32- 40	36-43- 55	20-25- 27	1.40-1.60	1.00-10.00	0.16-0.20	3.0-5.9	1.0-3.0	.37	.37			
	19-41	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	41-55	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	55-71	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-2.9	0.0-0.5	.37	.37			
	71-79	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-2.9	0.0-0.5	.37	.37			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4083C:														
Kenyon----------	0-9	14-36- 52	29-43- 65	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	2.0-3.9	.28	.28	5	6	48
	9-14	19-33- 48	31-46- 60	14-21- 27	1.20-1.60	1.00-10.00	0.17-0.21	1.3-2.9	2.1-3.4	.37	.37			
	14-19	21-32- 40	36-43- 55	20-25- 27	1.40-1.60	1.00-10.00	0.16-0.20	3.0-5.9	1.0-3.0	.37	.37			
	19-41	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	41-55	24-45- 58	22-30- 55	20-25- 30	1.65-1.85	0.01-1.00	0.14-0.18	3.0-5.9	0.0-1.0	.32	.32			
	55-71	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-3.1	0.0-0.5	.37	.37			
	71-79	36-44- 50	23-32- 40	18-24- 27	1.75-1.90	0.01-1.00	0.12-0.18	1.2-3.1	0.0-0.5	.37	.37			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4135:														
Coland, rarely flooded----------	0-8	15-18- 30	35-51- 58	27-31- 35	1.40-1.50	1.00-10.00	0.20-0.22	3.2-5.8	5.0-7.0	.32	.32	5	6	48
	8-32	15-18- 30	35-51- 58	27-31- 35	1.40-1.50	1.00-10.00	0.20-0.22	3.2-5.8	3.0-6.0	.32	.32			
	32-40	15-28- 30	35-42- 50	25-30- 35	1.40-1.50	1.00-10.00	0.20-0.22	2.6-5.8	2.0-4.0	.28	.28			
	40-44	40-66- 70	2-15- 48	12-19- 28	1.50-1.65	10.00-100.00	0.13-0.17	0.0-3.5	0.0-2.0	.20	.20			
	44-52	35-43- 70	2-38- 53	12-19- 28	1.50-1.65	1.00-10.00	0.13-0.17	0.0-3.5	0.0-2.0	.37	.37			
	52-66	40-66- 70	2-15- 48	12-19- 28	1.50-1.65	10.00-100.00	0.13-0.17	0.0-3.5	0.0-1.0	.17	.17			
Urban land, rarely flooded----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4136:														
Ankeny, rarely flooded----------	0-8	55-66- 80	5-20- 40	10-14- 18	1.50-1.55	10.00-100.00	0.16-0.18	0.0-0.4	2.5-3.5	.20	.20	4	3	86
	8-30	55-66- 80	5-20- 40	10-14- 18	1.50-1.55	10.00-100.00	0.16-0.18	0.0-0.4	2.0-3.0	.17	.17			
	30-44	55-67- 80	5-20- 40	10-13- 16	1.55-1.65	10.00-100.00	0.15-0.17	0.0-0.0	0.5-1.0	.28	.28			
	44-60	50-87- 90	0-7- 50	2-6- 10	1.65-1.75	10.00-100.00	0.12-0.14	0.0-0.0	0.0-0.5	.17	.17			
Urban land, rarely flooded----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
4162B:														
Downs----------	0-8	0-3-10	64-74-81	19-23-26	1.35-1.43	1.00-10.00	0.18-0.22	3.0-5.9	2.5-3.5	.37	.37	5	6	48
	8-12	0-3-10	64-72-81	19-25-26	1.39-1.46	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
	12-17	0-3-10	64-72-81	19-25-26	1.27-1.38	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
	17-24	0-3-10	58-67-76	24-30-32	1.41-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.49	.49			
	24-33	0-3-10	58-66-76	24-31-32	1.43-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.43	.43			
	33-39	0-3-10	58-68-76	24-29-32	1.46-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.3-0.8	.49	.49			
	39-48	0-5-10	63-69-80	20-26-27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
	48-79	0-5-10	63-69-80	20-26-27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4162C:														
Downs----------	0-8	0-3-10	64-74-81	19-23-26	1.35-1.43	1.00-10.00	0.18-0.22	3.0-5.9	2.5-3.5	.37	.37	5	6	48
	8-12	0-3-10	64-72-81	19-25-26	1.39-1.46	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
	12-17	0-3-10	64-72-81	19-25-26	1.27-1.38	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
	17-24	0-3-10	58-67-76	24-30-32	1.41-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.49	.49			
	24-33	0-3-10	58-66-76	24-31-32	1.43-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.43	.43			
	33-39	0-3-10	58-68-76	24-29-32	1.46-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.3-0.8	.49	.49			
	39-48	0-5-10	63-69-80	20-26-27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
	48-79	0-5-10	63-69-80	20-26-27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4162D:														
Downs----------	0-8	0-3-10	64-74-81	19-23-26	1.35-1.43	1.00-10.00	0.18-0.22	3.0-5.9	2.5-3.5	.37	.37	5	6	48
	8-12	0-3-10	64-72-81	19-25-26	1.39-1.46	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
	12-17	0-3-10	64-72-81	19-25-26	1.27-1.38	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
	17-24	0-3-10	58-67-76	24-30-32	1.41-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.49	.49			
	24-33	0-3-10	58-66-76	24-31-32	1.43-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.43	.43			
	33-39	0-3-10	58-68-76	24-29-32	1.46-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.3-0.8	.49	.49			
	39-48	0-5-10	63-69-80	20-26-27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
	48-79	0-5-10	63-69-80	20-26-27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4163B:														
Fayette----------	0-8	1-5-13	60-75-84	15-20-27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
