

# Hydric Soils

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

[This report lists only those map unit components that are rated as hydric. Dashes (---) in any column indicate that the data were not included in the database. Definitions of hydric criteria codes are included at the end of the report]

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
<b>Aa:</b>					
Adrian muck	Adrian	90	Swamps	Yes	1, 4
	Carlisle	3	Swamps	Yes	1, 3, 4
	Ridgebury	2	Depressions	Yes	2B3
	Scarboro	2	Outwash plains	Yes	2B3
	Whitman	2	Depressions	Yes	2B3
	Raypol	1	Outwash plains	Yes	2B3
<b>Ba:</b>					
Beaches	Matunuck	1	Salt marshes	Yes	2B2, 3
<b>Bc:</b>					
Birchwood sandy loam	Stissing	1	Depressions	Yes	2B3
<b>Co:</b>					
Carlisle muck	Carlisle	90	Swamps	Yes	1, 3, 4
	Adrian	3	Swamps	Yes	1, 4
	Scarboro	2	Outwash plains	Yes	2B3
	Walpole	2	Outwash plains	Yes	2B3
	Whitman	2	Depressions	Yes	2B3
	Leicester	1	Depressions	Yes	2B3
<b>Dc:</b>					
Deerfield loamy fine sand	Walpole	5	Outwash plains	Yes	2B3
<b>Ip:</b>					
Ipswich peat	Ipswich	95	Salt marshes	Yes	1, 3
	Matunuck	5	Salt marshes	Yes	2B2, 3
<b>Ma:</b>					
Mansfield mucky silt loam	Mansfield	95	Depressions	Yes	2B3
	Stissing	5	Depressions	Yes	2B3

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<b>Mc:</b>					
Mansfield very stony mucky silt loam	Mansfield	90	Depressions	Yes	2B3
	Stissing	10	Depressions	Yes	2B3
<b>Mk:</b>					
Matunuck mucky peat	Matunuck	95	Salt marshes	Yes	2B2, 3
	Ipswich	5	Salt marshes	Yes	1, 3
<b>Nt:</b>					
Ninigret fine sandy loam	Raypol	1	Outwash plains	Yes	2B3
	Walpole	1	Depressions	Yes	2B3
<b>PbB:</b>					
Paxton very stony fine sandy loam, 0 to 8 percent slopes	Leicester	1	Depressions	Yes	2B3
	Ridgebury	1	Depressions	Yes	2B3
<b>PbC:</b>					
Paxton very stony fine sandy loam, 8 to 15 percent slopes	Leicester	1	Depressions	Yes	2B3
	Ridgebury	1	Depressions	Yes	2B3
<b>PcC:</b>					
Paxton extremely stony fine sandy loam, 3 to 15 percent slopes	Leicester	1	Depressions	Yes	2B3
	Ridgebury	1	Depressions	Yes	2B3
<b>PmA:</b>					
Pittstown silt loam, 0 to 3 percent slopes	Stissing	5	Depressions	Yes	2B3
<b>PmB:</b>					
Pittstown silt loam, 3 to 8 percent slopes	Stissing	5	Depressions	Yes	2B3
<b>PnB:</b>					
Pittstown very stony silt loam, 0 to 8 percent slopes	Stissing	3	Depressions	Yes	2B3
<b>Pp:</b>					
Podunk fine sandy loam	Rippowam	5	Flood plains	Yes	2B3

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<b>Rc:</b>					
Raypol silt loam	Raypol	90	Outwash plains	Yes	2B3
	Scarboro	3	Outwash plains	Yes	2B3
	Walpole	3	Outwash plains	Yes	2B3
<b>Re:</b>					
Ridgebury fine sandy loam	Ridgebury	90	Depressions	Yes	2B3
	Leicester	4	Depressions	Yes	2B3
	Whitman	3	Depressions	Yes	2B3
<b>Rf:</b>					
Ridgebury, Whitman, and Leicester extremely stony fine sandy loams	Leicester	30	Depressions	Yes	2B3
	Ridgebury	30	Depressions	Yes	2B3
	Whitman	20	Depressions	Yes	2B3
	Adrian	10	Swamps	Yes	1, 4
<b>Rk:</b>					
Rock outcrop	Matunuck	5	Salt marshes	Yes	2B2, 3
<b>Rp:</b>					
Rock outcrop-Canton complex	Leicester	4	Depressions	Yes	2B3
<b>Ru:</b>					
Rumney fine sandy loam	Rippowam	85	Flood plains	Yes	2B3
	Adrian	8	Swamps	Yes	1, 4
<b>Sb:</b>					
Scarboro mucky sandy loam	Scarboro	90	Outwash plains	Yes	2B3
	Walpole	4	Outwash plains	Yes	2B3
	Raypol	2	Outwash plains	Yes	2B3

