

## Hydric Soil List - All Components

This table lists the map unit components and their hydric status in the survey area. This list can help in planning land uses; however, onsite investigation is recommended to determine the hydric soils on a specific site (National Research Council, 1995; Hurt and others, 2002).

The three essential characteristics of wetlands are hydrophytic vegetation, hydric soils, and wetland hydrology (Cowardin and others, 1979; U.S. Army Corps of Engineers, 1987; National Research Council, 1995; Tiner, 1985). Criteria for all of the characteristics must be met for areas to be identified as wetlands. Undrained hydric soils that have natural vegetation should support a dominant population of ecological wetland plant species. Hydric soils that have been converted to other uses should be capable of being restored to wetlands.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, 1994). These soils, under natural conditions, are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field. These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

Hydric soils are identified by examining and describing the soil to a depth of about 20 inches. This depth may be greater if determination of an appropriate indicator so requires. It is always recommended that soils be excavated and described to the depth necessary for an understanding of the redoximorphic processes. Then, using the completed soil descriptions, soil scientists can compare the soil features required by each indicator and specify which indicators have been matched with the conditions observed in the soil. The soil can be identified as a hydric soil if at least one of the approved indicators is present.

Map units that are dominantly made up of hydric soils may have small areas, or inclusions, of nonhydric soils in the higher positions on the landform, and map units dominantly made up of nonhydric soils may have inclusions of hydric soils in the lower positions on the landform.

The criteria for hydric soils are represented by codes in the table (for example, 2). Definitions for the codes are as follows:

1. All Histels except for Folistels, and Histosols except for Folists.
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
  - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
  - B. Show evidence that the soil meets the definition of a hydric soil;
3. Soils that are frequently ponded for long or very long duration during the growing season.
  - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
  - B. Show evidence that the soil meets the definition of a hydric soil;
4. Map unit components that are frequently flooded for long duration or very long duration during the growing season that:
  - A. Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or
  - B. Show evidence that the soil meets the definition of a hydric soil;

Hydric Condition: Food Security Act information regarding the ability to grow a commodity crop without removing woody vegetation or manipulating hydrology.

References:

- Federal Register. July 13, 1994. Changes in hydric soils of the United States.  
Federal Register. Doc. 2012-4733 Filed 2-28-12. February, 28, 2012. Hydric soils of the United States.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18.
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service. U.S. Department of Agriculture Handbook 436.
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service.
- Vasilas, L.M., G.W. Hurt, and C.V. Noble, editors. Version 7.0, 2010. Field indicators of hydric soils in the United States.

## Report—Hydric Soil List - All Components

Hydric Soil List - All Components—OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AdC2: Alexandria silt loam, 6 to 12 percent slopes, moderately eroded	Alexandria	90	Till plains	No	—
	soils similar to Pewamo	5	Drainageways	Yes	2
	wetter soils around seeps and springs	5	—	—	—
	layers of sandy loam or gravelly loam below 3 feet		—	—	—
	Cardington		Ground moraines,end moraines	—	—
AdD2: Alexandria silt loam, 12 to 18 percent slopes, eroded	Alexandria	100	Moraines,till plains	No	—
	Cardington		Ground moraines,end moraines	—	—
	seep areas		—	—	—
AdE: Alexandria silt loam, 18 to 25 percent slopes	Alexandria	100	Moraines,till plains	No	—
	eroded areas		—	—	—
AdF: Alexandria silt loam, 25 to 50 percent slopes	Alexandria	100	Moraines,till plains	No	—
	nearly vertical banks		—	—	—
	severely eroded areas		—	—	—
	yellowish brown silty clay loam surface layer		—	—	—
	seeps and springs		—	—	—
AeD2: Alexandria silty clay loam, 12 to 18 percent slopes, eroded	Alexandria	80	Till plains	No	—
	Condit	5	Depressions	Yes	2,3
	Cardington	5	End moraines,ground moraines	No	—
	Tuscola	5	Lake plains,deltas	No	—
	Bennington	5	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
Ag: Algiers silt loam	Algiers	85	Terraces,flood plains	No	—
	Sloan	5	Abandoned channels	Yes	2

