

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—OH127-Perry County, Ohio | | | | | |
|--|-------------------------------|------------|--|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| Ae: Aetna silt loam, occasionally flooded | Aetna | 80 | Flood plains | No | — |
| | Patton | 10 | Depressions on glacial lakes (relict) | Yes | 2,3 |
| | Eel | 5 | Flood plains | No | — |
| AfB: Alford silt loam, 1 to 8 percent slopes | Beaucoup | 5 | Depressions on flood plains | Yes | 2,3 |
| | Alford | 90 | Ridges,coves,benches | No | — |
| | Cincinnati | 5 | Till plains | — | — |
| AfC: Alford silt loam, 8 to 15 percent slopes | Westmoreland | 5 | Hills | — | — |
| | Alford | 90 | Ridges,coves,benches | No | — |
| | Cincinnati | 5 | Till plains | — | — |
| AfC2: Alford silt loam, 8 to 15 percent slopes, eroded | Westmoreland | 5 | Hills | — | — |
| | Alford | 80 | Hills | No | — |
| | Zanesville | 10 | Hills | — | — |
| | less than 6 feet to bedrock | 5 | — | — | — |
| AfD: Alford silt loam, 15 to 25 percent slopes | somewhat poorly drained soils | 5 | — | — | — |
| | Alford | 90 | Coves,benches | No | — |
| | Westmoreland | 10 | Hills | — | — |
| AgB: Alford silt loam, 2 to 8 percent slopes | Alford | 85 | Hills | No | — |
| | less than 6 feet to bedrock | 5 | — | — | — |
| | somewhat poorly drained soils | 5 | — | — | — |
| | Zanesville | 5 | Hills | — | — |
| AmB2: Amanda silt loam, 2 to 6 percent slopes, eroded | Amanda | 95 | Ridges on moraines, knolls on moraines | No | — |
| | Bennington | 5 | Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines | — | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|---|---|------------|---|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| AmC2: Amanda silt loam, 6 to 12 percent slopes, eroded | Amanda | 90 | Drainageways on moraines, knolls on moraines | No | — |
| | severely eroded soils | 10 | — | — | — |
| AmD2: Amanda silt loam, 12 to 18 percent slopes, eroded | Amanda | 80 | Knolls on moraines, drainage ways on moraines | No | — |
| | Amanda soils on slopes of 20 to 30 percent | 10 | Ground moraines, end moraines | — | — |
| | severely eroded soils | 10 | — | — | — |
| AoC3: Amanda silty clay loam, 6 to 12 percent slopes, severely eroded | Amanda | 80 | Till plains | No | — |
| | Thrifton | 10 | Till plains | No | — |
| | Loudonville | 10 | Till plains | No | — |
| BbE: Berks channery silt loam, 25 to 35 percent slopes | Berks | 80-90 | Hillslopes | No | — |
| | Weikert | 0-10 | Hillslopes | No | — |
| | Guernsey | 0-10 | Hillslopes | No | — |
| BcF: Berks-Westmoreland complex, 40 to 70 percent slopes | Berks | 40 | Hills | No | — |
| | Westmoreland | 35 | Hills | No | — |
| | Guernsey | 5 | Hills | — | — |
| | Coshocton | 5 | Hills | — | — |
| | Brookside | 5 | Hills | — | — |
| | less than 20 inches to bedrock | 5 | — | — | — |
| | Lobdell | 5 | Flood plains | — | — |
| BeA: Bennington silt loam, 0 to 3 percent slopes | Bennington | 85 | Flats on till plains, drainageways on till plains, depressions on till plains | No | — |
| | Pewamo | 10 | Depressions | Yes | 2,3 |
| | Centerburg | 5 | Moraines, till plains | — | — |
| BhB: Bethesda silt loam, 0 to 8 percent slopes | Bethesda | 85 | Ridges | No | — |
