

# Hydric Soils

Livingston County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ab: * Alluvial soils, undifferentiated	Fluvaquents	50	Flood plains	Yes	2B3, 3, 4
C6: Chippewa silt loam, gently sloping	Chippewa	75	Depressions	Yes	2B3
C7: Chippewa silt loam, nearly level	Alden	75	Depressions	Yes	2B3, 3
C8: Colwood silt loam	Lamson	80	Depressions	Yes	2B3, 3
Cn: Carlisle muck	Carlisle	40	Marshes, Swamps	Yes	1, 3
	Palms	40	Depressions	Yes	1, 3
Ea: Edwards muck	Edwards	40	Marshes, Swamps	Yes	1, 3
	Martisco	40	Depressions	Yes	2B3, 3, 4
Fd: * Fulton silt loam	Madalin	35	Depressions	Yes	2B3, 3
Hb: Holly silty clay loam	Wayland	80	Flood plains	Yes	2B3, 3, 4
La: Lakemont silty clay laom	Lakemont	75	Depressions	Yes	2B3, 3
Lo: Lyons silt loam	Lyons	80	Depressions	Yes	2B3, 3
Pf: Poygan silty clay loam	Fonda	80	Depressions	Yes	2B3, 3
Rc: * Riverwash	Fluvaquents	50	Flood plains	Yes	2B3, 3, 4
Tb: Toledo silt loam	Fonda	40	Depressions	Yes	2B3, 3
	Canandaigua	35	Depressions	Yes	2B3, 3

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Wa: Walkill silt loam	Walkill	75	Flood plains	Yes	2B3, 3, 4
Wb: Wayland silt loam	Wayland	75	Flood plains	Yes	2B3, 3, 4
Wc: Wayland silty clay loam	Wayland	75	Flood plains	Yes	2B3, 3, 4
Wd: Westland silt loam	Halsey	80	Depressions	Yes	2B3, 3

\* partially hydric map unit

## 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.