

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—OH163-Vinton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AbC: Aaron silt loam, 6 to 15 percent slopes	Aaron	85	Hills	No	—
	Germano	8	Hills	—	—
	Gilpin	7	Hills	—	—
BgC: Berks-Tarhollow complex, 6 to 15 percent slopes	Berks	55	Hills	No	—
	Tarhollow	30	Hills	No	—
	Shelocta	15	Hills	—	—
	Berks-like soil with bedrock at more than 40 inches		—	—	—
	moderately well drained Berks-like soil		—	—	—
BhB: Bethesda silty clay loam, 0 to 8 percent slopes	Bethesda	90	Hills	No	—
	ultra acid soils	5	—	—	—
	undisturbed areas	5	—	—	—
	thicker surface layer		—	—	—
	less acid soils		—	—	—
BhC: Bethesda silty clay loam, 8 to 20 percent slopes	Bethesda	90	Hills	No	—
	undisturbed areas	5	—	—	—
	ultra acid soils	5	—	—	—
	thicker surface layer		—	—	—
	less acid soils		—	—	—
BhE: Bethesda silty clay loam, 20 to 40 percent slopes	Bethesda	90	Hills	No	—
	ultra acid soils	5	—	—	—
	undisturbed areas	5	—	—	—
	less clay in the subsoil		—	—	—
	less acid soils		—	—	—
BmC: Bethesda channery clay loam, 8 to 20 percent slopes	Bethesda	85	Hills	No	—
	Fairpoint	8	Hills	—	—
	undisturbed areas	7	—	—	—
	less sand in the surface layer		—	—	—

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	more sand in the substratum		—	—	—
BmE: Bethesda channery clay loam, 20 to 40 percent slopes	Bethesda	85	Hills	No	—
	Fairpoint	8	Hills	—	—
	undisturbed areas	7	—	—	—
	less sand in the surface layer		—	—	—
	more sand in the substratum		—	—	—
BmF: Bethesda channery clay loam, 40 to 70 percent slopes	Bethesda	85	Hills	No	—
	Fairpoint	8	Hills	—	—
	undisturbed areas	7	—	—	—
	more sand in the substratum		—	—	—
	less sand in the surface layer		—	—	—
Bne1AF: Bonnie silt loam, 0 to 2 percent slopes, frequently flooded	Bonnie	80-100	Flood plains	Yes	2,4
	Newark	0-15	Flood plains	No	—
	Bonnie-Ponded	0-10	Flood plains	Yes	2,3,4
Bne1AP: Bonnie silt loam, ponded, 0 to 2 percent slopes	Bonnie	80-100	Flood plains	Yes	2,3,4
	Riverwash	0-15	Flood plains	Unranked	—
	Bonnie-Briefly ponded	0-15	Flood plains	Yes	2,4
Cg: Chagrin silt loam, 0 to 3 percent slopes, frequently flooded	Chagrin	80-100	Flood plains	No	—
	Orrville	0-15	Flood plains	No	—
	Lobdell	0-15	Flood plains	No	—
	Melvin	0-15	Flood plains	Yes	2
ChA: Chavies silt loam, 0 to 2 percent slopes, rarely flooded	Chavies	85	Terraces	No	—
	Glenford	10	Terraces,lake plains	—	—
	slopes of up to 10 percent	5	—	—	—
	slopes of 2 to 6 percent		—	—	—
ChB: Chavies silt loam, 2 to 6 percent slopes, rarely flooded	Chavies	85	Terraces	No	—
	Licking	10	Terraces	—	—