| | unreclaimed areas with a channery silt loam surface layer | 8 | — | — | — |
| | severely eroded soils | 7 | — | — | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|--|---|------------|--|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| BhD: Bethesda silt loam, 8 to 20 percent slopes | Bethesda | 85 | Ridges, knolls | No | — |
| | unreclaimed areas with a channery silt loam surface layer | 8 | — | — | — |
| | severely eroded soils | 7 | — | — | — |
| BkB: Bethesda channery loam, 0 to 8 percent slopes | Bethesda | 85 | Ridges, depressions | No | — |
| | Poorly drained soils | 10 | Depressions | Yes | 3 |
| | Enoch | 5 | Hills | — | — |
| BkD: Bethesda channery loam, 8 to 20 percent slopes | Bethesda | 85 | Ridges | No | — |
| | Poorly drained soils | 5 | Depressions | Yes | 3 |
| | Enoch | 4 | Hills | — | — |
| | narrow, very steep escarpments | 3 | — | — | — |
| | extremely stony soils | 3 | — | — | — |
| BkF: Bethesda channery loam, 40 to 70 percent slopes | Bethesda | 85 | Ridges | No | — |
| | Poorly drained soils | 10 | Depressions | Yes | 3 |
| | Enoch | 2 | Hills | — | — |
| | very stony or extremely stony soils | 2 | — | — | — |
| | slopes of 20 to 40 percent | 1 | — | — | — |
| BvF: Brownsville silt loam, 40 to 70 percent slopes | Brownsville | 85 | Hills | No | — |
| | Gilpin | 8 | Hills | — | — |
| | bedrock at 10 to 20 inches | 7 | — | — | — |
| CdB: Centerburg silt loam, 2 to 6 percent slopes | Centerburg | 85 | Ridges on till plains, knolls on till plains | No | — |
| | Bennington | 15 | Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines | — | — |
| 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 |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|---|--|------------|--|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| CkB: Cincinnati silt loam, 1 to 8 percent slopes | Cincinnati | 90 | Ridges on till plains | No | — |
| | Guernsey | 5 | Hills | — | — |
| | Alford | 5 | Hills | — | — |
| CkC2: Cincinnati silt loam, 8 to 15 percent slopes, eroded | Cincinnati | 85 | Ridges on till plains | No | — |
| | Homewood | 8 | Till plains | — | — |
| | Guernsey | 7 | Hills | — | — |
| CoC2: Cincinnati silt loam, 6 to 15 percent slopes, eroded | Cincinnati | 80 | Till plains | No | — |
| | severely eroded areas | 8 | — | — | — |
| | somewhat poorly drained soils | 6 | — | — | — |
| | Gilpin | 6 | Hills | — | — |
| DkC: Dekalb loam, 8 to 15 percent slopes | Dekalb | 85 | Knolls | No | — |
| | Gilpin | 8 | Hills | — | — |
| | Wellston | 7 | Hills | — | — |
| DkD: Dekalb loam, 15 to 25 percent slopes | Dekalb | 85 | Drainageways on hills, knolls on hills | No | — |
| | severely eroded soils | 5 | — | — | — |
| | very stony soils | 5 | — | — | — |
| | bedrock at 10 to 20 inches | 5 | — | — | — |
| DkE: Dekalb loam, 25 to 40 percent slopes | Dekalb | 80 | Knolls on hills | No | — |
| | very stony soils with bedrock at 10 to 20 inches | 10 | — | — | — |
| | bedrock outcrop | 10 | — | — | — |
| DmF: Dekalb loam, 40 to 70 percent slopes, very stony | Dekalb | 80 | Hills | No | — |
| | bedrock escarpment | 20 | — | — | — |
| Ds: Dumps, mine | Dumps | 100 | Ridges | Unranked | — |
| EnE: Enoch shaly clay loam, 20 to 40 percent slopes | Enoch | 80 | Ridges | No | — |
