

# Hydric Soils

Rockland County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Aa: Adrian muck	Adrian	75	Marshes, Swamps	Yes	1, 3
Ad: Alden silt loam	Alden	80	Depressions	Yes	2B3, 3
Ca: Carlisle muck	Carlisle	80	Marshes, Swamps	Yes	1, 3
Fh: Fluvaquents and Medisaprists, ponded	Fluvaquents	40	Flood plains	Yes	2B3, 3, 4
	Medisaprists	35	Marshes, Swamps	Yes	1, 3
Fr: Fredon loam	Fredon, poorly drained	50	Terraces	Yes	2B3
Ip: Ipswich muck	Ipswich	80	Tidal marshes	Yes	1, 3
Pa: Palms muck	Palms	80	Marshes, Swamps	Yes	1, 3
Ra: Rippowam sandy loam	Rippowam	80	Flood plains	Yes	2B3
Sa: Sloan silt loam	Sloan	80	Flood plains	Yes	2B3, 3
Uw: Udorthents, wet substratum	Udorthents, wet substratum	80	---	Yes	---

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.

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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.