Physical Properties of the Soils

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Wayne 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					
AaC:													
Adair----------	100	0-17	24-27	1.45-1.50	0.6-2	0.20-0.22	3.0-5.9	3.0-4.0	.32	.32	3	6	48
		17-34	38-60	1.55-1.60	0.0000-0.2	0.13-0.16	6.0-8.9	0.5-1.0	.32	.32			
		34-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
AaC2:													
Adair----------	100	0-8	24-27	1.45-1.50	0.6-2	0.20-0.22	3.0-5.9	2.2-3.2	.32	.32	3	6	48
		8-34	38-60	1.55-1.60	0.0000-0.2	0.13-0.16	6.0-8.9	0.5-1.0	.32	.32			
		34-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
AaD:													
Adair----------	100	0-17	24-27	1.45-1.50	0.6-2	0.20-0.22	3.0-5.9	3.0-4.0	.32	.32	3	6	48
		17-34	38-60	1.55-1.60	0.0000-0.2	0.13-0.16	6.0-8.9	0.5-1.0	.32	.32			
		34-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
AaD2:													
Adair----------	100	0-8	24-27	1.45-1.50	0.6-2	0.20-0.22	3.0-5.9	2.2-3.2	.32	.32	3	6	48
		8-34	38-60	1.55-1.60	0.0000-0.2	0.13-0.16	6.0-8.9	0.5-1.0	.32	.32			
		34-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
AdC3:													
Adair----------	100	0-8	27-35	1.45-1.50	0.2-0.6	0.17-0.19	3.0-5.9	1.7-2.7	.37	.37	2	6	38
		8-34	38-60	1.55-1.60	0.0000-0.2	0.13-0.16	6.0-8.9	0.0-0.5	.32	.32			
		34-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
AdD3:													
Adair----------	100	0-8	27-35	1.45-1.50	0.2-0.6	0.17-0.19	3.0-5.9	1.7-2.7	.37	.37	2	6	38
		8-34	38-60	1.55-1.60	0.0000-0.2	0.13-0.16	6.0-8.9	0.0-0.5	.32	.32			
		34-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
AsD2:													
Adair----------	55	0-8	24-27	1.45-1.50	0.6-2	0.20-0.22	3.0-5.9	2.2-3.2	.32	.32	3	6	48
		8-34	38-60	1.55-1.60	0.0000-0.2	0.13-0.16	6.0-8.9	0.5-1.0	.32	.32			
		34-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			

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Wayne 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					
Shelby----------	35	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
		7-15	30-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.0-2.0	.28	.28			
		15-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.28	.28			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
AsD3:													
Adair----------	55	0-8	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	6	38
		8-34	38-60	1.55-1.60	0.0000-0.2	0.13-0.16	6.0-8.9	0.0-0.5	.32	.32			
		34-60	30-38	1.60-1.70	0.2-0.6	0.14-0.16	3.0-5.9	0.0-0.5	.32	.32			
Shelby----------	35	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
		7-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
CaD2:													
Caleb----------	100	0-8	22-27	1.45-1.50	0.6-2	0.14-0.18	0.0-2.9	2.0-3.0	.28	.28	5	6	48
		8-35	20-35	1.45-1.65	0.6-2	0.14-0.18	3.0-5.9	0.0-0.5	.32	.32			
		35-60	5-30	1.55-1.75	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.32	.32			
CaE2:													
Caleb----------	100	0-8	22-27	1.45-1.50	0.6-2	0.14-0.18	0.0-2.9	2.0-3.0	.28	.28	5	6	48
		8-35	20-35	1.45-1.65	0.6-2	0.14-0.18	3.0-5.9	0.0-0.5	.32	.32			
		35-60	5-30	1.55-1.75	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.32	.32			
CbD3:													
Caleb----------	100	0-8	27-30	1.45-1.50	0.6-2	0.14-0.18	3.0-5.9	1.0-2.0	.32	.32	4	6	48