| | Bethesda | 8 | Hills | — | — |
| | very stony or very bouldery soils | 7 | — | — | — |
| | Poorly drained soils | 5 | Depressions | Yes | 3 |
| EuA: Euclid silt loam, rarely flooded | Euclid | 85 | Terraces | No | — |
| | Luray | 15 | Depressions | Yes | 2,3 |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|--|--|------------|----------------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| FbD: Fairpoint channery clay loam, 8 to 20 percent slopes | Fairpoint | 85 | Ridges | No | — |
| | boulders and stones on the surface and in the soil | 5 | — | — | — |
| | Poorly drained soils | 5 | Depressions | Yes | 3 |
| | slopes of 0 to 8 percent | 5 | — | — | — |
| FbF: Fairpoint channery clay loam, 40 to 70 percent slopes | Fairpoint | 85 | Ridges, knolls | No | — |
| | Poorly drained soils | 10 | Depressions | Yes | 3 |
| | Enoch | 3 | Hills | — | — |
| | boulders and stones on the surface | 2 | — | — | — |
| FcF: Fairpoint channery silty clay loam, 25 to 70 percent slopes | Fairpoint | 85 | Hills | No | — |
| | mine dumps and pits | 5 | — | Unranked | — |
| | Udorthents, loamy | 5 | — | — | — |
| | shallow water pools | 5 | — | — | — |
| FdA: Fitchville silt loam, 0 to 2 percent slopes | Fitchville | 80 | Terraces, lake plains | No | — |
| | Lorain | 5 | Depressions | Yes | 2,3 |
| | Luray | 5 | Depressions | Yes | 2,3 |
| | Killbuck | 5 | Alluvial fans | Yes | 2 |
| | Glenford | 5 | Terraces, lake plains | — | — |
| FtA: Fitchville silt loam, 0 to 3 percent slopes | Fitchville | 85 | Terraces | No | — |
| | Luray | 15 | Depressions, drainage ways | Yes | 2 |
| 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 | — |
| GdC2: Gilpin silt loam, 8 to 15 percent slopes, eroded | Gilpin | 80 | Hills | No | — |
| | Rigley | 5 | Hills | — | — |
| | Wellston | 5 | Hills | — | — |
| | Lowell | 5 | Hills | — | — |
| | Berks | 5 | Hills | — | — |
| GdD: Gilpin silt loam, 15 to 25 percent slopes | Gilpin | 70-100 | Hillslopes | No | — |
| | Berks | 0-15 | Hillslopes | No | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|---|--|------------|--|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Coolville | 0-10 | Hillslopes | No | — |
| | Coshocton | 0-15 | Hillslopes | No | — |
| GnB: Glenford silt loam, 1 to 8 percent slopes | Glenford | 80 | Terraces | No | — |
| | Fitchville | 10 | Lake plains,terraces | — | — |
| | Luray | 10 | Depressions | Yes | 2,3 |
| GoB: Glenford silt loam, 2 to 6 percent slopes | Glenford | 80 | Terraces | No | — |
| | Omulga | 7 | Terraces | — | — |
| | Fitchville | 7 | Terraces,lake plains | — | — |
| | Markland | 6 | Terraces | — | — |
| GwC: Guernsey-Westmoreland silt loams, 8 to 15 percent slopes | Guernsey | 50 | Knolls on hills,ridges on hills | No | — |
| | Westmoreland | 30 | Ridges on hills,knolls on hills | No | — |
| | severely eroded; channery silt loam or silty clay loam surf. | 10 | — | — | — |
| | Westmore | 10 | Hills | — | — |
| GwD: Guernsey-Westmoreland silt loams, 15 to 25 percent slopes | Guernsey | 45 | Benches on hills,ridges on hills,knolls on hills | No | — |
| | Westmoreland | 35 | Ridges on hills,knolls on hills,benches on hills | No | — |
| | Westmore | 7 | Hills | — | — |
| | somewhat poorly drained soils | 7 | — | — | — |
