

Hydric Soils

Nassau County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
At: Atsion loamy sand	Atsion	90	Depressions	Yes	2B3
Bd: Berryland mucky loamy sand	Berryland	85	Depressions	Yes	2B3
Fr: Freetown muck	Freetown	96	Marshes, Swamps	Yes	1
Ip: Ipswich mucky peat	Ipswich	90	Tidal marshes	Yes	1, 3
Ma: Manahawkin muck	Manahawkin	80	Marshes, Swamps	Yes	1, 3
Mc: Matunuck mucky peat	Matunuck	85	Tidal marshes	Yes	2B2, 3
Pa: Pawcatuck mucky peat	Pawcatuck	75	Tidal marshes	Yes	1, 3
Wd: Walpole sandy loam	Walpole	85	Depressions	Yes	2B3

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.