		8-35	20-35	1.45-1.65	0.6-2	0.14-0.18	3.0-5.9	0.0-0.5	.32	.32			
		35-60	5-30	1.55-1.75	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.32	.32			
CbE3:													
Caleb----------	100	0-8	27-30	1.45-1.50	0.6-2	0.14-0.18	3.0-5.9	1.0-2.0	.32	.32	4	6	48
		8-35	20-35	1.45-1.65	0.6-2	0.14-0.18	3.0-5.9	0.0-0.5	.32	.32			
		35-60	5-30	1.55-1.75	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.32	.32			
Ch:													
Chequest----------	100	0-12	30-35	1.30-1.35	0.2-0.6	0.18-0.20	6.0-8.9	3.0-4.0	.32	.32	5	7	38
		12-60	35-42	1.35-1.45	0.2-0.6	0.14-0.18	6.0-8.9	0.0-1.0	.43	.43			

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Wayne 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					
ClC:													
Clarinda----------	100	0-11	27-38	1.45-1.50	0.2-0.6	0.17-0.19	3.0-5.9	3.0-4.0	.37	.37	3	7	38
		11-34	40-60	1.50-1.65	0.0000-0.06	0.14-0.16	6.0-8.9	0.5-1.0	.37	.37			
		34-67	40-60	1.50-1.65	0.0000-0.06	0.14-0.16	6.0-8.9	0.0-0.5	.37	.37			
ClC2:													
Clarinda----------	100	0-8	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
		8-34	40-60	1.50-1.65	0.0000-0.6	0.14-0.16	6.0-8.9	0.5-1.0	.37	.37			
		34-67	40-60	1.50-1.65	0.0000-0.06	0.14-0.16	6.0-8.9	0.0-0.5	.37	.37			
ClD2:													
Clarinda----------	100	0-8	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
		8-34	40-60	1.50-1.65	0.0000-0.6	0.14-0.16	6.0-8.9	0.5-1.0	.37	.37			
		34-67	40-60	1.50-1.65	0.0000-0.06	0.14-0.16	6.0-8.9	0.0-0.5	.37	.37			
CmC3:													
Clarinda----------	100	0-8	40-50	1.45-1.55	0.0000-0.06	0.14-0.16	6.0-8.9	1.7-2.7	.37	.37	2	4	86
		8-34	40-60	1.50-1.65	0.0000-0.06	0.14-0.16	6.0-8.9	0.0-0.5	.37	.37			
		34-67	40-60	1.50-1.65	0.0000-0.06	0.14-0.16	6.0-8.9	0.0-0.5	.37	.37			
Co:													
Colo----------	100	0-14	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
		14-46	30-35	1.25-1.35	0.6-2	0.18-0.20	3.0-5.9	3.0-4.0	.28	.28			
		46-60	25-35	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.32	.32			
CoB:													
Colo----------	100	0-14	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
		14-46	30-35	1.25-1.35	0.6-2	0.18-0.20	3.0-5.9	3.0-4.0	.28	.28			
		46-60	25-35	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.32	.32			
Cz:													
Colo----------	55	0-14	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
		14-46	30-35	1.25-1.35	0.6-2	0.18-0.20	3.0-5.9	3.0-4.0	.28	.28			
		46-60	25-35	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.32	.32			

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
Zook	35	0-20	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
		20-52	36-45	1.30-1.45	0.0000-0.2	0.11-0.13	6.0-8.9	2.0-4.0	.28	.28			
		52-60	20-45	1.30-1.45	0.0000-0.6	0.11-0.22	6.0-8.9	0.0-1.0	.28	.28			
Ed:													
Edina	100	0-9	15-27	1.35-1.45	0.6-2	0.22-0.24	3.0-5.9	3.5-4.5	.37	.37	3	6	48
		9-18	15-27	1.35-1.45	0.6-2	0.20-0.22	3.0-5.9	0.5-1.0	.37	.37			
		18-54	45-60	1.30-1.45	0.0000-0.06	0.11-0.13	9.0-25.0	0.0-0.5	.37	.37			
		54-70	27-40	1.35-1.50	0.0000-0.2	0.18-0.20	6.0-8.9	0.0-0.5	.37	.37			
GaD2:													
Gara	100	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	2.0-3.0	.32	.32	5	6	48
		7-45	25-38	1.55-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.32	.32			
		45-60	24-38	1.65-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
