



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

Warwick
Rhode Island

HYDRIC

SOIL MAP UNITS

OF RHODE ISLAND

HYDRIC SOILS LIST FOR RHODE ISLAND

INTRODUCTION

Hydric soils develop under conditions sufficiently wet to support the growth and regeneration of hydrophytic vegetation. Some areas of these soils may have been drained and therefore do not support predominantly hydrophytic vegetation and are not wetland. Only those soils that are saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper part are considered hydric. The criteria used to determine which soil map units are composed dominantly of hydric soils are based on selected soil properties. These properties are documented in *Soil Taxonomy* and the State Soil Survey Database.

This list of Rhode Island soil map units that qualify as hydric soils has applications for agriculture and nonagricultural purposes. These applications include land-use planning, mapping, classifying and delineating wetlands, mitigation planning, and hydrophytic vegetation and hydrology indicators, are part of the procedure for identifying wetlands as described in the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, sexual orientation, and marital or familial status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326W Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410, or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

HYDRIC SOIL DEFINITION

(Federal Register 1994):

A hydric soil is a soil that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part.

HYDRIC SOIL CRITERIA

(Federal Register 1995):

Criteria 1. All Histosols except Folist, or

Criteria 2. Soils in aquic suborders, great group, or subgroup, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:

- a.) Somewhat poorly drained with a water table equal to 0.0 feet from the surface during the growing season, or
- b.) Poorly drained or very poorly drained soils that have either:
 - (1) water table at equal to 0.0 feet from the surface during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches, or for other soils
 - (2) water table at less than or equal to 0.5 feet from the surface during the growing season if permeability is equal to or greater than 6.0 inches/hour in all layers within 20 inches, or
 - (3) water table at less than or equal to 1.0 feet from the surface during the growing season if permeability is less than 6.0 inches/hour in any layer within 20 inches, or

Criteria 3. Soils that are frequently ponded for long duration or very long duration during the growing season, or

Criteria 4. Soils that are frequently flooded for long duration or very long duration during the growing season.

HYDRIC SOILS LIST

The list of soil map units on the following page is referenced to the Soil Survey of Rhode Island (USDA, Natural Resources Conservation Service , July 1981) or any updates thereof.

Note: This list constitutes both of the "State" list of hydric soil map units and the "County" hydric soil map unit list for each of Rhode Island's five counties.

Key to Hydric Soil List Column Headings

MAP SYM - Alpha symbols shown refer to soil map units as listed in the Soil Survey of Rhode Island (USDA, Natural Resources Conservation Service, July 1981)

MAP NAME - Name of soil map unit, including slope and stoniness phases.

COMPONENT/INCLUSION - List of component(s) within the map unit, followed by other soils that occur as small inclusions in the map unit. Inclusions designated with and (I).

HYD? - Does map unit component meet the criteria for a hydric soil?

Y = yes, N = no, U = unrated

Soil map units that contain more than one soil may have different hydric ratings for each soil. Some map units consist of one, or more, soil(s) that are hydric and one, or more, that are not.

HYD, LANDFORM - probable landscape position of the hydric soils in a map unit.

DP = Depressions and drainage ways

FP = Flood Plain

OP = Out wash Plains

SM = Salt Marsh

SW = Swamp

HYDRIC CRITERIA - See criteria listed under the definition of hydric soils.

WOODED NAT. COND - Soil supports woody vegetation under natural conditions. An "X" next to the named soil indicates this soil is wooded under natural conditions. Entries are only made for hydric soils.

FARMED - NAT. COND - Can be farmed under natural conditions without removing woody vegetation or other manipulation.

