

(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 In	Sand Pct	Silt Pct	Clay Pct	Moist bulk density g/cc	Permea- bility (Ksat) In/hr	Available water capacity In/in	Linear extensi- bility Pct	Organic matter Pct	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
AdA: Aldino-----	0-8 8-33 33-60 60-64	--- --- --- ---	--- --- --- ---	10-30 18-35 10-25 ---	1.10-1.30 1.20-1.50 1.40-1.60 ---	0.6-2 0.6-2 0.6-2 0.0015-0.06	0.18-0.24 0.18-0.24 0.16-0.20 ---	0.0-2.9 3.0-5.9 0.0-2.9 ---	1.0-6.0 1.0-2.0 0.0-0.5 0.0-0.5	.24 .28 .32 ---	.24 .28 .32 ---	3 	---	48
AdB2: Aldino-----	0-10 10-22 22-36 36-60	--- --- --- ---	--- --- --- ---	8-18 18-32 18-32 15-27	1.20-1.40 1.30-1.50 1.40-1.70 1.30-1.50	0.6-6 0.6-2 0.06-0.2 0.6-2	0.16-0.27 0.12-0.24 0.06-0.10 0.10-0.14	0.0-2.9 3.0-5.9 0.0-2.9 0.0-2.9	1.0-3.0 --- --- ---	.43 .43 .43 .43	.43 .43 .43 .43	3 	---	56
Am: Aldino-----	0-10 10-22 22-36 36-60	--- --- --- ---	--- --- --- ---	8-18 18-32 18-32 15-27	1.20-1.40 1.30-1.50 1.40-1.70 1.30-1.50	0.6-6 0.6-2 0.06-0.2 0.6-2	0.16-0.27 0.12-0.24 0.06-0.10 0.10-0.14	0.0-2.9 3.0-5.9 0.0-2.9 0.0-2.9	1.0-3.0 --- --- ---	.43 .43 .43 .43	.43 .43 .43 .43	3 	---	56
Keyport-----	0-10 10-60 60-72	--- --- ---	--- --- ---	10-25 30-50 5-50	1.20-1.60 1.35-1.60 1.35-1.75	0.2-2 0.0015-0.2 0.06-0.20	0.16-0.22 0.14-0.20 0.07-0.20	0.0-2.9 3.0-5.9 0.0-2.9	1.0-3.0 0.0-0.5 0.0-0.5	.43 .32 .28	.43 .32 .28	3 	5	56
Mattapex-----	0-8 8-28 28-48	--- --- ---	--- --- ---	10-18 18-30 8-15	1.10-1.45 1.25-1.45 1.45-1.65	0.6-2 0.2-2 0.6-6	0.20-0.28 0.18-0.22 0.14-0.18	0.0-2.9 0.0-2.9 0.0-2.9	0.5-3.0 0.0-0.5 0.0-0.5	.43 .43 .28	.43 .43 .28	4 	5	56
Urban Land-----	0-6	---	---	---	---	---	---	---	---	---	---	---	---	---
Ba: Bayboro-----	0-14 14-64	--- ---	--- ---	10-35 35-60	1.30-1.50 1.20-1.40	0.6-2 0.06-0.2	0.15-0.20 0.14-0.18	0.0-2.9 3.0-5.9	4.0-10 ---	.17 .32	.17 .32	5	6	48
BuA: Butlertown-----	0-12 12-64 64-72	--- --- ---	--- --- ---	5-15 18-30 2-20	1.00-1.45 1.40-1.65 1.65-1.85	0.6-2 0.2-2 0.6-6	0.20-0.28 0.18-0.24 0.08-0.18	0.0-2.9 0.0-2.9 0.0-2.9	1.0-2.0 0.0-0.5 0.0-0.5	.49 .43 .28	.49 .43 .28	3	5	56
BuB2: Butlertown-----	0-16 16-34 34-49 49-60	--- --- --- ---	--- --- --- ---	11-16 18-25 18-25 5-18	1.35-1.55 1.35-1.55 1.60-1.80 1.50-1.70	0.6-2 0.6-2 0.06-0.2 0.6-2	0.18-0.21 0.16-0.22 0.10-0.14 0.12-0.21	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0 --- --- ---	.43 .43 .43 .43	.43 .43 .43 .43	3	---	56

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
BuC2: Butlertown-----	0-16	---	---	11-16	1.35-1.55	0.6-2	0.18-0.21	0.0-2.9	1.0-4.0	.43	.43	3	---	56
	16-34	---	---	18-25	1.35-1.55	0.6-2	0.16-0.22	0.0-2.9	---	.43	.43			
	34-49	---	---	18-25	1.60-1.80	0.06-0.2	0.10-0.14	0.0-2.9	---	.43	.43			
	49-60	---	---	5-18	1.50-1.70	0.6-2	0.12-0.21	0.0-2.9	---	.43	.43			
ChA: Chester-----	0-15	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	15-36	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	36-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChB2: Chester-----	0-15	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	15-36	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	36-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChC2: Chester-----	0-15	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	15-36	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	36-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChC3: Chester-----	0-15	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	15-36	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	36-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChD2: Chester-----	0-15	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	15-36	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	36-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
