

Hydric Soils

Schoharie County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Al: Alluvial land	Fluvaquents	40	Flood plains	Yes	2B3, 3, 4
ChA: Chippewa and Norwich stony silt loams, 0 to 3 percent slopes	Chippewa	40	Depressions	Yes	2B3
	Norwich	40	Depressions	Yes	2B3
ChC: Chippewa and Norwich stony silt loams, 3 to 15 percent slopes	Chippewa	40	Depressions	Yes	2B3
	Norwich	40	Depressions	Yes	2B3
CnC: Chippewa and Norwich very stony soils, 0 to 15 percent slopes	Chippewa	40	Depressions	Yes	2B3
	Norwich	40	Depressions	Yes	2B3
Fh: Fredon and Halsey gravelly loams	Halsey	35	Depressions	Yes	2B3, 3
Ha: Holly and Papakating silt loams	Holly	40	Flood plains	Yes	2B3, 3, 4
	Papakating (Wayland)	40	Depressions	Yes	2B3, 3, 4
IaB: Ilion and Appleton silt loams, 3 to 8 percent slopes	Ilion	40	Depressions	Yes	2B3
IIA: Ilion and Lyons silt loams, 0 to 3 percent slopes	Ilion	40	Depressions	Yes	2B3
	Lyons	35	Depressions	Yes	2B3
IIC: Ilion and Lyons silt loams, 3 to 15 percent slopes	Ilion	40	Depressions	Yes	2B3
	Lyons	35	Depressions	Yes	2B3
LaA: Lakemont and Madalin soils, deep, 0 to 2 percent slopes	Lakemont	40	Depressions	Yes	2B3, 3
	Madalin	35	Depressions	Yes	2B3, 3

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LdB:					
Lakemont and Madalin silty clay loams, 2 to 6 percent slopes	Lakemont	40	Depressions	Yes	2B3
	Madalin	35	Depressions	Yes	2B3
LsB:					
Lyons silt loam, shallow, 0 to 8 percent slopes	Lyons, shallow	75	Depressions	Yes	2B3
LyB:					
Lyons and Ilion very stony soils, 0 to 8 percent slopes	Lyons	40	Depressions	Yes	2B3
	Ilion	35	Depressions	Yes	2B3
Ma:					
Madalin silt loam, over till	Madalin, till substratum	75	Depressions	Yes	2B3, 3
Ms:					
Muck, slightly acid	Sapristis	75	Marshes, Swamps	Yes	1, 3
Mu:					
Muck and Peat, strongly acid	Sapristis	40	Marshes, Swamps	Yes	1, 3
	Fibrists	35	Marshes, Swamps	Yes	1, 3
TaB:					
Tuller and Allis silt loams, 0 to 8 percent slopes	Allis	35	Depressions	Yes	2B3
TaC:					
Tuller and Allis silt loams, 8 to 15 percent slopes	Allis	35	Depressions	Yes	2B3
Wa:					
Wayland silt loam	Wayland	80	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

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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.