

(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		
1UB: Baile-----	0-18	---	---	15-32	1.20-1.40	0.2-0.6	0.16-0.25	0.0-2.9	1.0-4.0	.43	.43	5	5	56
	18-35	---	---	10-35	1.30-1.60	0.06-0.2	0.12-0.24	3.0-5.9	0.0-0.5	.43	.43			
	35-65	---	---	10-25	1.30-1.60	0.06-0.6	0.10-0.24	0.0-2.9	0.0-0.5	.43	.43			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
2B: Beltsville-----	0-12	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	12-20	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	20-45	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	45-65	---	---	18-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
Keyport-----	0-4	---	---	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
	4-48	---	---	30-50	1.35-1.60	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.32	.32			
	48-65	---	---	5-50	1.35-1.75	0.06-20	0.07-0.20	0.0-2.9	0.0-0.5	.28	.28			
2UB: Beltsville-----	0-12	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	12-20	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	20-45	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	45-65	---	---	18-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
2UC: Beltsville-----	0-12	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	12-20	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	20-45	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	45-65	---	---	18-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
3UB: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Beltsville-----	0-12	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	12-20	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	20-45	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	45-65	---	---	18-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			

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		
Keyport-----	0-4	---	---	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
	4-48	---	---	30-50	1.35-1.60	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.32	.32			
	48-65	---	---	5-50	1.35-1.75	0.06-20	0.07-0.20	0.0-2.9	0.0-0.5	.28	.28			
4UB: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Beltsville-----	0-12	---	---	7-20	1.20-1.40	0.6-2	0.18-0.21	0.0-2.9	1.0-3.0	.43	.43	4	5	56
	12-20	---	---	20-30	1.30-1.50	0.6-2	0.18-0.21	0.0-2.9	0.0-0.5	.43	.43			
	20-45	---	---	20-30	1.60-1.90	0.06-0.2	0.05-0.10	0.0-2.9	0.0-0.5	.32	.32			
	45-65	---	---	18-35	1.30-1.50	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
5E: Brandywine-----	0-6	---	---	7-18	1.20-1.40	2-6	0.14-0.16	0.0-2.9	1.0-3.0	.24	.24	5	5	56
6-19	---	---	7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	0.0-0.5	.20	.24				
19-25	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24				
25-65	---	---	2-7	1.30-1.50	2-20	0.04-0.08	0.0-2.9	0.0-0.5	.15	.24				
6B: Chester-----	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	5	56
8-38	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43				
38-65	---	---	10-24	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	0.0-0.5	.49	.49				
6UB: Chester-----	0-8	---	---	10-23	1.10-1.30	0.6-2	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	5	56
8-38	---	---	18-35	1.20-1.50	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.43	.43				
38-65	---	---	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-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
7UB: Christiana-----	0-11	---	---	10-26	1.25-1.50	0.2-2	0.18-0.24	0.0-2.9	1.0-2.0	.43	.43	5	5	56
11-65	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28				
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
