

PLYMOUTH COUNTY, MASSACHUSETTS, HYDRIC SOILS LIST
FOR 1969 SOIL SURVEY

NATURAL RESOURCES CONSERVATION SERVICE

Update in progress. If you have questions, call the soil survey office at 508 295-5151 x 112

Publ. Symbol	State Symbol	Map Unit Name	hydric rating	hydric criteria
AfA	275A	Agawam fine sandy loam, 0 to 3 % slopes	n	-
		inclusions: Windsor	n	-
		Merrimac	n	-
		Ninigret	n	-
AfB	275B	Agawam fine sandy loam, 3 to 8 % slopes	n	-
		inclusions: Windsor	n	-
		Merrimac	n	-
		Ninigret	n	-
AgA	277A	Agawam fine sandy loam, silty subsoil variant, 0 to 3% slopes	n	-
		inclusions: Windsor	n	-
		Merrimac	n	-
		Ninigret	n	-
AgB	277B	Agawam fine sandy loam, silty subsoil variant, 3 to 8 % slopes	n	-
		inclusions: Windsor	n	-
		Merrimac	n	-
		Ninigret	n	-
AuA	42A	Augres and Wareham loamy sands, 0 to 3 % slopes	y	2B2
		inclusions: Walpole	y	2B2
		Scarboro	y	2B2
		Deerfield	n	-
AuB	42B	Augres and Wareham loamy sands, 3 to 8 % slopes	y	
		inclusions: Walpole	y	2B2
		Scarboro	y	2B2
		Deerfield	n	-
BaA	225A	Belgrade silt loam, 0 to 3 % slopes	n	-
		inclusions: Walpole	y	2B2
		Raynham	y	2B3
BaB	225B	Belgrade silt loam, 3 to 8 % slopes	n	-
		inclusions: Walpole	y	2B2
		Raynham	y	2B3
BbB	330B	Bernardston silt loam, 3 to 8 % slopes	n	-
		inclusions: Pittstown	n	-
BbC	330C	Bernardston silt loam, 8 to 15 % slopes	n	-
		inclusions: Pittstown	n	-
BcB	331B	Bernardston silt loam, very stony, 3 to 8 % slopes	n	-
		inclusions: Pittstown	n	-
BcD	331D	Bernardston silt loam, very stony, 8 to 25 % slopes	n	-
		inclusions: Pittstown	n	-
BdA	9A	Birdsall silt loam, 0 to 3 % slopes	y	2B3
		inclusions: Scarboro	y	2B2
		Raynham	y	2B3
Bo	654C	Borrow land, loamy material, 0 to 15 % slopes	-	-
Br	600	Borrow land, sandy & gravelly	-	-
BsA	47A	Brockton loam, 0 to 3 % slopes	y	2B3
		inclusions: Whitman	y	2B3
		Scituate	n	-
BtA	48A	Brockton loam, extremely stony, 0 to 3 % slopes	y	2B3
		inclusions: Whitman	y	2B3
		Scituate	n	-
CcD	292D	Carver and Gloucester soils, 8 to 35 % slopes	n	-
		Carver	n	-
		Gloucester	n	-
		inclusions: Hinckley	n	-
		Windsor	n	-

Publ. Symbol	State Symbol	Map Unit Name	hydric rating	hydric criteria		
CaA	252A	Carver coarse sand, 0 to 3 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
		Sudbury	n	-		
CaB	252B	Carver coarse sand, 3 to 8 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
		Sudbury	n	-		
CaC	252C	Carver coarse sand, 8 to 15 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
		Sudbury	n	-		
CaE	252E	Carver coarse sand, 15 to 35 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
		Sudbury	n	-		
CbA	259A	Carver loamy coarse sand, 0 to 3 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
		Sudbury	n	-		
CbB	259B	Carver loamy coarse sand, 3 to 8 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
		Sudbury	n	-		
CbC	259C	Carver loamy coarse sand, 8 to 15 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
		Sudbury	n	-		
DeA	249A	Deerfield sandy loam, 0 to 3 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
DeB	249B	Deerfield sandy loam, 3 to 8 % slopes	n	-		
		inclusions: Wareham	y	2B2		
		Windsor	n	-		
Du	611	Dune Land and coastal beach	n	-		
		inclusions: Ipswich	y	1, 3		
		Udipsamments	n	-		
EnA	265A	Enfield very fine sandy loam, 0 to 3 % slopes	n	-		
		inclusions: Merrimac	n	-		
		Carver	n	-		
		Hinckley	n	-		
EnB	265B	Enfield very fine sandy loam, 3 to 8 % slopes	n	-		
		inclusions: Merrimac	n	-		
		Carver	n	-		
		Hinckley	n	-		
EnC	265C	Enfield very fine sandy loam, 8 to 15 % slopes	n	-		
		inclusions: Merrimac	n	-		
		Carver	n	-		
		Hinckley	n	-		
EsA	385A	Essex coarse sandy loam, 0 to 3 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Scituate	n	-		
EsB	385B	Essex coarse sandy loam, 3 to 8 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Scituate	n	-		
EsC	385C	Essex coarse sandy loam, 8 to 15 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Scituate	n	-		