	8-11	1-4-15	60-76-84	15-20-25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
	11-14	1-4-5	60-71-78	21-25-35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
	14-26	1-4-5	60-68-75	24-28-35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
	26-34	1-4-5	60-69-75	24-27-35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
	34-47	1-4-5	62-70-79	20-26-33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
	47-65	1-4-5	65-70-81	18-26-30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
	65-79	5-16-25	45-59-77	18-25-30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					

4163C:															
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4163D:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4177:														
Saude, rarely flooded	0-7	30-42- 50	26-37- 52	18-21- 24	1.40-1.45	1.00-10.00	0.20-0.22	0.4-2.3	3.0-4.0	.24	.24	3	6	48
----------	7-13	30-42- 50	26-37- 52	18-21- 24	1.40-1.45	1.00-10.00	0.20-0.22	0.4-2.3	2.0-4.0	.28	.28			
----------	13-16	30-44- 50	32-41- 58	12-15- 18	1.40-1.50	1.00-10.00	0.15-0.19	0.0-0.4	1.0-3.0	.37	.37			
----------	16-24	30-44- 50	32-41- 58	12-15- 18	1.40-1.50	1.00-10.00	0.15-0.19	0.0-0.4	0.5-1.0	.43	.43			
----------	24-28	55-66- 75	7-19- 33	12-15- 18	1.40-1.50	10.00-100.00	0.15-0.19	0.0-0.4	0.5-1.0	.20	.20			
----------	28-36	75-79- 85	7-16- 23	2- 5- 8	1.50-1.75	10.00-100.00	0.02-0.06	0.0-0.0	0.0-0.5	.24	.24			
----------	36-60	80-91- 95	0- 4- 18	2- 5- 8	1.50-1.75	100.00-705.0 0	0.02-0.06	0.0-0.0	0.0-0.5	.02	.05			
Urban land, rarely flooded----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4226:														
Lawler, rarely flooded----------	0-8	25-40- 50	23-38- 57	18-22- 27	1.40-1.45	1.00-10.00	0.20-0.22	0.4-3.2	4.0-5.0	.24	.24	3	6	48
----------	8-15	25-40- 50	23-38- 57	18-22- 27	1.40-1.45	1.00-10.00	0.20-0.22	0.4-3.2	2.5-4.0	.28	.28			
----------	15-21	25-40- 50	23-38- 57	18-22- 27	1.40-1.45	1.00-10.00	0.20-0.22	0.4-3.2	1.5-3.0	.32	.32			
----------	21-32	30-39- 55	17-37- 50	20-24- 28	1.45-1.60	1.00-10.00	0.16-0.18	1.0-3.5	0.5-2.0	.32	.32			
----------	32-37	50-58- 65	7-18- 30	20-24- 28	1.45-1.60	1.00-10.00	0.16-0.18	1.0-3.5	0.5-2.0	.24	.24			
----------	37-60	75-79- 95	0-16- 23	2- 5- 8	1.60-1.75	10.00-100.00	0.02-0.04	0.0-0.0	0.0-0.5	.10	.24			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
Urban land, rarely flooded----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4293B:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
Chelsea----------	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
----------	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
----------	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
4293C:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
Chelsea----------	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
----------	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
----------	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
4293D:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
Chelsea----------	0-8	75-85- 98	1-10- 15	1- 5- 10	1.56-1.58	10.00-100.00	0.09-0.13	0.1-0.9	0.5-1.5	.05	.05	5	2	134
----------	8-36	80-92- 98	1- 5- 19	1- 3- 8	1.65-1.72	10.00-100.00	0.08-0.12	0.1-0.7	0.0-0.5	.02	.02			
----------	36-70	80-92- 95	0- 4- 19	1- 4- 10	1.74-1.81	10.00-100.00	0.08-0.12	0.1-0.9	0.0-0.5	.02	.02			
4293F:														
Fayette----------	0-12	-11-	-68-	15-21- 27	1.30-1.35	1.00-10.00	0.20-0.22	0.0-2.9	2.0-3.0	.43	.43	5	6	48
----------	12-48	- 7-	-63-	25-30- 35	1.30-1.45	1.00-10.00	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	48-60	- 9-	-67-	22-24- 26	1.45-1.50	1.00-10.00	0.18-0.20	3.0-5.9	0.0-0.5	.49	.49			
Chelsea----------	0-4	80-87- 95	0- 2- 12	8-11- 15	1.50-1.55	10.00-100.00	0.10-0.15	0.0-0.0	0.5-1.5	.10	.10	5	2	134
----------	4-30	85-91- 95	0- 1- 10	5- 8- 10	1.55-1.70	100.00-705.0 0	0.06-0.08	0.0-0.0	0.0-0.5	.10	.10			
----------	30-70	60-91- 95	0- 1- 35	5- 8- 10	1.55-1.70	100.00-705.0 0	0.06-0.08	0.0-0.0	0.0-0.5	.10	.10			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4377B:														
Dinsdale----------	0-7	2- 8- 15	53-63- 74	24-29- 32	1.25-1.30	1.00-10.00	0.21-0.23	3.2-4.8	3.0-4.0	.32	.32	5	6	48
----------	7-12	2- 7- 15	53-62- 73	24-31- 32	1.25-1.30	1.00-10.00	0.21-0.23	3.2-4.8	2.0-3.0	.32	.32			
----------	12-19	2- 7- 15	53-62- 73	24-31- 32	1.30-1.35	1.00-10.00	0.18-0.20	3.1-4.7	1.0-2.0	.43	.43			
----------	19-28	2- 9- 15	50-60- 71	27-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.6-5.3	0.5-2.0	.43	.43			
----------	28-34	2- 9- 15	50-60- 71	27-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.2-5.3	0.5-2.0	.43	.43			
----------	34-46	30-45- 70	7-32- 50	20-23- 30	1.65-1.75	1.00-10.00	0.17-0.19	1.8-4.0	0.0-0.5	.32	.32			
----------	46-58	35-45- 50	23-30- 41	24-25- 27	1.65-1.75	1.00-10.00	0.17-0.19	2.0-3.5	0.0-0.5	.28	.28			
