

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Aa:														
Adrian	0-20	---	---	0	0.30-0.55	1.41-42.34	0.35-0.45	---	55-75	---	---	4	8	0
	20-60	---	---	2-10	1.40-1.75	42.34-141.14	0.03-0.08	0.0-2.9	0.0-1.0	.15	.17			
AfA:														
Agawam	0-8	53-71	25-37	4-10	1.10-1.20	14.00-42.00	0.12-0.15	0.0-2.9	1.0-5.0	.28	.32	3	3	86
	8-14	50-69	30-40	1-10	1.20-1.40	14.00-42.00	0.11-0.18	0.0-2.9	0.5-2.0	.37	.43			
	14-24	54-69	30-40	1-6	1.30-1.40	14.00-42.00	0.11-0.17	0.0-2.9	0.0-0.5	.32	.55			
	24-60	87-100	0-12	0-1	1.30-1.50	141.00-703.00	0.01-0.07	0.0-2.9	0.0-0.5	.15	.17			
AfB:														
Agawam	0-8	53-71	25-37	4-10	1.10-1.20	14.00-42.00	0.12-0.15	0.0-2.9	1.0-5.0	.28	.32	3	3	86
	8-14	50-69	30-40	1-10	1.20-1.40	14.00-42.00	0.11-0.18	0.0-2.9	0.5-2.0	.37	.43			
	14-24	54-69	30-40	1-6	1.30-1.40	14.00-42.00	0.11-0.17	0.0-2.9	0.0-0.5	.32	.55			
	24-60	87-100	0-12	0-1	1.30-1.50	141.00-703.00	0.01-0.07	0.0-2.9	0.0-0.5	.15	.17			
Ba:														
Beaches	---	---	---	---	---	---	---	---	---	---	---	---	1	220
Udipsamments, Udipsamments-undulating	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Bc:														
Birchwood	0-10	---	---	1-5	1.00-1.25	14.11-141.14	0.12-0.20	0.0-2.9	2.0-5.0	.24	.28	3	3	86
	10-24	---	---	1-3	1.30-1.55	42.34-141.14	0.06-0.14	0.0-2.9	0.5-2.0	.17	.20			
	24-60	---	---	3-15	1.70-2.00	0.00-1.41	0.08-0.12	0.0-2.9	0.0-0.5	.24	.32			

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Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
BhA:														
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
BhB:														
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
BmA:														
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
BmB:														
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
BnB:														
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			

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Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
BnB:														
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
BnC:														
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
BoC:														
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			

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										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
BrA:														
Broadbrook	0-8	15-45	50-70	5-15	1.15-1.40	4.00-14.00	0.17-0.21	0.0-2.9	2.0-5.0	.37	.43	3	5	56
	8-14	15-73	22-70	5-15	1.25-1.45	4.00-14.00	0.12-0.21	0.0-2.9	1.0-2.0	.43	.55			
	14-25	15-73	22-70	5-15	1.35-1.60	4.00-14.00	0.12-0.21	0.0-2.9	0.0-1.0	.49	.64			
	25-65	53-70	28-35	2-12	1.70-2.10	0.01-1.40	0.05-0.12	0.0-2.9	0.0-0.5	.32	.55			
BrB:														
Broadbrook	0-8	15-45	50-70	5-15	1.15-1.40	4.00-14.00	0.17-0.21	0.0-2.9	2.0-5.0	.37	.43	3	5	56
	8-14	15-73	22-70	5-15	1.25-1.45	4.00-14.00	0.12-0.21	0.0-2.9	1.0-2.0	.43	.55			
	14-25	15-73	22-70	5-15	1.35-1.60	4.00-14.00	0.12-0.21	0.0-2.9	0.0-1.0	.49	.64			
	25-65	53-70	28-35	2-12	1.70-2.10	0.01-1.40	0.05-0.12	0.0-2.9	0.0-0.5	.32	.55			
BsB:														
Broadbrook	0-8	15-45	50-70	5-15	1.15-1.40	4.00-14.00	0.17-0.21	0.0-2.9	2.0-5.0	.37	.43	3	5	56
	8-14	15-73	22-70	5-15	1.25-1.45	4.00-14.00	0.12-0.21	0.0-2.9	1.0-2.0	.43	.55			
	14-25	15-73	22-70	5-15	1.35-1.60	4.00-14.00	0.12-0.21	0.0-2.9	0.0-1.0	.49	.64			
	25-65	53-70	28-35	2-12	1.70-2.10	0.01-1.40	0.05-0.12	0.0-2.9	0.0-0.5	.32	.55			
CaC:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			

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Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
CaC:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
Rock outcrop	0-1	---	---	---	---	0.00-0.01	---	---	---	---	---	1	---	---
CaD:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
Rock outcrop	0-1	---	---	---	---	0.00-0.01	---	---	---	---	---	1	---	---

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										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
CB:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	3	86
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			
Urban land	0-6	---	---	---	---	0.00-0.01	---	---	0.0	---	---	---	8	0
CC:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			
Urban land	0-6	---	---	---	---	0.00-0.01	---	---	0.0	---	---	---	8	0
CdA:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	3	86
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			

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Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
CdA:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	3	86
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
CdB:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	3	86
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	3	86
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
CdC:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	3	86
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
CdC:														
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	3	86
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
CeC:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
