

# Hydric Soils

Suffolk County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
At: * Atsion sand	Atsion, poorly drained	50	Depressions	Yes	2B3
Bd: Berryland mucky sand	Berryland	80	Depressions	Yes	2B3, 4
Ca: Canadice silt loam	Canadice	85	Depressions	Yes	2B3, 3
Mu: Muck	Muck	90	Marshes, Swamps	Yes	1, 3
Ra: * Raynham loam	Raynham, poorly drained	50	Depressions	Yes	2B3
Tm: Tidal marsh	Tidal marsh	95	Tidal marshes	Yes	1, 3
Wd: * Walpole sandy loam	Walpole, poorly drained	50	Outwash plains	Yes	2B3
We: * Wareham loamy sand	Wareham, poorly drained	50	Depressions	Yes	2B3
Wh: Whitman sandy loam	Whitman	85	Depressions	Yes	2B3, 3

\* partially hydric map unit

## 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.