

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--OH113-Montgomery County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
Ag: Algiers silt loam	Algiers	90	Alluvial fans, flood plains	No	—
	Sloan	5	Sloughs on flood plains, depressions on flood plains	Yes	2,3,4
	Westland	5	Depressions on terraces	Yes	2,3,4
Bo: Borrow pits	Borrow pits	100	—	Unranked	—
Bp: Brookston silt loam	Brookston	93	Flats on ground moraines, depressions on ground moraines	Yes	2,3
	Crosby	5	Till plains	No	—
	Dark surface, somewhat poorly drained soil	2	—	No	—
	Brookston overwash		Flats on ground moraines, depressions on ground moraines	Yes	2,3
Br: Brookston silt loam, overwash	Brookston	100	Flats on ground moraines, depressions on ground moraines	Yes	2,3
Bs: Brookston silty clay loam, fine texture, 0 to 2 percent slopes	Brookston	85-95	Ground moraines	Yes	2,3
	Celina	0-5	Till plains	No	—
	Crosby	5-10	Till plains	No	—
Bu: Brookston-Urban land complex	Brookston	45	Flats on ground moraines, depressions on ground moraines	Yes	2,3
	Urban land	40	Flats on ground moraines, depressions on ground moraines	Unranked	—
	Crosby	10	Till plains	No	—
	Fincastle	5	Till plains	No	—
Ca: Carlisle muck	Carlisle	95	Potholes on lakebeds (relict)	Yes	1,3
	Mineral overwash soil	5	Potholes on lakebeds (relict)	Yes	1,3
	Muck less than 50 inches thick		Potholes on lakebeds (relict)	Yes	1,3

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
CeA: Celina silt loam, 0 to 2 percent slopes	Celina	90	Moraines	No	—
	Crosby	5	Till plains	—	—
	Brookston	5	Depressions on ground moraines	Yes	2,3
CeB: Celina silt loam, 2 to 6 percent slopes	Celina	85-90	Till plains	No	—
	Crosby	0-5	Till plains	No	—
	Kokomo	0-5	Depressions on till plains	Yes	2,3
	Brookston	0-5	Depressions	Yes	2,3
CeB2: Celina silt loam, 2 to 6 percent slopes, moderately eroded	Celina	95	Moraines	No	—
	Brookston	5	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Slightly eroded areas		—	—	—
	Miamian		Till plains	—	—
	CIB: Celina bouldery silt loam, 2 to 6 percent slopes	Celina	96	Ridges on moraines	No
CoA: Corwin silt loam, 0 to 2 percent slopes	Brookston	4	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Eroded areas		—	—	—
	Miamian		Till plains	—	—
CoB: Corwin silt loam, 2 to 6 percent slopes	Corwin	95	Ground moraines	No	—
	Brookston	5	Depressions on ground moraines	Yes	2,3
	Celina		Moraines, till plains	—	—
CoB: Corwin silt loam, 2 to 6 percent slopes	Corwin	95	Ground moraines	No	—
	Brookston	5	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Slopes of 6 to 12 percent		—	—	—
	Moderately deep somewhat poorly drained soils		—	—	—

