Table J1a.--Erosion Properties of the Soils

(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	Erosion Kw	Erosion Kf	Erosion T	Wind erodibility group	Wind erodibility index	Slope Length (rv)	Slope Gradient (rv)
	In						Ft	Pct
AlA:								
Alford	0-8	.43	.43	5	5	56	200	1.0
	8-47	.49	.49					
	47-60	.55	.55					
AlB2:								
Alford	0-8	.43	.43	5	5	56	150	4.0
	8-47	.49	.49					
	47-60	.55	.55					
AlB3:								
Alford	0-8	.43	.43	4	5	56	150	4.0
	8-47	.49	.49					
	47-60	.55	.55					
AlC2:								
Alford	0-8	.43	.43	5	5	56	125	9.0
	8-47	.49	.49					
	47-60	.55	.55					
AlC3:								
Alford	0-8	.43	.43	4	5	56	125	9.0
	8-47	.49	.49					
	47-60	.55	.55					
AlD:								
Alford	0-8	.43	.43	5	5	56	75	15.0
	8-47	.49	.49					
	47-60	.55	.55					
AlD3:								
Alford	0-8	.43	.43	4	5	56	75	15.0
	8-47	.49	.49					
	47-60	.55	.55					
AlE:								
Alford	0-8	.43	.43	5	5	56	75	21.0
	8-47	.49	.49					
	47-60	.55	.55					
Ar:								
Armiesburg	0-17	.32	.32	5	6	48	300	1.0
	17-60	.32	.32					
As:								
Armiesburg variant	0-19	.32	.32	5	5	0	300	1.0
	19-70	.32	.32					
Bd:								
Birds	0-10	.43	.43	5	6	48	300	1.0
	10-60	.43	.43					
BlB:								
Bloomfield	0-15	.10	.10	5	2	134	125	4.0
	15-36	.02	.02					
	36-80	.10	.10					
BlC:								
Bloomfield	0-15	.10	.10	5	2	134	125	9.0
	15-36	.02	.02					
	36-80	.10	.10					
BlD:								
Bloomfield	0-15	.10	.10	5	2	134	75	15.0
	15-36	.02	.02					
	36-80	.10	.10					
BlF:								
Bloomfield	0-15	.10	.10	5	2	134	75	25.0
	15-36	.02	.02					
	36-80	.10	.10					
EkA:								
Elkinsville	0-16	.43	.43	5	5	56	200	1.0
	16-65	.43	.43					
	65-80	.37	.37					
EkB2:								
Elkinsville	0-16	.43	.43	5	5	56	175	4.0
	16-65	.43	.43					
	65-80	.37	.37					

Ev:								
Evansville	0-9	.43	.43	5	6	48	300	1.0
	9-35	.37	.37					
	35-60	.37	.37					
Ge:								
Genesee	0-9	.37	.37	5	6	48	300	1.0
	9-60	.37	.43					
	60-64	.17	.24					
Gn:								
Ginat	0-12	.49	.49	4	6	48	300	1.0
	12-25	.49	.49					
	25-48	.43	.43					
	48-60	.49	.49					
	60-64	.37	.37					
Ha:								
Haymond	0-9	.43	.43	5	5	56	300	1.0
	9-33	.55	.55					
	33-60	.37	.37					
HeA:								
Henshaw	0-8	.43	.43	5	5	56	200	1.0
	8-44	.49	.49					
	44-60	.43	.43					
HoB2:								
Hosmer	0-8	.55	.55	4	5	56	150	4.0
	8-33	.55	.55					
	33-80	.55	.55					
HoC3:								
Hosmer	0-8	.49	.49	2	5	56	125	9.0
	8-33	.55	.55					
	33-80	.55	.55					
HoD3:								
Hosmer	0-8	.49	.49	2	5	56	75	15.0
	8-33	.55	.55					
	33-80	.55	.55					
IoA:								
Iona	0-8	.43	.43	5	5	56	300	1.0
	8-39	.49	.49					
	39-60	.55	.55					
IoB2:								
Iona	0-8	.43	.43	5	5	56	175	4.0
	8-39	.49	.49					
	39-60	.55	.55					
IoB3:								
Iona	0-8	.43	.43	4	5	56	175	4.0
	8-39	.49	.49					
	39-60	.55	.55					
Ju:								
Junius	0-11	.05	.05	5	2	134	300	1.0
	11-34	.05	.05					
	34-60	.05	.05					
Ld:								
Landes	0-19	.24	.24	4	3	86	300	1.0
	19-36	.24	.24					
	36-60	.24	.24					
Ly:								
Lyles	0-20	.10	.10	5	3	86	300	1.0
	20-44	.20	.20					
	44-55	.20	.20					
	55-60	.05	.05					
Nk:								
Newark	0-7	.37	.37	5	6	48	300	1.0
	7-35	.43	.43					
	35-60	.43	.43					
No:								
Nolin	0-10	.43	.43	5	5	56	300	1.0
	10-48	.43	.43					
	48-60	.43	.43					
OnA:								
Onarga	0-15	.15	.15	5	3	86	300	1.0
	15-44	.17	.17					
	44-60	.20	.20					
Pa:								
Patton	0-16	.24	.24	5	7	86	300	1.0
	16-38	.37	.37					
	38-60	.37	.37					
PeA:								

