Physical Properties of the Soils

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

Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
1C:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	2.5-3.5	.32	.32	5	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
1C3:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.7-1.7	.43	.43	4	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
1D:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	2.5-3.5	.32	.32	5	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
1D3:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.7-1.7	.43	.43	4	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
1E:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	2.5-3.5	.32	.32	5	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
1E3:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.7-1.7	.43	.43	4	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
1F:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	2.5-3.5	.32	.32	5	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
1F3:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.7-1.7	.43	.43	4	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			

Physical Properties of the Soils

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

Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
1G:													
Ida----------	100	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	2.5-3.5	.32	.32	5	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
2G:													
Hamburg----------	100	0-4	6-12	1.20-1.30	0.6-2	0.20-0.24	0.0-2.9	1.7-2.7	.43	.43	5	4L	86
		4-60	6-12	1.20-1.30	0.6-2	0.17-0.22	0.0-2.9	0.0-0.5	.43	.43			
3E:													
Castana----------	100	0-14	18-22	1.20-1.25	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.28	.28	5	4L	86
		14-60	18-24	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-1.0	.43	.43			
8B:													
Judson----------	95	0-7	24-27	1.30-1.35	0.6-2	0.21-0.23	0.0-2.9	3.0-4.0	.28	.28	5	6	48
		7-55	28-35	1.35-1.45	0.6-2	0.21-0.23	3.0-5.9	2.0-3.0	.43	.43			
		55-60	25-32	1.35-1.45	0.6-2	0.21-0.23	3.0-5.9	0.0-1.0	.43	.43			
8C:													
Judson----------	100	0-7	24-27	1.30-1.35	0.6-2	0.21-0.23	0.0-2.9	3.0-4.0	.28	.28	5	6	48
		7-55	28-35	1.35-1.45	0.6-2	0.21-0.23	3.0-5.9	2.0-3.0	.43	.43			
		55-60	25-32	1.35-1.45	0.6-2	0.21-0.23	3.0-5.9	0.0-1.0	.43	.43			
9:													
Marshall----------	100	0-24	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	3.5-4.5	.28	.28	5	7	38
		24-56	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		56-60	22-30	1.30-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
9B:													
Marshall----------	100	0-24	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	3.0-4.0	.28	.28	5	7	38
		24-56	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		56-60	22-30	1.30-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
9C:													
Marshall----------	100	0-24	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	3.0-4.0	.28	.28	5	7	38
		24-56	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		56-60	22-30	1.30-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
9C2:													
Marshall----------	100	0-7	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	2.2-3.2	.32	.32	5	7	38
		7-38	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	1.0-1.0	.32	.32			
		38-60	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
9D:													
Marshall----------	100	0-24	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	3.0-4.0	.28	.28	5	7	38
		24-56	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		56-60	22-30	1.30-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
9D2:													
Marshall----------	100	0-7	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	2.2-3.2	.32	.32	5	7	38
		7-38	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	1.0-1.0	.32	.32			
		38-60	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
10:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.5-4.5	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10B:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
10C:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10C2:													
Monona----------	100	0-7	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	2.2-3.2	.32	.32	5	6	48
		7-24	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		24-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10C3:													
Monona----------	100	0-7	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	1.2-2.2	.43	.43	4	6	48
		7-24	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
		24-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10D:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10D2:													
Monona----------	100	0-7	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	2.2-3.2	.32	.32	5	6	48
		7-24	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		24-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10D3:													
Monona----------	100	0-7	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	1.2-2.2	.43	.43	4	6	48
		7-24	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
		24-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Erosion factors Kf	Erosion factors T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
10E:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10E2:													
Monona----------	100	0-7	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	2.2-3.2	.32	.32	5	6	48
		7-24	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		24-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10E3:													
Monona----------	100	0-7	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	1.2-2.2	.43	.43	4	6	48
		7-24	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
		24-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10F:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
10G:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
11B:													
Ackmore----------	35	0-8	18-27	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	1.0-7.0	.32	.32	5	6	48
		8-28	18-30	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	1.0-3.0	.32	.32			
		28-60	26-38	1.30-1.40	0.6-2	0.18-0.20	6.0-8.9	3.0-5.0	.32	.32			
Colo----------	25	0-34	27-36	1.28-1.32	0.6-2	0.21-0.23	3.0-5.9	1.0-7.0	.28	.28	5	7	38
		34-48	30-35	1.25-1.35	0.6-2	0.18-0.20	3.0-5.9	3.0-4.0	.28	.28			
		48-60	25-35	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.32	.32			
Judson----------	25	0-7	24-27	1.30-1.35	0.6-2	0.21-0.23	0.0-2.9	1.0-7.0	.28	.28	5	6	48
		7-30	28-35	1.35-1.45	0.6-2	0.21-0.23	3.0-5.9	2.0-3.0	.43	.43			
		30-60	25-32	1.35-1.45	0.6-2	0.21-0.23	3.0-5.9	0.0-1.0	.43	.43			
12B:													
Napier----------	100	0-30	20-27	1.20-1.25	0.6-2	0.22-0.24	0.0-2.9	3.0-4.0	.28	.28	5	6	48
		30-60	20-27	1.25-1.30	0.6-2	0.20-0.22	0.0-2.9	1.0-2.0	.43	.43			
12C:													
Napier----------	100	0-30	20-27	1.20-1.25	0.6-2	0.22-0.24	0.0-2.9	3.0-4.0	.28	.28	5	6	48
		30-60	20-27	1.25-1.30	0.6-2	0.20-0.22	0.0-2.9	1.0-2.0	.43	.43			
12D:													
Napier----------	90	0-30	20-27	1.20-1.25	0.6-2	0.22-0.24	0.0-2.9	3.0-4.0	.28	.28	5	6	48
		30-60	20-27	1.25-1.30	0.6-2	0.20-0.22	0.0-2.9	1.0-2.0	.43	.43			
22C3:													
Dow----------	100	0-8	18-25	1.20-1.45	0.6-2	0.22-0.24	0.0-2.9	0.7-1.7	.43	.43	4	4L	86
		8-60	18-25	1.30-1.45	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
22D3:													
Dow----------	100	0-8	18-25	1.20-1.45	0.6-2	0.22-0.24	0.0-2.9	0.7-1.7	.43	.43	4	4L	86
		8-60	18-25	1.30-1.45	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			

