

HYDRIC SOILS, BARNSTABLE COUNTY, Massachusetts				
July, 2002		Natural Resources Conservation Service		
undulating = 0-8% slopes    rolling = 8-15% slopes    hilly = 15 - 35 % slopes				
bldry = bouldery    rlg = rolling    cplx = complex				
Publ.Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
W	1	Water	unranked	-
BmA	11A	Berryland mucky loamy coarse sand, 0 to 2% slopes	y	2B3,3
		Inclusions: Freetown muck	y	1,3
		Maybid silt loam	y	2B3,3
		Pipestone loamy coarse sand	y	2B2
		Swansea muck	y	1
		Walpole sandy loam, loamy substratum	y	2B3
MaA	12A	Maybid silt loam, 0 to 3% slopes	y	2B3,3
		Inclusions: Berryland mucky loamy coarse sand	y	2B3,3
		Scitico silt loam	y	2B3
		Swansea muck	y	1
		Walpole sandy loam, loamy substratum	y	2B3
MbA	13A	Maybid variant silty clay loam, 0 to 1% slopes	y	2B3
		Inclusions: Berryland mucky loamy coarse sand	y	2B3,3
		Swansea muck	y	1
ScA	14A	Scitico silt loam , 0 to 3% slopes	y	2B3
		Inclusions: Boxford silt loam	n	-
		Maybid silt loam	y	2B3,3
		Walpole sandy loam, loamy substratum	y	2B3
WvA	21A	Walpole sandy loam, loamy substratum, 0 to 3% slopes	y	2B3
		Inclusions: Amostown sandy loam	n	-
		Maybid silt loam	y	2B3,3
		Pipestone loamy coarse sand	y	2B2
		Scitico silt loam	y	2B3
PeA	38A	Pipestone loamy coarse sand, 0 to 3% slopes	y	2B2
		Inclusions: Berryland mucky loamy coarse sand	y	2B3,3
		Deerfield loamy fine sand	n	-
		Walpole sandy loam, loamy substratum	y	2B3
Fm	53A	Freetown mucky peat, ponded, 0 to 1 % slopes	y	1,3
		Inclusions: Freetown muck	y	1
		Swansea muck	y	1
Fs	54A	Freetown and Swansea mucks, 0 to 1 % slopes	y	1
		Freetown muck	y	1
		Swansea muck	y	1
		Inclusions: Maybid silt loam	y	2B3,3
		Berryland mucky loamy coarse sand	y	2B3,3
		Pipestone loamy coarse sand	y	2B2
Ft	55A	Freetown coarse sand, 0 to 1 % slopes	y	1
		Inclusions: Berryland mucky loamy coarse sand	y	2B3,3
		Pipestone loamy coarse sand	y	2B2
		Swansea muck	y	1

Publ.Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
ImA	66A	Ipswich-Pawcatuck-Matunuck complex, 0 to 1 % slopes	y	1,3
		Inclusions: Beaches	unranked	-
		Hooksan sand	n	-
		Dune Land	unranked	-
BoA	220A	Boxford silt loam, 0 to 3% slopes	n	-
		Inclusions: Amostown sandy loam	n	-
		Belgrade silt loam	n	-
		Scitico silt loam	y	2B3
BoB	220B	Boxford silt loam, 3 to 8 % slopes	n	-
		Inclusions: Belgrade silt loam	n	-
		Amostown sandy loam	n	-
		Scitico silt loam	y	2B3
HnA	224A	Hinesburg sandy loam, 0 to 3% slopes	n	-
		Inclusions: Amostown sandy loam	n	-
		Carver coarse sand	n	-
		Plymouth loamy coarse sand	n	-
HnB	224B	Hinesburg sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Amostown sandy loam	n	-
		Carver coarse sand	n	-
		Plymouth loamy coarse sand	n	-
HnC	224C	Hinesburg sandy loam, 8 to 15% slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Plymouth loamy coarse sand	n	-
BIB	225B	Belgrade silt loam, 3 to 8 % slopes	n	-
		Inclusions: Amostown sandy loam	n	-
		Boxford silt loam	n	-
		Scitico silt loam	y	2B3
		Walpole sandy loam, loamy substratum	y	2B3
HkC	242C	Hinckley gravelly sandy loam, 8 to 15% slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Merrimac sandy loam	n	-
		Plymouth loamy coarse sand	n	-
HkD	242D	Hinckley gravelly sandy loam, 15 to 35% slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Merrimac sandy loam	n	-
		Plymouth loamy coarse sand	n	-
		Barnstable sandy loam	n	-
HeA	245A	Hinckley sandy loam, 0 to 3% slopes	n	-
		Inclusions: Enfield silt loam	n	-
		Merrimac sandy loam	n	-
		Plymouth loamy coarse sand	n	-
		Carver coarse sand	n	-
HeB	245B	Hinckley sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Plymouth loamy coarse sand	n	-
		Merrimac sandy loam	n	-
		Carver coarse sand	n	-
		Enfield silt loam	n	-

