

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
Aa:								
Adrian	0-20	108-155	---	5.1-7.3	---	---	---	---
	20-60	1.0-7.7	---	5.6-8.4	---	---	---	---
AfA:								
Agawam	0-8	2.2-5.5	---	4.5-6.5	0	0	0.0	0
	8-14	0.6-5.5	---	4.5-6.5	0	0	0.0	0
	14-24	0.5-3.2	---	4.5-6.5	0	0	0.0	0
	24-60	0.0-0.6	---	4.5-6.5	0	0	0.0	0
AfB:								
Agawam	0-8	2.2-5.5	---	4.5-6.5	0	0	0.0	0
	8-14	0.6-5.5	---	4.5-6.5	0	0	0.0	0
	14-24	0.5-3.2	---	4.5-6.5	0	0	0.0	0
	24-60	0.0-0.6	---	4.5-6.5	0	0	0.0	0
Ba:								
Beaches	---	---	---	---	---	---	---	---
Udipsamments, Udipsamments-undulating	---	---	---	---	---	---	---	---
Bc:								
Birchwood	0-10	1.1-4.8	---	4.5-6.5	---	---	---	---
	10-24	1.0-2.9	---	4.5-6.5	---	---	---	---
	24-60	2.0-11	---	4.5-6.5	---	---	---	---
BhA:								
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---
BhB:								
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---
BmA:								
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---

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BmB:								
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---
BnB:								
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
BnC:								
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
BoC:								
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
BrA:								
Broadbrook	0-8	---	1.0-3.9	4.5-6.0	0	0	0.0	0
	8-14	---	1.1-4.3	4.5-6.0	0	0	0.0	0
	14-25	---	1.2-6.8	4.5-6.0	0	0	0.0	0
	25-65	---	0.5-5.3	4.5-6.0	0	0	0.0	0

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	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
BrB:								
Broadbrook	0-8	---	1.0-3.9	4.5-6.0	0	0	0.0	0
	8-14	---	1.1-4.3	4.5-6.0	0	0	0.0	0
	14-25	---	1.2-6.8	4.5-6.0	0	0	0.0	0
	25-65	---	0.5-5.3	4.5-6.0	0	0	0.0	0
BsB:								
Broadbrook	0-8	---	1.0-3.9	4.5-6.0	0	0	0.0	0
	8-14	---	1.1-4.3	4.5-6.0	0	0	0.0	0
	14-25	---	1.2-6.8	4.5-6.0	0	0	0.0	0
	25-65	---	0.5-5.3	4.5-6.0	0	0	0.0	0
CaC:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
Rock outcrop	0-1	---	---	---	---	---	---	---
CaD:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
Rock outcrop	0-1	---	---	---	---	---	---	---

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Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
CB:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Urban land	0-6	---	---	---	---	---	---	---
CC:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Urban land	0-6	---	---	---	---	---	---	---
CdA:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
CdB:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0

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	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
CdB:								
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
CdC:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
CeC:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
ChB:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0

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ChB:								
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
ChC:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
ChD:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
CkC:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0

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CkC:								
Charlton	0-4	1.7-4.5	---	4.5-6.0	0	0	0.0	0
	4-7	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	7-19	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	19-27	1.6-4.3	---	4.5-6.0	0	0	0.0	0
	27-65	0.5-4.3	---	4.5-6.0	0	0	0.0	0
Co:								
Carlisle	0-66	102-160	---	4.5-7.8	---	---	---	---
Dc:								
Deerfield	0-8	1.9-6.4	---	4.5-6.5	0	0	0.0	0
	8-16	1.0-5.7	---	4.5-6.5	0	0	0.0	0
	16-28	0.8-5.4	---	4.5-6.5	0	0	0.0	0
	28-34	0.0-4.0	---	4.5-6.5	0	0	0.0	0
	34-60	0.0-3.1	---	4.5-6.5	0	0	0.0	0
Du:								
Dumps	---	---	---	---	---	---	---	---
EfA:								
Enfield	0-3	---	32-71	4.5-5.5	0	0	0.0	0
	3-4	---	32-71	4.5-5.5	0	0	0.0	0
	4-12	1.7-6.7	---	4.5-6.0	0	0	0.0	0
	12-20	1.6-6.5	---	4.5-6.0	0	0	0.0	0
	20-26	1.6-6.5	---	4.5-6.0	0	0	0.0	0
	26-30	1.6-6.4	---	4.5-6.0	0	0	0.0	0
	30-37	0.0-3.2	---	4.5-6.0	0	0	0.0	0
	37-65	0.0-1.1	---	4.5-6.0	0	0	0.0	0
EfB:								
Enfield	0-3	---	32-71	4.5-5.5	0	0	0.0	0
	3-4	---	32-71	4.5-5.5	0	0	0.0	0
	4-12	1.7-6.7	---	4.5-6.0	0	0	0.0	0
	12-20	1.6-6.5	---	4.5-6.0	0	0	0.0	0
	20-26	1.6-6.5	---	4.5-6.0	0	0	0.0	0
	26-30	1.6-6.4	---	4.5-6.0	0	0	0.0	0
	30-37	0.0-3.2	---	4.5-6.0	0	0	0.0	0
	37-65	0.0-1.1	---	4.5-6.0	0	0	0.0	0