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Killbuck	5	Depressions	Yes	2
	Holly	5	Depressions	Yes	2
	non-flooded areas		—	—	—
AmE: Amanda loam, 18 to 25 percent slopes	Amanda	90	Ground moraines,end moraines	No	—
	Chili	5	Terraces	—	—
	seeps and springs	5	—	—	—
BgB: Bogart loam, 2 to 6 percent slopes	Bogart	85	Kames,stream terraces	No	—
	Jimtown	8	Terraces	—	—
	Fitchville	7	Terraces,lake plains	—	—
BnA: Bennington silt loam, 0 to 2 percent slopes	Bennington	90	Flats on end moraines,flats on ground moraines,rises on ground moraines,rises on end moraines	No	—
	Pewamo	5	Depressions	Yes	2
	Condit	5	Depressions	Yes	2
BnB: Bennington silt loam, 2 to 6 percent slopes	Bennington	90	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Condit	5	Depressions	Yes	2
	Pewamo	5	Depressions	Yes	2
	Cardington		Ground moraines,end moraines	—	—
BnB2: Bennington silt loam, 2 to 6 percent slopes, moderately eroded	Bennington	90	Till plains	No	—
	Pewamo	5	Drainageways,depressions	Yes	2
	Condit	5	Drainageways,depressions	Yes	2
	Cardington		Ground moraines,end moraines	—	—
BoA: Bennington-Tiro silt loams, 0 to 2 percent slopes	Bennington	50	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Tiro	30	Till plains	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Fitchville	10	Terraces,lake plains	—	—
	Glenford	5	Terraces,lake plains	—	—
	Sebring	5	Depressions	Yes	2
BrD: Berks channery silt loam, 12 to 18 percent slopes	Berks	100	Hills	No	—
	springs		—	—	—
	Lordstown		Hills	—	—
	rock outcrop		—	Unranked	—
	bedrock within 20 inches		—	—	—
BsG: Berks-Rock outcrop complex, 30 to 60 percent slopes	Berks	70	Hills	No	—
	Lordstown	20	Hills	—	—
	Rock outcrop	10	—	Unranked	—
	bedrock within 20 inches		—	—	—
BtA: Bogart gravelly loam, 0 to 2 percent slopes	Bogart	100	Terraces	No	—
	Jimtown		Terraces	—	—
	Chili		Terraces	—	—
BtB: Bogart gravelly loam, 2 to 6 percent slopes	Bogart	100	Terraces	No	—
	Jimtown		Terraces	—	—
	Chili		Terraces	—	—
BvA: Bogart silt loam, 0 to 2 percent slopes	Bogart	100	Terraces	No	—
	little gravel within 40 inches		—	—	—
	Jimtown		Terraces	—	—
BvB: Bogart silt loam, 2 to 6 percent slopes	Bogart	100	Terraces	No	—
	little gravel within 40 inches		—	—	—
	Jimtown		Terraces	—	—
	Wheeling		Terraces	—	—
BxF: Brownsville-Rock outcrop complex, 35 to 70 percent slopes	Brownsville	70	Hills	No	—
	Rock outcrop	20	—	Unranked	—
	Westmoreland	4	Hills	—	—
	Coshocton	4	Hills	—	—
	wet areas	2	—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
ByD: Brownsville channery silt loam, 15 to 25 percent slopes	Brownsville	85	Hills	No	—
	Coshocton	5	Hills	—	—
	Westmoreland	5	Hills	—	—
	wet areas	3	—	—	—
	rock outcrop	2	—	Unranked	—
ByE: Brownsville channery silt loam, 25 to 35 percent slopes	Brownsville	85	Hills	No	—
	Westmoreland	5	Hills	—	—
	Coshocton	5	Hills	—	—
	wet areas	3	—	—	—
	rock outcrop	2	—	Unranked	—
BzE: Brownsville-Westmoreland complex, 18 to 25 percent slopes	Brownsville	60	Hillsides	No	—
	Westmoreland	30	Hillsides	No	—
	Coshocton	4	Hills	No	—
	Brownsville, very stony	3	—	—	—
	Berks	2	Hills	—	—
	Seep areas	1	—	—	—
BzF: Brownsville-Westmoreland complex, 25 to 40 percent slopes	Brownsville	60	Hillsides	No	—
	Westmoreland	30	Hillsides	No	—
	Coshocton	5	Hills	No	—
	Brownsville, very stony	3	—	—	—
	Rock outcrop, fine grained	2	—	—	—
CaB: Canfield silt loam, 2 to 6 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CaC: Canfield silt loam, 6 to 12 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CaC2: Canfield silt loam, 6 to 12 percent slopes, eroded	Canfield-Eroded	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CdB: Cardington silt loam, 2 to 6 percent slopes	Cardington	95	Ground moraines,end moraines	No	—
	Condit	5	Drainageways,depressions	Yes	2

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	eroded areas with a lighter colored surface layer		—	—	—
	Bennington		Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
CdB2: Cardington silt loam, 2 to 6 percent slopes, eroded	Cardington	95	Ground moraines, end moraines	No	—
	Condit	5	Drainageways, depressions	Yes	2
	Bennington		Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
CdC: Cardington silt loam, 6 to 12 percent slopes	Cardington	95	Ground moraines, end moraines	No	—
	Condit	5	Drainageways, depressions	Yes	2
	Bennington		Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
CdC2: Cardington silt loam, 6 to 12 percent slopes, eroded	Cardington	95	Ground moraines, end moraines	No	—
	Condit	5	Drainageways	Yes	2
	Bennington		Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
CeC3: Cardington silty clay loam, 6 to 12 percent slopes, severely eroded	Cardington	100	Ground moraines, end moraines	No	—
	Bennington		Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
Cf: Carlisle muck	Carlisle	100	Depressions	Yes	1,3,4
	Linwood		Depressions	Yes	1,3,4

