PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST

All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States" (USDA Miscellaneous Publication No. 1491, June, 1991 as revised in the Federal Register, Vol. 60, No. 37, February 24, 1995). See the "Criteria for Hydric Soils" endnote to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
Ae:								
ALLUVIAL LAND---------								
	ALLUVIAL LAND (C)	Yes	Flood Plain	2B3	YES	NO	NO	860
BrB:								
BOONTON STONY SILT LOAM, 3 TO 8 PERCENT SLOPES----------								
	BOONTON (C)	No						920
BrC:								
BOONTON STONY SILT LOAM, 8 TO 15 PERCENT SLOPES----------								
	BOONTON (C)	No						700
BsD:								
BOONTON VERY STONY SILT LOAM, 15 TO 30 PERCENT SLOPES--------								
	BOONTON (C)	No						570
BtA:								
BRACEVILLE GRAVELLY SILT LOAM, 0 TO 5 PERCENT SLOPES--------								
	BRACEVILLE (C)	No						300
	NORWICH (I)	Yes	Depression	2B3	YES	NO	NO	
	PREAKNESS (I)	Yes	Depression	2B3	YES	NO	NO	

PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	Acres
Ca:								
CARLISLE MUCK---------								
	CARLISLE (C)	Yes	Bog	1,3	YES	NO	YES	1390
CkB:								
CHENANGO SILT LOAM, 3 TO 8 PERCENT SLOPES---								
	CHENANGO (C)	No						850
CkC:								
CHENANGO SILT LOAM, 8 TO 15 PERCENT SLOPES--								
	CHENANGO (C)	No						310
HcB:								
HALEDON VERY STONY LOAM, 3 TO 8 PERCENT SLOPES----------								
	HALEDON (C)	No						620
	HALEDON VARIANT (I)	Yes	Depression	2B3	YES	NO	NO	
HcC:								
HALEDON VERY STONY LOAM, 8 TO 15 PERCENT SLOPES----------								
	HALEDON (C)	No						600
	HALEDON VARIANT (I)	Yes	Depression	2B3	YES	NO	NO	
HdA:								
HALEDON VERY STONY SILT LOAM, WET VARIANT, 0 TO 3 PERCENT SLOPES--------								
	HALEDON VARIANT (C)	Yes	Depression	2B3	YES	NO	NO	480

PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	Acres
HdB:								
HALEDON VERY STONY SILT LOAM, WET VARIANT, 3 TO 8 PERCENT SLOPES--------								
	HALEDON VARIANT (C)	Yes	Depression	2B3	YES	NO	NO	600
HpC:								
HIBERNIA EXTREMELY STONY LOAM, 3 TO 15 PERCENT SLOPES--------								
	HIBERNIA (C)	No						5600
	RIDGEBURY (I)	Yes	Depression	2B3	YES	NO	NO	
HrC:								
HOLYOKE-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES--------								
	HOLYOKE (C)	No						2244
	ROCK OUTCROP (C)	No						1376
Ma:								
MADE LAND, SANITARY LAND FILL----------								
	MADE LAND (C)	No						50
Ms:								
MUCK, SHALLOW---------								
	MUCK, SHALLOW (C)	Yes	Bog	1,3	YES	NO	YES	770
NkC:								
NETCONG EXTREMELY STONY LOAM, 3 TO 15 PERCENT SLOPES--------								
	NETCONG (C)	No						1380

PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
NkD: NETCONG EXTREMELY STONY LOAM, 15 TO 25 PERCENT SLOPES--------	NETCONG (C)	No						480
NpA: NORWICH EXTREMELY STONY SILT LOAM, 0 TO 3 PERCENT SLOPES------	NORWICH (C)	Yes	Depression	2B3	YES	NO	NO	1490
NpB: NORWICH EXTREMELY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES------	NORWICH (C)	Yes	Depression	2B3	YES	NO	NO	470
OrC: OTISVILLE SANDY LOAM, 3 TO 15 PERCENT SLOPES	OTISVILLE (C)	No						220
OsD: OTISVILLE GRAVELLY SANDY LOAM, 15 TO 30 PERCENT SLOPES--------	OTISVILLE (C)	No						160
Pk: PARSIPPANY SILT LOAM, SANDY LOAM SUBSTRATUM-	PARSIPPANY(C)	Yes	Lake Terrace	2B3	YES	NO	NO	1470
Pt: PITS, SAND AND GRAVEL-	PITS, SAND AND GRAVE (C)	No						670

PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
PvA: POMPTON FINE SANDY LOAM, 0 TO 5 PERCENT SLOPES								
	POMPTON (C)	No						840
	HALEDON VARIANT (I)	Yes	Depression	2B3	YES	NO	NO	
	PARSIPPANY(I)	Yes	Depression	2B3	YES	NO	NO	
	PREAKNESS (I)	Yes	Depression	2B3	YES	NO	NO	
	RIDGEBURY (I)	Yes	Depression	2B3	YES	NO	NO	
Px: PREAKNESS SILT LOAM								
	PREAKNESS (C)	Yes	Depression	2B3	YES	NO	NO	1020
QU: QUARRIES								
	QUARRIES (C)	No						420
RbA: RIDGEBURY EXTREMELY STONY LOAM, 0 TO 3 PERCENT SLOPES								
	RIDGEBURY (C)	Yes	Depression	2B3	YES	NO	NO	3270
RbB: RIDGEBURY EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES								
	RIDGEBURY (C)	Yes	Depression	2B3	YES	NO	NO	1670
RhB: RIVERHEAD SANDY LOAM, 3 TO 8 PERCENT SLOPES								
	RIVERHEAD (C)	No						1620
RhC: RIVERHEAD SANDY LOAM, 8 TO 15 PERCENT SLOPES								
	RIVERHEAD (C)	No						520

PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
RmB:								
ROCKAWAY VERY STONY SANDY LOAM, 3 TO 8 PERCENT SLOPES--------								
	ROCKAWAY (C)	No						1980
RmC:								
ROCKAWAY VERY STONY SANDY LOAM, 8 TO 15 PERCENT SLOPES--------								
	ROCKAWAY (C)	No						1380
RrC:								
ROCKAWAY EXTREMELY STONY SANDY LOAM, 3 TO 15 PERCENT SLOPES-----								
	ROCKAWAY (C)	No						7550
RrD:								
ROCKAWAY EXTREMELY STONY SANDY LOAM, 15 TO 25 PERCENT SLOPES--								
	ROCKAWAY (C)	No						3300
RsC:								
ROCKAWAY-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES--------								
	ROCKAWAY (C)	No						7254
	ROCK OUTCROP (C)	No						4446
RwE:								
ROCK OUTCROP-HOLYOKE COMPLEX, 15 TO 35 PERCENT SLOPES--------								
	ROCK OUTCROP (C)	No						1296
	HOLYOKE (C)	No						794

PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
RxE: ROCK OUTCROP-ROCKAWAY COMPLEX, 15 TO 35 PERCENT SLOPES--------								
	ROCK OUTCROP (C)	No						7316
	ROCKAWAY (C)	No						4484
RyE: ROCK OUTCROP-SWARTSWOOD COMPLEX, 15 TO 45 PERCENT SLOPES--------								
	ROCK OUTCROP (C)	No						1655
	SWARTSWOOD(C)	No						1015
SdB: SWARTSWOOD VERY STONY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES------								
	SWARTSWOOD(C)	No						2340
SdC: SWARTSWOOD VERY STONY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES-----								
	SWARTSWOOD(C)	No						950
SeB: SWARTSWOOD EXTREMELY STONY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES-								
	SWARTSWOOD(C)	No						1030
SeC: SWARTSWOOD EXTREMELY STONY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES								
	SWARTSWOOD(C)	No						1330

PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
SeD:								
SWARTSWOOD EXTREMELY STONY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES----------								
	SWARTSWOOD(C)	No						1300
SrC:								
SWARTSWOOD-ROCK OUTCROP COMPLEX, 3 TO 15 PERCENT SLOPES-----								
	SWARTSWOOD(C)	No						2381
	ROCK OUTCROP (C)	No						1459
UbB:								
URBAN LAND-BOONTON COMPLEX, GENTLY SLOPING----------								
	URBAN LAND(C)	No						6438
	BOONTON (C)	No						4662
UbC:								
URBAN LAND-BOONTON COMPLEX, SLOPING------								
	URBAN LAND(C)	No						2461
	BOONTON (C)	No						1509
UrB:								
URBAN LAND-RIVERHEAD COMPLEX, GENTLY SLOPING----------								
	URBAN LAND(C)	No						7244
	RIVERHEAD (C)	No						4440
Ux:								
URBAN LAND-ROCKAWAY COMPLEX----------								
	URBAN LAND(C)	No						1972
	ROCKAWAY (C)	No						1208

PASSAIC COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria: Hydric Criteria Code	Hydric Soils Criteria: Meets Saturation Criteria	Hydric Soils Criteria: Meets Flooding Criteria	Hydric Soils Criteria: Meets Ponding Criteria	Acres
W: WATER (LESS THAN 40 ACRES)	WATER (LESS THAN 40 (C)	Yes	---	---	---	---	---	826
WATER: WATER (GREATER THAN 40 ACRES)	WATER (GREATER THAN (C)	Yes	---	---	---	---	---	6200
WlA: WHIPPANY SILT LOAM, SANDY LOAM SUBSTRATUM, 0 TO 5 PERCENT SLOPES	WHIPPANY (C)	No						290
	HALEDON VARIANT (I)	Yes	Depression	2B3	YES	NO	NO	
	PARSIPPANY (I)	Yes	Depression	2B3	YES	NO	NO	
	PREAKNESS (I)	Yes	Depression	2B3	YES	NO	NO	
WvB: WURTSBORO EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	WURTSBORO (C)	No						1170
	NORWICH (I)	Yes	Depression	2B3	YES	NO	NO	
WvC: WURTSBORO EXTREMELY STONY LOAM, 8 TO 15 PERCENT SLOPES	WURTSBORO (C)	No						380
	NORWICH (I)	Yes	Depression	2B3	YES	NO	NO	

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use and management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.

HYDRIC SOILS CRITERIA CODES AND DEFINITIONS

1. All Histosols, except Folists, or

2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:

a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or

b. Poorly drained or very poorly drained and have either:

(1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in), or for other soils

(2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 in, or

(3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or

3. Soils that are frequently ponded for long duration or very long duration during the growing season, or

4. Soils that are frequently flooded for long duration or very long duration during the growing season.