Hydric Soils

Cortland County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
AaA:					
Alden and Birdsall silt loams, 0 to 3 percent slopes	Alden	40	Depressions	Yes	2B3, 3
	Birdsall, gravelly substratum	35	Depressions	Yes	2B3, 3
Ab: *					
Alluvial land	Fluvaquents	35	Flood plains	Yes	2B3, 3, 4
AdA:					
Atherton silt loam, 0 to 3 percent slopes	Atherton	75	Depressions	Yes	2B3, 3
BdA:					
Birdsall silt loam, over gravel, 0 to 1 percent slopes	Birdsall	75	Depressions	Yes	2B3, 3
CeA:					
Chippewa channery silt loam, 0 to 3 percent slopes	Chippewa	75	Depressions	Yes	2B3
CeB:					
Chippewa channery silt loam, 3 to 8 percent slopes	Chippewa	75	Depressions	Yes	2B3
EaA:					
Ellery channery silt loam, 0 to 3 percent slopes	Ellery (chippewa)	75	Depressions	Yes	2B3
EaB:					
Ellery channery silt loam, 3 to 8 percent slopes	Ellery (chippewa)	80	Depressions	Yes	2B3
HaA:					
Holly silt loam, 0 to 1 percent slopes	Holly	80	Flood plains	Yes	2B3, 3, 4
HbA: *					
Homer silt loam, 0 to 2 percent slopes	Homer, poorly drained	50	Deltas, Outwash plains, Terraces	Yes	2B3
KaB: *					
Kendaia silt loam, 1 to 6 percent slopes	Kendaia, poorly drained	30	Drumlins, Till plains	Yes	---
Mc:					
Muck	Saprists	75	Marshes, Swamps	Yes	1, 3
PcA:					
Papakating mucky silt loam, 0 to 1 percent slopes	Papakating (wayland)	75	Flood plains	Yes	2B3, 3, 4

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SbA:					
Sloan mucky silt loam, 0 to 1 percent slopes	Sloan	75	Flood plains	Yes	2B3, 3
WbA:					
Wayland silt loam, 0 to 1 percent slopes	Wayland	75	Flood plains	Yes	2B3, 3, 4

***** 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.