ChD3: Chester-----	0-15	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	15-36	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	36-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
Co: Codorus-----	0-18	---	---	15-25	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.49	.37	4	---	56
	18-54	---	---	18-35	1.20-1.50	0.6-2	0.14-0.18	0.0-2.9	---	.37	.37			
	54-60	---	---	5-12	1.20-1.50	2-20	0.04-0.08	0.0-2.9	---	.24	.28			
CsB2: Collington-----	0-13	---	---	10-20	1.20-1.45	0.6-6	0.14-0.22	0.0-2.9	1.0-3.0	.28	.28	4	3	86
	13-32	---	---	15-35	1.30-1.65	0.2-2	0.12-0.16	3.0-5.9	---	.32	.32			
	32-60	---	---	5-15	1.55-1.70	0.6-20	0.05-0.15	0.0-2.9	---	.24	.24			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
CsC3: Collington-----	0-13	---	---	10-20	1.20-1.45	0.6-6	0.14-0.22	0.0-2.9	1.0-3.0	.28	.28	4	3	86
	13-32	---	---	15-35	1.30-1.65	0.2-2	0.12-0.16	3.0-5.9	---	.32	.32			
	32-60	---	---	5-15	1.55-1.70	0.6-20	0.05-0.15	0.0-2.9	---	.24	.24			
CsD3: Collington-----	0-13	---	---	10-20	1.20-1.45	0.6-6	0.14-0.22	0.0-2.9	1.0-3.0	.28	.28	4	3	86
	13-32	---	---	15-35	1.30-1.65	0.2-2	0.12-0.16	3.0-5.9	---	.32	.32			
	32-60	---	---	5-15	1.55-1.70	0.6-20	0.05-0.15	0.0-2.9	---	.24	.24			
Cu: Comus-----	0-30	---	---	5-18	1.20-1.40	0.6-2	0.13-0.21	0.0-2.9	1.0-3.0	.43	.43	3	---	56
	30-60	---	---	5-34	1.30-1.60	0.6-6	0.07-0.21	0.0-2.9	---	.28	.32			
DeA: Delanco-----	0-11	---	---	5-20	1.10-1.30	0.6-2	0.14-0.24	0.0-2.9	2.0-4.0	.37	.37	4	5	56
	11-36	---	---	18-30	1.40-1.60	0.2-0.6	0.18-0.22	3.0-5.9	---	.32	.32			
	36-50	---	---	5-25	1.50-1.70	0.6-2	0.10-0.22	0.0-2.9	---	.28	.32			
DeB2: Delanco-----	0-11	---	---	5-20	1.10-1.30	0.6-2	0.14-0.24	0.0-2.9	2.0-4.0	.37	.37	4	5	56
	11-36	---	---	18-30	1.40-1.60	0.2-0.6	0.18-0.22	3.0-5.9	---	.32	.32			
	36-50	---	---	5-25	1.50-1.70	0.6-2	0.10-0.22	0.0-2.9	---	.28	.32			
EaB2: Elioak-----	0-15	---	---	15-27	1.25-1.40	0.6-2	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	5	56
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-60	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			
EkC3: Elioak-----	0-15	---	---	28-42	1.30-1.50	0.2-2	0.08-0.12	3.0-5.9	1.0-3.0	.28	.28	5	6	48
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-60	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			
EkD3: Elioak-----	0-15	---	---	28-42	1.30-1.50	0.2-2	0.08-0.12	3.0-5.9	1.0-3.0	.28	.28	5	6	48
	15-42	---	---	30-60	1.30-1.60	0.2-2	0.08-0.12	0.0-2.9	0.0-0.5	.37	.37			
	42-60	---	---	15-27	1.25-1.40	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.55			
ElA: Elkton-----	0-10	---	---	11-20	1.25-1.55	0.6-2	0.10-0.15	0.0-2.9	1.0-4.0	.24	.24	4	3	86
	10-24	---	---	27-35	1.35-1.55	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.37	.37			
	24-48	---	---	27-45	1.35-1.55	0.0015-0.02	0.12-0.19	3.0-5.9	0.0-0.5	.32	.32			
	48-60	---	---	15-20	1.45-1.65	0.2-0.6	0.10-0.15	0.0-2.9	0.0-0.5	.32	.32			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
EmA: Elkton-----	0-10	---	---	11-25	1.20-1.50	0.6-2	0.18-0.24	0.0-2.9	1.0-4.0	.43	.43	4	5	56
	10-24	---	---	27-35	1.35-1.55	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.37	.37			
	24-48	---	---	27-45	1.35-1.55	0.0015-0.02	0.12-0.19	3.0-5.9	0.0-0.5	.32	.32			
	48-60	---	---	15-20	1.45-1.65	0.2-0.6	0.10-0.15	0.0-2.9	0.0-0.5	.32	.32			
EmB: Elkton-----	0-10	---	---	11-25	1.20-1.50	0.6-2	0.18-0.24	0.0-2.9	1.0-4.0	.43	.43	4	5	56