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
GBC:								
Gloucester	0-4	---	1.3-6.0	3.5-6.0	0	0	0.0	0
	4-12	1.1-6.5	---	4.5-6.0	0	0	0.0	0
	12-25	0.0-3.9	---	4.5-6.0	0	0	0.0	0
	25-35	0.0-3.9	---	4.5-6.0	0	0	0.0	0
	35-60	0.0-3.9	---	4.5-6.0	0	0	0.0	0
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---
GBD:								
Gloucester	0-4	---	1.3-6.0	3.5-6.0	0	0	0.0	0
	4-12	1.1-6.5	---	4.5-6.0	0	0	0.0	0
	12-25	0.0-3.9	---	4.5-6.0	0	0	0.0	0
	25-35	0.0-3.9	---	4.5-6.0	0	0	0.0	0
	35-60	0.0-3.9	---	4.5-6.0	0	0	0.0	0
Bridgehampton	0-8	---	---	4.5-6.0	---	---	---	---
	8-41	---	---	4.5-6.0	---	---	---	---
	41-60	---	---	4.5-6.0	---	---	---	---
GhC:								
Gloucester	0-4	---	1.3-6.0	3.5-6.0	0	0	0.0	0
	4-12	1.1-6.5	---	4.5-6.0	0	0	0.0	0
	12-25	0.0-3.9	---	4.5-6.0	0	0	0.0	0
	25-35	0.0-3.9	---	4.5-6.0	0	0	0.0	0
	35-60	0.0-3.9	---	4.5-6.0	0	0	0.0	0
Hinckley	0-8	---	2.3-6.7	3.5-6.0	0	0	0.0	0
	8-20	---	0.4-2.5	3.5-6.0	0	0	0.0	0
	20-27	---	0.1-1.6	3.5-6.0	0	0	0.0	0
	27-42	---	0.0-1.1	3.5-6.0	0	0	0.0	0
	42-60	---	0.0-1.1	3.5-6.0	0	0	0.0	0
GhD:								
Gloucester	0-4	---	1.3-6.0	3.5-6.0	0	0	0.0	0
	4-12	1.1-6.5	---	4.5-6.0	0	0	0.0	0
	12-25	0.0-3.9	---	4.5-6.0	0	0	0.0	0
	25-35	0.0-3.9	---	4.5-6.0	0	0	0.0	0
	35-60	0.0-3.9	---	4.5-6.0	0	0	0.0	0

