

## 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—OH115-Morgan 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		—	—	—
AgC2: Aaron-Gilpin complex, 6 to 12 percent slopes, eroded	Aaron	45	Hills	No	—
	Gilpin	35	Hills	No	—
	Westgate	10	Hills	—	—
	moderately deep soils	10	—	—	—
BaF: Barkcamp channery sandy loam, 20 to 70 percent slopes	Barkcamp	85	Hills	No	—
	sandstone highwalls	5	—	—	—
	Bethesda	5	Hills	—	—
	poorly drained soils	5	Depressions, drainage ways	Yes	2,3
BdF: Berks channery silt loam, 35 to 70 percent slopes	Berks	80-90	Hillslopes	No	—
	Weikert	0-10	Hillslopes	No	—
	Guernsey	0-10	Hillslopes	No	—
BeF: Berks-Westmoreland complex, 35 to 70 percent slopes	Berks	50	Hills	No	—
	Westmoreland	30	Hills	No	—
	more clay in the subsoil	10	—	—	—
	bedrock at 10 to 20 inches	10	—	—	—
	more rock fragments in the surface layer		—	—	—
BfF: Berks-Westmoreland complex, 40 to 70 percent slopes	Berks	40	Hills	No	—
	Westmoreland	35	Hills	No	—
	less than 20 inches to bedrock	5	—	—	—
	Lobdell	5	Flood plains	—	—
	Coshocton	5	Hills	—	—
	Guernsey	5	Hills	—	—
	Brookside	5	Hills	—	—

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BkF: Bethesda channery loam, 20 to 70 percent slopes	Bethesda	85	Hills	No	—
	poorly drained soils	5	Depressions, drainage ways	Yes	2,3
	highwalls	5	—	—	—
	barren, ultra acid soils	5	—	—	—
BrD: Brookside silty clay loam, 12 to 20 percent slopes	Brookside	85	Hills	No	—
	Claysville	5	Hills	—	—
	Lowell	5	Hills	—	—
	poorly drained soils	5	Depressions	Yes	2
	more rock fragments in the upper part of the subsoil		—	—	—
BrE: Brookside silty clay loam, 20 to 35 percent slopes	Brookside	85	Hills	No	—
	Claysville	5	Hills	—	—
	Lowell	5	Hills	—	—
	poorly drained soils	5	Drainageways, depressions	Yes	2
BtE: Brookside silty clay loam, 15 to 40 percent slopes	Brookside	75	Hills	No	—
	Westgate	10	Hills	—	—
	Westmoreland	10	Hills	—	—
	stony and bouldery soils	5	—	—	—
CcB: Chavies loam, 2 to 6 percent slopes	Chavies	80	Terraces	No	—
	Cidermill	10	Terraces	—	—
	Watertown	5	Terraces	—	—
	Chagrin	5	Flood plains	—	—
CeB: Chavies loam, 0 to 6 percent slopes	Chavies	85	Terraces	No	—
	steeper areas	8	—	—	—
	more sand in the surface layer and subsoil	7	—	—	—
CgC: Claysville-Guernsey complex, 8 to 15 percent slopes	Claysville	45	Hills	Unranked	—
	Guernsey	40	Hills	No	—
	Upshur	5	Hills	—	—
	stony or bouldery areas	5	—	—	—

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	poorly drained soils	5	Drainageways,depressions	Yes	2
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
CoB: Conotton gravelly loam, 0 to 6 percent slopes	Conotton	85	Terraces	No	—
	very gravelly or cobbly surface layer	8	—	—	—
	less gravel in the subsoil	7	—	—	—
	more sand and less gravel in the surface layer		—	—	—
CoC2: Conotton gravelly loam, 6 to 12 percent slopes, eroded	Conotton	80	Terraces	No	—
	slopes of more than 12 percent	10	—	—	—
	very gravelly or cobbly surface layer	10	—	—	—
	more sand and less gravel in the surface layer		—	—	—
Ds: Dumps, mine	Dumps, mine	100	—	Unranked	—
	swampy areas and acid mine seeps		—	—	—
	reclaimed soils with added soil material		—	—	—
	Morristown		Hills	—	—
	Bethesda		Hills	—	—
EbE2: Elba silty clay loam, 20 to 35 percent slopes, eroded	Elba	85	Hills	No	—
	hard limestone bedrock at 20 to 40 inches	8	—	—	—
	Gilpin	7	Hills	—	—
	redder subsoil and substratum		—	—	—
EuA: Euclid silt loam, rarely flooded	Euclid	85	Terraces	No	—
	poorly drained soils	5	Drainageways on terraces,depressions on terraces	Yes	2,3

