

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—OH167-Washington County, Ohio | | | | | |
|---|-----------------------|------------|----------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| AfB: Alford silt loam, 2 to 6 percent slopes | Alford | 100 | Hills | No | — |
| | Zanesville | | Hills | — | — |
| AfC: Alford silt loam, 6 to 12 percent slopes | Alford | 100 | Hills | No | — |
| AIB: Allegheny silt loam, 2 to 6 percent slopes | Allegheny | 100 | Terraces | No | — |
| | Otwell | | Terraces | — | — |
| AIC: Allegheny silt loam, 6 to 12 percent slopes | Allegheny | 100 | Terraces | No | — |
| | Licking | | Terraces | — | — |
| | Vincent | | Terraces | — | — |
| AID: Allegheny silt loam, 12 to 18 percent slopes | Allegheny | 100 | Hills | No | — |
| | Licking | | Terraces | — | — |
| | Vincent | | Terraces | — | — |
| AIG: Allegheny silt loam, 18 to 50 percent slopes | Allegheny | 100 | Terraces | No | — |
| | Upshur | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| | Dekalb | | Hills | — | — |
| AsA: Ashton silt loam, 0 to 2 percent slopes | Ashton | 100 | Terraces | No | — |
| AsB: Ashton silt loam, 2 to 6 percent slopes | Ashton | 100 | Terraces | No | — |
| BeC: Belpre clay, 6 to 12 percent slopes | Belpre | 100 | Hills | No | — |
| | Gilpin | | Hills | — | — |
| BeD: Belpre clay, 12 to 18 percent slopes | Belpre | 100 | Hills | No | — |
| | Vandalia | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| BeE: Belpre clay, 18 to 25 percent slopes | Belpre | 100 | Hills | No | — |
| BeF: Belpre clay, 25 to 35 percent slopes | Belpre | 100 | Hills | No | — |
| BsC: Brookside silty clay loam, 6 to 12 percent slopes | Brookside | 95 | Hills | No | — |
| | Poorly drained soils | 5 | Hills | Yes | 2 |
| | Hayter | | Hills | — | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|-----------------------|------------|-----------------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| BsD: Brookside silty clay loam, 12 to 18 percent slopes | Brookside | 95 | Hills | No | — |
| | Poorly drained soils | 5 | Hills | Yes | 2 |
| | Hayter | | Hills | — | — |
| BsE: Brookside silty clay loam, 18 to 25 percent slopes | Brookside | 95 | Hills | No | — |
| | Poorly drained soils | 5 | Hills | Yes | 2 |
| | | | | | |
| BtF: Brookside bouldery silty clay loam, 18 to 35 percent slopes | Brookside | 100 | Hills | No | — |
| | Hartshorn | | Flood plains | — | — |
| | | | | | |
| Cg: 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 | — |
| ChA: Chili loam, 0 to 2 percent slopes | Chili | 100 | Terraces | No | — |
| | Watertown | | Terraces | — | — |
| | Conotton | | Terraces | — | — |
| ChB: Chili loam, 2 to 6 percent slopes | Chili | 100 | Terraces | No | — |
| | Conotton | | Terraces | — | — |
| ChC: Chili loam, 6 to 12 percent slopes | Chili | 100 | Terraces | No | — |
| | Watertown | | Terraces | — | — |
| 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 |
| CIC: Clymer silt loam, 6 to 12 percent slopes | Clymer | 100 | Hills | No | — |
| | Zanesville | | Hills | — | — |
| CID: Clymer silt loam, 12 to 18 percent slopes | Clymer | 100 | Hills | No | — |
| | Dekalb | | Hills | — | — |
| CoA: Conotton gravelly loam, 1 to 6 percent slopes | Conotton | 100 | Terraces | No | — |
| | Chili | | Terraces | — | — |