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	Well drained soils		—	—	—
CpB: Crosby-Celina silt loams, 2 to 4 percent slopes	Crosby	50	Rises on till plains	No	—
	Celina	40	Rises on till plains	No	—
	Kokomo	10	Depressions on till plains	Yes	2,3
CsA: Crosby silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	Crosby	80-100	Ground moraines, recessional moraines, water-lain moraines	No	—
	Kokomo-Drained	0-10	Swales, depressions, water-lain moraines	Yes	2,3
	Celina-Eroded	0-10	Ground moraines, recessional moraines, water-lain moraines	No	—
	Miamian-Eroded	0-10	Ground moraines, recessional moraines, water-lain moraines	No	—
CtA: Crosby-Celina silt loams, 0 to 2 percent slopes	Crosby	60	Flats on till plains	No	—
	Celina	30	Flats on till plains	No	—
	Kokomo	10	Depressions on till plains	Yes	2,3
CtB: Crosby-Celina silt loams, 2 to 6 percent slopes	Crosby	55	Upland slopes on ground moraines, broad interstream divides on ground moraines, knolls on ground moraines	No	—
	Celina	35	Ridges on moraines	No	—
	Brookston	10	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
Cu: Crosby-Urban land complex	Crosby	55	Ground moraines	No	—
	Urban land	35	Ground moraines	Unranked	—
	Brookston	5	Depressions on ground moraines	Yes	2,3
	Xenia	5	Till plains	—	—
	Fincastle		Till plains	—	—
CvA: Crosby-Lewisburg silt loams, 0 to 2 percent slopes	Crosby	60	Flats on till plains	No	—
	Lewisburg	30	Flats on till plains	No	—

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	Kokomo	10	Depressions on till plains	Yes	2,3
DaB: Dana silt loam, 2 to 6 percent slopes	Dana	95	Hillslopes on ground moraines	No	—
	Brookston	5	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Better drained soils		—	—	—
	Nearly level soils		—	—	—
EeA: Eel silt loam, gravelly substratum, 0 to 1 percent slopes, occasionally flooded	Eel	85	Flood plains	No	—
	Stonelick	5	Flood plains	—	—
	Sloan	5	Flood plains	Yes	2,3,4
	Rosburg	5	Flood plains	—	—
EmA: Eldean silt loam, 0 to 2 percent slopes	Eldean	75	Flats	No	—
	Lippincott	7	Depressions, drainage ways	Yes	2,3
	Savona	6	Outwash plains, terraces	—	—
	Ockley	6	Terraces	—	—
	Westland	6	Depressions	Yes	2,3
EmB: Eldean silt loam, 2 to 6 percent slopes	Eldean	85	Knolls	No	—
	Ockley	5	Terraces	—	—
	Lippincott	5	Depressions, drainage ways	Yes	2,3
	Savona	5	Draws	No	—
FaE2: Fairmount silty clay loam, 12 to 25 percent slopes, moderately eroded	Fairmount	100	Ridges, hillsides	No	—
	Milton		Till plains	—	—
	Ritchey		Till plains	—	—
	Slopes of 6 to 12 percent		—	—	—
	Bedrock at 20 to 36 inches		—	—	—
	Severely eroded areas		—	—	—

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FaF2: Fairmount silty clay loam, 25 to 50 percent slopes, moderately eroded	Fairmount	100	Hillsides	No	—
	Slightly eroded areas; 10-15 percent flagstones on surface		—	—	—
	Ritchey		Till plains	—	—
FcA: Fincastle silt loam, 0 to 4 percent slopes	Fincastle	92	Ridges on ground moraines	No	—
	Brookston	4	Depressions on ground moraines	Yes	2,3
	Ragsdale	4	Till plains	Yes	2,3
	Crosby		Till plains	—	—
	Darker colored surface layer		—	—	—
FkA: Fox sandy loam, 0 to 2 percent slopes	Fox	100	Terraces	No	—
FkB: Fox sandy loam, 2 to 6 percent slopes	Fox	100	Terraces	No	—
FIA: Fox loam, 0 to 2 percent slopes	Fox	100	Terraces	No	—
	Gravelly areas		—	—	—
	Loam till at 5 to 6 feet		—	—	—
FIB: Fox loam, 2 to 6 percent slopes	Fox	100	Ridges on terraces	No	—
	Gravelly areas		—	—	—
	Moderately eroded reddish soil		—	—	—
FIC2: Fox loam, 6 to 12 percent slopes, moderately eroded	Fox	100	Terraces	No	—
	Gravelly surface layer		—	—	—
	Sandy loam surface layer		—	—	—
FmA: Fox silt loam, 0 to 2 percent slopes	Fox	100	Terraces	No	—
	Darker colored surface layer		—	—	—
	Lorenzo		Kames, outwash plains, stream terraces, moraines, v alley trains, eskers	—	—
	Loam till at 5 to 6 feet		—	—	—
	Ockley		Terraces	—	—

