

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—OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AaB: Aaron silt loam, 2 to 8 percent slopes	Aaron	85	Hills	No	—
	Gilpin	10	Hills	—	—
	severely eroded areas	5	—	—	—
	less clay in the subsoil		—	—	—
AaC: Aaron silt loam, 8 to 15 percent slopes	Aaron	85	Hills	No	—
	Gilpin	8	Hills	—	—
	severely eroded areas	7	—	—	—
	better drained soils		—	—	—
AbB: Aaron silt loam, 2 to 6 percent slopes	Aaron	85	Hills	No	—
	Keene	8	Hills	—	—
	somewhat poorly drained soils	7	—	—	—
	silty clay loam surface layer		—	—	—
AnC2: Aaron silty clay loam, 6 to 15 percent slopes, eroded	Aaron	85	Hills	No	—
	Coshocton	4	Hills	—	—
	Berks	4	Hills	—	—
	Gilpin	4	Hills	—	—
	somewhat poorly drained soils	3	—	—	—
	better drained soils		—	—	—
	silt loam surface layer		—	—	—
BeB: Berks silt loam, 3 to 8 percent slopes	Berks	85	Hills	No	—
	Guernsey	15	Hills	—	—
BfC: Berks channery silt loam, 8 to 15 percent slopes	Berks	75-90	Ridges	No	—
	Weikert	0-15	Ridges	No	—
	Coshocton	0-10	Ridges	No	—

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BfD: Berks channery silt loam, 15 to 25 percent slopes	Berks	80-90	Hillslopes	No	—
	Weikert	0-15	Hillslopes	No	—
	Guernsey	0-10	Hillslopes	No	—
BfE: Berks channery silt loam, 25 to 40 percent slopes	Berks	80	Hills	No	—
	bedrock at 10 to 20 inches	10	—	—	—
	severely eroded areas	10	—	—	—
	bedrock at 40 to 60 inches		—	—	—
BfF: Berks channery silt loam, 40 to 70 percent slopes	Berks	80	Hills	No	—
	severely eroded areas	10	—	—	—
	bedrock at 10 to 20 inches	10	—	—	—
	bedrock at 40 to 60 inches		—	—	—
BkC: Berks shaly silt loam, 8 to 15 percent slopes	Berks	85	Hills	No	—
	Guernsey	15	Hills	—	—
BkD: Berks shaly silt loam, 15 to 25 percent slopes	Berks	90	Hills	No	—
	Guernsey	10	Hills	—	—
BkE: Berks channery silt loam, 25 to 35 percent slopes	Berks	80-90	Hillslopes	No	—
	Weikert	0-10	Hillslopes	No	—
	Guernsey	0-10	Hillslopes	No	—
BkF: Berks channery silt loam, 35 to 70 percent slopes	Berks	80-90	Hillslopes	No	—
	Weikert	0-10	Hillslopes	No	—
	Guernsey	0-10	Hillslopes	No	—
BmD: Bethesda loam, 8 to 25 percent slopes	Bethesda	90	Hills	No	—
	ultra acid soils	5	—	—	—
	unreclaimed areas	5	—	—	—
	less acid soils		—	—	—
BnB: Bethesda channery clay loam, 0 to 8 percent slopes	Bethesda	90	Hills	No	—
	more acid soils	5	—	—	—
	Poorly drained soils	5	—	Yes	2

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
BnC: Bethesda channery clay loam, 8 to 15 percent slopes	Bethesda	95	Hills	No	—
	more acid soils	5	—	—	—
BnD: Bethesda channery clay loam, 15 to 25 percent slopes	Bethesda	90	Hills	No	—
	steeper areas	5	—	—	—
	more acid soils	5	—	—	—
BnF: Bethesda channery clay loam, 25 to 70 percent slopes	Bethesda	85	Hills	No	—
	more acid soils	4	—	—	—
	high walls	4	—	—	—
	less sloping areas	4	—	—	—
	areas in the flood pools of dams	3	—	—	—
BpC: Bethesda very channery clay loam, 8 to 20 percent slopes	Bethesda	95	Hills	No	—
	barren areas	3	—	—	—
	sandy soils	2	—	—	—
BpF: Bethesda very channery clay loam, 20 to 70 percent slopes	Bethesda	90	Hills	No	—
	sandy soils	3	—	—	—