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
GhD:								
Hinckley	0-8	---	2.3-6.7	3.5-6.0	0	0	0.0	0
	8-20	---	0.4-2.5	3.5-6.0	0	0	0.0	0
	20-27	---	0.1-1.6	3.5-6.0	0	0	0.0	0
	27-42	---	0.0-1.1	3.5-6.0	0	0	0.0	0
	42-60	---	0.0-1.1	3.5-6.0	0	0	0.0	0
HkA:								
Hinckley	0-8	---	2.3-6.7	3.5-6.0	0	0	0.0	0
	8-20	---	0.4-2.5	3.5-6.0	0	0	0.0	0
	20-27	---	0.1-1.6	3.5-6.0	0	0	0.0	0
	27-42	---	0.0-1.1	3.5-6.0	0	0	0.0	0
	42-60	---	0.0-1.1	3.5-6.0	0	0	0.0	0
HkC:								
Hinckley	0-8	---	2.3-6.7	3.5-6.0	0	0	0.0	0
	8-20	---	0.4-2.5	3.5-6.0	0	0	0.0	0
	20-27	---	0.1-1.6	3.5-6.0	0	0	0.0	0
	27-42	---	0.0-1.1	3.5-6.0	0	0	0.0	0
	42-60	---	0.0-1.1	3.5-6.0	0	0	0.0	0
HkD:								
Hinckley	0-8	---	2.3-6.7	3.5-6.0	0	0	0.0	0
	8-20	---	0.4-2.5	3.5-6.0	0	0	0.0	0
	20-27	---	0.1-1.6	3.5-6.0	0	0	0.0	0
	27-42	---	0.0-1.1	3.5-6.0	0	0	0.0	0
	42-60	---	0.0-1.1	3.5-6.0	0	0	0.0	0
HnC:								
Hinckley	0-8	---	2.3-6.7	3.5-6.0	0	0	0.0	0
	8-20	---	0.4-2.5	3.5-6.0	0	0	0.0	0
	20-27	---	0.1-1.6	3.5-6.0	0	0	0.0	0
	27-42	---	0.0-1.1	3.5-6.0	0	0	0.0	0
	42-60	---	0.0-1.1	3.5-6.0	0	0	0.0	0
Enfield	0-3	---	32-71	4.5-5.5	0	0	0.0	0
	3-4	---	32-71	4.5-5.5	0	0	0.0	0
	4-12	1.7-6.7	---	4.5-6.0	0	0	0.0	0
	12-20	1.6-6.5	---	4.5-6.0	0	0	0.0	0
	20-26	1.6-6.5	---	4.5-6.0	0	0	0.0	0
	26-30	1.6-6.4	---	4.5-6.0	0	0	0.0	0
	30-37	0.0-3.2	---	4.5-6.0	0	0	0.0	0
	37-65	0.0-1.1	---	4.5-6.0	0	0	0.0	0

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
Ip:								
Ipswich	0-11	65-88	---	5.1-7.8	---	---	16.0-60.0	---
	11-46	73-118	---	5.1-7.8	---	---	16.0-60.0	---
	46-70	102-160	---	5.1-7.8	---	---	16.0-60.0	---
LgC:								
Lippitt	0-5	---	---	4.5-6.0	---	---	---	---
	5-16	---	---	4.5-6.0	---	---	---	---
	16-26	---	---	4.5-6.0	---	---	---	---
	26-72	---	---	---	---	---	---	---
	72-76	---	---	---	---	---	---	---
Ma:								
Mansfield	0-8	27-45	---	4.5-6.5	---	---	---	---
	8-15	1.6-14	---	5.1-7.3	---	---	---	---
	15-60	1.6-7.3	---	5.1-7.3	---	---	---	---
Mc:								
Mansfield	0-8	27-45	---	4.5-6.5	---	---	---	---
	8-15	1.6-14	---	5.1-7.3	---	---	---	---
	15-60	1.6-7.3	---	5.1-7.3	---	---	---	---
Mk:								
Matunuck	0-12	35-126	---	5.1-7.8	---	---	2.0-16.0	---
	12-18	1.0-8.7	---	5.1-7.8	---	---	2.0-16.0	---
	18-72	0.0-1.9	---	5.1-7.8	---	---	2.0-16.0	---
MmA:								
Merrimac	0-9	2.8-6.9	---	5.1-6.5	0	0	0.0	0
	9-16	1.1-3.6	---	5.6-6.0	0	0	0.0	0
	16-24	1.1-3.6	---	5.6-6.0	0	0	0.0	0
	24-60	0.0-2.6	---	5.6-6.0	0	0	0.0	0
MmB:								
Merrimac	0-9	2.8-6.9	---	5.1-6.5	0	0	0.0	0
	9-16	1.1-3.6	---	5.6-6.0	0	0	0.0	0
	16-24	1.1-3.6	---	5.6-6.0	0	0	0.0	0
	24-60	0.0-2.6	---	5.6-6.0	0	0	0.0	0
MU:								
Merrimac	0-9	2.8-6.9	---	5.1-6.5	0	0	0.0	0
	9-16	1.1-3.6	---	5.6-6.0	0	0	0.0	0
	16-24	1.1-3.6	---	5.6-6.0	0	0	0.0	0
	24-60	0.0-2.6	---	5.6-6.0	0	0	0.0	0