	10-24	---	---	27-35	1.35-1.55	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.37	.37			
	24-48	---	---	27-45	1.35-1.55	0.0015-0.02	0.12-0.19	3.0-5.9	0.0-0.5	.32	.32			
	48-60	---	---	15-20	1.45-1.65	0.2-0.6	0.10-0.15	0.0-2.9	0.0-0.5	.32	.32			
EnB2: Elsinboro-----	0-15	---	---	8-18	1.25-1.40	0.6-2	0.10-0.18	0.0-2.9	1.0-3.0	.37	.37	4	5	56
	15-36	---	---	18-34	1.30-1.50	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	36-60	---	---	8-34	1.35-1.55	0.6-6	0.06-0.14	0.0-2.9	0.0-0.5	.17	.20			
EnC2: Elsinboro-----	0-15	---	---	8-18	1.25-1.40	0.6-2	0.10-0.18	0.0-2.9	1.0-3.0	.37	.37	4	5	56
	15-36	---	---	18-34	1.30-1.50	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	36-60	---	---	8-34	1.35-1.55	0.6-6	0.06-0.14	0.0-2.9	0.0-0.5	.17	.20			
EuB: Delanco-----	0-11	---	---	5-20	1.10-1.30	0.6-2	0.14-0.24	0.0-2.9	2.0-4.0	.37	.37	4	5	56
	11-36	---	---	18-30	1.40-1.60	0.2-0.6	0.18-0.22	3.0-5.9	---	.32	.32			
	36-50	---	---	5-25	1.50-1.70	0.6-2	0.10-0.22	0.0-2.9	---	.28	.32			
Elsinboro-----	0-15	---	---	8-18	1.25-1.40	0.6-2	0.10-0.18	0.0-2.9	1.0-3.0	.37	.37	4	5	56
	15-36	---	---	18-34	1.30-1.50	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.28	.28			
	36-60	---	---	8-34	1.35-1.55	0.6-6	0.06-0.14	0.0-2.9	0.0-0.5	.17	.20			
Urban Land-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fa: Fallsington-----	0-11	---	---	5-18	1.00-1.45	0.6-6	0.15-0.20	0.0-2.9	0.5-2.0	.24	.24	4	3	86
	11-27	---	---	18-30	1.50-1.80	0.2-2	0.15-0.18	0.0-2.9	0.0-0.5	.28	.28			
	27-60	---	---	2-30	1.50-1.85	0.6-20	0.06-0.20	0.0-2.9	0.0-0.5	.20	.20			
Fs: Fallsington-----	0-11	---	---	5-18	1.00-1.45	0.6-2	0.18-0.24	0.0-2.9	0.5-2.0	.32	.32	4	5	56
	11-27	---	---	18-30	1.50-1.80	0.2-2	0.15-0.18	0.0-2.9	0.0-0.5	.28	.28			
	27-60	---	---	2-30	1.50-1.85	0.6-20	0.06-0.20	0.0-2.9	0.0-0.5	.20	.20			
GmB2: Glenelg-----	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-60	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Manor-----	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GmC2: Glenelg-----	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-60	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
Manor-----	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GmC3: Glenelg-----	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-60	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
Manor-----	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GmD2: Manor-----	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
Glenelg-----	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-60	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GmD3: Manor-----	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
Glenelg-----	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-60	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GmE: Manor-----	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
Glenelg-----	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-60	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
GnA: Glenville-----	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	3	---	56
	9-18	---	---	20-35	1.40-1.60	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.24	.28			
	18-40	---	---	20-35	1.60-1.80	0.06-0.6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	40-62	---	---	5-25	1.40-1.60	0.2-0.6	0.06-0.12	0.0-2.9	0.0-0.5	.24	.32			
GnB2: Glenville-----	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	3	---	56
	9-18	---	---	20-35	1.40-1.60	0.6-2	0.12-0.16	0.0-2.9	0.0-0.5	.24	.28			
	18-40	---	---	20-35	1.60-1.80	0.06-0.6	0.08-0.12	0.0-2.9	0.0-0.5	.24	.28			
