

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—OH121-Noble County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
AaC2: Aaron silt loam, 6 to 12 percent slopes, eroded	Aaron	85	Hills	No	—
	Westgate	8	Hills	—	—
	Gilpin	7	Hills	—	—
	severely eroded soils		—	—	—
AID: Allegheny silt loam, 12 to 18 percent slopes	Allegheny	100	Hills	No	—
	Vincent		Terraces	—	—
	Licking		Terraces	—	—
BaB: Barkcamp channery sandy loam, 0 to 8 percent slopes, very stony	Barkcamp	90	Hills	No	—
	poorly drained soils	5	—	Yes	2,3
	Bethesda	5	Hills	—	—
BaF: Barkcamp channery sandy loam, 25 to 70 percent slopes, very stony	Barkcamp	90	Hills	No	—
	Bethesda	5	Hills	—	—
	poorly drained soils	5	Drainageways,hills	Yes	2,3
BcC: Berks channery silt loam, 8 to 15 percent slopes	Berks	75-90	Ridges	No	—
	Weikert	0-15	Ridges	No	—
	Coshocton	0-10	Ridges	No	—
BcD: Berks channery silt loam, 15 to 25 percent slopes	Berks	80-90	Hillslopes	No	—
	Weikert	0-15	Hillslopes	No	—
	Guernsey	0-10	Hillslopes	No	—
BcE: 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		—	—	—
BcF: Berks channery silt loam, 40 to 70 percent slopes	Berks	80	Hills	No	—
	bedrock at 10 to 20 inches	10	—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	severely eroded areas	10	—	—	—
	bedrock at 40 to 60 inches		—	—	—
BkC: Berks shaly silt loam, 8 to 15 percent slopes	Berks	90	Hills	No	—
	Guernsey	5	Hills	—	—
	more than 40 inches to bedrock; fewer rocks in subsoil	5	—	—	—
BkD: Berks shaly silt loam, 15 to 25 percent slopes	Berks	90	Hills	No	—
	Upshur	5	Hills	—	—
	Guernsey	5	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	—
BmB: Bethesda channery loam, 0 to 8 percent slopes	Bethesda	90	Hills	No	—
	Barkcamp	5	Hills	—	—
	poorly drained soils	5	Hills,closed depressions	Yes	2,3
	less acid soils		—	—	—
BmF: Bethesda channery loam, 25 to 70 percent slopes	Bethesda	90	Hills	No	—
	Barkcamp	5	Hills	—	—
	poorly drained soils	5	Hills,closed depressions	Yes	2,3
	less acid soils		—	—	—
BnD: Bethesda silty clay loam, 15 to 25 percent slopes	Bethesda	90	Hills	No	—
	steeper areas	5	—	—	—
	soils with large amount of sulfates	5	—	—	—
BoB: Bethesda very shaly silty clay loam, 0 to 8 percent slopes	Bethesda	90	Hills	No	—
	poorly drained soils	10	—	Yes	2,3
	barren areas		—	—	—

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BoF: Bethesda very shaly silty clay loam, 25 to 70 percent slopes	Bethesda	85	Hills	No	—
	poorly drained soils	10	Drainageways,hills	Yes	2,3
	gently sloping areas	2	—	—	—
	high walls	1	—	—	—
	barren areas with large amount of sulfates	1	—	—	—
BpD: Bethesda clay loam, 8 to 25 percent slopes	strongly sloping areas	1	—	—	—
	Bethesda	90	Hills	No	—
	severely eroded areas	10	—	—	—
BrC: Brookside silt loam, 8 to 15 percent slopes	thicker surface layer		—	—	—
	Brookside	70-85	Hillslopes	No	—
	Richland	5-15	Hillslopes	No	—
BrD: Brookside silt loam, 15 to 25 percent slopes	Dormont	5-15	Hillslopes	No	—
	Brookside	70-95	Hillslopes	No	—
	Richland	2-15	Hillslopes	No	—
BrE: Brookside silt loam, 25 to 40 percent slopes	Dormont	5-15	Hillslopes	No	—
	Brookside	85	Hills	No	—
BsC2: Brookside silt loam, 8 to 15 percent slopes, eroded	Richland	15	Hills	—	—
	Brookside	85	Hills	No	—
	poorly drained soils	10	Hills	Yes	2
BsD2: Brookside silt loam, 15 to 25 percent slopes, eroded	Gilpin	5	Hills	—	—
	Brookside	85	Hills	No	—
	poorly drained soils	10	Hills,drainageways	Yes	2
BtC: Brookside-Vandalia complex, 8 to 15 percent slopes	areas subject to flooding	5	—	—	—
	Brookside	45	Hills	No	—
	Vandalia	35	Hills	No	—
	poorly drained soils	10	Hills,closed depressions	Yes	2
	Claysville	5	Hills	—	—
bedrock at 40 to 60 inches	Richland	5	Hills	—	—
			—	—	—