HYDRIC SOILS LIST

for

STATE OF RHODE ISLAND

(Bristol, Kent, Newport, Providence, and Washington Counties)

Map Units with Hydric Components are listed first. Map Units with Hydric Inclusions are listed second. The remaining map units in the area are listed last. The "Hydric Criteria" column indicates the conditions that caused the unit to be included in this list. See the "Criteria for Hydric Soils" to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

SSSD-HYDRIC ***** OFFICIAL HYDRIC SOILS INFORMATION *****

State/SSA Id: RI600

SSA Name: STATE OF RHODE ISLAND

January, 1993

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
Aa	ADRIAN MUCK					
	ADRIAN	Y	SW	1	X	
	CARLISLE (I)	Y	SW	1,3		
	RAYPOL (I)	Y	OP	2B3		
	RIDGEBURY (I)	Y	DP	2B3		
	SCARBORO (I)	Y	OP	2B2, 3		
	WHITMAN (I)	Y	DP	2B3, 3		
Co	CARLISLE MUSK					
	CARLISLE	Y	SW	1	X	
	ADRIAN (I)	Y	SW	1,3		
	LEICESTER (I)	Y	DP	2B3		
	SCARBORO (I)	Y	OP	2B2, 3		
	WALPOLE (I)	Y	OP	2B3		
	WHITMAN (I)	Y	DP	2B3, 3		
Ip	IPSWICH PEAT					
	IPSWICH	Y	SM	1		
	MATUNUCK (I)	Y	SM	2B2, 3		
Ma	MANSFIELD MUCKY SILT LOAM					
	MANSFIELD	Y	DP	2B3	X	
	STISSING (I)	Y	DP	2B3		
Mc	MANSFILD VERY STONY MUCKY SILT LOAM					
	MANSFIELD		DP	2B3	X	
	STISSING (I)	Y	DP	2B3		
		Y				
Mk	MATUNUCK MUCKY PEAT					
	MATUNUCK					
	IPSWICH (I)	Y	SM	2B2		
		Y	SM	1, 3		

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
Rc	RAYPOL SILT LOAM					
	RAYPOL	Y	OP	2B3	X	
	SCARBORO (I)	Y	OP	2B2, 3		
	SCIO (I)	N				
	WALPOLE (I)	Y	OP	2B3		
Re	RIDGEBURY FINE SANDY LOAM					
	RIDGEBURY	Y	DP	2B3	X	
	LEICESTER (I)	Y	DP	2B3		
	WHITMAN (I)	Y	DP	2B3, 3		
	WOODBIDGE (I)	N				
Rf	RIDGEBURY, WHITMAN, AND LEICESTER EXTREMELY STONY FINE SANDY LOAMS					
	RIDGEBURY	Y	DP	2B3	X	
	WHITMAN	Y	DP	2B3	X	
	LEICESTER	Y	DP	2B3	X	
	ADRIAN (I)	Y	SW	1, 3		
	SUTTON (I)	N				
	WOODBIDGE (I)	N				
Ru	RUMNEY FINE SANDY LOAM					
	RIPPOWAM	Y	FP	2B3	X	
	ADRIAN (I)	Y	SW	1, 3		
	POOTATUCK (I)	N				
Sb	SCARBORO MUCKY SANDY LOAM					
	SCARBORO	Y	OP	2B2	X	
	NINIGRET (I)	N				
	RAYPOL (I)	Y	OP	2B3		
	SUDBURY (I)	N				
	WALPOLE (I)	Y	OP	2B3		
Se	STISSING SILT LOAM					
	STISSING	Y	DP	2B3	X	
	MANSFIELD (I)	Y	DP	2B3, 3		
	PITTSTOWN (I)	N				
Sf	STISSING VERY STONY SILT LOAM					
	STISSING	Y	DP	2B3	X	
	MANSFIELD (I)	Y	DP	2B3, 3		
	PITTSTOWN (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
Wa	WALPOLE SANDY LOAM					
	WALPOLE	Y	OP	2B3	X	
	SCARBORO (I)	Y	OP	2B2, 3		
SUDBURY (I)	N					
Ba	BEACHES					
	BEACHES	U				
	MATUNUCK (I)	Y	SM	2B2, 3		
	ROCK OUTCROP (I)					
	UDIPSAMMENTS-UDULA (I)					
Bc	BIRCHWOOD SANDY LOAM					
	BIRCHWOOD	N				
	NEWPORT (I)	N				
	PAXTON (I)	N				
	PITTSTOWN (I)	N				
	POQUONOCK (I)	N				
	STISSING (I)	Y	DP	2B3		
Dc	WOODBRIDGE (I)	N				
	DEERFIELD LOAMY FINE SAND					
	DEERFIELD	N				
	SUDBURY (I)	N				
Nt	WALPOLE (I)	Y	OP	2B3		
	NINIGRET FINE SANDY LOAM					
	NINIGRET	N				
	AGAWAM (I)	N				
	DEERFIELD (I)	N				
	MERRIMAC (I)	N				
	RAYPOL (I)	Y	OP	2B3		
	SUDBURY (I)	N				
	TISBURY (I)	N				
	WALPOLE (I)	Y	OP	2B3		
	PAXTON VERY STONY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES					
	PAXTON	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	LEICESTER (I)	Y	DP	2B3		
	RIDGEBURY (I)	Y	DP	2B3		
	SUTTON (I)	N				
	WOODBRIDGE (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
PbC	PAXTON VERY STONY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES PAXTON CANTON (I) CHARLTON (I) LEICESTER (I) RIDGEBURY (I) SUTTON (I) WOODBIDGE (I)	N N N Y Y N N		DP DP	2B3 2B3	
PcC	PAXTON EXTREMELY STONY FINE SANDY LOAM, 3 TO 5 PERCENT SLOPES PAXTON CANTON (I) CHARLTON (I) LEICESTER (I) RIDGEBURY (I) SUTTON (I) WOODBIDGE (I)	N N N Y Y N N		DP DP	2B3 2B3	
PmA	PITTSTOWN SILT LOAM, 0 TO 3 PERCENT SLOPES PITTSTOWN NEWPORT (I) STISSING (I)	N N Y		DP	2B3	
PmB	PITTSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES PITTSTOWN NEWPORT (I) STISSING (I)	N N Y		DP	2B3	
PnB	PITTSTOWN VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES PITTSTOWN NEWPORT (I) STISSING (I)	N N Y		DP	2B3	
Pp	PODUNK FINE SANDY LOAM POOTATUCK RIPPOWAM (I)	N Y		FP	2B3	
Rk	ROCK OUTCROP ROCK OUTCROP MATUNUCK (I) NEWPORT (I)	U Y N		SM	2B2, 3	