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<b>ScA:</b>					
Scio silt loam, 0 to 3 percent slopes	Raypol	2	Outwash plains	Yes	2B3
	Rippowam	2	Flood plains	Yes	2B3
<b>Se:</b>					
Stissing silt loam	Stissing	90	Depressions	Yes	2B3
	Mansfield	3	Depressions	Yes	2B3
<b>Sf:</b>					
Stissing very stony silt loam	Stissing	90	Depressions	Yes	2B3
	Mansfield	5	Depressions	Yes	2B3
<b>Ss:</b>					
Sudbury sandy loam	Walpole	1	Outwash plains	Yes	2B3
<b>StA:</b>					
Sutton fine sandy loam, 0 to 3 percent slopes	Leicester	5	Depressions	Yes	2B3
<b>StB:</b>					
Sutton fine sandy loam, 3 to 8 percent slopes	Leicester	5	Depressions	Yes	2B3
<b>SuB:</b>					
Sutton very stony fine sandy loam, 0 to 8 percent slopes	Leicester	3	Depressions	Yes	2B3
<b>SvB:</b>					
Sutton extremely stony fine sandy loam, 0 to 8 percent slopes	Leicester	3	Depressions	Yes	2B3
<b>Tb:</b>					
Tisbury silt loam	Raypol	3	Outwash plains	Yes	2B3
<b>UAB:</b>					
Udipsamments	Matunuck	1	Salt marshes	Yes	2B2, 3
<b>Wa:</b>					
Walpole sandy loam	Walpole	90	Outwash plains	Yes	2B3
	Scarboro	3	Outwash plains	Yes	2B3
<b>WbA:</b>					
Wapping silt loam, 0 to 3 percent slopes	Leicester	3	Depressions	Yes	2B3

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WbB: Wapping silt loam, 3 to 8 percent slopes	Leicester	2	Depressions	Yes	2B3
WcB: Wapping very stony silt loam, 0 to 8 percent slopes	Leicester	3	Depressions	Yes	2B3
WdB: Wapping extremely stony silt loam, 0 to 8 percent slopes	Leicester	2	Depressions	Yes	2B3
WhA: Woodbridge fine sandy loam, 0 to 3 percent slopes	Ridgebury	2	Depressions	Yes	2B3
WhB: Woodbridge fine sandy loam, 3 to 8 percent slopes	Ridgebury	2	Depressions	Yes	2B3
WoB: Woodbridge very stony fine sandy loam, 0 to 8 percent slopes	Ridgebury	3	Depressions	Yes	2B3
WrB: Woodbridge extremely stony fine sandy loam, 0 to 8 percent slopes	Ridgebury	3	Depressions	Yes	2B3

## Explanation of hydric criteria codes:

1. All Histels except for Folistels, and Histosols except for Folists.
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
  - A. are somewhat poorly drained and have a water table at the surface (0.0 feet) during the growing season, or
  - B. are poorly drained or very poorly drained and have either:
    - 1.) a water table at the surface (0.0 feet) during the growing season if textures are coarse sand, sand, or fine sand in all layers within a depth of 20 inches, or
    - 2.) a water table at a depth of 0.5 foot or less during the growing season if permeability is equal to or greater than 6.0 in/hr in all layers within a depth of 20 inches, or
    - 3.) a water table at a depth of 1.0 foot or less during the growing season if permeability is less than 6.0 in/hr in any layer within a depth of 20 inches.
3. Soils that are frequently ponded for long or very long duration during the growing season.
4. Soils that are frequently flooded for long or very long duration during the growing season.