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	somewhat poorly drained soils	5	—	—	—
	slopes of 6 to 12 percent		—	—	—
	moderately well drained soils		—	—	—
CmC: Chavies silt loam, 6 to 15 percent slopes	Chavies	85	Terraces	No	—
	Licking	8	Terraces	—	—
	Germano	7	Hills	—	—
	moderately well drained soils		—	—	—
	loam surface layer		—	—	—
Cp: Clifty silt loam, occasionally flooded	Clifty	85	Flood plains	No	—
	Pope	15	Flood plains	—	—
	moderately well drained soils		—	—	—
CrC: Clymer silt loam, 8 to 15 percent slopes	Clymer	85	Hills	No	—
	Wellston	10	Hills	—	—
	Zanesville	5	Hills	—	—
Cub1AO: Cuba silt loam, 0 to 3 percent slopes, occasionally flooded	Cuba	80-100	Flood plains	No	—
	Piopolis	0-10	Flood plains	Yes	2,4
	Stendal	0-15	Flood plains	No	—
CwD: Cruze silt loam, 12 to 20 percent slopes	Cruze	90	Hills	No	—
	Brownsville	5	Hills	—	—
	Shelocta	5	Hills	—	—
	bedrock at 20 to 40 inches		—	—	—
	well drained soils		—	—	—
	eroded areas		—	—	—
CwE: Cruze silt loam, 20 to 35 percent slopes	Cruze	90	Hills	No	—
	Shelocta	5	Hills	—	—
	Brownsville	5	Hills	—	—
	bedrock at 20 to 40 inches		—	—	—
	eroded areas		—	—	—
	well drained soils		—	—	—

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DkF: Dekalb-Shelocta-Rock outcrop complex, 40 to 70 percent slopes	Dekalb	50	Hills	No	—
	Shelocta	20	Hills	No	—
	Rock outcrop	15	—	Unranked	—
	Cedarfalls	8	Hills	—	—
	moderately well drained soils; shale bedrock at 20-40 inches	7	—	—	—
Dol1A1: Doles silt loam, 0 to 2 percent slopes	Doles	85-100	Terraces	No	—
	Omulga	0-15	Terraces	No	—
	Vincent	0-10	Terraces	No	—
	Tygart	0-10	Stream terraces	No	—
	Bonnie	0-15	Flood plains	Yes	2,4
DtD: Dekalb-Westmoreland complex, 15 to 25 percent slopes	Dekalb	55	Hills	No	—
	Westmoreland	35	Hills	No	—
	Guernsey	10	Hills	—	—
DtF: Dekalb-Westmoreland complex, 40 to 70 percent slopes	Dekalb	55	Hills	No	—
	Westmoreland	35	Hills	No	—
	Guernsey	5	Hills	—	—
	bedrock escarpment	5	—	—	—
Dy: Dumps, mine	Dumps, mine	90	—	Unranked	—
	Gilpin	4	Hills	—	—
	Philo	3	Flood plains	—	—
	Germano	3	Hills	—	—
ErC: Ernest silt loam, 6 to 15 percent slopes	Ernest	85	Hills	No	—
	Brownsville	8	Hills	—	—
	Shelocta	7	Hills	—	—
	less sand in the subsoil		—	—	—
ErD: Ernest silt loam, 15 to 25 percent slopes	Ernest	85	Hills	No	—
	Brownsville	8	Hills	—	—
	Shelocta	7	Hills	—	—
	less sand in the subsoil		—	—	—

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EsC: Ernest silt loam, 8 to 15 percent slopes	Ernest	80	Hills	No	—
	Wharton	10	Hills	—	—
	Richland	5	Hills	—	—
	Clymer	5	Hills	—	—
FaB: Fairpoint clay loam, 0 to 8 percent slopes	Fairpoint	85	Hills	No	—
	ultra acid	15	—	—	—
	less clay in the surface layer		—	—	—
	more acid soils		—	—	—
FaC: Fairpoint clay loam, 8 to 20 percent slopes	Fairpoint	85	Hills	No	—
	ultra acid	15	—	—	—
	less clay in the surface layer		—	—	—
	more acid soils		—	—	—
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
GaC: Germano-Gilpin complex, 6 to 15 percent slopes	Germano	50	Hills	No	—
	Gilpin	40	Hills	No	—
	Guernsey	3	Hills	—	—
	Rarden	3	Hills	—	—
	Tarhollow	2	Hills	—	—
	Wellston	2	Hills	—	—
	moderately well drained soils		—	—	—
GaD: Germano-Gilpin complex, 15 to 25 percent slopes	Germano	40	Hills	No	—
	Gilpin	35	Hills	No	—
	Guernsey	10	Hills	—	—
	Latham	5	Hills	—	—
	Wellston	5	Hills	—	—
	Wharton	5	Hills	—	—