| | Watertown | | Terraces | — | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|-----------------------|------------|--------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| CpE: Conotton-Chili gravelly loams, 18 to 25 percent slopes | Chili | 40 | Terraces | No | — |
| | Conotton | 40 | Terraces | No | — |
| | Wheeling | 10 | Terraces | — | — |
| | Watertown | 10 | Terraces | — | — |
| DkC: Dekalb loam, 6 to 12 percent slopes | Dekalb | 100 | Hills | No | — |
| DkD: Dekalb loam, 12 to 18 percent slopes | Dekalb | 100 | Hills | No | — |
| DkE: Dekalb loam, 18 to 25 percent slopes | Dekalb | 100 | Hills | No | — |
| DkF: Dekalb loam, 25 to 35 percent slopes | Dekalb | 100 | Hills | No | — |
| DsG: Dekalb and Gilpin stony soils, 25 to 70 percent slopes | Dekalb | 50 | Hills | No | — |
| | Gilpin | 50 | Hills | No | — |
| | Hartshorn | | Flood plains | — | — |
| | Hayter | | Hills | — | — |
| DtB: Duncannon silt loam, 2 to 6 percent slopes | Duncannon | 100 | Terraces | No | — |
| | Duncannon | 100 | Terraces | No | — |
| | Watertown | | Terraces | — | — |
| DtC: Duncannon silt loam, 6 to 12 percent slopes | Lakin | | Terraces | — | — |
| | Duncannon | 40 | Terraces | No | — |
| | Lakin | 40 | Terraces | No | — |
| | Upshur | 10 | Hills | — | — |
| DuD: Duncannon-Lakin complex, 12 to 18 percent slopes | Gilpin | 10 | Hills | — | — |
| | Duncannon | 40 | Terraces | No | — |
| | Lakin | 40 | Terraces | No | — |
| | Upshur | 10 | Hills | — | — |
| DuE: Duncannon-Lakin complex, 18 to 25 percent slopes | Gilpin | 10 | Hills | — | — |
| | Duncannon | 40 | Terraces | No | — |
| | Lakin | 40 | Terraces | No | — |
| | Upshur | 10 | Hills | — | — |
| EID: Elba-Belpre complex, 12 to 18 percent slopes | Gilpin | 10 | Hills | — | — |
| | Elba | 45 | Hills | No | — |
| | Belpre | 20 | Hills | No | — |
| | Lowell | 15 | Hills | — | — |
| | Upshur | 10 | Hills | — | — |
| | Westmore | 10 | Hills | — | — |

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| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| EIE: Elba-Belpre complex, 18 to 25 percent slopes | Elba | 45 | Hills | No | — |
| | Belpre | 20 | Hills | No | — |
| | Lowell | 15 | Hills | — | — |
| | Westmore | 10 | Hills | — | — |
| | Upshur | 10 | Hills | — | — |
| EIF: Elba-Belpre complex, 25 to 35 percent slopes | Elba | 45 | Hills | No | — |
| | Belpre | 20 | Hills | No | — |
| | Lowell | 18 | Hills | — | — |
| | Upshur | 17 | Hills | — | — |
| Gal2B1: Gallia loam, 2 to 6 percent slopes | Gallia | 85-100 | Terraces | No | — |
| | Omurga | 0-15 | Terraces | No | — |
| | Vincent | 0-10 | Terraces | No | — |
| Gal2C1: Gallia loam, 6 to 12 percent slopes | Gallia | 80-90 | Terraces | No | — |
| | Omurga | 5-20 | Terraces | No | — |
| | Vincent | 0-15 | Terraces | No | — |
| | Gallia | 0-10 | Terraces | No | — |
| Gal2D1: Gallia loam, 12 to 18 percent slopes | Gallia | 75-90 | Terraces | No | — |
| | Gallia-Eroded | 0-15 | Terraces | No | — |
| | Gilpin | 0-10 | Hills | No | — |
| | Vincent | 0-10 | Terraces | No | — |
| GdB: 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 | — |
| GdC: 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 | — |
| 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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|---|-----------------------|------------|------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| GdE: Gilpin silt loam, 18 to 25 percent slopes | Gilpin | 100 | Hills | No | — |
| | Wellston | | Hills | — | — |