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED- NAT. COND	FARMED- NAT. COND
Rp	ROCK OUTCROP-CANTON COMPLEX					
	ROCK OUTCROP	U				
	CANTON	N				
	CHARLTON (I)	N				
	LEICESTER (I)	Y	DP	2B3		
	LIPPITT (I)	N				
	NARRAGANSETT (I)	N				
	SUTTON (I)	N				
	WOODBIDGE (I)	N				
ScA	SCIO SILT LOAM, 0 TO 3 PERCENT SLOPES					
	SCIO	N				
	BRIDGEHAMPTON (I)	N				
	NINIGRET (I)	N				
	RAYPOL (I)	Y	OP	2B3		
	RIPPOWAM (I)	Y	FP	2B3		
	TISBURY (I)	N				
Ss	SUDBURY SANDY LOAM					
	SUDBURY	N				
	AGAWAM (I)	N				
	DEERFIELD (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	NINIGRET (I)	N				
	WALPOLE (I)	Y	OP	2B3		
	WINDSOR (I)	N				
StA	SUTTON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES					
	SUTTON	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	LEICESTER (I)	Y	DP	2B3		
	WOODBIDGE (I)	N				
StB	SUTTON FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES					
	SUTTON	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	LEICESTER (I)	Y	DP	2B3		
	WOODBIDGE (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
SuB	SUTTON VERY STONY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES SUTTON CANTON (I) CHARLTON (I) LEICESTER (I) WOODBIDGE (I)	N N N Y N		DP	2B3	
SvB	SUTTON EXTREMELY STONY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES SUTTON CANTON (I) CHARLTON (I) LEICESTER (I) WOODBIDGE (I)	N N N Y N		DP	2B3	
Tb	TISBURY SILT LOAM TISBURY BRIDGEHAMPTON (I) ENFIELD (I) RAYPOL (I)	N N N Y		OP	2B3	
UAB	UDIPSAMMENTS UDIPSAMMENTS MATUNUCK (I)	U Y		SM	2B2, 3	
WbA	WAPPING SILT LOAM, 0 TO 3 PERCENT SLOPES WAPPING BRIDGEHAMPTON (I) LEICESTER (I) NARRAGANSETT (I)	N N Y N		DP	2B3	
WbB	WAPPING SILT LOAM, 3 TO 8 PERCENT SLOPES WAPPING BRIDGEHAMPTON (I) LEICESTER (I) NARRAGANSETT (I)	N N Y N		DP	2B3	
WcB	WAPPING VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES WAPPING BRIDGEHAMPTON (I) LEICESTER (I) NARRAGANSETT (I)	N N Y N		DP	2B3	