ChB:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
ChB:														
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
ChC:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			
Charlton														
	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
ChD:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
ChD:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
CkC:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			
Charlton	0-4	57-72	20-40	3-8	1.25-1.45	4.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	4-7	57-72	20-40	3-8	1.30-1.45	4.00-42.00	0.09-0.14	0.0-2.9	0.5-1.0	.24	.37			
	7-19	57-72	20-40	3-8	1.35-1.50	4.00-42.00	0.09-0.14	0.0-2.9	0.0-0.5	.28	.43			
	19-27	57-72	20-40	3-8	1.35-1.55	4.00-42.00	0.08-0.14	0.0-2.9	0.0-0.5	.28	.43			
	27-65	57-72	20-40	1-8	1.35-1.60	4.00-42.00	0.08-0.13	0.0-2.9	0.0-0.5	.28	.43			
Co:														
Carlisle	0-66	---	---	---	0.13-0.23	1.41-42.34	0.35-0.45	---	55-75	.05	.05	5	8	0

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
Dc:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Deerfield	0-8	73-83	10-20	2-7	1.45-1.65	42.00-141.00	0.09-0.11	0.0-2.9	1.0-4.0	.15	.15	5	2	134
	8-16	81-94	5-12	1-7	1.45-1.65	42.00-141.00	0.05-0.11	0.0-2.9	0.5-1.0	.15	.20			
	16-28	81-94	5-12	1-7	1.40-1.60	42.00-141.00	0.05-0.11	0.0-2.9	0.0-0.5	.17	.20			
	28-34	80-100	0-15	0-5	1.40-1.60	42.00-703.00	0.04-0.08	0.0-2.9	0.0-0.5	.20	.24			
	34-60	80-100	0-15	0-5	1.40-1.60	42.00-703.00	0.03-0.08	0.0-2.9	0.0	.15	.15			
Du:														
Dumps	---	---	---	---	---	---	---	---	---	---	---	---	8	0
EfA:														
Enfield	0-3	0	0	0	0.30-0.55	14.00-141.00	0.08-0.40	---	50-80	---	---	3	5	56
	3-4	0	0	0	0.30-0.55	14.00-141.00	0.08-0.40	---	50-80	---	---			
	4-12	8-51	51-80	3-12	1.20-1.40	4.00-14.00	0.18-0.21	0.0-2.9	2.0-6.0	.43	.49			
	12-20	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.5-2.0	.55	.64			
	20-26	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.5-2.0	.55	.64			
	26-30	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.0-0.5	.64	.64			
	30-37	85-94	3-28	0-6	1.30-1.60	4.00-14.00	0.01-0.11	0.0-2.9	0.0-0.5	.10	.15			
	37-65	73-100	0-25	0-2	1.40-1.65	42.00-703.00	0.01-0.08	0.0-2.9	0.0-0.5	.17	.20			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
EfB:														
Enfield	0-3	0	0	0	0.30-0.55	14.00-141.00	0.08-0.40	---	50-80	---	---	3	5	56
	3-4	0	0	0	0.30-0.55	14.00-141.00	0.08-0.40	---	50-80	---	---			
	4-12	8-51	51-80	3-12	1.20-1.40	4.00-14.00	0.18-0.21	0.0-2.9	2.0-6.0	.43	.49			
	12-20	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.5-2.0	.55	.64			
	20-26	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.5-2.0	.55	.64			
	26-30	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.0-0.5	.64	.64			
	30-37	85-94	3-28	0-6	1.30-1.60	4.00-14.00	0.01-0.11	0.0-2.9	0.0-0.5	.10	.15			
	37-65	73-100	0-25	0-2	1.40-1.65	42.00-703.00	0.01-0.08	0.0-2.9	0.0-0.5	.17	.20			
GBC:														
Gloucester	0-4	54-69	30-38	1-8	1.00-1.30	42.00-141.00	0.09-0.13	0.0-2.9	2.0-5.0	.17	.24	3	5	56
	4-12	54-69	30-38	1-8	1.20-1.50	42.00-141.00	0.07-0.13	0.0-2.9	0.5-1.5	.15	.28			
	12-25	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
	25-35	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
	35-60	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
GBD:														
Gloucester	0-4	54-69	30-38	1-8	1.00-1.30	42.00-141.00	0.09-0.13	0.0-2.9	2.0-5.0	.17	.24	3	5	56
	4-12	54-69	30-38	1-8	1.20-1.50	42.00-141.00	0.07-0.13	0.0-2.9	0.5-1.5	.15	.28			
	12-25	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
	25-35	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
	35-60	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
GBD:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Bridgehampton	0-8	---	---	2-6	1.05-1.20	4.23-14.11	0.20-0.26	0.0-2.9	2.0-7.0	.49	.49	3	5	56
	8-41	---	---	1-6	1.20-1.45	4.23-14.11	0.20-0.34	0.0-2.9	0.0-2.0	.64	.64			
	41-60	---	---	0-3	1.60-1.80	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
GhC:														
Gloucester	0-4	54-69	30-38	1-8	1.00-1.30	42.00-141.00	0.09-0.13	0.0-2.9	2.0-5.0	.17	.24	3	5	56
	4-12	54-69	30-38	1-8	1.20-1.50	42.00-141.00	0.07-0.13	0.0-2.9	0.5-1.5	.15	.28			
	12-25	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
	25-35	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
	35-60	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
Hinckley	0-8	54-69	27-38	4-8	0.90-1.10	42.00-141.00	0.07-0.11	0.0-2.9	2.0-7.0	.15	.28	3	5	56
	8-20	75-83	12-24	1-5	1.20-1.40	42.00-141.00	0.03-0.10	0.0-2.9	0.5-1.5	.10	.17			
	20-27	87-93	2-12	1-5	1.20-1.40	42.00-141.00	0.02-0.05	0.0-2.9	0.0-0.5	.05	.15			
	27-42	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
	42-60	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
GhD:														
Gloucester	0-4	54-69	30-38	1-8	1.00-1.30	42.00-141.00	0.09-0.13	0.0-2.9	2.0-5.0	.17	.24	3	5	56
	4-12	54-69	30-38	1-8	1.20-1.50	42.00-141.00	0.07-0.13	0.0-2.9	0.5-1.5	.15	.28			
	12-25	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
	25-35	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			