	less sloping areas	3	—	—	—
	toxic areas	2	—	—	—
	highwalls	2	—	—	—
BrC: Berks channery silt loam, 6 to 15 percent slopes	Berks	85	Hills	No	—
	Aaron	8	Hills	—	—
	Gilpin	7	Hills	—	—
	less than 20 inches to bedrock		—	—	—
BsF: Bethesda channery silty clay loam, 25 to 70 percent slopes	Bethesda	85	Hills	No	—
	poorly drained soils	10	Hills, drainageways	Yes	2,3
	highwalls	3	—	—	—
	slopes of 6 to 25 percent	2	—	—	—
BtA: Bogart variant loam, 0 to 3 percent slopes	Bogart Variant	85	Terraces	No	—
	Chili	5	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
	Fitchville	5	Lake plains, terraces	—	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
BtB: Bogart variant loam, 3 to 8 percent slopes	Bogart Variant	85	Terraces	No	—
	areas in the flood pools of dams	5	—	—	—
	Fitchville	5	Terraces,lake plains	—	—
	Chili	5	Terraces	—	—
Ca: Canadice silty clay loam	Canadice	85	Terraces	Yes	2,3
	Caneadea	10	Lake plains	No	—
	areas in the flood pools of dams	5	Terraces	Yes	2,3
CbA: Caneadea silty clay loam, 0 to 2 percent slopes	Caneadea	85	Lake plains	No	—
	Canadice	15	Depressions	Yes	2,3
	silt loam surface layer		—	—	—
CcA: Caneadea silty clay loam, 0 to 3 percent slopes	Caneadea	85	Lake plains	No	—
	Canadice	10	Depressions	Yes	2,3
	areas in the flood pools of dams	5	—	—	—
CdC: Canfield silt loam, 8 to 15 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CeB: Canfield silt loam, 2 to 6 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CeC: Canfield silt loam, 6 to 12 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
Cg: Chagrin silt loam, alkaline phase	Chagrin	100	Flood plains	No	—
	loam surface layer		—	—	—
	slopes of 2 to 6 percent		—	—	—
	Shoals		Flood plains	—	—
ChB: Coshocton silt loam, 2 to 6 percent slopes	Coshocton	85	Hills	No	—
	Westmoreland	5	Hills	—	—
	seepy areas	5	—	—	—
	Gilpin	5	Hills	—	—
ChC: Coshocton silt loam, 6 to 15 percent slopes	Coshocton	85	Hills	No	—
	Gilpin	5	Hills	—	—

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	Keene	5	Hills	—	—
	Guernsey	5	Hills	—	—
	well drained soils		—	—	—
ChC2: 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	—	—
CkB: Chili gravelly loam, 3 to 8 percent slopes	Chili	85	Terraces	No	—
	Wheeling	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
CkC: Chili gravelly loam, 8 to 15 percent slopes	Chili	85	Terraces	No	—
	Conotton	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
CIA: Chili silt loam, 0 to 2 percent slopes	Chili	100	Terraces	No	—
	Bogart		Terraces	—	—
	Weinbach		Terraces	—	—
	gently sloping areas		—	—	—
CIB: Chili silt loam, 2 to 6 percent slopes	Chili	100	Terraces	No	—
	moderately eroded areas		—	—	—
	areas that contain globs of till		—	—	—
CIC: Chili silt loam, 6 to 12 percent slopes	Chili	100	Terraces	No	—
	moderately eroded areas		—	—	—
	masses or layers of till in subsoil or underlying material		—	—	—
CmA: Chili silt loam, 0 to 3 percent slopes	Chili	85	Terraces	No	—
	Sparta	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
CnB: Chili-Urban land complex, undulating	Chili	40	Terraces	No	—
	Urban land	40	—	Unranked	—