| | Summitville | | Hills | — | — |
| GdF: Gilpin silt loam, 25 to 35 percent slopes | Gilpin | 75-100 | Hillslopes | No | — |
| | Lowell | 0-10 | Hillslopes | No | — |
| | Berks | 0-15 | Hillslopes | No | — |
| GkC: Gilpin-Summitville-Upshur complex, 6 to 12 percent slopes | Gilpin | 35 | Hills | No | — |
| | Summitville | 20 | Hills | No | — |
| | Upshur | 20 | Hills | No | — |
| | Woodsfield | 9 | Hills | — | — |
| | Dekalb | 8 | Hills | — | — |
| GkD: Gilpin-Summitville-Upshur complex, 12 to 18 percent slopes | Zanesville | 8 | Hills | — | — |
| | Gilpin | 35 | Hills | No | — |
| | Summitville | 25 | Hills | No | — |
| | Upshur | 20 | Hills | No | — |
| | severely eroded areas | 10 | — | — | — |
| GkD3: Gilpin-Summitville-Upshur complex, 12 to 18 percent slopes, severely eroded | acid, gray subsoil | 10 | — | — | — |
| | Gilpin | 30 | Hills | No | — |
| | Summitville | 30 | Hills | No | — |
| | Dekalb | 20 | Hills | — | — |
| | Upshur | 20 | Hills | No | — |
| GkE: Gilpin-Summitville-Upshur complex, 18 to 25 percent slopes | Gilpin | 30 | Hills | No | — |
| | Summitville | 30 | Hills | No | — |
| | Upshur | 25 | Hills | No | — |
| GkE3: Gilpin-Summitville-Upshur complex, 18 to 25 percent slopes, severely eroded | Dekalb | 15 | Hills | — | — |
| | Summitville | 30 | Hills | No | — |
| | Gilpin | 30 | Hills | No | — |
| GkF: Gilpin-Summitville-Upshur complex, 25 to 35 percent slopes | Upshur | 25 | Hills | No | — |
| | other soils | 15 | — | — | — |
| | Gilpin | 40 | Hills | No | — |
| | Summitville | 30 | Hills | No | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|----------------------------|------------|-------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Upshur | 20 | Hills | No | — |
| | Dekalb | 10 | Hills | — | — |
| GIF: Gilpin-Summitville-Upshur complex, 25 to 35 percent slopes, benched | Gilpin | 50 | Hills | No | — |
| | Summitville | 20 | Hills | No | — |
| | Upshur | 20 | Hills | No | — |
| | Dekalb | 3 | Hills | — | — |
| | Hartshorn | 3 | Flood plains | — | — |
| | Hayter | 2 | — | — | — |
| | Vandalia | 2 | — | — | — |
| GIG: Gilpin-Summitville-Upshur complex, 35 to 70 percent slopes, benched | Gilpin | 50 | Hills | No | — |
| | Upshur | 20 | Hills | No | — |
| | Summitville | 20 | Hills | No | — |
| | Hartshorn | 3 | Flood plains | — | — |
| | Dekalb | 3 | Hills | — | — |
| | Hayter | 2 | Hills | — | — |
| | Vandalia | 2 | Hills | — | — |
| 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 |
| 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 | — |
| HcA: Hackers silt loam, 0 to 3 percent slopes, rarely flooded | Hackers | 80-95 | Flood plains | No | — |
| | Senecaville | 0-5 | Flood plains | No | — |
| | Melvin | 0-5 | Flood plains | Yes | 2 |
| | Moshannon | 5-10 | Flood plains | No | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|-----------------------|------------|--------------------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| HcB: Hackers silt loam, 3 to 8 percent slopes, rarely flooded | Hackers | 80-95 | Flood plains | No | — |
| | Moshannon | 5-10 | Flood plains | No | — |
| | Senecaville | 0-5 | Flood plains | No | — |
| | Sensabaugh | 0-5 | Alluvial fans, stream terraces | No | — |
| HcC: Hackers silt loam, 6 to 12 percent slopes | Hackers | 100 | Terraces | No | — |
| He: Hartshorn silt loam | Hartshorn | 90 | Flood plains | No | — |
