

HYDRIC SOILS List – Essex COUNTY, South Part, Massachusetts				
August, 2002 – Natural Resources Conservation Service				
gently-sloping and sloping = 3 – 15 % slopes				
Publ. Sym.	State Symbol	Map Unit Name	hydric	code
AnB	722B	Annisquam fine sandy loam, extremely bouldery, 3 to 8 % slopes	n	
		Inclusions: Chatfield	n	
		Hollis	n	
		Montauk	n	
		Ridgebury	y	2B3
		Scituate	n	
AnC	722C	Annisquam fine sandy loam, extremely bouldery, 8 to 15 % slopes	n	
		Inclusions: Chatfield	n	
		Hollis	n	
		Montauk	n	
		Ridgebury	y	2B3
		Scituate	n	
AnD	722D	Annisquam fine sandy loam, extremely bouldery, 15 to 35 % slopes	n	
		Inclusions: Hollis	n	
		Chatfield	n	
		Montauk	n	
		Ridgebury	y	2B3
		Scituate	n	
Ba	610	Beaches	unranked	
BeB	225B	Belgrade very fine sandy loam, 0 to 8 % slopes	n	
		Inclusions: Pollux	n	
		Maybid	y	2B3,3
BuA	220A	Boxford silt loam, 0 to 3 % slopes	n	
		Inclusions: Scitico	y	2B3
		Maybid	y	2B3,3
BuB	220B	Boxford silt loam, 3 to 8 % slopes	n	
		Inclusions: Scitico	y	2B3
		Maybid	y	3,2B3
BuC	220C	Boxford silt loam, 8 to 15 % slopes	n	
		Inclusions: Scitico	y	2B3
BxB	620B	Boxford-Urban Land complex, gently sloping	n	
		Boxford	n	
		Urban lanc	unranked	
		Inclusions: Belgrade	n	
		Elmridge	n	
		Scitico	y	2B3
		Shaker	y	2B3
CaB	420B	Canton fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Scituate	n	
		Montauk	n	
		Swansea	y	1
CaC	420C	Canton fine sandy loam, 8 to 20 % slopes	n	
		Inclusions: Montauk	n	
		Scituate	n	
		Swansea	y	1
CbB	421B	Canton fine sandy loam, very stony, 3 to 8 % slopes	n	
		Inclusions: Scituate	n	
		Montauk	n	
		Swansea	y	1
CbC	421C	Canton fine sandy loam, very stony, 8 to 15 % slopes	n	
		Inclusions: Montauk	n	
		Scituate	n	
		Swansea	y	1
CbD	421D	Canton fine sandy loam, very stony, 15 to 25 % slopes	n	
		Inclusions: Montauk	n	
		Scituate	n	
CcB	422B	Canton fine sandy loam, extremely stony, 3 to 8 % slopes	n	
		Inclusions: Scituate	n	
		Montauk	n	
		Swansea	y	1
CcC	422C	Canton fine sandy loam, extremely stony, 8 to 15 % slopes	n	
		Inclusions: Montauk	n	
		Scituate	n	
		Hollis	n	
CcD	422D	Canton fine sandy loam, extremely stony, 15 to 25 % slopes	n	
		Inclusions: Montauk	n	
		Scituate	n	
		Hollis	n	
CcE	422E	Canton fine sandy loam, extremely stony, 25 to 35 % slopes	n	
		Inclusions: Montauk	n	
		Hollis	n	
ChC	628C	Canton-Urban land complex, sloping	n	
		Cantor	n	
		Urban lanc	unranked	
		Inclusions: Scituate	n	
		Ridgebury	y	2B3
		Whitman	y	2B3,3
		Hollis	n	
		Swansea	y	1

Publ. Sym.	State Symbol	Map Unit Name	hydric	code
CrC	102C	Chatfield-Hollis-Rock outcrop complex, 3 to 15 % slopes	n	
		Chatfield	n	
		Hollis	n	
		Rock outcrop	unranked	
		Inclusions: Canton	n	
		Montauk	n	
		Paxton	n	
		Whitman	y	2B3,3
		Woodbridge	n	
		Freetown	y	1
		Ridgebury	y	2B3
Swansea	y	1		
CrD	102D	Chatfield-Hollis-Rock outcrop complex, 15 to 35 % slopes	n	
		Chatfield	n	
		Hollis	n	
		Rock outcrop	unranked	
		Inclusions: Canton	n	
		Montauk	n	
		Paxton	n	
		Whitman	y	2B3,3
		Woodbridge	n	
		Freetown	y	1