	Wheeling	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
	Conotton	5	Terraces	—	—
CoA: Conotton gravelly loam, 0 to 3 percent slopes	Conotton	85	Terraces	No	—
	Chili	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
CoB: Conotton gravelly loam, 3 to 8 percent slopes	Conotton	85	Terraces	No	—
	Chili	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
CoD: Conotton gravelly loam, 15 to 25 percent slopes	Conotton	85	Terraces	No	—
	Chili	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
CpB: Coshocton silt loam, 3 to 8 percent slopes	Coshocton	85	Hills	No	—
	areas in the flood pools of dams	5	—	—	—
	Guernsey	5	Hills	—	—
	seepy areas	5	—	—	—
CpC2: Coshocton silt loam, 8 to 15 percent slopes, eroded	Coshocton	85	Hills	No	—
	Guernsey	8	Hills	—	—
	somewhat poorly drained soils	7	—	—	—
	well drained soils		—	—	—
CpD: Coshocton silt loam, 15 to 25 percent slopes	Coshocton	85	Hills	No	—
	poorly drained soils	3	Hills	Yes	2
	Rigley	3	Hills	—	—
	Westmoreland	3	Hills	—	—
	somewhat poorly drained soils	3	—	—	—
stones on the surface	3	—	—	—	

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	bedrock at 20 to 40 inches		—	—	—
	more clay in the subsoil		—	—	—
	better drained soils		—	—	—
CrD: Coshocton loam, 15 to 25 percent slopes	Coshocton	80	Hills	No	—
	Clarksburg	10	Hills	—	—
	somewhat poorly drained soils	10	—	—	—
	well drained soils		—	—	—
CsC: Coshocton-Guernsey silt loams, 8 to 15 percent slopes	Coshocton	55	Hills	No	—
	Guernsey	30	Hills	No	—
	Berks	10	Hills	—	—
	Hazleton	5	Hills	—	—
CsD: Coshocton-Guernsey silt loams, 15 to 25 percent slopes	Coshocton	60	Hills	No	—
	Guernsey	30	Hills	No	—
	Hazleton	5	Hills	—	—
	areas in the flood pools of dams	5	—	—	—
CsE: Coshocton-Guernsey silt loams, 25 to 40 percent slopes	Coshocton	60	Hills	No	—
	Guernsey	30	Hills	No	—
	areas in the flood pools of dams	5	—	—	—
	Hazleton	5	Hills	—	—
CtC: Coshocton-Guernsey very stony silt loams, 8 to 15 percent slopes	Coshocton	55	Hills	No	—
	Guernsey	30	Hills	No	—
	extremely stony soils	5	—	—	—
	Hazleton	5	Hills	—	—
	Berks	5	Hills	—	—
CtD: Coshocton-Guernsey very stony silt loams, 15 to 25 percent slopes	Coshocton	55	Hills	No	—
	Guernsey	30	Hills	No	—
	Hazleton	5	Hills	—	—
	Berks	5	Hills	—	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	extremely stony or extremely bouldery soils	3	—	—	—
	areas in the flood pools of dams	2	—	—	—
CuB: Chili loam, 2 to 6 percent slopes	Chili	85	Terraces	No	—
	Watertown	15	Terraces	—	—
	gravelly surface layer		—	—	—
	silt loam surface layer		—	—	—
CvB: Conotton gravelly loam, 2 to 6 percent slopes	Conotton	100	Terraces	No	—
	Bogart		Terraces	—	—
	non-gravelly surface layer		—	—	—
CvD2: Conotton gravelly loam, 12 to 18 percent slopes, moderately eroded	Conotton	100	Terraces	No	—
CxF2: Chili and Conotton gravelly loams, 25 to 50 percent slopes, moderately eroded	Chili	50	Terraces	No	—
	Conotton	50	Terraces	No	—
	boulders in the subsoil		—	—	—
CyB: Coshocton-Keene silt loams, 3 to 8 percent slopes	Coshocton	50	Hills	No	—
	Keene	35	Hills	No	—
	Culleoka	5	Hills	—	—
	Library Variant	5	Hills	—	—