Pekin	0-8	.55	.55	4	6	48	200	1.0
	8-30	.55	.55					
	30-58	.49	.49					
	58-80	.55	.55					
PeB2:								
Pekin	0-8	.55	.55	4	6	48	150	4.0
	8-30	.55	.55					
	30-58	.49	.49					
	58-80	.55	.55					
Pg:								
Peoga	0-18	.55	.55	5	5	56	300	1.0
	18-50	.55	.55					
	50-65	.49	.49					
Ph:								
Petrolia	0-12	.37	.37	5	7	38	300	1.0
	12-70	.37	.37					
PnB:								
Plainfield variant	0-12	.05	.05	5	2	134	150	3.0
	12-30	.05	.05					
	30-65	.10	.10					
PrB2:								
Princeton	0-12	.32	.32	5	5	56	150	4.0
	12-26	.28	.28					
	26-50	.37	.37					
	50-80	.20	.20					
PrC2:								
Princeton	0-12	.24	.24	5	5	56	125	9.0
	12-26	.28	.28					
	26-50	.37	.37					
	50-80	.20	.20					
Ps:								
Psamments	---	---	---	-	---	---	---	---
Ra:								
Ragsdale	0-19	.32	.32	5	6	48	300	1.0
	19-43	.49	.49					
	43-65	.49	.49					
Rh:								
Rahm	0-8	.43	.43	5	6	48	300	1.0
	8-26	.37	.37					
	26-80	.37	.37					
RlA:								
Reesville	0-13	.43	.43	5	5	56	300	1.0
	13-36	.37	.37					
	36-63	.55	.55					
Rn:								
Rensselaer	0-19	.20	.20	5	6	48	300	1.0
	19-49	.24	.24					
	49-60	.20	.20					
St:								
Stonelick	0-35	.24	.24	5	3	86	300	1.0
	35-60	.20	.24					
SyB3:								
Sylvan	0-9	.43	.43	4	6	48	150	4.0
	9-25	.49	.49					
	25-60	.55	.55					
SyC3:								
Sylvan	0-9	.43	.43	4	6	48	125	9.0
	9-25	.49	.49					
	25-60	.55	.55					
SyD3:								
Sylvan	0-9	.43	.43	4	6	0	75	15.0
	9-25	.49	.49					
	25-60	.55	.55					
SyF:								
Sylvan	0-4	.43	.43	5	6	48	75	30.0
	4-9	.49	.49					
	9-25	.49	.49					
	25-60	.55	.55					
UnA:								
Uniontown	0-8	.49	.49	5	5	56	200	1.0
	8-37	.49	.49					
	37-60	.49	.49					
UnB2:								
Uniontown	0-8	.49	.49	5	5	56	150	4.0
	8-37	.49	.49					
	37-60	.49	.49					

UnB3:								
Uniontown	0-8	.43	.43	4	5	56	150	4.0
	8-37	.49	.49					
	37-60	.49	.49					
UnC3:								
Uniontown	0-8	.43	.43	4	5	56	100	9.0
	8-37	.49	.49					
	37-60	.49	.49					
Vn:								
Vincennes	0-10	.28	.28	5	6	48	300	1.0
	10-43	.24	.24					
	43-60	.24	.24					
W:								
Water	---	---	---	-	---	---	---	---
Wa:								
Wakeland	0-8	.43	.43	5	5	56	300	1.0
	8-60	.55	.55					
WbA:								
Weinbach	0-12	.55	.55	4	5	56	300	1.0
	12-20	.55	.55					
	20-45	.49	.49					
	45-60	.43	.43					
WeD3:								
Wellston	0-8	.49	.49	3	6	48	75	15.0
	8-30	.55	.55					
	30-60	.32	.49					
WeE:								
Wellston	0-12	.49	.49	4	6	48	75	21.0
	12-34	.55	.55					
	34-60	.32	.49					
WeF:								
Wellston	0-12	.49	.49	4	6	48	50	30.0
	12-34	.49	.49					
	34-48	.55	.55					
	48-60	.32	.49					
WhA:								
Wheeling	0-10	.43	.43	5	5	48	200	1.0
	10-56	.43	.43					
	56-65	.24	.32					
WhB:								
Wheeling	0-10	.43	.43	5	5	56	150	4.0
	10-56	.43	.43					
	56-65	.24	.32					
WhC2:								
Wheeling	0-10	.43	.43	5	5	56	125	9.0
	10-56	.43	.43					
	56-65	.24	.32					
Wm:								
Wheeling variant	0-11	.49	.49	5	5	56	300	1.0
	11-17	.37	.37					
	17-40	.28	.28					
	40-60	.32	.32					
Wz:								
Woodmere	0-8	.43	.43	5	6	48	300	1.0
	8-23	.37	.37					
	23-80	.37	.37					
Zp:								
Zipp	0-8	.24	.24	5	4	86	300	1.0
	8-48	.32	.32					
	48-60	.32	.32					
Zu:								
Zipp variant	0-10	.24	.24	5	3	86	300	1.0
	10-13	.37	.37					
	13-43	.32	.32					
	43-60	.37	.37					