

Hydric Soils

Orange County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Aa: Ackerman muck	Ackerman, DRAINED	80	Depressions, Outwash plains	Yes	2B3, 3
Ab: Alden silt loam	Alden	80	Depressions	Yes	2B3, 3
AC: Alden extremely stony soils	Alden, extremely stony	75	Depressions	Yes	2B3, 3
Ca: Canandaigua silt loam	Canandaigua	75	Depressions	Yes	2B3
Cb: Canandaigua mucky silt loam	Canandaigua, DRAINED	80	Depressions	Yes	2B3
Cd: Carlisle muck	Carlisle, DRAINED	80	Marshes, Swamps	Yes	1, 3
Cf: Carlisle, Muskego, and Pinnebog soils	Carlisle, UNDRAINED	40	Marshes, Swamps	Yes	1, 3
	Muskego, UNDRAINED	25	Marshes, Swamps	Yes	1, 3
	Pinnebog, UNDRAINED	20	Marshes, Swamps	Yes	1, 3
Fd: * Fredon loam	Fredon, poorly drained	50	Terraces, Valley trains	Yes	2B3
Ha: Halsey silt loam	Halsey	75	Depressions	Yes	2B3, 3
HH: Histic Humaquepts, ponded	Histic Humaquepts	75	Marshes, Swamps	Yes	2B3, 3
Ma: Madalin silt loam	Madalin	80	Depressions	Yes	2B3, 3
Mb: Madalin mucky silt loam	Madalin, DRAINED	80	Depressions	Yes	2B3, 3
Ms: Muskego muck	Muskego, DRAINED	80	Marshes, Swamps	Yes	1, 3
On: Olentangy muck	Olentangy, DRAINED	85	Marshes, Swamps	Yes	2B3, 3
Pa: Palms muck	Palms, DRAINED	80	Marshes, Swamps	Yes	1, 3

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Pb: Palms and Wawayanda soils	Palms, UNDRAINED	45	Marshes, Swamps	Yes	1, 3
	Wawayanda, UNDRAINED	35	Marshes, Swamps	Yes	1, 3
Pn: Pinnebog muck	Pinnebog, DRAINED	85	Marshes, Swamps	Yes	1, 3
Ra: * Raynham silt loam	Raynham, poorly drained	50	Lake plains	Yes	2B3
Sb: Scarboro mucky sandy loam	Scarboro	80	Depressions	Yes	2B2, 3
UF: * Udifluvents-Fluvaquents complex, frequently flooded	Fluvaquents	30	Flood plains	Yes	2B3, 3, 4
Wa: Walkill silt loam	Walkill, DRAINED	45	Flood plains	Yes	2B3, 3, 4
	Walkill, UNDRAINED	30	Flood plains	Yes	2B3, 3, 4
Wd: Wayland silt loam	Wayland	80	Flood plains	Yes	2B3, 3, 4
Wn: Wawayanda muck	Wawayanda, DRAINED	80	Marshes, Swamps	Yes	1, 3

* partially hydric map unit

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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.