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Pottawattamie County, Iowa

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
22E3:													
Dow----------	100	0-8	18-25	1.20-1.45	0.6-2	0.22-0.24	0.0-2.9	0.7-1.7	.43	.43	4	4L	86
		8-60	18-25	1.30-1.45	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
24D2:													
Shelby----------	95	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	2.2-3.2	.32	.32	5	6	48
		7-50	30-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.0-2.0	.28	.28			
		50-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.28	.28			
24E2:													
Shelby----------	95	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	2.2-3.2	.32	.32	5	6	48
		7-50	30-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.0-2.0	.28	.28			
		50-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
24E3:													
Shelby----------	95	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.2-2.2	.37	.37	4	6	48
		7-50	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
		50-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
33D2:													
Steinauer----------	100	0-6	27-32	1.30-1.60	0.2-0.6	0.17-0.19	3.0-5.9	2.2-3.2	.32	.32	5	4L	86
		6-11	27-32	1.30-1.60	0.2-0.6	0.15-0.17	3.0-5.9	0.0-1.0	.32	.32			
		11-60	24-35	1.50-1.80	0.2-0.6	0.14-0.19	3.0-5.9	0.0-0.5	.32	.32			
33E2:													
Steinauer----------	100	0-6	27-32	1.30-1.60	0.2-0.6	0.17-0.19	3.0-5.9	2.2-3.2	.32	.32	5	4L	86
		6-11	27-32	1.30-1.60	0.2-0.6	0.15-0.17	3.0-5.9	0.0-1.0	.32	.32			
		11-60	24-35	1.50-1.80	0.2-0.6	0.14-0.19	3.0-5.9	0.0-0.5	.32	.32			
36:													
Salix----------	100	0-16	27-30	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	3.0-4.0	.28	.28	5	7	38
		16-22	28-38	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
		22-60	16-22	1.35-1.45	0.6-2	0.20-0.22	0.0-2.9	0.0-1.0	.43	.43			

