

Hydric Soils
 Tompkins County, New York

[This report lists only those map unit components that are rated as hydric. Dashes (---) in any column indicate that the data were not included in the database. Definitions of hydric criteria codes are included at the end of the report]

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ab: Alluvial land	Fluvaquents	40	---	Yes	2B3, 3, 4
Ca: Canandaigua and Lamson soils	Canandaigua	40	---	Yes	2B3, 3
	Lamson	35	---	Yes	2B3, 3
EcA: Ellery, Chippewa, and Alden soils, 0 to 8 percent slopes	Alden	25	---	Yes	2B3, 3
	Chippewa	25	---	Yes	2B3, 3
	Ellery	25	---	Yes	2B3, 3
ErA: Erie-Ellery channery silt loams, 0 to 3 percent slopes	Ellery	30	---	Yes	2B3, 3
Fm: Fresh water marsh	Saprists	45	---	Yes	1, 3
	Fluvaquents	30	---	Yes	2B3, 3, 4

Ha:						
Halsey silt loam	Halsey	75	---	Yes	2B3, 3	
Hc:						
Halsey mucky silt loam	Halsey	75	---	Yes	2B3, 3	
Hk:						
Holly and Papakating soils	Holly (wayland)	40	---	Yes	2B3, 3, 4	
	Papakating	35	---	Yes	2B3, 3, 4	
IcA:						
Ilion silty clay loam, 0 to 2 percent slopes	Ilion	75	---	Yes	2B3, 3	
IcB:						
Ilion silty clay loam, 2 to 6 percent slopes	Ilion	75	---	Yes	2B3, 3	
KnA:						
Kendaia and Lyons silt loams, 0 to 3 percent slopes	Lyons	25	---	Yes	2B3, 3	
Ly:						
Lyons silt loam	Lyons	75	---	Yes	2B3, 3	
Mm:						
Madalin mucky silty clay loam	Madalin	75	---	Yes	2B3, 3	
Mn:						
Madalin silty clay loam	Madalin	75	---	Yes	2B3, 3	
Mp:						
Muck and Peat	Saprists	40	---	Yes	1, 3	
	Fibrists	35	---	Yes	1, 3	
VoA:						
Volusia-Chippewa channery silt loams, 0 to 3 percent slopes	Chippewa	30	---	Yes	2B3, 3	

Ws:					
Wayland and Sloan silt loams	Sloan	40	---	Yes	2B3, 3
	Wayland	40	---	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.