		Ridgebury	y	2B3
Swansea	y	1		
De	256B	Deerfield loamy fine sand, 0 to 8 % slopes	n	
		Inclusions: Windsor	n	
Du	652	Dumps	unranked	
		Inclusions: Ridgebury	y	2B3
EIA	723A	Elmridge fine sandy loam, 0 to 3 % slopes	n	
		Inclusions: Shaker	y	2B3
		Melrose	n	
		Whitman	y	2B3,3
EIB	723B	Elmridge fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Melrose	n	
FF	616A	Fluvaquents, frequently flooded, 0 to 3 % slopes	y	2B1
		Inclusions: Swansea	y	1
Fm	52A	Freetown muck, 0 to 1 % slopes	y	1
		Inclusions: Freetown, ponded	y	1,3
Fp	53A	Swansea	y	1
		Whitman	y	2B3,3
		Freetown muck, ponded, 0 to 1 % slopes	y	1,3
HFA	242A	Inclusions: Swansea	y	1
		Whitman	y	2B3,3
		Hinckley gravelly fine sandy loam, 0 to 3 % slopes	n	
		Inclusions: Windsor	n	
HFB	242B	Sudbury	n	
		Swansea	y	1
		Wareham	y	2B2
		Hinckley gravelly fine sandy loam, 3 to 8 % slopes	n	
HFC	242C	Inclusions: Windsor	n	
		Sudbury	n	
		Swansea	y	1
		Wareham	y	2B2
HfD	242D	Hinckley gravelly fine sandy loam, 15 to 25 % slopes	n	
HFE	242E	Hinckley gravelly fine sandy loam, 25 to 45 % slopes	n	
		Inclusions: Swansea	y	1
HuC	724C	Hollis-Urban Land-Rock outcrop complex, sloping	n	
		Hollis	n	
		Urban land	unranked	
		Rock outcrop	unranked	
		Inclusions: Canton	n	
		Montauk	n	
		Paxton	n	
		Ridgebury	y	2B3
		Scituate	n	
		Whitman	y	2B3,3
		Woodbridge	n	
Iw	712A	Ipswich and Westbrook mucky peats, 0 to 1 % slopes	y	1,3
		Ipswich	y	1,3
		Westbrook	y	1,3
		Inclusions: Swansea	y	1
Ma	12A	Whitman	y	2B3,3
		Maybid silt loam, 0 to 2 % slopes	y	2B3,3
		Inclusions: Scitico	y	2B3
		Swansea	y	1

Publ. Sym.	State Symbol	Map Unit Name	hydric	code
MeA	714A	Melrose fine sandy loam, 0 to 3 % slopes	n	
		Inclusions: Elmridge	n	
		Shaker	y	2B3
MeB	714B	Melrose fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Elmridge	n	
		Shaker	y	2B3
MmA	254A	Merrimac fine sandy loam, 0 to 3 % slopes	n	
		Inclusions: Sudbury	n	
		Hinckley	n	
		Walpole	y	2B3
MmB	254B	Merrimac fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Sudbury	n	
		Hinckley	n	
		Walpole	y	2B3
MmC	254C	Merrimac fine sandy loam, 8 to 15 % slopes	n	
		Inclusions: Hinckley	n	
		Walpole	y	2B3
MmD	254D	Merrimac fine sandy loam, 15 to 25 % slopes	n	
		Inclusions: Hinckley	n	
MnB	626B	Merrimac-Urban Land complex, gently sloping	n	
		Merrimac	n	
		Urban lanc	unranked	
		Inclusions: Hinckley	n	
		Sudbury	n	
		Windsor	n	
		Deerfield	n	
		Ninigret	n	
		Pipestone	y	2B2
		Scarboro	y	2B2,3
		Walpole	y	2B3
		Wareham	y	2B2
MoB	300B	Montauk fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Scituate	n	
		Ridgebury	y	2B3
MoC	300C	Montauk fine sandy loam, 8 to 15 % slopes	n	
		Inclusions: Scituate	n	
		Ridgebury	y	2B3
MsB	301B	Montauk fine sandy loam, very stony, 3 to 8 % slopes	n	
		Inclusions: Scituate	n	
		Ridgebury	y	2B3
MsC	301C	Montauk fine sandy loam, very stony, 8 to 15 % slopes	n	
		Inclusions: Scituate	n	
		Ridgebury	y	2B3
MsD	301D	Montauk fine sandy loam, very stony, 15 to 25 % slopes	n	
		Inclusions: Scituate	n	
		Ridgebury	y	2B3