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
43:													
Bremer----------	95	0-20	27-36	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	5.0-7.0	.32	.32	5	7	38
		20-60	35-42	1.30-1.40	0.2-0.6	0.15-0.17	6.0-8.9	1.0-2.0	.43	.43			
44:													
Blencoe----------	90	0-22	40-55	1.30-1.35	0.06-0.2	0.12-0.14	6.0-8.9	3.0-5.0	.28	.28	5	4	86
		22-26	35-50	1.30-1.35	0.06-0.2	0.18-0.20	6.0-8.9	1.0-3.0	.43	.43			
		26-60	18-24	1.35-1.40	0.6-2	0.20-0.22	3.0-5.9	0.5-1.0	.43	.43			
46:													
Keg----------	95	0-35	20-26	1.20-1.25	0.6-2	0.21-0.23	0.0-2.9	2.5-3.5	.28	.28	5	6	48
		35-60	18-22	1.25-1.40	0.6-2	0.20-0.22	0.0-2.9	0.5-1.0	.43	.43			
54:													
Zook----------	100	0-19	35-40	1.30-1.35	0.2-0.6	0.21-0.23	6.0-8.9	5.0-7.0	.37	.37	5	7	38
		19-60	36-45	1.30-1.45	0.06-0.2	0.11-0.13	6.0-8.9	2.0-4.0	.28	.28			
54+:													
Zook----------	95	0-15	20-26	1.30-1.35	0.6-2	0.22-0.24	3.0-5.9	2.0-4.0	.37	.37	4	6	48
		15-60	36-45	1.30-1.45	0.06-0.2	0.11-0.13	6.0-8.9	2.0-4.0	.28	.28			
60D2:													
Malvern----------	100	0-7	28-40	1.30-1.40	0.2-0.6	0.21-0.23	3.0-5.9	2.7-3.7	.37	.37	3	7	38
		7-36	28-40	1.30-1.40	0.2-0.6	0.21-0.23	3.0-5.9	1.0-2.0	.32	.32			
		36-60	40-50	1.50-1.65	0.06-0.2	0.12-0.14	6.0-8.9	0.0-1.0	.43	.43			
66:													
Luton----------	95	0-24	40-60	1.30-1.35	0.0000-0.06	0.12-0.14	6.0-8.9	3.0-5.0	.28	.28	5	4	86
		24-60	40-60	1.35-1.45	0.0000-0.06	0.11-0.13	6.0-8.9	0.0-1.0	.28	.28			
66+:													
Luton----------	95	0-9	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	1.5-2.5	.43	.43	5	6	48
		9-24	50-60	1.30-1.35	0.0000-0.06	0.12-0.14	6.0-8.9	0.0-1.0	.28	.28			
		24-60	40-60	1.35-1.45	0.0000-0.06	0.11-0.13	6.0-8.9	0.0-1.0	.28	.28			