	40-62	---	---	5-25	1.40-1.60	0.2-0.6	0.06-0.12	0.0-2.9	0.0-0.5	.24	.32			
Gp: Gravel Pits And Quarries-----	0-6	---	---	0-1	---	6-20	0.01-0.02	0.0-2.9	0.0-0.1	.02	---	--	8	0
	6-60	---	---	0-1	---	6-20	0.01-0.02	0.0-2.9	---	.02	---			
Ha: Hatboro-----	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.22	0.0-2.9	1.0-4.0	.49	.37	4	---	56
	9-44	---	---	15-35	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	---	.32	.20			
	44-56	---	---	10-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	---	.20	.20			
	56-70	---	---	5-45	1.10-1.60	2-6	0.04-0.08	0.0-2.9	---	.20	---			
HbA: Hatboro-----	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.22	0.0-2.9	1.0-4.0	.49	.37	4	---	56
	9-44	---	---	15-35	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	---	.32	.20			
	44-56	---	---	10-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	---	.20	.20			
	56-70	---	---	5-45	1.10-1.60	2-6	0.04-0.08	0.0-2.9	---	.20	---			
HbC: Hatboro-----	0-9	---	---	10-20	1.20-1.40	0.6-2	0.16-0.22	0.0-2.9	1.0-4.0	.49	.37	4	---	56
	9-44	---	---	15-35	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	---	.32	.20			
	44-56	---	---	10-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	---	.20	.20			
	56-70	---	---	5-45	1.10-1.60	2-6	0.04-0.08	0.0-2.9	---	.20	---			
Jo: Johnston-----	0-30	---	---	5-18	1.30-1.55	2-6	0.10-0.20	0.0-2.9	3.0-8.0	.20	.20	5	5	56
	30-34	---	---	2-12	1.55-1.65	6-20	0.02-0.07	0.0-2.9	---	.17	.17			
	34-60	---	---	5-20	1.45-1.65	6-20	0.06-0.12	0.0-2.9	---	.17	.17			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
KeA:														
Keypport-----	0-10	---	---	10-25	1.20-1.60	0.2-2	0.16-0.22	0.0-2.9	1.0-3.0	.43	.43	3	5	56
	10-60	---	---	30-50	1.35-1.60	0.0015-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.32	.32			
	60-72	---	---	5-50	1.35-1.75	0.06-20	0.07-0.20	0.0-2.9	0.0-0.5	.28	.28			
KeB2:														
Keypport-----	0-10	---	---	10-25	1.20-1.60	0.2-2	0.16-0.22	0.0-2.9	1.0-3.0	.43	.43	3	5	56
	10-60	---	---	30-50	1.35-1.60	0.0015-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.32	.32			
	60-72	---	---	5-50	1.35-1.75	0.06-20	0.07-0.20	0.0-2.9	0.0-0.5	.28	.28			
KeC2:														
Keypport-----	0-10	---	---	10-25	1.20-1.60	0.2-2	0.16-0.22	0.0-2.9	1.0-3.0	.43	.43	3	5	56
	10-60	---	---	30-50	1.35-1.60	0.0015-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.32	.32			
	60-72	---	---	5-50	1.35-1.75	0.06-20	0.07-0.20	0.0-2.9	0.0-0.5	.28	.28			
KpC3:														
Keypport-----	0-10	---	---	10-25	1.20-1.60	0.2-2	0.16-0.22	0.0-2.9	1.0-3.0	.43	.43	3	5	56
	10-60	---	---	30-50	1.35-1.60	0.0015-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.32	.32			
	60-72	---	---	5-50	1.35-1.75	0.06-20	0.07-0.20	0.0-2.9	0.0-0.5	.28	.28			
KrA:														
Kinkora-----	0-12	---	---	15-27	1.25-1.55	0.2-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	---	56
	12-30	---	---	35-55	1.20-1.50	0.06-0.2	0.15-0.21	6.0-8.9	---	.28	.28			
	30-36	---	---	20-40	1.25-1.50	0.6-2	0.14-0.20	0.0-2.9	---	.28	.28			
	36-60	---	---	---	---	---	---	---	---	---	---			
KrB:														
Kinkora-----	0-12	---	---	15-27	1.25-1.55	0.2-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	---	56
	12-30	---	---	35-55	1.20-1.50	0.06-0.2	0.15-0.21	6.0-8.9	---	.28	.28			
	30-36	---	---	20-40	1.25-1.50	0.6-2	0.14-0.20	0.0-2.9	---	.28	.28			
	36-60	---	---	---	---	---	---	---	---	---	---			
Ma:														
Made Land And Urban Land-----	0-6	---	---	---	---	---	---	---	---	---	---	---	---	---
McB:														
Glenelg-----	0-6	---	---	15-25	1.10-1.40	0.6-2	0.14-0.24	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	6-24	---	---	20-32	1.20-1.60	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.43	.49			
