

## 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—OH101-Marion County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
ApUXA: Aeric Epiaquents-Urban land complex, till substratum, 0 to 3 percent slopes	Aeric Epiaquents-Till substratum	45-75	Till plains	No	—
	Urban land-Residential	20-45	Till plains	Unranked	—
	Blount-Urban	0-9	Till plains,flats	No	—
AqUXA: Aquents, clayey-Urban land complex, 0 to 3 percent slopes	Aquents-Clayey	50-75	Depressions,till plains	Yes	2,3
	Urban land-Commercial/industrial	20-50	Till plains	Unranked	—
	Pewamo-Urban	0-9	Till plains,ground moraines,depressions	Yes	2
AtUXB: Alfic Udarents-Urban land complex, till substratum, 1 to 8 percent slopes	Alfic Udarents-Till substratum	45-75	Till plains	No	—
	Urban land-Residential	25-45	Till plains	Unranked	—
	Glywood-Urban	0-9	Till plains	No	—
BfA: Bennington silt loam, 0 to 2 percent slopes	Bennington	85	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Condit	8	Flats,depressions	Yes	2,3
	Marengo	7	Flats,depressions	Yes	2,3
BgA: Bennington silt loam, 0 to 3 percent slopes	Bennington	85	Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	No	—
	Pewamo	5	Drainageways,depressions	Yes	2,3
	Milford	5	Depressions,drainageways	Yes	2,3
	Cardington	5	Ground moraines,end moraines	—	—
Ble1A1: Blount silt loam, end moraine, 0 to 2 percent slopes	Blount-End moraine	80-95	End moraines on till plains	No	—
	Glywood-End moraine	0-12	End moraines on till plains	No	—

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	Pewamo-End moraine	0-9	End moraines on till plains	Yes	2
Blc1B1: Blount silt loam, end moraine, 2 to 4 percent slopes	Blount-End moraine	80-95	End moraines on till plains	No	—
	Glynwood-End moraine	0-12	End moraines on till plains	No	—
	Pewamo-End moraine	0-9	End moraines on till plains	Yes	2
Blg1A1: Blount silt loam, ground moraine, 0 to 2 percent slopes	Blount-Ground moraine	80-95	Ground moraines on till plains	No	—
	Pewamo-Ground moraine	0-12	Ground moraines on till plains	Yes	2
	Glynwood-Ground moraine	0-9	Ground moraines on till plains	No	—
Blg1B1: Blount silt loam, ground moraine, 2 to 4 percent slopes	Blount-Ground moraine	80-95	Ground moraines on till plains	No	—
	Pewamo-Ground moraine	0-12	Ground moraines on till plains	Yes	2
	Glynwood-Ground moraine	0-9	Ground moraines on till plains	No	—
Bz: Bono silty clay	Bono	85	Depressions	Yes	2,3
	Pewamo	7	Depressions	Yes	2,3
	Olentangy	7	Depressions	Yes	2,3
	occasionally flooded areas	1	Flood plains	Yes	2,3
Cb: Carlisle muck	Carlisle	90	Bogs	Yes	1,3
	Milford	3	Lake plains	Yes	2,3
	Condit	3	Depressions on ground moraines	Yes	2,3
	Pewamo	2	Depressions on lake plains, drainageways on moraines, drainage ways on lake plains, flats on moraines, flats on lake plains, depressions on moraines	Yes	2,3
	mineral material at 30 to 60 inches	2	Bogs	Yes	1,3
	less decomposed muck		Bogs	Yes	1,3
	layers of marl		Bogs	Yes	1,3
	10 to 20 inches of mineral material overlying the muck		Bogs	Yes	1,3