GaE:													
Gara	100	0-12	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
		12-45	25-38	1.55-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.32	.32			
		45-60	24-38	1.65-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
GaE2:													
Gara	100	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	2.0-3.0	.32	.32	5	6	48
		7-45	25-38	1.55-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.32	.32			
		45-60	24-38	1.65-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
GaF:													
Gara	100	0-12	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
		12-45	25-38	1.55-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.32	.32			
		45-60	24-38	1.65-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
GaF2:													
Gara	100	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	2.0-3.0	.32	.32	5	6	48
		7-45	25-38	1.55-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.32	.32			
		45-60	24-38	1.65-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
GrE3:													
Gara----------	100	0-7	27-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.0-2.0	.37	.37	4	6	48
		7-45	25-38	1.55-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.32	.32			
		45-60	24-38	1.65-1.75	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
GuB:													
Grundy----------	100	0-11	28-35	1.35-1.45	0.2-0.6	0.18-0.20	6.0-8.9	3.0-4.0	.37	.37	3	7	38
		11-14	32-45	1.35-1.45	0.2-0.6	0.18-0.20	6.0-8.9	0.5-1.0	.37	.37			
		14-38	40-50	1.30-1.40	0.0000-0.2	0.11-0.13	6.0-8.9	0.0-0.5	.37	.37			
		38-72	28-35	1.35-1.40	0.0000-0.2	0.18-0.20	6.0-8.9	0.0-0.5	.37	.37			
GuC:													
Grundy----------	100	0-11	28-35	1.35-1.45	0.2-0.6	0.18-0.20	6.0-8.9	3.0-4.0	.37	.37	3	7	38
		11-14	32-45	1.35-1.45	0.2-0.6	0.18-0.20	6.0-8.9	0.5-1.0	.37	.37			
		14-38	40-50	1.30-1.40	0.0000-0.2	0.11-0.13	6.0-8.9	0.0-0.5	.37	.37			
		38-72	28-35	1.35-1.40	0.0000-0.2	0.18-0.20	6.0-8.9	0.0-0.5	.37	.37			
GuC2:													
Grundy----------	100	0-11	28-35	1.35-1.45	0.2-0.6	0.18-0.20	6.0-8.9	2.7-3.7	.37	.37	3	7	38
		11-14	32-45	1.35-1.45	0.2-0.6	0.18-0.20	6.0-8.9	0.5-1.0	.37	.37			
		14-38	40-50	1.30-1.40	0.0000-0.2	0.11-0.13	6.0-8.9	0.0-0.5	.37	.37			
		38-72	28-35	1.35-1.40	0.0000-0.2	0.18-0.20	6.0-8.9	0.0-0.5	.37	.37			
Ha:													
Haig----------	100	0-7	22-27	1.35-1.40	0.6-2	0.22-0.24	3.0-5.9	3.5-4.5	.37	.37	3	6	48
		7-19	28-48	1.30-1.35	0.6-2	0.21-0.23	6.0-8.9	1.0-2.0	.37	.37			
		19-41	40-50	1.30-1.45	0.0000-0.2	0.12-0.14	6.0-8.9	0.0-1.0	.32	.32			
		41-60	28-40	1.40-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
Hu:													
Humeston----------	100	0-13	27-30	1.35-1.40	0.2-0.6	0.21-0.23	3.0-5.9	3.0-4.0	.37	.37	5	7	38
		13-22	20-26	1.30-1.35	0.1-2	0.20-0.22	3.0-5.9	1.0-2.0	.43	.43			
		22-63	30-48	1.35-1.50	0.0000-0.06	0.13-0.15	6.0-8.9	0.5-1.0	.32	.32			

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
HuB:													
Humeston----------	100	0-13	27-30	1.35-1.40	0.2-0.6	0.21-0.23	3.0-5.9	3.0-4.0	.37	.37	5	7	38
		13-22	20-26	1.30-1.35	0.1-2	0.20-0.22	3.0-5.9	1.0-2.0	.43	.43			
		22-63	30-48	1.35-1.50	0.0000-0.06	0.13-0.15	6.0-8.9	0.5-1.0	.32	.32			
KnB:													
Kniffin----------	100	0-9	22-26	1.35-1.40	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.37	.37	3	6	48