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FmB: Fox silt loam, 2 to 6 percent slopes	Fox	100	Terraces	No	—
	Moderately eroded soils that are droughtier and redder		—	—	—
	Lorenzo		Kames,outwash plains,stream terraces,moraines,v alley trains,eskers	—	—
	Thicker soils		—	—	—
FmC2: Fox silt loam, 6 to 12 percent slopes, moderately eroded	Fox	100	Hills,terraces	No	—
	Lorenzo		Kames,outwash plains,stream terraces,moraines,v alley trains,eskers	—	—
FmD2: Fox silt loam, 12 to 18 percent slopes, moderately eroded	Fox	95	Hills,terraces	No	—
	Severely eroded areas	3	—	—	—
	Gravelly surface layer	2	—	—	—
	Loam surface layer		—	—	—
FnA: Fox silt loam, till substratum, 0 to 2 percent slopes	Fox	90	Outwash terraces	No	—
	Ockley	5	Terraces	—	—
	Westland	5	Depressions on outwash terraces	Yes	2,3
FsC3: Fox soils, 6 to 12 percent slopes, severely eroded	Fox	95	Hills,terraces	No	—
	Gravelly loam surface layer	5	—	—	—
	Silt loam surface layer		—	—	—
	Loam surface layer		—	—	—
FuB: Fox-Urban land complex, gently sloping	Fox	50	Terraces	No	—
	Urban land	50	Terraces	Unranked	—
	Ockley		Terraces	—	—
	Warsaw		Kames,outwash plains,valley trains,terraces	—	—

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	Thackery		Stream terraces	—	—
	Wea		Kames,outwash plains,stream terraces,outwash terraces	—	—
FuC: Fox-Urban land complex, rolling	Urban land	60	Terraces	Unranked	—
	Fox	40	Terraces	No	—
	Ockley		Terraces	—	—
FuF: Fox-Urban land complex, steep	Urban land	60	Kame terraces	Unranked	—
	Fox	40	Kame terraces	No	—
	Ockley		Terraces	—	—
	Rodman		Terraces	—	—
Gp: Gravel pits	Gravel pits	100	—	Unranked	—
HeE2: Hennepin and Miamian silt loams, 18 to 25 percent slopes, moderately eroded	Hennepin	60	Valley sides,drainageways	No	—
	Miamian	40	Till plains on hillslopes	No	—
	Soils shallow to limestone		—	—	—
	Kendallville		Kames,outwash terraces,moraines, eskers	—	—
	Soils shallow to sand and gravel		—	—	—
HeF2: Hennepin and Miamian silt loams, 25 to 50 percent slopes, moderately eroded	Hennepin	60	Valley sides,drainageways	No	—
	Miamian	38	Till plains on hillslopes	No	—
	Escarpments	2	—	—	—
	Soils shallow to limestone		—	—	—
	Soils shallow to sand and gravel		—	—	—
HmF3: Hennepin and Miamian soils, 18 to 50 percent slopes, severely eroded	Hennepin	60	Valley sides,drainageways	No	—
	Miamian	40	Valley sides on drainageways	No	—
	Soils shallow to limestone		—	—	—
	Soils shallow to sand and gravel		—	—	—