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CdB: Cardington silt loam, 2 to 6 percent slopes	Cardington	90	Ground moraines,end moraines	No	—
	Pewamo	5	Drainageways,depressions	Yes	2,3
	Bennington	5	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
CdB2: Cardington silt loam, 2 to 6 percent slopes, moderately eroded	Cardington	92	Ground moraines,end moraines	No	—
	Pewamo	4	Drainageways	Yes	2,3
	Marengo	4	Drainageways	Yes	2,3
	Bennington		Flats on ground moraines,flats on end moraines,rises on ground moraines,rises on end moraines	—	—
	Severely eroded areas		—	—	—
CdC2: Cardington silt loam, 6 to 12 percent slopes, eroded	Cardington	85	End moraines,ground moraines	No	—
	severely eroded areas	8	—	—	—
	seeps	7	Ground moraines	Yes	2
CeB: Centerburg silt loam, 1 to 4 percent slopes	Centerburg	85	Till plains,moraines	No	—
	Pewamo	5	Drainageways,depressions	Yes	2,3
	Bennington	5	Flats on end moraines,rises on ground moraines,rises on end moraines,flats on ground moraines	—	—
	Martinsville	5	Terraces	—	—
DdA: Del Rey silt loam, 0 to 2 percent slopes	Del Rey	91	Till plains	No	—
	Haskins	2	Lake plains,till plains	—	—
	Bono	2	Depressions	Yes	2,3
	Kibbie	2	Lake plains,ground moraines,outwash plains,deltas	—	—
	Milford	2	Depressions	Yes	2,3
	Shinrock	1	Lake plains,disintegration moraines	—	—

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DdB: Del Rey silt loam, 2 to 6 percent slopes	Del Rey	91	Till plains	No	—
	Shinrock	3	Lake plains, disintegration moraines	—	—
	Milford	3	Drainageways, depressions	Yes	2,3
	Pewamo	3	Depressions, drainage ways	Yes	2,3
DeA: Del Rey silt loam, 0 to 3 percent slopes	Del Rey	85	Till plains	No	—
	Shinrock	5	Lake plains, disintegration moraines	—	—
	Milford	5	Drainageways, depressions	Yes	2,3
	rarely flooded areas	5	—	—	—
EsA: Elliott silt loam, 0 to 3 percent slopes	Elliott	88	Till plains	No	—
	Milford	12	Depressions	Yes	2,3
	thinner or lighter colored surface layer		—	—	—
EtA: Elliott silty clay loam, 0 to 3 percent slopes	Elliott	90	Till plains	No	—
	Pewamo	5	Depressions	Yes	2,3
	moderately well drained soils	5	—	—	—
FcA: Fitchville silt loam, 0 to 3 percent slopes	Fitchville	85	Lake plains, terraces	No	—
	rarely flooded areas	5	—	—	—
	Milford	5	Drainageways, depressions	Yes	2,3
	Sloan	5	Depressions, drainage ways	Yes	2
FoA: Fox loam, 0 to 2 percent slopes	Fox	90	Terraces	No	—
	Ockley	4	Terraces	—	—
	Sleeth	3	Outwash terraces, stream terraces, outwash plains	—	—
	rarely flooded areas	3	—	—	—

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FoB: Fox loam, 2 to 6 percent slopes	Fox	90	Terraces	No	—
	Glynwood	4	Ground moraines,end moraines	—	—
	Ockley	3	Terraces	—	—
	Kendallville	3	Terraces	—	—
FtA: Fulton silty clay loam, 0 to 2 percent slopes	Fulton	90	Lake plains	No	—
	Latty	4	Flats	Yes	2,3
	rarely flooded areas	3	—	—	—
	Whitaker	3	Valley trains,stream terraces,outwash plains,lake plains,till plains	—	—
FtB: Fulton silty clay loam, 2 to 6 percent slopes	Fulton	90	Lake plains	No	—
	Whitaker	5	Till plains,valley trains,stream terraces,outwash plains,lake plains	—	—
	Latty	5	Drainageways,depressions	Yes	2,3
GwA: Glynwood silt loam, 0 to 2 percent slopes	Glynwood	90	Ground moraines,end moraines	No	—
	Blount	5	Flats on end moraines,rises on ground moraines,rises on end moraines,flats on ground moraines	—	—
	Milton	5	Till plains	—	—
GwD2: Glynwood silt loam, 12 to 18 percent slopes, eroded	Glynwood	90	Ground moraines,end moraines	No	—
	seeps	4	Ground moraines,end moraines	Yes	2
	slopes of 18 to 40 percent	3	—	—	—
	severely eroded areas	3	—	—	—
Gwd5C2: Glynwood clay loam, 6 to 12 percent slopes, eroded	Glynwood	75-90	End moraines	No	—
	Blount	0-9	Rises on ground moraines,flats on ground moraines	No	—
	Morley	0-9	Till plains	No	—