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BtD: Brookside-Vandalia complex, 15 to 25 percent slopes	Brookside	50	Hills	No	—
	Vandalia	30	Hills	No	—
	poorly drained soils	8	Hills,closed depressions	Yes	2
	Claysville	7	Hills	—	—
	Richland	5	Hills	—	—
	bedrock at 40 to 60 inches		—	—	—
	BtD2: Brookside-Vandalia complex, 15 to 25 percent slopes, eroded	Brookside	45	Hills	No
Vandalia		40	Hills	No	—
poorly drained soils		10	Hills,drainageways	Yes	2
Gilpin		5	Hills	—	—
BtE: Brookside-Vandalia complex, 25 to 40 percent slopes	Brookside	50	Hills	No	—
	Vandalia	30	Hills	No	—
	Richland	8	Hills	—	—
	poorly drained soils	7	Closed depressions,hills	Yes	2
	Claysville	5	Hills	—	—
	bedrock at 20 to 60 inches		—	—	—
BtE2: Brookside-Vandalia complex, 25 to 35 percent slopes, eroded	Brookside	45	Hills	No	—
	Vandalia	35	Hills	No	—
	poorly drained soils	10	Hills	Yes	2
	Berks	5	Hills	—	—
	areas subject to flooding	5	—	—	—
Ch: Chagrin silt loam, 0 to 3 percent slopes, occasionally flooded	Chagrin	80-100	Flood plains	No	—
	Holly	0-15	Flood plains	Yes	2,4
	Lobdell	0-15	Flood plains	No	—
	Newark	0-15	Flood plains	No	—
Chg1AF: Chagrin silt loam, 0 to 3 percent slopes, frequently flooded	Chagrin	75-100	Flood plains	No	—
	Orrville	0-15	Flood plains	No	—
	Melvin	0-15	Depressions on flood plains	Yes	2,3,4

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
DhC: Dekalb loam, 8 to 15 percent slopes	Dekalb	80	Ridges, knolls, ridges	No	—
	Westmoreland	10	Hills	—	—
	Culleoka	10	Hills	—	—
DkE: Dekalb channery loam, 25 to 40 percent slopes	Dekalb	85	Hills	No	—
	Guernsey	15	Hills	—	—
DkF: Dekalb channery loam, 40 to 70 percent slopes	Dekalb	85	Hills	No	—
	Gilpin	15	Hills	—	—
EbD: Elba silty clay loam, 15 to 25 percent slopes	Elba	85	Hills	No	—
	severely eroded areas	15	—	—	—
	moderately well drained soils		—	—	—
	more acid in the subsoil		—	—	—
EbD2: Elba silty clay loam, 15 to 25 percent slopes, eroded	Elba	90	Hills	No	—
	bedrock at less than 2 feet	5	—	—	—
	Vandalia	5	Hills	—	—
EbE: Elba silty clay loam, 25 to 40 percent slopes	Elba	80	Hills	No	—
	Guernsey	10	Hills	—	—
	somewhat poorly drained soils	10	—	—	—
	more acid in the subsoil		—	—	—
EbE2: Elba silty clay loam, 25 to 40 percent slopes, eroded	Elba	90	Hills	No	—
	Vandalia	5	Hills	—	—
	bedrock at less than 2 feet	5	—	—	—
EbF2: Elba silty clay loam, 40 to 70 percent slopes, eroded	Elba	85	Hills	No	—
	bedrock at less than 2 feet	10	—	—	—
	Vandalia	5	Hills	—	—
EdD2: Elba-Guernsey silty clay loams, 15 to 25 percent slopes, eroded	Guernsey	40	Hills	No	—
	Elba	40	Hills	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Gilpin	10	Hills	—	—
	severely eroded areas with silty clay surface layer	5	—	—	—
	areas subject to flooding	5	—	—	—
EdE2: Elba-Guernsey silty clay loams, 25 to 35 percent slopes, eroded	Elba	50	Hills	No	—
	Guernsey	40	Hills	No	—
	Gilpin	5	Hills	—	—
	areas subject to flooding	2	—	—	—
	severely eroded areas with silty clay surface layer	2	—	—	—
	somewhat poorly drained soils	1	—	—	—
EnB: Enoch shaly silty clay loam, 0 to 8 percent slopes, very stony	Enoch	85	Hills	No	—
	poorly drained soils	10	—	Yes	2,3
	Bethesda	5	Hills	—	—
EnD: Enoch shaly silty clay loam, 15 to 25 percent slopes, very stony	Enoch	90	Hills	No	—
	poorly drained soils	5	Hills, drainageways	Yes	2,3
	Bethesda	5	Hills	—	—
EnF: Enoch shaly silty clay loam, 25 to 70 percent slopes, very stony	Enoch	85	Hills	No	—
	poorly drained soils	10	Hills, drainageways	Yes	2,3
	Bethesda	5	Hills	—	—
GdC: Gilpin silt loam, 8 to 15 percent slopes	Gilpin	70-100	Ridges	No	—
	Upshur	0-20	Ridges	No	—
	Berks	0-15	Ridges	No	—
	Coshocton	0-10	Ridges	No	—
GdD: Gilpin silt loam, 15 to 25 percent slopes	Gilpin	70-100	Hillslopes	No	—
	Berks	0-15	Hillslopes	No	—
	Coolville	0-10	Hillslopes	No	—
	Coshocton	0-15	Hillslopes	No	—

