

Hydric Soils

Columbia County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ad: Alden mucky silt loam	Alden	80	Depressions	Yes	2B3, 3
Au: Aurelie silt loam	Aurelie	85	Depressions	Yes	2B3
Bh: Birdsall silt loam	Birdsall	80	Depressions	Yes	2B3, 3
Ca: Canandaigua silt loam	Canandaigua	90	Depressions	Yes	2B3, 3
Cc: Carlisle muck	Carlisle	85	Marshes, Swamps	Yes	1, 3
Fn: * Fluvaquents-Udifulvents complex, frequently flooded	Fluvaquents	50	Flood plains	Yes	2B3, 3, 4
Fr: * Fredon silt loam	Fredon, poorly drained	50	Depressions	Yes	2B3
Ha: Halsey mucky silt loam	Halsey	80	Depressions	Yes	2B3
LmC: * Lanesboro-Monarda association, strongly sloping, very stony	Monarda	30	Depressions	Yes	2B3
Ln: Limerick silt loam	Limerick	85	Flood plains	Yes	2B3
Lt: Livingston and Madalin soils	Livingston	45	Depressions	Yes	2B3
	Madalin	40	Depressions	Yes	2B3, 3
MsA: * Massena silt loam, 0 to 3 percent slopes	Massena, poorly drained	35	Drumlinoid ridges, Hills, Till plains	Yes	2B3
MsB: * Massena silt loam, 3 to 8 percent slopes	Massena, poorly drained	15	Drumlinoid ridges, Hills, Till plains	Yes	2B3
Pa: Palms muck	Palms	85	Marshes, Swamps	Yes	1, 3

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Ra: Raynham very fine sandy loam	Raynham	85	Depressions	Yes	2B3
Sa: Saprists and Aquepts, ponded	Saprists	60	Marshes, Swamps	Yes	1, 3
	Aquepts	30	Marshes, Swamps	Yes	2B3, 3
Sh: Shaker loam	Shaker	85	Depressions	Yes	2B3
Sw: Sun silt loam	Sun	90	Depressions	Yes	2B3, 3
Wa: * Walpole sandy loam	Walpole, poorly drained	50	Depressions	Yes	2B3

* partially hydric map unit

Explanation of hydric criteria codes:

1. All Histels except for Folistels, and Histosols except for Folist.
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.