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Gwe1B1: Glynwood silt loam, end moraine, 2 to 6 percent slopes	Glynwood-End moraine	80-90	End moraines on till plains	No	—
	Blount-End moraine	0-12	End moraines on till plains	No	—
	Pewamo	0-9	End moraines on till plains	Yes	2
Gwe5B2: Glynwood clay loam, end moraine, 2 to 6 percent slopes, eroded	Glynwood-End moraine	80-90	End moraines on till plains	No	—
	Blount-End moraine	0-12	End moraines on till plains	No	—
	Pewamo	0-9	End moraines on till plains	Yes	2
Gwg1B1: Glynwood silt loam, ground moraine, 2 to 6 percent slopes	Glynwood-Ground moraine	80-90	Ground moraines on till plains	No	—
	Blount-Ground moraine	0-12	Ground moraines on till plains	No	—
	Pewamo	0-9	Ground moraines on till plains	Yes	2
Gwg1B2: Glynwood silt loam, ground moraine, 2 to 6 percent slopes, eroded	Glynwood-Ground moraine	80-90	Ground moraines on till plains	No	—
	Blount-Ground moraine	0-12	Ground moraines on till plains	No	—
	Pewamo	0-9	Ground moraines on till plains	Yes	2
Gwg5C2: Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	Glynwood	75-90	Ground moraines	No	—
	Blount	0-9	Flats on ground moraines	No	—
	Pewamo	0-9	Depressions on till plains	Yes	2
KeB: Kendallville loam, 2 to 6 percent slopes	Kendallville	85	Moraines,kames,eskers,outwash terraces	No	—
	somewhat poorly drained soils	5	—	—	—
	Ockley	5	Terraces	—	—
	Glynwood	5	Ground moraines,end moraines	—	—
KeD2: Kendallville loam, 12 to 18 percent slopes, eroded	Kendallville	85	Outwash terraces,moraines,kames,eskers	No	—
	steep slopes	4	—	—	—

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	Glynwood	4	Ground moraines,end moraines	—	—
	Ockley	4	Terraces	—	—
	severely eroded areas	3	—	—	—
KfA: Kibbie loam, 0 to 3 percent slopes	Kibbie	85	Outwash plains,deltas,lake plains,ground moraines	No	—
	moderately well drained soils	3	—	—	—
	Milford	3	Depressions,drainage ways	Yes	2,3
	Haskins	3	Lake plains,till plains	—	—
	Colwood	3	Depressions,drainage ways	Yes	2,3
	Blount	3	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	—	—
La: Latty silty clay	Latty	90	Flats	Yes	2,3
	Fulton	5	Lake plains	No	—
	Milford	5	Lake plains	Yes	2,3
Le: Lenawee silty clay loam	Lenawee	100	Glacial lakes (relict)	Yes	2,3
	Sebring		Glacial lakes (relict)	Yes	2,3
	Bono		Glacial lakes (relict)	Yes	2,3
	Luray		Glacial lakes (relict)	Yes	2,3
Lu: Luray silty clay loam	Luray	100	Glacial lakes (relict)	Yes	2,3
	Bono		Glacial lakes (relict)	Yes	2,3
	Sebring		Glacial lakes (relict)	Yes	2,3
	Condit		Glacial lakes (relict)	Yes	2,3
	Lenawee		Glacial lakes (relict)	Yes	2,3
	Muskego		Glacial lakes (relict)	Yes	1,3
	Elliott		Till plains	No	—
	Pewamo		Glacial lakes (relict)	Yes	2,3
MaA: Martinsville loam, 0 to 2 percent slopes	Martinsville	90	Terraces	No	—
	Fitchville	4	Lake plains,terraces	—	—

