Hydric Soils
Cayuga 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
Ac:					
Alden mucky silt loam	Alden	75	---	Yes	2B3, 3
Ad:					
Alden mucky silt loam, till substratum	Alden, till substratum	80	---	Yes	2B3, 3
Al:					
Alluvial land	Fluvaquents	40	---	Yes	2B3, 3, 4
AsB:					
Appleton and Lyons loams, 0 to 5 percent slopes	Lyons	35	---	Yes	2B3, 3
Ed:					
Edwards muck	Edwards	75	---	Yes	1, 3
ElB:					
Ellery and Alden silt loams, 3 to 8 percent slopes	Alden	40	---	Yes	2B3, 3
	Chippewa	40	---	Yes	2B3, 3

Fo:					
Fonda mucky silt loam	Fonda	75	---	Yes	2B3, 3
Fw:					
Fresh water marsh	Aquents	40	---	Yes	2B3, 3
	Saprists	40	---	Yes	1, 3
KlA:					
Kendaia and Lyons silt loams, 0 to 3 percent slopes	Lyons	30	---	Yes	2B3, 3
Lc:					
Lakemont silty clay loam	Lakemont	80	---	Yes	2B3, 3
Le:					
Lamson fine sandy loam	Lamson	75	---	Yes	2B3, 3
Lf:					
Lamson mucky fine sandy loam	Lamson	75	---	Yes	2B3, 3
Ma:					
Madalin silt loam	Madalin	80	---	Yes	2B3, 3
Mb:					
Madalin silt loam, sandy subsoil variant	Madalin variant	80	---	Yes	2B3
Mr:					
Muck, deep	Muck (carlisle)	75	---	Yes	1, 3
Ms:					
Muck, shallow	Muck (palms)	75	---	Yes	1, 3
Nc:					
Niagara and Canandaigua silt loams	Canandaigua	35	---	Yes	2B3, 3
Pu:					
Peat and Muck	Peat	40	---	Yes	1, 3
	Muck	35	---	Yes	1, 3

Ro:					
Romulus silty clay loam	Romulus	80	---	Yes	2B3
Sn:					
Sloan silt loam	Sloan (wayland)	80	---	Yes	2B3, 3
Va:					
Varick silt loam	Varick	80	---	Yes	2B3
We:					
Warners loam	Warners	80	---	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.