Publ.Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
CdA	252A	Carver coarse sand, 0 to 3% slopes	n	-
		Inclusions: Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
		Eastchop loamy fine sand	n	-
		Enfield silt loam	n	-
CdB	252B	Carver coarse sand, 3 to 8 % slopes	n	-
		Inclusions: Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
		Eastchop loamy fine sand	n	-
		Enfield silt loam	n	-
CdC	252C	Carver coarse sand, 8 to 15% slopes	n	-
		Inclusions: Merrimac sandy loam	n	-
		Hinckley sandy loam	n	-
		Eastchop loamy fine sand	n	-
		Plymouth loamy coarse sand	n	-
CdD	252D	Carver coarse sand, 15 to 35% slopes	n	-
		Inclusions: Eastchop loamy fine sand	n	-
		Hinckley gravelly sandy loam	n	-
		Plymouth loamy coarse sand	n	-
		Freetown muck	y	1
		Swansea muck	y	1
MeA	254A	Merrimac sandy loam, 0 to 3% slopes	n	-
		Inclusions: Enfield silt loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
MeB	254B	Merrimac sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Enfield silt loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
MeC	254C	Merrimac sandy loam, 8 to 15% slopes	n	-
		Inclusions: Enfield silt loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Plymouth loamy coarse sand	n	-
MeD	254D	Merrimac sandy loam, 15 to 25% slopes	n	-
		Inclusions: Hinckley sandy loam	n	-
		Carver coarse sand	n	-
		Eastchop loamy fine sand	n	-
		Plymouth loamy coarse sand	n	-
DeA	256A	Deerfield loamy fine sand, 0 to 5% slopes	n	-
		Inclusions: Amostown sandy loam	n	-
		Carver coarse sand	n	-
		Eastchop loamy fine sand	n	-
		Pipestone loamy coarse sand	y	2B2
		Sudbury fine sandy loam	n	-
AmA	258A	Amostown sandy loam, 0 to 5% slopes	n	-
		Inclusions: Belgrade silt loam	n	-
		Boxford silt loam	n	-
		Deerfield loamy fine sand	n	-
		Walpole sandy loam, loamy substratum	y	2B3

Publ.Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
CcA	259A	Carver loamy coarse sand, 0 to 3% slopes	n	-
		Inclusions: Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
		Eastchop loamy fine sand	n	-
		Enfield silt loam	n	-
CcB	259B	Carver loamy coarse sand, 3 to 8 % slopes	n	-
		Inclusions: Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
		Eastchop loamy fine sand	n	-
		Enfield silt loam	n	-
SdA	260A	Sudbury fine sandy loam, 0 to 3% slopes	n	-
		Inclusions: Amostown sandy loam	n	-
		Deerfield loamy fine sand	n	-
		Merrimac sandy loam	n	-
		Pipestone loamy coarse sand	y	2B2
CoB	263B	Carver-Hinesburg loamy coarse sands, undulating		
		Carver	n	-
		Hinesburg	n	-
		Inclusions: Amostown sandy loam	n	-
		Nantucket sandy loam	n	-
		Barnstable sandy loam	n	-
		Plymouth loamy coarse sand	n	-
CoC	263C	Carver-Hinesburg loamy coarse sands, rolling		
		Carver	n	-
		Hinesburg	n	-
		Inclusions: Hinckley sandy loam	n	-
		Nantucket sandy loam	n	-
		Plymouth loamy coarse sand	n	-
		Barnstable sandy loam	n	-
CoD	263D	Carver-Hinesburg loamy coarse sands, hilly		
		Carver	n	-
		Hinesburg	n	-
		Inclusions: Hinckley sandy loam	n	-
		Nantucket sandy loam	n	-
		Plymouth loamy coarse sand	n	-
		Barnstable sandy loam	n	-
EaA	264A	Eastchop loamy fine sand, 0 to 3% slopes	n	-
		Inclusions: Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
		Carver coarse sand	n	-
		Enfield silt loam	n	-
EaB	264B	Eastchop loamy fine sand, 3 to 8 % slopes	n	-
		Inclusions: Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
		Carver coarse sand	n	-
		Enfield silt loam	n	-
EaC	264C	Eastchop loamy fine sand, 8 to 15% slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
		Plymouth loamy coarse sand	n	-