----------	58-80	35-45- 50	23-30- 41	24-25- 27	1.65-1.75	1.00-10.00	0.17-0.19	2.0-3.5	0.0-0.5	.28	.28			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
4377C:														
Dinsdale----------	0-7	2- 8- 15	53-63- 74	24-29- 32	1.25-1.30	1.00-10.00	0.21-0.23	3.2-4.8	3.0-4.0	.32	.32	5	6	48
----------	7-12	2- 7- 15	53-62- 73	24-31- 32	1.25-1.30	1.00-10.00	0.21-0.23	3.2-4.8	2.0-3.0	.32	.32			
----------	12-19	2- 7- 15	53-62- 73	24-31- 32	1.30-1.35	1.00-10.00	0.18-0.20	3.1-4.7	1.0-2.0	.43	.43			
----------	19-28	2- 9- 15	50-60- 71	27-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.6-5.3	0.5-2.0	.43	.43			
----------	28-34	2- 9- 15	50-60- 71	27-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.2-5.3	0.5-2.0	.43	.43			
----------	34-46	30-45- 70	7-32- 50	20-23- 30	1.65-1.75	1.00-10.00	0.17-0.19	1.8-4.0	0.0-0.5	.32	.32			
----------	46-58	35-45- 50	23-30- 41	24-25- 27	1.65-1.75	1.00-10.00	0.17-0.19	2.0-3.5	0.0-0.5	.28	.28			
----------	58-80	35-45- 50	23-30- 41	24-25- 27	1.65-1.75	1.00-10.00	0.17-0.19	2.0-3.5	0.0-0.5	.28	.28			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
4391B:														
Clyde----------	0-17	10-18- 45	15-52- 70	20-30- 40	1.20-1.50	1.00-10.00	0.20-0.24	1.3-4.2	6.0-9.0	.24	.24	5	6	48
----------	17-23	15-18- 45	20-52- 65	20-30- 35	1.20-1.60	1.00-10.00	0.18-0.22	2.1-5.4	1.0-4.0	.37	.37			
----------	23-28	15-30- 45	20-40- 67	18-30- 35	1.30-1.70	1.00-10.00	0.17-0.21	1.6-5.3	0.5-2.0	.32	.32			
----------	28-41	15-17- 45	20-53- 67	18-30- 35	1.30-1.70	1.00-10.00	0.17-0.21	1.6-5.3	0.5-2.0	.43	.43			
----------	41-44	20-65- 80	0-20- 70	10-15- 30	1.30-1.70	1.00-100.00	0.10-0.14	0.6-4.1	0.5-1.0	.28	.28			
----------	44-62	25-45- 52	28-35- 50	10-20- 27	1.60-1.90	0.01-1.00	0.14-0.18	0.7-3.3	0.0-0.5	.43	.43			
----------	62-79	25-45- 52	28-35- 50	10-20- 27	1.60-1.90	0.01-1.00	0.14-0.18	0.5-3.0	0.0-0.5	.43	.43			
Floyd----------	0-16	15-30- 50	27-47- 60	18-23- 30	1.20-1.60	1.00-10.00	0.19-0.23	1.9-4.4	3.0-5.0	.20	.20	5	6	48
----------	16-24	15-30- 50	27-47- 60	18-23- 30	1.25-1.60	1.00-10.00	0.18-0.22	1.8-4.4	2.0-4.0	.28	.28			
----------	24-33	30-55- 75	7-24- 50	18-21- 30	1.30-1.65	1.00-10.00	0.17-0.21	1.8-4.3	1.0-2.0	.28	.28			
----------	33-41	40-70- 85	5-15- 40	10-15- 25	1.30-1.65	1.00-100.00	0.11-0.15	0.9-3.3	0.5-1.0	.24	.24			
----------	41-50	30-45- 70	12-32- 45	18-23- 28	1.60-1.90	0.01-1.00	0.12-0.18	1.5-3.7	0.0-1.0	.32	.32			
----------	50-79	35-44- 50	23-34- 45	18-22- 27	1.60-1.90	0.01-1.00	0.13-0.18	1.3-3.0	0.0-0.5	.37	.37			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4485:														
Spillville, rarely flooded----------	0-53	-41-	-37-	18-22- 26	1.45-1.55	1.00-10.00	0.19-0.21	3.0-5.9	4.0-5.0	.24	.24	5	6	48
----------	53-60	-43-	-38-	14-19- 24	1.55-1.70	1.00-10.00	0.15-0.18	0.0-2.9	2.0-3.0	.32	.32			
Urban land, rarely flooded----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4663E:														
Seaton----------	0-6	-14-	-70-	10-16- 22	1.10-1.45	1.00-10.00	0.22-0.24	0.0-2.9	2.0-3.0	.43	.43	5	5	56
----------	6-41	-10-	-68-	18-23- 27	1.20-1.60	1.00-10.00	0.20-0.22	0.0-2.9	0.5-1.0	.49	.49			
----------	41-60	-14-	-69-	10-18- 25	1.20-1.50	1.00-10.00	0.20-0.22	0.0-2.9	0.2-0.5	.55	.55			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4729B:														
Ackmore----------	0-8	-10-	-68-	18-23- 27	1.25-1.30	1.00-10.00	0.21-0.23	3.0-5.9	2.0-4.0	.43	.43	5	6	48
----------	8-25	-10-	-68-	18-23- 27	1.25-1.30	1.00-10.00	0.21-0.23	3.0-5.9	1.0-3.0	.43	.43			
----------	25-60	- 7-	-61-	26-32- 38	1.30-1.40	1.00-10.00	0.18-0.20	6.0-8.9	3.0-5.0	.32	.32			
Nodaway----------	0-8	- 8-	-70-	18-23- 27	1.25-1.35	1.00-10.00	0.20-0.23	0.0-2.9	2.0-3.0	.37	.37	5	6	48
----------	8-31	- 7-	-70-	18-23- 28	1.25-1.35	10.00-100.00	0.20-0.23	3.0-5.9	0.0-0.5	.43	.43			
----------	31-42	- 7-	-70-	18-23- 30	1.25-1.35	10.00-100.00	0.20-0.23	3.0-5.9	0.0-0.5	.43	.43			
----------	42-80	- 7-	-70-	18-23- 28	1.25-1.35	10.00-100.00	0.20-0.23	3.0-5.9	0.0-0.5	.43	.43			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
4771B:														
Waubeek----------	0-7	2-11- 15	61-67- 79	19-22- 24	1.20-1.30	1.00-10.00	0.21-0.23	0.0-2.9	3.5-4.0	.43	.43	5	6	48
----------	7-13	2-11- 15	61-67- 79	19-22- 24	1.40-1.55	1.00-10.00	0.21-0.23	3.0-5.9	0.5-1.0	.49	.49			
----------	13-19	2-11- 15	55-60- 74	24-29- 30	1.40-1.65	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	19-29	2- 7- 15	55-64- 74	24-29- 30	1.40-1.63	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	29-34	30-33- 55	17-43- 50	20-24- 28	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	34-45	30-33- 55	17-43- 50	20-24- 28	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	45-57	35-44- 50	23-34- 47	18-22- 27	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	57-80	35-44- 50	23-34- 47	18-22- 27	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4771D:														
