

Hydric Soils

Middlesex County, Massachusetts

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
2A:					
Pootatuck fine sandy loam, 0 to 3 percent slopes	Rippowam	10	Alluvial flats	Yes	2B3
4A:					
Rippowam fine sandy loam, 0 to 3 percent slopes	Rippowam	80	Alluvial flats	Yes	2B3
	Saco	10	Alluvial flats, Terraces	Yes	2B3
	Limerick	5	Alluvial flats, Terraces	Yes	2B3
6A:					
Scarboro mucky fine sandy loam, 0 to 3 percent slopes	Scarboro	90	Terraces	Yes	2B3, 3
	Wareham	4	Deltas, Depressions, Terraces	Yes	2B2
	Birdsall	2	Depressions, Flats	Yes	2B3, 3
	Raypol	2	Depressions, Terraces	Yes	2B3
	Swansea	2	Bogs, Depressions	Yes	1
8A:					
Limerick silt loam, 0 to 3 percent slopes	Limerick	90	Alluvial flats, Terraces	Yes	2B3
	Saco	8	Alluvial flats, Terraces	Yes	2B3
	Rippowam	2	Alluvial flats	Yes	2B3
30B:					
Raynham silt loam, 0 to 5 percent slopes	Raynham	80	Depressions	Yes	2B3
	Birdsall	10	Depressions, Flats	Yes	2B3, 3
	Raypol	5	Depressions, Terraces	Yes	2B3
	Wareham	5	Deltas, Depressions, Terraces	Yes	2B2
32B:					
Wareham loamy fine sand, 0 to 5 percent slopes	Wareham	80	Deltas, Depressions, Terraces	Yes	2B2
	Scarboro	5	Terraces	Yes	2B3, 3

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33B:					
Raypol silt loam, 0 to 5 percent slopes	Raypol	80	Depressions, Terraces	Yes	2B3
	Raynham	8	Depressions	Yes	2B3
	Wareham	8	Deltas, Depressions, Terraces	Yes	2B2
	Birdsall	2	Depressions, Flats	Yes	2B3, 3
36A:					
Saco mucky silt loam, 0 to 1 percent slopes	Saco	80	Alluvial flats, Terraces	Yes	2B3
	Freetown	8	Bogs, Depressions	Yes	1
	Swansea	8	Bogs, Depressions	Yes	1
	Limerick	4	Alluvial flats, Terraces	Yes	2B3
44A:					
Birdsall mucky silt loam, 0 to 1 percent slopes	Birdsall	90	Depressions, Flats	Yes	2B3, 3
	Wareham	4	Deltas, Depressions, Terraces	Yes	2B2
	Raypol	2	Depressions, Terraces	Yes	2B3
	Scarboro	2	Terraces	Yes	2B3, 3
	Swansea	2	Bogs, Depressions	Yes	1
51A:					
Swansea muck, 0 to 1 percent slopes	Swansea	85	Bogs, Depressions	Yes	1
	Freetown	5	Bogs, Depressions	Yes	1
	Saco	5	Alluvial flats, Terraces	Yes	2B3
	Scarboro	3	Terraces	Yes	2B3, 3
	Birdsall	2	Depressions, Flats	Yes	2B3, 3

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52A:					
Freetown muck, 0 to 1 percent slopes	Freetown	85	Bogs, Depressions	Yes	1
	Freetown, ponded	5	Bogs, Depressions	Yes	1, 3
	Scarboro	5	Terraces	Yes	2B3, 3
	Swansea	5	Bogs, Depressions	Yes	1
53A:					
Freetown muck, ponded, 0 to 1 percent slopes	Freetown, ponded	90	Bogs, Depressions	Yes	1, 3
	Freetown	5	Bogs, Depressions	Yes	1
	Swansea	3	Bogs, Depressions	Yes	1
	Scarboro	2	Terraces	Yes	2B3, 3
71B:					
Ridgebury fine sandy loam, 3 to 8 percent slopes, extremely stony	Ridgebury	85	Depressions, Drainageways	Yes	2B3
	Whitman	5	Depressions, Drainageways	Yes	2B3, 3
73B:					
Whitman fine sandy loam, 0 to 5 percent slopes, extremely stony	Whitman	80	Depressions, Drainageways	Yes	2B3, 3
	Ridgebury	10	Depressions, Drainageways	Yes	2B3
	Birdsall	3	Depressions, Flats	Yes	2B3, 3
98A:					
Winooski very fine sandy loam, 0 to 3 percent slopes	Limerick	10	Alluvial flats, Terraces	Yes	2B3
105E:					
Rock outcrop-Hollis complex, 3 to 35 percent slopes	Whitman	3	Depressions, Drainageways	Yes	2B3, 3
	Swansea	1	Bogs, Depressions	Yes	1
256A:					
Deerfield loamy sand, 0 to 3 percent slopes	Wareham	3	Deltas, Depressions, Terraces	Yes	2B2
256B:					
Deerfield loamy sand, 3 to 8 percent slopes	Wareham	2	Deltas, Depressions, Terraces	Yes	2B2

