

Hydric Soils

Ulster County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
AA: * Alluvial land	Fluvaquents	45	Flood plains	Yes	2B3, 3, 4
At: Atherton silt loam	Atherton	80	Depressions	Yes	2B3
Cc: Canandaigua silt loam	Canandaigua	80	Depressions	Yes	2B3, 3
Cd: Canandaigua silt loam, till substratum	Canandaigua	80	Depressions	Yes	2B3, 3
Ce: Carlisle muck	Carlisle	75	Marshes, Swamps	Yes	1, 3
FW: Fresh water marsh	Medisaprists	45	Marshes, Swamps	Yes	1, 3
	Hydraquents	35	Marshes	Yes	2B3, 3
Lm: Lamson fine sandy loam	Lamson	80	Depressions	Yes	2B3, 3
LY: Lyons-Atherton complex, very stony	Lyons	45	Depressions	Yes	2B3, 3
	Atherton	30	Depressions	Yes	2B3, 3
Ma: Madalin silty clay loam	Madalin	80	Depressions	Yes	2B3, 3
Mn: Menlo silt loam	Menlo	80	Depressions	Yes	2B3, 3
MO: Menlo very bouldery soils	Menlo	80	Depressions	Yes	2B3, 3
MTB: * Morris-Tuller complex, very bouldery, gently sloping	Tuller, poorly drained	15	Benches, Hills, Ridges	Yes	2B3
Pa: Palms muck	Palms	75	Marshes, Swamps	Yes	1, 3
Pb: Palms muck, bedrock variant	Palms, bedrock variant	80	Marshes, Swamps	Yes	1, 3

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Wb: Wayland silt loam	Wayland	80	Flood plains	Yes	2B3, 3, 4
Wc: Wayland mucky silt loam	Wayland	80	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.