	35-60	85-87	8-15	0-5	1.50-1.75	42.00-141.00	0.02-0.08	0.0-2.9	0.0-0.5	.05	.17			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
GhD:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Hinckley	0-8	54-69	27-38	4-8	0.90-1.10	42.00-141.00	0.07-0.11	0.0-2.9	2.0-7.0	.15	.28	3	5	56
	8-20	75-83	12-24	1-5	1.20-1.40	42.00-141.00	0.03-0.10	0.0-2.9	0.5-1.5	.10	.17			
	20-27	87-93	2-12	1-5	1.20-1.40	42.00-141.00	0.02-0.05	0.0-2.9	0.0-0.5	.05	.15			
	27-42	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
	42-60	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
HkA:														
Hinckley	0-8	54-69	27-38	4-8	0.90-1.10	42.00-141.00	0.07-0.11	0.0-2.9	2.0-7.0	.15	.28	3	5	56
	8-20	75-83	12-24	1-5	1.20-1.40	42.00-141.00	0.03-0.10	0.0-2.9	0.5-1.5	.10	.17			
	20-27	87-93	2-12	1-5	1.20-1.40	42.00-141.00	0.02-0.05	0.0-2.9	0.0-0.5	.05	.15			
	27-42	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
	42-60	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
HkC:														
Hinckley	0-8	54-69	27-38	4-8	0.90-1.10	42.00-141.00	0.07-0.11	0.0-2.9	2.0-7.0	.15	.28	3	5	56
	8-20	75-83	12-24	1-5	1.20-1.40	42.00-141.00	0.03-0.10	0.0-2.9	0.5-1.5	.10	.17			
	20-27	87-93	2-12	1-5	1.20-1.40	42.00-141.00	0.02-0.05	0.0-2.9	0.0-0.5	.05	.15			
	27-42	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
	42-60	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
HkD:														
Hinckley	0-8	54-69	27-38	4-8	0.90-1.10	42.00-141.00	0.07-0.11	0.0-2.9	2.0-7.0	.15	.28	3	5	56
	8-20	75-83	12-24	1-5	1.20-1.40	42.00-141.00	0.03-0.10	0.0-2.9	0.5-1.5	.10	.17			
	20-27	87-93	2-12	1-5	1.20-1.40	42.00-141.00	0.02-0.05	0.0-2.9	0.0-0.5	.05	.15			
	27-42	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
	42-60	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
HnC:														
Hinckley	0-8	54-69	27-38	4-8	0.90-1.10	42.00-141.00	0.07-0.11	0.0-2.9	2.0-7.0	.15	.28	3	5	56
	8-20	75-83	12-24	1-5	1.20-1.40	42.00-141.00	0.03-0.10	0.0-2.9	0.5-1.5	.10	.17			
	20-27	87-93	2-12	1-5	1.20-1.40	42.00-141.00	0.02-0.05	0.0-2.9	0.0-0.5	.05	.15			
	27-42	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
	42-60	88-93	4-12	0-3	1.30-1.50	141. 00-703.00	0.01-0.04	0.0-2.9	0.0-0.5	.10	.28			
Enfield	0-3	0	0	0	0.30-0.55	14.00-141.00	0.08-0.40	---	50-80	---	---	3	5	56
	3-4	0	0	0	0.30-0.55	14.00-141.00	0.08-0.40	---	50-80	---	---			
	4-12	8-51	51-80	3-12	1.20-1.40	4.00-14.00	0.18-0.21	0.0-2.9	2.0-6.0	.43	.49			
	12-20	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.5-2.0	.55	.64			
	20-26	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.5-2.0	.55	.64			
	26-30	8-75	22-80	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.0-0.5	.64	.64			
	30-37	85-94	3-28	0-6	1.30-1.60	4.00-14.00	0.01-0.11	0.0-2.9	0.0-0.5	.10	.15			
	37-65	73-100	0-25	0-2	1.40-1.65	42.00-703.00	0.01-0.08	0.0-2.9	0.0-0.5	.17	.20			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Ip:														
Ipswich	0-11	---	---	1-7	0.10-0.30	4.23-141.14	0.18-0.35	---	50-80	---	---	3	8	0
	11-46	---	---	1-7	0.10-0.30	4.23-141.14	0.18-0.35	---	50-80	---	---			
	46-70	---	---	1-7	0.10-0.30	4.23-141.14	0.18-0.35	---	50-75	---	---			
LgC:														
Lippitt	0-5	---	---	2-5	1.10-1.40	14.11-42.34	0.06-0.16	0.0-2.9	1.0-3.0	.20	.24	2	6	56
	5-16	---	---	2-5	1.30-1.55	14.11-42.34	0.05-0.15	0.0-2.9	0.0-1.0	.20	.28			
	16-26	---	---	2-5	1.40-1.65	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.24			
	26-72	---	---	---	---	0.01-0.10	---	---	0.0	---	---			
	72-76	---	---	---	---	0.00-0.01	---	---	0.0	---	---			
Ma:														
Mansfield	0-8	---	---	3-20	0.80-1.20	4.23-14.11	0.20-0.34	0.0-2.9	10-20	.28	.37	3	8	0
	8-15	---	---	3-18	1.35-1.60	4.23-14.11	0.12-0.24	0.0-2.9	0.0-4.0	.37	.43			
	15-60	---	---	3-10	1.70-2.00	0.00-1.41	0.06-0.12	0.0-2.9	0.0-1.0	.24	.43			
Mc:														
Mansfield	0-8	---	---	3-20	0.80-1.20	4.23-14.11	0.20-0.34	0.0-2.9	10-20	.28	.37	3	8	0
	8-15	---	---	3-18	1.35-1.60	4.23-14.11	0.12-0.24	0.0-2.9	0.0-4.0	.37	.43			
	15-60	---	---	3-10	1.70-2.00	0.00-1.41	0.06-0.12	0.0-2.9	0.0-1.0	.24	.43			
Mk:														
Matunuck	0-12	---	---	0	0.30-0.80	42.34-141.14	0.18-0.35	---	20-90	---	---	2	8	0
	12-18	---	---	1-10	1.40-1.65	42.34-141.14	0.02-0.18	0.0-2.9	0.5-4.0	.17	.17			
	18-72	---	---	0-2	1.45-1.70	141.14-705.00	0.02-0.13	0.0-2.9	0.0-1.0	.17	.17			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
MmA:														
Merrimac	0-9	45-70	27-48	3-7	1.10-1.20	14.00-42.00	0.10-0.12	0.0-2.9	1.0-5.0	.24	.28	3	3	86
	9-16	48-69	30-48	1-4	1.20-1.40	14.00-42.00	0.10-0.14	0.0-2.9	0.5-1.0	.28	.37			
	16-24	48-69	30-48	1-4	1.20-1.40	14.00-42.00	0.07-0.12	0.0-2.9	0.5-1.0	.24	.32			
	24-60	88-100	0-9	0-3	1.30-1.50	42.00-703.00	0.02-0.05	0.0-2.9	0.0-0.5	.10	.15			
MmB:														
Merrimac	0-9	45-70	27-48	3-7	1.10-1.20	14.00-42.00	0.10-0.12	0.0-2.9	1.0-5.0	.24	.28	3	3	86
	9-16	48-69	30-48	1-4	1.20-1.40	14.00-42.00	0.10-0.14	0.0-2.9	0.5-1.0	.28	.37			
	16-24	48-69	30-48	1-4	1.20-1.40	14.00-42.00	0.07-0.12	0.0-2.9	0.5-1.0	.24	.32			
	24-60	88-100	0-9	0-3	1.30-1.50	42.00-703.00	0.02-0.05	0.0-2.9	0.0-0.5	.10	.15			
MU:														
Merrimac	0-9	45-70	27-48	3-7	1.10-1.20	14.00-42.00	0.10-0.12	0.0-2.9	1.0-5.0	.24	.28	3	3	86