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	Clay loam surface layer		—	—	—
KeA: Kendallville silt loam, 0 to 2 percent slopes	Kendallville	100	Terraces	No	—
	Fox		Terraces	—	—
	Miamian		Till plains	—	—
KeB: Kendallville silt loam, 2 to 6 percent slopes	Kendallville	100	Moraines	No	—
	Miamian		Till plains	—	—
KeC2: Kendallville silt loam, 6 to 12 percent slopes, moderately eroded	Kendallville	98	Upland slopes	No	—
	Severely eroded areas	2	—	—	—
	Miamian		Till plains	—	—
KfD2: Kendallville-Eldean silt loams, 12 to 18 percent slopes, eroded	Kendallville	50	Kames	No	—
	Eldean	30	Outwash terraces	No	—
	Miamian	10	Till plains	—	—
	Fox	5	Terraces	—	—
	Rodman	5	Terraces	—	—
KoA: Kokomo silty clay loam, 0 to 1 percent slopes	Kokomo	90	Flats on till plains, depressions on till plains	Yes	2,3
	Crosby	5	Till plains	No	—
	Celina	5	Moraines, till plains	No	—
Ld: Landes sandy loam	Landes	95	Flood plains	No	—
	Gravelly surface layer	3	—	—	—
	Sloan	2	Oxbows on flood plains	Yes	2,3,4
	Sandier surface layer		—	—	—
	Ross		Flood plains	Yes	2,3,4
LfB: Lewisburg-Celina silt loams, 2 to 6 percent slopes	Lewisburg	50	Rises on till plains	No	—
	Celina	40	Rises on till plains	No	—
	Crosby	5	Till plains	—	—
	Kokomo	5	Depressions on till plains	Yes	2,3
Lg: Lanier sandy loam	Lanier	95	Flood plains	No	—
	Ross	3	Flood plains, terraces	—	—
	Sloan	2	Oxbows on flood plains	Yes	2,3,4

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LsB: Lewisburg silt loam, 2 to 6 percent slopes	Lewisburg	95	Ridges on ground moraines	No	—
	Brookston	3	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Pymont	2	Till plains	—	—
	Eroded areas		—	—	—
LxC2: Lorenzo-Rodman complex, 4 to 12 percent slopes, moderately eroded	Lorenzo	55	Stream terraces	No	—
	Rodman	45	Stream terraces	No	—
	Deeper, lighter colored soils		—	—	—
LxD2: Lorenzo-Rodman complex, 12 to 18 percent slopes, moderately eroded	Lorenzo	55	Terraces	No	—
	Rodman	45	Terraces	No	—
	Deeper, lighter colored soils		—	—	—
Mb: Made land	Made land	100	—	Unranked	—
Md: Medway silt loam	Medway	98	Flood plains	No	—
	Sloan	2	Sloughs on flood plains, oxbows on flood plains	Yes	2,3,4
	Lighter colored surface layer		—	—	—
	Loam surface layer		—	—	—
	Gravelly substratum at a depth of as little as 30 inches		—	—	—
	Sandy substratum at a depth of as little as 30 inches		—	—	—
MfB: Miamian-Celina silt loams, 2 to 6 percent slopes	Miamian	60	Rises on till plains	No	—
	Celina	30	Rises on till plains	No	—
	Kokomo	5	Depressions on till plains	Yes	2,3
	Crosby	5	Till plains	—	—
MfB2: Miamian-Celina silt loams, 2 to 6 percent slopes, eroded	Miamian	60	Rises on till plains	No	—
	Celina	30	Rises on till plains	No	—

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	Kokomo	5	Depressions on till plains	Yes	2,3
	Crosby	5	Till plains	—	—
MgF2: Miamian-Kendallville silt loams, 25 to 50 percent slopes, eroded	Miamian	70	Till plains	No	—
	Kendallville	20	Moraines	No	—
	Hennepin	10	Till plains	—	—
MhC3: Miamian-Losantville clay loams, 6 to 12 percent slopes, severely eroded	Miamian	60	Till plains	No	—
	Losantville	30	Till plains	No	—
	Celina	5	Moraines,till plains	—	—
	Miami	5	Till plains	—	—
MhD3: Miamian-Losantville clay loams, 12 to 18 percent slopes, severely eroded	Miamian	60	Till plains	No	—
	Losantville	30	Till plains	No	—
	Miami	5	Till plains	—	—
	Celina	5	Moraines,till plains	—	—
MIA: Miamian silt loam, 0 to 2 percent slopes	Miamian	98	Moraines	No	—
	Brookston	2	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Celina		Moraines,till plains	—	—
MIB: Miamian silt loam, 2 to 6 percent slopes	Miamian	85-95	Till plains	No	—
	Crosby	0-5	Till plains	No	—
	Celina	0-5	Till plains	No	—
	Brookston	0-5	Depressions	Yes	2,3
MIB2: Miamian silt loam, 2 to 6 percent slopes, eroded	Miamian-Eroded	85-95	Ground moraines,recessionional moraines	No	—
	Kokomo	0-5	Depressions on till plains	Yes	2,3
	Celina-Eroded	0-10	Ground moraines,recessionional moraines,water-lain moraines	No	—
	Crosby	0-10	Till plains	No	—