MxC	302C	Montauk fine sandy loam, extremely stony, 8 to 15 % slopes	n	
		Inclusions: Scituate	n	
		Hollis	n	
		Ridgebury	y	2B3
MxD	302D	Montauk fine sandy loam, extremely stony, 15 to 25 % slopes	n	
		Inclusions: Scituate	n	
		Hollis	n	
NnA	276A	Ninigret fine sandy loam, 0 to 3 % slopes	n	
		Inclusions: Windsor	n	
		Walpole	y	2B3
		Scarboro	y	3,2B2
NnB	276B	Ninigret fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Windsor	n	
		Walpole	y	2B3
PaB	305B	Paxton fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Woodbridge	n	
		Ridgebury	y	2B3
PaC	305C	Paxton fine sandy loam, 8 to 15 % slopes	n	
		Inclusions: Woodbridge	n	
		Ridgebury	y	2B3
PaD	305D	Paxton fine sandy loam, 15 to 25 % slopes	n	
		Inclusions: Woodbridge	n	
PbB	306B	Paxton fine sandy loam, very stony, 3 to 8 % slopes	n	
		Inclusions: Woodbridge	n	
		Ridgebury	y	2B3
PbC	306C	Paxton fine sandy loam, very stony, 8 to 15 % slopes	n	
		Inclusions: Woodbridge	n	
		Ridgebury	y	2B3
PbD	306D	Paxton fine sandy loam, very stony, 15 to 25 % slopes	n	
		Inclusions: Woodbridge	n	
PcE	392E	Paxton & Montauk fine sandy loams, extremely stony, 25 to 45 % slopes	n	
		Paxtor	n	
		Montauk	n	
		Inclusions: Hollis	n	
PdC	622C	Paxton-Urban land complex, sloping	n	
		Paxtor	n	
		Urban lanc	n	
		Inclusions: Woodbridge	n	
		Hollis	n	
		Ridgebury	y	2B3
		Swansea	y	1
		Whitman	y	2B3,3

Publ. Sym.	State Symbol	Map Unit Name	hydric	code
Pe	38A	Pipestone loamy fine sand, 0 to 3 % slopes	y	2B2
		Inclusions: Deerfield	n	
		Scarboro	y	2B2,3
		Wareham	y	2B2
Pg	600	Pits, sand & gravel	unranked	
PIB	250B	Pollux fine sandy loam, 0 to 8 % slopes	n	
PoB	323B	Poquonock loamy sand, very stony, 3 to 8 % slopes	n	
		Inclusions: Hollis	n	
		Woodbridge	n	
PoC	323C	Poquonock loamy sand, very stony, 8 to 15 % slopes	n	
		Inclusions: Woodbridge	n	
		Hollis	n	
PoD	323D	Poquonock loamy sand, very stony, 15 to 25 % slopes	n	
		Inclusions: Woodbridge	n	
		Hollis	n	
Qu	601	Quarries	unranked	
RdA	70A	Ridgebury fine sandy loam, 0 to 6 % slopes	y	2B3
		Inclusions: Whitman	y	2B3,3
		Woodbridge	n	
RIA	71A	Ridgebury fine sandy loam, extremely stony, 0 to 3 % slopes	y	2B3
		Inclusions: Whitman	y	2B3,3
		Woodbridge	n	
		Scituate	n	
RIB	71B	Ridgebury fine sandy loam, extremely stony, 3 to 8 % slopes	y	2B3
		Inclusions: Whitman	y	2B3,3
		Woodbridge	n	
		Scituate	n	
Rx	105E	Rock outcrop-Hollis complex, 3 to 35 % slopes		
		Rock outcrop-Hollis	unranked	
		Inclusions: Chatfield	n	
Sb	43A	Scarboro mucky loamy fine sand, 0 to 3 % slopes	y	2B2,3
		Inclusions: Swansea	y	1
		Walpole	y	2B3
		Wareham	y	2B2
ScA	14A	Scitico silt loam, 0 to 5 % slopes	y	2B3
		Inclusions: Maybid	y	2B3,3
		Boxford	n	
SgB	315B	Scituate fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Ridgebury	y	2B3
		Whitman	y	2B3,3
ShB	316B	Scituate fine sandy loam, very stony, 3 to 8 % slopes	n	
		Inclusions: Ridgebury	y	2B3
		Whitman	y	2B3,3
ShC	316C	Scituate fine sandy loam, very stony, 8 to 15 % slopes	n	
		Inclusions: Montauk	n	
		Ridgebury	y	2B3