Publ. Symbol	State Symbol	Map Unit Name	hydric rating	hydric criteria		
EtB	386B	Essex coarse sandy loam, very stony, 3 to 8 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Scituate	n	-		
EtC	386C	Essex coarse sandy loam, very stony, 8 to 15 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Scituate	n	-		
EtD	386D	Essex coarse sandy loam, very stony, 15 to 25 % slopes	n	-		
		inclusion: Gloucester	n	-		
		Scituate	n	-		
EuB	387B	Essex coarse sandy loam, extremely stony, 3 to 8 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Scituate	n	-		
EuC	387C	Essex coarse sandy loam, extremely stony, 8 to 25 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Scituate	n	-		
Fr	53A	Fresh water marsh, 0 to 3 % slopes	y	1, 3		
		Potential inclusions: Swansea	y	1, 3		
		Scarboro	y	2B2		
GaA	448A	Gloucester fine sandy loam, firm substratum, 0 to 3 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GaB	448B	Gloucester fine sandy loam, firm substratum, 3 to 8 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GaC	448C	Gloucester fine sandy loam, firm substratum, 8 to 15 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GcB	755B	Gloucester fine sandy loam, firm substratum, very stony, 3 to 8 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GcC	755C	Gloucester fine sandy loam, firm substratum, very stony, 8 to 15 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GcD	755D	Gloucester fine sandy loam, firm substratum, very stony, 15 to 25 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GbA	752A	Gloucester loamy sand, 0 to 3 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GbB	752B	Gloucester loamy sand, 3 to 8 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GbC	752C	Gloucester loamy sand, 8 to 15 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GdB	753B	Gloucester loamy sand, very stony, 3 to 8 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GdC	753C	Gloucester loamy sand, very stony, 8 to 15 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GeB	754B	Gloucester loamy sand, extremely stony, 3 to 15 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		
GeD	754E	Gloucester loamy sand, extremely stony, 15 to 35 % slopes	n	-		
		inclusions: Hinckley	n	-		
		Scituate	n	-		