	9-16	48-69	30-48	1-4	1.20-1.40	14.00-42.00	0.10-0.14	0.0-2.9	0.5-1.0	.28	.37			
	16-24	48-69	30-48	1-4	1.20-1.40	14.00-42.00	0.07-0.12	0.0-2.9	0.5-1.0	.24	.32			
	24-60	88-100	0-9	0-3	1.30-1.50	42.00-703.00	0.02-0.05	0.0-2.9	0.0-0.5	.10	.15			
Urban land	0-6	---	---	---	---	0.00-0.01	---	---	0.0	---	---	---	8	0
NaA:														
Narragansett	0-6	10-45	51-80	4-10	1.20-1.40	4.00-14.00	0.16-0.21	0.0-2.9	2.0-6.0	.37	.43	3	5	56
	6-15	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	1.0-2.0	.49	.55			
	15-24	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.5-1.0	.49	.55			
	24-28	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.0-1.0	.49	.55			
	28-60	73-92	8-25	0-2	1.40-1.70	14.00-141.00	0.02-0.10	0.0-2.9	0.0-0.5	.20	.32			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
NaB:														
Narragansett	0-6	10-45	51-80	4-10	1.20-1.40	4.00-14.00	0.16-0.21	0.0-2.9	2.0-6.0	.37	.43	3	5	56
	6-15	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	1.0-2.0	.49	.55			
	15-24	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.5-1.0	.49	.55			
	24-28	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.0-1.0	.49	.55			
	28-60	73-92	8-25	0-2	1.40-1.70	14.00-141.00	0.02-0.10	0.0-2.9	0.0-0.5	.20	.32			
NbB:														
Narragansett	0-6	10-45	51-80	4-10	1.20-1.40	4.00-14.00	0.16-0.21	0.0-2.9	2.0-6.0	.37	.43	3	6	48
	6-15	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	1.0-2.0	.49	.55			
	15-24	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.5-1.0	.49	.55			
	24-28	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.0-1.0	.49	.55			
	28-60	73-92	8-25	0-2	1.40-1.70	14.00-141.00	0.02-0.10	0.0-2.9	0.0-0.5	.20	.32			
NbC:														
Narragansett	0-6	10-45	51-80	4-10	1.20-1.40	4.00-14.00	0.16-0.21	0.0-2.9	2.0-6.0	.37	.43	3	6	48
	6-15	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	1.0-2.0	.49	.55			
	15-24	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.5-1.0	.49	.55			
	24-28	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.0-1.0	.49	.55			
	28-60	73-92	8-25	0-2	1.40-1.70	14.00-141.00	0.02-0.10	0.0-2.9	0.0-0.5	.20	.32			
NcC:														
Narragansett	0-6	10-45	51-80	4-10	1.20-1.40	4.00-14.00	0.16-0.21	0.0-2.9	2.0-6.0	.37	.43	3	6	48
	6-15	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	1.0-2.0	.49	.55			
	15-24	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.5-1.0	.49	.55			
	24-28	10-73	23-80	4-10	1.40-1.60	4.00-14.00	0.11-0.21	0.0-2.9	0.0-1.0	.49	.55			
	28-60	73-92	8-25	0-2	1.40-1.70	14.00-141.00	0.02-0.10	0.0-2.9	0.0-0.5	.20	.32			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
NeA:														
Newport	0-8	---	---	4-10	1.10-1.30	4.23-42.34	0.14-0.24	0.0-2.9	2.0-6.0	.28	.32	3	5	56
	8-24	---	---	3-10	1.30-1.60	4.23-42.34	0.11-0.21	0.0-2.9	0.5-2.0	.37	.43			
	24-65	---	---	3-10	1.70-2.00	0.00-1.41	0.05-0.12	0.0-2.9	0.0-0.5	.24	.32			
NeB:														
Newport	0-8	---	---	4-10	1.10-1.30	4.23-42.34	0.14-0.24	0.0-2.9	2.0-6.0	.28	.32	3	5	56
	8-24	---	---	3-10	1.30-1.60	4.23-42.34	0.11-0.21	0.0-2.9	0.5-2.0	.37	.43			
	24-65	---	---	3-10	1.70-2.00	0.00-1.41	0.05-0.12	0.0-2.9	0.0-0.5	.24	.32			
NeC:														
Newport	0-8	---	---	4-10	1.10-1.30	4.23-42.34	0.14-0.24	0.0-2.9	2.0-6.0	.28	.32	3	5	56
	8-24	---	---	3-10	1.30-1.60	4.23-42.34	0.11-0.21	0.0-2.9	0.5-2.0	.37	.43			
	24-65	---	---	3-10	1.70-2.00	0.00-1.41	0.05-0.12	0.0-2.9	0.0-0.5	.24	.32			
NfB:														
Newport	0-8	---	---	4-10	1.10-1.30	4.23-42.34	0.14-0.24	0.0-2.9	2.0-6.0	.28	.32	3	6	48
	8-24	---	---	3-10	1.30-1.60	4.23-42.34	0.11-0.21	0.0-2.9	0.5-2.0	.37	.43			
	24-65	---	---	3-10	1.70-2.00	0.00-1.41	0.05-0.12	0.0-2.9	0.0-0.5	.24	.32			
NoC:														
Newport	0-8	---	---	4-10	1.10-1.30	4.23-42.34	0.14-0.24	0.0-2.9	2.0-6.0	.28	.32	3	6	48
	8-24	---	---	3-10	1.30-1.60	4.23-42.34	0.11-0.21	0.0-2.9	0.5-2.0	.37	.43			
	24-65	---	---	3-10	1.70-2.00	0.00-1.41	0.05-0.12	0.0-2.9	0.0-0.5	.24	.32			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
NP:														
Newport	0-8	---	---	4-10	1.10-1.30	4.23-42.34	0.14-0.24	0.0-2.9	2.0-6.0	.28	.32	3	5	56
	8-24	---	---	3-10	1.30-1.60	4.23-42.34	0.11-0.21	0.0-2.9	0.5-2.0	.37	.43			
	24-65	---	---	3-10	1.70-2.00	0.00-1.41	0.05-0.12	0.0-2.9	0.0-0.5	.24	.32			
Urban land	0-6	---	---	---	---	0.00-0.01	---	---	0.0	---	---	---	8	0
Nt:														
Ninigret	0-8	53-70	27-35	3-12	1.00-1.25	4.00-42.00	0.13-0.15	0.0-2.9	2.0-5.0	.32	.37	3	3	86
	8-16	28-70	27-60	3-12	1.35-1.60	4.00-42.00	0.13-0.20	0.0-2.9	0.5-1.5	.43	.49			
	16-26	28-70	27-60	3-12	1.35-1.60	4.00-42.00	0.13-0.20	0.0-2.9	0.0-0.5	.49	.55			
	26-65	73-100	0-25	0-2	1.45-1.70	42.00-703.00	0.01-0.11	0.0-2.9	0.0-0.5	.15	.17			
PaA:														
Paxton	0-8	53-70	27-35	3-12	1.00-1.25	4.00-14.00	0.11-0.14	0.0-2.9	2.0-5.0	.20	.28	3	3	86
	8-15	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.5	.28	.43			
	15-26	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.28	.43			
	26-65	40-72	25-48	3-12	1.70-2.00	0.01-1.41	0.05-0.10	0.0-2.9	0.0-0.5	.37	.55			
PaB:														
Paxton	0-8	53-70	27-35	3-12	1.00-1.25	4.00-14.00	0.11-0.14	0.0-2.9	2.0-5.0	.20	.28	3	3	86