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GdE: Gilpin silt loam, 25 to 35 percent slopes	Gilpin	75-100	Hillslopes	No	—
	Berks	0-15	Hillslopes	No	—
	Lowell	0-10	Hillslopes	No	—
GdF: Gilpin silt loam, 35 to 70 percent slopes	Gilpin	65-85	Hillslopes	No	—
	Berks	0-20	Hillslopes	No	—
	Lowell	0-20	Hillslopes	No	—
	Coshocton	0-15	Hillslopes	No	—
GkD2: Gilpin-Upshur complex, 15 to 25 percent slopes	Gilpin	40-60	Hillslopes	No	—
	Upshur	25-45	Hillslopes	No	—
	Peabody	0-15	Hillslopes	No	—
	Wharton	0-15	Hillslopes	No	—
GkE2: Gilpin-Upshur complex, 25 to 35 percent slopes	Gilpin	40-70	Hillslopes	No	—
	Upshur	20-40	Hillslopes	No	—
	Peabody	5-20	Hillslopes	No	—
	Coolville	0-10	Hillslopes	No	—
GkF: Gilpin-Upshur complex, 35 to 70 percent slopes	Gilpin	45	Hills	No	—
	Upshur	35	Hills	No	—
	Elba	10	Hills	—	—
	Berks	10	Hills	—	—
	channery or very channery surface layer		—	—	—
GkF2: Gilpin-Upshur complex, 35 to 70 percent slopes	Gilpin	40-60	Hillslopes	No	—
	Upshur	20-40	Hillslopes	No	—
	Peabody	5-20	Hillslopes	No	—
	Dormont	0-20	Hillslopes	No	—
GmC2: Gilpin-Upshur complex, 6 to 12 percent slopes, moderately eroded	Gilpin	55	Hills	No	—
	Upshur	35	Hills	No	—
	Wellston	5	Hills	—	—
	Woodsfield	3	Hills	—	—
	Coolville	2	Hills	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
GuB: Guernsey silt loam, 1 to 6 percent slopes	Guernsey	85	Hills	No	—
	Gilpin	8	Hills	—	—
	Berks	5	Hills	—	—
	somewhat poorly drained soils	2	—	—	—
GuC: Guernsey silt loam, 6 to 15 percent slopes	Guernsey	85	Hills	No	—
	Gilpin	5	Hills	—	—
	Upshur	5	Hills	—	—
	seeps	3	—	—	—
	areas subject to flooding	2	—	—	—
GuD: Guernsey silt loam, 15 to 25 percent slopes	Guernsey	85	Hills	No	—
	Berks	10	Hills	—	—
	Upshur	5	Hills	—	—
GuD2: 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		—	—	—
GvC: Guernsey silt loam, 8 to 15 percent slopes	Guernsey	80	Hills	No	—
	Westmoreland	10	Hills	—	—
	Claysville	10	Hills	—	—
	well drained soils		—	—	—
GwD2: Guernsey-Upshur silty clay loams, 15 to 25 percent slopes, eroded	Guernsey	50	Hills	No	—
	Upshur	40	Hills	No	—
	Berks	10	Hills	—	—
GxD: Guernsey-Upshur complex, 15 to 25 percent slopes	Guernsey	50	Hills	No	—
	Upshur	35	Hills	No	—
	Westmoreland	5	Hills	—	—
	Claysville	5	Hills	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	severely eroded areas	5	—	—	—
	loamy surface layer and upper subsoil		—	—	—
He: Hartshorn silt loam	Hartshorn	100	Flood plains	No	—
	Woolper		Hills	—	—
	wet spots		—	—	—
	Hackers		Terraces	—	—
	bedrock within 40 inches		—	—	—
	gravelly surface layer		—	—	—
Hf: Hartshorn silt loam, occasionally flooded	Hartshorn	85	Flood plains	No	—
	Newark variant	5	Flood plains	—	—
	Gently sloping soils	5	—	—	—
	Moderately deep soils	5	—	—	—
KnL1AF: Kinnick-Lindsay silt loams, 0 to 3 percent slopes, frequently flooded	Kinnick	60-80	Flood plains	No	—
	Lindsay	10-30	Flood plains	No	—
	Melvin	0-15	Depressions on flood plains	Yes	2,3,4
	Newark	0-20	Flood plains	No	—
Lh: Lindsay silt loam	Lindsay	95	Flood plains	No	—
	poorly drained soils	5	Backswamps, abandoned channels	Yes	2,3
	Newark		Flood plains	—	—
	loam surface layer		—	—	—
	strongly acid soil		—	—	—
LoC: Lowell silt loam, 8 to 15 percent slopes	Lowell	80-90	Hills	No	—
	Culleoka	5-20	Hills	No	—
	Guernsey	5-20	Hillslopes	No	—
LoD: Lowell silt loam, 15 to 25 percent slopes	Lowell	80-90	Hills	No	—
	Culleoka	5-20	Hills	No	—
	Guernsey	5-20	Hillslopes	No	—
LoE: Lowell silt loam, 25 to 40 percent slopes	Lowell	85	Hills	No	—
	Brookside	10	Hills	—	—
	Somewhat poorly drained soils	5	—	—	—