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
MU:								
Urban land	0-6	---	---	---	---	---	---	---
NaA:								
Narragansett	0-6	---	0.8-2.5	4.5-6.0	0	0	0.0	0
	6-15	---	0.9-2.7	4.5-6.0	0	0	0.0	0
	15-24	---	0.9-2.9	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-4.3	4.5-6.0	0	0	0.0	0
	28-60	---	0.0-0.7	4.5-6.0	0	0	0.0	0
NaB:								
Narragansett	0-6	---	0.8-2.5	4.5-6.0	0	0	0.0	0
	6-15	---	0.9-2.7	4.5-6.0	0	0	0.0	0
	15-24	---	0.9-2.9	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-4.3	4.5-6.0	0	0	0.0	0
	28-60	---	0.0-0.7	4.5-6.0	0	0	0.0	0
NbB:								
Narragansett	0-6	---	0.8-2.5	4.5-6.0	0	0	0.0	0
	6-15	---	0.9-2.7	4.5-6.0	0	0	0.0	0
	15-24	---	0.9-2.9	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-4.3	4.5-6.0	0	0	0.0	0
	28-60	---	0.0-0.7	4.5-6.0	0	0	0.0	0
NbC:								
Narragansett	0-6	---	0.8-2.5	4.5-6.0	0	0	0.0	0
	6-15	---	0.9-2.7	4.5-6.0	0	0	0.0	0
	15-24	---	0.9-2.9	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-4.3	4.5-6.0	0	0	0.0	0
	28-60	---	0.0-0.7	4.5-6.0	0	0	0.0	0
NcC:								
Narragansett	0-6	---	0.8-2.5	4.5-6.0	0	0	0.0	0
	6-15	---	0.9-2.7	4.5-6.0	0	0	0.0	0
	15-24	---	0.9-2.9	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-4.3	4.5-6.0	0	0	0.0	0
	28-60	---	0.0-0.7	4.5-6.0	0	0	0.0	0
NeA:								
Newport	0-8	---	---	4.5-6.0	---	---	---	---
	8-24	---	---	4.5-6.0	---	---	---	---
	24-65	---	---	4.5-6.0	---	---	---	---

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
NeB:								
Newport	0-8	---	---	4.5-6.0	---	---	---	---
	8-24	---	---	4.5-6.0	---	---	---	---
	24-65	---	---	4.5-6.0	---	---	---	---
NeC:								
Newport	0-8	---	---	4.5-6.0	---	---	---	---
	8-24	---	---	4.5-6.0	---	---	---	---
	24-65	---	---	4.5-6.0	---	---	---	---
NfB:								
Newport	0-8	---	---	4.5-6.0	---	---	---	---
	8-24	---	---	4.5-6.0	---	---	---	---
	24-65	---	---	4.5-6.0	---	---	---	---
NoC:								
Newport	0-8	---	---	4.5-6.0	---	---	---	---
	8-24	---	---	4.5-6.0	---	---	---	---
	24-65	---	---	4.5-6.0	---	---	---	---
NP:								
Newport	0-8	---	---	4.5-6.0	---	---	---	---
	8-24	---	---	4.5-6.0	---	---	---	---
	24-65	---	---	4.5-6.0	---	---	---	---
Urban land	0-6	---	---	---	---	---	---	---
Nt:								
Ninigret	0-8	---	0.6-3.1	4.5-6.0	0	0	0.0	0
	8-16	---	0.6-3.6	4.5-6.0	0	0	0.0	0
	16-26	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	26-65	0.0-1.1	---	4.5-6.5	0	0	0.0	0
PaA:								
Paxton	0-8	1.7-6.6	---	4.5-6.5	0	0	0.0	0
	8-15	---	0.6-3.6	4.5-6.0	0	0	0.0	0
	15-26	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0
PaB:								
Paxton	0-8	1.7-6.6	---	4.5-6.5	0	0	0.0	0
	8-15	---	0.6-3.6	4.5-6.0	0	0	0.0	0
	15-26	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
PbB:								
Paxton	0-8	1.7-6.6	---	4.5-6.5	0	0	0.0	0
	8-15	---	0.6-3.6	4.5-6.0	0	0	0.0	0
	15-26	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0
PbC:								
Paxton	0-8	1.7-6.6	---	4.5-6.5	0	0	0.0	0
	8-15	---	0.6-3.6	4.5-6.0	0	0	0.0	0
	15-26	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0
PcC:								
Paxton	0-8	1.7-6.6	---	4.5-6.5	0	0	0.0	0
	8-15	---	0.6-3.6	4.5-6.0	0	0	0.0	0
	15-26	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0
PD:								
Paxton	0-8	1.7-6.6	---	4.5-6.5	0	0	0.0	0
	8-15	---	0.6-3.6	4.5-6.0	0	0	0.0	0
	15-26	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0
Urban land	0-6	---	---	---	---	---	---	---
Pg:								
Pits	---	---	---	---	---	---	---	---
Urban land	---	---	---	---	---	---	---	---
Pk:								
Pits	---	---	---	---	---	---	---	---
PmA:								
Pittstown	0-8	---	---	4.5-6.0	---	---	---	---
	8-28	---	---	4.5-6.0	---	---	---	---
	28-60	---	---	4.5-6.0	---	---	---	---
PmB:								
Pittstown	0-8	---	---	4.5-6.0	---	---	---	---
	8-28	---	---	4.5-6.0	---	---	---	---
	28-60	---	---	4.5-6.0	---	---	---	---

