

# Hydric Soils

Otsego 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	70	Depressions	Yes	2B3, 3
At: Atherton silt loam	Atherton	85	Depressions	Yes	2B3, 3
Cb: Canandaigua silt loam	Canandaigua	85	Depressions	Yes	2B3, 3
Cc: Canandaigua mucky silt loam	Canandaigua	85	Depressions	Yes	2B3, 3
Cd: Carbondale mucky peat	Carbondale	75	Marshes, Swamps	Yes	1, 3
Ce: Carlisle muck	Carlisle	75	Marshes, Swamps	Yes	1, 3
Cp: Chippewa and Norwich soils	Chippewa	45	Depressions	Yes	2B3, 3
	Norwich	35	Depressions	Yes	2B3
Cr: Chippewa and Norwich soils, very stony	Chippewa, very stony	45	Depressions	Yes	2B3, 3
	Norwich	35	Depressions	Yes	2B3
Ed: Edwards muck	Edwards	75	Marshes, Swamps	Yes	1, 3
Fg: Fluvaquents-Udifluvents complex, frequently flooded	Fluvaquents	50	Flood plains	Yes	4
Fo: Fonda mucky silt loam	Fonda	90	Depressions	Yes	2B3, 3
Ly: Lyons silt loam	Lyons	85	Depressions	Yes	2B3, 3
Np: Norchip channery silt loam	Norchip	85	Depressions	Yes	2B3

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Pa: Palms muck	Palms	75	Marshes, Swamps	Yes	1, 3
PdB: Patchin silt loam, 1 to 4 percent slopes	Patchin	80	Depressions	Yes	2B3
Sa: Sapristis and Aquents, inundated	Sapristis	45	Marshes, Swamps	Yes	1, 3
	Aquents	40	Depressions	Yes	2B3, 3
Wg: Wayland silt loam	Wayland	75	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.