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	rarely flooded areas	3	—	—	—
	Whitaker	3	Till plains, valley trains, stream terraces, outwash plains, lake plains	—	—
MaB: Martinsville loam, 2 to 6 percent slopes	Martinsville	90	Terraces	No	—
	Whitaker	10	Outwash plains, lake plains, till plains, valley trains, stream terraces	—	—
Mc: Medway silt loam, rarely flooded	Medway	80	Flood plains	No	—
	Shoals	4	Flood plains	—	—
	occasionally flooded areas	4	—	—	—
	Haney	4	Outwash plains, glacial drainage channels, outwash terraces	—	—
	Digby	4	Outwash terraces, outwash plains	—	—
	Sloan	4	Drainageways, abandoned channels	Yes	2
Md: Medway silt loam	Medway	95	Flood plains	No	—
	Sloan	5	Depressions	Yes	2
	Shoals		Flood plains	—	—
	Higher areas that are less likely to flood		—	—	—
Me: Medway clay loam, rarely flooded	Medway	80	Flood plains	No	—
	Sloan	7	Drainageways, depressions	Yes	2
	Milford	7	Drainageways, depressions	Yes	2,3
	Ockley	6	Terraces	—	—
Mf: Milford silty clay loam	Milford	90	Flats	Yes	2,3
	organic soils	3	Flats	Yes	1,3
	Latty	3	Lake plains	Yes	2,3
	rarely flooded areas	2	Flats	Yes	2,3
	Del Rey	2	Till plains	No	—
Mg: Millgrove silt loam	Millgrove	90	Depressions	Yes	2,3
	Milford	4	Depressions	Yes	2,3

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	Sleeth	3	Outwash terraces, stream terraces, outwash plains	No	—
	Shoals	3	Flood plains	No	—
	silty clay loam surface layer		Depressions	Yes	2,3
	till below 55 inches		Depressions	Yes	2,3
	rarely flooded areas		Depressions	Yes	2,3
	more clay and silt and less sand and gravel in the subsoil		Depressions	Yes	2,3
MhA: Millgrove silty clay loam, 0 to 2 percent slopes	Millgrove	95	Depressions on outwash terraces, depressions on outwash plains, drainageways on outwash terraces, drainageways on outwash plains, flats on outwash terraces, flats on outwash plains	Yes	2
	Stone	5	Outwash terraces, stream terraces, outwash plains	No	—
	more clay in the subsoil and formed in till		Flats on outwash terraces, flats on outwash plains, depressions on outwash terraces, depressions on outwash plains, drainageways on outwash terraces, drainageways on outwash plains	Yes	2
MnB: Milton silt loam, 1 to 4 percent slopes	Milton	85	Till plains	No	—
	Glynwood	8	Ground moraines, end moraines	—	—
	somewhat poorly drained soils	7	—	—	—
MrF2: Morley silt loam, 18 to 50 percent slopes, eroded	Morley	85	Till plains, moraines	No	—
	severely eroded areas	3	—	—	—

