U.S. DEPARTMENT OF AGRICULTURE

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EROSION FACTORS

Mapunit	Comp %	Cap Clc	R Fact	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	USLE Kf Factor	OM RV %
IA021-Buena Vista County, Iowa																
6																
Okoboji	95	3	150	0.0-0.5-1.0	200	b/d	5	86	H1	0-27	SICL	7.4	54.1	38.5	.32	11.00
									H2	27-34	SICL	7.4	54.1	38.5	.32	8.50
									H3	34-58	SIC	8.0	52.0	40.0	.32	3.50
									H4	58-62	SR L SICL	38.5	36.5	25.0	.28	2.00
27C																
Terril	90	3	150	4.0-7.0-9.0	200	b	5	48	H1	0-9	L	41.1	36.9	22.0	.24	3.50
									H2	9-32	L	37.4	36.6	26.0	.28	2.50
									H3	32-60	L	39.8	37.7	22.5	.32	0.50
31																
Afton	95	2	150	0.0-1.0-2.0	200	c/d	5	86	H1	0-24	SICL	7.7	56.8	35.5	.32	6.50
									H2	24-44	SICL	6.9	63.1	30.0	.43	1.50
									H3	44-60	SICL	7.1	65.4	27.5	.43	0.25
32																
Spicer	95	2	150	0.0-1.0-2.0	200	b/d	5	86	H1	0-7	SICL	6.7	61.3	32.0	.28	6.50
									H2	7-18	SICL	7.1	64.9	28.0	.37	4.00
									H3	18-41	SICL	7.1	64.9	28.0	.37	1.50
									H4	41-60	L	32.2	42.8	25.0	.28	1.00
34B																
Estherville	90	3	150	2.0-4.0-5.0	200	b	3	86	H1	0-13	SL	66.6	23.4	10.0	.20	2.00
									H2	13-19	SL	66.8	19.2	14.0	.20	0.25
									H3	19-60	GR-COS	92.1	3.9	4.0	.10	0.25
34C2																
Estherville	95	4	150	5.0-7.0-9.0	200	b	3	86	H1	0-13	SL	66.6	23.4	10.0	.20	1.50
									H2	13-19	SL	66.8	19.2	14.0	.20	0.25
									H3	19-60	GR-COS	92.1	3.9	4.0	.10	0.25
55																
Nicollet	90	1	150	1.0-2.0-3.0	200	b	5	48	H1	0-16	L	38.1	36.4	25.5	.24	5.50
									H2	16-34	CL	33.6	36.9	29.5	.32	4.00
									H3	34-60	L	37.4	36.6	26.0	.32	0.50
62C																
Storden	85	3	150	5.0-7.0-9.0	200	b	5	86	H1	0-6	L	39.8	37.7	22.5	.28	3.00
									H2	6-60	L	39.1	36.9	24.0	.37	0.25
62D																
Storden	85	3	150	9.0-12.0-14.0	200	b	5	86	H1	0-6	L	39.8	37.7	22.5	.28	3.00
									H2	6-60	L	39.1	36.9	24.0	.37	0.25