	8-15	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.5	.28	.43			
	15-26	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.28	.43			
	26-65	40-72	25-48	3-12	1.70-2.00	0.01-1.41	0.05-0.10	0.0-2.9	0.0-0.5	.37	.55			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
PbB:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Paxton	0-8	53-70	27-35	3-12	1.00-1.25	4.00-14.00	0.11-0.14	0.0-2.9	2.0-5.0	.20	.28	3	5	56
	8-15	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.5	.28	.43			
	15-26	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.28	.43			
	26-65	40-72	25-48	3-12	1.70-2.00	0.01-1.41	0.05-0.10	0.0-2.9	0.0-0.5	.37	.55			
PbC:														
Paxton	0-8	53-70	27-35	3-12	1.00-1.25	4.00-14.00	0.11-0.14	0.0-2.9	2.0-5.0	.20	.28	3	5	56
	8-15	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.5	.28	.43			
	15-26	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.28	.43			
	26-65	40-72	25-48	3-12	1.70-2.00	0.01-1.41	0.05-0.10	0.0-2.9	0.0-0.5	.37	.55			
PcC:														
Paxton	0-8	53-70	27-35	3-12	1.00-1.25	4.00-14.00	0.11-0.14	0.0-2.9	2.0-5.0	.20	.28	3	5	56
	8-15	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.5	.28	.43			
	15-26	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.28	.43			
	26-65	40-72	25-48	3-12	1.70-2.00	0.01-1.41	0.05-0.10	0.0-2.9	0.0-0.5	.37	.55			
PD:														
Paxton	0-8	53-70	27-35	3-12	1.00-1.25	4.00-14.00	0.11-0.14	0.0-2.9	2.0-5.0	.20	.28	3	3	86
	8-15	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.5	.28	.43			
	15-26	40-72	25-48	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.28	.43			
	26-65	40-72	25-48	3-12	1.70-2.00	0.01-1.41	0.05-0.10	0.0-2.9	0.0-0.5	.37	.55			
Urban land	0-6	---	---	---	---	0.00-0.01	---	---	0.0	---	---	---	8	0
Pg:														
Pits	---	---	---	---	---	---	---	---	---	---	---	---	8	0

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Pg:														
Urban land	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pk:														
Pits	---	---	---	---	---	---	---	---	---	---	---	---	8	0
PmA:														
Pittstown	0-8	---	---	2-12	1.00-1.30	4.23-14.11	0.15-0.20	0.0-2.9	2.0-6.0	.20	.32	3	5	56
	8-28	---	---	2-12	1.30-1.60	4.23-14.11	0.15-0.20	0.0-2.9	0.5-2.0	.37	.43			
	28-60	---	---	2-12	1.70-2.00	0.42-4.23	0.10-0.15	0.0-2.9	0.0-1.0	.28	.43			
PmB:														
Pittstown	0-8	---	---	2-12	1.00-1.30	4.23-14.11	0.15-0.20	0.0-2.9	2.0-6.0	.20	.32	3	5	56
	8-28	---	---	2-12	1.30-1.60	4.23-14.11	0.15-0.20	0.0-2.9	0.5-2.0	.37	.43			
	28-60	---	---	2-12	1.70-2.00	0.42-4.23	0.10-0.15	0.0-2.9	0.0-1.0	.28	.43			
PnB:														
Pittstown	0-8	---	---	2-12	1.00-1.30	4.23-14.11	0.15-0.20	0.0-2.9	2.0-6.0	.20	.32	3	6	48
	8-28	---	---	2-12	1.30-1.60	4.23-14.11	0.15-0.20	0.0-2.9	0.5-2.0	.37	.43			
	28-60	---	---	2-12	1.70-2.00	0.42-4.23	0.10-0.15	0.0-2.9	0.0-1.0	.28	.43			
Pp:														
Pootatuck	0-12	---	---	2-6	1.10-1.35	4.23-42.34	0.11-0.21	0.0-2.9	2.0-6.0	.20	.32	5	3	86
	12-38	---	---	1-6	1.20-1.45	4.23-42.34	0.09-0.18	0.0-2.9	0.5-2.0	.20	.37			
	38-65	---	---	0-2	1.25-1.50	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.17	.28			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
PsA:														
Poquonock	0-8	---	---	1-5	1.00-1.25	42.34-141.14	0.08-0.12	0.0-2.9	2.0-5.0	.20	.24	3	2	134
	8-28	---	---	1-5	1.35-1.60	42.34-141.14	0.04-0.10	0.0-2.9	0.5-2.0	.17	.20			
	28-60	---	---	2-12	1.70-2.00	0.00-1.41	0.06-0.12	0.0-2.9	0.0-0.5	.24	.37			
PsB:														
Poquonock	0-8	---	---	1-5	1.00-1.25	42.34-141.14	0.08-0.12	0.0-2.9	2.0-5.0	.20	.24	3	2	134
	8-28	---	---	1-5	1.35-1.60	42.34-141.14	0.04-0.10	0.0-2.9	0.5-2.0	.17	.20			
	28-60	---	---	2-12	1.70-2.00	0.00-1.41	0.06-0.12	0.0-2.9	0.0-0.5	.24	.37			
QoA:														
Quonset	0-3	---	---	2-7	1.20-1.30	14.11-141.14	0.04-0.13	0.0-2.9	2.0-7.0	.17	.24	3	5	56
	3-16	---	---	1-4	1.40-1.50	14.11-141.14	0.04-0.07	0.0-2.9	0.5-2.0	.17	.28			
	16-60	---	---	0-2	1.40-1.50	141.14-705.00	0.01-0.03	0.0-2.9	0.0-0.5	.10	.20			
QoC:														
Quonset	0-3	---	---	2-7	1.20-1.30	14.11-141.14	0.04-0.13	0.0-2.9	2.0-7.0	.17	.24	3	5	56
	3-16	---	---	1-4	1.40-1.50	14.11-141.14	0.04-0.07	0.0-2.9	0.5-2.0	.17	.28			
	16-60	---	---	0-2	1.40-1.50	141.14-705.00	0.01-0.03	0.0-2.9	0.0-0.5	.10	.20			
RaA:														
Rainbow	0-6	13-44	51-75	5-12	1.20-1.40	4.00-14.00	0.17-0.21	0.0-2.9	2.0-6.0	.28	.37	3	5	56
	6-18	13-71	27-75	2-12	1.25-1.45	4.00-14.00	0.12-0.21	0.0-2.9	0.5-2.0	.43	.49			
	18-26	13-71	27-75	2-12	1.25-1.50	4.00-14.00	0.12-0.21	0.0-2.9	0.0-0.5	.49	.55			
	26-65	40-71	27-48	2-12	1.70-2.00	0.01-1.40	0.05-0.12	0.0-2.9	0.0-0.5	.32	.49			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
RaB:														
Rainbow	0-6	13-44	51-75	5-12	1.20-1.40	4.00-14.00	0.17-0.21	0.0-2.9	2.0-6.0	.28	.37	3	5	56
	6-18	13-71	27-75	2-12	1.25-1.45	4.00-14.00	0.12-0.21	0.0-2.9	0.5-2.0	.43	.49			
	18-26	13-71	27-75	2-12	1.25-1.50	4.00-14.00	0.12-0.21	0.0-2.9	0.0-0.5	.49	.55			
	26-65	40-71	27-48	2-12	1.70-2.00	0.01-1.40	0.05-0.12	0.0-2.9	0.0-0.5	.32	.49			
RbB:														
Rainbow	0-6	13-44	51-75	5-12	1.20-1.40	4.00-14.00	0.17-0.21	0.0-2.9	2.0-6.0	.28	.37	3	6	48