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
70:													
Mcpaul----------	95	0-60	10-18	1.20-1.30	0.6-2	0.21-0.23	0.0-2.9	1.5-2.5	.32	.32	5	4L	86
76C:													
Ladoga----------	100	0-12	18-27	1.30-1.35	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.32	.32	5	6	48
		12-42	36-42	1.30-1.40	0.2-0.6	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
		42-60	24-32	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	0.0-0.5	.43	.43			
76D:													
Ladoga----------	100	0-12	18-27	1.30-1.35	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.32	.32	5	6	48
		12-42	36-42	1.30-1.40	0.2-0.6	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
		42-60	24-32	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	0.0-0.5	.43	.43			
76F:													
Ladoga----------	100	0-12	18-27	1.30-1.35	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.32	.32	5	6	48
		12-42	36-42	1.30-1.40	0.2-0.6	0.18-0.20	3.0-5.9	0.5-1.0	.43	.43			
		42-60	24-32	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	0.0-0.5	.43	.43			
88:													
Nevin----------	95	0-26	27-29	1.30-1.35	0.6-2	0.21-0.23	3.0-5.9	4.0-6.0	.28	.28	5	7	38
		26-51	30-35	1.30-1.40	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.43	.43			
		51-60	25-36	1.40-1.45	0.6-2	0.18-0.20	3.0-5.9	0.0-0.5	.43	.43			
93D2:													
Shelby----------	50	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	2.2-3.2	.32	.32	5	6	48
		7-50	30-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.0-2.0	.28	.28			
		50-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
Adair----------	40	0-9	27-35	1.45-1.50	0.2-0.6	0.17-0.19	3.0-5.9	2.2-3.2	.32	.32	3	7	38
		9-42	38-60	1.55-1.60	0.06-0.2	0.13-0.16	6.0-8.9	0.5-1.0	.32	.32			
		42-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
93D3:													
Shelby----------	50	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.3-2.7	.37	.37	4	6	48
		7-50	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
		50-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
Adair----------	40	0-9	27-35	1.45-1.50	0.2-0.6	0.17-0.19	3.0-5.9	1.3-2.7	.37	.37	2	7	38
		9-42	38-60	1.55-1.60	0.06-0.2	0.13-0.16	6.0-8.9	0.0-0.5	.32	.32			
		42-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
99C2:													
Exira----------	100	0-7	28-34	1.25-1.35	0.6-2	0.21-0.23	3.0-5.9	2.2-3.2	.32	.32	5	7	38
		7-34	25-35	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		34-60	20-30	1.35-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
99D2:													
Exira----------	100	0-7	28-34	1.25-1.35	0.6-2	0.21-0.23	3.0-5.9	2.2-3.2	.32	.32	5	7	38
		7-34	25-35	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		34-60	20-30	1.35-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
99D3:													
Exira----------	100	0-7	28-34	1.25-1.35	0.6-2	0.21-0.23	3.0-5.9	1.2-2.2	.43	.43	4	7	38
		7-34	25-35	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		34-60	20-30	1.35-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
99E2:													
Exira----------	100	0-7	28-34	1.25-1.35	0.6-2	0.21-0.23	3.0-5.9	2.2-3.2	.32	.32	5	7	38
		7-34	25-35	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		34-60	20-30	1.35-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
99E3:													
Exira----------	100	0-7	28-34	1.25-1.35	0.6-2	0.21-0.23	3.0-5.9	1.2-2.2	.43	.43	4	7	38
		7-34	25-35	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		34-60	20-30	1.35-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
133:													
Colo----------	90	0-34	27-36	1.28-1.32	0.6-2	0.21-0.23	3.0-5.9	5.0-7.0	.28	.28	5	7	38
		34-48	30-35	1.25-1.35	0.6-2	0.18-0.20	3.0-5.9	3.0-4.0	.28	.28			
		48-60	25-35	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.32	.32			
133+:													
Colo----------	90	0-15	20-26	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.0-5.0	.28	.28	5	6	48
		15-38	30-35	1.25-1.35	0.6-2	0.18-0.20	3.0-5.9	3.0-4.0	.28	.28			
		38-60	25-35	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.32	.32			
137:													
Haynie----------	95	0-7	15-25	1.20-1.35	0.6-2	0.18-0.23	0.0-2.9	1.0-3.0	.32	.32	5	4L	86
		7-60	15-18	1.20-1.35	0.6-2	0.18-0.23	0.0-2.9	0.0-1.0	.43	.43			
144:													
Blake----------	95	0-7	27-38	1.25-1.30	0.6-2	0.20-0.22	3.0-5.9	0.4-3.0	.32	.32	5	4L	86
		7-26	22-35	1.25-1.30	0.6-2	0.20-0.22	3.0-5.9	0.0-1.0	.43	.43			
		26-60	10-20	1.30-1.35	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
146:													
Onawa----------	95	0-8	40-55	1.30-1.35	0.2-0.6	0.12-0.14	6.0-8.9	2.0-3.0	.28	.28	5	4	86
		8-26	50-60	1.30-1.40	0.06-0.2	0.12-0.14	6.0-8.9	0.0-1.0	.28	.28			
		26-60	12-18	1.40-1.50	0.6-6	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
149:													
Modale----------	95	0-24	10-18	1.20-1.30	0.6-2	0.21-0.23	0.0-2.9	0.4-3.0	.37	.37	5	4L	86
		24-60	50-60	1.35-1.45	0.06-0.2	0.11-0.13	6.0-8.9	0.5-1.0	.28	.28			
156:													
Albaton----------	100	0-9	40-60	1.35-1.40	0.06-0.2	0.11-0.13	6.0-8.9	0.4-3.0	.28	.28	5	4	86
		9-60	50-60	1.35-1.45	0.0000-0.06	0.11-0.13	6.0-8.9	0.0-1.0	.28	.28			

