

# Hydric Soils

Washington County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ca: Carlisle muck	Carlisle	80	Marshes, Swamps	Yes	1, 3
Cv: Covington silty clay loam	Covington	80	Depressions	Yes	2B3
FL: Fluvaquents	Fluvaquents	75	Flood plains	Yes	2B3, 4
Fr: * Fredon silt loam	Fredon, poorly drained	50	Depressions	Yes	2B3
Ha: Halsey mucky silt loam	Halsey	80	Depressions	Yes	2B3
Lm: Limerick silt loam	Limerick	80	Flood plains	Yes	2B3
Ma: Madalin silty clay loam	Madalin	85	Depressions	Yes	2B3, 3
Pm: Palms muck	Palms	80	Marshes, Swamps	Yes	1, 3
Sa: Saco silt loam	Saco	80	Flood plains	Yes	2B3
SB: Saprists, Aquepts, and Aquepts	Saprists	30	Marshes, Swamps	Yes	1, 3
	Aquepts	25	Depressions	Yes	2B3, 3
	Aquepts	20	Depressions	Yes	2B3, 3
Su: Sun loam	Sun	80	Depressions	Yes	2B3
SV: Sun very stony soils	Sun, very stony	80	Depressions	Yes	2B3

\* 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.