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Mapunit	Comp %	Cap Clc	R Fact	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	USLE Kf Factor	OM RV %
62E																
Storden	85	4	150	14.0-16.0-18.0	200	b	5	86	H1	0-6	L	39.8	37.7	22.5	.28	3.00
									H2	6-60	L	39.1	36.9	24.0	.37	0.25
62F																
Storden	85	6	150	18.0-22.0-25.0	200	b	5	86	H1	0-6	L	39.8	37.7	22.5	.28	3.00
									H2	6-60	L	39.1	36.9	24.0	.37	0.25
62G																
Storden	85	7	150	25.0-33.0-40.0	200	b	5	86	H1	0-6	L	39.8	37.7	22.5	.28	3.00
									H2	6-60	L	39.1	36.9	24.0	.37	0.25
73C																
Salida	90	4	150	5.0-7.0-9.0	200	a	5	0	H1	0-7	GR-SL	66.6	23.4	10.0	.20	2.00
									H2	7-12	GR-LS	79.2	15.8	5.0	.17	0.25
									H3	12-60	GRV-S	96.0	1.5	2.5	.17	0.25
73D																
Salida	90	4	150	9.0-12.0-14.0	200	a	5	0	H1	0-7	GR-SL	66.6	23.4	10.0	.20	2.00
									H2	7-12	GR-LS	79.2	15.8	5.0	.17	0.25
									H3	12-60	GRV-S	96.0	1.5	2.5	.17	0.25
77B																
Sac	85	2	150	2.0-4.0-5.0	200	b	5	38	H1	0-12	SICL	7.7	56.8	35.5	.28	4.00
									H2	12-28	SICL	6.7	60.8	32.5	.43	1.50
									H3	28-60	L	32.6	43.4	24.0	.37	0.50
77C2																
Sac	85	3	150	5.0-7.0-9.0	200	b	5	38	H1	0-12	SICL	7.7	56.8	35.5	.28	3.20
									H2	12-28	SICL	6.7	60.8	32.5	.43	1.50
									H3	28-60	L	32.6	43.4	24.0	.37	0.50
78B																
Sac	100	2	150	2.0-4.0-5.0	200	b	5	38	H1	0-13	SICL	7.7	56.8	35.5	.28	4.00
									H2	13-27	SICL	6.7	60.8	32.5	.43	1.50
									H3	27-60	L	32.6	43.4	24.0	.37	0.50
78C2																
Sac	95	3	150	5.0-7.0-9.0	200	b	5	38	H1	0-13	SICL	7.7	56.8	35.5	.28	3.20
									H2	13-27	SICL	6.7	60.8	32.5	.43	1.50
									H3	27-60	CL	26.6	43.9	29.5	.37	0.50
91																
Primghar	95	1	150	0.0-1.0-2.0	200	b	5	86	H1	0-18	SICL	7.6	55.4	37.0	.28	5.50
									H2	18-43	SICL	6.7	60.8	32.5	.43	3.00
									H3	43-60	SICL	8.9	63.6	27.5	.43	1.50

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91B																
Primghar	90	2	150	2.0-3.0-4.0	200	b	5	86	H1	0-18	SICL	7.6	55.4	37.0	.28	5.50
									H2	18-43	SICL	6.7	60.8	32.5	.43	3.00
									H3	43-60	SICL	8.9	63.6	27.5	.43	1.50
92																
Marcus	90	2	150	0.0-1.0-2.0	200	b/d	5	86	H1	0-14	SICL	7.6	54.9	37.5	.28	6.50
									H2	14-44	SICL	6.7	60.8	32.5	.43	4.00
									H3	44-57	SIL	9.1	64.9	26.0	.43	1.50
									H4	57-62	L	31.8	42.2	26.0	.43	0.50
95																
Harps	90	2	150	0.0-1.0-2.0	200	b/d	5	86	H1	0-16	L	38.0	36.0	26.0	.24	5.00
									H2	16-35	L	38.5	36.5	25.0	.32	2.50
									H3	35-60	L	38.5	36.5	25.0	.32	0.50
107																
Webster	85	2	150	0.0-1.0-2.0	200	b/d	5	38	H1	0-18	SICL	20.0	49.0	31.0	.28	6.50
									H2	18-36	CL	33.5	36.5	30.0	.32	3.00
									H3	36-60	L	39.2	37.3	23.5	.32	1.50
108																
Wadena	95	2	150	0.0-1.0-2.0	200	b	4	48	H1	0-14	L	39.8	37.7	22.5	.24	4.00
									H2	14-28	L	39.1	36.9	24.0	.32	0.75
									H3	28-60	SR S GR-COS	94.4	2.6	3.0	.10	0.25
108B																
Wadena	85	2	150	2.0-4.0-5.0	200	b	4	48	H1	0-14	L	39.8	37.7	22.5	.24	3.50
									H2	14-28	L	39.1	36.9	24.0	.32	0.75
									H3	28-60	SR S GR-COS	94.4	2.6	3.0	.10	0.25
108C2																
Wadena	85	3	150	5.0-7.0-9.0	200	b	4	48	H1	0-14	L	39.8	37.7	22.5	.28	2.70
									H2	14-28	L	39.1	36.9	24.0	.32	0.75
									H3	28-60	SR S GR-COS	94.4	2.6	3.0	.10	0.25
133																
Colo	90	2	150	0.0-1.0-2.0	200	b/d	5	38	H1	0-39	SICL	6.8	61.7	31.5	.28	6.00
									H2	39-48	SICL	6.7	60.8	32.5	.28	3.50
									H3	48-60	SICL	6.9	63.1	30.0	.32	1.50
Calco	5	2	150	0.0-1.0-2.0	200	b/d	5	86	H1	0-24	SICL	6.9	62.6	30.5	.28	5.50
									H2	24-36	SICL	6.7	60.8	32.5	.28	4.00
									H3	36-60	SICL	7.1	64.9	28.0	.32	2.00

