

Hydric Soils

Erie County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ca: Canadice silt loam	Canadice	75	Depressions	Yes	2B3
Cb: Canadice silt loam, channery till substratum	Canadice, till substratum	80	Depressions	Yes	2B3
Cc: Canandaigua silt loam	Canandaigua	75	Depressions	Yes	2B3
Cd: Canandaigua mucky silt loam	Canandaigua	75	Depressions	Yes	2B3
Ch: Cheektowaga fine sandy loam	Cheektowaga	75	Depressions	Yes	2B2
Cn: Chippewa silt loam	Chippewa	75	Depressions	Yes	2B3
Ed: Edwards muck	Edwards	80	Marshes, Swamps	Yes	1, 3
Fu: * Fluvaquents and Udifluvents, frequently flooded	Fluvaquents	45	Flood plains	Yes	2B3, 4
Ge: Getzville silt loam	Getzville	75	Depressions	Yes	2B3
Ha: Halsey silt loam	Halsey	75	Depressions	Yes	2B3
Hn: Haplaquolls, ponded	Haplaquolls, ponded	70	Depressions	Yes	2B3, 3
In: Ilion silt loam	Ilion	80	Depressions	Yes	2B3
La: Lakemont silt loam	Lakemont	75	Depressions	Yes	2B3
Lb: Lakemont mucky silt loam	Lakemont	75	Depressions	Yes	2B3
Lc: Lamson very fine sandy loam	Lamson	75	Depressions	Yes	2B3
Ld: Lamson mucky very fine sandy loam	Lamson	75	Depressions	Yes	2B3

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Ly: Lyons silt loam	Lyons	75	Depressions	Yes	2B3
Lz: Lyons mucky silt loam	Lyons	75	Depressions	Yes	2B3, 3
Oe: * Odessa-Lakemont silt loams	Lakemont	30	Depressions	Yes	2B3
Pa: Palms muck	Palms	75	Marshes, Swamps	Yes	1, 3
Pc: Patchin silt loam	Patchin	75	Depressions	Yes	2B3
Wd: Wayland silt loam	Wayland	75	Flood plains	Yes	2B3, 3, 4

* partially hydric map unit

Explanation of hydric criteria codes:

1. All Histels except for Folistels, and Histosols except for Folist.
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.