	Guernsey	5	Hills	—	—
EkA: Elkinsville silt loam, 0 to 3 percent slopes	Elkinsville	85	Terraces	No	—
	Glenford	5	Terraces,lake plains	—	—
	areas in the flood pools of dams	5	—	—	—
	Chili	5	Terraces	—	—
FaE: Fairpoint silty clay loam, 25 to 40 percent slopes	Fairpoint	90	Hills	No	—
	soils that were covered by mining activities	10	—	—	—
	channery silty clay loam surface layer		—	—	—
FbA: Fitchville silt loam, 0 to 2 percent slopes	Fitchville	90	Terraces,lake plains	No	—
	Sebring	10	Depressions	Yes	2,3

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FbB: Fitchville silt loam, 2 to 6 percent slopes	Fitchville	85	Lake plains,terraces	No	—
	Sebring	10	Depressions	Yes	2,3
	Glenford	5	Terraces,lake plains	—	—
FcA: Fitchville silt loam, 0 to 3 percent slopes	Fitchville	80-90	Terraces	No	—
	Glenford	5-15	Terraces	No	—
	Sebring	0-10	Terraces	Yes	2,3
FcB: Fitchville silt loam, 3 to 8 percent slopes	Fitchville	80-90	Terraces	No	—
	Glenford	5-15	Terraces	No	—
	Sebring	0-10	Terraces	Yes	2,3
FdA: Fitchville silt loam, clayey substratum, 0 to 3 percent slopes	Fitchville	85	Terraces,lake plains	No	—
	Sebring	10	Depressions	Yes	2,3
	areas in the flood pools of dams	5	—	—	—
FdB: Fitchville silt loam, clayey substratum, 3 to 8 percent slopes	Fitchville	85	Lake plains,terraces	No	—
	Sebring	10	Depressions	Yes	2,3
	Glenford	3	Terraces,lake plains	—	—
	areas in the flood pools of dams	2	—	—	—
FeB: Fitchville-Urban land complex, undulating	Fitchville	50	Terraces,lake plains	No	—
	Urban land	30	—	Unranked	—
	Glenford	10	Terraces,lake plains	—	—
	Sebring	10	Depressions	Yes	2,3
FoB: Fairpoint silt loam, 0 to 8 percent slopes	Fairpoint	100	Hills	No	—
FoC: Fairpoint silt loam, 8 to 20 percent slopes	Fairpoint	100	Hills	No	—
GaB: Gilpin silt loam, 2 to 6 percent slopes	Gilpin	100	Hills	No	—
	Keene		Hills	—	—
	Weikert		Hills	—	—
GaC: 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	—

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GbB: 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	—
GcD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	70-100	Hillslopes	No	—
	Coshocton	0-15	Hillslopes	No	—
	Berks	0-15	Hillslopes	No	—
	Coolville	0-10	Hillslopes	No	—
GdB: Glenford silt loam, 2 to 6 percent slopes	Glenford	90	Terraces	No	—
	Fitchville	5	Lake plains,terraces	—	—
	Sebring	5	Depressions	Yes	2,3
GdC: Glenford silt loam, 6 to 12 percent slopes	Glenford	100	Terraces	No	—
	Mentor		Lake plains	—	—
	moderately eroded areas		—	—	—
GdC2: Glenford silt loam, 6 to 12 percent slopes, eroded	Glenford	90	Terraces	No	—
	Fitchville	10	Terraces,lake plains	—	—
GeC: Glenford silt loam, 6 to 15 percent slopes	Glenford	85	Terraces	No	—
	Fitchville	10	Terraces,lake plains	—	—
	poorly drained soils	5	Drainageways,hills	Yes	2,3
GfB: Glenford silt loam, 3 to 8 percent slopes	Glenford	75-95	Terraces	No	—
	Fitchville	0-20	Terraces	No	—
	Sebring	0-10	Terraces	Yes	2,3
GfC: Glenford silt loam, 8 to 15 percent slopes	Glenford	75-95	Terraces	No	—
	Mentor	0-20	Terraces	No	—
	Fitchville	0-10	Terraces	No	—