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
CgA: Chili loam, 0 to 2 percent slopes	Chili	90	Stream terraces	No	—
	Jimtown	10	Terraces	—	—
CgB: Chili loam, 2 to 6 percent slopes	Chili	100	Terraces	No	—
	Conotton		Terraces	—	—
	Bogart		Terraces	—	—
CgC: Chili loam, 6 to 12 percent slopes	Chili	100	Terraces	No	—
	Bogart		Terraces	—	—
	Conotton		Terraces	—	—
	Jimtown		Terraces	—	—
CgC2: Chili loam, 6 to 12 percent slopes, eroded	Chili	90	Terraces	No	—
	Glenford	5	Terraces,lake plains	—	—
	Fitchville	5	Terraces,lake plains	—	—
	Sebring		Depressions	Yes	2
CgD2: Chili loam, 12 to 18 percent slopes, eroded	Chili	90	Terraces	No	—
	severely eroded soils	5	—	—	—
	seeps	5	—	—	—
ChC: Chili-Wooster complex, 6 to 12 percent slopes	Chili	50	Terraces	No	—
	Wooster	30	Moraines,till plains	No	—
	Wheeling	7	Terraces	—	—
	Oshtemo	7	Terraces	—	—
ChD: Chili-Wooster complex, 12 to 18 percent slopes	seeps and springs	6	—	—	—
	Chili	50	Terraces	No	—
	Wooster	30	Moraines,till plains	No	—
	Oshtemo	7	Terraces	—	—
ChE: Chili-Wooster complex, 18 to 25 percent slopes	Wheeling	7	Terraces	—	—
	seeps and springs	6	—	—	—
	Chili	45	Terraces	No	—
Wooster	35	Moraines,till plains	No	—	

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	wet soils around seeps and springs	10	—	—	—
	shattered or broken rock at 20 to 40 inches	10	—	—	—
CkD: Chili and Conotton gravelly loams, 12 to 18 percent slopes	Chili	50	Terraces	No	—
	Conotton	50	Terraces	No	—
	seeps and springs		—	—	—
	Oshtemo		Terraces	—	—
CkE: Chili and Conotton gravelly loams, 18 to 35 percent slopes	Conotton	50	Terraces	No	—
	Chili	50	Terraces	No	—
	Oshtemo		Terraces	—	—
	seeps and springs		—	—	—
CIC: Chili gravelly loam, 6 to 12 percent slopes	Chili	85	Kames,terraces	No	—
	Bogart	5	Terraces	No	—
	Oshtemo	5	Terraces	—	—
	Negley	5	Terraces	—	—
CID2: Chili gravelly loam, 12 to 25 percent slopes, eroded	Chili	90	Kames,stream terraces	No	—
	seeps and springs	5	—	—	—
	severely eroded areas	5	—	—	—
CmA: Cidermill silt loam, 0 to 2 percent slopes	Cidermill	85	Terraces	No	—
	Chili	5	Terraces	—	—
	Fitchville	5	Terraces,lake plains	—	—
	Glenford	5	Terraces,lake plains	—	—
CmB: Cidermill silt loam, 2 to 6 percent slopes	Cidermill	85	Terraces	No	—
	Fitchville	5	Terraces,lake plains	—	—
	Glenford	5	Terraces,lake plains	—	—
	Chili	5	Terraces	—	—
Cn: Condit silty clay loam	Condit	90	Depressions on drainageways	Yes	2,3
	Colwood	2	Flats	Yes	2,3
	Lenawee	2	Flats	Yes	2,3
	Pewamo	2	Flats	Yes	2,3

