

Hydric Soils
 Orange 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
Aa: Ackerman muck	Ackerman, drained	80	---	Yes	2B3, 3
Ab: Alden silt loam	Alden	80	---	Yes	2B3, 3
Ac: Alden extremely stony soils	Alden, extremely stony	75	---	Yes	2B3, 3
Ca: Canandaigua silt loam	Canandaigua	75	---	Yes	2B3
Cb: Canadaigua mucky silt loam	Canandaigua, drained	80	---	Yes	2B3
Cd: Carlisle muck	Carlisle, drained	80	---	Yes	1, 3
Cf: Carlisle, Muskego, and Pinnebog soils	Carlisle, undrained	40	---	Yes	1, 3
	Muskego, undrained	25	---	Yes	1, 3

	Pinnebog, undrained	20	---	Yes	1, 3
Ha:					
Halsey silt loam	Halsey	75	---	Yes	2B3, 3
Hh:					
Histic Humaquepts, ponded	Histic Humaquepts	75	---	Yes	2B3, 3
Ma:					
Madalin silt loam	Madalin	80	---	Yes	2B3, 3
Mb:					
Madalin mucky silt loam	Madalin, drained	80	---	Yes	2B3, 3
Ms:					
Muskego muck	Muskego, drained	80	---	Yes	1, 3
On:					
Olentangy muck	Olentangy, drained	85	---	Yes	2B3, 3
Pa:					
Palms muck	Palms, drained	80	---	Yes	1, 3
Pb:					
Palms and Wawayanda soils	Palms, undrained	45	---	Yes	1, 3
	Wawayanda, undrained	35	---	Yes	1, 3
Pn:					
Pinnebog muck	Pinnebog, drained	85	---	Yes	1, 3
Sb:					
Scarboro mucky sandy loam	Scarboro	80	---	Yes	2B2, 3
Uf:					
Udifluvents-Fluvaquents complex, frequently flooded	Fluvaquents	30	---	Yes	2B3, 3, 4
Wa:					
Wallkill silt loam	Wallkill, drained	45	---	Yes	2B3, 3, 4
	Wallkill, undrained	30	---	Yes	2B3, 3, 4

Wd:						
Wayland silt loam	Wayland	80	---	Yes	2B3, 3, 4	
Wl:						
Wayland mucky silt loam	Wayland, drained	80	---	Yes	2B3, 3, 4	
Wn:						
Wawayanda muck	Wawayanda, drained	80	---	Yes	1, 3	

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.