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Pottawattamie County, Iowa

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
156+:													
Albaton----------	100	0-12	22-27	1.30-1.35	0.6-2	0.22-0.24	3.0-5.9	0.4-3.0	.37	.37	5	4L	86
		12-60	50-60	1.35-1.45	0.0000-0.06	0.11-0.13	6.0-8.9	0.0-1.0	.28	.28			
179F:													
Gara----------	95	0-14	18-27	1.50-1.55	0.6-2	0.20-0.22	3.0-5.9	2.5-3.5	.28	.28	5	6	48
		14-46	25-38	1.55-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.32	.32			
		46-60	24-38	1.65-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
192C2:													
Adair----------	100	0-9	27-35	1.45-1.50	0.2-0.6	0.17-0.19	3.0-5.9	2.2-3.2	.32	.32	3	7	38
		9-42	38-60	1.55-1.60	0.06-0.2	0.13-0.16	6.0-8.9	0.5-1.0	.32	.32			
		42-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
192D2:													
Adair----------	100	0-9	27-35	1.45-1.50	0.2-0.6	0.17-0.19	3.0-5.9	2.2-3.2	.32	.32	3	7	38
		9-42	38-60	1.55-1.60	0.06-0.2	0.13-0.16	6.0-8.9	0.5-1.0	.32	.32			
		42-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
212:													
Kennebec----------	95	0-56	22-27	1.25-1.35	0.6-2	0.22-0.24	3.0-5.9	4.0-6.0	.28	.28	5	6	48
		56-60	24-28	1.35-1.40	0.6-2	0.20-0.22	3.0-5.9	1.0-2.0	.43	.43			
212+:													
Kennebec----------	90	0-18	22-27	1.25-1.35	0.6-2	0.22-0.24	3.0-5.9	3.0-5.0	.28	.28	5	6	48
		18-60	24-28	1.35-1.40	0.6-2	0.20-0.22	3.0-5.9	1.0-2.0	.43	.43			
220:													
Nodaway----------	90	0-10	18-27	1.25-1.35	0.6-2	0.20-0.23	0.0-2.9	1.5-2.5	.32	.32	5	6	48
		10-60	18-28	1.25-1.35	0.6-2	0.20-0.23	3.0-5.9	0.0-0.5	.43	.43			

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
222D2:													
Clarinda----------	100	0-7	27-38	1.45-1.50	0.2-0.6	0.17-0.19	3.0-5.9	2.2-3.2	.37	.37	3	7	38
		7-50	40-60	1.50-1.65	0.0000-0.6	0.14-0.16	6.0-8.9	0.5-1.0	.37	.37			
		50-60	40-60	1.50-1.65	0.0000-0.06	0.14-0.16	6.0-8.9	0.0-0.5	.37	.37			
234:													
Nishna----------	100	0-19	36-40	1.30-1.35	0.06-0.2	0.12-0.14	6.0-8.9	4.5-6.5	.37	.37	5	4	86
		19-60	38-46	1.35-1.40	0.06-0.2	0.11-0.13	6.0-8.9	1.0-2.0	.28	.28			
237:													
Sarpy----------	90	0-6	2-5	1.20-1.50	6-20	0.05-0.09	0.0-2.9	0.5-1.5	.17	.17	5	2	134
		6-60	2-5	1.20-1.50	6-20	0.05-0.09	0.0-2.9	0.0-0.5	.15	.15			
255:													
Cooper----------	90	0-16	27-34	1.25-1.30	0.6-2	0.19-0.21	3.0-5.9	3.0-4.0	.32	.32	5	7	38
		16-24	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.28	.28			
		24-60	40-60	1.35-1.40	0.06-0.2	0.11-0.13	6.0-8.9	0.0-0.5	.28	.28			
275:													
Moville----------	95	0-26	10-18	1.25-1.30	0.6-2	0.21-0.23	0.0-2.9	1.5-2.5	.37	.37	5	4L	86
		26-60	50-60	1.35-1.45	0.0000-0.06	0.11-0.13	6.0-8.9	3.0-4.0	.28	.28			
430:													
Ackmore----------	95	0-8	18-27	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	1.0-3.0	.32	.32	5	6	48
		8-28	18-30	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	1.0-3.0	.32	.32			
		28-60	26-38	1.30-1.40	0.6-2	0.18-0.20	6.0-8.9	3.0-5.0	.32	.32			
436:													
Lakeport----------	95	0-10	32-38	1.30-1.35	0.1-2	0.18-0.20	6.0-8.9	3.0-4.0	.28	.28	5	4	86
		10-20	35-38	1.30-1.35	0.1-2	0.18-0.20	6.0-8.9	1.0-2.0	.32	.32			
		20-48	35-42	1.35-1.40	0.1-2	0.17-0.19	6.0-8.9	0.5-1.0	.43	.43			
		48-60	18-30	1.40-1.50	0.6-2	0.17-0.19	3.0-5.9	0.0-0.5	.43	.43			