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MIC2: Miamian silt loam, 6 to 12 percent slopes, moderately eroded	Miamian	93	Drainageways on moraines	No	—
	Brookston	3	Ground moraines on drainageways	Yes	2,3
	Severely eroded areas	3	—	—	—
	Bouldery areas	1	—	—	—
	Slightly eroded areas		—	—	—
MID2: Miamian silt loam, 12 to 18 percent slopes, moderately eroded	Miamian	100	Drainageways on moraines	No	—
MmB: Miamian bouldery silt loam, 2 to 6 percent slopes	Miamian	99	Moraines	No	—
	Brookston	1	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Celina		Moraines, till plains	—	—
MnB3: Miamian clay loam, 2 to 6 percent slopes, severely eroded	Miamian	98	Knobs on moraines	No	—
	Brookston	2	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Slopes slightly more than 6 percent		—	—	—
MnC3: Miamian clay loam, 6 to 12 percent slopes, severely eroded	Miamian-Severely eroded	90-100	Moraines, till plains	No	—
	Brookston	0-5	Till plains	Yes	2,3
	Hennepin	0-5	Valley sides, drainageways	No	—
MnD3: Miamian clay loam, 12 to 18 percent slopes, severely eroded	Miamian	95	Moraines	No	—
	Gullied areas	5	—	—	—
MoB: Miamian-Urban land complex, undulating	Miamian	59	Moraines	No	—
	Urban land	40	Moraines	Unranked	—
	Brookston	1	Flats on ground moraines, depressions on ground moraines	Yes	2,3
	Kendallville		Kames, outwash terraces, moraines, eskers	—	—

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	Xenia		Till plains	—	—
	Fincastle		Till plains	—	—
	Russell		Till plains	—	—
	Celina		Moraines, till plains	—	—
	Crosby		Till plains	—	—
MoC: Miamian-Urban land complex, rolling	Miamian	63	Moraines	No	—
	Urban land	35	Moraines	Unranked	—
	Brookston	2	Flats on ground moraines, depressions on ground moraines	Yes	2,3
	Kendallville		Kames, outwash terraces, moraines, eskers	—	—
	Russell		Till plains	—	—
MoE: Miamian-Urban land complex, steep	Miamian	60	Upland slopes	No	—
	Urban land	40	Upland slopes	Unranked	—
	Kendallville		Kames, outwash terraces, moraines, eskers	—	—
	Russell		Till plains	—	—
MrA: Millsdale silty clay loam, 0 to 3 percent slopes	Millsdale	100	Depressions	Yes	2,3
MsA: Milton silt loam, 0 to 2 percent slopes	Milton	100	Hills	No	—
	Limestone and shale substratum		—	—	—
	Miamian		Till plains	—	—
MsB: Milton silt loam, 2 to 6 percent slopes	Milton	100	Hills, valleys	No	—
	Limestone and shale substratum		—	—	—
	Miamian		Till plains	—	—
MsB2: Milton silt loam, 2 to 6 percent slopes, moderately eroded	Milton	96	Hills, valleys	No	—
	Severely eroded areas	4	—	—	—
	Limestone deeper than 40 inches		—	—	—
	Limestone and shale substratum		—	—	—