| | severely eroded soils | 6 | — | — | — |
| GwE: Guernsey-Westmoreland silt loams, 25 to 40 percent slopes | Guernsey | 45 | Hills | No | — |
| | Westmoreland | 35 | Hills | No | — |
| | Westmore | 10 | Hills | — | — |
| | somewhat poorly drained soils | 10 | — | — | — |
| HaD2: Homewood-Westmoreland silt loams, 15 to 25 percent slopes, eroded | Homewood | 45 | Hills | No | — |
| | Westmoreland | 30 | Hills | No | — |
| | Guernsey | 25 | Hills | — | — |
| HaE2: Homewood-Westmoreland silt loams, 25 to 40 percent slopes, eroded | Homewood | 45 | Hills | No | — |
| | Westmoreland | 35 | Hills | No | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|--|---|------------|-----------------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Guernsey | 20 | Hills | — | — |
| HoD2: Homewood silt loam, 15 to 20 percent slopes, eroded | Homewood | 80 | Till plains | No | — |
| | Coshocton | 5 | Hills | — | — |
| | Westmoreland | 5 | Hills | — | — |
| | Berks | 5 | Hills | — | — |
| | Gilpin | 5 | Hills | — | — |
| Km: Killbuck silt loam, frequently flooded | Killbuck | 85 | Flood plains | Yes | 2 |
| | Newark | 8 | Flood plains | No | — |
| | Nolin | 7 | 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 |
| LaB: Lakin loamy sand, 1 to 8 percent slopes | Lakin | 90 | Terraces | No | — |
| | wetter soils with a loam or silt loam surface layer | 10 | — | — | — |
| Lk: Lindside silt loam, occasionally flooded | Lindside | 75 | Flood plains | No | — |
| | Newark | 10 | Flood plains | No | — |
| | Euclid | 10 | Flood plains | No | — |
| | Beaucoup | 5 | Depressions on flood plains | Yes | 2,3 |
| Ln: Linwood muck | Linwood | 100 | Bogs on outwash plains | Yes | 1,3 |
| Lu: Luray silt loam | Luray | 85 | Depressions on terraces | Yes | 2,3 |
| | Fitchville | 5 | Terraces,lake plains | No | — |
| | rarely flooded areas on low terraces | 5 | — | — | — |
| | Killbuck | 5 | Flood plains | Yes | 2 |
| Ma: Marengo clay loam | Marengo | 80 | Depressions on till plains | Yes | 2,3 |
| | Bennington | 10 | Till plains | No | — |
| | Centerburg | 5 | Till plains | No | — |
| | Corwin | 5 | Till plains | No | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|---|---|------------|---|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| Mc: Melvin silt loam, ponded | Melvin | 85 | Depressions on flood plains | Yes | 2,3,4 |
| | Newark | 8 | Flood plains | No | — |
| | 2-4ft of ultra acid coarse textured sediment on the surface | 7 | — | — | — |
| MeB: Mentor silt loam, gravelly substratum, 1 to 8 percent slopes | Mentor | 95 | Terraces | No | — |
| | Fitchville | 5 | Terraces,lake plains | — | — |
| MeC: Mentor silt loam, gravelly substratum, 8 to 15 percent slopes | Mentor | 85 | Benches on terraces | No | — |
| | severely eroded soils | 15 | — | — | — |
| 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 | — |
| Ne: Newark silt loam, frequently flooded | Newark | 85 | Depressions on flood plains,flats on flood plains | No | — |
| | Melvin | 10 | Meanders | Yes | 2,3,4 |
| | Nolin | 5 | Flood plains | — | — |
| 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 | — |
| | Newark-Frequently flooded | 0-20 | Flood plains | No | — |
| | Grigsby-Frequently flooded | 0-20 | Flood plains | No | — |