Publ.Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
EnA	265A	Enfield silt loam, 0 to 3% slopes	n	-
		Inclusions: Merrimac sandy loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
EnB	265B	Enfield silt loam, 3 to 8 % slopes	n	-
		Inclusions: Merrimac sandy loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
EaC	265C	Enfield silt loam, 8 to 15% slopes	n	-
		Inclusions: Merrimac sandy loam	n	-
		Plymouth loamy coarse sand	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
Mg	299C	Merrimac-Udipsamments-Urban Land complex	n	-
		Inclusions: Carver coarse sand	n	-
		Enfield silt loam	n	-
NaB	380B	Nantucket sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Barnstable sandy loam	n	-
		Boxford silt loam	n	-
		Plymouth loamy coarse sand	n	-
NaC	380C	Nantucket sandy loam, 8 to 15% slopes	n	-
		Inclusions: Barnstable sandy loam	n	-
		Boxford silt loam	n	-
		Plymouth loamy coarse sand	n	-
NsB	381B	Nantucket sandy loam, stony, 3 to 8 % slopes	n	-
		Inclusions: Barnstable sandy loam	n	-
		Boxford silt loam	n	-
		Plymouth loamy coarse sand	n	-
NsC	381C	Nantucket sandy loam, stony, 8 to 15% slopes	n	-
		Inclusions: Barnstable sandy loam	n	-
		Boxford silt loam	n	-
		Plymouth loamy coarse sand	n	-
BaB	430B	Barnstable sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Plymouth loamy coarse sand	n	-
		Nantucket sandy loam	n	-
		Carver coarse sand	n	-
		Merrimac sandy loam	n	-
BaC	430C	Barnstable sandy loam, 8 to 15% slopes	n	-
		Inclusions: Plymouth loamy coarse sand	n	-
		Nantucket sandy loam	n	-
		Carver coarse sand	n	-
		Merrimac sandy loam	n	-
BbB	431B	Barnstable sandy loam, very stony, 3 to 8 % slopes	n	-
		Inclusions: Plymouth loamy coarse sand	n	-
		Nantucket sandy loam	n	-
		Carver coarse sand	n	-
BbC	431C	Barnstable sandy loam, very stony, 8 to 15% slopes	n	-
		Inclusions: Plymouth loamy coarse sand	n	-
		Nantucket sandy loam	n	-
		Carver coarse sand	n	-

Publ.Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
BbD	431D	Barnstable sandy loam, very stony, 15 to 25% slopes	n	-
		Inclusions: Plymouth loamy coarse sand	n	-
		Nantucket sandy loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
PmA	435A	Plymouth loamy coarse sand, 0 to 3% slopes	n	-
		Inclusions: Barnstable sandy loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
PmB	435B	Plymouth loamy coarse sand, 3 to 8 % slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Barnstable sandy loam	n	-
		Nantucket sandy loam	n	-
		Merrimac sandy loam	n	-
PmC	435C	Plymouth loamy coarse sand, 8 to 15% slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Barnstable sandy loam	n	-
		Nantucket sandy loam	n	-
PmD	435D	Plymouth loamy coarse sand, 15 to 35% slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Barnstable sandy loam	n	-
		Nantucket sandy loam	n	-
PsB	436B	Plymouth loamy coarse sand, very stony, 3 to 8 % slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Barnstable sandy loam	n	-
		Nantucket sandy loam	n	-
PsC	436C	Plymouth loamy coarse sand, very stony, 8 to 15% slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Barnstable sandy loam	n	-
		Nantucket sandy loam	n	-
PsD	436D	Plymouth loamy coarse sand, very stony, 15 to 35% slopes	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Barnstable sandy loam	n	-
		Nantucket sandy loam	n	-
PvC	483C	Plymouth-Barnstable complex, rolling, very bouldery		
		Plymouth	n	-
		Barnstable	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Nantucket sandy loam	n	-