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Erosion factors Kf	Erosion factors T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
509:													
Marshall----------	100	0-16	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	3.5-4.5	.28	.28	5	7	38
		16-56	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		56-60	22-30	1.30-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
509B:													
Marshall----------	100	0-16	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	3.0-4.0	.28	.28	5	7	38
		16-56	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
		56-60	22-30	1.30-1.40	0.6-2	0.20-0.22	3.0-5.9	0.0-0.5	.43	.43			
509C2:													
Marshall----------	100	0-7	27-35	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	2.2-3.2	.32	.32	5	7	38
		7-38	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	1.0-1.0	.32	.32			
		38-60	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	0.0-1.0	.43	.43			
510:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.5-4.5	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
510B:													
Monona----------	100	0-14	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		14-31	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		31-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
510C2:													
Monona----------	100	0-7	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	2.2-3.2	.32	.32	5	6	48
		7-24	24-28	1.30-1.35	0.6-2	0.20-0.22	3.0-5.9	1.0-1.0	.43	.43			
		24-60	18-24	1.35-1.40	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Erosion factors Kf	Erosion factors T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
514:													
Grable----------	90	0-8	18-27	1.20-1.25	0.6-2	0.22-0.24	0.0-2.9	1.5-2.5	.32	.32	4	4L	86
		8-22	12-16	1.25-1.50	0.6-2	0.20-0.22	0.0-2.9	0.0-1.0	.43	.43			
		22-60	2-10	1.20-1.50	6-20	0.02-0.07	0.0-2.9	0.0-0.5	.15	.15			
515:													
Percival----------	95	0-7	40-60	1.30-1.35	0.06-0.2	0.10-0.12	6.0-8.9	1.0-3.0	.28	.28	4	4	86
		7-19	40-60	1.30-1.35	0.06-0.2	0.10-0.12	6.0-8.9	0.0-2.0	.28	.28			
		19-60	2-12	1.30-1.50	6-20	0.02-0.04	0.0-2.9	0.0-0.5	.15	.15			
670:													
Rawles----------	95	0-23	18-27	1.25-1.35	0.6-2	0.21-0.23	3.0-5.9	1.0-3.0	.32	.32	5	4L	86
		23-60	22-32	1.35-1.40	0.6-2	0.19-0.21	3.0-5.9	3.0-4.0	.32	.32			
717C:													
Napier----------	75	0-30	20-27	1.20-1.25	0.6-2	0.22-0.24	0.0-2.9	3.0-4.0	.28	.28	5	6	48
		30-60	20-27	1.25-1.30	0.6-2	0.20-0.22	0.0-2.9	1.0-2.0	.43	.43			
Gullied Land----------	25	---	---	---	---	---	---	---	---	---	-	---	---
1233:													
Corley----------	95	0-33	20-27	1.25-1.30	0.6-2	0.22-0.24	3.0-5.9	3.5-4.5	.28	.28	5	6	48
		33-60	26-32	1.30-1.40	0.6-2	0.18-0.20	6.0-8.9	0.0-1.0	.43	.43			
1299:													
Minden----------	95	0-23	27-32	1.25-1.30	0.6-2	0.21-0.23	3.0-5.9	5.0-6.0	.28	.28	5	7	38
		23-60	29-35	1.30-1.40	0.6-2	0.18-0.20	3.0-5.9	1.0-3.0	.43	.43			