| | Melvin-Occasionally flooded | 0-20 | Backswamps | Yes | 2 |
| OcA: Ockley loam, 0 to 2 percent slopes | Ockley | 95 | Flats on terraces | No | — |
| | soils with more gravel throughout | 5 | — | — | — |
| OcB: Ockley loam, 2 to 6 percent slopes | Ockley | 90 | Terraces | No | — |
| | soils with more gravel throughout | 10 | — | — | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|---|-----------------------------------|------------|--|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| OcC2: Ockley loam, 6 to 12 percent slopes, eroded | Ockley | 85 | Knolls on terraces | No | — |
| | soils with more gravel throughout | 15 | — | — | — |
| Orr1AF: Orrville silt loam, 0 to 3 percent slopes, frequently flooded | Orrville | 80-90 | Flood plains | No | — |
| | Chagrin | 0-15 | Flood plains | No | — |
| | Melvin | 0-10 | Flood plains | Yes | 2,3,4 |
| Pa: Patton silty clay loam | Patton | 80 | Depressions on glacial lakes (relict) | Yes | 2,3 |
| | Fitchville | 10 | Lake plains | No | — |
| | Glenford | 10 | Lake plains | No | — |
| Pb: Patton silty clay loam, rarely flooded | Patton | 80 | Depressions on glacial lakes (relict) | Yes | 2,3 |
| | Fitchville | 10 | Lake plains | No | — |
| | Glenford | 5 | Lake plains | No | — |
| | Aetna | 5 | Flood plains | No | — |
| Pg: Peoga silt loam, rarely flooded | Peoga | 80 | Terraces | Yes | 2 |
| | Euclid | 20 | Terraces | — | — |
| Pm: Pewamo silty clay loam | Pewamo | 90 | Drainageways on till plains, depressions on till plains | Yes | 2,3 |
| | Bennington | 10 | Rises on end moraines, flats on ground moraines, flats on end moraines, rises on ground moraines | — | — |
| | Sebring | 85 | Depressions on glacial lakes (relict) | Yes | 2,3 |
| Sc: Sebring silt loam, rarely flooded | Euclid | 5 | Flood plains | No | — |
| | Newark | 5 | Flood plains | No | — |
| | Aetna | 5 | Flood plains | No | — |
| | Shelocta | 45 | Hills | No | — |
| SfD: Shelocta-Cruze complex, 15 to 25 percent slopes | Cruze | 40 | Hills | No | — |
| | Germano | 5 | Hills | No | — |
| | Gilpin | 5 | Hills | No | — |
| | Berks | 5 | Hills | No | — |
| | Shelocta | 45 | Hills | No | — |
| SfE: Shelocta-Cruze complex, 25 to 40 percent slopes | Cruze | 40 | Hills | No | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|---|---------------------------------------|------------|----------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Berks | 5 | Hills | No | — |
| | Germano | 5 | Hills | No | — |
| | Gilpin | 5 | Hills | No | — |
| Uc: Udorthents-Pits complex | Udorthents | 70 | Hills,ridges | No | — |
| | Pits | 20 | Flats | Unranked | — |
| | moderately deep or deep natural soils | 10 | — | — | — |
| Ud: Udorthents | Udorthents | 100 | — | No | — |
| UpC: Upshur silty clay loam, 8 to 15 percent slopes | Upshur | 90 | Knolls,ridges | No | — |
| | Gilpin | 10 | Hills | — | — |
| UpD: Upshur silty clay loam, 15 to 25 percent slopes | Upshur | 70-85 | Hills | No | — |
| | Gilpin | 5-15 | Hills | No | — |
| | Guernsey | 5-15 | Hills | No | — |
| W: Water | Water | 100 | — | Unranked | — |
| WcB: Wellston silt loam, 3 to 8 percent slopes | Wellston | 80-95 | Ridges | No | — |
| | Zanesville | 0-15 | Ridges | No | — |