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138B																
Clarion	85	2	150	2.0-4.0-5.0	200	b	5	48	H1	0-16	L	41.6	37.4	21.0	.24	3.50
									H2	16-32	L	37.4	36.6	26.0	.37	0.75
									H3	32-60	L	43.3	39.7	17.0	.37	0.25
138C2																
Clarion	85	3	150	5.0-7.0-9.0	200	b	5	48	H1	0-7	L	41.6	37.4	21.0	.28	2.70
									H2	7-16	L	41.6	37.4	21.0	.32	1.50
									H3	16-32	L	37.4	36.6	26.0	.37	0.75
									H4	32-60	L	43.3	39.7	17.0	.37	0.25
138D2																
Clarion	85	3	150	9.0-12.0-14.0	200	b	5	48	H1	0-7	L	41.6	37.4	21.0	.28	2.70
									H2	7-16	L	41.6	37.4	21.0	.32	1.50
									H3	16-32	L	37.4	36.6	26.0	.37	0.75
									H4	32-60	L	43.3	39.7	17.0	.37	0.25
175B																
Dickinson	90	3	150	2.0-4.0-5.0	200	b	4	86	H1	0-13	FSL	66.1	19.9	14.0	.20	2.00
									H2	13-25	FSL	67.3	20.2	12.5	.17	0.75
									H3	25-39	LFS	86.4	6.6	7.0	.20	0.25
									H4	39-60	S	91.1	1.9	7.0	.15	0.25
202																
Cylinder	95	2	150	0.0-1.0-2.0	200	b	4	48	H1	0-20	L	38.8	36.7	24.5	.24	4.50
									H2	20-30	L	38.0	36.0	26.0	.32	2.50
									H3	30-60	GR-COS	89.2	3.8	7.0	.15	0.25
203																
Cylinder	95	1	150	0.0-1.0-2.0	200	b	4	48	H1	0-20	L	38.8	36.7	24.5	.24	4.50
									H2	20-30	L	38.0	36.0	26.0	.32	2.50
									H3	30-60	GR-COS	89.2	3.8	7.0	.15	0.25
236F																
Lester	90	6	150	18.0-22.0-25.0	200	b	5	48	H1	0-9	L	41.6	37.4	21.0	.28	3.00
									H2	9-31	CL	33.6	36.9	29.5	.28	0.75
									H3	31-60	L	38.5	36.5	25.0	.37	0.25
236G																
Lester	95	7	150	25.0-33.0-40.0	200	b	5	48	H1	0-9	L	41.6	37.4	21.0	.28	3.00
									H2	9-31	CL	33.6	36.9	29.5	.28	0.75
									H3	31-60	L	38.5	36.5	25.0	.37	0.25
250B																
Clarion	85	2	150	2.0-4.0-5.0	200	b	5	48	H1	0-16	SICL	17.8	52.2	30.0	.24	3.50
									H2	16-32	L	37.4	36.6	26.0	.37	0.75
									H3	32-60	L	43.3	39.7	17.0	.37	0.25