7UC: Christiana-----	0-11	---	---	10-26	1.25-1.50	0.2-2	0.18-0.24	0.0-2.9	1.0-2.0	.43	.43	5	5	56
11-65	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28				
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
8UB: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Christiana-----	0-11	---	---	10-26	1.25-1.50	0.2-2	0.18-0.24	0.0-2.9	1.0-2.0	.43	.43	5	5	56
	11-65	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	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					
9UB: Elkton-----	0-5	---	---	11-25	1.20-1.50	0.6-2	0.18-0.24	0.0-2.9	1.0-4.0	.43	.43	5	5	56
	5-14	---	---	27-35	1.35-1.55	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.37	.37			
	14-45	---	---	27-45	1.35-1.55	0.06-0.2	0.12-0.19	3.0-5.9	0.0-0.5	.32	.32			
	45-65	---	---	15-20	1.45-1.65	0.2-0.6	0.10-0.15	0.0-2.9	0.0-0.5	.32	.32			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
10: Fluvents-----	0-5	---	---	5-15	1.00-1.40	0.6-2	0.10-0.15	0.0-2.9	0.5-2.0	.43	.49	5	3	86
	5-25	---	---	5-20	1.00-1.45	0.6-6	0.06-0.12	0.0-2.9	0.0-0.5	.37	.43			
	25-65	---	---	3-20	1.20-1.50	2-20	0.05-0.18	0.0-2.9	0.0-0.5	.20	---			
11B: Galestown-----	0-7	---	---	4-10	1.50-1.70	6-20	0.06-0.08	0.0-2.9	0.5-2.0	.17	.17	5	2	134
	7-50	---	---	4-10	1.50-1.70	6-20	0.04-0.08	0.0-2.9	0.0-0.5	.17	.17			
	50-65	---	---	2-6	1.50-1.65	6-20	0.04-0.08	0.0-2.9	0.0-0.5	.17	.20			
11UB: Galestown-----	0-7	---	---	4-10	1.50-1.70	6-20	0.06-0.08	0.0-2.9	0.5-2.0	.17	.17	5	2	134
	7-50	---	---	4-10	1.50-1.70	6-20	0.04-0.08	0.0-2.9	0.0-0.5	.17	.17			
	50-65	---	---	2-6	1.50-1.65	6-20	0.04-0.08	0.0-2.9	0.0-0.5	.17	.20			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
12A: Jackland-----	0-8	---	---	15-27	1.00-1.30	0.6-2	0.16-0.22	0.0-2.9	0.5-2.0	.32	.32	5	6	48
	8-41	---	---	40-60	1.20-1.50	0.0015-0.06	0.08-0.12	9.0-25.0	0.0-0.5	.10	.10			
	41-65	---	---	10-40	1.30-1.60	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.15	.15			
12B: Jackland-----	0-8	---	---	15-27	1.00-1.30	0.6-2	0.16-0.22	0.0-2.9	0.5-2.0	.32	.32	5	6	48
	8-41	---	---	40-60	1.20-1.50	0.0015-0.06	0.08-0.12	9.0-25.0	0.0-0.5	.10	.10			
	41-65	---	---	10-40	1.30-1.60	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.15	.15			
12UB: Jackland-----	0-8	---	---	15-27	1.00-1.30	0.6-2	0.16-0.22	0.0-2.9	0.5-2.0	.32	.32	5	6	48
	8-41	---	---	40-60	1.20-1.50	0.0015-0.06	0.08-0.12	9.0-25.0	0.0-0.5	.10	.10			
	41-65	---	---	10-40	1.30-1.60	0.6-2	0.10-0.14	0.0-2.9	0.0-0.5	.15	.15			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
13B: Joppa-----	0-10	---	---	5-18	1.20-1.45	2-6	0.12-0.18	0.0-2.9	1.0-4.0	.28	.32	5	3	86
	10-24	---	---	10-25	1.35-1.65	2-20	0.06-0.10	0.0-2.9	0.0-0.5	.28	.32			
	24-65	---	---	2-15	1.60-1.75	2-20	0.02-0.10	0.0-2.9	0.0-0.5	.28	.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		
Keyport-----	0-4	---	---	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
	4-48	---	---	30-50	1.35-1.60	0.06-0.2	0.14-0.20	3.0-5.9	0.0-0.5	.32	.32			
	48-65	---	---	5-50	1.35-1.75	0.06-20	0.07-0.20	0.0-2.9	0.0-0.5	.28	.28			
17B: Legore-----	0-12	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	12-22	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	22-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
17C: Legore-----	0-12	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	12-22	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	22-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
17E: Legore-----	0-12	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	12-22	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	22-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
