Hydric Soils

Schenectady County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ca:					
Carlisle muck	Carlisle	80	Marshes, Swamps	Yes	1, 3
Ce:					
Cheektowaga fine sandy loam	Cheektowaga	75	Depressions	Yes	2B2, 3
FL:					
Fluvaquents, loamy	Fluvaquents	75	Flood plains	Yes	2B3, 3, 4
Fr: *					
Fredon silt loam	Fredon, poorly drained	50	Depressions	Yes	2B3
Gr:					
Granby loamy fine sand	Granby	75	Depressions	Yes	2B2, 3
IlA:					
Ilion silt loam, 0 to 3 percent slopes	Ilion	75	Depressions	Yes	2B3, 3
IlB:					
Ilion silt loam, 3 to 8 percent slopes	Ilion	75	Depressions	Yes	2B3, 3
InB:					
Ilion very stony silt loam, 0 to 8 percent slopes	Ilion	75	Depressions	Yes	2B3, 3
Ju: *					
Junius loamy fine sand	Junius, poorly drained	50	Deltas, Lake plains	Yes	2B3
Ma:					
Madalin silty clay loam	Madalin	75	Depressions	Yes	2B3, 3
Pb:					
Palms muck	Palms	75	Marshes, Swamps	Yes	1, 3
SA:					
Saprists and Aquents	Saprists	45	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
TvA: *					
Tuller-Brockport complex, 0 to 3 percent slopes	Tuller, poorly drained	15	Benches, Hills, Ridges	Yes	2B3
TvB: *					
Tuller-Brockport complex, 3 to 8 percent slopes	Tuller, poorly drained	15	Benches, Hills, Ridges	Yes	2B3

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VaA:					
Varick silt loam, 0 to 3 percent slopes	Varick	70	Depressions	Yes	2B3
VaB:					
Varick silt loam, 3 to 8 percent slopes	Varick	75	Depressions	Yes	2B3
Wy:					
Wayland silt loam	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.