

HYDRIC SOILS, DUKES COUNTY, Massachusetts				
August, 2002 Natural Resources Conservation Service				
undulating = 3-8% slopes rolling = 3-15% slopes hilly = 15-35% slopes				
bld/bldry = bouldery rlg = rolling cplx = complex ext = extremely v = very				
Publ. Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
Ba	610	Beaches	unranked	-
		Inclusions: Udipsamments	unranked	-
		Matunuck peat	y	3,2B2
		Pawcatuck peat	y	1,3
BeA	11A	Berryland loamy sand, 0 to 2% slopes	y	2B3,3
		Inclusions: Freetown muck	y	1,3
		Swansea muck	y	1
		Pompton	n	-
CaC	460C	Canton-Montauk-Plymouth complex, rolling		
		Canton	n	-
		Montauk	n	-
		Plymouth	n	-
		Inclusions: Eastchop	n	-
CeC	461C	Canton-Montauk-Plymouth complex, rolling, extremely bouldery		
		Canton	n	-
		Montauk	n	-
		Plymouth	n	-
		Inclusions: Eastchop	n	-
CeA	259A	Carver loamy coarse sand, 0 to 3% slopes	n	-
		Inclusions: Eastchop	n	-
		Haven	n	-
		Klej	n	-
		Riverhead	n	-
CeB	259B	Carver loamy coarse sand, 3 to 8 % slopes	n	-
		Inclusions: Eastchop	n	-
		Riverhead	n	-
		Haven	n	-
		Klej	n	-
CeC	259C	Carver loamy coarse sand, 8 to 15 % slopes	n	-
		Inclusions: Riverhead	n	-
		Klej	n	-
CeD	259D	Carver loamy coarse sand, 15 to 25 % slopes	n	-
		Inclusions: Klej	n	-
		Riverhead	n	-
		Pompton	n	-
		Berryland	y	3,2B3
ChB	180B	Chilmark sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Eastchop	n	-
		Nantucket	n	-
		Moshup	n	-
ChC	180C	Chilmark sandy loam, 8 to 15 % slopes	n	-
		Inclusions: Eastchop	n	-
		Nantucket	n	-
		Moshup	n	-

Publ. Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
CsB	181B	Chilmark sandy loam, 3 to 8 % slopes, very stony	n	-
		Inclusions: Eastchop	n	-
		Nantucket	n	-
		Moshup	n	-
CsC	181C	Chilmark sandy loam, 8 to 15 % slopes, very stony	n	-
		Inclusions: Eastchop	n	-
		Nantucket	n	-
		Moshup	n	-
CsD	181D	Chilmark sandy loam, 15 to 25 % slopes, very stony	n	-
		Inclusions: Eastchop	n	-
		Nantucket	n	-
		Ridgebury variant	y	2B3
		Whitman variant	y	2B3,3
EcA	264A	Eastchop loamy sand, 0 to 3 % slopes	n	-
		Inclusions: Carver	n	-
		Klej	n	-
		Riverhead	n	-
EcB	264B	Eastchop loamy sand, 3 to 8 % slopes	n	-
		Inclusions: Carver	n	-
		Chilmark	n	-
		Klej	n	-
		Nantucket	n	-
		Riverhead	n	-
EcC	264C	Eastchop loamy sand, 8 to 15 % slopes	n	-
		Inclusions: Chilmark	n	-
		Moshup	n	-
		Nantucket	n	-
EcD	264D	Eastchop loamy sand, 15 to 35 % slopes	n	-
		Inclusions: Chilmark	n	-
		Nantucket	n	-
		Whitman variant	y	2B3,3
		Berryland	y	3,2B3
EdB	285B	Eastchop loamy sand, 3 to 8 % slopes, very stony	n	-
		Inclusions: Chilmark	n	-
		Nantucket	n	-
		Moshup	n	-
EdC	285C	Eastchop loamy sand, 8 to 15 % slopes, very stony	n	-
		Inclusions: Chilmark	n	-
		Nantucket	n	-
		Moshup	n	-
EdD	285D	Eastchop loamy sand, 15 to 35 % slopes, very stony	n	-
		Inclusions: Chilmark	n	-
		Nantucket	n	-
		Whitman variant	y	2B3,3
		Berryland	y	3,2B3
EmC	455C	Eastchop-Montauk complex, rolling		
		Eastchop	n	-
		Montauk	n	-
		Inclusions: Canton	n	-
		Nantucket	n	-
		Plymouth	n	-
EnC	456C	Eastchop-Montauk complex, rolling, very bouldery		
		Eastchop	n	-
		Montauk	n	-
		Inclusions: Canton	n	-
		Nantucket	n	-
		Plymouth	n	-

