Hydric Soils

Herkimer County, New York, Southern Part

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Aa:					
Allis silt loam	Allis	80	Depressions	Yes	2B3
Ad:					
Alluvial land	Fluvaquents	40	Flood plains	Yes	2B3, 3, 4
Cm:					
Carlisle muck	Carlisle	75	Marshes, Swamps	Yes	1, 3
Co:					
Cohoctah mucky very fine sandy loam	Cohoctah	75	Flood plains	Yes	2B3, 4
Fr:					
Fredon fine sandy loam	Fredon, poorly drained	50	Terraces, Valley trains	Yes	2B3
Fw:					
Fresh water marsh	Aquents	35	Flood plains	Yes	2B3, 3
	Saprists	35	Depressions	Yes	1, 3
Ha:					
Halsey soils	Halsey	75	Depressions	Yes	2B3, 3
In:					
Ilion silt loam	Ilion	75	Depressions	Yes	2B3, 3
Is:					
Ilion and Sun very stony silt loams	Ilion	40	Depressions	Yes	2B3, 3
	Sun	35	Depressions	Yes	2B3, 3
Lk:					
Lamson mucky silt loam	Lamson	75	Depressions	Yes	2B3, 3
Ly:					
Lyons mucky silt loam	Lyons	75	Depressions	Yes	2B3, 3
Pk:					
Palms muck	Palms	75	Marshes, Swamps	Yes	1, 3
RaB:					
Raynham silt loam, 0 to 4 percent slopes	Raynham, poorly drained	50	Lake plains	Yes	2B3

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Sm:					
Sun mucky silt loam	Sun	75	Depressions	Yes	2B3, 3
Wd:					
Wayland silt loam	Wayland	80	Flood plains	Yes	2B3, 3, 4

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.