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	non-flooded areas	5	—	—	—
	more clay in the subsoil	5	—	—	—
GdC2: 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	—
GeE2: Gilpin-Upshur complex, 25 to 40 percent slopes, eroded	Gilpin	40	Hills	No	—
	Upshur	35	Hills	No	—
	moderately deep soils, more clayey than Gilpin	15	—	—	—
	Berks	10	Hills	—	—
GhD2: Gilpin-Upshur complex, 12 to 20 percent slopes, eroded	Gilpin	45	Hills	No	—
	Upshur	40	Hills	No	—
	Guernsey	8	Hills	—	—
	Westgate	7	Hills	—	—
	severely eroded soils		—	—	—
GhE2: Gilpin-Upshur complex, 20 to 35 percent slopes, eroded	Gilpin	45	Hills	No	—
	Upshur	40	Hills	No	—
	Guernsey	8	Hills	—	—
	sandstone bedrock escarpments	7	—	—	—
GhF: 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	—
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
GsD2: Guernsey-Upshur complex, 12 to 20 percent slopes, eroded	Guernsey	45	Hills	No	—
	Upshur	30	Hills	No	—
	Westgate	5	Hills	—	—
	poorly drained soils	5	Drainageways, depressions	Yes	2

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	Gilpin	5	Hills	—	—
	Claysville	5	Hills	—	—
	stony or bouldery areas	5	—	—	—
GtC2: Guernsey-Upshur silty clay loams, 6 to 15 percent slopes, eroded	Guernsey	50	Hills	No	—
	Upshur	30	Hills	No	—
	Westgate	8	Hills	—	—
	Claysville	8	Hills	—	—
	Zanesville	4	Hills	—	—
GtD2: Guernsey-Upshur silty clay loams, 15 to 25 percent slopes, eroded	Guernsey	45	Hills	No	—
	Upshur	30	Hills	No	—
	Westgate	10	Hills	—	—
	Claysville	10	Hills	—	—
	Berks	5	Hills	—	—
Hay1AO: Haymond silt loam, 0 to 3 percent slopes, occasionally flooded	Haymond	80-100	Flood-plain steps	No	—
	Haymond-Frequently flooded	0-10	Flood-plain steps	No	—
	Lindside	0-15	Flood plains	No	—
KnL1AF: Kinnick-Lindside silt loams, 0 to 3 percent slopes, frequently flooded	Kinnick	60-80	Flood plains	No	—
	Lindside	10-30	Flood plains	No	—
	Newark	0-20	Flood plains	No	—
	Melvin	0-15	Depressions on flood plains	Yes	2,3,4
Lck1BO: Licking silt loam, 1 to 4 percent slopes, occasionally flooded	Licking	80-90	Stream terraces	No	—
	Chagrin	0-20	Flood plains	No	—
	Glenford	0-15	Terraces	No	—
	Vandalia	0-10	Hills	No	—
Ld: Lobdell silt loam, channery substratum, occasionally flooded	Lobdell	85	Flood plains	No	—
	bedrock within 60 inches	5	—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	somewhat poorly drained seep areas	5	—	—	—
	Melvin	5	Backswamps on flood plains, abandoned channels on flood plains	Yes	2,3,4
	small alluvial fans		—	—	—
Le: Lobdell loam, channery substratum, occasionally flooded	Lobdell	80	Flood plains	No	—
	Newark	10	Flood plains	—	—
	Melvin	5	Depressions on flood plains, abandoned channels on flood plains	Yes	2
	moderately deep soils	5	—	—	—
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	—
	Licking	0-20	Stream terraces	No	—
	Glenford	0-20	Terraces	No	—
	Vandalia	0-15	Hillslopes	No	—
LoD2: Lowell silt loam, 15 to 25 percent slopes	Lowell	80-90	Hills	No	—
	Culleoka	5-20	Hills	No	—
	Guernsey	5-20	Hillslopes	No	—
LpD2: Lowell silt loam, 15 to 25 percent slopes, eroded	Lowell	80	Hills	No	—
	Berks	5	Hills	—	—
	Westgate	5	Hills	—	—
	Gilpin	5	Hills	—	—
	Westmoreland	5	Hills	—	—
LrE2: Lowell-Gilpin complex, 20 to 35 percent slopes, eroded	Lowell	60	Hills	No	—
	Gilpin	25	Hills	No	—
	Guernsey	8	Hills	—	—
	Berks	7	Hills	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