Publ.Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
PvD	483E	Plymouth-Barnstable complex, hilly, very bouldery		
		Plymouth	n	-
		Barnstable	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Nantucket sandy loam	n	-
PxC	484C	Plymouth-Barnstable complex, rolling, extremely bouldery		
		Plymouth	n	-
		Barnstable	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Nantucket sandy loam	n	-
PxD	484E	Plymouth-Barnstable complex, hilly, extremely bouldery		
		Plymouth	n	-
		Barnstable	n	-
		Inclusions: Nantucket sandy loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
BcC	485C	Barnstable-Plymouth complex, rolling		
		Barnstable	n	-
		Plymouth	n	-
		Inclusions: Carver coarse sand	n	-
		Merrimac sandy loam	n	-
		Nantucket sandy loam	n	-
BdC	488C	Barnstable-Plymouth complex, rolling, bouldery		
		Barnstable	n	-
		Plymouth	n	-
		Inclusions: Carver coarse sand	n	-
		Merrimac sandy loam	n	-
		Nantucket sandy loam	n	-
BeC	489C	Barnstable-Plymouth complex, rolling, very bouldery		
		Barnstable	n	-
		Plymouth	n	-
		Inclusions: Carver coarse sand	n	-
		Nantucket sandy loam	n	-
BfC	490C	Barnstable-Plymouth-Nantucket complex, rolling		
		Barnstable	n	-
		Plymouth	n	-
		Nantucket	n	-
		Inclusions: Boxford silt loam	n	-
		Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-
PyD	493E	Plymouth-Barnstable-Nantucket complex, hilly, very bouldery		
		Plymouth	n	-
		Barnstable	n	-
		Nantucket	n	-
		Inclusions: Carver coarse sand	n	-
		Hinckley sandy loam	n	-
		Merrimac sandy loam	n	-

Publ.Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
BgC	494C	Barnstable-Plymouth-Nantucket complex, rolling, very bouldery		
		Barnstable	n	-
		Plymouth	n	-
		Nantucket	n	-
		Inclusions: Boxford silt loam	n	-
		Carver coarse sand	n	-
		Merrimac sandy loam	n	-
		Hinckley sandy loam	n	-
Pg	600	Pits, sand and gravel	unranked	-
Ur	602	Urban land	unranked	-
		Inclusions: Udorthents, smoothed	unranked	-
WO	608	Water, ocean	-	-
WS	607	Water, saline	-	-
Bh	610	Beaches	unranked	-
		Inclusions: Ipswich peat	y	3,1
		Hooksan sand	n	-
		Matunuck peat	y	3,2B2
		Pawcatuck peat	y	3,1
Dn	611	Dune land	unranked	-
		Inclusions: Hooksan sand	n	-
		Ipswich peat	y	3,1
HoC	612C	Hooksan sand, rolling	n	-
		Inclusions: Berryland mucky loamy coarse sand	y	2B3,3
		Ipswich peat	y	3,1
		Pawcatuck peat	y	3,1
		Matunuck peat	y	3,2B2
		Pipestone loamy coarse sand	y	2B2
HoD	612D	Hooksan sand, hilly	n	-
		Inclusions: Berryland mucky loamy coarse sand	y	2B3,3
		Ipswich peat	y	3,1
		Pawcatuck peat	y	3,1
		Matunuck peat	y	3,2B2
		Pipestone loamy coarse sand	y	2B2
HxC	613C	Hooksan-Dune land complex, hilly		
		Hooksan	n	-
		Dune Land	n	-
		Inclusions: Berryland mucky loamy coarse sand	y	2B3,3
		Pipestone loamy coarse sand	y	2B2
Dm	652B	Dumps/landfill	unranked	-
Ud	665	Udipsamments, smoothed	unranked	-

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 subgroups 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 a 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 1.0 feet from the surface for a 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 a 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.