

Hydric Soils  
 Orleans 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
Ba: Barre silt loam	Barre	75	---	Yes	2B3
Bg: Bergen muck	Bergen, drained	65	---	Yes	1, 3
	Bergen, undrained	20	---	Yes	1, 3
Ca: Canandaigua soils	Canandaigua	75	---	Yes	2B3, 3
Cb: Carlisle muck	Carlisle, drained	65	---	Yes	1, 3
	Carlisle, undrained	15	---	Yes	1, 3
Cg: Cheektowaga fine sandy loam	Cheektowaga	75	---	Yes	2B2, 3
Ed: Edwards muck	Edwards, drained	60	---	Yes	1, 3
	Edwards, undrained	15	---	Yes	1, 3

FH:						
Fluvaquents and Humaquepts, ponded	Fluvaquents	40	---	Yes	2B3, 3	
	Humaquepts	35	---	Yes	2B3, 3	
Fo:						
Fonda mucky silt loam	Fonda	75	---	Yes	2B3, 3	
Lk:						
Lakemont silty clay loam	Lakemont	75	---	Yes	2B3, 3	
Lm:						
Lakemont silt loam, shale substratum	Lakemont, shale substratum	70	---	Yes	2B3, 3	
Ln:						
Lamson soils	Lamson	75	---	Yes	2B3, 3	
Ly:						
Lyons silt loam	Lyons	75	---	Yes	2B3, 3	
Lz:						
Lyons silt loam, rock substratum	Lyons, rock substratum	70	---	Yes	2B3, 3	
Ma:						
Madalin silt loam	Madalin	75	---	Yes	2B3, 3	
Me:						
Martisco muck	Martisco, drained	60	---	Yes	2B3, 3, 4	
	Martisco, undrained	15	---	Yes	2B3, 3, 4	
Pm:						
Palms muck	Palms, drained	65	---	Yes	1, 3	
	Palms, undrained	15	---	Yes	1, 3	
Pn:						
Pavilion muck	Pavilion, drained	65	---	Yes	1, 3	

	Pavilion, undrained	20	---	Yes	1, 3
Su:					
Sun silt loam	Sun	75	---	Yes	2B3, 3
Wy:					
Wayland silt loam	Wayland	75	---	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.