

Hydric Soils

Warren County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ca: Carlisle muck	Carlisle	80	Marshes, Swamps	Yes	1, 3
Cg: Cathro and Greenwood mucks	Cathro	50	Bogs	Yes	1, 3
	Greenwood	40	Depressions	Yes	1, 3
Fu: Fluvaquents-Udifluvents complex, frequently flooded	Fluvaquents	45	Flood plains	Yes	2B3, 3, 4
LnA: Lyme fine sandy loam, 0 to 3 percent slopes	Lyme	85	Depressions	Yes	2B3
LyA: Lyme very stony fine sandy loam, nearly level	Lyme	70	Depressions	Yes	2B3
Ma: Madalin silt loam	Madalin	90	Depressions	Yes	2B3
MsA: Massena fine sandy loam, 0 to 3 percent slopes	Massena, poorly drained	50	Drumlinoid ridges, Hills, Till plains	Yes	2B3
Pa: Palms muck	Palms	80	Marshes, Swamps	Yes	1, 3
Ra: Raynham silt loam	Raynham	90	Depressions	Yes	2B3
Sa: Saprists and Aquepts, inundated	Saprists	60	Marshes, Swamps	Yes	1, 3
	Aquepts	30	Depressions	Yes	2B3, 3
Sh: Shaker fine sandy loam	Shaker	90	Depressions	Yes	2B3
Wa: Wareham loamy sand	Wareham, poorly drained	50	Depressions	Yes	2B2

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)

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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.