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
PnB:								
Pittstown	0-8	---	---	4.5-6.0	---	---	---	---
	8-28	---	---	4.5-6.0	---	---	---	---
	28-60	---	---	4.5-6.0	---	---	---	---
Pp:								
Pootatuck	0-12	2.2-6.2	---	4.5-7.3	---	---	---	---
	12-38	1.1-5.4	---	4.5-6.5	---	---	---	---
	38-65	0.0-1.9	---	4.5-6.5	---	---	---	---
PsA:								
Poquonock	0-8	---	0.8-4.0	4.5-6.0	---	---	---	---
	8-28	---	0.4-2.8	4.5-6.0	---	---	---	---
	28-60	---	0.2-3.4	4.5-6.0	---	---	---	---
PsB:								
Poquonock	0-8	---	0.8-4.0	4.5-6.0	---	---	---	---
	8-28	---	0.4-2.8	4.5-6.0	---	---	---	---
	28-60	---	0.2-3.4	4.5-6.0	---	---	---	---
QoA:								
Quonset	0-3	---	1.3-6.0	3.6-5.5	---	---	---	---
	3-16	---	0.4-2.3	3.6-6.0	---	---	---	---
	16-60	0.0-1.8	---	5.1-6.5	---	---	---	---
QoC:								
Quonset	0-3	---	1.3-6.0	3.6-5.5	---	---	---	---
	3-16	---	0.4-2.3	3.6-6.0	---	---	---	---
	16-60	0.0-1.8	---	5.1-6.5	---	---	---	---
RaA:								
Rainbow	0-6	---	1.0-3.1	4.5-6.0	0	0	0.0	0
	6-18	---	0.4-3.6	4.5-6.0	0	0	0.0	0
	18-26	---	0.5-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.5-5.3	4.5-6.0	0	0	0.0	0
RaB:								
Rainbow	0-6	---	1.0-3.1	4.5-6.0	0	0	0.0	0
	6-18	---	0.4-3.6	4.5-6.0	0	0	0.0	0
	18-26	---	0.5-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.5-5.3	4.5-6.0	0	0	0.0	0

