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
Br:								
Brookston	0-18	.28	.28	5	6	48	150	0.5
	18-36	.37	.37					
	36-50	.32	.37					
	50-60	.32	.37					
Bs:								
Brookston	0-17	.24	.24	5	7	38	200	0.5
	17-50	.37	.37					
	50-60	.32	.37					
CrA:								
Crosby	0-17	.43	.43	4	5	56	150	2.0
	17-33	.32	.32					
	33-60	.32	.37					
CsB2:								
Crosby	0-17	.43	.43	4	5	56	200	4.0
	17-33	.32	.32					
	33-60	.32	.37					
Miami	0-8	.43	.43	4	5	56	200	4.0
	8-31	.28	.32					
	31-36	.32	.37					
	36-60	.32	.37					
FcA:								
Fincastle	0-9	.49	.49	4	5	56	175	1.0
	9-29	.43	.43					
	29-42	.32	.37					
	42-52	.32	.37					
	52-60	.32	.37					
FoA:								
Fox	0-14	.24	.28	4	5	56	175	1.0
	14-29	.20	.28					
	29-31	.05	.15					
	31-60	.02	.10					
FoB2:								
Fox	0-14	.24	.28	4	5	56	100	4.0
	14-29	.20	.28					
	29-31	.05	.15					
	31-60	.02	.10					
FoC2:								
Fox	0-14	.24	.28	4	5	56	80	8.0
	14-29	.20	.28					
	29-31	.05	.15					
	31-60	.02	.10					
FxC3:								
Fox	0-6	.20	.24	3	6	48	80	8.0
	6-21	.15	.28					
	21-23	.15	.28					
	23-60	.02	.10					
Gn:								
Genesee	0-11	.43	.43	5	6	48	250	0.5
	11-32	.43	.43					
	32-60	.43	.43					
Gs:								
Genesee variant	0-7	.24	.24	4	3	86	175	0.5
	7-25	.28	.28					
	25-60	.17	.17					
HeF:								
Hennepin	0-4	.37	.37	3	6	48	50	30.0
	4-14	.37	.43					
	14-60	.32	.37					
Mc:								
Mahalasville variant	0-15	.28	.28	5	7	38	250	0.5
	15-52	.32	.32					
	52-60	.49	.49					
MeA:								
Martinsville	0-13	.37	.37	5	5	56	150	1.0
	13-35	.28	.28					
	35-53	.24	.28					

	53-60	.24	.32					
MeB2:								
Martinsville	0-8	.37	.37	5	5	56	130	4.0
	8-21	.28	.28					
	21-41	.28	.28					
	41-60	.32	.32					
MmB2:								
Miami	0-8	.43	.43	4	5	56	100	5.0
	8-31	.28	.32					
	31-36	.32	.37					
	36-60	.32	.37					
MmC2:								
Miami	0-8	.43	.43	4	5	56	80	8.0
	8-31	.28	.32					
	31-36	.32	.37					
	36-60	.32	.37					
MmD2:								
Miami	0-8	.43	.43	4	5	56	75	14.0
	8-31	.28	.32					
	31-36	.32	.37					
	36-60	.32	.37					
MmE2:								
Miami	0-8	.43	.43	4	5	56	60	20.0
	8-31	.28	.32					
	31-36	.32	.37					
	36-60	.32	.37					
MsB3:								
Miami	0-6	.32	.32	3	6	48	100	5.0
	6-25	.28	.32					
	25-30	.32	.37					
	30-60	.32	.37					
MsC3:								
Miami	0-6	.32	.32	3	6	48	80	8.0
	6-25	.28	.32					
	25-30	.32	.37					
	30-60	.32	.37					
MsD3:								
Miami	0-6	.32	.32	3	6	48	75	14.0
	6-25	.28	.32					
	25-30	.32	.37					
	30-60	.32	.37					
OcA:								
Ockley	0-10	.43	.43	4	5	56	250	1.0
	10-15	.43	.43					
	15-18	.32	.37					
	18-37	.32	.37					
	37-49	.10	.20					
	49-80	.02	.10					
OcB2:								
Ockley	0-14	.43	.43	4	5	56	130	4.0
	14-34	.24	.28					
	34-48	.10	.20					
	48-60	.02	.10					
OsA:								
Ockley	0-8	.43	.43	5	5	56	175	1.0
	8-15	.24	.28					
	15-34	.10	.20					
	34-48	.10	.20					
	48-53	.10	.20					
	53-60	.32	.37					
OsB2:								
Ockley	0-8	.43	.43	5	5	56	130	4.0
	8-15	.24	.28					
	15-34	.10	.20					
	34-48	.10	.20					
	48-53	.10	.20					
	53-60	.32	.37					
Ra:								
Ragsdale	0-13	.32	.32	5	7	38	250	0.5
	13-42	.37	.37					
	42-60	.55	.55					
Rn:								
Rensselaer	0-16	.20	.20	5	7	38	250	0.5
	16-38	.24	.24					
	38-47	.24	.24					
	47-60	.20	.20					
RuB2:								
Russell	0-8	.49	.49	4	5	56	130	4.0
	8-13	.43	.43					
	13-28	.32	.37					

	28-52	.32	.37					
	52-58	.32	.37					
	58-80	.32	.37					
RuC2:								
Russell	0-10	.49	.49	4	5	56	100	8.0
	10-25	.43	.43					
	25-59	.32	.37					
	59-65	.32	.37					
Sh:								
Shoals	0-14	.37	.37	5	6	48	150	0.5
	14-34	.37	.37					
	34-60	.37	.37					
Wh:								
Whitaker	0-12	.37	.37	5	5	56	200	1.0
	12-48	.32	.32					
	48-60	.32	.32					
XeA:								
Xenia	0-12	.49	.49	4	5	56	175	1.0
	12-30	.43	.43					
	30-42	.32	.37					
	42-60	.32	.37					
XeB2:								
Xenia	0-8	.49	.49	4	5	56	150	4.0
	8-30	.43	.43					
	30-50	.32	.37					
	50-58	.32	.37					
	58-80	.32	.37					