Waubeek----------	0-7	2-11- 15	61-67- 79	19-22- 24	1.20-1.30	1.00-10.00	0.21-0.23	0.0-2.9	3.5-4.0	.43	.43	5	6	48
----------	7-13	2-11- 15	61-67- 79	19-22- 24	1.40-1.55	1.00-10.00	0.21-0.23	3.0-5.9	0.5-1.0	.49	.49			
----------	13-19	2-11- 15	55-60- 74	24-29- 30	1.40-1.65	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	19-29	2- 7- 15	55-64- 74	24-29- 30	1.40-1.63	1.00-10.00	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	29-34	30-33- 55	17-43- 50	20-24- 28	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	34-45	30-33- 55	17-43- 50	20-24- 28	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	45-57	35-44- 50	23-34- 47	18-22- 27	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	57-80	35-44- 50	23-34- 47	18-22- 27	1.40-1.70	1.00-10.00	0.17-0.19	3.0-5.9	0.0-0.5	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4814B:														
Rockton----------	0-8	25-40- 50	30-38- 50	18-23- 27	1.30-1.40	1.00-10.00	0.20-0.22	0.4-3.2	3.0-4.0	.24	.24	2	6	48
----------	8-15	25-40- 50	30-38- 50	18-23- 27	1.30-1.40	1.00-10.00	0.20-0.22	0.4-3.2	3.0-4.0	.37	.37			
----------	15-26	20-38- 60	15-36- 45	25-26- 35	1.40-1.55	1.00-10.00	0.17-0.19	2.6-5.8	0.5-1.0	.37	.37			
----------	26-31	0-30- 45	20-30- 40	35-41- 60	1.35-1.45	0.01-0.10	0.10-0.14	5.8-13.7	0.0-0.5	.32	.32			
----------	31-80	--	--	--	---	10.00-100.00	---	---	---	---	---			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4826:														
Rowley----------	0-8	-12-	-70-	15-19- 22	1.35-1.45	1.00-10.00	0.22-0.24	0.0-2.9	4.0-5.0	.37	.37	4	5	56
----------	8-16	-12-	-70-	15-19- 22	1.35-1.45	1.00-10.00	0.22-0.24	0.0-2.9	4.0-5.0	.43	.43			
----------	16-21	- 9-	-66-	20-25- 30	1.35-1.65	1.00-10.00	0.18-0.22	0.0-2.9	0.0-1.0	.49	.49			
----------	21-32	- 7-	-62-	27-31- 35	1.30-1.35	1.00-10.00	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
----------	32-45	-14-	-71-	10-15- 20	1.55-1.65	1.00-10.00	0.12-0.16	0.0-2.9	0.0-0.5	.55	.55			
----------	45-55	-68-	-30-	1- 3- 4	1.55-1.65	1.00-100.00	0.05-0.07	0.0-2.9	0.0-0.5	.37	.37			
----------	55-60	-91-	- 2-	4- 7- 10	1.60-1.70	100.00-705.0 0	0.02-0.04	0.0-2.9	0.0-0.5	.02	.02			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
4911B:														
Colo----------	0-8	1- 6- 20	49-64- 73	24-30- 35	1.22-1.36	1.00-10.00	0.15-0.18	3.0-5.9	4.0-7.0	.28	.28	5	6	48
----------	8-14	1- 6- 15	52-64- 73	24-30- 35	1.25-1.36	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.32	.32			
----------	14-34	1- 6- 15	50-61- 72	27-33- 35	1.26-1.30	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.28	.28			
----------	34-40	1- 6- 15	50-61- 72	27-33- 35	1.22-1.36	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.32	.32			
----------	40-46	1- 8- 15	50-58- 68	30-34- 35	1.20-1.34	1.00-10.00	0.15-0.18	3.0-5.9	3.0-4.0	.32	.32			
----------	46-52	1- 8- 15	50-60- 69	30-32- 35	1.34-1.41	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
----------	52-79	1- 8- 30	42-61- 74	25-31- 35	1.35-1.40	1.00-10.00	0.16-0.22	3.0-5.9	1.0-2.0	.43	.43			
Ely----------	0-8	1- 4- 20	51-68- 79	20-28- 35	1.29-1.33	1.00-10.00	0.15-0.19	3.0-5.9	4.0-6.0	.32	.32	5	6	48
----------	8-24	1- 4- 15	53-68- 79	20-28- 35	1.23-1.33	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.32	.32			
----------	24-32	1- 4- 15	54-67- 75	24-29- 35	1.29-1.34	1.00-10.00	0.15-0.19	3.0-5.9	3.0-4.0	.37	.37			
----------	32-47	1- 5- 15	53-64- 72	27-31- 35	1.34-1.38	1.00-10.00	0.16-0.20	3.0-5.9	1.0-3.0	.43	.43			

----------	47-58	1- 6- 15	54-67- 75	24-27- 35	1.25-1.41	1.00-10.00	0.17-0.21	3.0-5.9	0.5-1.0	.49	.49			
----------	58-79	1- 6- 15	52-67- 81	18-27- 35	1.36-1.37	1.00-10.00	0.18-0.22	3.0-5.9	0.5-1.0	.49	.49			
Urban land----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
4946:														
Udorthents----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
Highway----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
5010:														
Pits, sand and gravel	---	--	--	--	---	---	---	---	---	---	---	--	---	---
5030:														
Pits, limestone quarry----------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
5040:														
Udorthents, loamy----	---	--	--	--	---	---	---	---	---	---	---	5	---	---
5080:														
Udorthents----------	---	--	--	--	---	---	---	---	---	---	---	5	---	---
M162B:														
Downs----------	0-8	0- 3- 10	64-74- 81	19-23- 26	1.35-1.43	1.00-10.00	0.18-0.22	3.0-5.9	2.5-3.5	.37	.37	5	6	48
----------	8-12	0- 3- 10	64-72- 81	19-25- 26	1.39-1.46	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
----------	12-17	0- 3- 10	64-72- 81	19-25- 26	1.27-1.38	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	17-24	0- 3- 10	58-67- 76	24-30- 32	1.41-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.49	.49			
----------	24-33	0- 3- 10	58-66- 76	24-31- 32	1.43-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	33-39	0- 3- 10	58-68- 76	24-29- 32	1.46-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.3-0.8	.49	.49			