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	Germano-like soils with less clay in the subsoil		—	—	—
	moderately well drained Gilpin-like soils		—	—	—
GaE: Germano-Gilpin complex, 25 to 40 percent slopes	Germano	65	Hills	No	—
	Gilpin	15	Hills	No	—
	Rarden	10	Hills	—	—
	Tarhollow	5	Hills	—	—
	rock outcrop	5	—	Unranked	—
	moderately well drained Gilpin-like soils		—	—	—
	Germano-like soil with less clay in the subsoil		—	—	—
GcC: Gilpin-Aaron complex, 6 to 15 percent slopes	Gilpin	50	Hills	No	—
	Aaron	25	Hills	No	—
	Germano	10	Hills	—	—
	Wharton	5	Hills	—	—
	Tarhollow	5	Hills	—	—
	Zanesville	5	Hills	—	—
	Aaron-like soils with bedrock at 20 to 40 inches		—	—	—
	moderately well drained Gilpin-like soils		—	—	—
GdC2: 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	—
GgD: Gilpin-Guernsey complex, 15 to 25 percent slopes	Gilpin	50	Hills	No	—
	Guernsey	30	Hills	No	—
	Tarhollow	10	Hills	—	—
	Latham	10	Hills	—	—

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	Guernsey-like soils with bedrock at 20 to 40 inches		—	—	—
	Gilpin-like soils with more sand in the subsoil		—	—	—
GgE: Gilpin-Guernsey complex, 25 to 40 percent slopes	Gilpin	50	Hills	No	—
	Guernsey	35	Hills	No	—
	Wharton	8	Hills	—	—
	Latham	7	Hills	—	—
	moderately well drained Gilpin-like soils		—	—	—
GgF: Gilpin-Guernsey complex, 40 to 70 percent slopes	Gilpin	50	Hills	No	—
	Guernsey	35	Hills	No	—
	Steinsburg	15	Hills	—	—
	moderately well drained Gilpin-like soils		—	—	—
GIR1C1: Gilpin-Rarden silt loams, 6 to 15 percent slopes	Gilpin	50	Hills	No	—
	Rarden	35	Hills	No	—
	Latham	3	Hills	No	—
	Tarhollow	3	Hills	No	—
	Wharton	3	Hills	No	—
	Blairton	3	Hills	No	—
	Aaron	3	Hills	No	—
GIR1D1: Gilpin-Rarden silt loams, 15 to 25 percent slopes	Gilpin	50	Hills	No	—
	Rarden	30	Hills	No	—
	Steinsburg	5	Hills	No	—
	Guernsey	5	Hills	No	—
	Upshur	5	Hillslopes	No	—
	Weikert	5	Hills	No	—
GIR1E1: Gilpin-Rarden silt loams, 25 to 40 percent slopes	Gilpin	50	Hills	No	—
	Rarden	30	Hills	No	—
	Steinsburg	5	Hills	No	—
	Upshur	5	Hillslopes	No	—