		9-28	48-56	1.40-1.45	0.0000-0.06	0.12-0.14	6.0-8.9	0.5-1.0	.43	.43			
		28-60	32-40	1.45-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
KnC:													
Kniffin----------	100	0-9	22-26	1.35-1.40	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.37	.37	3	6	48
		9-28	48-56	1.40-1.45	0.0000-0.06	0.12-0.14	6.0-8.9	0.5-1.0	.43	.43			
		28-60	32-40	1.45-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
KnC2:													
Kniffin----------	100	0-9	22-26	1.35-1.40	0.6-2	0.22-0.24	0.0-2.9	2.0-3.0	.37	.37	3	6	48
		9-28	48-56	1.40-1.45	0.0000-0.06	0.12-0.14	6.0-8.9	0.5-1.0	.43	.43			
		28-60	32-40	1.45-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
LaC2:													
Lamoni----------	100	0-8	27-40	1.45-1.50	0.2-0.6	0.17-0.21	3.0-5.9	2.2-3.2	.37	.37	3	7	38
		8-55	38-50	1.55-1.65	0.0000-0.2	0.13-0.17	6.0-8.9	0.5-2.0	.37	.37			
		55-60	32-40	1.60-1.70	0.0000-0.2	0.14-0.18	6.0-8.9	0.0-0.5	.37	.37			
LaD2:													
Lamoni----------	100	0-8	27-40	1.45-1.50	0.2-0.6	0.17-0.21	3.0-5.9	2.2-3.2	.37	.37	3	7	38
		8-55	38-50	1.55-1.65	0.0000-0.2	0.13-0.17	6.0-8.9	0.5-2.0	.37	.37			
		55-60	32-40	1.60-1.70	0.0000-0.2	0.14-0.18	6.0-8.9	0.0-0.5	.37	.37			
LmD3:													
Lamoni----------	100	0-8	27-40	1.45-1.50	0.2-0.6	0.17-0.21	3.0-5.9	1.7-2.7	.37	.37	2	7	38
		8-55	38-50	1.55-1.65	0.0000-0.2	0.13-0.17	6.0-8.9	0.0-0.5	.37	.37			
		55-60	32-40	1.60-1.70	0.0000-0.2	0.14-0.18	6.0-8.9	0.0-0.5	.37	.37			

Physical Properties of the Soils

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Wayne 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					
Ln:													
Lawson----------	55	0-12	10-27	1.20-1.55	0.6-2	0.22-0.24	0.0-2.9	3.4-6.0	.28	.28	5	6	56
		12-30	10-30	1.20-1.55	0.6-2	0.18-0.22	0.0-2.9	3.0-7.0	.28	.28			
		30-60	18-30	1.55-1.65	0.6-2	0.18-0.20	3.0-5.9	1.0-4.0	.43	.43			
		60-65	18-30	1.50-1.70	0.6-2	0.11-0.15	3.0-5.9	0.1-1.0	.43	.43			
Nodaway----------	35	0-7	18-27	1.25-1.35	0.6-2	0.20-0.23	0.0-2.9	3.4-6.0	.32	.32	5	6	48
		7-60	18-28	1.25-1.35	0.6-2	0.20-0.23	3.0-5.9	0.0-0.5	.43	.43			
LoF2:													
Lindley----------	100	0-7	18-27	1.20-1.40	0.6-2	0.16-0.18	0.0-2.9	1.5-2.5	.32	.32	5	6	48
		7-46	25-35	1.40-1.60	0.2-0.6	0.14-0.18	3.0-5.9	0.1-1.0	.32	.32			
		46-60	18-32	1.45-1.65	0.2-0.6	0.12-0.16	3.0-5.9	0.1-0.5	.32	.32			
LvC:													
Lineville----------	100	0-10	22-27	1.45-1.50	0.6-2	0.16-0.20	3.0-5.9	2.5-3.5	.37	.37	3	6	48
		10-15	28-35	1.50-1.55	0.2-0.6	0.17-0.21	3.0-5.9	0.0-0.5	.37	.37			
		15-36	20-35	1.65-1.75	0.0000-0.2	0.17-0.21	3.0-5.9	0.0-0.5	.37	.37			
		36-72	28-45	1.65-1.75	0.0000-0.2	0.13-0.21	6.0-8.9	0.0-0.5	.37	.37			
LvC2:													
Lineville----------	100	0-7	22-27	1.45-1.50	0.6-2	0.16-0.20	3.0-5.9	2.0-3.0	.37	.37	3	6	48
		7-15	28-35	1.50-1.55	0.2-0.6	0.17-0.21	3.0-5.9	0.0-0.5	.37	.37			
		15-36	20-35	1.65-1.75	0.0000-0.2	0.17-0.21	3.0-5.9	0.0-0.5	.37	.37			
		36-72	28-45	1.65-1.75	0.0000-0.2	0.13-0.21	6.0-8.9	0.0-0.5	.37	.37			
MyC2:													
Mystic----------	100	0-8	22-29	1.40-1.45	0.6-2	0.22-0.24	3.0-5.9	2.0-3.0	.37	.37	3	6	48
		8-43	30-48	1.55-1.65	0.0000-0.2	0.15-0.19	6.0-8.9	0.0-0.5	.37	.37			
		43-54	20-35	1.65-1.75	0.6-2	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
		54-64	10-30	1.65-1.75	0.6-6	0.11-0.13	0.0-2.9	0.0-0.5	.24	.24			