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260B: Sudbury fine sandy loam, 3 to 8 percent slopes	Wareham	4	Deltas, Depressions, Terraces	Yes	2B2
261A: Tisbury silt loam, 0 to 3 percent slopes	Raypol	5	Depressions, Terraces	Yes	2B3
	Wareham	5	Deltas, Depressions, Terraces	Yes	2B2
261B: Tisbury silt loam, 3 to 8 percent slopes	Raypol	7	Depressions, Terraces	Yes	2B3
	Wareham	2	Deltas, Depressions, Terraces	Yes	2B2
305B: Paxton fine sandy loam, 3 to 8 percent slopes	Ridgebury	2	Depressions, Drainageways	Yes	2B3
307B: Paxton fine sandy loam, 3 to 8 percent slopes, extremely stony	Ridgebury	2	Depressions, Drainageways	Yes	2B3
310A: Woodbridge fine sandy loam, 0 to 3 percent slopes	Ridgebury	5	Depressions, Drainageways	Yes	2B3
310B: Woodbridge fine sandy loam, 3 to 8 percent slopes	Ridgebury	2	Depressions, Drainageways	Yes	2B3
310C: Woodbridge fine sandy loam, 8 to 15 percent slopes	Ridgebury	1	Depressions, Drainageways	Yes	2B3
311B: Woodbridge fine sandy loam, 3 to 8 percent slopes, very stony	Ridgebury	2	Depressions, Drainageways	Yes	2B3
311C: Woodbridge fine sandy loam, 8 to 15 percent slopes, very stony	Ridgebury	2	Depressions, Drainageways	Yes	2B3
312B: Woodbridge fine sandy loam, 3 to 8 percent slopes, extremely stony	Ridgebury	2	Depressions, Drainageways	Yes	2B3
312C: Woodbridge fine sandy loam, 8 to 15 percent slopes, extremely stony	Ridgebury	2	Depressions, Drainageways	Yes	2B3
315B: Scituate fine sandy loam, 3 to 8 percent slopes	Ridgebury	5	Depressions, Drainageways	Yes	2B3

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315C: Scituate fine sandy loam, 8 to 15 percent slopes	Ridgebury	3	Depressions, Drainageways	Yes	2B3
317B: Scituate fine sandy loam, 3 to 8 percent slopes, extremely stony	Ridgebury	5	Depressions, Drainageways	Yes	2B3
317C: Scituate fine sandy loam, 8 to 15 percent slopes, extremely stony	Ridgebury	2	Depressions, Drainageways	Yes	2B3
345A: Pittstown silt loam, 0 to 3 percent slopes	Ridgebury	5	Depressions, Drainageways	Yes	2B3
345B: Pittstown silt loam, 3 to 8 percent slopes	Ridgebury	5	Depressions, Drainageways	Yes	2B3
405B: Charlton fine sandy loam, 3 to 8 percent slopes	Ridgebury	2	Depressions, Drainageways	Yes	2B3
	Whitman	2	Depressions, Drainageways	Yes	2B3, 3
405C: Charlton fine sandy loam, 8 to 15 percent slopes	Ridgebury	4	Depressions, Drainageways	Yes	2B3
407B: Charlton fine sandy loam, 3 to 8 percent slopes, extremely stony	Ridgebury	3	Depressions, Drainageways	Yes	2B3
407C: Charlton fine sandy loam, 8 to 15 percent slopes, extremely stony	Ridgebury	2	Depressions, Drainageways	Yes	2B3
407D: Charlton fine sandy loam, 15 to 25 percent slopes, extremely stony	Ridgebury	1	Depressions, Drainageways	Yes	2B3
623C: Woodbridge-Urban land complex, 3 to 15 percent slopes	Ridgebury	3	Depressions, Drainageways	Yes	2B3
654: Udorthents, loamy	Udorthents, wet substratum	5	---	Yes	---
655: Udorthents, wet substratum	Freetown	4	Bogs, Depressions	Yes	1
	Swansea	3	Bogs, Depressions	Yes	1

Explanation of hydric criteria codes:

1. All Histels except for Folistels, and Histosols except for Folists.

Hydric Soils

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.