| | Poorly drained soils | 10 | Backswamps, abandoned channels | Yes | 2 |
| HgB: Hayter loam, 2 to 6 percent slopes | Hayter | 100 | Hills | No | — |
| | Hartshorn | | Flood plains | — | — |
| HgC: Hayter loam, 6 to 12 percent slopes | Hayter | 100 | Hills | No | — |
| | Vandalia | | Hills | — | — |
| | Brookside | | Hills | — | — |
| HgD: Hayter loam, 12 to 18 percent slopes | Hayter | 100 | Hills | No | — |
| | Brookside | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| | Dekalb | | Hills | — | — |
| | Vandalia | | Hills | — | — |
| HgE: Hayter loam, 18 to 25 percent slopes | Hayter | 100 | Hills | No | — |
| HgF: Hayter loam, 25 to 35 percent slopes | Hayter | 100 | Hills | No | — |
| | Vandalia | | Hills | — | — |
| | Brookside | | Hills | — | — |
| HhE: Hayter very stony soils, 18 to 30 percent slopes | Hayter | 100 | Hills | No | — |
| HkE: Hayter-Vandalia channery loams, 12 to 25 percent slopes | Hayter | 50 | Hills | No | — |
| | Vandalia | 25 | Hills | No | — |
| | Upshur | 10 | Hills | — | — |
| | Gilpin | 10 | Hills | — | — |
| | Poorly drained soils | 5 | Hills | Yes | 2 |
| HkF: Hayter-Vandalia stony complex, 25 to 50 percent slopes | Hayter | 50 | Hills | No | — |
| | Vandalia | 25 | Hills | No | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|-------------------------|------------|-----------------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Gilpin | 9 | Hills | — | — |
| | Hartshorn | 8 | Flood plains | — | — |
| | Upshur | 8 | Hills | — | — |
| Hu: Huntington silt loam | Huntington | 95 | Flood plains | No | — |
| | Poorly drained soils | 5 | Backswamps, depressions | Yes | 2,3 |
| KeB: Keene silt loam, 3 to 8 percent slopes | Keene | 80-100 | Ridges | No | — |
| | Gilpin | 0-20 | Ridges | No | — |
| KeC: Keene silt loam, 6 to 12 percent slopes | Keene | 100 | Hills | 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 |
| LbC: Lakin loamy fine sand, 3 to 12 percent slopes | Lakin | 100 | Terraces | No | — |
| LbD: Lakin loamy fine sand, 12 to 18 percent slopes | Lakin | 100 | Terraces | No | — |
| | Duncannon | | Terraces | — | — |
| 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 | — |
| | Licking-Severely eroded | 0-15 | Stream terraces | No | — |
| | Gilpin | 0-10 | Hills | No | — |
| LoC: Lowell-Upshur complex, 6 to 12 percent slopes | Lowell | 45 | Hills | No | — |
| | Upshur | 35 | Hills | No | — |

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| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Westmore | 10 | Hills | — | — |
| | Gilpin | 10 | Hills | — | — |
| LoD: Lowell-Upshur complex, 12 to 18 percent slopes | Lowell | 45 | Hills | No | — |
| | Upshur | 35 | Hills | No | — |
| | Summitville | 5 | Hills | — | — |
| | Elba | 5 | Hills | — | — |
| | Belpre | 5 | Hills | — | — |
| | Gilpin | 5 | Hills | — | — |
| LoE: Lowell-Upshur complex, 18 to 25 percent slopes | Lowell | 45 | Hills | No | — |
| | Upshur | 35 | Hills | No | — |
| | Summitville | 5 | Hills | — | — |
| | Elba | 5 | Hills | — | — |
| | Belpre | 5 | Hills | — | — |
| | Gilpin | 5 | Hills | — | — |
| LoF: Lowell-Upshur complex, 25 to 35 percent slopes | Lowell | 45 | Hills | No | — |
| | Upshur | 35 | Hills | No | — |
| | Dekalb | 4 | Hills | — | — |
| | Elba | 4 | Hills | — | — |
| | Belpre | 4 | Hills | — | — |
| | Summitville | 4 | — | — | — |
| | Gilpin | 4 | Hills | — | — |
| MbB: Markland silt loam, 2 to 6 percent slopes | Markland | 100 | Terraces | No | — |