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
4001C:													
Ida	50	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	2.5-3.5	.32	.32	5	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
Urban Land	40	---	---	---	---	---	---	---	---	---	-	---	---
4001D:													
Ida	50	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	2.5-3.5	.32	.32	5	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
Urban Land	40	---	---	---	---	---	---	---	---	---	-	---	---
4001E:													
Ida	50	0-8	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	2.5-3.5	.32	.32	5	4L	86
		8-60	18-25	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-0.5	.43	.43			
Urban Land	40	---	---	---	---	---	---	---	---	---	-	---	---
4012B:													
Napier	50	0-30	20-27	1.20-1.25	0.6-2	0.22-0.24	0.0-2.9	3.0-4.0	.28	.28	5	6	48
		30-60	20-27	1.25-1.30	0.6-2	0.20-0.22	0.0-2.9	1.0-2.0	.43	.43			
Urban Land	40	---	---	---	---	---	---	---	---	---	-	---	---
4046:													
Keg	50	0-35	20-26	1.20-1.25	0.6-2	0.21-0.23	0.0-2.9	2.5-3.5	.28	.28	5	6	48
		35-60	18-22	1.25-1.40	0.6-2	0.20-0.22	0.0-2.9	0.5-1.0	.43	.43			
Urban Land	40	---	---	---	---	---	---	---	---	---	-	---	---

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Erosion factors Kf	Erosion factors T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
4156:													
Albaton----------	50	0-9	40-60	1.35-1.40	0.06-0.2	0.11-0.13	6.0-8.9	0.4-3.0	.28	.28	5	4	86
		9-60	50-60	1.35-1.45	0.0000-0.06	0.11-0.13	6.0-8.9	0.0-1.0	.28	.28			
Urban Land----------	40	---	---	---	---	---	---	---	---	---	-	---	---
4170C:													
Castana----------	50	0-14	18-22	1.20-1.25	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.28	.28	5	4L	86
		14-60	18-24	1.20-1.30	0.6-2	0.20-0.22	0.0-2.9	0.0-1.0	.43	.43			
Urban Land----------	40	---	---	---	---	---	---	---	---	---	-	---	---
4237:													
Sarpy----------	50	0-8	2-5	1.20-1.50	6-20	0.05-0.09	0.0-2.9	0.5-1.5	.17	.17	5	2	134
		8-60	2-5	1.20-1.50	6-20	0.05-0.09	0.0-2.9	0.0-0.5	.15	.15			
Urban Land----------	40	---	---	---	---	---	---	---	---	---	-	---	---
4255:													
Cooper----------	50	0-16	27-34	1.25-1.30	0.6-2	0.19-0.21	3.0-5.9	3.0-4.0	.32	.32	5	7	38
		16-33	27-34	1.30-1.35	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.28	.28			
		33-60	40-60	1.35-1.40	0.06-0.2	0.11-0.13	6.0-8.9	0.0-0.5	.28	.28			
Urban Land----------	40	---	---	---	---	---	---	---	---	---	-	---	---
5030:													
Pits----------	100	---	---	---	---	---	---	---	---	---	-	---	---
5040:													
Orthents----------	100	---	---	---	---	---	---	---	---	---	-	---	---

Physical Properties of the Soils

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Pottawattamie County, Iowa

Map symbol and soil name	Component percent	Depth	Clay	Moist bulk density	Permea-bility	Available water capacity	Linear extensi-bility	Organic matter	Erosion factors Kw	Kf	T	Wind erodi-bility group	Wind erodi-bility index
		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
5053:													
Psammaquents----------	95	0-40	---	---	2-6	0.05-0.10	0.0-2.9	---	.02	---	5	1	310
		40-60	---	---	2-6	0.04-0.09	0.0-2.9	---	.02	---			
5080:													
Orthents----------	100	---	---	---	---	---	---	---	---	---	-	---	---
INT:													
Intermittent Water----	100	---	---	---	---	---	---	---	---	---	-	---	---
SL:													
Sewage Lagoon---------	100	---	---	---	---	---	---	---	---	---	-	---	---
W:													
Water----------	100	---	---	---	---	---	---	---	---	---	-	---	---