LrF: Lowell-Gilpin complex, 35 to 70 percent slopes	Lowell	45	Hills	No	—
	Gilpin	40	Hills	No	—
	Brookside	5	Hills	—	—
	limestone bedrock escarpments	5	—	—	—
LsE2: Lowell-Gilpin complex, 25 to 40 percent slopes, eroded	Lowell	45	Hills	No	—
	Gilpin	35	Hills	No	—
	Westgate	10	Hills	—	—
	Claysville	10	Hills	—	—
LsF: 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	—	—
MaD2: Markland silty clay loam, 12 to 25 percent slopes, eroded	Markland	85	Terraces	No	—
	Elba	8	Hills	—	—
	severely eroded soils with a silty clay surface layer	7	—	—	—
	silt loam surface layer		—	—	—
Md: Melvin silt loam, ponded	Melvin	85	Flood plains	Yes	2,3,4
	Newark	15	Flood plains	No	—
	1 to 3 feet of overwash, adjacent to Morristown soils		—	No	—
Mel1AF: Melvin silt loam, 0 to 2 percent slopes, frequently flooded	Melvin	80-100	Depressions on flood plains	Yes	2,3,4
	Newark	0-15	Flood plains	No	—
MnB: Morristown silty clay loam, 0 to 6 percent slopes	Morristown	100	Hills	No	—
	more clay in the surface layer		—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	2 to 3 feet of silty clay loam or clay loam		—	—	—
	more rock fragments in the surface layer		—	—	—
MnD: Morrystown silty clay loam, 6 to 20 percent slopes	Morrystown	100	Hills	No	—
	2 to 3 feet of silty clay loam or clay loam		—	—	—
	more rock fragments in the surface layer		—	—	—
	more clay in the surface layer		—	—	—
MnE: Morrystown silty clay loam, 20 to 35 percent slopes	Morrystown	100	Hills	No	—
	more clay in the surface layer		—	—	—
	2 to 3 feet of silty clay loam or clay loam		—	—	—
	more rock fragments in the surface layer		—	—	—
MoB: Morrystown silty clay loam, 1 to 8 percent slopes	Morrystown	80	Hills	No	—
	Unreclaimed areas	10	—	—	—
	deep reclamation	5	—	—	—
	poorly drained areas	5	—	—	—
MoD: Morrystown silty clay loam, 15 to 25 percent slopes	Morrystown	80	Hills	No	—
	Bethesda	5	Hills	—	—
	deep reclamation	5	—	—	—
	severely eroded areas	5	—	—	—
	channery surface layer	5	—	—	—
MpB: Morrystown channery clay loam, 0 to 6 percent slopes	Morrystown	90	Hills	No	—
	poorly drained soils	10	Depressions	Yes	2,3
	more rock fragments in the surface layer		—	—	—
MpD: Morrystown channery clay loam, 6 to 20 percent slopes	Morrystown	95	Hills	No	—
	poorly drained soils	5	Depressions, drainage ways	Yes	2,3
	more rock fragments in the surface layer		—	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MrF: Morrystown channery clay loam, 20 to 70 percent slopes, very stony	Morrystown	85	Hills	No	—
	highwalls	5	—	—	—
	less steep areas	5	—	—	—
	poorly drained soils	5	Drainageways,depressions	Yes	2,3
MtF: Morrystown channery silty clay loam, 25 to 70 percent slopes	Morrystown	75	Hills	No	—
	Bethesda	15	Hills	—	—
	poorly drained soils	10	Drainageways,hills	Yes	2,3
Ne: Newark silt loam, frequently flooded	Newark	85	Flood plains	No	—
	Lobdell	8	Flood plains	—	—
	Melvin	7	Depressions on flood plains,abandoned channels on flood plains,backswamps on flood plains	Yes	2,3,4
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	—
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	—
Np: Nolin silt loam, 0 to 3 percent slopes, frequently flooded	Nolin	80-95	Flood plains	No	—
	Newark	0-20	Flood plains	No	—
	Melvin	0-20	Backswamps	Yes	2
Omu1B1: Omulga 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	—