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LpE2: Lowell silty clay loam, 25 to 40 percent slopes, eroded	Lowell	85	Hills	No	—
	Berks	10	Hills	—	—
	Gilpin	5	Hills	—	—
LrE2: Lowell-Gilpin complex, 25 to 40 percent slopes, eroded	Lowell	45	Hills	No	—
	Gilpin	35	Hills	No	—
	Westgate	10	Hills	—	—
	Claysville	10	Hills	—	—
LrF: Lowell-Gilpin complex, 40 to 70 percent slopes	Lowell	45	Hills	No	—
	Gilpin	30	Hills	No	—
	Berks	10	Hills	—	—
	rock outcrop	5	—	Unranked	—
	Claysville	5	Hills	—	—
	Westgate	5	Hills	—	—
LtE2: Lowell-Elba silty clay loams, 25 to 40 percent slopes, eroded	Lowell	50	Hills	No	—
	Elba	35	Hills	No	—
	Berks	10	Hills	—	—
	Vandalia	5	Hills	—	—
LtF2: Lowell-Elba silty clay loams, 40 to 70 percent slopes, eroded	Lowell	50	Hills	No	—
	Elba	35	Hills	No	—
	Berks	10	Hills	—	—
	Vandalia	5	Hills	—	—
LuE: Lowell-Gilpin silt loams, 25 to 35 percent slopes	Lowell	50	Hills	No	—
	Gilpin	35	Hills	No	—
	Woodsfield	15	Hills	—	—
LuF: Lowell-Gilpin silt loams, 35 to 70 percent slopes	Lowell	50	Hills	No	—
	Gilpin	35	Hills	No	—
	Woodsfield	15	Hills	—	—
LvD2: Lowell-Upshur silty clay loams, 15 to 25 percent slopes, eroded	Lowell	50	Hills	No	—
	Upshur	35	Hills	No	—
	Gilpin	15	Hills	—	—

