

# Hydric Soils

Chautauqua 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
As: Ashville silt loam	Ashville	75	Depressions	Yes	2B3
Ca: Canadice silty clay loam	Canadice	70	Depressions	Yes	2B3
Cb: Canandaigua silt loam, loamy substratum	Canandaigua, loamy substratum	80	Depressions	Yes	2B3, 3
Cc: Canandaigua mucky silt loam	Canandaigua	85	Depressions	Yes	2B3, 3
Ce: Carlisle muck	Carlisle	90	Marshes, Swamps	Yes	1, 3
Fe: * Fluvaquents-Udifluvents complex, frequently flooded	Fluvaquents	55	Flood plains	Yes	2B3, 3, 4
Ge: Getzville silt loam	Getzville	75	Depressions	Yes	2B3
Ha: Halsey mucky silt loam	Halsey	80	Flood plains	Yes	2B3, 3
Hm: Henrietta muck	Henrietta	80	Marshes, Swamps	Yes	2B3, 3
La: Lamson silt loam	Lamson	75	Depressions	Yes	2B3, 3
Pa: Palms muck	Palms	80	Marshes, Swamps	Yes	1, 3
Sa: Saprists and Aquents, ponded	Saprists	40	Marshes, Swamps	Yes	1, 3
	Aquents, ponded	35	Depressions	Yes	2B3, 3
Wy: Wayland silt loam	Wayland	80	Flood plains	Yes	2B3, 3, 4

\* partially hydric map unit

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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.