	24-60	---	---	5-20	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
Manor-----	0-10	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	---	48
	10-20	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	20-72	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
Chester-----	0-15	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	56
	15-36	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43			
	36-62	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49			
Urban Land-----	0-6	---	---	---	---	---	---	---	---	---	---	---	---	---
MeA: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
Mattapex-----	0-15	---	---	10-18	1.10-1.45	0.6-2	0.20-0.28	0.0-2.9	0.5-3.0	.43	.43	4	5	56
	15-48	---	---	18-30	1.25-1.45	0.2-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
	48-54	---	---	8-15	1.45-1.65	0.6-6	0.14-0.18	0.0-2.9	0.0-0.5	.28	.28			
	54-72	---	---	3-8	1.50-1.80	6-20	0.05-0.08	0.0-2.9	0.0-0.5	.17	.17			
MeB2: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
MeC2: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
MeC3: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
MeD2: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
MeD3: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
MkA: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
MkB2: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
MkC2: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
MsB: Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
Sassafras-----	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
Urban Land-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MtA: Mattapex-----	0-15	---	---	10-18	1.10-1.45	0.6-2	0.20-0.28	0.0-2.9	0.5-3.0	.43	.43	4	5	56
	15-48	---	---	18-30	1.25-1.45	0.2-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
	48-54	---	---	8-15	1.45-1.65	0.6-6	0.14-0.18	0.0-2.9	0.0-0.5	.28	.28			
	54-72	---	---	3-8	1.50-1.80	6-20	0.05-0.08	0.0-2.9	0.0-0.5	.17	.17			
MtB2: Mattapex-----	0-15	---	---	10-18	1.10-1.45	0.6-2	0.20-0.28	0.0-2.9	0.5-3.0	.43	.43	4	5	56
	15-48	---	---	18-30	1.25-1.45	0.2-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
	48-54	---	---	8-15	1.45-1.65	0.6-6	0.14-0.18	0.0-2.9	0.0-0.5	.28	.28			
	54-72	---	---	3-8	1.50-1.80	6-20	0.05-0.08	0.0-2.9	0.0-0.5	.17	.17			
MtC2: Mattapex-----	0-15	---	---	10-18	1.10-1.45	0.6-2	0.20-0.28	0.0-2.9	0.5-3.0	.43	.43	4	5	56
	15-48	---	---	18-30	1.25-1.45	0.2-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
	48-54	---	---	8-15	1.45-1.65	0.6-6	0.14-0.18	0.0-2.9	0.0-0.5	.28	.28			
	54-72	---	---	3-8	1.50-1.80	6-20	0.05-0.08	0.0-2.9	0.0-0.5	.17	.17			
MtC3: Mattapex-----	0-15	---	---	10-18	1.10-1.45	0.6-2	0.20-0.28	0.0-2.9	0.5-3.0	.43	.43	4	5	56
	15-48	---	---	18-30	1.25-1.45	0.2-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
	48-54	---	---	8-15	1.45-1.65	0.6-6	0.14-0.18	0.0-2.9	0.0-0.5	.28	.28			
	54-72	---	---	3-8	1.50-1.80	6-20	0.05-0.08	0.0-2.9	0.0-0.5	.17	.17			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Mv: Mixed Alluvial Land-	0-3 3-60	---	---	7-15 3-10	---	0.6-2 2-6	0.13-0.14 0.07-0.09	0.0-2.9 0.0-2.9	0.0-0.1 ---	---	---	--	---	56
NmA: Neshaminy-----	0-11 11-54 54-58	---	---	10-25 20-40 ---	1.20-1.40 1.40-1.60 ---	0.6-2 0.2-0.6 0.2-2	0.16-0.20 0.10-0.14 ---	0.0-2.9 0.0-2.9 ---	2.0-4.0 0.0-0.5 ---	.32 .17 ---	.32 .20 ---	4	---	56
Montalto-----	0-11 11-45 45-62	---	---	18-35 30-55 20-40	1.40-1.70 1.60-1.90 1.60-1.80	0.6-6 0.2-0.6 0.6-2	0.12-0.16 0.14-0.16 0.14-0.21	0.0-2.9 6.0-8.9 3.0-5.9	1.0-3.0 0.0-0.5 0.0-0.5	.32 .28 .28	.32 .28 .28	5	---	48