| | McGary | | Terraces | — | — |
| | Mentor | | Lake plains | — | — |
| MbC: Markland silt loam, 6 to 12 percent slopes | Markland | 100 | Terraces | No | — |
| MbD2: Markland silt loam, 12 to 18 percent slopes, moderately eroded | Markland | 100 | Terraces | No | — |
| MbG: Markland silt loam, 18 to 50 percent slopes | Markland | 100 | Terraces | No | — |
| | Upshur | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| McA: McGary silt loam, 0 to 2 percent slopes | McGary | 90 | Terraces | No | — |
| | Poorly drained soils | 10 | Depressions | Yes | 2,3 |

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| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| MeA: Mentor silt loam, 0 to 2 percent slopes | Mentor | 100 | Terraces | No | — |
| | Glenford | | Terraces,lake plains | — | — |
| MeB: Mentor silt loam, 2 to 6 percent slopes | Mentor | 100 | Terraces | No | — |
| | Glenford | | Lake plains,terraces | — | — |
| MeC: Mentor silt loam, 6 to 12 percent slopes | Mentor | 100 | Terraces | 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 | — |
| Mos1AF: Moshannon silt loam, 0 to 3 percent slopes, frequently flooded | Moshannon | 80-100 | Flood plains | No | — |
| | Senecaville-Rarely flooded | 0-20 | Stream terraces | No | — |
| | Melvin | 0-5 | Depressions 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 | — |
| | | | | | |
| Nn: Newark silt loam | Newark | 90 | Flood plains | No | — |
| | Melvin | 10 | Abandoned channels,depressions | Yes | 2,4 |
| 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 | — |
| 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 | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|-------------------------------|------------|-----------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | 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 | — |
| OmV1B1: Omulga-Vincent silt loams, 2 to 6 percent slopes | Omulga | 30-70 | Terraces | No | — |
| | Vincent | 30-60 | Terraces | No | — |
| | Wyatt | 0-10 | Terraces | No | — |
| | Gallia | 0-10 | Terraces | No | — |
| OmV1C1: Omulga-Vincent silt loams, 6 to 12 percent slopes | Omulga | 30-70 | Terraces | No | — |
| | Vincent | 25-50 | Terraces | No | — |
| | Wyatt | 0-15 | Terraces | No | — |
| | Gallia | 0-10 | Terraces | No | — |
| OtB: Otwell silt loam, 2 to 6 percent slopes | Otwell | 100 | Terraces | No | — |
| | Gallia | | Terraces | — | — |
| | Licking | | Terraces | — | — |
| | Allegheny | | Terraces | — | — |
| | Vincent | | Terraces | — | — |
| OtC: Otwell silt loam, 6 to 12 percent slopes | Otwell | 100 | Terraces | No | — |
| OvB: Otwell-Vincent silt loams, 2 to 6 percent slopes | Otwell | 40 | Terraces | No | — |
| | Vincent | 30 | Terraces | No | — |
| | somewhat poorly drained soils | 10 | — | — | — |
| | Allegheny | 10 | Terraces | — | — |
| | Licking | 10 | Terraces | — | — |
| OvC: Otwell-Vincent silt loams, 6 to 12 percent slopes | Otwell | 40 | Terraces | No | — |
| | Vincent | 30 | Terraces | No | — |
| | somewhat poorly drained soils | 10 | — | — | — |
| | Allegheny | 10 | Terraces | — | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|---------------------------|------------|--------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Licking | 10 | Terraces | — | — |
| Pe: Peoga silt loam | Peoga | 100 | Depressions | Yes | 2 |
| | Very poorly drained soils | | Depressions | Yes | 2 |