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	Allegheny	0-10	Stream terraces	No	—
	Wharton	0-10	Hills	No	—
Omu1C1: Omulga 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	—
Pg: Pits, gravel	Pits	75	—	Unranked	—
	small piles of topsoil and subsoil	7	—	—	—
	fan-shaped areas of sediment near highwalls	6	—	—	—
	highwalls	6	—	—	—
	reclaimed areas with silt loam or loam surface layer	6	—	—	—
	piles of fine sand and very fine sand		—	—	—
	piles of unsorted sand and gravel		—	—	—
RvE: Richland-Vandalia complex, 20 to 35 percent slopes	Richland	45	Hills	No	—
	Vandalia	40	Hills	No	—
	moderately well drained soils	15	—	—	—
	more rock fragments in the upper part of the subsoil		—	—	—
StF: Steinsburg loam, 25 to 70 percent slopes	Steinsburg	85	Hills	No	—
	Richland	8	Hills	—	—
	bedrock within 20 inches	7	—	—	—
Ud: Udorthents	Udorthents	90-95	—	Unranked	—
	Chavies	0-10	Terraces	—	—
	Elba	0-10	Hills	—	—

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UpC2: Upshur silty clay loam, 6 to 12 percent slopes, eroded	Upshur	80	Hills	No	—
	severely eroded soils with a silty clay surface layer	10	—	—	—
	Guernsey	10	Hills	—	—
	Woodsfield		Hills	—	—
UpD2: Upshur silty clay loam, 12 to 20 percent slopes, eroded	Upshur	80	Hills	No	—
	Gilpin	10	Hills	—	—
	Guernsey	10	Hills	—	—
VaE2: Vandalia silt loam, 20 to 35 percent slopes, eroded	Vandalia	80	Hills	No	—
	Guernsey	8	Hills	—	—
	large stones or boulders on the surface	7	—	—	—
	poorly drained soils	5	Drainageways,depressions	Yes	2
VbD2: Vandalia-Brookside complex, 12 to 20 percent slopes, eroded	Vandalia	50	Hills	No	—
	Brookside	40	Hills	No	—
	Gilpin	5	Hills	—	—
	poorly drained soils	5	Drainageways,depressions	Yes	2
	moderately well drained soils; more rocks, less clay		—	—	—
W: Water	Water	100	—	Unranked	—
WeB: Wellston silt loam, 3 to 8 percent slopes	Wellston	80-95	Ridges	No	—
	Zanesville	0-15	Ridges	No	—
	Gilpin	0-15	Ridges	No	—
WeC2: Wellston silt loam, 8 to 15 percent slopes	Wellston	80-95	Ridges	No	—
	Zanesville	0-15	Ridges	No	—
	Guernsey	0-15	Ridges	No	—
	Gilpin	0-15	Ridges	No	—
WfB: Westgate silt loam, 2 to 6 percent slopes	Westgate	85	Hills	No	—
	Gilpin	8	Hills	—	—

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	Aaron	7	Hills	—	—
	deeper to yellowish red subsoil		—	—	—
WfC2: Westgate silt loam, 6 to 12 percent slopes, eroded	Westgate	85	Hills	No	—
	Woodsfield	5	Hills	—	—
	Aaron	5	Hills	—	—
	Gilpin	5	Hills	—	—
WgD2: Westmoreland-Guernsey complex, 12 to 20 percent slopes, eroded	Westmoreland	45	Hills	No	—
	Guernsey	35	Hills	No	—
	Berks	10	Hills	—	—
	Westgate	10	Hills	—	—
	Gilpin		Hills	—	—
WgE2: Westmoreland-Guernsey complex, 20 to 35 percent slopes, eroded	Westmoreland	45	Hills	No	—
	Guernsey	35	Hills	No	—
	Westgate	10	Hills	—	—
	Berks	10	Hills	—	—
	Gilpin		Hills	—	—
WgF: Westmoreland-Guernsey complex, 35 to 70 percent slopes	Westmoreland	60	Hills	No	—
	Guernsey	30	Hills	No	—
	Berks	10	Hills	—	—
	more rock fragments in the surface layer and upper subsoil		—	—	—
WhD2: Westmoreland-Guernsey silt loams, 15 to 25 percent slopes, eroded	Westmoreland	45	Hills	No	—
	Guernsey	35	Hills	No	—
	Lowell	7	Hills	—	—
	Berks	7	Hills	—	—
	Upshur	6	Hills	—	—
WhE2: Westmoreland-Guernsey silt loams, 25 to 40 percent slopes, eroded	Westmoreland	45	Hills	No	—
	Guernsey	35	Hills	No	—
	Lobdell	3	Flood plains	—	—
	Newark	3	Flood plains	—	—

Hydric Soil List - All Components--OH115-Morgan County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Berks	3	Hills	—	—
	Omurga	3	Terraces	—	—
	Rigley	3	Hills	—	—
	Clarksburg	3	Hills	—	—
	Glenford	2	Terraces,lake plains	—	—
WnC2: Westgate silt loam, 6 to 15 percent slopes, eroded	Westgate	80	Hills	No	—
	Zanesville	7	Hills	—	—
	Guernsey	7	Hills	—	—
	Upshur	6	Hills	—	—
WyB: Woodsfield silt loam, 2 to 6 percent slopes	Woodsfield	85	Hills	No	—
	Westgate	8	Hills	—	—
	Gilpin	7	Hills	—	—
	Upshur		Hills	—	—
WyC2: 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		—	—	—
ZnB: Zanesville silt loam, 2 to 6 percent slopes	Zanesville	85	Hills	No	—
	Gilpin	8	Hills	—	—
	Westgate	7	Hills	—	—
ZnC2: Zanesville silt loam, 6 to 12 percent slopes, eroded	Zanesville	85	Hills	No	—
	Gilpin	8	Hills	—	—
	Westgate	7	Hills	—	—

## Data Source Information

Soil Survey Area: Morgan County, Ohio  
 Survey Area Data: Version 10, Sep 19, 2014