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251																
Nicollet	85	1	150	1.0-2.0-3.0	200	b	5	38	H1	0-16	SICL	20.0	49.0	31.0	.24	5.50
									H2	16-34	CL	33.6	36.9	29.5	.32	4.00
									H3	34-60	L	37.4	36.6	26.0	.32	0.50
259																
Biscay	95	2	150	0.0-1.0-2.0	200	b/d	4	48	H1	0-14	L	39.1	36.9	24.0	.28	6.00
									H2	14-23	L	39.1	36.9	24.0	.28	0.75
									H3	23-35	SL	66.0	15.0	19.0	.32	0.75
									H4	35-60	SR LS GR-COS	90.1	6.4	3.5	.10	0.25
274																
Rolfe	100	3	150	0.0-0.5-1.0	200	c	5	48	H1	0-17	SIL	24.1	51.4	24.5	.37	4.20
									H2	17-35	SIC	7.9	50.6	41.5	.28	1.50
									H3	35-60	CL	33.6	36.9	29.5	.28	0.50
308B																
Wadena	100	2	150	1.0-3.0-5.0	200	b	4	48	H1	0-14	L	39.8	37.7	22.5	.24	3.50
									H2	14-36	L	39.1	36.9	24.0	.32	0.75
									H3	36-60	SR S GR-COS	94.4	2.6	3.0	.10	0.25
310																
Galva	95	1	150	0.0-1.0-2.0	200	b	5	86	H1	0-13	SICL	7.6	55.9	36.5	.32	4.50
									H2	13-36	SICL	6.5	59.0	34.5	.43	1.50
									H3	36-48	SICL	7.1	65.4	27.5	.43	0.25
									H4	48-60	CL	27.1	44.9	28.0	.43	0.25
310B																
Galva	100	2	150	2.0-4.0-5.0	200	b	5	86	H1	0-13	SICL	7.6	55.9	36.5	.32	4.00
									H2	13-36	SICL	6.5	59.0	34.5	.43	1.50
									H3	36-48	SICL	7.1	65.4	27.5	.43	0.25
									H4	48-60	CL	27.1	44.9	28.0	.43	0.25
310C2																
Galva	95	3	150	5.0-7.0-9.0	200	b	5	86	H1	0-13	SICL	7.6	55.9	36.5	.32	3.20
									H2	13-36	SICL	6.5	59.0	34.5	.43	1.50
									H3	36-48	SICL	7.1	65.4	27.5	.43	0.50
									H4	48-60	CL	27.1	44.9	28.0	.43	0.25
384																
Collinwood	90	2	150	0.0-1.0-2.0	200	c	5	86	H1	0-15	SICL	7.6	54.9	37.5	.32	5.50
									H2	15-37	SIC	5.5	47.0	47.5	.32	3.00
									H3	37-60	SIC	8.0	52.0	40.0	.32	0.50

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384B																
Collinwood	90	2	150	2.0-4.0-5.0	200	c	5	86	H1	0-15	SICL	7.6	54.9	37.5	.32	5.00
									H2	15-37	SIC	5.5	47.0	47.5	.32	3.00
									H3	37-60	SIC	8.0	52.0	40.0	.32	0.50
384C																
Collinwood	90	3	150	5.0-7.0-9.0	200	c	5	86	H1	0-15	SICL	7.6	54.9	37.5	.32	5.00
									H2	15-37	SIC	5.5	47.0	47.5	.32	3.00
									H3	37-60	SIC	8.0	52.0	40.0	.32	0.50
390																
Waldorf	85	2	150	0.0-1.0-2.0	200	c/d	5	86	H1	0-16	SICL	7.6	54.9	37.5	.28	6.50
									H2	16-42	SIC	5.5	47.0	47.5	.32	0.75
									H3	42-60	SIC	8.8	50.2	41.0	.32	0.25
428B																
Ely	90	2	150	2.0-4.0-5.0	200	b	5	38	H1	0-29	SICL	7.1	64.4	28.5	.28	5.50
									H2	29-52	SICL	6.8	61.7	31.5	.43	2.00
									H3	52-60	SIL	9.1	65.9	25.0	.43	0.75
485																
Spillville	95	2	150	0.0-1.0-2.0	200	b	5	48	H1	0-45	L	41.1	36.9	22.0	.24	4.50
									H2	45-60	L	42.7	38.3	19.0	.28	2.50
485B																
Spillville	90	2	150	2.0-4.0-5.0	200	b	5	48	H1	0-45	L	41.1	36.9	22.0	.24	4.00
									H2	45-60	L	42.7	38.3	19.0	.28	2.50
506																
Wacousta	100	3	150	0.0-0.5-1.0	200	b/d	5	48	H1	0-7	MK-SIL	9.5	67.5	23.0	.28	9.00
									H2	7-15	SICL	7.0	63.5	29.5	.28	3.00
									H3	15-60	SIL	9.3	66.7	24.0	.43	0.50
507																
Canisteo	85	2	150	0.0-1.0-2.0	200	b/d	5	86	H1	0-18	SICL	20.0	49.0	31.0	.24	6.50
									H2	18-23	CL	34.7	37.8	27.5	.32	3.00
									H3	23-34	L	39.8	37.7	22.5	.32	0.75
									H4	34-60	L	37.4	36.6	26.0	.32	0.25
511																
Blue Earth	100	3	150	0.0-0.5-1.0	200	b/d	5	48	H1	0-16	MK-SIL	9.1	65.9	25.0	.28	12.50
									H2	16-26	MK-SICL	7.1	64.9	28.0	.28	17.50
									H3	26-60	SIL	7.4	67.6	25.0	.28	0.25