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
RbB:								
Rainbow	0-6	---	1.0-3.1	4.5-6.0	0	0	0.0	0
	6-18	---	0.4-3.6	4.5-6.0	0	0	0.0	0
	18-26	---	0.5-5.3	4.5-6.0	0	0	0.0	0
	26-65	---	0.5-5.3	4.5-6.0	0	0	0.0	0
Rc:								
Raypol	0-4	---	---	4.5-5.5	---	---	---	---
	4-22	---	---	4.5-5.5	---	---	---	---
	22-65	---	---	4.5-5.5	---	---	---	---
Re:								
Ridgebury	0-5	1.7-5.6	---	4.5-6.0	0	0	0.0	0
	5-14	1.0-4.3	---	4.5-6.0	0	0	0.0	0
	14-21	1.0-4.3	---	4.5-6.0	0	0	0.0	0
	21-60	1.0-4.3	---	4.5-6.0	0	0	0.0	0
Rf:								
Leicester	0-7	---	0.5-2.4	4.5-5.5	0	0	0.0	0
	7-10	---	0.6-2.9	4.5-5.5	0	0	0.0	0
	10-18	---	0.7-4.3	4.5-5.5	0	0	0.0	0
	18-24	---	0.7-4.3	4.5-5.5	0	0	0.0	0
	24-43	1.0-3.8	---	4.5-6.0	0	0	0.0	0
	43-65	1.0-3.8	---	4.5-6.0	0	0	0.0	0
Ridgebury	0-5	1.7-5.6	---	4.5-6.0	0	0	0.0	0
	5-14	1.0-4.3	---	4.5-6.0	0	0	0.0	0
	14-21	1.0-4.3	---	4.5-6.0	0	0	0.0	0
	21-60	1.0-4.3	---	4.5-6.0	0	0	0.0	0
Whitman	0-1	---	17-99	4.5-6.0	0	0	0.0	0
	1-9	2.8-6.7	---	4.5-6.5	0	0	0.0	0
	9-16	1.0-6.5	---	4.5-6.5	0	0	0.0	0
	16-22	1.0-4.3	---	4.5-6.5	0	0	0.0	0
	22-60	1.0-4.3	---	4.5-6.5	0	0	0.0	0
Rk:								
Rock outcrop	0-1	---	---	---	---	---	---	---
Beaches	---	---	---	---	---	---	---	---
Rp:								
Rock outcrop	0-1	---	---	---	---	---	---	---

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
Rp:								
Canton	0-1	---	16-63	3.5-5.0	0	0	0.0	0
	1-3	---	0.1-1.4	3.5-6.0	0	0	0.0	0
	3-15	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	15-24	---	0.2-1.5	3.5-6.0	0	0	0.0	0
	24-30	---	0.2-1.8	3.5-6.0	0	0	0.0	0
	30-60	0.0-1.9	---	3.5-6.0	0	0	0.0	0
Ru:								
Rippowam	0-5	2.2-6.1	---	4.5-7.3	0	0	0.0	0
	5-12	1.1-5.9	---	4.5-7.3	0	0	0.0	0
	12-19	1.1-5.6	---	4.5-7.3	0	0	0.0	0
	19-24	1.0-5.6	---	4.5-7.3	0	0	0.0	0
	24-27	1.0-5.5	---	5.6-7.3	0	0	0.0	0
	27-31	0.0-2.0	---	5.6-7.3	0	0	0.0	0
	31-65	0.0-2.0	---	5.6-7.3	0	0	0.0	0
Sb:								
Scarboro	0-12	---	32-99	4.5-6.0	0	0	0.0	0
	12-17	---	1.0-6.9	4.5-6.0	0	0	0.0	0
	17-31	---	0.1-3.6	4.5-6.0	0	0	0.0	0
	31-72	0.0-1.9	---	4.5-7.3	0	0	0.0	0
ScA:								
Scio	0-9	---	---	4.5-6.0	---	---	---	---
	9-46	---	---	4.5-6.0	---	---	---	---
	46-60	0.0-3.9	---	5.1-7.8	---	---	---	---
SdB:								
Scio	0-9	---	---	4.5-6.0	---	---	---	---
	9-46	---	---	4.5-6.0	---	---	---	---
	46-60	0.0-3.9	---	5.1-7.8	---	---	---	---
Se:								
Stissing	0-8	---	---	3.6-6.0	---	---	---	---
	8-15	---	---	3.6-6.0	---	---	---	---
	15-60	---	---	3.6-6.0	---	---	---	---
Sf:								
Stissing	0-8	---	---	3.6-6.0	---	---	---	---
	8-15	---	---	3.6-6.0	---	---	---	---
	15-60	---	---	3.6-6.0	---	---	---	---