| Pg: Pits, gravel | Pits, gravel | 100 | — | Unranked | — |
| Pu: Pits, quarry | Pits, quarry | 100 | — | Unranked | — |
| SaB: Sparta loamy sand, 0 to 6 percent slopes | Sparta | 100 | Terraces | No | — |
| SM: Strip mine spoil, calcareous | Strip mine spoil | 100 | — | No | — |
| SP: Strip mine spoil, acidic (toxic) | Strip mine spoil | 100 | — | No | — |
| SuD: Summitville silt loam, 10 to 20 percent slopes | Summitville | 100 | Hills | No | — |
| | Vandalia | | Hills | — | — |
| | Upshur | | Hills | — | — |
| TaA: Taggart silt loam, 0 to 2 percent slopes | Taggart | 90 | Terraces | No | — |
| | Peoga | 10 | Depressions | Yes | 2,3 |
| Tg: Tioga fine sandy loam | Tioga | 95 | Flood plains | No | — |
| | Poorly drained soils | 5 | Abandoned channels | Yes | 2,3 |
| Ub: Udipsamments | Udipsamments | 100 | — | Unranked | — |
| Ud: Udorthents | Udorthents | 100 | — | Unranked | — |
| Uf: Udorthents, clayey | Udorthents, clayey | 100 | — | Unranked | — |
| Uh: Udorthents, loamy | Udorthents, loamy | 100 | — | Unranked | — |
| UpB: Upshur silty clay loam, 2 to 6 percent slopes | Upshur | 100 | Hills | No | — |
| | Woodsfield | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| | Summitville | | Hills | — | — |
| UpC: Upshur silty clay loam, 6 to 12 percent slopes | Upshur | 100 | Hills | No | — |
| | Summitville | | Hills | — | — |
| | Woodsfield | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| UpD: Upshur silty clay loam, 12 to 18 percent slopes | Upshur | 100 | Hills | No | — |
| | Vandalia | | Hills | — | — |
| | Dekalb | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| | Summitville | | Hills | — | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|---|-----------------------|------------|--------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| UpE: Upshur silty clay loam, 15 to 25 percent slopes | Upshur | 70-85 | Hills | No | — |
| | Gilpin | 5-15 | Hills | No | — |
| | Guernsey | 5-15 | Hills | No | — |
| UrD3: Upshur clay, 12 to 18 percent slopes, severely eroded | Upshur | 100 | Hills | No | — |
| | Gilpin | | Hills | — | — |
| | Summitville | | Hills | — | — |
| UrE3: Upshur clay, 18 to 25 percent slopes, severely eroded | Upshur | 100 | Hills | No | — |
| | Belpre | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| | Summitville | | Hills | — | — |
| UsF: Upshur-Gilpin complex, 25 to 35 percent slopes | Upshur | 50 | Hills | No | — |
| | Gilpin | 20 | Hills | No | — |
| | Summitville | 15 | Hills | — | — |
| | Vandalia | 15 | Hills | — | — |
| UsF3: Upshur-Gilpin complex, 25 to 35 percent slopes, severely eroded | Upshur | 50 | Hills | No | — |
| | Gilpin | 20 | Hills | No | — |
| | Belpre | 10 | Hills | — | — |
| | Vandalia | 10 | Hills | — | — |
| | Summitville | 10 | Hills | — | — |
| UTG: Upshur association, very stony, 25 to 70 percent slopes | Upshur | 100 | Hills | No | — |
| | Summitville | | Hills | — | — |
| | Dekalb | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| | Hayter | | Hills | — | — |
| | Vandalia | | Hills | — | — |
| UX: Urban land | Urban land | 100 | — | Unranked | — |
| VaC: 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 | — | — |
| VaD: Vandalia silty clay loam, 12 to 18 percent slopes | Vandalia | 95 | Hills | No | — |