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	Guernsey	5	Hills	No	—
	Weikert	5	Hills	No	—
GmC: Gilpin-Tarhollow complex, 6 to 15 percent slopes	Gilpin	45	Hills	No	—
	Tarhollow	30	Hills	No	—
	Guernsey	15	Hills	—	—
	Zanesville	10	Hills	—	—
	well drained Tarhollow-like soils		—	—	—
	Gilpin-like soils with more sand in the subsoil		—	—	—
GnA: Glenford silt loam, 0 to 3 percent slopes	Glenford	75-95	Terraces	No	—
	Fitchville	0-20	Terraces	No	—
	Sebring	0-10	Terraces	Yes	2,3
GnB: 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
LhW1D2: Latham-Wharton silt loams, 15 to 25 percent slopes, eroded	Latham	45	Hills	No	—
	Wharton	35	Hills	No	—
	Tilsit	5	Hills	No	—
	Clifty	5	Flood plains	No	—
	Brownsville	5	Hills	No	—
	Weikert	5	Hills	No	—
Lic1B1: Licking silt loam, 2 to 6 percent slopes	Licking	80-90	Stream terraces	No	—
	Licking	0-15	Stream terraces	No	—
	Vandalia	0-10	Hills	No	—
	Glenford	0-15	Terraces	No	—
Lic1C2: Licking silt loam, 6 to 12 percent slopes, eroded	Licking	80-95	Stream terraces	No	—
	Glenford	0-20	Terraces	No	—
	Licking	0-20	Stream terraces	No	—
	Vandalia	0-15	Hillslopes	No	—
Lic1D2: Licking silt loam, 12 to 18 percent slopes, eroded	Licking	75-100	Stream terraces	No	—
	unnamed	0-25	Stream terraces	No	—

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	Licking-Severely eroded	0-15	Stream terraces	No	—
	Gilpin	0-10	Hills	No	—
McA: McGary silty clay loam, 0 to 2 percent slopes	McGary	85	Terraces	No	—
	poorly drained soils	5	Drainageways,depressions	Yes	2
	Glenford	5	Terraces,lake plains	—	—
	Licking	5	Terraces	—	—
	dense layer in the subsoil		—	—	—
	less clay in the subsoil		—	—	—
New1AF: Newark silt loam, 0 to 3 percent slopes, frequently flooded	Newark	85-100	Flood plains	No	—
	Melvin	0-15	Flood plains	Yes	2,3,4
	Lindside	0-15	Flood plains	No	—
Omu1A1: Omu silty loam, 0 to 2 percent slopes	Omulga	80-100	Terraces	No	—
	Doles	0-15	Terraces	No	—
	Wyatt	0-10	Terraces	No	—
	Peoga	0-10	Depressions on outwash terraces,flats on outwash terraces	Yes	2
	Wharton	0-10	Hills	No	—
Omu1B1: Omu silty loam, 2 to 6 percent slopes	Omulga	75-100	Terraces	No	—
	Wyatt	0-10	Terraces	No	—
	Gallia	0-15	Terraces	No	—
	Doles	0-15	Terraces	No	—
	Vincent	0-15	Terraces	No	—
	Westmoreland	0-15	Hills	No	—
	Wharton	0-10	Hills	No	—
	Allegheny	0-10	Stream terraces	No	—
Omu1C1: Omu silty loam, 6 to 12 percent slopes	Omulga	75-100	Terraces	No	—
	Wyatt	0-15	Terraces	No	—
	Gallia	0-15	Terraces	No	—
	Allegheny	0-15	Stream terraces	No	—
	Wharton	0-15	Hills	No	—
	Westmoreland	0-15	Hills	No	—

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	Vincent	0-10	Terraces	No	—
OnC2: Omulga silt loam, 6 to 12 percent slopes, eroded	Omulga	90	Proglacial lakes (relict)	No	—
	Wyatt	5	Terraces	No	—
	Tyler	5	Terraces	No	—
Or: Orrville silt loam, frequently flooded	Orrville	85	Flood plains	No	—
	Pope	5	Flood plains	—	—
	Bonnie	5	Oxbows, closed depressions	Yes	2
	Philo	5	Flood plains	—	—
	less sand in the subsoil		—	—	—
Ph: Philo silt loam, frequently flooded	Philo	85	Flood plains	No	—
	Bonnie	8	Closed depressions, oxbows	Yes	2
	Orrville	7	Flood plains	—	—
	more clay in the subsoil		—	—	—
	well drained soils		—	—	—
Phi1AF: Philo silt loam, 0 to 3 percent slopes, frequently flooded	Philo	80-90	Flood plains	No	—
	Orrville	0-20	Flood plains	No	—
	Pope	0-10	Flood plains	No	—
	Bonnie	0-10	Flood plains	Yes	2,4
Pio1AF: Piopolis silt loam, 0 to 2 percent slopes, frequently flooded	Piopolis	70-95	Flood plains	Yes	2,4
	Piopolis-Ponded for long duration	0-20	Flood plains	Yes	2,3,4
	Stendal	0-10	Flood plains	No	—
	Orrville	0-10	Flood plains	No	—
Pm: Piopolis silt loam, frequently flooded	Piopolis	85	Flood plains	Yes	2,3,4
	Doles	8	Terraces	No	—
	Orrville	7	Flood plains	No	—
	more clay in the surface layer		Flood plains	Yes	2,3,4
	less clay in the substratum		Flood plains	Yes	2,3,4