	6-18	13-71	27-75	2-12	1.25-1.45	4.00-14.00	0.12-0.21	0.0-2.9	0.5-2.0	.43	.49			
	18-26	13-71	27-75	2-12	1.25-1.50	4.00-14.00	0.12-0.21	0.0-2.9	0.0-0.5	.49	.55			
	26-65	40-71	27-48	2-12	1.70-2.00	0.01-1.40	0.05-0.12	0.0-2.9	0.0-0.5	.32	.49			
Rc:														
Raypol	0-4	---	---	3-12	1.00-1.25	4.23-14.11	0.16-0.28	0.0-2.9	2.0-8.0	.49	.49	3	5	56
	4-22	---	---	3-12	1.35-1.55	4.23-14.11	0.15-0.26	0.0-2.9	1.0-2.0	.49	.49			
	22-65	---	---	0-2	1.40-1.65	42.34-141.14	0.01-0.10	0.0-2.9	0.0-0.5	.10	.20			
Re:														
Ridgebury	0-5	55-72	25-35	3-10	1.30-1.50	4.00-42.00	0.12-0.14	0.0-2.9	4.0-7.0	.15	.20	3	3	86
	5-14	47-70	28-45	2-8	1.50-1.80	4.00-42.00	0.10-0.14	0.0-2.9	0.0-1.0	.28	.43			
	14-21	47-70	28-45	2-8	1.60-1.80	4.00-42.00	0.10-0.14	0.0-2.9	0.0-1.0	.28	.43			
	21-60	47-70	28-45	2-8	1.80-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.28	.43			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
Rf:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Leicester	0-7	55-70	27-35	3-10	1.00-1.25	4.00-42.00	0.12-0.14	0.0-2.9	3.0-8.0	.17	.24	3	5	56
	7-10	45-67	30-45	3-10	1.35-1.60	4.00-42.00	0.08-0.17	0.0-2.9	0.5-2.0	.32	.49			
	10-18	45-67	30-45	3-10	1.35-1.60	4.00-42.00	0.08-0.17	0.0-2.9	0.0-1.0	.37	.55			
	18-24	45-67	30-45	3-10	1.35-1.60	4.00-42.00	0.08-0.17	0.0-2.9	0.0-0.5	.37	.55			
	24-43	53-68	30-40	2-7	1.45-1.70	4.00-141.00	0.07-0.14	0.0-2.9	0.0-0.5	.28	.43			
	43-65	53-68	30-40	2-7	1.45-1.70	4.00-141.00	0.05-0.14	0.0-2.9	0.0-0.5	.24	.43			
Ridgebury	0-5	55-72	25-35	3-10	1.30-1.50	4.00-42.00	0.12-0.14	0.0-2.9	4.0-7.0	.15	.20	3	5	56
	5-14	47-70	28-45	2-8	1.50-1.80	4.00-42.00	0.10-0.14	0.0-2.9	0.0-1.0	.28	.43			
	14-21	47-70	28-45	2-8	1.60-1.80	4.00-42.00	0.10-0.14	0.0-2.9	0.0-1.0	.28	.43			
	21-60	47-70	28-45	2-8	1.80-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.28	.43			
Whitman	0-1	0	0	0	0.30-0.55	141.00-703.00	0.08-0.40	0.0-20.0	20-95	---	---	3	5	56
	1-9	53-70	25-35	5-12	0.65-1.30	4.00-42.00	0.11-0.13	0.0-2.9	4.0-8.0	.15	.20			
	9-16	43-85	30-45	2-12	1.30-1.65	4.00-42.00	0.08-0.13	0.0-2.9	0.0-2.0	.28	.43			
	16-22	47-68	30-45	2-8	1.85-2.10	0.01-1.40	0.03-0.07	0.0-2.9	0.0-0.5	.37	.55			
	22-60	47-68	30-45	2-8	1.85-2.10	0.01-1.40	0.03-0.07	0.0-2.9	0.0-0.5	.37	.55			
Rk:														
Rock outcrop	0-1	---	---	---	---	0.00-0.01	---	---	---	---	---	1	8	0
Beaches	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Rp:														
Rock outcrop	0-1	---	---	---	---	0.00-0.01	---	---	---	---	---	1	8	0

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Rp:														
Canton	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	5	56
	1-3	54-70	29-38	1-8	1.25-1.45	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.05	.24			
	3-15	43-70	29-45	1-8	1.25-1.45	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	15-24	43-70	29-45	1-8	1.25-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.5-1.0	.32	.55			
	24-30	43-70	29-45	1-8	1.30-1.50	14.00-42.00	0.10-0.15	0.0-2.9	0.0-0.5	.32	.55			
	30-60	77-85	15-18	0-5	1.35-1.60	42.00-141.00	0.03-0.09	0.0-2.9	0.0-0.5	.17	.32			
Ru:														
Rippowam	0-5	49-68	30-45	2-6	1.10-1.35	4.00-42.00	0.11-0.21	0.0-2.9	3.0-8.0	.15	.20	5	3	86
	5-12	49-69	30-45	1-6	1.20-1.45	4.00-42.00	0.09-0.18	0.0-2.9	1.0-3.0	.28	.37			
	12-19	49-69	30-45	1-6	1.20-1.45	4.00-42.00	0.09-0.18	0.0-2.9	0.5-1.0	.28	.37			
	19-24	49-84	15-45	1-6	1.20-1.45	4.00-42.00	0.09-0.18	0.0-2.9	0.0-1.0	.28	.37			
	24-27	49-84	15-45	1-6	1.20-1.45	4.00-42.00	0.09-0.18	0.0-2.9	0.0-0.5	.28	.37			
	27-31	73-100	0-25	0-2	1.25-1.50	42.00-703.00	0.01-0.10	0.0-2.9	0.0-0.5	.15	.17			
	31-65	73-100	0-25	0-2	1.25-1.50	42.00-703.00	0.01-0.10	0.0-2.9	0.0-0.5	.15	.17			
Sb:														
Scarboro	0-12	0	0	0	0.30-0.55	14.00-42.00	0.08-0.40	0.0-20.0	50-95	---	---	5	8	0
	12-17	74-83	10-25	1-5	1.25-1.45	14.00-141.00	0.08-0.11	0.0-2.9	3.0-15	.05	.05			
	17-31	75-93	5-25	0-2	1.35-1.55	42.00-703.00	0.04-0.08	0.0-2.9	0.0-1.0	.24	.28			
	31-72	75-93	5-25	0-2	1.35-1.55	42.00-703.00	0.02-0.08	0.0-2.9	0.0-0.5	.24	.28			
ScA:														
Scio	0-9	---	---	2-15	1.20-1.50	4.23-14.11	0.18-0.21	0.0-2.9	2.0-8.0	.49	.49	3	5	56
	9-46	---	---	2-15	1.20-1.50	4.23-14.11	0.17-0.20	0.0-2.9	0.5-2.0	.64	.64			
	46-60	---	---	0-5	1.45-1.65	14.11-141.14	0.02-0.19	0.0-2.9	0.0-0.5	.17	.32			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
SdB:														
Scio	0-9	---	---	2-15	1.20-1.50	4.23-14.11	0.18-0.21	0.0-2.9	2.0-8.0	.49	.49	3	6	48
	9-46	---	---	2-15	1.20-1.50	4.23-14.11	0.17-0.20	0.0-2.9	0.5-2.0	.64	.64			
	46-60	---	---	0-5	1.45-1.65	14.11-141.14	0.02-0.19	0.0-2.9	0.0-0.5	.17	.32			
Se:														
Stissing	0-8	---	---	2-12	1.00-1.10	4.23-14.11	0.15-0.23	0.0-2.9	2.0-5.0	.28	.43	3	5	56
	8-15	---	---	2-12	1.20-1.50	4.23-14.11	0.13-0.20	0.0-2.9	0.5-2.0	.37	.43			
	15-60	---	---	1-12	1.70-1.90	0.42-1.41	0.02-0.06	0.0-2.9	0.0-0.5	.28	.49			
Sf:														
Stissing	0-8	---	---	2-12	1.00-1.10	4.23-14.11	0.15-0.23	0.0-2.9	2.0-5.0	.28	.43	3	6	48
	8-15	---	---	2-12	1.20-1.50	4.23-14.11	0.13-0.20	0.0-2.9	0.5-2.0	.37	.43			
	15-60	---	---	1-12	1.70-1.90	0.42-1.41	0.02-0.06	0.0-2.9	0.0-0.5	.28	.49			
Ss:														