GgB: Guernsey silt loam, 3 to 8 percent slopes	Guernsey	85	Hills	No	—
	Berks	4	Hills	—	—
	Westmoreland	4	Hills	—	—
	Coshocton	4	Hills	—	—
	somewhat poorly drained soils	3	—	—	—

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GgC: Guernsey silt loam, 8 to 15 percent slopes	Guernsey	85	Hills	No	—
	Coshocton	4	Hills	—	—
	Westmoreland	4	Hills	—	—
	Berks	4	Hills	—	—
	seepy areas	3	—	—	—
GgD: Guernsey silt loam, 15 to 25 percent slopes	Guernsey	85	Hills	No	—
	Upshur	5	Hills	—	—
	Westmoreland	5	Hills	—	—
	Berks	5	Hills	—	—
GgD2: Guernsey silt loam, 15 to 25 percent slopes, eroded	Guernsey	80	Hills	No	—
	severely eroded areas	8	—	—	—
	Claysville	7	Hills	—	—
	Westmoreland	5	Hills	—	—
	well drained soils		—	—	—
	silty clay loam surface layer		—	—	—
GrC2: Guernsey silty clay loam, 8 to 15 percent slopes, eroded	Guernsey	85	Hills	No	—
	Coshocton	5	Hills	—	—
	Westmoreland	5	Hills	—	—
	Berks	5	Hills	—	—
GrD2: Guernsey silty clay loam, 15 to 25 percent slopes, eroded	Guernsey	85	Hills	No	—
	Upshur	5	Hills	—	—
	Berks	5	Hills	—	—
	Gilpin	5	Hills	—	—
	silt loam surface layer		—	—	—
HaE: Hazleton channery sandy loam, 25 to 40 percent slopes	Hazleton	85	Hills	No	—
	Westmoreland	8	Hills	—	—
	Rigley	7	Hills	—	—
	bedrock at 20 to 40 inches		—	—	—
HbF: Hazleton channery sandy loam, 25 to 70 percent slopes, very bouldery	Hazleton	85	Hills	No	—
	Rock outcrop	5	—	Unranked	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Clarksburg	5	Hills	—	—
	Coshocton	5	Hills	—	—
	bedrock at 20 to 40 inches		—	—	—
	more stones in the surface layer		—	—	—
HeC: Hazleton channery loam, 8 to 15 percent slopes	Hazleton	85	Hills	No	—
	Westmoreland	10	Hills	—	—
	areas in the flood pools of dams	5	—	—	—
HeD: Hazleton channery loam, 15 to 25 percent slopes	Hazleton	85	Hills	No	—
	Guernsey	10	Hills	—	—
	areas in the flood pools of dams	5	—	—	—
HeE: Hazleton channery loam, 25 to 40 percent slopes	Hazleton	85	Hills	No	—
	Guernsey	10	Hills	—	—
	areas in the flood pools of dams	5	—	—	—
HeF: Hazleton channery loam, 40 to 60 percent slopes	Hazleton	85	Hills	No	—
	Westmoreland	15	Hills	—	—
HfF: Hazleton channery loam, 25 to 70 percent slopes, stony	Hazleton	85	Hills	No	—
	sandstone escarpments	15	—	—	—
	bedrock at 20 to 40 inches		—	—	—
HgF: Hazleton extremely bouldery loam, 25 to 60 percent slopes	Hazleton	85	Hills	No	—
	Westmoreland	15	Hills	—	—
HkF: Hazleton loam, 25 to 70 percent slopes, very bouldery	Hazleton	85	Hills	No	—
	Westmoreland	10	Hills	—	—
	wetter areas	3	—	—	—
	rock outcrop	2	—	Unranked	—
Ho: Holton silt loam, occasionally flooded	Holton	90	Flood plains	No	—
	poorly drained soils	5	Abandoned channels, closed depressions	Yes	2,3

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Kanawha	3	Terraces	—	—
	Chagrin	2	Flood plains	—	—
JbA: Jimtown loam, 0 to 2 percent slopes	Jimtown	90	Terraces	No	—
	Sebring	5	Depressions	Yes	2
	moderately well drained soils	5	—	—	—
	less sand in the surface layer and subsoil		—	—	—
	more clay in the subsoil		—	—	—
	dark surface layer		—	—	—
KcB: Keene silt loam, 1 to 8 percent slopes	Keene	85	Hills	No	—
	Aaron	15	Hills	—	—