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Bennington	2	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	No	—
	small wet spots and closed depressions	2	Depressions on drainageways	Yes	2,3
CoD: Chili and Conotton soils, 12 to 18 percent slopes	Chili	0-98	Outwash terraces	No	—
	Conotton	0-98	Outwash terraces	No	—
	wetter soils around seeps and springs	2	—	—	—
	eroded areas		—	—	—
	broken rock at 4 to 5 feet		—	—	—
CoE: Chili and Conotton soils, 18 to 25 percent slopes	Conotton	0-98	Outwash terraces	No	—
	Chili	0-98	Outwash terraces	No	—
	wetter soils around seeps and springs	2	—	—	—
	broken rock at 3 to 5 feet		—	—	—
CpB: Chili silt loam, 2 to 6 percent slopes	Chili	90	Terraces, alluvial fans	No	—
	Chili, higher clay	10	Terraces	—	—
Cr: Condit silt loam, 0 to 1 percent slopes	Condit	85-95	Ground moraines, end moraines	Yes	2
	Bennington	0-9	Ground moraines, end moraines	No	—
	Pewamo	0-9	Ground moraines, end moraines	Yes	2,3
	Condit-Fine-loamy	0-9	Ground moraines, end moraines	Yes	2
CsC: Conotton gravelly loam, 2 to 12 percent slopes	Conotton	100	Outwash terraces	No	—
	Chili		Terraces	—	—
	eroded areas		—	—	—
CtD: Conotton Variant gravelly loam, 10 to 20 percent slopes	Conotton Variant	90	Terraces	No	—
	Sebring	5	Depressions	Yes	2
	Luray	5	Depressions	Yes	2
	Fitchville		Terraces, lake plains	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
CuE: Chili-Amanda complex, 18 to 25 percent slopes	Chili	50	Terraces	No	—
	Amanda	40	Ground moraines,end moraines	No	—
	somewhat poorly drained soils	10	—	—	—
CvB: Coshocton loam, 2 to 6 percent slopes	Coshocton	100	Hills	No	—
	somewhat poorly drained soils		—	—	—
	silt loam surface layer		—	—	—
	sandy loam surface layer		—	—	—
	eroded areas		—	—	—
CvC: Coshocton loam, 6 to 15 percent slopes	Coshocton	100	Hillsides	No	—
	eroded areas with clay loam or silty clay loam surface layer		—	—	—
	sandy loam surface layer		—	—	—
	somewhat poorly drained soils		—	—	—
CxB: Coshocton silt loam, 2 to 6 percent slopes	Coshocton	85	Hills	No	—
	seepy areas	5	—	—	—
	Gilpin	5	Hills	—	—
	Westmoreland	5	Hills	—	—
Cx2: Coshocton silt loam, 6 to 15 percent slopes, eroded	Coshocton	85	Hills	No	—
	somewhat poorly drained soils	5	—	—	—
	Westmoreland	4	Hills	—	—
	Gilpin	3	Hills	—	—
	Rigley	3	Hills	—	—
EIB: Ellsworth silt loam, 2 to 6 percent slopes	Ellsworth	85	Till plains	No	—
	Mahoning	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EIB2: Ellsworth silt loam, 2 to 6 percent slopes, eroded	Ellsworth-Eroded	85	Till plains	No	—
	Mahoning-Eroded	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2

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EIC2: Ellsworth silt loam, 6 to 12 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—	
	Mahoning-Eroded	10	Till plains	No	—	
EIE2: Ellsworth silt loam, 12 to 25 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—	
	Brecksville-Eroded	10	Till plains	No	—	
EIF: Ellsworth silt loam, 25 to 70 percent slopes	Ellsworth	85	Till plains	No	—	
	Brecksville	15	Till plains	No	—	
FbA: Fitchville silt loam, 0 to 2 percent slopes	Fitchville	90	Lake plains	No	—	
	Sebring	5	Drainageways, depressions	Yes	2	
	Luray	5	Drainageways, depressions	Yes	2	
	loam surface layer		—	—	—	
	sandy loam or gravelly loam below 3 feet		—	—	—	
	till within 3 feet		—	—	—	
	black or very dark gray surface layer		—	—	—	
	FbB: Fitchville silt loam, 2 to 6 percent slopes	Fitchville	95	Lake plains	No	—
	Sebring	5	Drainageways, depressions	Yes	2	
	broken rock or gravelly loam at 3 to 5 feet		—	—	—	
FbB: Fitchville silt loam, 2 to 6 percent slopes	Glenford		Terraces, lake plains	—	—	
	firm till within 3 feet		—	—	—	
	black or very dark gray loam surface layer		—	—	—	
	FcA: Fitchville silt loam, 1 to 4 percent slopes	Fitchville	90	Depressions on stream terraces, flats on stream terraces, knolls on stream terraces	No	—
Sebring	10	Depressions	Yes	2		
slopes of more than 4 percent		—	—	—		
silty clay subsoil		—	—	—		
FgA: Fitchville silt loam, gravelly subsoil variant, 0 to 2 percent slopes	Fitchville Variant	95	Lake plains	No	—	
	grayer subsoil	5	Depressions	Yes	2	