| | Gilpin | 0-15 | Ridges | No | — |
| WhB: Wellston silt loam, 1 to 8 percent slopes | Wellston | 90 | Ridges,benches | No | — |
| | Zanesville | 5 | Hills | — | — |
| | Dekalb | 5 | Hills | — | — |
| 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 | — |
| WkB: Westmore silt loam, 1 to 8 percent slopes | Westmore | 80 | Ridges,benches | No | — |
| | Guernsey | 20 | Hills | — | — |
| WkC: Westmore silt loam, 8 to 15 percent slopes | Westmore | 85 | Ridges,benches,hills | No | — |
| | Guernsey | 15 | Hills | — | — |
| WmC: Westmoreland silt loam, 8 to 15 percent slopes | Westmoreland | 75-90 | Hills | No | — |
| | Berks | 5-15 | Hills | No | — |
| | Coshocton | 5-15 | Hills | No | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|---|---|------------|----------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| WmD: Westmoreland silt loam, 15 to 25 percent slopes | Westmoreland | 75-90 | Hills | No | — |
| | Berks | 5-15 | Hills | No | — |
| | Coshocton | 5-15 | Hills | No | — |
| WmE: Westmoreland silt loam, 25 to 35 percent slopes | Westmoreland | 75-90 | Hills | No | — |
| | Coshocton | 5-15 | Hills | No | — |
| | Berks | 5-15 | Hills | No | — |
| WnE: Westmoreland loam, 20 to 40 percent slopes, very bouldery | Westmoreland | 90 | Hills | No | — |
| | fewer rock fragments throughout, no boulders on the surface | 10 | — | — | — |
| WrC2: Westmoreland-Guernsey silt loams, 8 to 15 percent slopes, eroded | Westmoreland | 45 | Hills | No | — |
| | Guernsey | 35 | Hills | No | — |
| | Westgate | 7 | Hills | — | — |
| | Coshocton | 7 | Hills | — | — |
| | Keene | 6 | Hills | — | — |
| WrD2: 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 | — | — |
| WrE2: Westmoreland-Guernsey silt loams, 25 to 40 percent slopes, eroded | Westmoreland | 45 | Hills | No | — |
| | Guernsey | 35 | Hills | No | — |
| | Newark | 3 | Flood plains | — | — |
| | Omulga | 3 | Terraces | — | — |
| | Clarksburg | 3 | Hills | — | — |
| | Rigley | 3 | Hills | — | — |
| | Berks | 3 | Hills | — | — |
| | Lobdell | 3 | Flood plains | — | — |
| | Glenford | 2 | Lake plains,terraces | — | — |
| WsF: Westmoreland-Guernsey silt loams, 40 to 70 percent slopes | Westmoreland | 50 | Hills | No | — |
| | Guernsey | 30 | Benches on hills | No | — |

| Hydric Soil List - All Components--OH127-Perry County, Ohio | | | | | |
|---|--------------------------|------------|----------------------------|---------------|----------------------------|
| Map symbol and map unit name | Component/Local Phase | Comp. pct. | Landform | Hydric status | Hydric criteria met (code) |
| | Dekalb | 10 | Hills | — | — |
| | Westmore | 10 | Hills | — | — |
| WtC: Woodsfield silt loam, 8 to 15 percent slopes | Woodsfield | 90 | Saddles on ridges, benches | No | — |
| | slopes of 2 to 8 percent | 10 | — | — | — |
| ZnB: Zanesville silt loam, 1 to 8 percent slopes | Zanesville | 90 | Ridges | No | — |
| | Gilpin | 10 | Hills | — | — |
| ZnC: Zanesville silt loam, 8 to 15 percent slopes | Zanesville | 85 | Ridges, benches | No | — |
| | severely eroded soils | 5 | — | — | — |
| | Gilpin | 5 | Hills | — | — |
| | Wellston | 5 | Hills | — | — |

Data Source Information

Soil Survey Area: Perry County, Ohio
 Survey Area Data: Version 11, Sep 19, 2014