Sudbury	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	3	86
	1-5	46-68	30-48	2-6	1.10-1.40	14.00-42.00	0.10-0.13	0.0-2.9	2.0-6.0	.24	.28			
	5-17	63-73	20-35	2-7	1.15-1.45	14.00-42.00	0.07-0.15	0.0-2.9	0.5-2.0	.24	.32			
	17-25	63-73	20-35	2-7	1.15-1.45	14.00-42.00	0.07-0.15	0.0-2.9	0.0-0.5	.28	.32			
	25-60	79-98	2-8	0-3	1.30-1.45	42.00-703.00	0.01-0.06	0.0-2.9	0.0-0.5	.15	.28			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
StA:														
Sutton	0-6	56-68	20-40	4-12	1.30-1.50	14.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.15	.20	3	3	86
	6-12	43-68	28-45	4-12	1.35-1.55	4.00-42.00	0.07-0.17	0.0-2.9	1.0-3.0	.24	.37			
	12-24	43-68	28-45	4-12	1.35-1.60	4.00-42.00	0.07-0.17	0.0-2.9	0.5-2.0	.24	.37			
	24-28	43-68	28-45	4-12	1.35-1.60	4.00-42.00	0.07-0.17	0.0-2.9	0.0-1.0	.28	.37			
	28-36	58-70	20-40	2-10	1.45-1.65	14.00-42.00	0.07-0.14	0.0-2.9	0.0-0.5	.24	.37			
	36-65	58-70	20-40	2-10	1.45-1.65	14.00-42.00	0.07-0.14	0.0-2.9	0.0-0.5	.24	.37			
StB:														
Sutton	0-6	56-68	20-40	4-12	1.30-1.50	14.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.15	.20	3	3	86
	6-12	43-68	28-45	4-12	1.35-1.55	4.00-42.00	0.07-0.17	0.0-2.9	1.0-3.0	.24	.37			
	12-24	43-68	28-45	4-12	1.35-1.60	4.00-42.00	0.07-0.17	0.0-2.9	0.5-2.0	.24	.37			
	24-28	43-68	28-45	4-12	1.35-1.60	4.00-42.00	0.07-0.17	0.0-2.9	0.0-1.0	.28	.37			
	28-36	58-70	20-40	2-10	1.45-1.65	14.00-42.00	0.07-0.14	0.0-2.9	0.0-0.5	.24	.37			
	36-65	58-70	20-40	2-10	1.45-1.65	14.00-42.00	0.07-0.14	0.0-2.9	0.0-0.5	.24	.37			
SuB:														
Sutton	0-6	56-68	20-40	4-12	1.30-1.50	14.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.15	.20	3	5	56
	6-12	43-68	28-45	4-12	1.35-1.55	4.00-42.00	0.07-0.17	0.0-2.9	1.0-3.0	.24	.37			
	12-24	43-68	28-45	4-12	1.35-1.60	4.00-42.00	0.07-0.17	0.0-2.9	0.5-2.0	.24	.37			
	24-28	43-68	28-45	4-12	1.35-1.60	4.00-42.00	0.07-0.17	0.0-2.9	0.0-1.0	.28	.37			
	28-36	58-70	20-40	2-10	1.45-1.65	14.00-42.00	0.07-0.14	0.0-2.9	0.0-0.5	.24	.37			
	36-65	58-70	20-40	2-10	1.45-1.65	14.00-42.00	0.07-0.14	0.0-2.9	0.0-0.5	.24	.37			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
SvB:	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
Sutton	0-6	56-68	20-40	4-12	1.30-1.50	14.00-42.00	0.12-0.14	0.0-2.9	2.0-6.0	.15	.20	3	5	56
	6-12	43-68	28-45	4-12	1.35-1.55	4.00-42.00	0.07-0.17	0.0-2.9	1.0-3.0	.24	.37			
	12-24	43-68	28-45	4-12	1.35-1.60	4.00-42.00	0.07-0.17	0.0-2.9	0.5-2.0	.24	.37			
	24-28	43-68	28-45	4-12	1.35-1.60	4.00-42.00	0.07-0.17	0.0-2.9	0.0-1.0	.28	.37			
	28-36	58-70	20-40	2-10	1.45-1.65	14.00-42.00	0.07-0.14	0.0-2.9	0.0-0.5	.24	.37			
	36-65	58-70	20-40	2-10	1.45-1.65	14.00-42.00	0.07-0.14	0.0-2.9	0.0-0.5	.24	.37			
Tb:														
Tisbury	0-8	9-46	51-79	3-12	1.00-1.30	4.00-14.00	0.18-0.21	0.0-2.9	2.0-6.0	.43	.49	3	5	56
	8-18	9-69	28-79	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.5-1.5	.55	.64			
	18-26	9-69	28-79	3-12	1.30-1.60	4.00-14.00	0.14-0.21	0.0-2.9	0.0-0.5	.55	.64			
	26-60	77-100	0-20	0-3	1.40-1.65	42.00-703.00	0.01-0.08	0.0-2.9	0.0-0.5	.17	.20			
UAB:														
Udipsamments	0-65	---	---	0-1	1.30-1.70	141. 14-705.00	0.02-0.05	0.0-2.9	0.0-0.5	.10	.15	5	1	220
Beaches	---	---	---	---	---	---	---	---	---	---	---	---	---	---
UBE:														
Udorthents	0-12	---	---	3-7	1.10-1.20	14.11-42.34	0.14-0.19	0.0-2.9	1.0-5.0	.24	---	---	3	86
	12-25	---	---	1-4	1.20-1.40	14.11-42.34	0.14-0.17	0.0-2.9	---	.24	---			
	25-60	---	---	0-3	1.30-1.50	42.34-141.14	0.01-0.06	0.0-2.9	---	.10	---			
Beaches	---	---	---	---	---	---	---	---	---	---	---	---	1	220

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
UD:														
Udorthents	0-12	---	---	3-7	1.10-1.20	14.11-42.34	0.14-0.19	0.0-2.9	1.0-5.0	.24	---	---	3	86
	12-25	---	---	1-4	1.20-1.40	14.11-42.34	0.14-0.17	0.0-2.9	---	.24	---			
	25-60	---	---	0-3	1.30-1.50	42.34-141.14	0.01-0.06	0.0-2.9	---	.10	---			
Urban land	0-6	---	---	---	---	0.00-0.01	---	---	---	---	---	---	8	0
Ur:														
Urban land	---	---	---	---	---	---	---	---	---	---	---	---	8	0
W:														
Water	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wa:														
Walpole	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	3	3	86
	1-7	46-70	28-48	2-6	1.30-1.55	14.00-42.00	0.09-0.13	0.0-2.9	0.5-2.0	.32	.37			
	7-21	46-70	28-48	2-6	1.30-1.55	14.00-42.00	0.08-0.15	0.0-2.9	0.0-1.0	.32	.43			
	21-25	52-72	28-48	0-2	1.40-1.65	42.00-703.00	0.08-0.15	0.0-2.9	0.0-0.5	.10	.15			
	25-41	52-100	0-25	0-2	1.40-1.65	42.00-703.00	0.02-0.11	0.0-2.9	0.0-0.5	.10	.15			
	41-65	52-100	0-25	0-2	1.40-1.65	42.00-703.00	0.02-0.11	0.0-2.9	0.0-0.5	.10	.15			
WbA:														
Wapping	0-11	43-66	30-45	4-12	1.20-1.40	4.00-14.00	0.13-0.17	0.0-2.9	2.0-6.0	.32	.43	3	5	56
	11-16	33-66	30-55	2-12	1.20-1.40	4.00-14.00	0.13-0.21	0.0-2.9	0.5-1.5	.49	.55			
	16-20	35-68	30-55	2-10	1.20-1.40	4.00-14.00	0.13-0.21	0.0-2.9	0.0-1.0	.55	.64			
	20-28	62-74	18-36	1-8	1.45-1.60	14.00-42.00	0.07-0.13	0.0-2.9	0.0-0.5	.20	.37			
	28-36	79-84	10-20	1-8	1.45-1.65	14.00-141.00	0.04-0.13	0.0-2.9	0.0-0.5	.15	.24			
	36-80	79-84	10-20	1-6	1.45-1.65	14.00-141.00	0.03-0.13	0.0-2.9	0.0-0.5	.15	.24			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