----------	39-48	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	48-79	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
M162C:														
Downs----------	0-8	0- 3- 10	64-74- 81	19-23- 26	1.35-1.43	1.00-10.00	0.18-0.22	3.0-5.9	2.5-3.5	.37	.37	5	6	48
----------	8-12	0- 3- 10	64-72- 81	19-25- 26	1.39-1.46	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
----------	12-17	0- 3- 10	64-72- 81	19-25- 26	1.27-1.38	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	17-24	0- 3- 10	58-67- 76	24-30- 32	1.41-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.49	.49			
----------	24-33	0- 3- 10	58-66- 76	24-31- 32	1.43-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	33-39	0- 3- 10	58-68- 76	24-29- 32	1.46-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.3-0.8	.49	.49			
----------	39-48	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	48-79	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
M162C2:														
Downs, eroded--------	0-6	0- 3- 10	64-74- 81	19-23- 26	1.35-1.43	1.00-10.00	0.17-0.21	3.0-5.9	2.0-3.0	.37	.37	5	6	48
----------	6-12	0- 3- 10	64-72- 81	19-25- 26	1.27-1.38	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	12-24	0- 3- 10	58-67- 76	24-30- 32	1.41-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.49	.49			
----------	24-33	0- 3- 10	58-66- 76	24-31- 32	1.43-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	33-39	0- 3- 10	58-68- 76	24-29- 32	1.46-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.3-0.8	.49	.49			
----------	39-48	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	48-79	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
M162D:														
Downs----------	0-8	0- 3- 10	64-74- 81	19-23- 26	1.35-1.43	1.00-10.00	0.18-0.22	3.0-5.9	2.5-3.5	.37	.37	5	6	48
----------	8-12	0- 3- 10	64-72- 81	19-25- 26	1.39-1.46	1.00-10.00	0.16-0.20	3.0-5.9	1.0-2.0	.43	.43			
----------	12-17	0- 3- 10	64-72- 81	19-25- 26	1.27-1.38	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	17-24	0- 3- 10	58-67- 76	24-30- 32	1.41-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.49	.49			
----------	24-33	0- 3- 10	58-66- 76	24-31- 32	1.43-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	33-39	0- 3- 10	58-68- 76	24-29- 32	1.46-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.3-0.8	.49	.49			
----------	39-48	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	48-79	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
M162D2:														
Downs, eroded--------	0-6	0- 3- 10	64-74- 81	19-23- 26	1.35-1.43	1.00-10.00	0.17-0.21	3.0-5.9	2.0-3.0	.37	.37	5	6	48
----------	6-12	0- 3- 10	64-72- 81	19-25- 26	1.27-1.38	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	12-24	0- 3- 10	58-67- 76	24-30- 32	1.41-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.49	.49			
----------	24-33	0- 3- 10	58-66- 76	24-31- 32	1.43-1.48	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.0	.43	.43			
----------	33-39	0- 3- 10	58-68- 76	24-29- 32	1.46-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.3-0.8	.49	.49			
----------	39-48	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	48-79	0- 5- 10	63-69- 80	20-26- 27	1.34-1.35	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
M163B:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.39-1.50	1.00-10.00	0.18-0.22	1.6-3.8	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 3- 15	60-77- 84	15-20- 25	1.39-1.50	1.00-10.00	0.16-0.20	1.5-3.3	0.5-1.5	.49	.49			
----------	11-14	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	2.5-5.2	0.3-1.0	.49	.49			
----------	14-26	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	2.8-5.2	0.0-1.0	.43	.43			
----------	26-34	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	1.9-3.9	0.0-0.5	.49	.49			
----------	34-47	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	1.4-3.6	0.0-0.5	.49	.49			
----------	47-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	1.7-4.1	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
M163C:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.39-1.50	1.00-10.00	0.18-0.22	1.6-3.8	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 3- 15	60-77- 84	15-20- 25	1.39-1.50	1.00-10.00	0.16-0.20	1.5-3.3	0.5-1.5	.49	.49			
----------	11-14	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	2.5-5.2	0.3-1.0	.49	.49			
----------	14-26	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	2.8-5.2	0.0-1.0	.43	.43			
----------	26-34	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	1.9-3.9	0.0-0.5	.49	.49			
----------	34-47	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	1.4-3.6	0.0-0.5	.49	.49			
----------	47-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	1.7-4.1	0.0-0.5	.49	.49			
M163C2:														