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Pn: Pope loam, occasionally flooded	Pope	85	Flood plains	No	—	
	Clifty	8	Flood plains	—	—	
	Orrville	7	Flood plains	—	—	
	less acid in the subsoil and substratum		—	—	—	
	more sand in the surface layer		—	—	—	
	moderately well drained soils		—	—	—	
Po: Pope loam, frequently flooded	Pope	85	Flood plains	No	—	
	poorly drained soils	5	Oxbows,closed depressions	Yes	2	
	Clifty	5	Flood plains	—	—	
	Orrville	5	Flood plains	—	—	
	moderately well drained soils		—	—	—	
	more sand in the surfaca layer		—	—	—	
Pop1AF: Pope silt loam, 0 to 3 percent slopes, frequently flooded	Pope	70-95	Flood plains	No	—	
	Stokly	0-15	Flood plains	No	—	
	Stendal	0-10	Flood plains	No	—	
	Bonnie	0-5	Flood plains	Yes	2,4	
	Philo	0-15	Flood plains	No	—	
	Orrville	0-10	Flood plains	No	—	
Pop6AF: Pope fine sandy loam, 0 to 3 percent slopes, frequently flooded	Pope	80-95	Flood plains	No	—	
	Philo	0-15	Flood plains	No	—	
	Orrville	0-10	Flood plains	No	—	
	PpS1AF: Pope-Stokly silt loams, 0 to 3 percent, frequently flooded	Pope	30-60	Flood plains	No	—
		Stokly	20-50	Flood plains	No	—
		Bonnie	0-15	Flood plains	Yes	2,4
Pope-Occasionally flooded	Pope-Occasionally flooded	0-10	Flood plains	No	—	
	Stokly-Occasionally flooded	0-10	Flood plains	No	—	
Rar1C2: Rarden silt loam, 8 to 15 percent slopes, eroded	Rarden	85	Hills	No	—	
	Tilsit	5	Hills	No	—	

Hydric Soil List - All Components--OH163-Vinton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Clymer	5	Hills	No	—
	Wellston	3	Hills	No	—
	Wharton	2	Hills	No	—
RcD: Richland loam, 15 to 25 percent slopes	Richland	85	Hills	No	—
	Germano	5	Hills	—	—
	Steinsburg	5	Hills	—	—
	Chagrin	5	Flood plains	—	—
	moderately well drained soils		—	—	—
RcE: Richland loam, 25 to 40 percent slopes	Richland	85	Hills	No	—
	Steinsburg	5	Hills	—	—
	Chagrin	5	Flood plains	—	—
	Germano	5	Hills	—	—
	moderately well drained soils		—	—	—
RrW1C2: Rarden-Wharton silt loams, 8 to 15 percent slopes, eroded	Rarden	45	Hills	No	—
	Wharton	40	Hills	No	—
	Clymer	10	Hills	No	—
	Rigley	5	Hills	No	—
RrW1D2: Rarden-Wharton silt loams, 15 to 25 percent slopes, eroded	Wharton	45	Hills	No	—
	Rarden	45	Hills	No	—
	Rigley	5	Hills	No	—
	Clymer	5	Hills	No	—
SaC: Shelocta silt loam, 8 to 15 percent slopes	Shelocta	80	Hills	No	—
	Cruze	7	Hills	—	—
	Zanesville	7	Hills	—	—
	slopes of about 25 percent	6	—	—	—
SaD: Shelocta silt loam, 15 to 25 percent slopes	Shelocta	85	Hills	No	—
	Dekalb	5	Hills	—	—
	Berks	5	Hills	—	—
	Cruze	5	Hills	—	—

