

# Hydric Soils

Steuben County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Aa: Alden silt loam	Alden	75	Depressions	Yes	2B3
At: Atherton silt loam	Atherton	75	Depressions	Yes	2B3, 3
Ca: Canandaigua silt loam	Canandaigua	75	Depressions	Yes	2B3, 3
Cc: Carlisle muck	Carlisle	75	Marshes, Swamps	Yes	1, 3, 4
Ck: Chippewa channery silt loam	Chippewa	75	Depressions	Yes	2B3
Ed: Edwards muck	Edwards	80	Marshes, Swamps	Yes	1, 3
FL: Fluvaquents and Ochrepts	Fluvaquents	40	Flood plains	Yes	2B3, 3, 4
KaA: Kanona silty clay loam, 0 to 2 percent slopes	Kanona, poorly drained	25	Benches, Ridges, Till plains	Yes	2B3
KaB: Kanona silty clay loam, 2 to 6 percent slopes	Kanona, poorly drained	30	Benches, Ridges, Till plains	Yes	2B3
KaD: Kanona silty clay loam, 6 to 20 percent slopes	Kanona, poorly drained	30	Benches, Ridges, Till plains	Yes	2B3
Pa: Palms muck	Palms	80	Marshes, Swamps	Yes	1, 3
TuB: Tuller channery silt loam, 0 to 6 percent slopes	Tuller, poorly drained	30	Benches, Hills, Ridges	Yes	2B3
TuC: Tuller channery silt loam, 6 to 12 percent slopes	Tuller, poorly drained	25	Benches, Hills, Ridges	Yes	2B3
We: Warners silt loam	Warners	80	Marshes, Swamps	Yes	2B3, 3, 4
Wn: Wayland silt loam	Wayland	80	Flood plains	Yes	2B3, 3, 4

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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.