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.37-1.47	1.00-10.00	0.18-0.22	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	23-31	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	31-44	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
M163D:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.39-1.50	1.00-10.00	0.18-0.22	1.6-3.8	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 3- 15	60-77- 84	15-20- 25	1.39-1.50	1.00-10.00	0.16-0.20	1.5-3.3	0.5-1.5	.49	.49			
----------	11-14	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	2.5-5.2	0.3-1.0	.49	.49			
----------	14-26	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	2.8-5.2	0.0-1.0	.43	.43			
----------	26-34	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	1.9-3.9	0.0-0.5	.49	.49			
----------	34-47	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	1.4-3.6	0.0-0.5	.49	.49			
----------	47-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	1.7-4.1	0.0-0.5	.49	.49			
M163D2:														
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.37-1.47	1.00-10.00	0.18-0.22	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	23-31	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	31-44	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
M163D3:														
Fayette, severely eroded----------	0-8	1- 5- 13	60-66- 84	15-29- 30	1.36-1.46	1.00-10.00	0.18-0.22	3.0-5.9	1.0-3.0	.37	.37	4	6	48
----------	8-20	1- 3- 5	60-66- 75	24-31- 35	1.39-1.42	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	20-28	1- 3- 5	60-67- 75	24-30- 35	1.42-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	28-41	1- 3- 5	62-69- 79	20-28- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	41-79	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
M163E:														
Fayette----------	0-3	1- 5- 13	60-75- 84	15-20- 27	1.39-1.50	1.00-10.00	0.18-0.22	1.6-3.8	2.0-3.5	.37	.37	5	6	48
----------	3-11	1- 3- 15	60-77- 84	15-20- 25	1.39-1.50	1.00-10.00	0.16-0.20	1.5-3.3	0.5-1.5	.49	.49			
----------	11-14	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	2.5-5.2	0.3-1.0	.49	.49			
----------	14-26	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	2.8-5.2	0.0-1.0	.43	.43			
----------	26-34	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	1.9-3.9	0.0-0.5	.49	.49			
----------	34-47	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	1.4-3.6	0.0-0.5	.49	.49			
----------	47-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	1.7-4.1	0.0-0.5	.49	.49			
M163E2:														
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.37-1.47	1.00-10.00	0.18-0.22	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	23-31	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	31-44	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
M163E3:														
Fayette, severely eroded----------	0-8	1- 5- 13	60-66- 84	15-29- 30	1.36-1.46	1.00-10.00	0.18-0.22	3.0-5.9	1.0-3.0	.37	.37	4	6	48
----------	8-20	1- 3- 5	60-66- 75	24-31- 35	1.39-1.42	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	20-28	1- 3- 5	60-67- 75	24-30- 35	1.42-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	28-41	1- 3- 5	62-69- 79	20-28- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	41-79	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
M163F:														
Fayette----------	0-3	1- 5- 13	60-75- 84	15-20- 27	1.39-1.50	1.00-10.00	0.18-0.22	1.6-3.8	2.0-3.5	.37	.37	5	6	48
----------	3-11	1- 3- 15	60-77- 84	15-20- 25	1.39-1.50	1.00-10.00	0.16-0.20	1.5-3.3	0.5-1.5	.49	.49			
----------	11-14	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	2.5-5.2	0.3-1.0	.49	.49			
----------	14-26	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	2.8-5.2	0.0-1.0	.43	.43			
----------	26-34	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	1.9-3.9	0.0-0.5	.49	.49			
----------	34-47	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	1.4-3.6	0.0-0.5	.49	.49			
----------	47-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	1.7-4.1	0.0-0.5	.49	.49			
M163F2:														
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.37-1.47	1.00-10.00	0.18-0.22	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 3- 5	60-72- 78	21-25- 35	1.39-1.50	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 3- 5	60-66- 75	24-31- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	23-31	1- 3- 5	60-67- 75	24-30- 35	1.30-1.56	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	31-44	1- 3- 5	62-69- 79	20-28- 33	1.30-1.55	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-79	1- 4- 5	65-70- 81	18-26- 30	1.30-1.55	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
P162B:														
Downs----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.18-0.22	0.0-3.9	2.5-3.5	.37	.37	5	6	48
----------	8-12	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-3.9	1.0-2.0	.49	.49			
----------	12-17	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	17-24	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.3-1.3	.49	.49			