| | Poorly drained soils | 5 | Hills | Yes | 2 |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|-----------------------|------------|------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Brookside | | Hills | — | — |
| VaE: Vandalia silty clay loam, 18 to 25 percent slopes | Vandalia | 95 | Hills | No | — |
| | Poorly drained soils | 5 | Hills | Yes | 2 |
| | Brookside | | Hills | — | — |
| VaF: Vandalia silty clay loam, 25 to 35 percent slopes | Vandalia | 70-90 | Hillslopes | No | — |
| | Guernsey | 0-12 | Hillslopes | No | — |
| | Upshur | 5-10 | Hillslopes | No | — |
| | Gilpin | 2-10 | Hillslopes | No | — |
| | Peabody | 0-10 | Hillslopes | No | — |
| Vin1B1: Vincent silt loam, 2 to 6 percent slopes | Vincent | 75-100 | Terraces | No | — |
| | Omulga | 0-20 | Terraces | No | — |
| | Vincent | 0-20 | Terraces | No | — |
| | Gallia | 0-10 | Terraces | No | — |
| | Wyatt | 0-10 | Terraces | No | — |
| Vin1C1: Vincent silt loam, 6 to 12 percent slopes | Vincent | 70-100 | Terraces | No | — |
| | Omulga | 0-20 | Terraces | No | — |
| | Vincent | 0-20 | Terraces | No | — |
| | Gallia | 0-10 | Terraces | No | — |
| | Wyatt | 0-10 | Terraces | No | — |
| Vin1D1: Vincent silt loam, 12 to 18 percent slopes | Vincent | 75-95 | Terraces | No | — |
| | Omulga | 0-10 | Terraces | No | — |
| | Vincent | 0-20 | Terraces | No | — |
| | Gallia | 0-10 | Terraces | No | — |
| | Gilpin | 0-10 | Hills | No | — |
| W: Water | Water | 100 | — | Unranked | — |
| WaB: Watertown gravelly loamy sand, 2 to 6 percent slopes | Watertown | 100 | Terraces | No | — |
| WbA: Watertown sandy loam, 0 to 2 percent slopes | Watertown | 100 | Terraces | No | — |
| | Lakin | | Terraces | — | — |
| WbB: Watertown sandy loam, 2 to 6 percent slopes | Watertown | 100 | Terraces | No | — |
| | Lakin | | Terraces | — | — |
| WbC: Watertown sandy loam, 6 to 12 percent slopes | Watertown | 100 | Terraces | No | — |
| | Lakin | | Terraces | — | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|---|-----------------------|------------|--------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| WhB: Wellston silt loam, 3 to 8 percent slopes | Wellston | 80-95 | Ridges | No | — |
| | Zanesville | 0-15 | Ridges | No | — |
| | Gilpin | 0-15 | Ridges | No | — |
| WhC: 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 | — |
| WhD: Wellston silt loam, 12 to 18 percent slopes | Wellston | 80-95 | Ridges | No | — |
| | Dekalb | 0-15 | Ridges | No | — |
| | Gilpin | 0-15 | Ridges | No | — |
| WkF: Westmore-Lowell-Elba complex, 25 to 35 percent slopes | Lowell | 30 | Hills | No | — |
| | Westmore | 30 | Hills | No | — |
| | Elba | 20 | Hills | No | — |
| | Belpre | 5 | — | — | — |
| | Upshur | 5 | — | — | — |
| | Gilpin | 5 | — | — | — |
| | Dekalb | 5 | — | — | — |
| WkG: Westmore-Lowell-Elba complex, 35 to 70 percent slopes | Lowell | 30 | Hills | No | — |
| | Westmore | 30 | Hills | No | — |
| | Elba | 20 | Hills | No | — |
| | Brookside | 5 | Hills | — | — |
| | Hartshorn | 5 | Flood plains | — | — |
| | Belpre | 5 | Hills | — | — |
| WIF: Westmore-Lowell-Elba complex, 25 to 35 percent slopes, benched | Lowell | 30 | Hills | No | — |
| | Westmore | 30 | Hills | No | — |
| | Elba | 20 | Hills | No | — |
| | Belpre | 7 | Hills | — | — |
| | Brookside | 7 | Hills | — | — |
| | Gilpin | 6 | Hills | — | — |
| WIG: Westmore-Lowell-Elba complex, 35 to 70 percent slopes, benched | Lowell | 30 | Hills | No | — |