18B: Legore-----	0-9	---	---	12-34	1.20-1.40	0.6-6	0.10-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	9-32	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	32-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
18C: Legore-----	0-9	---	---	12-34	1.20-1.40	0.6-6	0.10-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	9-32	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	32-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
18E: Legore-----	0-9	---	---	12-34	1.20-1.40	0.6-6	0.10-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	9-32	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	32-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
18UB: Legore-----	0-12	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	12-22	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	22-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	
18UC: Legore-----	0-12	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	12-22	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	22-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	

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					
18UE: Legore-----	0-12	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	12-22	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	22-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
19UB: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Legore-----	0-12	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	12-22	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	22-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
19UC: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Legore-----	0-12	---	---	12-34	1.20-1.40	0.6-6	0.12-0.24	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	12-22	---	---	27-34	1.40-1.60	0.6-2	0.12-0.24	3.0-5.9	0.0-0.5	.17	.20			
	22-65	---	---	18-34	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9	0.0-0.5	.28	.32			
20B: Leonardtown-----	0-15	---	---	8-22	1.40-1.70	0.6-2	0.18-0.24	0.0-2.9	0.5-6.0	.43	.43	3	5	56
	15-50	---	---	15-35	1.70-1.90	0.06-0.2	0.08-0.12	0.0-2.9	0.0-0.5	.32	.32			
	50-65	---	---	10-30	1.60-1.90	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
20UB: Leonardtown-----	0-15	---	---	8-22	1.40-1.70	0.6-2	0.18-0.24	0.0-2.9	0.5-6.0	.43	.43	3	5	56
	15-50	---	---	15-35	1.70-1.90	0.06-0.2	0.08-0.12	0.0-2.9	0.0-0.5	.32	.32			
	50-65	---	---	10-30	1.60-1.90	0.2-6	0.08-0.18	0.0-2.9	0.0-0.5	.37	.43			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
21C: Manor-----	0-7	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	6	48
	7-35	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	35-65	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
21E: Manor-----	0-7	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	6	48
	7-35	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	35-65	---	---	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		
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
22UB: Manor-----	0-7	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	6	48
	7-35	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	35-65	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
22UC: Manor-----	0-7	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	6	48
	7-35	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	35-65	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
23UB: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Manor-----	0-7	---	---	10-25	1.10-1.40	0.6-2	0.17-0.21	0.0-2.9	1.0-3.0	.37	.37	5	6	48
	7-35	---	---	10-25	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	0.0-0.5	.32	.37			
