

# Hydric Soils

Sullivan County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ad: Alden silt loam	Alden	80	Depressions	Yes	2B3, 3
Ca: Carlisle muck	Carlisle	85	Marshes, Swamps	Yes	1, 3
Ce: Carlisle, Palms, and Alden soils, ponded	Alden, ponded	25	Depressions	Yes	2B3, 3
	Carlisle, ponded	25	Marshes, Swamps	Yes	1, 3
	Palms, ponded	25	Depressions	Yes	1, 3
Fu: Fluvaquents-Udifluvents complex, frequently flooded	Fluvaquents	45	Flood plains	Yes	2B3, 4
Gn: Greenwood peat	Greenwood	85	Marshes, Swamps	Yes	1, 3
Ne: Neversink loam	Neversink	80	Depressions	Yes	2B3
Nf: Neversink and Alden soils, very stony	Neversink, very stony	45	Depressions	Yes	2B3
	Alden, very stony	40	Depressions	Yes	2B3, 3
Os: Ossipee muck	Ossipee	85	Marshes, Swamps	Yes	1, 3
Pa: Palms muck	Palms	85	Marshes, Swamps	Yes	1, 3
Ra: Raynham silt loam	Raynham, poorly drained	50	Depressions	Yes	2B3
So: Sunny fine sandy loam	Sunny	85	Depressions	Yes	2B3, 3
Sp: Sunny fine sandy loam, very stony	Sunny, very stony	85	Depressions	Yes	2B3, 3
TaB: Torull-Rock outcrop complex, 1 to 5 percent slopes	Torull, poorly drained	20	Benches, Hills, Mountains	Yes	2B3

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Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
TeB: Tuller-Rock outcrop complex, 1 to 5 percent slopes	Tuller, poorly drained	20	Benches, Hills, Ridges	Yes	2B3
Wd: Wayland silt loam	Wayland	85	Flood plains	Yes	2B3, 3, 4

## 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.