KdB: Keene silt loam, 2 to 6 percent slopes	Keene	85	Hills	No	—
	Aaron	8	Hills	—	—
	Gilpin	7	Hills	—	—
	soils with a thicker layer of silt loam		—	—	—
KeB: Keene silt loam, 3 to 8 percent slopes	Keene	80-100	Ridges	No	—
	Gilpin	0-20	Ridges	No	—
KeC: Keene silt loam, 8 to 15 percent slopes	Keene	85	Hills	No	—
	Guernsey	7	Hills	—	—
	Westmoreland	6	Hills	—	—
	seepy areas	2	—	—	—
LcE2: Licking silt loam, 12 to 25 percent slopes, moderately eroded	Licking	100	Terraces	No	—
	Rainsboro		Terraces	—	—
Ln: Linwood mucky silt loam, ponded	Linwood	100	Depressions	Yes	1,3,4
	areas in the flood pools of dams		Depressions	Yes	1,3,4
LoB: Loudonville silt loam, 2 to 6 percent slopes	Loudonville	100	Hills	No	—
	nearly level areas		—	—	—
	Gilpin		Hills	—	—
	Muskingum		Hills	—	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
LoD: Loudonville silt loam, 12 to 18 percent slopes	Loudonville	100	Hills	No	—
	Muskingum		Hills	—	—
	Gilpin		Hills	—	—
LoD2: Loudonville silt loam, 12 to 18 percent slopes, moderately eroded	Loudonville	100	Hills	No	—
	severely eroded areas		—	—	—
	Muskingum		Hills	—	—
	Gilpin		Hills	—	—
LwD: Lowell-Westmoreland silt loams, 15 to 25 percent slopes	Lowell-Moderately wet	45-55	Hillslopes	No	—
	Westmoreland	25-35	Hillslopes	No	—
	Guernsey	5-15	Hillslopes	No	—
	Culleoka	5-15	Hillslopes	No	—
Mc: Melvin silt loam, frequently flooded	Melvin	100	Flood plains	Yes	2
	areas in the flood pools of dams		Flood plains	Yes	2
MeB: Mentor silt loam, 2 to 6 percent slopes	Mentor	100	Terraces	No	—
	Fitchville		Terraces, lake plains	—	—
MrB: Morristown loam, 0 to 8 percent slopes	Morristown	85	Hills	No	—
	sandier soils	5	—	—	—
	unreclaimed areas with channery silty clay loam surface	5	—	—	—
	Bethesda	5	Hills	—	—
MrC: Morristown loam, 8 to 15 percent slopes	Morristown	85	Hills	No	—
	Bethesda	5	Hills	—	—
	sandier soils	5	—	—	—
	unreclaimed areas with channery silty clay loam surface	5	—	—	—
MrD: Morristown loam, 15 to 25 percent slopes	Morristown	85	Hills	No	—
	Bethesda	10	Hills	—	—
	unreclaimed areas with channery silty clay loam surface	5	—	—	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MrF: Morristown loam, 25 to 70 percent slopes	Morristown	85	Hills	No	—
	Bethesda	10	Hills	—	—
	unreclaimed; channery silty clay loam or clay loam surface	5	—	—	—
No: Nolin silt loam, 0 to 3 percent slopes, occasionally flooded	Nolin-Occasionally flooded	80-95	Flood plains	No	—
	Melvin-Occasionally flooded	0-20	Backswamps	Yes	2
	Newark-Frequently flooded	0-20	Flood plains	No	—
	Grigsby-Frequently flooded	0-20	Flood plains	No	—
Or: Orrville silt loam, occasionally flooded	Orrville	85	Flood plains	No	—
	Melvin	10	Depressions	Yes	2,3
	Tioga	2	Flood plains	—	—
	Nolin	2	Flood plains	—	—
	frequently flooded areas in the flood pools of dams	1	—	—	—
Pt: Pits, gravel	Pits	100	—	Unranked	—
Pu: Pits, quarry	Pits	100	—	Unranked	—
PwB: Plainfield loamy sand, 3 to 8 percent slopes	Plainfield	100	Terraces	No	—
	areas in the flood pools of dams		—	—	—
PyB: Plainfield loamy sand, 0 to 6 percent slopes	Plainfield	100	Terraces	No	—
	Wheeling		Terraces	—	—