Hydric Soil List - All Components--OH113-Montgomery County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MsC2: Milton silt loam, 6 to 12 percent slopes, moderately eroded	Milton	100	Valley sides	No	—
	Miamian		Till plains	—	—
	Ritchey		Till plains	—	—
MsD2: Milton silt loam, 12 to 18 percent slopes, moderately eroded	Milton	100	Hillsides	No	—
	Ritchey		Till plains	—	—
MtD3: Milton silty clay loam, 6 to 18 percent slopes, severely eroded	Milton	95	Valley sides	No	—
	Bedrock at the surface	5	—	—	—
MuB: Milton-Urban land complex, undulating	Milton	55	Moraines	No	—
	Urban land	40	Moraines	Unranked	—
	Randolph	5	Till plains	—	—
	Ritchey		Till plains	—	—
MuC: Milton-Urban land complex, rolling	Milton	60	Moraines	No	—
	Urban land	40	Moraines	Unranked	—
	Ritchey		Till plains	—	—
	Wynn		—	—	—
MuD: Milton-Urban land complex, hilly	Milton	60	Moraines	No	—
	Urban land	40	Moraines	Unranked	—
	Fairmount		Hills, ridges	—	—
	Ritchey		Till plains	—	—
Mv: Montgomery silty clay loam	Montgomery	100	Depressions	Yes	2,3
	Westland		Terraces	Yes	2,3
	Thin layers of muck in the subsoil		Depressions	Yes	2,3
MwA: Millsdale silt loam, 0 to 2 percent slopes	Millsdale	90	Flats on outwash terraces, depressions on outwash terraces	Yes	2,3
	Randolph	10	Till plains	No	—
OcA: Ockley silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	Ockley	80-95	Outwash terraces	No	—
	Fox	0-10	Outwash plains, terraces	No	—

Hydric Soil List - All Components--OH113-Montgomery County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Eldean	0-10	Outwash terraces	No	—
	Sleeth	0-10	Stream terraces, outwash terraces	No	—
OcB: Ockley silt loam, Southern Ohio Till Plain, 2 to 6 percent slopes	Ockley	80-90	Outwash terraces	No	—
	Eldean	0-10	Outwash terraces	No	—
	Sleeth	0-10	Stream terraces, outwash terraces	No	—
	Fox	0-10	Outwash plains, terraces	No	—
PIB: Plattville silt loam, 2 to 6 percent slopes	Plattville	97	Hills	No	—
	Millsdale	3	Depressions	Yes	2,3
	Bedrock at less than 20 inches		—	—	—
	Thicker surface layer		—	—	—
	Corwin		Moraines, till plains	—	—
PIC: Plattville silt loam, 6 to 12 percent slopes	Plattville	97	Upland slopes	No	—
	Millsdale	3	Depressions	Yes	2,3
	Corwin		Moraines, till plains	—	—
	Shallower to bedrock		—	—	—
PmB: Plattville silt loam, moderately wet, 2 to 6 percent slopes	Plattville	85	Rises on till plains	No	—
	Millsdale	5	Depressions on outwash terraces	Yes	2,3
	Randolph	5	Till plains	—	—
	Milton	5	Till plains	—	—
PyA: Pyrmont silt loam, 0 to 2 percent slopes	Pyrmont	96	Ridges	No	—
	Brookston	4	Depressions	Yes	2,3
	Soils deeper to till		—	—	—
	Moderately eroded areas		—	—	—
Qu: Quarries	Quarries	100	—	Unranked	—
RaA: Rainsville silt loam, 0 to 2 percent slopes	Rainsville	85	Ground moraines	No	—
	Ockley	10	Terraces	—	—
	Miamian	5	Till plains	—	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RcA: Randolph silt loam, 0 to 2 percent slopes	Randolph	96	Hills on moraines, valley sides	No	—
	Millsdale	4	Depressions	Yes	2,3
	Crosby		Till plains	—	—
	Gently sloping areas		—	—	—
ReB: Ritchey silt loam, 2 to 6 percent slopes	Ritchey	100	Hillslopes	No	—
	Nearly level soils		—	—	—
	Bedrock at more than 20 inches		—	—	—
ReB2: Ritchey silt loam, 2 to 6 percent slopes, moderately eroded	Ritchey	95	Hillslopes	No	—
	Severely eroded soils	4	—	—	—
	Bedrock outcrops	1	—	—	—
ReC2: Ritchey silt loam, 6 to 12 percent slopes, moderately eroded	Ritchey	100	Hillslopes	No	—
	Milton		Till plains	—	—
	Slightly eroded areas		—	—	—
ReE2: Ritchey silt loam, 12 to 25 percent slopes, moderately eroded	Ritchey	97	Valley sides	No	—
	Severely eroded areas	3	—	—	—
	Slightly eroded areas		—	—	—
ReF2: Ritchey silt loam, 25 to 50 percent slopes, moderately eroded	Ritchey	95	Valley sides, hillsides	No	—
	Severely eroded soils	3	—	—	—
	Bedrock outcrops	2	—	—	—
RfD3: Ritchey silty clay loam, 6 to 18 percent slopes, severely eroded	Ritchey	98	Valley sides	No	—
	Bedrock outcrops	2	—	—	—
	Gullied areas		—	—	—
Rh: Riverwash	Riverwash	100	Flood plains	Unranked	—
RIE2: Rodman and Fox soils, 18 to 25 percent slopes, moderately eroded	Rodman	50	Stream terraces, hills	No	—
	Fox	45	Stream terraces, hills	No	—
	Severely eroded areas	5	—	—	—
	Gravelly loam surface layer		—	—	—