Hydric Soil List - All Components--OH163-Vinton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
SbE: Sewell channery fine sandy loam, 20 to 40 percent slopes	Sewell	85	Hills	No	—
	Germano	10	Hills	—	—
	Gilpin	5	Hills	—	—
	more clay in the substratum		—	—	—
ScD: Shelocta-Cruze silt loams, 15 to 25 percent slopes	Shelocta	45	Hills	No	—
	Cruze	35	Hills	No	—
	Wellston	5	Hills	—	—
	Lily	5	Hills	—	—
	slopes of about 35 percent	5	—	—	—
	Westmore	5	Hills	—	—
ScE: Shelocta-Cruze silt loams, 25 to 40 percent slopes	Shelocta	55	Hills	No	—
	Cruze	30	Hills	No	—
	slopes of about 50 percent	5	—	—	—
	Bethesda	5	Hills	—	—
	Berks	5	Hills	—	—
SdF: Shelocta-Brownsville association, very steep	Shelocta	50	Hills	No	—
	Brownsville	30	Hills	No	—
	Berks	10	Hills	—	—
	Gilpin	10	Hills	—	—
	less sloping areas		—	—	—
	Shelocta-like soils with a dense layer in the subsoil		—	—	—
SfE: Shelocta-Berks complex, 25 to 40 percent slopes	Shelocta	60	Hills	No	—
	Berks	20	Hills	No	—
	slopes of about 50 percent	7	—	—	—
	Cruze	7	Hills	—	—
	Lily	6	Hills	—	—
	ShLZE1: Shelocta-Latham association, steep	Shelocta	50	Hills	No
Latham	25	Hills	No	—	

Hydric Soil List - All Components--OH163-Vinton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Blairton	5	Hills	No	—
	Clifty	4	Flood plains	No	—
	Gilpin	4	Hills	No	—
	Brownsville	4	Hills	No	—
	Coolville	4	Hillslopes	No	—
	Weikert	4	Hills	No	—
ShRZE1: Shelocta-Rarden association, steep	Shelocta	50	Hills	No	—
	Rarden	25	Hills	No	—
	Brownsville	7	Hills	No	—
	Rigley	6	Hills	No	—
	Gilpin	6	Hills	No	—
	Wellston	6	Hills	No	—
Sk: Skidmore gravelly loam, frequently flooded	Skidmore	85	Flood plains	No	—
	Orrville	8	Flood plains	—	—
	Pope	7	Flood plains	—	—
	more sand in the surface layer		—	—	—
SkP1AF: Stokly-Philo silt loams, 0 to 3 percent slopes, frequently flooded	Stokly	40-70	Flood plains	No	—
	Philo	10-50	Flood plains	No	—
	Pope	0-15	Flood plains	No	—
	Bonnie	0-15	Flood plains	Yes	2,4
SsE: Steinsburg sandy loam, 25 to 40 percent slopes	Steinsburg	85	Hills	No	—
	Clymer	4	Hills	—	—
	Westmoreland	4	Hills	—	—
	Richland	4	Hills	—	—
	bedrock outcrop	3	—	—	—
StE: Steinsburg-Gilpin association, steep	Steinsburg	55	Hills	No	—
	Gilpin	15	Hills	No	—
	Latham	10	Hills	—	—
	Rarden	10	Hills	—	—
	rock outcrop	10	—	Unranked	—
	Steinsburg-like soils with more clay in the subsurface layer		—	—	—

