

Hydric Soils

Putnam County, New York

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
Ce: Carlisle muck	Carlisle	80	Marshes, Swamps	Yes	1, 3
Ff: * Fluvaquents-Udifluvents complex, frequently flooded	Fluvaquents	50	Flood plains	Yes	2B3, 3, 4
Fr: * Fredon silt loam	Fredon, poorly drained	50	Depressions	Yes	2B3
Ip: Ipswich mucky peat	Ipswich	85	Tidal marshes	Yes	1, 3, 4
LcA: * Leicester loam, 0 to 3 percent slopes, stony	Leicester, poorly drained	50	Depressions	Yes	2B3
LcB: * Leicester loam, 3 to 8 percent slopes, stony	Leicester, poorly drained	35	Hills, Ridges, Till plains	Yes	2B3
LeB: * Leicester loam, 2 to 8 percent slopes, very stony	Leicester, poorly drained	25	Hills, Ridges, Till plains	Yes	2B3
Pa: Palms muck	Palms	80	Marshes, Swamps	Yes	1, 3
Pc: Palms and Carlisle soils, ponded	Palms	45	Marshes, Swamps	Yes	1, 3
	Carlisle	40	Depressions	Yes	1, 3
Ra: Raynham silt loam	Raynham	85	Depressions	Yes	2B3
RdA: * Ridgebury loam, 0 to 3 percent slopes	Ridgebury, poorly drained	50	Depressions	Yes	2B3
RdB: * Ridgebury loam, 3 to 8 percent slopes	Ridgebury, poorly drained	35	Drumlinoid ridges, Hills, Till plains	Yes	2B3
RgB: * Ridgebury loam, 2 to 8 percent slopes, very stony	Ridgebury, poorly drained	35	Drumlinoid ridges, Hills, Till plains	Yes	2B3
Sh: Sun loam	Sun	85	Depressions	Yes	2B3, 3

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Sm: Sun loam, extremely stony	Sun	85	Depressions	Yes	2B3, 3
UrB: * Urban land-Ridgebury complex, 1 to 8 percent slopes	Ridgebury, poorly drained	10	Drumlinoid ridges, Hills, Till plains	Yes	2B3

* 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.