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
WdB	WAPPING EXTREMELY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES WAPPING BRIDGEHAMPTON (I) LEICESTER (I) NARRAGANSETT (I)	N N Y N		DP 2B3		
WhA	WOODBIDGE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES WOODBIDGE PAXTON (I) RIDGEBURY (I) SUTTON (I)	N N Y N		DP 2B3		
WhB	WOODBIDGE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES WOODBIDGE PAXTON (I) RIDGEBURY (I) SUTTON (I)	N N Y N		DP 2B3		
WoB	WOODBIDGE VERY STONY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES WOODBIDGE PAXTON (I) RIDGEBURY (I) SUTTON (I)	N N Y N		DP 2B3		
WrB	WOODBIDGE EXTREMELY STONY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES WOODBIDGE PAXTON (I) RIDGEBURY (I) SUTTON (I)	N N Y N		DP 2B3		
AfA	AGAWAM FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES AGAWAM ENFIELD (I) HINCKLEY (I) MERRIMAC (I) NINIGRET (I) SUDBURY (I)	N N N N N N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
AfB	AGAWAM FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES					
	AGAWAM	N				
	ENFIELD (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	NINIGRET (I)	N				
	SUDBURY (I)	N				
BhA	BRIDGEHAMPTON SILT LOAM, 0 TO 3 PERCENT SLOPES					
	BRIDGEHAMPTON	N				
	AGAWAM (I)	N				
	ENFIELD (I)	N				
	SCIO (I)	N				
	TISBURY (I)	N				
BhB	BRIDGEHAMPTON SILT LOAM, 3 TO 8 PERCENT SLOPES					
	BRIDGEHAMPTON	N				
	AGAWAM (I)	N				
	ENFIELD (I)	N				
	SCIO (I)	N				
	TISBURY (I)	N				
BmA	BRIDGEHAMPTON SILT LOAM, TILL SUBSTRATUM, 0 TO 3 PERCENT SLOPES					
	BRIDGEHAMPTON	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	NARRAGANSETT (I)	N				
	SCIO (I)	N				
	WAPPING (I)	N				
BmB	BRIDGEHAMPTON SILT LOAM, TILL SUBSTRATUM, 3 TO 8 PERCENT SLOPES					
	BRIDGEHAMPTON	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	NARRAGANSETT (I)	N				
	SCIO (I)	N				
	WAPPING (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
BnB	BRIDGEHAMPTON-CHARLTON COMPLEX, VERY STONY, 0 TO 8 PERCENT SLOPES					
	BRIDGEHAMPTON	N				
	CHARLTON	N				
	CANTON (I)	N				
	NARRAGANSETT (I)	N				
	SCIO (I)	N				
	WAPPING (I)	N				
BnC	BRIDGEHAMPTON-CHARLTON COMPLEX, VERY STONY, 8 TO 15 PERCENT SLOPES					
	BRIDGEHAMPTON	N				
	CHARLTON	N				
	CANTON (I)	N				
	NARRAGANSETT (I)	N				
	SCIO (I)	N				
	WAPPING (I)	N				
BoC	BRIDGEHAMPTON-CHARLTON COMPLEX, EXTREMELY STONY, 3 TO 15 PERCENT SLOPES					
	BRIDGEHAMPTON	N				
	CHARLTON	N				
	CANTON (I)	N				
	NARRAGANSETT (I)	N				
	SCIO (I)	N				
	WAPPING (I)	N				
BrA	BROADBROOK SILT LOAM, 0 TO 3 PERCENT SLOPES					
	BROADBROOK	N				
	NARRAGANSETT (I)	N				
	NEWPORT (I)	N				
	PAXTON (I)	N				
	PITTSTOWN (I)	N				
	RAINBOW (I)	N				
	WOODBIDGE (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
BrB	BROADBROOK SILT LOAM, 3 TO 8 PERCENT SLOPES					
	BROADBROOK	N				
	NARRAGANSETT (I)	N				