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	poorly drained soils	3	Till plains	Yes	2,3
	limestone bedrock outcrops	3	—	—	—
	Blount	3	Rises on end moraines, flats on ground moraines, flats on end moraines, rises on ground moraines	—	—
	Shoals	3	Flood plains	—	—
Mu: Muskego muck	Muskego	95	Depressions	Yes	1,3
	Milford	5	Lake plains	Yes	2,3
Ne: Newark silt loam, occasionally flooded	Newark	85	Flood plains	No	—
	Sloan	5	Abandoned channels, depressions	Yes	2
	Nolin	5	Flood plains	—	—
	frequently flooded areas	5	Flood plains	Yes	4
No: Nolin silt loam, occasionally flooded	Nolin	85	Flood plains	No	—
	frequently flooded areas	5	Flood plains	Yes	4
	Sloan	5	Depressions	Yes	2
	Newark	5	Flood plains	—	—
OcA: Ockley loam, 0 to 2 percent slopes	Ockley	90	Terraces	No	—
	Fox	4	Terraces	—	—
	Sleeth	3	Outwash terraces, stream terraces, outwash plains	—	—
	rarely flooded areas	3	—	—	—
OcB: Ockley loam, 2 to 6 percent slopes	Ockley	95	Terraces	No	—
	Fox	3	Terraces	—	—
	Kendallville	2	Kames, eskers, outwash terraces, moraines	—	—
OdB: Ockley silt loam, 2 to 6 percent slopes	Ockley	85	Terraces	No	—
	Rittman	4	Till plains	—	—
	Centerburg	4	Till plains, moraines	—	—
	Amanda	4	End moraines, ground moraines	—	—

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	Sleeth	3	Outwash plains, outwash terraces, stream terraces	—	—
	eroded areas		—	—	—
	till below 60 inches		—	—	—
	more silt in the upper subsoil		—	—	—
	subsoil not as deep		—	—	—
	thicker subsoil; more silt and clay in underlying material		—	—	—
OnUXB: Orthents, clayey-Urban land complex, 1 to 8 percent slopes	Orthents-Clayey	50-80	Till plains	No	—
	Urban land-Commercial/industrial	20-40	Till plains	Unranked	—
	Glynwood-Urban	0-9	Till plains	No	—
Pa: Paulding clay	Paulding	90	Flats	Yes	2,3
	Fulton	5	Lake plains	No	—
	Milford	5	Lake plains	Yes	2,3
Pk: Pewamo silty clay loam, 0 to 1 percent slopes	Pewamo	85	Flats on ground moraines, depressions on end moraines, depressions on ground moraines, drainage ways on end moraines, drainage ways on ground moraines, flats on end moraines	Yes	2
	Bennington	0-15	Flats on end moraines, rises on ground moraines, rises on end moraines, flats on ground moraines	No	—

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	Blount	0-15	Flats on end moraines,rises on ground moraines,rises on end moraines,flats on ground moraines	No	—
	thicker surface layer		Flats on end moraines,drainage ways on ground moraines,drainage ways on end moraines,depressions on ground moraines,depressions on end moraines,flats on ground moraines	Yes	2
	lenses of very fine sand and silt in the substratum		Depressions on end moraines,flats on ground moraines,flats on end moraines,drainage ways on ground moraines,drainage ways on end moraines,depressions on ground moraines	Yes	2
	thinner surface layer		Drainageways on end moraines,depressions on ground moraines,depressions on end moraines,flats on ground moraines,flats on end moraines,drainage ways on ground moraines	Yes	2
Pm: Pewamo silty clay loam	Pewamo	90	Flats	Yes	2,3
	Bennington	4	Rises on ground moraines,rises on end moraines,flats on ground moraines,flats on end moraines	No	—
	Blount	3	Rises on end moraines,flats on ground moraines,flats on end moraines,rises on ground moraines	No	—
	soils underlain by fine sand	3	Flats	Yes	2,3