Publ. Symbol	State Symbol	Map Unit Name	hydric rating	hydric criteria		
HaA	241A	Hinckley gravelly loamy sand, 0 to 3 % slopes	n	-		
		inclusions: Windsor	n	-		
		Deerfield	n	-		
HaB	241B	Hinckley gravelly loamy sand, 3 to 8 % slopes	n	-		
		inclusions: Windsor	n	-		
		Deerfield	n	-		
HaC	241C	Hinckley gravelly loamy sand, 8 to 15 % slopes	n	-		
		inclusions: Windsor	n	-		
		Deerfield	n	-		
HaE	241E	Hinckley gravelly loamy sand, 15 to 25 % slopes	n	-		
		inclusion: Windsor	n	-		
HoB	638B	Hollis-Charlton fine sandy loams, 3 to 8 % slopes	n	-		
		Hollis	n	-		
		Charlton	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Rock Outcrop	n	-		
HpC	756C	Hollis-Charlton fine sandy loams, very rocky, 3 to 15 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Rock Outcrop	n	-		
HrC	757C	Hollis-Charlton fine sandy loams, extremely rocky, 3 to 15 % slopes	n	-		
		inclusions: Ridgebury	y	2B3		
		Gloucester	n	-		
		Rock Outcrop	n	-		
HrD	756C	Hollis-Charlton fine sandy loams, very rocky, 15 to 25 % slopes	n	-		
		inclusion: Gloucester	n	-		
		Rock Outcrop	n	-		
Ma	656C	Made land, 0 to 15 % slopes	-	-		
MfA	254A	Merrimac sandy loam, 0 to 3 % slopes	n	-		
		inclusions: Sudbury	n	-		
		Deerfield	n	-		
MfB	254B	Merrimac sandy loam, 3 to 8 % slopes	n	-		
		inclusions: Sudbury	n	-		
		Deerfield	n	-		
MfC	254C	Merrimac sandy loam, 8 to 15 % slopes	n	-		
		inclusions: Sudbury	n	-		
		Deerfield	n	-		
MfE	254E	Merrimac sandy loam, 15 to 35 % slopes	n	-		
		inclusions: Windsor	n	-		
MeA	254A	Merrimac fine sandy loam, 0 to 3 % slopes	n	-		
		inclusions: Sudbury	n	-		
		Deerfield	n	-		
MeB	254B	Merrimac fine sandy loam, 3 to 8 % slopes	n	-		
		inclusions: Sudbury	n	-		
		Deerfield	n	-		
MeC	254C	Merrimac fine sandy loam, 8 to 15 % slopes	n	-		
		inclusions: Sudbury	n	-		
		Deerfield	n	-		
Mv	52A	Muck, deep, 0 to 3 % slopes	y	1, 3		
		inclusions: Scarborough	y	2B2		
		Swansea	y	1, 3		
Mu	51A	Muck, shallow, 0 to 3 % slopes	y	1, 3		
		inclusions: Freetown	y	1, 3		
		Scarboro	y	2B2		
NnA	279A	Ninigret sandy loam, silty subsoil variant, 0 to 3 % slopes	n	-		
		inclusions: Walpole	y	2B2		
		Agawam	n	-		
		Windsor	n	-		
NnB	279B	Ninigret sandy loam, silty subsoil variant, 3 to 8 % slopes	n	-		
		inclusions: Walpole	y	2B2		
		Agawam	n	-		
		Windsor	n	-		

Publ. Symbol	State Symbol	Map Unit Name	hydric rating	hydric criteria		
NoA	46A	Norwell sandy loam, 0 to 3 % slopes	y	2B3		
		inclusions: Brockton,	y	2B3		
		Scituate	n	-		
NoB	46B	Norwell sandy loam, 3 to 8 % slopes	y	2B3		
		inclusions: Brockton,	y	2B3		
		Scituate	n	-		
NpA	49A	Norwell sandy loam, extremely stony, 0 to 3 % slopes	y	2B3		
		inclusions: Brockton,	y	2B3		
		Scituate	n	-		
NpB	49B	Norwell sandy loam, extremely stony, 3 to 8 % slopes	y	2B3		
		inclusions: Brockton,	y	2B3		
		Scituate	n	-		
Pe	52A	Peat, 0 to 3 % slopes	y	1, 3		
		inclusions: Swansea	y	1, 3		
		Freetown	y	1, 3		
PtA	345A	Pittstown silt loam, 0 to 8 % slopes	n	-		
		inclusions: Norwell	y	2B3		
		Scituate	n	-		
PuB	346B	Pittstown silt loam, very stony, 3 to 15 % slopes	n	-		
		inclusions: Norwell	y	2B3		
		Scituate	n	-		
QuA	262A	Quonset sandy loam, 0 to 3 % slopes	n	-		
		inclusions: Windsor	n	-		
		Hinckley	n	-		
QuB	262B	Quonset sandy loam, 3 to 8 % slopes	n	-		
		inclusions: Windsor	n	-		
		Hinckley	n	-		
QuC	262C	Quonset sandy loam, 8 to 15 % slopes	n	-		
		inclusions: Windsor	n	-		
		Hinckley	n	-		
QuE	262E	Quonset sandy loam, 15 to 35 % slopes	n	-		
		inclusions: Windsor	n	-		
		Hinckley	n	-		
RaA	30A	Raynham silt loam, 0 to 3 % slopes	y	2B3		
		inclusions: Birdsall	y	2B3		
		Belgrade	n	-		
Sa	5A	Saco very fine sandy loam, 0 to 3 % slopes	y	1, 3		
		inclusions: Swansea	y	1, 3		
		Scarboro	y	2B2		
Sb	55A	Sanded muck, 0 to 3 % slopes	y	1, 3		
		inclusions: Swansea	y	1, 3		
SdA	20A	Scarboro fine sandy loam, silty subsoil variant, 0 to 3 % slopes	y	2B2		
		inclusions: Swansea	y	1, 3		
		Deerfield	n	-		
ScA	6A	Scarboro sandy loam, 0 to 3 % slopes	y	2B2		
		inclusions: Swansea	y	1, 3		
		Deerfield	n	-		
SeA	315A	Scituate sandy loam, 0 to 3 % slopes	n	-		
		inclusions: Norwell	y	2B3		
		Essex	n	-		
SeB	315B	Scituate sandy loam, 3 to 8 % slopes	n	-		
		inclusions: Norwell	y	2B3		
		Essex	n	-		
SfA	316A	Scituate sandy loam, very stony, 0 to 3 % slopes	n	-		
		inclusions: Norwell	y	2B3		
		Essex	n	-		
SfB	316B	Scituate sandy loam, very stony, 3 to 8 % slopes	n	-		
		inclusions: Norwell	y	2B3		
		Essex	n	-		
SgA	317A	Scituate sandy loam, extremely stony, 0 to 3 % slopes	n	-		
		inclusions: Norwell	y	2B3		
		Essex	n	-		
SgB	317B	Scituate sandy loam, extremely stony, 3 to 8 % slopes	n	-		
		inclusions: Norwell	y	2B3		
		Essex	n	-		