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558																
Talcot	85	2	150	0.0-1.0-2.0	200	b/d	4	86	H1	0-18	CL	34.7	32.8	32.5	.28	6.00
									H2	18-38	CL	34.7	32.8	32.5	.28	4.00
									H3	38-60	SR LS GR-COS	90.1	6.4	3.5	.15	0.75
559																
Talcot	90	2	150	0.0-1.0-2.0	200	b/d	4	86	H1	0-18	CL	34.7	32.8	32.5	.28	6.00
									H2	18-38	CL	34.7	32.8	32.5	.28	4.00
									H3	38-60	SR LS GR-COS	90.1	6.4	3.5	.15	0.75
577B																
Everly	90	2	150	2.0-4.0-5.0	200	b	5	48	H1	0-13	CL	34.2	37.3	28.5	.24	3.50
									H2	13-27	CL	33.5	36.5	30.0	.32	1.50
									H3	27-60	L	37.4	36.6	26.0	.32	0.25
577C																
Everly	95	3	150	5.0-7.0-9.0	200	b	5	48	H1	0-13	CL	34.2	37.3	28.5	.24	3.50
									H2	13-27	CL	33.5	36.5	30.0	.32	1.50
									H3	27-60	L	37.4	36.6	26.0	.32	0.25
577C2																
Everly	95	3	150	5.0-7.0-9.0	200	b	5	48	H1	0-13	CL	34.2	37.3	28.5	.28	2.70
									H2	13-27	CL	33.5	36.5	30.0	.32	0.50
									H3	27-60	L	37.4	36.6	26.0	.32	0.25
585B																
Colo	60	2	150	2.0-4.0-5.0	200	b/d	5	38	H1	0-39	SICL	6.8	61.7	31.5	.28	6.00
									H2	39-48	SICL	6.7	60.8	32.5	.28	3.50
									H3	48-60	SICL	6.9	63.1	30.0	.32	1.50
Spillville	30	2	150	2.0-4.0-5.0	200	b	5	48	H1	0-45	L	41.1	36.9	22.0	.24	5.00
									H2	45-60	L	42.7	38.3	19.0	.28	2.50
606																
Lanyon	100	3	150	0.0-0.5-1.0	200	c/d	5	86	H1	0-13	SICL	7.5	54.5	38.0	.28	7.00
									H2	13-21	SIC	5.5	47.0	47.5	.28	3.00
									H3	21-60	CL	34.4	32.6	33.0	.37	0.75
733																
Calco	100	2	150	0.0-1.0-2.0	200	b/d	5	86	H1	0-24	SICL	6.9	62.6	30.5	.28	5.50
									H2	24-36	SICL	6.7	60.8	32.5	.28	4.00
									H3	36-60	SICL	7.1	64.9	28.0	.32	2.00

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE 05/27/2003

EROSION FACTORS

Mapunit	Comp %	Cap Clc	R Fact	Slope L-RV-H %	Slope length (ft)	Hyd Grp	T	WEI	Horz Desig	Depth (in)	Texture RV	Total Sand RV	Total Silt RV	Total Clay RV	USLE Kf Factor	OM RV %
C458																
Millington	90	5	150	0.0-1.0-2.0	200	b/d	5	86	H1	0-13	L	39.2	37.3	23.5	.28	5.00
									H2	13-35	L	37.9	35.6	26.5	.28	2.00
									H3	35-60	SR SL SICL	60.0	13.5	26.5	.28	1.05
C585																
Colo	60	5	150	0.0-1.0-2.0	200	b/d	5	38	H1	0-39	SICL	6.8	61.7	31.5	.28	5.50
									H2	39-48	SICL	6.7	60.8	32.5	.28	3.50
									H3	48-60	SICL	6.9	63.1	30.0	.32	1.50
Spillville	30	5	150	0.0-1.0-2.0	200	b	5	48	H1	0-45	L	41.1	36.9	22.0	.24	5.00
									H2	45-60	L	42.7	38.3	19.0	.28	2.50
T310																
Galva	100	1	150	1.0-2.0-3.0	200	b	5	86	H1	0-13	SICL	7.6	55.9	36.5	.32	4.50
									H2	13-36	SICL	6.5	59.0	34.5	.43	1.50
									H3	36-48	SICL	7.1	65.4	27.5	.43	0.25
									H4	48-60	CL	27.1	44.9	28.0	.43	0.25