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	gravelly loam within 24 inches		—	—	—
	more than 40 inches to gravel		—	—	—
Fr: Frenchtown silt loam	Frenchtown	100	Depressions on till plains	Yes	2
	areas covered by light colored overwash		Depressions on till plains	Yes	2
	gravel or bedrock within 3 to 5 feet		Depressions on till plains	Yes	2
GaB: Gilpin silt loam, 3 to 8 percent slopes	Gilpin	75-100	Ridges	No	—
	Coshocton	0-10	Ridges	No	—
	Coolville	0-10	Ridges	No	—
	Berks	0-15	Ridges	No	—
GaC: Gilpin silt loam, 6 to 12 percent slopes	Gilpin	80	Hills	No	—
	Westmoreland	10	Hills	No	—
	Coshocton	5	Hills	No	—
	Library Variant	5	—	—	—
GbC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	70-100	Ridges	No	—
	Upshur	0-20	Ridges	No	—
	Coshocton	0-10	Ridges	No	—
	Berks	0-15	Ridges	No	—
GfA: Glenford silt loam, 0 to 2 percent slopes	Glenford	100	Terraces	No	—
	Fitchville		Terraces,lake plains	—	—
GfB: Glenford silt loam, 2 to 6 percent slopes	Glenford	100	Terraces	No	—
	underlain by sand, gravel, till, or broken rock below 4 feet		—	—	—
	Sebring		Drainageways,depressions	Yes	2
	eroded areas		—	—	—
	Fitchville		Terraces,lake plains	—	—
	more pebbles, and denser subsoil		—	—	—
GfC: Glenford silt loam, 6 to 12 percent slopes	Glenford	100	Terraces	No	—
	Fitchville		Terraces,lake plains	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	shattered rock at 4 feet or more		—	—	—
	wet spots and springs		Hills, drainageways	Yes	2
HaA: Haskins silt loam, 0 to 3 percent slopes	Haskins	90	Outwash plains, stream terraces	No	—
	Rawson	10	Outwash plains, stream terraces	—	—
HkA: Haskins loam, 0 to 3 percent slopes	Haskins	80	Till plains, lake plains	No	—
	Bennington	5	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	No	—
	Cardington	5	End moraines, ground moraines	No	—
	Jimtown	5	Terraces	No	—
	Tuscola	5	Lake plains, deltas	No	—
Ho: Holly silt loam	Holly	95	Flood plains	Yes	2,4
	Shoals	5	Flood plains	No	—
	Killbuck		Flood plains	Yes	2
	silty clay loam surface and silty clay subsoil		Flood plains	Yes	2,4
JmA: Jimtown loam, 0 to 3 percent slopes	Jimtown	80	Terraces	No	—
	Chili	5	Terraces	No	—
	Haskins	5	Lake plains, till plains	No	—
	Colwood	5	Depressions	Yes	2,3
	moderately well drained soils	5	—	No	—
JoB: Jimtown loam, 2 to 6 percent slopes	Jimtown	90	Outwash plains, stream terraces	No	—
	Bogart	10	Terraces	—	—
JwA: Jimtown silt loam, 0 to 2 percent slopes	Jimtown	95	Terraces	No	—
	poorly drained soils	5	Depressions	Yes	2
	lenses and pockets of sand and gravel in the lower part		—	—	—
	darker colored surface layer		—	—	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Bogart		Terraces	—	—
JwB: Jimtown silt loam, 2 to 6 percent slopes	Jimtown	95	Terraces	No	—
	poorly drained soils	5	Depressions	Yes	2
	Bogart		Terraces	—	—
Kb: Killbuck silt loam	Killbuck	100	Flood plains	Yes	2
LfB: Latham silt loam, 2 to 6 percent slopes	Latham	100	Hills	No	—
	thin layer of till over shale		—	—	—
	solid bedrock within 40 inches		—	—	—
	wetter soils around wet spots		—	—	—
Ln: Linwood muck	Linwood	100	Depressions	Yes	1,3,4
	Pewamo		Depressions	Yes	2,3
	peat rather than muck		Depressions	Yes	1,3,4
	limy throughout; underlain by marl		Depressions	Yes	1,3,4
	Luray		Depressions	Yes	2,3
	Sloan		Flood plains	Yes	2
	Carlisle		Depressions	Yes	1,3,4
Lo: Lobdell silt loam	Lobdell	95	Flood plains	No	—
	Holly	5	Depressions	Yes	2
	well drained soils		—	—	—
	old stream channels with nearly vertical side slopes		—	—	—
	rock rubble or recent alluvium on the surface		—	—	—
	layers or pockets of sandy loam, gravelly loam, or gravel		—	—	—
	black surface layer		—	—	—
	Shoals		Flood plains	—	—
LtB: Lordstown silt loam, 2 to 6 percent slopes	Lordstown	100	Hills	No	—
	more clayey subsoil		—	—	—
LtC: Lordstown silt loam, 6 to 12 percent slopes	Lordstown	100	Hills	No	—
	more clay in the subsoil		—	—	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	bedrock at more than 40 inches		—	—	—
	Berks		Hills	—	—
LtD: Lordstown silt loam, 12 to 18 percent slopes	Lordstown	100	Hills	No	—
	more clay in the subsoil		—	—	—
	bedrock at more than 40 inches		—	—	—
	Berks		Hills	—	—
	springs and seeps		—	—	—
LtE: Lordstown silt loam, 18 to 25 percent slopes	Lordstown	100	Hillsides	No	—
	Berks		Hills	—	—
	bedrock at less than 20 inches		—	—	—
	rock outcrop		—	Unranked	—
LtF: Lordstown silt loam, 25 to 40 percent slopes	Lordstown	100	Hillsides	No	—
	Loudonville		Hills	—	—
	rock outcrop		—	Unranked	—
	bedrock at less than 20 inches		—	—	—
	Berks		Hills	—	—
LuE: Lordstown and Loudonville silt loams, 18 to 25 percent slopes	Loudonville	0-90	Hills on till plains	No	—
	Lordstown	0-90	Hills	No	—
	wetter soils around spings and seeps	10	—	—	—
	Conotton		Terraces	—	—
	bedrock within 20 inches		—	—	—
	Chili		Terraces	—	—
	solid bedrock greater than 40 inches		—	—	—
	Berks		Hills	—	—
	areas with stones, gravel, and boulders on the surface		—	—	—
LvB: Loudonville silt loam, 2 to 6 percent slopes	Loudonville	100	Hills	No	—