OmB:													
Olmitz----------	100	0-7	24-27	1.40-1.45	0.6-2	0.19-0.21	3.0-5.9	3.0-4.0	.24	.24	5	6	48
		7-30	24-30	1.40-1.45	0.6-2	0.19-0.21	3.0-5.9	2.0-3.0	.28	.28			
		30-60	27-34	1.45-1.55	0.6-2	0.15-0.17	3.0-5.9	1.0-2.0	.28	.28			

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Wayne County, Iowa

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
OvB:													
Olmitz----------	35	0-7	24-27	1.40-1.45	0.6-2	0.19-0.21	3.0-5.9	2.4-7.0	.24	.24	5	6	48
		7-30	24-30	1.40-1.45	0.6-2	0.19-0.21	3.0-5.9	2.0-3.0	.28	.28			
		30-60	27-34	1.45-1.55	0.6-2	0.15-0.17	3.0-5.9	1.0-2.0	.28	.28			
Vesser----------	30	0-12	20-26	1.30-1.35	0.6-2	0.20-0.24	3.0-5.9	2.4-7.0	.28	.28	5	6	48
		12-31	18-22	1.35-1.40	0.6-2	0.18-0.22	3.0-5.9	1.0-2.0	.43	.43			
		31-60	30-35	1.40-1.45	0.6-2	0.17-0.21	3.0-5.9	0.0-1.0	.43	.43			
Colo----------	25	0-14	27-36	1.28-1.32	0.6-2	0.21-0.23	3.0-5.9	2.4-7.0	.28	.28	5	6	38
		14-46	30-35	1.25-1.35	0.6-2	0.18-0.20	3.0-5.9	3.0-4.0	.28	.28			
		46-60	25-35	1.35-1.45	0.6-2	0.18-0.20	3.0-5.9	1.0-2.0	.32	.32			
PeC:													
Pershing----------	100	0-9	20-27	1.30-1.40	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.37	.37	3	6	48
		9-13	27-35	1.30-1.40	0.2-0.6	0.20-0.22	3.0-5.9	0.0-1.0	.43	.43			
		13-37	35-48	1.35-1.45	0.0000-0.2	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
		37-72	24-40	1.35-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
PeC2:													
Pershing----------	100	0-9	20-27	1.30-1.40	0.6-2	0.22-0.24	0.0-2.9	2.0-3.0	.37	.37	3	6	48
		9-13	27-35	1.30-1.40	0.2-0.6	0.20-0.22	3.0-5.9	0.0-1.0	.43	.43			
		13-37	35-48	1.35-1.45	0.0000-0.2	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
		37-72	24-40	1.35-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
PhB:													
Pershing----------	100	0-9	20-27	1.30-1.40	0.6-2	0.22-0.24	0.0-2.9	2.5-3.5	.37	.37	3	6	48
		9-13	27-35	1.30-1.40	0.2-0.6	0.20-0.22	3.0-5.9	0.0-1.0	.43	.43			
		13-37	35-48	1.35-1.45	0.0000-0.2	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
		37-72	24-40	1.35-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
PhC2:													
Pershing----------	100	0-9	20-27	1.30-1.40	0.6-2	0.22-0.24	0.0-2.9	2.0-3.0	.37	.37	3	6	48
		9-13	27-35	1.30-1.40	0.2-0.6	0.20-0.22	3.0-5.9	0.0-1.0	.43	.43			
		13-37	35-48	1.35-1.45	0.0000-0.2	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
		37-72	24-40	1.35-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
RaC:													
Rathbun----------	100	0-13	16-22	1.35-1.40	0.6-2	0.22-0.24	0.0-2.9	2.0-3.0	.43	.43	3	6	48
		13-36	48-56	1.40-1.45	0.0000-0.06	0.12-0.14	6.0-8.9	0.0-0.5	.32	.32			
		36-63	32-40	1.45-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.32	.32			
RaC2:													
Rathbun----------	100	0-8	22-27	1.35-1.40	0.6-2	0.22-0.24	0.0-2.9	1.5-2.5	.43	.43	3	6	48
		8-36	48-56	1.40-1.45	0.0000-0.06	0.12-0.14	6.0-8.9	0.0-0.5	.32	.32			
		36-63	32-40	1.45-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.32	.32			
SeB:													
Seymour----------	100	0-11	22-27	1.35-1.45	0.6-2	0.22-0.24	0.0-2.9	3.0-4.0	.37	.37	3	6	48
		11-36	36-55	1.40-1.45	0.0000-0.06	0.12-0.18	6.0-8.9	0.5-1.0	.28	.28			
		36-64	35-40	1.45-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