----------	24-33	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-3.9	0.3-0.8	.49	.49			
----------	33-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.15-0.19	0.0-3.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-3.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-3.9	0.0-0.5	.49	.49			
P162C:														
Downs----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.18-0.22	0.0-3.9	2.5-3.5	.37	.37	5	6	48
----------	8-12	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-3.9	1.0-2.0	.49	.49			
----------	12-17	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	17-24	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.3-1.3	.49	.49			
----------	24-33	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-3.9	0.3-0.8	.49	.49			
----------	33-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.15-0.19	0.0-3.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-3.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-3.9	0.0-0.5	.49	.49			
P162C2:														
Downs, eroded--------	0-6	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.0	.37	.37	5	6	48
----------	6-12	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	12-24	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.3-1.3	.49	.49			
----------	24-33	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.3-0.8	.49	.49			
----------	33-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.15-0.19	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P162D:														
Downs----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.18-0.22	0.0-3.9	2.5-3.5	.37	.37	5	6	48
----------	8-12	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-3.9	1.0-2.0	.49	.49			
----------	12-17	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	17-24	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.3-1.3	.49	.49			
----------	24-33	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-3.9	0.3-0.8	.49	.49			
----------	33-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.15-0.19	0.0-3.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-3.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-3.9	0.0-0.5	.49	.49			
P162D2:														
Downs, eroded--------	0-6	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.0	.37	.37	5	6	48
----------	6-12	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.16-0.20	3.0-5.9	0.5-1.5	.49	.49			
----------	12-24	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.3-1.3	.49	.49			
----------	24-33	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.3-0.8	.49	.49			
----------	33-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.15-0.19	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
P163B:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P163C:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P163C2:														
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.31-1.35	1.00-10.00	0.17-0.21	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	23-31	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	31-44	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			

----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P163D:														
Fayette----------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.34-1.44	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	8-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
P163D2:														
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.31-1.35	1.00-10.00	0.17-0.21	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	23-31	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	31-44	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P163D3:														
Fayette, severely eroded----------	0-8	1- 5- 13	60-66- 84	15-29- 30	1.36-1.46	1.00-10.00	0.18-0.22	3.0-5.9	1.0-3.0	.37	.37	4	6	48
----------	8-20	1- 3- 5	60-66- 75	24-31- 35	1.39-1.42	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	20-28	1- 3- 5	60-67- 75	24-30- 35	1.42-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	28-41	1- 3- 5	62-69- 79	20-28- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	41-79	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P163E:														
Fayette----------	0-3	1- 5- 13	60-75- 84	15-20- 27	1.31-1.35	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	3-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P163E2:														
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.31-1.35	1.00-10.00	0.17-0.21	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	23-31	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	31-44	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P163E3:														
Fayette, severely eroded----------	0-8	1- 5- 13	60-66- 84	15-29- 30	1.36-1.46	1.00-10.00	0.18-0.22	3.0-5.9	1.0-3.0	.37	.37	4	6	48
----------	8-20	1- 3- 5	60-66- 75	24-31- 35	1.39-1.42	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	20-28	1- 3- 5	60-67- 75	24-30- 35	1.42-1.46	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