	seeps and springs		—	—	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Berks		Hills	—	—
LvC: Loudonville silt loam, 6 to 12 percent slopes	Loudonville	100	Hills	No	—
	Berks		Hills	—	—
	seeps and springs		—	—	—
LvD: Loudonville silt loam, 12 to 18 percent slopes	Loudonville	100	Hills	No	—
	Berks		Hills	—	—
	Lordstown		Hills	—	—
	seeps and springs		—	—	—
LvE: Loudonville silt loam, 18 to 25 percent slopes	Loudonville	100	Hills	No	—
	seeps and springs		—	—	—
	Berks		Hills	—	—
Ly: Luray silty clay loam	Luray	100	Depressions	Yes	2,3
	silty clay surface		Depressions	Yes	2,3
	lighter colored material on the surface		Depressions	Yes	2,3
	dark colored gravelly soil		Depressions	Yes	2,3
	compact till at 2 to 5 feet		Depressions	Yes	2,3
LzB: Lykens silt loam, 2 to 6 percent slopes	Lykens	95	Ground moraines	No	—
	Condit	5	Depressions	Yes	2
	poorly drained soils		—	—	—
	Bennington		Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
	loam surface layer		—	—	—
	Tiro		Till plains	—	—
	Wadsworth		Till plains	—	—
	somewhat poorly drained soils		—	—	—
	sandy loam surface layer		—	—	—
MaA: Mahoning silt loam, 0 to 2 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	5	Till plains	No	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Trumbull	5	Till plains	Yes	2
	Miner	5	Till plains,lake plains	Yes	2,3
MaB: Mahoning silt loam, 2 to 6 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
MaB2: Mahoning silt loam, 2 to 6 percent slopes, eroded	Mahoning-Eroded	85	Till plains	No	—
	Ellsworth-Eroded	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
MeC2: Mechanicsburg silt loam, 6 to 12 percent slopes, eroded	Mechanicsburg	85	Ridges,drainageways	No	—
	somewhat poorly drained soils	5	—	—	—
	Wooster	5	Till plains,moraines	—	—
	Berks	5	Hills	—	—
Om: Orrville silt loam, frequently flooded	Orrville	90	Flood plains	No	—
	Bennington	4	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Holly	3	Depressions	Yes	2,4
	Lobdell	3	Flood plains	No	—
Or: Orrville silt loam, occasionally flooded	Orrville	85	Flood plains	No	—
	Melvin	5	Flood plains	Yes	2
	Lobdell	3	Flood plains	—	—
	Tioga	3	Flood plains	—	—
	Bogart	2	Terraces	—	—
	Chili	2	Terraces	—	—
Os: Orrville Variant silt loam	Orrville Variant	100	Flood plains	No	—
OtB: Oshtemo sandy loam, 2 to 6 percent slopes	Oshtemo	100	Terraces	No	—
	Jimtown		Terraces	—	—
	darker colored surface layer		—	—	—
	gravelly sandy loam surface layer		—	—	—
	Bogart		Terraces	—	—
	eroded areas		—	—	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
OtC: Oshtemo sandy loam, 6 to 12 percent slopes	Oshtemo	100	Terraces	No	—
	slopes of more than 12 percent		—	—	—
	slopes of less than 6 percent		—	—	—
	Jimtown		Terraces	—	—
	gravelly sandy loam surface layer		—	—	—
	Bogart		Terraces	—	—
	eroded areas		—	—	—
OvB: Oshtemo fine sandy loam, 2 to 6 percent slopes	Oshtemo	85	Terraces	No	—
	Chili	4	Terraces	No	—
	Jimtown	4	Terraces	No	—
	Elnora	4	Longshore bars (relict),beach ridges	No	—
	Spinks	3	Dunes,dunes,dunes,beach ridges,beach ridges,beach ridges,outwash plains,moraines,lake plains	No	—
Pc: Pewamo silty clay loam	Pewamo	100	Till plains	Yes	2,3
Pg: Pits, gravel	Pits	100	—	Unranked	—
RnA: Ravenna silt loam, 0 to 2 percent slopes	Ravenna	95	Till plains	No	—
	Condit	5	Depressions	Yes	2
	loam surface layer		—	—	—
	gravelly loam surface layer		—	—	—
	sandy loam surface layer		—	—	—
	layers of sand and gravel in and below the subsoil		—	—	—
RnB: Ravenna silt loam, 2 to 6 percent slopes	Ravenna	95	Till plains	No	—
	Condit	5	Drainageways,depressions	Yes	2
	Canfield		Till plains,moraines	—	—
	slopes of less than 2 percent		—	—	—
	eroded areas		—	—	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RoB: Rawson loam, 2 to 6 percent slopes	Rawson	90	Hills	No	—
	Areas with a silt loam or sandy loam surface	4	—	—	—
	Spots of moderately eroded soils	3	—	—	—
	Areas of gravelly soils	3	—	—	—
RrC: Rigley sandy loam, 6 to 12 percent slopes	Rigley	100	Hills	No	—
	clay shale bedrock at 4 feet or more		—	—	—
	bedrock at 20 to 40 inches		—	—	—
RsB: Rittman silt loam, 2 to 6 percent slopes	Rittman	95	Till plains	No	—
	Condit	5	Depressions	Yes	2
	Lykens		Till plains	—	—
	Wadsworth		Till plains	—	—
	slopes of less than 2 percent		—	—	—
	eroded areas		—	—	—
	bedrock within 60 inches		—	—	—
RsB2: Rittman silt loam, 2 to 6 percent slopes, eroded	Rittman	95	Till plains	No	—
	Condit	5	Depressions	Yes	2
	severely eroded areas		—	—	—
	Wadsworth		Till plains	—	—
RsC: Rittman silt loam, 6 to 12 percent slopes	Rittman	95	Till plains	No	—
	Holly	5	Drainageways	Yes	2
	Wadsworth		Till plains	—	—
	eroded areas		—	—	—
	Shoals		Flood plains	—	—
RsC2: Rittman silt loam, 6 to 12 percent slopes, eroded	Rittman	95	Till plains	No	—
	Holly	5	Drainageways	Yes	2
	severely eroded areas		—	—	—
	Shoals		Flood plains	—	—
	Wadsworth		Till plains	—	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RsD2: Rittman silt loam, 12 to 18 percent slopes, eroded	Rittman	95	Till plains	No	—
