

# Hydric Soils

Rensselaer County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
AnA: Alden silt loam, 0 to 3 percent slopes	Alden	80	Depressions	Yes	2B3, 3
AoA: Alden very stony silt loam, 0 to 3 percent slopes	Alden, very stony	75	Depressions	Yes	2B3, 3
BrA: * Brayton very stony silt loam, nearly level	Brayton, poorly drained	50	Depressions	Yes	2B3
CaA: Carlisle muck, 0 to 1 percent slopes	Carlisle	80	Marshes, Swamps	Yes	1, 3
FIA: * Fluvaquents-Udifuluents complex, 0 to 3 percent slopes	Fluvaquents	45	Flood plains	Yes	2B1, 3, 4
FrA: * Fredon silt loam, 0 to 4 percent slopes	Fredon, poorly drained	50	Terraces, Valley trains	Yes	2B3
LmA: Limerick silt loam, 0 to 3 percent slopes	Limerick	85	Flood plains	Yes	2B3
LoA: Loxley and Beseman mucks, 0 to 1 percent slopes	Loxley	60	Marshes, Swamps	Yes	1, 3
	Beseman	25	Depressions	Yes	1, 3
MbA: Madalin silt loam, 0 to 3 percent slopes	Madalin	80	Depressions	Yes	2B3, 3
PaA: Palms muck, 0 to 1 percent slopes	Palms	85	Marshes, Swamps	Yes	1, 3
RaA: * Raynham silt loam, 0 to 5 percent slopes	Raynham, poorly drained	50	Lake plains	Yes	2B3
Sa: Sapristis and Aquents, ponded	Sapristis	50	Depressions	Yes	1, 3
	Aquents	40	Flood plains	Yes	2B1, 3
SwA: * Shaker very fine sandy loam, sandy substratum, 0 to 4 percent slopes	Shaker, poorly drained	50	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.