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LvE: Lowell-Upshur complex, 25 to 40 percent slopes	Lowell	50	Hills	No	—
	Upshur	35	Hills	No	—
	Westmoreland	8	Hills	—	—
	severely eroded areas	7	—	—	—
	bedrock at more than 60 inches		—	—	—
LvE2: Lowell-Upshur silty clay loams, 25 to 40 percent slopes, eroded	Lowell	50	Hills	No	—
	Upshur	35	Hills	No	—
	Gilpin	15	Hills	—	—
LvF2: Lowell-Upshur silty clay loams, 40 to 70 percent slopes, eroded	Lowell	50	Hills	No	—
	Upshur	35	Hills	No	—
	Gilpin	10	Hills	—	—
LvE: Lowell-Westmoreland complex, 25 to 40 percent slopes	Lowell	50	Hills	No	—
	Westmoreland	30	Hills	No	—
	Gilpin	8	Hills	—	—
	Berks	7	Hills	—	—
	somewhat poorly drained soils	5	—	—	—
	moderately well drained soils		—	—	—
LxF: Lowell-Westmoreland silt loams, 35 to 70 percent slopes	Lowell	40-50	Hillslopes	No	—
	Westmoreland	25-35	Hillslopes	No	—
	Berks	10-20	Hillslopes	No	—
	Library	5-15	Hillslopes	No	—
LyC: Lowell-Westmoreland silt loams, 8 to 15 percent slopes	Lowell-Moderately wet	45-55	Ridges	No	—
	Westmoreland	30-40	Ridges	No	—
	Culleoka	5-15	Ridges	No	—
	Westmore	0-10	Ridges	No	—
LyD: 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	—

Hydric Soil List - All Components--OH121-Noble County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
LyE: Lowell-Westmoreland silt loams, 25 to 35 percent slopes	Lowell	40-50	Hillslopes	No	—
	Westmoreland	25-35	Hillslopes	No	—
	Library	10-20	Hillslopes	No	—
	Culleoka	5-15	Hillslopes	No	—
LyF: Lowell-Westmoreland silt loams, 40 to 70 percent slopes	Lowell	45	Hills	No	—
	Westmoreland	35	Hills	No	—
	Dekalb	10	Hills	—	—
	Brookside	10	Hills	—	—
MoB: Morristown silty clay loam, 0 to 8 percent slopes	Morristown	85	Hills	No	—
	unreclaimed areas with channery silty clay loam surface	15	—	—	—
MoC: Morristown silty clay loam, 8 to 15 percent slopes	Morristown	85	Hills	No	—
	unreclaimed areas with channery silty clay loam surface	15	—	—	—
MoD: Morristown silty clay loam, 15 to 25 percent slopes	Morristown	85	Hills	No	—
	unreclaimed areas with channery silty clay loam surface	15	—	—	—
MoF: Morristown channery clay loam, 40 to 70 percent slopes	Morristown	85	Hills	No	—
	poorly drained soils	10	Hills,closed depressions	Yes	2,3
	Bethesda	3	Hills	—	—
	bouldery or stony surface layer	2	—	—	—
MrB: Morristown channery silty clay loam, 0 to 8 percent slopes	Morristown	75	Hills	No	—
	Bethesda	10	Hills	—	—
	poorly drained soils	10	—	Yes	2,3
	very channery sandy loam or loamy sand throughout	5	—	—	—
MrD: Morristown channery silty clay loam, 8 to 25 percent slopes	Morristown	80	Hills	No	—
	Bethesda	15	Hills	—	—
	poorly drained soils	5	Hills,drainageways	Yes	2,3