	35-65	---	---	5-20	1.25-1.50	0.6-6	0.10-0.20	0.0-2.9	0.0-0.5	.49	.55			
24UB: Matapeake-----	0-15	---	---	5-15	1.10-1.45	0.6-2	0.15-0.24	0.0-2.9	1.0-2.0	.43	.43	5	5	56
	15-65	---	---	18-30	1.40-1.65	0.2-2	0.18-0.24	0.0-2.9	0.0-0.5	.43	.43			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
25B: Mattapex-----	0-12	---	---	10-18	1.10-1.45	0.6-2	0.20-0.28	0.0-2.9	0.5-3.0	.43	.43	5	5	56
	12-41	---	---	18-30	1.25-1.45	0.2-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
	41-65	---	---	8-15	1.45-1.65	0.6-6	0.14-0.18	0.0-2.9	0.0-0.5	.28	.28			
25UB: Mattapex-----	0-12	---	---	10-18	1.10-1.45	0.6-2	0.20-0.28	0.0-2.9	0.5-3.0	.43	.43	5	5	56
	12-41	---	---	18-30	1.25-1.45	0.2-2	0.18-0.22	0.0-2.9	0.0-0.5	.43	.43			
	41-65	---	---	8-15	1.45-1.65	0.6-6	0.14-0.18	0.0-2.9	0.0-0.5	.28	.28			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
26B: Montalto-----	0-18	---	---	18-35	1.40-1.70	0.6-6	0.12-0.16	0.0-2.9	1.0-3.0	.32	.32	5	6	48
	18-32	---	---	30-55	1.35-1.65	0.2-0.6	0.08-0.16	6.0-8.9	0.0-0.5	.28	.28			
	32-65	---	---	20-40	1.60-1.80	0.6-2	0.14-0.21	3.0-5.9	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					
28UC: Relay-----	0-30	---	---	10-30	1.10-1.30	0.6-2	0.18-0.24	0.0-2.9	1.0-6.0	.24	.24	3	6	48
	30-65	---	---	10-25	1.40-1.60	0.6-2	0.16-0.20	0.0-2.9	0.0-0.5	.32	.32			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
28UE: Relay-----	0-30	---	---	10-30	1.10-1.30	0.6-2	0.18-0.24	0.0-2.9	1.0-6.0	.24	.24	3	6	48
	30-65	---	---	10-25	1.40-1.60	0.6-2	0.16-0.20	0.0-2.9	0.0-0.5	.32	.32			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
29B: Sassafras-----	0-35	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	5	3	86
	35-65	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.17	.20			
29C: Sassafras-----	0-35	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	5	3	86
	35-65	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.17	.20			
29UB: Sassafras-----	0-35	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	5	3	86
	35-65	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.17	.20			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
29UC: Sassafras-----	0-35	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	5	3	86
	35-65	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.17	.20			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
30B: Joppa-----	0-10	---	---	5-18	1.20-1.45	2-6	0.12-0.18	0.0-2.9	1.0-4.0	.28	.32	5	3	86
	10-24	---	---	10-25	1.35-1.65	2-20	0.06-0.10	0.0-2.9	0.0-0.5	.28	.32			
	24-65	---	---	2-15	1.60-1.75	2-20	0.02-0.10	0.0-2.9	0.0-0.5	.28	.37			
Sassafras-----	0-35	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	5	3	86
	35-65	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.17	.20			
31UB: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Sassafras-----	0-35	---	---	3-12	1.00-1.40	0.6-6	0.10-0.14	0.0-2.9	1.0-2.0	.20	.28	5	3	86
	35-65	---	---	3-12	1.35-1.50	0.6-20	0.04-0.12	0.0-2.9	---	.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		
Christiana-----	0-11	---	---	10-26	1.25-1.50	0.2-2	0.18-0.24	0.0-2.9	1.0-2.0	.43	.43	5	5	56
	11-65	---	---	28-75	1.30-1.40	0.06-0.6	0.14-0.20	3.0-5.9	0.0-0.5	.28	.28			
Sunnyside-----	0-10	---	---	5-15	1.10-1.25	0.6-2	0.12-0.18	0.0-2.9	1.0-4.0	.24	.24	5	3	86
	10-39	---	---	15-29	1.35-1.55	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.28	.28			
	39-65	---	---	5-20	1.35-1.55	2-6	0.08-0.18	0.0-2.9	0.0-0.5	.24	.24			
35B: Sunnyside-----	0-10	---	---	5-15	1.10-1.25	0.6-2	0.12-0.18	0.0-2.9	1.0-4.0	.24	.24	5	3	86
