

# Hydric Soils

Onondaga County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Cd: Canandaigua mucky silt loam	Canandaigua	80	Depressions	Yes	2B3, 3
Ce: Carlisle muck	Carlisle	75	Marshes, Swamps	Yes	1, 3
Ed: Edwards muck	Edwards	75	Marshes, Swamps	Yes	1, 3
FL: Fluvaquents, frequently flooded	Fluvaquents	75	Flood plains	Yes	2A, 3, 4
Fo: Fonda mucky silty clay loam	Fonda	75	Depressions	Yes	2B3, 3
Fr: Fredon loam	Fredon, poorly	25	Depressions	Yes	2B3
Ha: Halsey mucky loam	Halsey	75	Depressions	Yes	2B3, 3
Lk: Lakemont silty clay loam	Lakemont	80	Depressions	Yes	2B3, 3
Lm: Lamson very fine sandy loam	Lamson	80	Depressions	Yes	2B3, 3
Ly: Lyons silt loam	Lyons	75	Depressions	Yes	2B3, 3
Ms: Martisco and Warners soils	Martisco	40	Marshes, Swamps	Yes	2B3, 3, 4
	Warners	40	Depressions	Yes	2B3, 3
Na: Naumburg loamy fine sand	Naumburg, poorly drained	30	Deltas, Outwash plains, Terraces	Yes	2B3
Pb: Palms muck	Palms	80	Marshes, Swamps	Yes	1, 3

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SA:					
Saprists and Fluvaquents, ponded	Fluvaquents	40	Flood plains	Yes	2B3, 3, 4
	Saprists	40	---	Yes	1, 3
Va:					
Varick silt loam	Varick	85	Depressions	Yes	2B3
Wb:					
Wareham loamy fine sand	Wareham, poorly drained	50	Depressions	Yes	2B2
Wn:					
Wayland silt loam	Wayland	75	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 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.