	NEWPORT (I)	N				
	PAXTON (I)	N				
	PITTSTOWN (I)	N				
	RAINBOW (I)	N				
	WOODBIDGE (I)	N				
BsB	BROADBROOK VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES					
	BROADBROOK	N				
	CHARLTON (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
	RAINBOW (I)	N				
	WOODBIDGE (I)	N				
CB	CANTON-URBAN LAND COMPLEX					
	CANTON	N				
	URBAN LAND	U				
	CHARLTON (I)	N				
	GLOUCESTER (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
	SUTTON (I)	N				
CC	CANTON-URBAN LAND COMPLEX, VERY ROCKY					
	CANTON	N				
	URBAN LAND	U				
	CHARLTON (I)	N				
	GLOUCESTER (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
	ROCK OUTCROP (I)	N				
	SUTTON (I)	N				
CaC	CANTON-CHARLTON-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES					
	CANTON	N				
	CHARLTON	N				
	ROCK OUTCROP	U				
	GLOUCESTER (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
	SUTTON (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
CaD	CANTON-CHARLTON-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES					
	CANTON	N				
	CHARLTON	N				
	ROCK OUTCROP	U				
	GLOUCESTER (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
	SUTTON (I)	N				
CdA	CANTON AND CHARLTON FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES					
	CANTON	N				
	CHARLTON	N				
	GLOUCESTER (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
	SUTTON (I)	N				
CdB	CANTON AND CHARLTON FINE SANDY LOAMS, 3 TO 8 PERCENT SLOPES					
	CANTON	N				
	CHARLTON	N				
	GLOUCESTER (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
	SUTTON (I)	N				
CdC	CANTON AND CHARLTON FINE SANDY LOAMS, 8 TO 15 PERCENT SLOPES					
	CANTON	N				
	CHARLTON	N				
	GLOUCESTER (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
CeC	CANTON AND CHARLTON FINE SANDY LOAMS, VERY ROCKY, 3 TO 15 PERCENT SLOPES					
	CANTON	N				
	CHARLTON	N				
	GLOUCESTER (I)	N				
	NARRAGANSETT (I)	N				
	PAXTON (I)	N				
	ROCK OUTCROP (I)					
	SUTTON (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED- NAT. COND	FARMED- NAT. COND
ChB	CANTON AND CHARLTON VERY STONY FINE SANDY LOAMS, 3 TO 8 PERCENT SLOPES CANTON CHARLTON GLOUCESTER (I) HINCKLEY (I) NARRAGANSETT (I) NEWPORT (I) PAXTON (I) PITTSTOWN (I) SUTTON (I) TISBURY (I)	N N N N N N N N N				
ChC	CANTON AND CHARLTON VERY STONY FINE SANDY LOAMS, 8 TO 15 PERCENT SLOPES CANTON CHARLTON GLOUCESTER (I) NARRAGANSETT (I) PAXTON (I) SUTTON (I)	N N N N N N				
ChD	CANTON AND CHARLTON VERY STONY FINE SANDY LOAMS, 15 TO 25 PERCENT SLOPES CANTON CHARLTON GLOUCESTER (I) NARRAGANSETT (I) PAXTON (I) SUTTON (I)	N N N N N N				
CkC	CANTON AND CHARLTON EXTREMELY STONY FINE SANDY LOAMS, 3 TO 15 PERCENT SLOPES CANTON CHARLTON GLOUCESTER (I) NARRAGANSETT (I) PAXTON (I) SUTTON (I)	N N N N N N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED- NAT. COND	FARMED- NAT. COND
Du	DUMPS					
	DUMPS	U				
