

Hydric Soils

Orleans County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ba: Barre silt loam	Barre	75	Depressions	Yes	2B3
Bg: Bergen muck	Bergen, drained	60	Marshes, Swamps	Yes	1, 3
	Bergen, undrained	20	Marshes, Swamps	Yes	1, 3
Ca: Canandaigua soils	Canandaigua	75	Depressions	Yes	2B3, 3
Cb: Carlisle muck	Carlisle, drained	65	Marshes, Swamps	Yes	1, 3
	Carlisle, undrained	15	Marshes, Swamps	Yes	1, 3
Cg: Cheektowaga fine sandy loam	Cheektowaga	75	Depressions	Yes	2B2, 3
Ed: Edwards muck	Edwards, DRAINED	60	Marshes, Swamps	Yes	1, 3
	Edwards, UNDRAINED	15	Marshes, Swamps	Yes	1, 3
FH: Fluvaquents and Humaquepts, ponded	Fluvaquents	40	Flood plains	Yes	2B3, 3
	Humaquepts	35	Marshes, Swamps	Yes	2B3, 3
Fo: Fonda mucky silt loam	Fonda	75	Depressions	Yes	2B3, 3
Fr: Fredon loam	Fredon, poorly drained	50	Terraces, Valley trains	Yes	2B3
Lk: Lakemont silty clay loam	Lakemont	75	Depressions	Yes	2B3, 3
Lm: Lakemont silt loam, shale substratum	Lakemont, shale substratum	70	Depressions	Yes	2B3, 3
Ln: Lamson soils	Lamson	75	Depressions	Yes	2B3, 3

Hydric Soils

Orleans County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ly: Lyons silt loam	Lyons	80	Depressions	Yes	2B3, 3
Lz: Lyons silt loam, rock substratum	Lyons, rock substratum	70	Depressions	Yes	2B3, 3
Ma: Madalin silt loam	Madalin	75	Depressions	Yes	2B3, 3
Me: Martisco muck	Martisco, DRAINED	60	Marshes, Swamps	Yes	2B3, 3, 4
	Martisco, UNDRAINED	15	Marshes, Swamps	Yes	2B3, 3, 4
Mn: Massena fine sandy loam	Massena	75	Drumlinoid ridges, Hills, Till plains	Yes	2B3
Ne: Newstead silt loam	Newstead, poorly drained	50	Benches, Ridges, Till plains	Yes	2B3
Pm: Palms muck	Palms, drained	65	Marshes, Swamps	Yes	1, 3
	Palms, undrained	15	Marshes, Swamps	Yes	1, 3
Pn: Pavilion muck	Pavilion, drained	60	Marshes, Swamps	Yes	1, 3
	Pavilion, undrained	20	Marshes, Swamps	Yes	1, 3
Su: Sun silt loam	Sun	75	Depressions	Yes	2B3, 3
Wy: 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

Hydric Soils

- 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.