

Hydric Soils

Dukes County, Massachusetts

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
11A:					
Berryland loamy sand, 0 to 2 percent slopes	Berryland	75	Terraces	Yes	2B3, 3
	Freetown	10	Bogs	Yes	1
	Swansea	10	Bogs	Yes	1
54A:					
Freetown and Swansea mucks, 0 to 1 percent slopes	Freetown	45	Bogs	Yes	1
	Swansea	35	Bogs	Yes	1
	Berryland	10	Terraces	Yes	2B3, 3
	Whitman Variant	5	Depressions	Yes	2B3, 3
64A:					
Pawcatuck and Matunuck mucky peats, 0 to 1 percent slopes	Pawcatuck	50	Marshes	Yes	1, 3
	Matunuck	35	Marshes	Yes	2B2, 3
	Berryland	5	Terraces	Yes	2B3, 3
82A:					
Whitman Variant silt loam, 0 to 3 percent slopes	Whitman Variant	70	Depressions	Yes	2B3, 3
	Ridgebury Variant	15	Depressions	Yes	2B3
	Swansea	10	Bogs	Yes	1
	Freetown	5	Bogs	Yes	1
84A:					
Whitman Variant silt loam, 0 to 3 percent slopes, very stony	Whitman Variant	70	Depressions	Yes	2B3, 3
	Ridgebury Variant	15	Depressions	Yes	2B3
	Swansea	10	Bogs	Yes	1
	Freetown	5	Bogs	Yes	1

Hydric Soils

Dukes County, Massachusetts

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
87A:					
Ridgebury Variant fine sandy loam, 0 to 3 percent slopes	Ridgebury Variant	70	Depressions	Yes	2B3
	Whitman Variant	15	Depressions	Yes	2B3, 3
88A:					
Ridgebury Variant fine sandy loam, 0 to 3 percent slopes, very stony	Ridgebury Variant	70	Depressions	Yes	2B3
	Whitman Variant	15	Depressions	Yes	2B3, 3
181D:					
Chilmark sandy loam, 15 to 25 percent slopes, very stony	Ridgebury Variant	3	Depressions	Yes	2B3
	Whitman Variant	2	Depressions	Yes	2B3, 3
259D:					
Carver loamy coarse sand, 15 to 25 percent slopes	Berryland	2	Terraces	Yes	2B3, 3
264D:					
Eastchop loamy sand, 15 to 35 percent slopes	Whitman Variant	3	Depressions	Yes	2B3, 3
	Berryland	2	Terraces	Yes	2B3, 3
285D:					
Eastchop loamy sand, 15 to 35 percent slopes, very stony	Whitman Variant	3	Depressions	Yes	2B3, 3
	Berryland	2	Terraces	Yes	2B3, 3
308A:					
Moshup loam, 0 to 3 percent slopes	Ridgebury Variant	5	Depressions	Yes	2B3
308B:					
Moshup loam, 3 to 8 percent slopes	Ridgebury Variant	5	Depressions	Yes	2B3
309B:					
Moshup loam, 0 to 8 percent slopes, very stony	Ridgebury Variant	5	Depressions	Yes	2B3
408A:					
Pompton sandy loam, 0 to 3 percent slopes	Berryland	5	Terraces	Yes	2B3, 3
498D:					
Nantucket-Plymouth complex, hilly, very stony	Whitman Variant	5	Depressions	Yes	2B3, 3

Hydric Soils

Dukes County, Massachusetts

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
610: Beaches	Matunuck	3	Marshes	Yes	2B2, 3
	Pawcatuck	2	Marshes	Yes	1, 3
702C: Udipsamments, rolling	Matunuck	5	Marshes	Yes	2B2, 3
	Pawcatuck	5	Marshes	Yes	1, 3

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.