	CAMTON (I)	N				
	CHARLTON (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	NARRAGANSETT (I)	N				
	ROCK OUTCROP (I)					
EfA	ENFIELD SILT LOAM, 0 TO 3 PERCENT SLOPES					
	ENFIELD	N				
	AGAWAM (I)	N				
	BRIDGEHAMPTON (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	TISBURY (I)	N				
EfB	ENFIELD SILT LOAM, 3 TO 8 PERCENT SLOPES					
	ENFIELD	N				
	AGAWAM (I)	N				
	BRIDGEHAMPTON (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	TISBURY (I)	N				
GBC	GLOUCESTER- BRIDGEHAMPTON COMPLEX, ROLLING					
	GLOUCESTER	N				
	BRIDGEHAMPTON	N				
	HINCKLEY (I)	N				
	NARRAGANSETT (I)	N				
	WAPPING (I)	N				
GBD	GLOUCESTER- BRIDGEHAMPTON COMPLEX, HILLY					
	GLOUCESTER	N				
	BRIDGEHAMPTON	N				
	HINCKLEY (I)	N				
	NARRAGANSETT (I)	N				
	WAPPING (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED- NAT. COND	FARMED- NAT. COND
GhC	GLOUCESTER-HINCKLEY VERY STONY SANDY LOAMS, ROLLING					
	GLOUCESTER	N				
	HINCKLEY	N				
	MERRIMAC (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				
GhD	GLOUCESTER-HINCKLEY VERY STONY SANDY LOAMS, HILLY					
	GLOUCESTER	N				
	HINCKLEY	N				
	MERRIMAC (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				
HkA	HINKLEY GRAVELLY SANDY LOAM, 0 TO 3 PERCENT SLOPES					
	HINCKLEY	N				
	AGAWAM (I)	N				
	MERRIMAC (I)	N				
	QUONSET (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				
HkC	HINKLEY GRAVELLY SANDY LOAM, ROLLING					
	HINCKLEY	N				
	AGAWAM (I)	N				
	MERRIMAC (I)	N				
	QUONSET (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				
HkD	HINCKLEY GRAVELLY SANDY LOAM, HILLY					
	HINCKLEY	N				
	QUONSET (I)	N				
	WINDSOR (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
HnC	HINCKLEY-ENFIELD COMPLEX, ROLLING					
	HINCKLEY	N				
	ENFIELD	N				
	AGAWAM (I)	N				
	BRIDGEHAMPTON (I)	N				
	MERRIMAC (I)	N				
	SUDBURY (I)	N				
	TISBURY (I)	N				
	WINDSOR (I)	N				
LgC	LIPPITT GRAVELLY SANDY LOAM, VERY ROCKY, 3 TO 15 PERCENT SLOPES					
	LIPPITT	N				
	CANTON (I)	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	CHARLTON (I)	N				
	NARRAGANSETT (I)					
	SUTTON (I)					
MU	MERRIMAC-URBAN LAND COMPLEX					
	MERRIMAC	N				
	URBAN LAND	U				
	AGAWAM (I)	N				
	ENFIELD (I)	N				
	HINCKLEY (I)	N				
	NINIGRET (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				
MmA	MERRIMAC SANDY LOAM, 0 TO 3 PERCENT SLOPES					
	MERRIMAC	N				
	AGAWAM (I)	N				
	HINCKLEY (I)	N				
	NINIGRET (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				
MmB	MERRIMAC SANDY LOAM, 3 TO 8 PERCENT SLOPES					
	MERRIMAC	N				
	AGAWAM (I)	N				
	HINCKLEY (I)	N				
	NINIGRET (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
NP	NEWPORT-URBAN LAND COMPLEX					
	NEWPORT	N				
	URBAN LAND	U				
	BIRCHWOOD (I)	N				
	PITTSTOWN (I)	N				
	POQUONOCK (I)	N				
	UDORTHENS (I)					
NaA	NARRAGANSETT SILT LOAM, 0 TO 3 PERCENT SLOPES					
