

Hydric Soils

Yates County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ad: Allis silt loam, 36 inches or more deep, 3 to 8 percent slopes	Allis	75	Depressions	Yes	2B3
Ag: * Alluvial soils, undifferentiated, 0 to 2 percent slopes	Fluvaquents	30	Flood plains	Yes	2B3, 3, 4
As: Atherton silt loam, 0 to 1 percent slopes	Atherton, drained	75	Depressions	Yes	2B3
Ce: Carlisle muck, 0 to 1 percent slopes	Carlisle, undrained	40	Marshes, Swamps	Yes	1, 3
	Carlisle, drained	35	Marshes, Swamps	Yes	1
Cf: Carlisle muck, shallow, 0 to 1 percent slopes	Palms, undrained	75	Marshes, Swamps	Yes	1, 3
Cy: Chippewa silt loam, 0 to 1 percent slopes	Chippewa	80	Depressions	Yes	2B3
Cz: Chippewa silt loam, 3 to 8 percent slopes	Chippewa	75	Depressions	Yes	2B3
Ea: Edwards muck, 0 to 1 percent slopes	Edwards, undrained	45	Marshes, Swamps	Yes	1, 3
	Edwards, drained	30	Marshes, Swamps	Yes	1
Ff: Fresh water marsh, 0 to 1 percent slopes	Saprists	40	Marshes, Swamps	Yes	1, 3
	Aquents	35	Depressions	Yes	2B3, 3
Ha: Holly silt loam, 0 to 1 percent slopes	Wayland	75	Flood plains	Yes	2B3, 4
LA: Lyons silt loam, 0 to 1 percent slopes	Lyons	70	Depressions	Yes	2B3, 3
La: Lakemont silty clay loam, 0 to 2 percent slopes	Lakemont	75	Depressions	Yes	2B3

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ML: Martisco muck	Martisco, UNDRAINED	50	Marshes, Swamps	Yes	2B3, 3, 4
	Martisco, DRAINED	30	Marshes, Swamps	Yes	2B3, 3, 4
Mn: Morocco fine sandy loam, 0 to 2 percent slopes	Wareham	75	Depressions	Yes	2B2
PA: Palms muck, 0 to 3 percent slopes	Palms, undrained	40	Marshes, Swamps	Yes	1, 3
	Palms, drained	35	Marshes, Swamps	Yes	1
PI: Poygan silty clay loam, 0 to 1 percent slopes	Fonda	75	Depressions	Yes	2B3, 3
Sk: Sloan silt loam, 0 to 1 percent slopes	Wayland	75	Flood plains	Yes	2B3, 3, 4
Ta: Toledo silty clay loam, 0 to 1 percent slopes	Fonda	75	Depressions	Yes	2B3, 3
WA: Walkill mucky silty clay loam, 0 to 3 percent slopes	Walkill, drained	60	Flood plains	Yes	2B3
	Walkill, undrained	20	Flood plains	Yes	2B3, 3, 4
Wb: Wayland silt loam, 0 to 1 percent slopes	Wayland	75	Flood plains	Yes	2B3
Wc: Wayland silty clay loam, 0 to 1 percent slopes	Wayland	70	Flood plains	Yes	2B3
Wd: Westland silt loam, 0 to 1 percent slopes	Westland	70	Depressions	Yes	2B3, 3

* 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.