		Hollis	n	
SmB	317B	Scituate fine sandy loam, extremely stony, 3 to 8 % slopes	n	
		Inclusions: Ridgebury	y	2B3
		Whitman	y	2B3,3
SoB	318B	Scituate fine sandy loam, extremely bouldery, 3 to 8 % slopes	n	
		Inclusions: Annisquam	n	
		Ridgebury	y	2B3
		Hollis	n	
SoC	318C	Scituate fine sandy loam, extremely bouldery, 8 to 15 % slopes	n	
		Inclusions: Ridgebury	y	2B3
		Whitman	y	2B3,3
SpA	725A	Shaker fine sandy loam, 0 to 3 % slopes	y	2B3
		Inclusions: Whately variant	y	2B2
		Elmridge	n	
SpB	725B	Shaker fine sandy loam, 3 to 8 % slopes	y	2B3
		Inclusions: Whately variant	y	2B2
		Elmridge	n	
SrA	260A	Sudbury fine sandy loam, 0 to 3 % slopes	n	
		Inclusions: Merrimac	n	
		Walpole	y	2B3
SrB	260B	Sudbury fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Merrimac	n	
		Walpole	y	2B3
Ss	51A	Swansea mucky peat, 0 to 1 % slopes	y	1
		Inclusions: Freetown	y	1
		Whitman	y	2B3,3
UAC	702	Udipsamments, rolling, 3 to 50 % slopes	unranked	
		Inclusions: Udorthents	unranked	
		Ipswich	y	3,1
		Scarboro	y	3,2B2
		Westbrook	y	1,3
UD	651	Udorthents, smoothed, 0 to 45 % slopes	unranked	
		Inclusions: Urban land	n	
Ur	602	Urban land	unranked	
		Inclusions: Udorthents	unranked	
		Whitman	y	2B3,3
		Hollis	n	
		Freetown	y	1
		Maybid	y	3,2B3
		Scarboro	y	3,2B2
		Swansea	y	1
		Whately variant	y	2B2

Publ. Sym.	State Symbol	Map Unit Name	hydric	code
W	1	Water	unranked	
WaA	31A	Walpole fine sandy loam, 0 to 3 % slopes	y	2B3
		Inclusions: Ninigret	n	
		Scarboro	y	2B2,3
		Sudbury	n	
WaB	31B	Walpole fine sandy loam, 3 to 8 % slopes	y	2B3
		Inclusions: Ninigret	n	
		Scarboro	y	2B2,3
		Sudbury	n	
We	32A	Wareham loamy sand, 0 to 3 % slopes	y	2B2
		Inclusions: Scarboro	y	2B2,3
Wf	720A	Whately variant mucky fine sandy loam, 0 to 3 % slopes	y	2B3
		Inclusions: Shaker	y	2B3
		Swansea	y	1
Wh	73A	Whitman loam, extremely stony, 0 to 5 % slopes	y	2B3,3
		Inclusions: Ridgebury	y	2B3
WnA	255A	Windsor loamy sand, 0 to 3 % slopes	n	
		Inclusions: Deerfield	n	
		Wareham	y	2B2
		Pipestone	y	2B2
		Scarboro	y	2B2,3
WnB	255B	Windsor loamy sand, 3 to 8 % slopes	n	
		Inclusions: Deerfield	n	
		Wareham	y	2B2
		Pipestone	y	2B2
WnC	255C	Windsor loamy sand, 8 to 15 % slopes	n	
		Inclusions: Deerfield	n	
		Scarboro	y	2B2,3
		Pipestone	y	2B2
		Swansea	y	1
		Wareham	y	2B2
WnD	255D	Windsor loamy sand, 15 to 25 % slopes	n	
WO	608	Water, ocean	unranked	
WS	607	Water, saline	unranked	
WrB	310B	Woodbridge fine sandy loam, 3 to 8 % slopes	n	
		Inclusions: Ridgebury	y	2B3
		Whitman	y	2B3,3
WrC	310C	Woodbridge fine sandy loam, 8 to 15 % slopes	n	
		Inclusions: Ridgebury	y	2B3
		Whitman	y	2B3,3
WsB	311B	Woodbridge fine sandy loam, very stony, 3 to 8 % slopes	n	
		Inclusions: Ridgebury	y	2B3
		Whitman	y	2B3,3
WsC	311C	Woodbridge fine sandy loam, very stony, 8 to 15 % slopes	n	
		Inclusions: Paxton	n	
		Ridgebury	y	2B3
WsD	311D	Woodbridge fine sandy loam, very stony, 15 to 25 % slopes	n	
		Inclusions: Paxton	n	
		Ridgebury	y	2B3
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.				