	NARRAGANSETT	N				
	BRIDGEHAMPTON (I)	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	WAPPING (I)	N				
	WOODBIDGE (I)	N				
NaB	NARRAGANSETT SILT LOAM, 3 TO 8 PERCENT SLOPES					
	NARRAGANSETT	N				
	BRIDGEHAMPTON (I)	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	WAPPING (I)	N				
	WOODBIDGE (I)	N				
NbB	NARRAGANSETT VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES					
	NARRAGANSETT	N				
	BRIDGEHAMPTON (I)	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	ENFIELD (I)	N				
	SCIO (I)	N				
	WAPPING (I)	N				
	WOODBIDGE (I)	N				
NbC	NARRAGANSETT VERY STONY SILT LOAM, 8 TO 15 PERCENT SLOPES					
	NARRAGANSETT	N				
	BRIDGEHAMPTON (I)	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	SCIO (I)	N				
	WAPPING (I)	N				
	WOODBIDGE (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
NcC	NARRAGANSETT EXTREMELY STONY SILT LOAM, 3 TO 15 PERCENT SLOPES					
	NARRAGANSETT	N				
	BRIDGEHAMPTON (I)	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	WAPPING (I)	N				
	WOODBIDGE (I)	N				
NeA	NEWPORT SILT LOAM, 0 TO 3 PERCENT SLOPES					
	NEWPORT	N				
	BIRCHWOOD (I)	N				
	PITTSTOWN (I)	N				
	POQUONOCK (I)	N				
NeB	NEWPORT SILT LOAM, 3 TO 8 PERCENT SLOPES					
	NEWPORT	N				
	BIRCHWOOD (I)	N				
	PITTSTOWN (I)	N				
	POQUONOCK (I)	N				
NeC	NEWPORT SILT LOAM, 8 TO 15 PERCENT SLOPES					
	NEWPORT	N				
	BIRCHWOOD (I)	N				
	PITTSTOWN (I)	N				
	POQUONOCK (I)	N				
NfB	NEWPORT VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES					
	NEWPORT	N				
	BIRCHWOOD (I)	N				
	PITTSTOWN (I)	N				
	POQUONOCK (I)	N				
NoC	NEWPORT EXTREMELY STONY SILT LOAM, 3 TO 15 PERCENT SLOPES					
	NEWPORT	N				
	BIRCHWOOD (I)	N				
	PITTSTOWN (I)	N				
	POQUONOCK (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED- NAT. COND	FARMED- NAT. COND
PD	PAXTON-URBAN LAND COMPLEX					
	PAXTON	N				
	URBAN LAND	U				
	BROADBROOK (I)	N				
	SUTTON (I)	N				
	UDORTHENTS (I)	N				
	WOODBIDGE (I)	N				
PaA	PAXTON FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES					
	PAXTON	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	WOODBIDGE (I)	N				
PaB	PAXTON FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES					
	PAXTON	N				
	CANTON (I)	N				
	CHARLTON (I)	N				
	SUTTON (I)	N				
	WOODBIDGE (I)	N				
Pg	PITS, QUARRIES					
	PITS	U				
	HINCKLEY (I)	N				
	LIPPITT (I)	N				
	MERRIMAC (I)	N				
	URBAN LAND (I)	N				
	WINDSOR (I)	N				
Pk	PITS, QUARRIES					
	PITS	U				
	CANTON (I)	N				
	CHARLTON (I)	N				
	GLOUCESTER (I)	N				
	LIPPITT (I)	N				
	NARRAGANSETT (I)	N				
Psa	POQUONOCK LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES					
	POQUONOCK	N				
	BIRCHWOOD (I)	N				
	BROADBROOK (I)	N				
	NEWPORT (I)	N				
	PAXTON (I)	N				
	WINDSOR (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED- NAT. COND	FARMED- NAT. COND