NmB2: Neshaminy-----	0-11 11-54 54-58	---	---	10-25 20-40 ---	1.20-1.40 1.40-1.60 ---	0.6-2 0.2-0.6 0.2-2	0.16-0.20 0.10-0.14 ---	0.0-2.9 0.0-2.9 ---	2.0-4.0 0.0-0.5 ---	.32 .17 ---	.32 .20 ---	4	---	56
Montalto-----	0-11 11-45 45-62	---	---	18-35 30-55 20-40	1.40-1.70 1.60-1.90 1.60-1.80	0.6-6 0.2-0.6 0.6-2	0.12-0.16 0.14-0.16 0.14-0.21	0.0-2.9 6.0-8.9 3.0-5.9	1.0-3.0 0.0-0.5 0.0-0.5	.32 .28 .28	.32 .28 .28	5	---	48
NmC2: Neshaminy-----	0-11 11-54 54-58	---	---	10-25 20-40 ---	1.20-1.40 1.40-1.60 ---	0.6-2 0.2-0.6 0.2-2	0.16-0.20 0.10-0.14 ---	0.0-2.9 0.0-2.9 ---	2.0-4.0 0.0-0.5 ---	.32 .17 ---	.32 .20 ---	4	---	56
Montalto-----	0-11 11-45 45-62	---	---	18-35 30-55 20-40	1.40-1.70 1.60-1.90 1.60-1.80	0.6-6 0.2-0.6 0.6-2	0.12-0.16 0.14-0.16 0.14-0.21	0.0-2.9 6.0-8.9 3.0-5.9	1.0-3.0 0.0-0.5 0.0-0.5	.32 .28 .28	.32 .28 .28	5	---	48
NnC3: Neshaminy-----	0-11 11-54 54-58	---	---	28-40 20-40 ---	1.20-1.40 1.40-1.60 ---	0.6-2 0.2-0.6 0.2-2	0.12-0.16 0.10-0.14 ---	0.0-2.9 0.0-2.9 ---	2.0-4.0 0.0-0.5 ---	.28 .17 ---	.28 .20 ---	3	---	38
Montalto-----	0-11 11-45 45-62	---	---	18-35 30-55 20-40	1.40-1.70 1.60-1.90 1.60-1.80	0.6-6 0.2-0.6 0.6-2	0.12-0.16 0.14-0.16 0.14-0.21	0.0-2.9 6.0-8.9 3.0-5.9	1.0-3.0 0.0-0.5 0.0-0.5	.32 .28 .28	.32 .28 .28	5	---	48
NnD3: Neshaminy-----	0-11 11-54 54-58	---	---	28-40 20-40 ---	1.20-1.40 1.40-1.60 ---	0.6-2 0.2-0.6 0.2-2	0.12-0.16 0.10-0.14 ---	0.0-2.9 0.0-2.9 ---	2.0-4.0 0.0-0.5 ---	.28 .17 ---	.28 .20 ---	3	---	38

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
Montalto-----	0-11	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	---	48
	11-45	---	---	30-55	1.60-1.90	0.2-0.6	0.14-0.16	6.0-8.9	0.0-0.5	.28	.28			
	45-62	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	0.0-0.5	.28	.28			
NsE:														
Neshaminy-----	0-11	---	---	10-25	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	2.0-4.0	.28	.32	4	---	48
	11-54	---	---	20-40	1.40-1.60	0.2-0.6	0.10-0.14	0.0-2.9	0.0-0.5	.17	.20			
	54-58	---	---	---	---	0.2-2	---	---	---	---	---			
Talleyville-----	0-10	---	---	10-24	1.20-1.50	0.6-2	0.18-0.27	0.0-2.9	1.0-4.0	.32	.32	4	---	56
	10-44	---	---	16-36	1.45-1.65	0.2-0.6	0.18-0.24	0.0-2.9	---	.43	.43			
	44-51	---	---	15-40	1.50-1.75	0.2-0.6	0.18-0.24	3.0-5.9	---	.43	.43			
	51-64	---	---	40-55	1.60-1.90	0.2-0.6	0.18-0.24	6.0-8.9	---	.32	.32			
	64-72	---	---	20-45	1.50-1.80	0.2-0.6	0.18-0.24	6.0-8.9	---	.37	.37			
NtB:														
Neshaminy-----	0-11	---	---	10-25	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	4	---	56
	11-54	---	---	20-40	1.40-1.60	0.2-0.6	0.10-0.14	0.0-2.9	0.0-0.5	.17	.20			
	54-58	---	---	---	---	0.2-2	---	---	---	---	---			
Talleyville-----	0-10	---	---	10-24	1.20-1.50	0.6-2	0.18-0.27	0.0-2.9	1.0-4.0	.32	.32	4	---	56
	10-44	---	---	16-36	1.45-1.65	0.2-0.6	0.18-0.24	0.0-2.9	---	.43	.43			
	44-51	---	---	15-40	1.50-1.75	0.2-0.6	0.18-0.24	3.0-5.9	---	.43	.43			
	51-64	---	---	40-55	1.60-1.90	0.2-0.6	0.18-0.24	6.0-8.9	---	.32	.32			
	64-72	---	---	20-45	1.50-1.80	0.2-0.6	0.18-0.24	6.0-8.9	---	.37	.37			
Urban Land-----	---	---	---	---	---	---	---	---	---	---	---	---	---	
NtD:														
Neshaminy-----	0-11	---	---	10-25	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	2.0-4.0	.32	.32	4	---	56
	11-54	---	---	20-40	1.40-1.60	0.2-0.6	0.10-0.14	0.0-2.9	0.0-0.5	.17	.20			
	54-58	---	---	---	---	0.2-2	---	---	---	---	---			
Talleyville-----	0-10	---	---	10-24	1.20-1.50	0.6-2	0.18-0.27	0.0-2.9	1.0-4.0	.32	.32	4	---	56
	10-44	---	---	16-36	1.45-1.65	0.2-0.6	0.18-0.24	0.0-2.9	---	.43	.43			
