

# Hydric Soils

Monroe County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Al: * Alluvial land	Fluvaquents	45	Flood plains	Yes	2B3, 3, 4
Ca: Canandaigua silt loam	Canandaigua	80	Depressions	Yes	2B3, 3
Ed: Edwards muck	Edwards	80	Marshes, Swamps	Yes	1, 3
Fw: Fresh water marsh	Aquents	40	Flood plains	Yes	2B3, 3
	Saprists	40	Depressions	Yes	1, 3
Ha: Halsey gravelly loam	Halsey	80	Depressions	Yes	2B3
Le: Lakemont silt loam	Lakemont	75	Depressions	Yes	2B3
Lk: Lakemont silt loam, loamy subsoil variant	Lakemont variant, loamy substratum	80	Depressions	Yes	2B3
Lm: Lamson very fine sandy loam	Lamson	75	Depressions	Yes	2B3
Ly: Lyons silt loam	Lyons	80	Depressions	Yes	2B3
Ma: Madalin silty clay loam	Madalin	80	Depressions	Yes	2B3, 3
Mf: * Massena fine sandy loam	Massena, poorly drained	50	Drumlinoid ridges, Hills, Till plains	Yes	2B3
Mr: Muck, deep	Muck, deep	70	Marshes, Swamps	Yes	1, 3
Ms: Muck, shallow	Muck, shallow	80	Marshes, Swamps	Yes	1, 3
Ss: Sun fine sandy loam	Sun	75	Depressions	Yes	2B3
St: Sun loam, moderately shallow variant	Sun, moderately shallow	80	Depressions	Yes	2B3

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Wg: Wayland silt loam	Wayland	75	Flood plains	Yes	2B3, 3, 4

\* partially hydric map unit

## 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.