Hydric Soil List - All Components--OH121-Noble County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MrF: Morrystown channery silty clay loam, 25 to 70 percent slopes	Morrystown	75	Hills	No	—
	Bethesda	15	Hills	—	—
	poorly drained soils	10	Hills, drainageways	Yes	2,3
Ne: Newark silt loam, occasionally flooded	Newark	85	Flood plains	No	—
	areas frequently flooded for long duration	10	Flood plains	Yes	4
	Nolin	5	Flood plains	—	—
New1AF: Newark silt loam, 0 to 3 percent slopes, frequently flooded	Newark	85-100	Flood plains	No	—
	Lindside	0-15	Flood plains	No	—
	Melvin	0-15	Flood plains	Yes	2,3,4
Ng: Newark silt loam, frequently flooded	Newark	90	Flood plains	No	—
	poorly drained, ponded soils	10	Abandoned channels	Yes	2,3
No: Nolin silt loam, 0 to 3 percent slopes, frequently flooded	Nolin	80-95	Flood plains	No	—
	Melvin	0-20	Backswamps	Yes	2
	Newark	0-20	Flood plains	No	—
Omu1B1: Omu silt 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	—
	Allegheny	0-10	Stream terraces	No	—
	Wharton	0-10	Hills	No	—
Omu1C1: Omu silt 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	—
	Westmoreland	0-15	Hills	No	—
	Wharton	0-15	Hills	No	—
	Vincent	0-10	Terraces	No	—

Hydric Soil List - All Components--OH121-Noble County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
OtC: Otwell silt loam, 6 to 12 percent slopes	Otwell	100	Terraces	No	—
RcD: Richland channery loam, 15 to 25 percent slopes	Richland	80	Hills	No	—
	somewhat poorly drained soils	20	—	—	—
	moderately well drained soils		—	—	—
Sa: Sarahsville silty clay, frequently flooded	Sarahsville	85	Terraces, flood plains	No	—
	areas flooded for long duration	10	Abandoned channels	Yes	4
	Newark	5	Flood plains	—	—
Sb: Sarahsville silty clay loam, frequently flooded	Sarahsville	90	Terraces, flood plains	No	—
	poorly drained soils	8	Closed depressions	Yes	2,3,4
	Nolin	2	Flood plains	—	—
	areas not subject to ponding		—	—	—
Ub: Udorthents	Udorthents	100	—	No	—
Uc: Udorthents-Pits complex	Udorthents	70	—	No	—
	Pits	20	—	No	—
	Berks	5	Hills	—	—
	Vandalia	5	Hills	—	—
UnC: Upshur silty clay loam, 8 to 15 percent slopes	Upshur	85	Hills	No	—
	Westmoreland	5	Hills	—	—
	Elba	5	Hills	—	—
	Guernsey	5	Hills	—	—
UnD: Upshur silty clay loam, 15 to 25 percent slopes	Upshur	70-85	Hills	No	—
	Gilpin	5-15	Hills	No	—
	Guernsey	5-15	Hills	No	—
UnD3: Upshur silty clay loam, 15 to 25 percent slopes, severely eroded	Upshur	85	Hills	No	—
	Gilpin	8	Hills	—	—
	somewhat poorly drained soils	7	—	—	—
	slightly eroded areas		—	—	—
UpB: Upshur silt loam, 3 to 8 percent slopes	Upshur	85	Hills	No	—
	Gilpin	15	Hills	—	—

Hydric Soil List - All Components--OH121-Noble County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
UpC: Upshur silt loam, 8 to 15 percent slopes	Upshur	75-90	Hills	No	—
	Gilpin	10-25	Hills	No	—
UrC3: Upshur silty clay, 8 to 15 percent slopes, severely eroded	Upshur	90	Hills	No	—
	Gilpin	10	Hills	—	—
UrD3: Upshur silty clay, 15 to 25 percent slopes, severely eroded	Upshur	85	Hills	No	—
	Berks	15	Hills	—	—
UrE3: Upshur silty clay, 25 to 40 percent slopes, severely eroded	Upshur	85	Hills	No	—
	Berks	15	Hills	—	—
UsB: Upshur silt loam, 2 to 6 percent slopes	Upshur	85	Hills	No	—
	Gilpin	15	Hills	—	—
	yellowish brown subsoil		—	—	—
	moderately well drained soils		—	—	—
VaD2: Vandalia silty clay loam, 15 to 25 percent slopes, eroded	Vandalia	85	Hills	No	—
	Guernsey	12	Hills	—	—
	areas subject to flooding	3	—	—	—
VaE2: Vandalia silty clay loam, 25 to 35 percent slopes	Vandalia	70-90	Hillslopes	No	—
	Upshur	5-10	Hillslopes	No	—
	Guernsey	0-12	Hillslopes	No	—
	Gilpin	2-10	Hillslopes	No	—
	Peabody	0-10	Hillslopes	No	—
VbC: Vandalia silty clay loam, 6 to 12 percent slopes	Vandalia	95	Hills	No	—
	Poorly drained soils	5	Hills	Yes	2
	Moshannon		Flood plains	—	—
	Hartshorn		Flood plains	—	—
VcC2: Vandalia-Guernsey silty clay loams, 8 to 15 percent slopes, eroded	Vandalia	50	Hills	No	—
	Guernsey	35	Hills	No	—
	Gilpin	12	Hills	—	—
	areas subject to flooding	3	—	—	—