Publ. Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
FsA	54A	Freetown and Swansea mucks, 0 to 1 % slopes		
		Freetown	y	1
		Swansea	y	1
		Inclusions: Berryland	y	2B3,3
		Pompton	n	-
		Whitman variant	y	3,2B3
HaA	251A	Haven very fine sandy loam, 0 to 3 % slopes	n	-
		Inclusions: Riverhead	n	-
		Carver	n	-
		Tisbury	n	-
HaB	251B	Haven very fine sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Carver	n	-
		Riverhead	n	-
		Tisbury	n	-
KaA	287A	Katama sandy loam, 0 to 3 % slopes	n	-
		Inclusions: Riverhead	n	-
		Carver	n	-
KeA	297A	Klej loamy coarse sand, sandy substratum, 0 to 5 % slopes	n	-
		Inclusions: Pompton	n	-
		Carver	n	-
		Tisbury	n	-
MoA	308A	Moshup loam, 0 to 3 % slopes	n	-
		Inclusions: Chilmark	n	-
		Nantucket	n	-
		Ridgebury variant	y	2B3
MoB	308B	Moshup loam, 3 to 8 % slopes	n	-
		Inclusions: Chilmark	n	-
		Nantucket	n	-
		Ridgebury variant	y	2B3
MsB	309B	Moshup loam, 0 to 8 % slopes, very stony	n	-
		Inclusions: Chilmark	n	-
		Nantucket	n	-
		Ridgebury variant	y	2B3
NaB	380B	Nantucket sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Plymouth	n	-
		Chilmark	n	-
		Eastchop	n	-
		Moshup	n	-
NaC	380C	Nantucket sandy loam, 8 to 15% slopes	n	-
		Inclusions: Chilmark	n	-
		Eastchop	n	-
		Moshup	n	-
		Plymouth	n	-
NnB	382B	Nantucket sandy loam, 3 to 8 % slopes, very stony	n	-
		Inclusions: Plymouth	n	-
		Chilmark	n	-
		Eastchop	n	-
		Moshup	n	-
NnC	382C	Nantucket sandy loam, 8 to 15% slopes, very stony	n	-
		Inclusions: Chilmark	n	-
		Eastchop	n	-
		Moshup	n	-
		Plymouth	n	-

Publ. Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
NpC	497C	Nantucket-Plymouth complex, rolling		
		Nantucket	n	-
		Plymouth	n	-
		Inclusions: Chilmark	n	-
		Eastchop	n	-
NsB	498B	Nantucket-Plymouth complex, undulating, very stony		
		Nantucket	n	-
		Plymouth	n	-
		Inclusions: Chilmark	n	-
		Eastchop	n	-
NsC	498C	Nantucket-Plymouth complex, rolling, very stony		
		Nantucket	n	-
		Plymouth	n	-
		Inclusions: Chilmark	n	-
		Eastchop	n	-
NsD	498D	Nantucket-Plymouth complex, hilly, very stony		
		Nantucket	n	-
		Plymouth	n	-
		Inclusions: Chilmark	n	-
		Eastchop	n	-
PaA	64A	Pawcatuck and Matunuck mucky peats, 0 to 1 % slopes		
		Pawcatuck	y	1,3
		Matunuck	y	2B2,3
		Inclusions: Berryland	y	2B3,3
		Beaches	unranked	-
Pg	600	Udipsamments	unranked	-
		Pits, sand and gravel	unranked	-
PnC	474C	Plymouth-Canton-Nantucket complex, rolling, very bouldery		
		Plymouth	n	-
		Canton	n	-
		Nantucket	n	-
		Inclusions: Eastchop	n	-
PtC	475C	Plymouth-Montauk complex, rolling, extremely bouldery		
		Plymouth	n	-
		Montauk	n	-
		Inclusions: Canton	n	-
		Eastchop	n	-
PtD	475D	Plymouth-Montauk complex, hilly, extremely bouldery		
		Plymouth	n	-
		Montauk	n	-
		Inclusions: Canton	n	-
		Eastchop	n	-
PwD	476D	Plymouth-Nantucket complex, hilly, extremely bouldery		
		Plymouth	n	-
		Nantucket	n	-
		Inclusions: Canton	n	-
		Eastchop	n	-
		Montauk	n	-

Publ. Sym.	State Symbol	Map Unit Name	hydric	hydric criteria code
PyA	408A	Pompton sandy loam, 0 to 3 % slopes	n	-
		Inclusions: Klej	n	-
		Tisbury	n	-
		Berryland	y	3,2B3
RgA	87A	Ridgebury variant fine sandy loam, 0 to 3 % slopes	y	2B3
		Inclusions: Moshup	n	-
		Whitman variant	y	3,2B3
RsA	763A	Ridgebury variant fine sandy loam, 0 to 3 % slopes, very stony	y	2B3
		Inclusions: Moshup	n	-
		Whitman variant	y	3,2B3
RvA	288A	Riverhead sandy loam, 0 to 3 % slopes	n	-
		Inclusions: Canton	n	-
		Haven	n	-
		Klej	n	-
		Tisbury	n	-
RvB	288B	Riverhead sandy loam, 3 to 8 % slopes	n	-
		Inclusions: Carver	n	-
		Haven	n	-
		Klej	n	-
		Tisbury	n	-
RvC	288C	Riverhead sandy loam, 8 to 15 % slopes	n	-
		Inclusions: Carver	n	-
		Eastchop	n	-
		Haven	n	-
		Klej	n	-
		Tisbury	n	-
-	699	Soils not surveyed	-	-
TaA	261A	Tisbury very fine sandy loam, 0 to 3 % slopes	n	-
		Inclusions: Haven	n	-
		Klej	n	-
		Pompton	n	-
		Riverhead	n	-
UaC	702C	Udipsamments, rolling	unranked	-
		Inclusions: Matunuck peat	y	3,2B2
		Pawcatuck peat	y	3,1
Ur	602	Urban land	unranked	-
W	1	Water	unranked	-
WO	608	Water, ocean	-	-
WS	607	Water, saline	-	-
WhA	82A	Whitman variant silt loam, 0 to 3 % slopes	y	3,2B3
		Inclusions: Ridgebury variant	y	2B3
		Swansea	y	1
		Freetown	y	1
WmA	84A	Whitman variant silt loam, 0 to 3 % slopes, very stony	y	3,2B3
		Inclusions: Ridgebury variant	y	2B3
		Swansea	y	1
		Freetown	y	1

HYDRIC SOILS CRITERIA CODES AND DEFINITIONS

1. All Histosols, except Folists, or
2. Soils in Aquic suborder, Aquic subgroup, Albolis 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.