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
Ss:								
Sudbury	0-1	---	30-121	4.5-6.5	0	0	0.0	0
	1-5	2.2-6.2	---	4.5-6.5	0	0	0.0	0
	5-17	1.9-6.1	---	4.5-6.5	0	0	0.0	0
	17-25	1.2-5.0	---	4.5-6.5	0	0	0.0	0
	25-60	0.0-2.6	---	4.5-6.5	0	0	0.0	0
StA:								
Sutton	0-6	---	0.8-3.1	4.5-6.0	0	0	0.0	0
	6-12	---	0.8-3.3	4.5-6.0	0	0	0.0	0
	12-24	---	0.9-3.6	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-5.3	4.5-6.0	0	0	0.0	0
	28-36	---	0.5-4.3	4.5-6.0	0	0	0.0	0
	36-65	---	0.5-4.3	4.5-6.0	0	0	0.0	0
StB:								
Sutton	0-6	---	0.8-3.1	4.5-6.0	0	0	0.0	0
	6-12	---	0.8-3.3	4.5-6.0	0	0	0.0	0
	12-24	---	0.9-3.6	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-5.3	4.5-6.0	0	0	0.0	0
	28-36	---	0.5-4.3	4.5-6.0	0	0	0.0	0
	36-65	---	0.5-4.3	4.5-6.0	0	0	0.0	0
SuB:								
Sutton	0-6	---	0.8-3.1	4.5-6.0	0	0	0.0	0
	6-12	---	0.8-3.3	4.5-6.0	0	0	0.0	0
	12-24	---	0.9-3.6	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-5.3	4.5-6.0	0	0	0.0	0
	28-36	---	0.5-4.3	4.5-6.0	0	0	0.0	0
	36-65	---	0.5-4.3	4.5-6.0	0	0	0.0	0
SvB:								
Sutton	0-6	---	0.8-3.1	4.5-6.0	0	0	0.0	0
	6-12	---	0.8-3.3	4.5-6.0	0	0	0.0	0
	12-24	---	0.9-3.6	4.5-6.0	0	0	0.0	0
	24-28	---	0.9-5.3	4.5-6.0	0	0	0.0	0
	28-36	---	0.5-4.3	4.5-6.0	0	0	0.0	0
	36-65	---	0.5-4.3	4.5-6.0	0	0	0.0	0
Tb:								
Tisbury	0-8	---	0.5-3.1	4.5-6.0	0	0	0.0	0
	8-18	---	0.6-3.6	4.5-6.0	0	0	0.0	0
	18-26	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	26-60	---	0.0-1.1	4.5-6.0	0	0	0.0	0

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
UAB:								
Udipsamments	0-65	0.0-1.0	---	5.6-7.8	---	---	0.0	---
Beaches	---	---	---	---	---	---	---	---
UBE:								
Udorthents	0-12	---	---	3.6-6.0	---	---	---	---
	12-25	---	---	3.6-6.0	---	---	---	---
	25-60	---	---	3.6-6.0	---	---	---	---
Beaches	---	---	---	---	---	---	---	---
UD:								
Udorthents	0-12	---	---	3.6-6.0	---	---	---	---
	12-25	---	---	3.6-6.0	---	---	---	---
	25-60	---	---	3.6-6.0	---	---	---	---
Urban land	0-6	---	---	---	---	---	---	---
Ur:								
Urban land	---	---	---	---	---	---	---	---
W:								
Water	---	---	---	---	---	---	---	---
Wa:								
Walpole	0-1	---	30-162	4.5-7.3	0	0	0.0	0
	1-7	1.9-5.4	---	4.5-7.3	0	0	0.0	0
	7-21	1.2-4.9	---	4.5-7.3	0	0	0.0	0
	21-25	0.0-1.9	---	4.5-7.3	0	0	0.0	0
	25-41	0.0-1.9	---	4.5-7.3	0	0	0.0	0
	41-65	0.0-1.9	---	4.5-7.3	0	0	0.0	0
WbA:								
Wapping	0-11	2.2-6.7	---	4.5-6.0	0	0	0.0	0
	11-16	1.1-6.5	---	4.5-6.0	0	0	0.0	0
	16-20	1.0-5.4	---	4.5-6.0	0	0	0.0	0
	20-28	0.5-4.3	---	4.5-6.0	0	0	0.0	0
	28-36	0.5-4.3	---	4.5-6.0	0	0	0.0	0
	36-80	0.5-3.2	---	4.5-6.0	0	0	0.0	0

Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation-exchange capacity	Effective cation-exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
WbB:								
Wapping	0-11	2.2-6.7	---	4.5-6.0	0	0	0.0	0
	11-16	1.1-6.5	---	4.5-6.0	0	0	0.0	0
	16-20	1.0-5.4	---	4.5-6.0	0	0	0.0	0
	20-28	0.5-4.3	---	4.5-6.0	0	0	0.0	0
	28-36	0.5-4.3	---	4.5-6.0	0	0	0.0	0
	36-80	0.5-3.2	---	4.5-6.0	0	0	0.0	0
WcB:								
Wapping	0-11	2.2-6.7	---	4.5-6.0	0	0	0.0	0
	11-16	1.1-6.5	---	4.5-6.0	0	0	0.0	0
	16-20	1.0-5.4	---	4.5-6.0	0	0	0.0	0
	20-28	0.5-4.3	---	4.5-6.0	0	0	0.0	0
	28-36	0.5-4.3	---	4.5-6.0	0	0	0.0	0
	36-80	0.5-3.2	---	4.5-6.0	0	0	0.0	0
WdB:								
Wapping	0-11	2.2-6.7	---	4.5-6.0	0	0	0.0	0
	11-16	1.1-6.5	---	4.5-6.0	0	0	0.0	0
	16-20	1.0-5.4	---	4.5-6.0	0	0	0.0	0
	20-28	0.5-4.3	---	4.5-6.0	0	0	0.0	0
	28-36	0.5-4.3	---	4.5-6.0	0	0	0.0	0
	36-80	0.5-3.2	---	4.5-6.0	0	0	0.0	0
WgA:								
Windsor	0-1	---	30-99	4.5-6.0	0	0	0.0	0
	1-3	---	0.6-3.1	4.5-6.0	0	0	0.0	0
	3-9	---	0.4-1.8	4.5-6.0	0	0	0.0	0
	9-21	---	0.4-1.8	4.5-6.0	0	0	0.0	0
	21-25	0.0-2.6	---	4.5-6.5	0	0	0.0	0
	25-65	0.0-1.8	---	4.5-6.5	0	0	0.0	0
WgB:								
Windsor	0-1	---	30-99	4.5-6.0	0	0	0.0	0
	1-3	---	0.6-3.1	4.5-6.0	0	0	0.0	0
	3-9	---	0.4-1.8	4.5-6.0	0	0	0.0	0
	9-21	---	0.4-1.8	4.5-6.0	0	0	0.0	0
	21-25	0.0-2.6	---	4.5-6.5	0	0	0.0	0
	25-65	0.0-1.8	---	4.5-6.5	0	0	0.0	0

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	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
WhA:								
Woodbridge	0-7	---	0.5-3.1	4.5-6.0	0	0	0.0	0
	7-18	---	0.6-3.3	4.5-6.0	0	0	0.0	0
	18-26	---	0.7-3.6	4.5-6.0	0	0	0.0	0
	26-30	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	30-43	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	43-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0
WhB:								
Woodbridge	0-7	---	0.5-3.1	4.5-6.0	0	0	0.0	0
	7-18	---	0.6-3.3	4.5-6.0	0	0	0.0	0
	18-26	---	0.7-3.6	4.5-6.0	0	0	0.0	0
	26-30	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	30-43	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	43-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0
WoB:								
Woodbridge	0-7	---	0.5-3.1	4.5-6.0	0	0	0.0	0
	7-18	---	0.6-3.3	4.5-6.0	0	0	0.0	0
	18-26	---	0.7-3.6	4.5-6.0	0	0	0.0	0
	26-30	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	30-43	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	43-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0
WrB:								
Woodbridge	0-7	---	0.5-3.1	4.5-6.0	0	0	0.0	0
	7-18	---	0.6-3.3	4.5-6.0	0	0	0.0	0
	18-26	---	0.7-3.6	4.5-6.0	0	0	0.0	0
	26-30	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	30-43	---	0.7-5.3	4.5-6.0	0	0	0.0	0
	43-65	---	0.7-5.3	4.5-6.0	0	0	0.0	0