Hydric Soils

Chenango County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ad:					
Alden silt loam	Alden	80	Depressions	Yes	2B3, 3
At:					
Atherton silt loam	Atherton	80	Depressions	Yes	2B3, 3
Ca:					
Canandaigua silt loam	Canandaigua	80	Depressions	Yes	2B3, 3
Cc:					
Carlisle muck	Carlisle	80	Marshes, Swamps	Yes	1, 3
Cm:					
Chippewa and Norwich soils	Chippewa	40	Depressions	Yes	2B3
	Norwich	40	Depressions	Yes	2B3
Cn:					
Chippewa and Norwich very stony silt loams	Chippewa, very stony	45	Depressions	Yes	2B3
	Norwich, very stony	35	Depressions	Yes	2B3
Ra: *					
Raynham silt loam	Raynham, poorly drained	50	Lake plains	Yes	2B3
Sa:					
Saprists and Aquents, ponded	Saprists	40	Marshes, Swamps	Yes	1, 3
	Aquents	35	Depressions	Yes	2B3, 3
Tu: *					
Tuller channery silt loam	Tuller, poorly drained	25	Benches, Hills, Ridges	Yes	2B3
Ud: *					
Udifluvents-Fluvaquents complex, frequently flooded	Fluvaquents	30	Flood plains	Yes	2B3, 3, 4
Wa:					
Wayland silt loam	Wayland	70	Flood plains	Yes	2B3, 3, 4

***** 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.