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Ps: Pits, gravel	Pits	100	—	Unranked	—
Pt: Pits, quarry	Pits	100	—	Unranked	—
Ro: Rossburg silt loam, 0 to 2 percent slopes, occasionally flooded	Rossburg	85	Flood plains	No	—
	Scioto	5	Outwash terraces, stream terraces, eskers, kames	—	—
	Sloan	5	Abandoned channels on flood plains	Yes	2
	Gallman	5	Outwash plains, kames, moraines, outwash terraces	—	—
	moderately well drained soils		—	—	—
	thicker surface layer		—	—	—
Sa: Saranac silty clay loam, occasionally flooded	Saranac	85	Flood plains	Yes	2
	organic soils	4	Flood plains	Yes	1,3
	Fitchville	4	Lake plains, terraces	No	—
	Del Rey	4	Till plains	No	—
	Whitaker	3	Outwash plains, lake plains, till plains, valley trains, stream terraces	No	—
Sc: Saranac silty clay loam, frequently flooded	Saranac	90	Flood plains	Yes	2,4
	organic soils	10	Flood plains	Yes	1,3,4
ShB: Shinrock silt loam, 2 to 6 percent slopes	Shinrock	90	Terraces	No	—
	Milford	5	Drainageways, depressions	Yes	2,3
	Del Rey	5	Till plains	—	—
ShC2: Shinrock silt loam, 6 to 12 percent slopes, eroded	Shinrock	90	Terraces	No	—
	seeps	5	Lake plains	Yes	2
	severely eroded areas	5	—	—	—
Sj: Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	Shoals	80-100	Flood plains	No	—
	Sloan	0-9	Flood plains	Yes	2
	Eel	0-9	Flood plains	No	—

Hydric Soil List - All Components--OH101-Marion County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
SkA: Sleeth loam, 0 to 3 percent slopes	Sleeth	85	Outwash terraces, stream terraces, outwash plains	No	—
	Bennington	3	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	—	—
	Blount	3	Rises on ground moraines, rises on end moraines, flats on ground moraines, flats on end moraines	—	—
	Westland	3	Drainageways, depressions	Yes	2,3
	moderately well drained soils	3	—	—	—
	rarely flooded areas	3	—	—	—
SmA: Sleeth silt loam, loamy substratum, 0 to 3 percent slopes	Sleeth	85	Terraces, outwash plains	No	—
	Chili	3	Terraces	—	—
	Bennington	3	Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
	Blount	3	Flats on end moraines, rises on ground moraines, rises on end moraines, flats on ground moraines	—	—
	Gallman	2	Outwash plains, kames, moraines, outwash terraces	—	—
	moderately well drained soils	2	—	—	—
	Millgrove	2	Depressions	Yes	2
	slopes of 3 to 6 percent		—	—	—
	till below 48 inches		—	—	—
	less sand in the subsoil		—	—	—
	darker colored surface layer		—	—	—

Hydric Soil List - All Components--OH101-Marion County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
So: Sloan silty clay loam, occasionally flooded	Sloan	85	Depressions	Yes	2
	organic soils	8	Depressions	Yes	1,3
	Newark	7	Flood plains	No	—
Sp: Sloan silty clay loam, till substratum, 0 to 2 percent slopes, occasionally flooded	Sloan	85	Flats on flood plains,backswamps on flood plains,abandoned channels on flood plains	Yes	2
	Pewamo	8	Depressions on ground moraines,depressions on end moraines,flats on ground moraines,flats on end moraines,drainage ways on ground moraines,drainage ways on end moraines	Yes	2
	Shoals	7	Flood plains	No	—
	frequently flooded areas		Flats on flood plains,backswamps on flood plains,abandoned channels on flood plains	Yes	2
	till substratum at a depth of more than 80 inches		Flats on flood plains,backswamps on flood plains,abandoned channels on flood plains	Yes	2
	lighter colored surface layer		Backswamps on flood plains,abandoned channels on flood plains,flats on flood plains	Yes	2
St: Stone clay loam, 0 to 2 percent slopes, rarely flooded	Stone	85	Outwash terraces,stream terraces,outwash plains	No	—
	Millgrove	8	Depressions on outwash terraces,depressions on outwash plains,depressions on stream terraces	Yes	2