| | Westmore | 30 | Hills | No | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|---|-----------------------|------------|--------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Elba | 20 | Hills | No | — |
| | Belpre | 5 | Hills | — | — |
| | Gilpin | 5 | Hills | — | — |
| | Brookside | 5 | Hills | — | — |
| | Hartshorn | 5 | Flood plains | — | — |
| Wm1D2: Westmoreland silt loam, 12 to 18 percent slopes, eroded | Westmoreland | 80-100 | Hills | No | — |
| | Woodsfield | 0-15 | Hills | No | — |
| | Guernsey | 0-15 | Hills | No | — |
| WmW1D2: Westmoreland-Woodsfield silt loams, 12 to 18 percent slopes, eroded | Westmoreland | 30-60 | Hills | No | — |
| | Woodsfield | 25-60 | Hills | No | — |
| | Guernsey | 0-15 | Hills | No | — |
| | Dormont | 0-15 | Hills | No | — |
| WrA: Wheeling silt loam, 0 to 2 percent slopes | Wheeling | 100 | Terraces | No | — |
| WrB: Wheeling silt loam, 2 to 6 percent slopes | Wheeling | 100 | Terraces | No | — |
| WrC: Wheeling silt loam, 6 to 12 percent slopes | Wheeling | 100 | Terraces | No | — |
| | Mentor | | Lake plains | — | — |
| | Watertown | | Terraces | — | — |
| WrD: Wheeling silt loam, 12 to 18 percent slopes | Wheeling | 100 | Terraces | No | — |
| | Duncannon | | Terraces | — | — |
| | Chili | | Terraces | — | — |
| | Watertown | | Terraces | — | — |
| WrF: Wheeling silt loam, 18 to 35 percent slopes | Wheeling | 100 | Terraces | No | — |
| | Watertown | | Terraces | — | — |
| | Conotton | | Terraces | — | — |
| | Chili | | Terraces | — | — |
| | Mentor | | Lake plains | — | — |
| WTB: Woodsfield silt loam, 2 to 6 percent slopes | Woodsfield | 100 | Hills | No | — |
| | Upshur | | Hills | — | — |
| WTC: Woodsfield silt loam, 6 to 12 percent slopes | Woodsfield | 100 | Hills | No | — |
| | Upshur | | Hills | — | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|---------------------------|------------|-----------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| WtD: Woodsfield silt loam, 12 to 18 percent slopes | Woodsfield | 100 | Hills | No | — |
| | Summitville | | Hills | — | — |
| | More poorly drained soils | | — | — | — |
| | Gilpin | | Hills | — | — |
| 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 | — |
| 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 | — |
| 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 | — |
| WzB: Woodsfield-Zanesville silt loams, 2 to 6 percent slopes | Woodsfield | 50 | Hills | No | — |
| | Zanesville | 30 | Hills | No | — |
| | Gilpin | 10 | Hills | — | — |
| | Upshur | 10 | Hills | — | — |
| WzC: Woodsfield-Zanesville silt loams, 6 to 12 percent slopes | Woodsfield | 50 | Hills | No | — |
| | Zanesville | 30 | Hills | No | — |
| | Gilpin | 7 | Hills | — | — |
| | Wellston | 7 | Hills | — | — |
| ZnB: Zanesville silt loam, 2 to 6 percent slopes | Upshur | 6 | Hills | — | — |
| | Zanesville | 100 | Hills | No | — |
| | Gilpin | | Hills | — | — |
| | Wellston | | Hills | — | — |
| | Clymer | | Hills | — | — |

| Hydric Soil List - All Components--OH167-Washington County, Ohio | | | | | |
|--|-----------------------|------------|----------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| ZnC: Zanesville silt loam, 6 to 12 percent slopes | Zanesville | 100 | Hills | No | — |
| | Keene | | Hills | — | — |
| | Gilpin | | Hills | — | — |
| | Wellston | | Hills | — | — |

Data Source Information

Soil Survey Area: Washington County, Ohio
 Survey Area Data: Version 9, Sep 19, 2014