PsB	POQUONOCK LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES					
	POQUONOCK	N				
	BIRCHWOOD (I)	N				
	BROADBROOK (I)	N				
	NEWPORT (I)	N				
	PAXTON (I)	N				
	WINDSOR (I)	N				
QoA	QUONSET GRAVELLY SANDY LOAM, 0 TO 3 PERCENT SLOPES					
	QUONSET	N				
	AGAWAM (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				
QoC	QUONSET GRAVELLY SANDY LOAM, ROLLING					
	QUONSET	N				
	AGAWAM (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	SUDBURY (I)	N				
	WINDSOR (I)	N				
RaA	RAINBOW SILT LOAM, 0 TO 3 PERCENT SLOPES					
	RAINBOW	N				
	BROADBROOK (I)	N				
	PAXTON (I)	N				
	WAPPING (I)	N				
	WOODBIDGE (I)	N				
RaB	RAINBOW SILT LOAM, 3 TO 8 PERCENT SLOPES					
	RAINBOW	N				
	BROADBROOK (I)	N				
	PAXTON (I)	N				
	WAPPING (I)	N				
	WOODBIDGE (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED-NAT. COND	FARMED-NAT. COND
RbB	RAINBOW VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES					
	RAINBOW	N				
	BRAIDBROOK (I)	N				
	PAXTON (I)	N				
	WAPPING (I)	N				
	WOODBIDGE (I)	N				
SdB	SCIO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES					
	SCIO	N				
	BRIDGEHAMPTON (I)	N				
	SUDBURY (I)	N				
	TISBURY (I)	N				
	WAPPING (I)	N				
UBE	UDORTHENTS, VERY STEEP					
	UDORTHENTS	U				
	BRIDGEHAMPTON (I)	N				
	GLOUCESTER (I)	N				
	HINCKLEY (I)	N				
UD	UDORTHENTS-URBAN LAND COMPLEX					
	UDORTHENTS	U				
	URBAN LAND	U				
Ur	URBAN LAND					
	URBAN LAND	U				
	CANTON (I)	N				
	CHARLTON (I)	N				
	MERRIMAC (I)	N				
	NEWPORT (I)	N				
	PITTSTOWN (I)	N				
	SUDBURY (I)	N				
	SUTTON (I)	N				
W	WATER					
	WATER	U				
WgA	WINDSOR LOAMY SAND, 0 TO 3 PERCENT SLOPES					
	WINDSOR (I)	N				
	AGAWAM (I)	N				
	DEERFIELD (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	SUDBURY (I)	N				

SSA Name: STATE OF RHODE ISLAND

MAP SYM	MAP NAME COMPONENT/INCLUSION (I)	HYD	HYD. LAND FORM	HYDRIC CRITERIA	WOODED- NAT. COND	FARMED- NAT. COND
WgB	WINDSOR LOAMY SAND, 3 TO 8 PERCENT SLOPES					
	WINDSOR	N				
	AGAWAM (I)	N				
	DEERFIELD (I)	N				
	HINCKLEY (I)	N				
	MERRIMAC (I)	N				
	SUDBURY (I)	N				

FOOTNOTE: There may be small areas of included soils or miscellaneous area that are significant to use and management of soil; yet are too small to delineate on the map at the map's original scale. These may be designated as spot symbols and are defined in the Published Soil Survey Report or the USDA-NRCS Technical Guide, part II

MAP SYMBOLS:

The soil maps in the Soil Survey of Rhode Island contain symbols, some of which can help the user locate areas of hydric soils. Spot symbols are used to show small isolated areas, which are too small to delineate as a separate map unit on the soil maps. Other symbols, such as streams and springs, depict features which may be associated with areas of hydric soils.

Wet spot

Streams

Springs

Ponds and lakes