	Holly	5	Drainageways	Yes	2
	severely eroded areas		—	—	—
	Shoals		Flood plains	—	—
	gravelly deposits		—	—	—
	Wooster		Till plains, moraines	—	—
SaD: Schaffemaker loamy sand, 12 to 25 percent slopes	Schaffemaker	95	Ridges, hills	No	—
	Schaffemaker, deep	2	—	No	—
	Rigley	1	Hills	No	—
	Schaffemaker, very stony	1	Hills	No	—
	Rock outcrop, coarse grained	1	—	—	—
ScE: Schaffemaker loamy sand, 10 to 40 percent slopes	Schaffemaker	100	Ridges	No	—
	stones and boulders on the surface		—	—	—
	Rigley		Hills	—	—
Sg: Sebring silt loam	Sebring	100	Depressions	Yes	2,3
	Luray		Depressions	Yes	2,3
	gravelly loam or till below 3 or 4 feet		Depressions	Yes	2,3
Sh: Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	Shoals	80-100	Flood plains	No	—
	Sloan	0-9	Flood plains	Yes	2
	Eel	0-9	Flood plains	No	—
Sk: Shoals loam, coarse subsoil variant	Shoals Variant	95	Flood plains	No	—
	non-calcerous surface layer and subsoil	5	—	—	—
	moderately well drained soils		—	—	—
	gravelly loam substratum		—	—	—
	gravelly loam surface layer		—	—	—
	sandy loam surface layer		—	—	—
Sn: Sloan silty clay loam	Sloan	95	Flood plains	Yes	2
	Algiers	5	Flood plains	No	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Killbuck		Flood plains	Yes	2
	black silty clay surface layer, dark gray silty clay subsoil		Flood plains	Yes	2
	lighter colored overwash on the surface		Flood plains	Yes	2
TkA: Tiro silt loam, 0 to 2 percent slopes	Tiro	85	Till plains	No	—
	Haskins	5	Lake plains,till plains	No	—
	Condit	5	Depressions	Yes	2,3
	Cardington	5	Ground moraines,end moraines	No	—
ToA: Tiro silt loam, 1 to 4 percent slopes	Tiro	85	Till plains	No	—
	Sebring	5	Depressions	Yes	2
	Condit	5	Depressions	Yes	2
	Trumbull	5	Drainageways	Yes	2
	darker colored surface layer		—	—	—
	sandy loam surface layer		—	—	—
TvC: Titusville silt loam, 6 to 12 percent slopes	Titusville	95	Hills on till plains	No	—
	wetter soils around springs and seeps and in drainageways	5	—	—	—
	Hanover		Moraines,till plains	—	—
	stones and boulders on the surface		—	—	—
	broken sandstone at 3 to 5 feet		—	—	—
	eroded areas		—	—	—
TyA: Trumbull silty clay loam, 0 to 2 percent slopes	Trumbull	90	Till plains	Yes	2
	Miner	5	Till plains,lake plains	Yes	2,3
	Mahoning	5	Till plains	No	—
Ud: Udorthents	Udorthents	100	—	Unranked	—
	pits		—	Unranked	—
	paved areas		—	—	—
Ur: Urban land	Urban land	100	—	Unranked	—
W: Water	Water	100	—	Unranked	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WaA: Wadsworth silt loam, 0 to 2 percent slopes	Wadsworth	95	Till plains	No	—
	Condit	5	Drainageways,depressions	Yes	2
WaB: Wadsworth silt loam, 2 to 6 percent slopes	Wadsworth	95	Till plains	No	—
	Condit	5	Drainageways,depressions	Yes	2
	Rittman		Till plains	—	—
	eroded areas		—	—	—
Wb: Walkkill silt loam	Walkkill	100	Flood plains	Yes	2,3,4
	sandy or gravelly surface layer		Flood plains	Yes	2,3,4
WcC2: Wooster-Chili complex, 6 to 12 percent slopes, eroded	Wooster	60	Moraines,till plains	No	—
	Chili	30	Terraces	No	—
	Amanda	4	Ground moraines,end moraines	—	—
	Ravenna	4	Till plains	—	—
	severely eroded soils	2	—	—	—
WcD2: Wooster-Chili complex, 12 to 18 percent slopes, eroded	Wooster	60	Moraines,till plains	No	—
	Chili	30	Terraces	No	—
	Amanda	4	Ground moraines,end moraines	—	—
	Ravenna	3	Till plains	—	—
	steep spots	3	—	—	—
WeD: Westmoreland silt loam, 15 to 25 percent slopes	Westmoreland	75-90	Hills	No	—
	Berks	5-15	Hills	No	—
	Coshocton	5-15	Hills	No	—
WhA: Wheeling silt loam, 0 to 2 percent slopes	Wheeling	100	Terraces	No	—
	Bogart		Terraces	—	—
	no gravelly layer within 40 inches		—	—	—
WhB: Wheeling silt loam, 2 to 6 percent slopes	Wheeling	100	Terraces	No	—
	Bogart		Terraces	—	—
	Chili		Terraces	—	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WhC: Wheeling silt loam, 6 to 12 percent slopes	Wheeling	100	Terraces	No	—
	slopes of more than 12 percent		—	—	—
	eroded areas		—	—	—
	Chili		Terraces	—	—
	seeps and springs		—	—	—
	shattered or broken rock at 4 to 5 feet		—	—	—
WsB: Wooster silt loam, 2 to 6 percent slopes	Wooster	100	Moraines,till plains	No	—
	eroded areas		—	—	—
	Canfield		Till plains,moraines	—	—
	wet spots and springs		—	—	—
	Loudonville		Hills	—	—
WsC: Wooster silt loam, 6 to 12 percent slopes	Wooster	100	Moraines,till plains	No	—
	springs and seeps		—	—	—
	Loudonville		Hills	—	—
	dense lower subsoil		—	—	—
	eroded areas		—	—	—
	Canfield		Till plains,moraines	—	—
WsC2: Wooster silt loam, 6 to 12 percent slopes, moderately eroded	Wooster	100	Till plains	No	—
	stony soils		—	—	—
	bedrock at 40 to 60 inches		—	—	—
	Canfield		Moraines,till plains	—	—
WsD2: Wooster silt loam, 12 to 18 percent slopes, eroded	Wooster	100	Moraines,till plains	No	—
	shattered or broken rock at 4 to 6 feet		—	—	—
	uneroded areas		—	—	—
	seeps and springs		—	—	—
	Canfield		Till plains,moraines	—	—
	severely eroded areas		—	—	—
WsE: Wooster silt loam, 18 to 35 percent slopes	Wooster	100	Moraines,till plains	No	—
	nearly vertical banks		—	—	—