	10-39	---	---	15-29	1.35-1.55	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.28	.28			
	39-65	---	---	5-20	1.35-1.55	2-6	0.08-0.18	0.0-2.9	0.0-0.5	.24	.24			
35C: Sunnyside-----	0-10	---	---	5-15	1.10-1.25	0.6-2	0.12-0.18	0.0-2.9	1.0-4.0	.24	.24	5	3	86
	10-39	---	---	15-29	1.35-1.55	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.28	.28			
	39-65	---	---	5-20	1.35-1.55	2-6	0.08-0.18	0.0-2.9	0.0-0.5	.24	.24			
36UB: Sunnyside-----	0-10	---	---	5-15	1.10-1.25	0.6-2	0.12-0.18	0.0-2.9	1.0-4.0	.24	.24	5	3	86
	10-39	---	---	15-29	1.35-1.55	0.6-2	0.12-0.20	0.0-2.9	0.0-0.5	.28	.28			
	39-65	---	---	5-20	1.35-1.55	2-6	0.08-0.18	0.0-2.9	0.0-0.5	.24	.24			
Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
37: Sulfaquepts-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
38C: Udorthents-----	0-2	---	---	27-35	1.35-1.60	0.2-0.6	0.14-0.20	3.0-5.9	1.0-2.0	.32	.32	5	4	---
	2-65	---	---	35-50	1.35-1.60	0.06-0.2	0.14-0.20	3.0-5.9	1.0-2.0	.28	.28			
39B: Udorthents-----	0-3	---	---	15-25	1.00-1.45	0.06-0.6	0.14-0.18	0.0-2.9	1.0-2.0	.28	.28	4	5	56
	3-40	---	---	25-35	1.30-1.60	0.06-0.2	0.14-0.20	3.0-5.9	1.0-2.0	.37	.37			
	40-65	---	---	---	---	---	---	---	---	---	---			
39C: Udorthents-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---
39E: Udorthents-----	0-3	---	---	15-25	1.00-1.45	0.06-0.6	0.14-0.18	0.0-2.9	1.0-2.0	.28	.28	4	5	56
	3-40	---	---	25-35	1.30-1.60	0.06-0.2	0.14-0.20	3.0-5.9	1.0-2.0	.37	.37			
	40-65	---	---	---	---	---	---	---	---	---	---			
40B: Udorthents-----	0-2	---	---	6-15	---	0.06-0.6	0.10-0.13	0.0-2.9	1.0-2.0	.28	.28	5	3	86
	2-65	---	---	8-20	---	0.06-0.6	0.12-0.15	3.0-5.9	1.0-2.0	.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					
40C: Udorthents-----	0-2 2-65	---	---	6-15 8-20	---	0.06-0.6 0.06-0.6	0.10-0.13 0.12-0.15	0.0-2.9 3.0-5.9	1.0-2.0 1.0-2.0	.28 .28	.28 .28	5	3	86
40E: Udorthents-----	0-2 2-65	---	---	6-15 8-20	---	0.06-0.6 0.06-0.6	0.10-0.13 0.12-0.15	0.0-2.9 3.0-5.9	1.0-2.0 1.0-2.0	.28 .28	.28 .28	5	3	86
41E: Udorthents-----	0-2 2-65	---	---	15-20 5-20	1.40-1.65 1.40-1.65	2-6 6-20	0.06-0.16 0.01-0.10	0.0-2.9 0.0-2.9	0.0-1.0 0.0-0.5	.20 .17	.24 .24	5	3	86
42: Udorthents-----	0-5 5-65	---	---	3-15 10-15	1.40-1.65 1.00-2.00	0.6-6 0.06-20	0.10-0.12 0.01-0.20	0.0-2.9 0.0-2.9	0.0-2.0 0.0-0.5	.28 .17	.37 .20	5	5	56
Fluents-----	0-5 5-25 25-65	---	---	5-15 5-20 3-20	1.00-1.40 1.00-1.45 1.20-1.50	0.6-2 0.6-6 2-20	0.10-0.15 0.06-0.12 0.05-0.18	0.0-2.9 0.0-2.9 0.0-2.9	0.5-2.0 0.0-0.5 0.0-0.5	.43 .37 .20	.49 .43 ---	5	3	86
42E: Udorthents-----	0-5 5-65	---	---	15-20 3-20	1.40-1.65 1.55-1.80	2-6 2-20	0.06-0.16 0.05-0.20	0.0-2.9 0.0-2.9	0.0-1.0 0.0-0.5	.20 .15	.24 .15	5	3	86
43U: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Udorthents-----	0-2 2-65	---	---	8-20 10-15	1.40-1.65 1.00-2.00	0.6-2 0.06-20	0.11-0.22 0.01-0.20	0.0-2.9 0.0-2.9	0.0-2.0 0.0-0.5	.37 .17	.37 .20	5	3	86
44UC: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
45UB: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Woodstown-----	0-22 22-41 41-65	---	---	10-15 10-22 20-40	1.20-1.50 1.30-1.60 1.50-1.70	0.6-2 0.6-2 0.06-0.2	0.10-0.13 0.12-0.16 0.14-0.17	0.0-2.9 0.0-2.9 3.0-5.9	0.5-2.0 0.5-2.0 0.5-1.0	.28 .37 .37	.28 .37 .37	5	3	86
46UB: Urban Land-----	0-60	---	---	---	---	---	0.00-0.00	---	---	---	---	---	---	---
Woodstown-----	0-22 22-41 41-65	---	---	10-15 10-22 20-40	1.20-1.50 1.30-1.60 1.50-1.70	0.6-2 0.6-2 0.06-0.2	0.10-0.13 0.12-0.16 0.14-0.17	0.0-2.9 0.0-2.9 3.0-5.9	0.5-2.0 0.5-2.0 0.5-1.0	.28 .37 .37	.28 .37 .37	5	3	86

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					