Hydric Soil List - All Components--OH113-Montgomery County, Ohio					
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RIF2: Rodman and Fox soils, 25 to 50 percent slopes, moderately eroded	Rodman	50	Stream terraces,hills	No	—
	Fox	45	Stream terraces,hills	No	—
	Severely eroded areas	5	—	—	—
	Gravelly loam surface layer		—	—	—
RpA: Rossburg silt loam, moderately wet, sandy substratum, 0 to 1 percent slopes, occasionally flooded	Rossburg	85	Flood plains	No	—
	Stonelick	10	Flood plains	—	—
	Sloan	5	Flood plains	Yes	2,3,4
Rs: Ross silt loam	Ross	97	Flood plains	No	—
	Sloan	3	Sloughs on flood plains,oxbows on flood plains	Yes	2,3,4
	Lighter colored sandy loam surface layer		—	—	—
	Sandy or gravelly substratum as shallow as 36 inches		—	—	—
Rt: Ross-Urban land complex	Urban land	50	Flood plains	Unranked	—
	Ross	48	Flood plains	No	—
	Sloan	2	Oxbows on flood plains	Yes	2,3,4
	Landes		Flood plains	—	—
	Medway		Flood plains	—	—
RuB: Russell silt loam, 2 to 6 percent slopes	Russell	98	Hillslopes on moraines,ridges on moraines	No	—
	Ragsdale	2	Depressions on ground moraines,drainage ways on ground moraines	Yes	2,3
	Moderately eroded areas		—	—	—
	Nearly level areas		—	—	—
	Miamian		Till plains	—	—
	Calcareous silty substratum		—	—	—
RvC2: Russell-Miamian silt loams, 6 to 12 percent slopes, moderately eroded	Russell	55	Hillslopes on moraines	No	—
	Miamian	43	Hillslopes on moraines	No	—