PyC: Plainfield loamy sand, 6 to 12 percent slopes	Plainfield	100	Terraces	No	—
	slopes of up to 18 percent		—	—	—
	Conotton		Terraces	—	—
ReB: Ravenna silt loam, 2 to 6 percent slopes	Ravenna	100	Till plains	No	—
	Canfield		Till plains, moraines	—	—
	dark colored surface layer 12 to 18 inches thick		—	—	—
	more clay in the upper part of the subsoil		—	—	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RgC: Rigley sandy loam, 8 to 15 percent slopes	Rigley	100	Hills	No	—
RgD: Rigley sandy loam, 15 to 25 percent slopes	Rigley	100	Hills	No	—
RgE: Rigley sandy loam, 25 to 40 percent slopes	Rigley	100	Hills	No	—
RiC: Rigley sandy loam, 6 to 15 percent slopes	Rigley	85	Hills	No	—
	moderately well drained soils	8	—	—	—
	shale in the substratum	7	—	—	—
	bedrock at 20 to 40 inches		—	—	—
	more clay in the subsoil		—	—	—
	eroded areas		—	—	—
RuA: Rush silt loam, 0 to 3 percent slopes	Rush	85	Terraces	No	—
	Chili	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
Se: Sebring silt loam	Sebring	85	Terraces	Yes	2,3
	Fitchville	5	Terraces,lake plains	No	—
	Canadice	5	Depressions	Yes	2,3
	Orrville	3	Flood plains	No	—
	areas in the flood pools of dams	2	Terraces	Yes	2,3
ShC3: Shinrock silty clay loam, 8 to 20 percent slopes, severely eroded	Shinrock	85	Terraces	No	—
	slopes of 20 to 35 percent	10	—	—	—
	areas in the flood pools of dams	5	—	—	—
SpA: Sparta loamy fine sand, 0 to 3 percent slopes	Sparta	100	Terraces	No	—
	areas in the flood pools of dams		—	—	—
To: Tioga loam, occasionally flooded	Tioga	85	Flood plains	No	—
	Orrville	10	Flood plains	—	—
	areas in the flood pools of dams	5	—	—	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
Tr: Tioga fine sandy loam, occasionally flooded	Tioga	90	Flood plains	No	—
	Orrville	5	Flood plains	—	—
	gravel in the substratum	5	—	—	—
	more gravel in the surface layer		—	—	—
	less sand in the surface layer		—	—	—
Ua: Udorthents, hilly	Udorthents-Hilly	95	—	Unranked	—
	bedrock escarpments	5	—	—	—
Uc: Udorthents-Pits complex	Udorthents	70	—	No	—
	Pits	20	—	Unranked	—
	moderately deep soils	5	—	—	—
	deep soils	5	—	—	—
UpC: Upshur silt loam, 8 to 15 percent slopes	Upshur	75-90	Hills	No	—
	Gilpin	10-25	Hills	No	—
UrC2: Upshur silty clay loam, 6 to 15 percent slopes, eroded	Upshur	85	Hills	No	—
	Lowell	4	Hills	—	—
	Berks	4	Hills	—	—
	Guernsey	4	Hills	—	—
	Aaron	3	Hills	—	—
	silty clay surface layer		—	—	—
W: Water	Water	100	—	Unranked	—
WbA: Weinbach silt loam, 0 to 3 percent slopes	Weinbach	80	Terraces	No	—
	Fitchville	4	Terraces,lake plains	—	—
	Wheeling	4	Terraces	—	—
	coarser textures in the lower part	4	—	—	—
	areas in the flood pools of dams	4	—	—	—
	Rush	4	Terraces	—	—
WeC: Westmoreland silt loam, 6 to 15 percent slopes	Westmoreland	85	Hills	No	—
	Berks	8	Hills	—	—
	less rock fragments and more silt in upper part of subsoil	7	—	—	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WhC: Westmoreland silt loam, 8 to 15 percent slopes	Westmoreland	75-90	Hills	No	—
	Berks	5-15	Hills	No	—
	Coshocton	5-15	Hills	No	—
WhC2: Westmoreland silt loam, 8 to 15 percent slopes, eroded	Westmoreland	90	Hills	No	—