Hydric Soil List - All Components--OH005-Ashland County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	eroded areas		—	—	—
	seeps and springs		—	—	—
	Loudonville		Hills	—	—
WtE: Wooster silt loam, 18 to 25 percent slopes	Wooster	85	Till plains	No	—
	soils similar to Holly	4	Drainageways	Yes	2,4
	soils similar to Shoals	4	—	—	—
	wetter soils around springs and seeps	4	—	—	—
	gullied areas	3	—	—	—
	boulders on the surface		—	—	—
	bedrock at 60 inches		—	—	—
	gravelly and stony soils		—	—	—
	mixed layers due to tree throw		—	—	—
	bedrock at 30 inches		—	—	—
WuB: Wooster-Riddles silt loams, 2 to 6 percent slopes	Riddles	45	—	No	—
	Wooster	45	—	No	—
	Loudonville	10	Hills	—	—
WuC: Wooster-Riddles silt loams, 6 to 12 percent slopes	Riddles	45	Ridges, drainageways	No	—
	Wooster	45	Ridges, drainageways	No	—
	Loudonville	5	Hills	—	—
	Chili	5	Terraces	—	—
WuD2: Wooster-Riddles silt loams, 12 to 18 percent slopes, eroded	Riddles	45	Ridges, drainageways	No	—
	Wooster	45	Ridges, drainageways	No	—
	Loudonville	5	Hills	—	—
	Chili	5	Terraces	—	—

## Data Source Information

Soil Survey Area: Ashland County, Ohio  
 Survey Area Data: Version 12, Sep 19, 2014