SfC:													
Seymour----------	100	0-11	28-38	1.40-1.45	0.2-0.6	0.18-0.20	3.0-5.9	3.0-4.0	.37	.37	3	7	38
		11-36	36-55	1.40-1.45	0.0000-0.06	0.12-0.18	6.0-8.9	0.5-1.0	.28	.28			
		36-64	35-40	1.45-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
SfC2:													
Seymour----------	100	0-11	28-38	1.40-1.45	0.2-0.6	0.18-0.20	3.0-5.9	2.2-3.2	.37	.37	3	7	38
		11-36	36-55	1.40-1.45	0.0000-0.06	0.12-0.18	6.0-8.9	0.5-1.0	.28	.28			
		36-64	35-40	1.45-1.50	0.2-0.6	0.18-0.20	6.0-8.9	0.0-0.5	.43	.43			
ShD:													
Shelby----------	100	0-11	24-27	1.50-1.55	0.6-2	0.20-0.22	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		11-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
ShD2:													
Shelby----------	100	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
		7-15	30-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.0-2.0	.28	.28			
		15-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.28	.28			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
ShE:													
Shelby----------	100	0-11	24-27	1.50-1.55	0.6-2	0.20-0.22	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		11-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
ShE2:													
Shelby----------	100	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
		7-15	30-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.0-2.0	.28	.28			
		15-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.28	.28			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
ShF2:													
Shelby----------	100	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
		7-15	30-35	1.50-1.55	0.2-0.6	0.16-0.18	3.0-5.9	1.0-2.0	.28	.28			
		15-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.28	.28			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-0.5	.37	.37			
SoD3:													
Shelby----------	100	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
		7-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
SoE3:													
Shelby----------	100	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
		7-48	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
		48-60	30-35	1.55-1.65	0.2-0.6	0.16-0.18	3.0-5.9	0.0-1.0	.37	.37			
Ve:													
Vesser----------	95	0-12	20-26	1.30-1.35	0.6-2	0.20-0.24	3.0-5.9	3.0-4.0	.28	.28	5	6	48
		12-31	18-22	1.35-1.40	0.6-2	0.18-0.22	3.0-5.9	1.0-2.0	.43	.43			
		31-60	30-35	1.40-1.45	0.6-2	0.17-0.21	3.0-5.9	0.0-1.0	.43	.43			
VeB:													
Vesser----------	95	0-12	20-26	1.30-1.35	0.6-2	0.20-0.24	3.0-5.9	2.5-3.5	.28	.28	5	6	48
		12-31	18-22	1.35-1.40	0.6-2	0.18-0.22	3.0-5.9	1.0-2.0	.43	.43			
		31-60	30-35	1.40-1.45	0.6-2	0.17-0.21	3.0-5.9	0.0-1.0	.43	.43			

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		In	Pct	g/cc	In/hr	In/in	Pct	Pct					
W:													
Water----------	100	---	---	---	---	---	---	---	---	---	-	---	---
Wa:													
Wabash----------	95	0-19	40-46	1.25-1.45	0.0000-0.06	0.12-0.14	9.0-25.0	4.0-6.0	.28	.28	5	4	86
		19-60	40-60	1.20-1.45	0.0000-0.06	0.08-0.12	9.0-25.0	1.0-2.0	.28	.28			
Zo:													
Zook----------	100	0-26	35-40	1.30-1.35	0.2-0.6	0.21-0.23	6.0-8.9	5.0-7.0	.28	.28	5	7	86
		26-47	35-45	1.30-1.45	0.0000-0.2	0.11-0.13	6.0-8.9	1.0-2.0	.28	.28			
		47-60	25-45	1.30-1.45	0.0000-0.2	0.11-0.20	6.0-8.9	1.0-2.0	.28	.28			