	Coshocton	5	Hills	—	—
	Rigley	5	Hills	—	—
WhD: Westmoreland silt loam, 15 to 25 percent slopes	Westmoreland	75-90	Hills	No	—
	Berks	5-15	Hills	No	—
	Coshocton	5-15	Hills	No	—
WhE: Westmoreland silt loam, 25 to 35 percent slopes	Westmoreland	75-90	Hills	No	—
	Berks	5-15	Hills	No	—
	Coshocton	5-15	Hills	No	—
WhF: Westmoreland silt loam, 35 to 60 percent slopes	Westmoreland	75-90	Hills	No	—
	Coshocton	5-15	Hills	No	—
	Berks	5-15	Hills	No	—
WkC: Westmoreland-Coshocton silt loams, 8 to 15 percent slopes	Westmoreland	60	Hills	No	—
	Coshocton	25	Hills	No	—
	Culleoka	4	Hills	—	—
	Hazleton	4	Hills	—	—
	Berks	4	Hills	—	—
	Guernsey	3	Hills	—	—
WkD: Westmoreland-Coshocton silt loams, 15 to 25 percent slopes	Westmoreland	60	Hills	No	—
	Coshocton	25	Hills	No	—
	Berks	4	Hills	—	—
	Culleoka	4	Hills	—	—
	Guernsey	3	Hills	—	—
	Hazleton	3	Hills	—	—
	Flood pool areas	1	—	—	—
WIC2: Westmoreland-Coshocton complex, 8 to 15 percent slopes, eroded	Westmoreland	50	Hills	No	—
	Coshocton	40	Hills	No	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Rigley	5	Hills	—	—
	somewhat poorly drained soils	5	—	—	—
WnC: Westmoreland-Guernsey silt loams, 8 to 15 percent slopes	Westmoreland	60	Hills	No	—
	Guernsey	25	Hills	No	—
	Berks	10	Hills	—	—
	Hazleton	5	Hills	—	—
WnD: Westmoreland-Guernsey silt loams, 15 to 25 percent slopes	Westmoreland	60	Hills	No	—
	Guernsey	25	Hills	No	—
	Berks	10	Hills	—	—
	Hazleton	4	Hills	—	—
	areas in the flood pools of dams	1	—	—	—
WnE: Westmoreland-Guernsey silt loams, 25 to 40 percent slopes	Westmoreland	60	Hills	No	—
	Guernsey	25	Hills	No	—
	Berks	10	Hills	—	—
	Hazleton	4	Hills	—	—
	areas in the flood pools of dams	1	—	—	—
WrA: Wheeling loam, 0 to 3 percent slopes	Wheeling	85	Terraces	No	—
	Sparta	10	Terraces	—	—
	areas in the flood pools of dams	5	—	—	—
WsA: Wheeling-Urban land complex, nearly level	Wheeling	50	Terraces	No	—
	Urban land	30	—	Unranked	—
	Sparta	9	Terraces	—	—
	Chili	9	Terraces	—	—
	areas in the flood pools of dams	2	—	—	—
WtA: Wheeling silt loam, 0 to 2 percent slopes	Wheeling	90	Terraces	No	—
	Watertown	5	Terraces	—	—
	moderately well drained soils	5	—	—	—
	more sand in the subsoil		—	—	—
	more sand in the surface layer		—	—	—

Hydric Soil List - All Components--OH157-Tuscarawas County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WtB: Wheeling silt loam, 2 to 6 percent slopes	Wheeling	100	Terraces	No	—
	Chili		Terraces	—	—
WtC: Wheeling silt loam, 6 to 12 percent slopes	Wheeling	100	Terraces	No	—
	loam till at 40 inches or more		—	—	—
	Chili		Terraces	—	—
WuD2: Wooster silt loam, 12 to 18 percent slopes, eroded	Wooster		Moraines, till plains	—	—
	Wooster	90	Till plains, moraines	No	—
	Amanda	5	Ground moraines, end moraines	—	—
WxA: Wheeling loam, 0 to 2 percent slopes	Ravenna	5	Till plains	—	—
	Wheeling	100	Terraces	No	—
silt loam surface layer	Wheeling		—	—	—
	Chili		Terraces	—	—
	sandy loam surface layer		—	—	—
Plainfield			Terraces	—	—

Data Source Information

Soil Survey Area: Tuscarawas County, Ohio
 Survey Area Data: Version 13, Sep 15, 2014