WbB:														
Wapping	0-11	43-66	30-45	4-12	1.20-1.40	4.00-14.00	0.13-0.17	0.0-2.9	2.0-6.0	.32	.43	3	5	56
	11-16	33-66	30-55	2-12	1.20-1.40	4.00-14.00	0.13-0.21	0.0-2.9	0.5-1.5	.49	.55			
	16-20	35-68	30-55	2-10	1.20-1.40	4.00-14.00	0.13-0.21	0.0-2.9	0.0-1.0	.55	.64			
	20-28	62-74	18-36	1-8	1.45-1.60	14.00-42.00	0.07-0.13	0.0-2.9	0.0-0.5	.20	.37			
	28-36	79-84	10-20	1-8	1.45-1.65	14.00-141.00	0.04-0.13	0.0-2.9	0.0-0.5	.15	.24			
	36-80	79-84	10-20	1-6	1.45-1.65	14.00-141.00	0.03-0.13	0.0-2.9	0.0-0.5	.15	.24			
WcB:														
Wapping	0-11	43-66	30-45	4-12	1.20-1.40	4.00-14.00	0.13-0.17	0.0-2.9	2.0-6.0	.32	.43	3	6	48
	11-16	33-66	30-55	2-12	1.20-1.40	4.00-14.00	0.13-0.21	0.0-2.9	0.5-1.5	.49	.55			
	16-20	35-68	30-55	2-10	1.20-1.40	4.00-14.00	0.13-0.21	0.0-2.9	0.0-1.0	.55	.64			
	20-28	62-74	18-36	1-8	1.45-1.60	14.00-42.00	0.07-0.13	0.0-2.9	0.0-0.5	.20	.37			
	28-36	79-84	10-20	1-8	1.45-1.65	14.00-141.00	0.04-0.13	0.0-2.9	0.0-0.5	.15	.24			
	36-80	79-84	10-20	1-6	1.45-1.65	14.00-141.00	0.03-0.13	0.0-2.9	0.0-0.5	.15	.24			
WdB:														
Wapping	0-11	43-66	30-45	4-12	1.20-1.40	4.00-14.00	0.13-0.17	0.0-2.9	2.0-6.0	.32	.43	3	6	48
	11-16	33-66	30-55	2-12	1.20-1.40	4.00-14.00	0.13-0.21	0.0-2.9	0.5-1.5	.49	.55			
	16-20	35-68	30-55	2-10	1.20-1.40	4.00-14.00	0.13-0.21	0.0-2.9	0.0-1.0	.55	.64			
	20-28	62-74	18-36	1-8	1.45-1.60	14.00-42.00	0.07-0.13	0.0-2.9	0.0-0.5	.20	.37			
	28-36	79-84	10-20	1-8	1.45-1.65	14.00-141.00	0.04-0.13	0.0-2.9	0.0-0.5	.15	.24			
	36-80	79-84	10-20	1-6	1.45-1.65	14.00-141.00	0.03-0.13	0.0-2.9	0.0-0.5	.15	.24			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
WgA:														
Windsor	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	5	2	134
	1-3	64-86	10-25	1-4	1.45-1.60	42.00-141.00	0.05-0.08	0.0-2.9	1.0-4.0	.17	.17			
	3-9	74-86	10-25	1-4	1.45-1.60	42.00-141.00	0.05-0.11	0.0-2.9	0.5-1.0	.10	.10			
	9-21	74-86	10-25	1-4	1.45-1.60	42.00-141.00	0.05-0.11	0.0-2.9	0.5-1.0	.10	.10			
	21-25	77-95	5-20	0-3	1.45-1.60	42.00-703.00	0.04-0.08	0.0-2.9	0.0-0.5	.15	.15			
	25-65	78-95	5-20	0-2	1.45-1.60	42.00-703.00	0.04-0.08	0.0-2.9	0.0-0.5	.15	.17			
WgB:														
Windsor	0-1	0	0	0	0.30-0.55	42.00-141.00	0.08-0.40	0.0-20.0	45-95	---	---	5	2	134
	1-3	64-86	10-25	1-4	1.45-1.60	42.00-141.00	0.05-0.08	0.0-2.9	1.0-4.0	.17	.17			
	3-9	74-86	10-25	1-4	1.45-1.60	42.00-141.00	0.05-0.11	0.0-2.9	0.5-1.0	.10	.10			
	9-21	74-86	10-25	1-4	1.45-1.60	42.00-141.00	0.05-0.11	0.0-2.9	0.5-1.0	.10	.10			
	21-25	77-95	5-20	0-3	1.45-1.60	42.00-703.00	0.04-0.08	0.0-2.9	0.0-0.5	.15	.15			
	25-65	78-95	5-20	0-2	1.45-1.60	42.00-703.00	0.04-0.08	0.0-2.9	0.0-0.5	.15	.17			
WhA:														
Woodbridge	0-7	57-68	20-40	3-12	1.00-1.25	4.00-14.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	3	86
	7-18	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	1.0-3.0	.24	.37			
	18-26	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.0	.24	.37			
	26-30	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.24	.37			
	30-43	48-70	27-40	3-12	1.70-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.32	.43			
	43-65	48-70	27-40	3-12	1.70-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.32	.43			

Physical Soil Properties

State of Rhode Island: Bristol, Kent, Newport, Providence, and Washington Counties

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
	<i>In</i>	<i>Pct</i>	<i>Pct</i>	<i>Pct</i>	<i>g/cc</i>	<i>micro m/sec</i>	<i>In/In</i>	<i>Pct</i>	<i>Pct</i>					
WhB:														
Woodbridge	0-7	57-68	20-40	3-12	1.00-1.25	4.00-14.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	3	86
	7-18	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	1.0-3.0	.24	.37			
	18-26	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.0	.24	.37			
	26-30	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.24	.37			
	30-43	48-70	27-40	3-12	1.70-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.32	.43			
	43-65	48-70	27-40	3-12	1.70-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.32	.43			
WoB:														
Woodbridge	0-7	57-68	20-40	3-12	1.00-1.25	4.00-14.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	7-18	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	1.0-3.0	.24	.37			
	18-26	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.0	.24	.37			
	26-30	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.24	.37			
	30-43	48-70	27-40	3-12	1.70-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.32	.43			
	43-65	48-70	27-40	3-12	1.70-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.32	.43			
WrB:														
Woodbridge	0-7	57-68	20-40	3-12	1.00-1.25	4.00-14.00	0.12-0.14	0.0-2.9	2.0-6.0	.17	.24	3	5	56
	7-18	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	1.0-3.0	.24	.37			
	18-26	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.5-1.0	.24	.37			
	26-30	48-70	27-40	3-12	1.35-1.60	4.00-14.00	0.08-0.17	0.0-2.9	0.0-0.5	.24	.37			
	30-43	48-70	27-40	3-12	1.70-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.32	.43			
	43-65	48-70	27-40	3-12	1.70-2.00	0.01-1.40	0.05-0.10	0.0-2.9	0.0-0.5	.32	.43			