Hydric Soil List - All Components--OH101-Marion County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Scioto	7	Outwash terraces, stream terraces, eskers, kames	—	—
	lighter colored surface layer		—	—	—
	limestone bedrock at a depth of 60 to 80 inches		—	—	—
TrB: Tiro silt loam, 2 to 6 percent slopes	Tiro	94	Till plains	No	—
	Sebring	2	Depressions	Yes	2,3
	Condit	2	Depressions	Yes	2,3
	Luray	2	Depressions	Yes	2,3
	Bennington		Flats on ground moraines, flats on end moraines, rises on ground moraines, rises on end moraines	—	—
	Fitchville		Lake plains, terraces	—	—
	Kibbie		Lake plains, ground moraines, outwash plains, deltas	—	—
TyUXA: Typic Endoaquents-Urban land complex, till substratum, 0 to 3 percent slopes	Typic Endoaquents-Till substratum	40-70	Till plains	Yes	2
	Urban land-Residential	20-50	Till plains	Unranked	—
	Pewamo-Urban	0-9	Depressions, till plains, ground moraines	Yes	2
UAzXA: Urban land-Aquents, clayey, complex, 0 to 3 percent slopes	Urban land-Commercial/industrial	50-75	Till plains	Unranked	—
	Aquents-Clayey	20-50	Depressions, till plains	Yes	2,3
	Orthents-Clayey	0-9	Till plains	No	—
Ud: Udorthents, loamy	Udorthents	80	—	No	—
	debris	10	—	—	—
	shallow fill over undisturbed soils	10	—	—	—
UEBXA: Urban land-Aeric Epiaquents-Blount complex, 0 to 3 percent slopes	Urban land-Residential	30-60	Till plains	Unranked	—
	Aeric Epiaquents-Till substratum	25-45	Till plains	No	—

Hydric Soil List - All Components--OH101-Marion County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Blount-Urban	10-30	Flats,till plains	No	—
	Typic Endoaquents-Till substratum	0-9	Till plains	Yes	2
UFGXB: Urban land-Alfic Udarents-Glynwood complex, 1 to 8 percent slopes	Urban land-Residential	30-60	Till plains	Unranked	—
	Alfic Udarents-Till substratum	20-45	Till plains	No	—
	Glynwood-Urban	10-30	Till plains,ground moraines	No	—
	Aeric Epiaquents-Till substratum	0-9	Till plains	No	—
UOrXB: Urban land-Orthents, clayey, complex, 1 to 8 percent slopes	Urban land-Commercial/industrial	50-75	Till plains	Unranked	—
	Orthents-Clayey	20-50	Till plains	No	—
	Aquents-Clayey	0-9	Depressions,till plains	Yes	2,3
Ur: Urban land	Urban land-Commercial/industrial	90-100	Till plains	Unranked	—
	Orthents-Clayey	0-10	Till plains	No	—
UTWXA: Urban land-Typic Endoaquents-Pewamo complex, 0 to 3 percent slopes	Urban land-Residential	30-50	Till plains	Unranked	—
	Typic Endoaquents-Till substratum	20-45	Till plains	Yes	2
	Pewamo-Urban	10-30	Depressions,till plains,ground moraines	Yes	2
	Aeric Epiaquents-Till substratum	0-9	Till plains	No	—
W: Water	Water	100	—	Unranked	—
We: Westland clay loam	Westland	90	Stream terraces	Yes	2,3
	Sleeth	4	Stream terraces,outwash plains,outwash terraces	No	—
	rarely flooded areas	3	Stream terraces	Yes	2,3
	Whitaker	3	Outwash plains,lake plains,till plains,valley trains,stream terraces	No	—

Hydric Soil List - All Components--OH101-Marion County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WhA: Whitaker loam, 0 to 3 percent slopes	Whitaker	85	Outwash plains,lake plains,till plains,valley trains,stream terraces	No	—
	Milford	3	Drainageways,depressions	Yes	2,3
	Bennington	3	Flats on end moraines,rises on ground moraines,rises on end moraines,flats on ground moraines	—	—
	Pewamo	3	Depressions,drainage ways	Yes	2,3
	rarely flooded areas	2	—	—	—
	Martinsville	2	Terraces	—	—
	moderately well drained soils	2	—	—	—

### Data Source Information

Soil Survey Area: Marion County, Ohio  
 Survey Area Data: Version 16, Sep 19, 2014