

# Hydric Soils

Seneca County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ac: Alden mucky silt loam	Alden	80	Depressions	Yes	2B3, 4
Ad: Alden mucky silt loam, till substratum	Alden	85	Depressions	Yes	2B3, 4
Al: Alluvial land	Fluvaquents	45	Flood plains	Yes	2B3, 3, 4
Ca: Canandaigua silt loam	Canandaigua	80	Depressions	Yes	2B3
Ed: Edwards muck	Edwards	80	Marshes, Swamps	Yes	1, 4
Fn: Fonda mucky silty clay loam	Fonda	85	Depressions	Yes	2B3, 3
Fw: Fresh water marsh	Fresh water marsh	85	Marshes	Yes	3
Is: Ilion silty clay loam	Ilion	80	Depressions	Yes	2B3, 3
LcA: Lakemont silty clay loam, 0 to 2 percent slopes	Lakemont	80	Depressions	Yes	2B3, 3
LcB: Lakemont silty clay loam, 2 to 6 percent slopes	Lakemont	80	Depressions	Yes	2B3, 3
Lf: Lamson fine sandy loam and Mucky fine sandy loam	Lamson	85	Depressions	Yes	2B3, 3
Ly: Lyons silt loam	Lyons	85	Depressions	Yes	2B3, 3
Ma: Madalin and Odessa silty clay loams	Madalin	43	Depressions	Yes	2B3, 3
Mr: Muck, deep	Muck, deep	85	Marshes, Swamps	Yes	1, 3
Ms: Muck, shallow	Muck, shallow	85	Marshes, Swamps	Yes	1, 3

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Ro: Romulus silty clay loam	Romulus	85	Depressions	Yes	2B3
Sn: Sloan silt loam	Sloan	80	Flood plains	Yes	2B3
Vc: Varick silty clay loam	Varick	85	Depressions	Yes	2B3
Wk: Walkkill soils	Walkkill	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.