Hydric Soil List - All Components--OH163-Vinton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
StF: Steinsburg-Gilpin association, very steep	Steinsburg	55	Hills	No	—
	Gilpin	20	Hills	No	—
	Latham	10	Hills	—	—
	Rarden	5	Hills	—	—
	Wharton	5	Hills	—	—
	rock outcrop	5	—	Unranked	—
	Steinsburg-like soils with more clay in the subsurface layer		—	—	—
SvE: Steinsburg-Clymer association, steep	Steinsburg	60	Hills	No	—
	Clymer	20	Hills	No	—
	Guernsey	10	Hills	—	—
	Rarden	10	Hills	—	—
	Tarhollow	85	Hills	No	—
TaB: Tarhollow silt loam, 2 to 6 percent slopes	Germano	8	Hills	—	—
	Wharton	7	Hills	—	—
	more clay in the subsoil		—	—	—
	Tilsit	85	Hills	No	—
TeB: Tilsit silt loam, 3 to 8 percent slopes	Germano	8	Hills	—	—
	Wharton	7	Hills	—	—
	seasonal high water table at 2 to 3 feet		—	—	—
	Tioga	85	Flood plains	No	—
Tg: Tioga fine sandy loam, frequently flooded	Chagrin	8	Flood plains	—	—
	Orrville	7	Flood plains	—	—
	more acid in the subsoil		—	—	—
	Ud: Udorthents	Udorthents	100	—	Unranked
W: Water	Water	100	—	Unranked	—
WbC: Wellston silt loam, 8 to 15 percent slopes	Wellston	80-95	Ridges	No	—
	Gilpin	0-15	Ridges	No	—
	Guernsey	0-15	Ridges	No	—
	Zanesville	0-15	Ridges	No	—

Hydric Soil List - All Components--OH163-Vinton County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WdC: Wellston silt loam, 8 to 15 percent slopes	Wellston	85	Hills	No	—
	Guernsey	10	Hills	—	—
	Zanesville	5	Hills	—	—
WeB: Westmore silt loam, 3 to 8 percent slopes	Westmore	100	Hills	No	—
WhL1C1: Wharton-Latham silt loams, 6 to 15 percent slopes	Wharton	30	Hills	No	—
	Latham	25	Hills	No	—
	Germano	15	Hills	No	—
	Zanesville	8	Hills	No	—
	Tarhollow	8	Hills	No	—
	Gilpin	8	Hills	No	—
	unnamed	6	Hills	No	—
WhL1D1: Wharton-Latham silt loams, 15 to 25 percent slopes	Wharton	55	Hills	No	—
	Latham	25	Hills	No	—
	Gilpin	4	Hills	No	—
	unnamed	4	Hills	No	—
	Germano	4	Hills	No	—
	Tarhollow	4	Hills	No	—
	Cruze	4	Hills	No	—
WhL1E1: Wharton-Latham silt loams, 25 to 40 percent slopes	Wharton	65	Hills	No	—
	Latham	25	Hills	No	—
	Germano	8	Hills	No	—
	unnamed	2	Hills	No	—
Wya1B1: Wyatt silt loam, 2 to 6 percent slopes	Wyatt	80-100	Terraces	No	—
	Omulga	0-15	Terraces	No	—
	Doles	0-7	Terraces	No	—
	Allegheny	0-5	Stream terraces	No	—
	Gallia	0-7	Terraces	No	—
Wya3C2: Wyatt silty clay loam, 6 to 12 percent slopes, eroded	Wyatt	80-100	Terraces	No	—
	Omulga	0-15	Terraces	No	—
	Allegheny	0-10	Stream terraces	No	—
	Vandalia	0-15	Hillslopes	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
Wya3D2: Wyatt silty clay loam, 12 to 18 percent slopes, eroded	Wyatt	80-100	Terraces	No	—
	Gilpin	0-15	Hills	No	—
	Rock Outcrop	0-10	—	Unranked	—
	Newark	0-8	Flood plains	No	—
	Vandalia	0-5	Hillslopes	No	—
ZnB: Zanesville silt loam, 2 to 6 percent slopes	Zanesville	85	Hills	No	—
	Aaron	5	Hills	—	—
	Gilpin	5	Hills	—	—
	Tarhollow	5	Hills	—	—
	soils with no dense layer in the subsoil		—	—	—
ZoB: Zanesville silt loam, 3 to 8 percent slopes	Zanesville	100	Hills	No	—

Data Source Information

Soil Survey Area: Vinton County, Ohio
 Survey Area Data: Version 13, Sep 19, 2014