----------	28-41	1- 3- 5	62-69- 79	20-28- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	41-79	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
P163F:														
Fayette----------	0-3	1- 5- 13	60-75- 84	15-20- 27	1.31-1.35	1.00-10.00	0.17-0.21	0.0-2.9	2.0-3.5	.37	.37	5	6	48
----------	3-11	1- 4- 15	60-76- 84	15-20- 25	1.45-1.46	1.00-10.00	0.16-0.20	0.0-2.9	0.5-1.5	.55	.55			
----------	11-14	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	14-26	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	26-34	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	34-47	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	47-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
P163F2:														
Fayette, eroded------	0-8	1- 5- 13	60-75- 84	15-20- 27	1.31-1.35	1.00-10.00	0.17-0.21	0.0-2.9	1.0-3.0	.43	.43	5	6	48
----------	8-11	1- 4- 5	60-71- 78	21-25- 35	1.38-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.3-1.0	.49	.49			
----------	11-23	1- 4- 5	60-68- 75	24-28- 35	1.41-1.44	1.00-10.00	0.16-0.20	3.0-5.9	0.0-1.0	.49	.49			
----------	23-31	1- 4- 5	60-69- 75	24-27- 35	1.42-1.47	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	31-44	1- 4- 5	62-70- 79	20-26- 33	1.36-1.39	1.00-10.00	0.16-0.20	0.0-2.9	0.0-0.5	.49	.49			
----------	44-65	1- 4- 5	65-70- 81	18-26- 30	1.29-1.38	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
----------	65-79	5-16- 25	45-59- 77	18-25- 30	1.33-1.43	1.00-10.00	0.15-0.19	3.0-5.9	0.0-0.5	.49	.49			
SL:														
Sewage lagoon--------	---	--	--	--	---	---	---	---	---	---	---	--	---	---
T119A:														
Muscatine, terrace---	0-7	1- 3- 7	58-67- 75	24-30- 35	1.22-1.42	1.00-10.00	0.22-0.24	3.0-5.9	4.0-6.0	.37	.37	5	6	48
----------	7-16	1- 3- 7	58-67- 75	24-30- 35	1.22-1.42	1.00-10.00	0.22-0.24	3.0-5.9	4.0-6.0	.28	.28			
----------	16-20	1- 4- 10	55-63- 72	27-33- 35	1.30-1.43	1.00-10.00	0.20-0.22	3.0-5.9	1.5-4.0	.37	.37			
----------	20-42	1- 5- 10	55-62- 72	27-33- 35	1.34-1.50	1.00-10.00	0.16-0.20	3.0-5.9	0.5-2.0	.43	.43			
----------	42-79	1- 5- 10	55-70- 79	20-25- 35	1.35-1.60	1.00-10.00	0.15-0.19	3.0-5.9	0.3-0.8	.49	.49			
T120A:														
Tama----------	0-6	1- 3- 10	62-70- 77	22-27- 30	1.26-1.38	1.00-10.00	0.19-0.23	3.0-5.9	3.0-4.5	.32	.32	5	6	48
----------	6-10	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
----------	10-14	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
----------	14-18	1- 3- 5	63-66- 72	24-31- 32	1.24-1.35	1.00-10.00	0.17-0.21	3.0-5.9	1.0-2.5	.43	.43			
----------	18-32	1- 3- 5	60-64- 72	24-33- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
----------	32-45	1- 3- 5	60-66- 73	24-31- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
----------	45-60	1- 3- 5	65-69- 76	20-28- 30	1.35-1.40	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			
T120B:														
Tama----------	0-6	1- 3- 10	62-70- 77	22-27- 30	1.26-1.38	1.00-10.00	0.19-0.23	3.0-5.9	3.0-4.5	.32	.32	5	6	48
----------	6-10	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
----------	10-14	1- 3- 10	60-69- 77	22-28- 30	1.22-1.36	1.00-10.00	0.19-0.23	3.0-5.9	2.5-4.0	.37	.37			
----------	14-18	1- 3- 5	63-66- 72	24-31- 32	1.24-1.35	1.00-10.00	0.17-0.21	3.0-5.9	1.0-2.5	.43	.43			
----------	18-32	1- 3- 5	60-64- 72	24-33- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
----------	32-45	1- 3- 5	60-66- 73	24-31- 35	1.37-1.46	1.00-10.00	0.17-0.21	3.0-5.9	0.5-2.0	.43	.43			
----------	45-60	1- 3- 5	65-69- 76	20-28- 30	1.35-1.40	1.00-10.00	0.16-0.20	3.0-5.9	0.0-0.5	.49	.49			

Physical Soil Properties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
	In	Pct	Pct	Pct	g/cc	um/sec	In/in	Pct	Pct					
T160:														
Walford, terrace-----	0-7	-11-	-67-	18-22- 26	1.35-1.40	1.00-10.00	0.21-0.23	3.0-5.9	2.5-3.5	.37	.37	5	6	48
----------	7-20	- 9-	-65-	24-26- 35	1.40-1.50	1.00-10.00	0.18-0.20	6.0-8.9	1.0-2.0	.49	.49			
----------	20-60	- 7-	-62-	27-31- 35	1.35-1.40	1.00-10.00	0.18-0.20	6.0-8.9	0.0-1.0	.43	.43			
----------	60-67	-84-	- 9-	5- 8- 10	1.65-1.75	10.00-100.00	0.03-0.08	0.0-2.9	0.0-1.0	.15	.15			
T163B:														
Fayette, terrace-----	0-12	-11-	-69-	15-20- 25	1.30-1.35	1.00-10.00	0.20-0.22	0.0-2.9	2.0-3.0	.43	.43	5	6	48
----------	12-48	- 7-	-63-	25-30- 35	1.30-1.45	1.00-10.00	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
----------	48-60	-67-	-15-	15-18- 20	1.30-1.35	10.00-100.00	0.11-0.17	0.0-2.9	0.0-0.5	.20	.20			
T291A:														

Atterberry, terrace--	0-16	-10-	-68-	20-23- 26	1.35-1.55	1.00-10.00	0.22-0.25	0.0-2.9	3.0-4.0	.37	.37	5	6	48
	16-46	- 9-	-63-	25-28- 35	1.40-1.60	1.00-10.00	0.14-0.24	3.0-5.9	0.5-1.0	.49	.49			
	46-60	- 7-	-73-	15-20- 26	1.40-1.60	1.00-10.00	0.21-0.24	0.0-2.9	0.1-0.5	.49	.49			
W:														
Water	---	--	--	--	---	---	---	---	---	---	---	--	---	---