Publ. Symbol	State Symbol	Map Unit Name	hydric rating	hydric criteria
Td	66A	Tidal marsh, 0 to 3 % slopes	y	1, 4
TsA	261A	Tisbury very fine sandy loam, 0 to 8 % slopes	n	-
		inclusions: Walpole	y	2B2
		Merrimac	n	-
WaA	21A	Walpole fine sandy loam, silty subsoil variant, 0 to 3 % slopes	y	2B2
		inclusions: Scarboro	y	2B2
		Deerfield	n	-
WbA	266A	Warwick fine sandy loam, 0 to 3 % slopes	n	-
		inclusions: Sudbury	n	-
		Merrimac	n	-
WbB	266B	Warwick fine sandy loam, 3 to 8 % slopes	n	-
		inclusions: Sudbury	n	-
		Merrimac	n	-
WbC	266C	Warwick fine sandy loam, 8 to 15 % slopes	n	-
		inclusions: Sudbury	n	-
		Merrimac	n	-
WcC	268C	Warwick fine sandy loam, very rocky, 3 to 15 % slopes	n	-
		inclusions: Sudbury	n	-
		Merrimac	n	-
w/water	1	Water	-	-
-	606	Water, miscellaneous	-	-
-	608	Water, ocean	-	-
-	607	Water, saline	-	-
WnA	255A	Windsor loamy sand, 0 to 3 % slopes	n	-
		inclusions: Hinckley	n	-
		Deerfield	n	-
WnB	255B	Windsor loamy sand, 3 to 8 % slopes	n	-
		inclusions: Hinckley	n	-
		Deerfield	n	-
WnC	255C	Windsor loamy sand, 8 to 15 % slopes	n	-
		inclusions: Hinckley	n	-
		Deerfield	n	-
WnE	255E	Windsor loamy sand, 15 to 25 % slopes	n	-
		inclusion: Hinckley		
			A slope = 0 - 3 % slope, unless otherwise noted	
			B slope = 3 - 8 %	
			C slope = 8 - 15 %	
			D slope = 15 - 25 %	
			E slope = 25 - 45 %	
		HYDRIC SOILS CRITERIA CODES AND DEFINITIONS		
		1. All Histosols, except Folists, or		
		2. Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group		
		Pell great group of Vertisols, Pachic subgroup, or Cumulic subgroup that are:		
		A: somewhat poorly drained and have a frequently-occurring water table		
		less than 0.5 feet from the surface for a significant period (usually 14 consecutive		
		days or more) during the growing season, or		
		B: poorly drained or very poorly drained and have either:		
		(1) a frequently-occurring water table less than 0.5 feet from the surface for c		
		significant period (usually 14 consecutive days or more) during the growing		
		season if textures are coarse sand, sand, or fine sand in all layers within 20 inches, or for other soils		
		(2) a frequently-occurring water table less than 1 feet from the surface for c		
		significant period (usually 15 consecutive days or more) during the growing		
		season if permeability is equal to or greater than 6.0 in/hr in all layers within 20 inches, or		
		(3) a frequently-occurring water table less than 1.5 feet from the surface for c		
		significant period (usually 14 consecutive days or more) during the growing		
		season if permeability is less than 6.0 in/hr in any layers within 20 inches, or		
		3. Soils that are frequently ponded for long or very long duration during the growing season, or		
		4. Soils that are frequently flooded for long or very long duration during the growing season		