	44-51	---	---	15-40	1.50-1.75	0.2-0.6	0.18-0.24	3.0-5.9	---	.43	.43			
	51-64	---	---	40-55	1.60-1.90	0.2-0.6	0.18-0.24	6.0-8.9	---	.32	.32			
	64-72	---	---	20-45	1.50-1.80	0.2-0.6	0.18-0.24	6.0-8.9	---	.37	.37			
Urban Land-----	---	---	---	---	---	---	---	---	---	---	---	---	---	
Ot:														
Othello-----	0-10	---	---	15-28	1.20-1.50	0.6-2	0.16-0.24	0.0-2.9	1.0-2.0	.37	.37	4	5	56
	10-30	---	---	18-30	1.40-1.70	0.2-0.6	0.12-0.24	0.0-2.9	0.0-0.5	.43	.43			
	30-52	---	---	12-27	1.65-1.80	0.2-2	0.10-0.16	0.0-2.9	0.0-0.5	.28	.28			
	52-72	---	---	4-10	1.65-1.80	2-6	0.06-0.10	0.0-2.9	0.0-0.5	.15	.15			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Ou: Urban Land-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fallsington-----	0-11	---	---	5-18	1.00-1.45	0.6-2	0.18-0.24	0.0-2.9	0.5-2.0	.32	.32	4	5	56
	11-27	---	---	18-30	1.50-1.80	0.2-2	0.15-0.18	0.0-2.9	0.0-0.5	.28	.28			
	27-60	---	---	2-30	1.50-1.85	0.6-20	0.06-0.20	0.0-2.9	0.0-0.5	.20	.20			
Othello-----	0-10	---	---	15-28	1.20-1.50	0.6-2	0.16-0.24	0.0-2.9	1.0-2.0	.37	.37	4	5	56
	10-30	---	---	18-30	1.40-1.70	0.2-0.6	0.12-0.24	0.0-2.9	0.0-0.5	.43	.43			
	30-52	---	---	12-27	1.65-1.80	0.2-2	0.10-0.16	0.0-2.9	0.0-0.5	.28	.28			
	52-72	---	---	4-10	1.65-1.80	2-6	0.06-0.10	0.0-2.9	0.0-0.5	.15	.15			
Po: Pocomoke-----	0-10	---	---	7-18	1.20-1.40	0.6-6	0.10-0.20	0.0-2.9	2.0-10	.20	.20	3	3	86
	10-28	---	---	5-18	1.50-1.65	0.6-2	0.10-0.15	0.0-2.9	---	.20	.20			
	28-40	---	---	5-10	1.55-1.70	2-6	0.06-0.10	0.0-2.9	---	.10	.10			
	40-60	---	---	5-30	1.45-1.75	0.6-6	0.06-0.18	0.0-2.9	---	.20	.20			
RuB2: Rumford-----	0-17	---	---	2-12	1.25-1.45	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.17	.17	4	2	134
	17-37	---	---	8-18	1.25-1.45	2-6	0.10-0.15	0.0-2.9	---	.17	.17			
	37-60	---	---	2-18	1.25-1.50	2-20	0.04-0.10	0.0-2.9	---	.17	.20			
RuC2: Rumford-----	0-17	---	---	2-12	1.25-1.45	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.17	.17	4	2	134
	17-37	---	---	8-18	1.25-1.45	2-6	0.10-0.15	0.0-2.9	---	.17	.17			
	37-60	---	---	2-18	1.25-1.50	2-20	0.04-0.10	0.0-2.9	---	.17	.20			
SaA: Sassafras-----	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
SaB2: Sassafras-----	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
SaC2: Sassafras-----	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
SaC3: Sassafras-----	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
SaD2: Sassafras-----	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
SaD3: Sassafras-----	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
SmE: Sassafras-----	0-9	---	---	3-12	1.00-1.45	0.6-6	0.10-0.16	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	9-40	---	---	18-27	1.40-1.65	0.2-2	0.11-0.22	0.0-2.9	0.0-0.5	.37	.37			
	40-70	---	---	3-16	1.40-1.70	0.6-20	0.04-0.12	0.0-2.9	0.0-0.5	.17	.20			
Matapeake-----	0-16	---	---	5-15	1.00-1.45	0.6-2	0.20-0.28	0.0-2.9	1.0-2.0	.49	.49	4	5	56
	16-34	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	---	.43	.43			
	34-62	---	---	2-70	1.65-1.85	0.6-6	0.08-0.18	0.0-2.9	---	.28	.28			
StB: Silty And Clayey Land-----	0-7	---	---	28-75	1.20-1.50	0.06-0.6	0.14-0.20	3.0-5.9	0.5-2.0	.28	.28	5	---	86
	7-72	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28			
StC: Silty And Clayey Land-----	0-7	---	---	28-75	1.20-1.50	0.06-0.6	0.14-0.20	3.0-5.9	0.5-2.0	.28	.28	5	---	86
	7-72	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28			
StE: Silty And Clayey Land-----	0-7	---	---	28-75	1.20-1.50	0.06-0.6	0.14-0.20	3.0-5.9	0.5-2.0	.28	.28	5	---	86
	7-72	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28			