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Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	Brookston	2	Depressions on ground moraines, drainage ways on ground moraines	Yes	2,3
	Slightly eroded areas		—	—	—
RvD2: Russell-Miamian silt loams, 12 to 18 percent slopes, moderately eroded	Russell	55	Hillslopes on moraines	No	—
	Miamian	40	Hillslopes on moraines	No	—
	Severely eroded areas	5	—	—	—
Sh: Shoals silt loam	Shoals	95	Flood plains	No	—
	Sloan	5	Sloughs on flood plains, oxbows on flood plains	Yes	2,3,4
	Loam surface layer		—	—	—
Sn: Sloan silt loam, sandy substratum, occasionally flooded	Sloan	85	Flood-plain steps	Yes	2,3
	Ross	10	Flood plains, terraces	No	—
	Adrian	5	Depressions	Yes	1,3
So: Sloan silt loam	Sloan	100	Depressions on flood plains	Yes	2,3,4
	Sand and gravel at 35 to 40 inches		Depressions on flood plains	Yes	2,3,4
	Developed areas		—	—	—
	Calcareous throughout		Depressions on flood plains	Yes	2,3,4
StA: Stonelick loam, gravelly substratum, 0 to 1 percent slopes, frequently flooded	Stonelick	90	Flood plains	No	—
	Rosburg	10	Flood plains	—	—
ThA: Thackery silt loam, till substratum, 0 to 2 percent slopes	Thackery	97	Terraces	No	—
	Westland	3	Depressions	Yes	2,3
	Slopes of 2 to 4 percent		—	—	—
TpA: Tippecanoe silt loam, 0 to 2 percent slopes	Tippecanoe	95	Stream terraces	No	—
	Westland	3	Depressions, drainage ways	Yes	2,3
	Sloan	2	Depressions on flood plains	Yes	2,3,4
Ua: Urban land, alluvial	Urban land	100	Flood plains	Unranked	—

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Ud: Udorthents	Udorthents	100	—	Unranked	—
Ug: Urban land, gravelly material	Urban land	100	Terraces	Unranked	—
Um: Urban land, loamy material	Urban land	100	Moraines	Unranked	—
Un: Udorthents	Udorthents	100	—	Unranked	—
W: Water	Water	100	—	Unranked	—
WaA: Warsaw silt loam, 0 to 2 percent slopes	Warsaw	100	Terraces	No	—
	Surface layer 20 to 25 inches thick		—	—	—
	Wea		Kames,outwash plains,stream terraces,outwash terraces	—	—
WaB: Warsaw silt loam, 2 to 6 percent slopes	Warsaw	100	Terraces	No	—
	Surface layer 20 to 25 inches thick		—	—	—
	Wea		Kames,outwash plains,stream terraces,outwash terraces	—	—
WeA: Wea silt loam, 0 to 2 percent slopes	Wea	100	Terraces	No	—
	Surface layer 20 to 25 inches thick		—	—	—
	Warsaw		Kames,outwash plains,valley trains,terraces	—	—
WeB: Wea silt loam, 2 to 6 percent slopes	Wea	100	Terraces	No	—
	Warsaw		Kames,outwash plains,valley trains,terraces	—	—
	Surface layer 20 to 25 inches thick		—	—	—
Ws: Westland silty clay loam	Westland	100	Depressions	Yes	2,3
	Loam till substratum at 70 to 80 inches		Depressions	Yes	2,3
	Clay or silty clay subsoil		Depressions	Yes	2,3
WyB2: Wynn silt loam, 2 to 6 percent slopes, moderately eroded	Wynn	100	Hills on moraines	No	—
	Slightly eroded areas		—	—	—
	Milton		Till plains	—	—

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XeA: Xenia silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes	Xenia	85-95	Till plains	No	—
	Treaty	0-5	Depressions,till plains	Yes	2
	Celina	0-5	Till plains	No	—
	Fincastle	0-5	Till plains	No	—
XeB: Xenia silt loam, 2 to 6 percent slopes	Xenia	97	Rises on moraines	No	—
	Brookston	3	Drainageways	Yes	2,3
	Celina		Moraines,till plains	—	—
	Fincastle		Till plains	—	—

Data Source Information

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