Hydric Soil List - All Components--OH121-Noble County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
VcD2: Vandalia-Guernsey silty clay loams, 15 to 25 percent slopes, eroded	Vandalia	50	Hills	No	—
	Guernsey	35	Hills	No	—
	Gilpin	10	Hills	—	—
	areas subject to flooding	5	—	—	—
VcE2: Vandalia-Guernsey silty clay loams, 25 to 35 percent slopes, eroded	Vandalia	50	Hills	No	—
	Guernsey	35	Hills	No	—
	Gilpin	10	Hills	—	—
	less than 24 inches to limestone bedrock	5	—	—	—
W: Water	Water	100	—	Unranked	—
WhD2: Wellston silt loam, 12 to 18 percent slopes	Wellston	80-95	Ridges	No	—
	Gilpin	0-15	Ridges	No	—
	Dekalb	0-15	Ridges	No	—
WkB: Westmoreland silt loam, 3 to 8 percent slopes	Westmoreland	85	Hills	No	—
	Culleoka	8	Hills	—	—
	Dekalb	7	Hills	—	—
WkE: Westmoreland silt loam, 25 to 35 percent slopes	Westmoreland	75-90	Hills	No	—
	Berks	5-15	Hills	No	—
	Coshocton	5-15	Hills	No	—
WnC: Woodsfield silt loam, 8 to 15 percent slopes	Woodsfield	85	Hills	No	—
	Upshur	10	Hills	—	—
	Gilpin	5	Hills	—	—
	moderately well drained soils		—	—	—
WoB: Woodsfield silt loam, 1 to 6 percent slopes	Woodsfield	85	Hills	No	—
	Gilpin	15	Hills	—	—
WoC: Woodsfield silt loam, 6 to 15 percent slopes	Woodsfield	85	Hills	No	—
	Gilpin	15	Hills	—	—
WoD: Woodsfield silt loam, 15 to 25 percent slopes	Woodsfield	85	Hills	No	—
	Gilpin	15	Hills	—	—

Hydric Soil List - All Components--OH121-Noble County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WpB: Woodsfield silt loam, 2 to 6 percent slopes	Woodsfield	85	Hills	No	—
	Westgate	8	Hills	—	—
	Gilpin	7	Hills	—	—
	Upshur		Hills	—	—
WpC2: Woodsfield silt loam, 6 to 12 percent slopes, eroded	Woodsfield	85	Hills	No	—
	Westgate	8	Hills	—	—
	Gilpin	7	Hills	—	—
	severely eroded soils with a silty clay loam surface layer		—	—	—
ZaB: Zanesville silt loam, 1 to 6 percent slopes	Zanesville	85	Hills	No	—
	somewhat poorly drained soils	10	—	—	—
	soils underlain by slightly alkaline, soft bedrock	5	—	—	—
ZaC: Zanesville silt loam, 6 to 15 percent slopes	Zanesville	85	Hills	No	—
	Woodsfield	8	Hills	—	—
	soils underlain by slightly alkaline, soft bedrock	5	—	—	—
	areas subject to flooding	2	—	—	—
ZaC2: Zanesville silt loam, 6 to 15 percent slopes, eroded	Zanesville	75	Hills	No	—
	Wellston	5	Hills	—	—
	Westmoreland	4	Hills	—	—
	Gilpin	4	Hills	—	—
	Westgate	4	Hills	—	—
	Keene	4	Hills	—	—
ZnB: Zanesville silt loam, 2 to 6 percent slopes	Zanesville	85	Hills	No	—
	Gilpin	8	Hills	—	—
	Westgate	7	Hills	—	—

Data Source Information

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