TaB2: Talleyville-----	0-10	---	---	10-24	1.20-1.50	0.6-2	0.18-0.27	0.0-2.9	1.0-4.0	.32	.32	4	---	56
	10-44	---	---	16-36	1.45-1.65	0.2-0.6	0.18-0.24	0.0-2.9	---	.43	.43			
	44-51	---	---	15-40	1.50-1.75	0.2-0.6	0.18-0.24	3.0-5.9	---	.43	.43			
	51-64	---	---	40-55	1.60-1.90	0.2-0.6	0.18-0.24	6.0-8.9	---	.32	.32			
	64-72	---	---	20-45	1.50-1.80	0.2-0.6	0.18-0.24	6.0-8.9	---	.37	.37			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
TaC2: Talleyville-----	0-10	---	---	10-24	1.20-1.50	0.6-2	0.18-0.27	0.0-2.9	1.0-4.0	.32	.32	4	---	56
	10-44	---	---	16-36	1.45-1.65	0.2-0.6	0.18-0.24	0.0-2.9	---	.43	.43			
	44-51	---	---	15-40	1.50-1.75	0.2-0.6	0.18-0.24	3.0-5.9	---	.43	.43			
	51-64	---	---	40-55	1.60-1.90	0.2-0.6	0.18-0.24	6.0-8.9	---	.32	.32			
	64-72	---	---	20-45	1.50-1.80	0.2-0.6	0.18-0.24	6.0-8.9	---	.37	.37			
Tm: Tidal Marsh-----	0-14	---	---	---	0.15-0.45	0.6-20	0.38-0.48	0.0-2.9	20-35	---	---	2	2	134
	14-72	---	---	5-10	1.20-1.50	0.6-2	0.16-0.24	0.0-2.9	3.0-5.0	.43	.43			
Wa: Watchung-----	0-9	---	---	15-40	1.20-1.40	0.2-2	0.14-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	48
	9-51	---	---	40-65	1.20-1.50	0.0015-0.2	0.10-0.21	3.0-5.9	0.0-0.5	.37	.37			
	51-66	---	---	15-40	1.20-1.50	0.2-2	0.12-0.21	3.0-5.9	0.0-0.5	.37	.37			
WcA: Watchung-----	0-9	---	---	15-40	1.20-1.40	0.2-2	0.14-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	48
	9-51	---	---	40-65	1.20-1.50	0.0015-0.2	0.10-0.21	3.0-5.9	0.0-0.5	.37	.37			
	51-66	---	---	15-40	1.20-1.50	0.2-2	0.12-0.21	3.0-5.9	0.0-0.5	.37	.37			
Calvert-----	0-9	---	---	15-40	1.20-1.40	0.2-2	0.14-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	48
	9-51	---	---	40-65	1.20-1.50	0.0015-0.2	0.10-0.21	3.0-5.9	0.0-0.5	.37	.37			
	51-66	---	---	15-40	1.20-1.50	0.2-2	0.12-0.21	3.0-5.9	0.0-0.5	.37	.37			
WcB: Watchung-----	0-9	---	---	15-40	1.20-1.40	0.2-2	0.14-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	48
	9-51	---	---	40-65	1.20-1.50	0.0015-0.2	0.10-0.21	3.0-5.9	0.0-0.5	.37	.37			
	51-66	---	---	15-40	1.20-1.50	0.2-2	0.12-0.21	3.0-5.9	0.0-0.5	.37	.37			
Calvert-----	0-9	---	---	15-40	1.20-1.40	0.2-2	0.14-0.21	0.0-2.9	1.0-3.0	.43	.43	5	---	48
	9-51	---	---	40-65	1.20-1.50	0.0015-0.2	0.10-0.21	3.0-5.9	0.0-0.5	.37	.37			
	51-66	---	---	15-40	1.20-1.50	0.2-2	0.12-0.21	3.0-5.9	0.0-0.5	.37	.37			
WoA: Woodstown-----	0-11	---	---	5-18	1.00-1.40	0.6-6	0.08-0.16	0.0-2.9	1.0-2.0	.24	.24	4	3	86
	11-29	---	---	18-30	1.35-1.70	0.2-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			
	29-60	---	---	5-20	1.35-1.65	0.6-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			
WoB2: Woodstown-----	0-11	---	---	5-18	1.00-1.40	0.6-6	0.08-0.16	0.0-2.9	1.0-2.0	.24	.24	4	3	86
	11-29	---	---	18-30	1.35-1.70	0.2-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			
	29-60	---	---	5-20	1.35-1.65	0.6-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			

Table J1b.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Permea- bility (Ksat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
WsA: Woodstown-----	0-11	---	---	5-18	1.00-1.40	0.6-2	0.10-0.21	0.0-2.9	1.0-2.0	.32	.32	4	5	56
	11-29	---	---	18-30	1.35-1.70	0.2-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			
	29-60	---	---	5-20	1.35-1.65	0.6-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			
WsB2: Woodstown-----	0-11	---	---	5-18	1.00-1.40	0.6-2	0.10-0.21	0.0-2.9	1.0-2.0	.32	.32	4	5	56
	11-29	---	---	18-30	1.35-1.70	0.2-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			
	29-60	---	---	5-20	1.35-1.65	0.6-6	0.06-0.16	0.0-2.9	0.0-0.5	.28	.28			

