

## 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.  
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- 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—OH153-Summit County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
BeF: Berks channery silt loam, 25 to 70 percent slopes	Berks	90	Valley sides	No	—
	slopes less than 25 percent	4	—	—	—
	areas where rock is exposed	3	—	—	—
	areas with more clay in the subsoil	3	—	—	—
BgA: Bogart loam, 0 to 2 percent slopes	Bogart	85	Outwash terraces	No	—
	Jimtown	5	Terraces	—	—
	areas with a loam surface	5	—	—	—
	Glenford	5	Terraces,lake plains	—	—
BgB: Bogart loam, 2 to 6 percent slopes	Bogart	85	Outwash terraces	No	—
	Glenford	5	Terraces,lake plains	—	—
	areas with a silt loam surface	5	—	—	—
	Chili	5	Terraces	—	—
BhB: Bogart-Haskins loams, 2 to 6 percent slopes	Bogart	50	Outwash terraces	No	—
	Haskins	40	Terraces	No	—
	Jimtown	10	Terraces	—	—
Ca: Canadice silty clay loam	Canadice	95	Depressions on terraces	Yes	2,3
	Caneadea	5	Rises	No	—
Cb: Chagrin loam, alkaline phase	Chagrin	100	Flood plains	No	—
	sandy loam surface layer		—	—	—
CcA: Caneadea silt loam, 0 to 2 percent slopes	Caneadea	95	Terraces	No	—
	Canadice	5	Depressions on terraces,drainageways on terraces	Yes	2,3
CcB: Caneadea silt loam, 2 to 6 percent slopes	Caneadea	85	Terraces	No	—
	soils with a silt mantle	4	—	—	—
	Geeburg	4	Moraines,till plains	—	—
	Glenford	4	Terraces,lake plains	—	—

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	Canadice	3	Depressions on terraces, drainage ways on terraces	Yes	2,3
CdA: Canfield silt loam, 0 to 2 percent slopes	Canfield	85	Till plains	No	—
	Ravenna	10	Till plains	No	—
	Chili	5	Till plains	No	—
CdB: Canfield silt loam, 2 to 6 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CdC: Canfield silt loam, 6 to 12 percent slopes	Canfield	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CdC2: Canfield silt loam, 6 to 12 percent slopes, eroded	Canfield-Eroded	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
Ce: Canadice silt loam	Canadice	100	Depressions	Yes	2
	Lorain		Depressions	Yes	2
CeB: Canfield silt loam, sandstone substratum, 2 to 6 percent slopes	Canfield-Sandstone substratum	90	Till plains	No	—
	Ravenna	10	Till plains	No	—
CfB: Canfield-Urban land complex, 2 to 6 percent slopes	Canfield	45	Till plains	No	—
	Urban land	35	—	Unranked	—
	Ravenna	10	Till plains	No	—
	Udorthents	10	—	Unranked	—
CfC: Canfield-Urban land complex, 6 to 12 percent slopes	Canfield	50	Till plains	No	—
	Urban land	40	—	Unranked	—
	Udorthents	10	—	Unranked	—
Cg: Carlisle muck	Carlisle	90	Kettles,bogs	Yes	1,3
	areas with a thinner layer of organic material	5	Kettles,bogs	Yes	1,3
	areas with an overwash of mineral material	5	Kettles,bogs	Yes	1,3
Ch: Chagrin silt loam	Chagrin	95	Flood plains	No	—
	areas underlain by bedrock, fragments or gr sand	5	—	—	—

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Ck: Chagrin silt loam, alkaline	Chagrin	95	Flood plains	No	—
	wetter areas	3	—	—	—
	areas of moderately well drained soils	2	—	—	—
Cm: Chagrin-Urban land complex	Chagrin	70	Flood plains	No	—
	Urban Land	30	—	No	—
CnA: Chili loam, 0 to 2 percent slopes	Chili	95	Outwash terraces	No	—
	Bogart	3	Terraces	—	—
	gravelly soils	2	—	—	—
CnB: Chili loam, 2 to 6 percent slopes	Chili	85	Outwash terraces	No	—
	steeper areas	5	—	—	—
	areas with a different surface texture	5	—	—	—
	areas with clay loam till within 3 to 4 feet	5	—	—	—
CnC: Chili loam, 6 to 12 percent slopes	Chili	95	Kames,terraces	No	—
	eroded areas	5	—	—	—
CoC: Chili gravelly loam, 6 to 12 percent slopes	Chili	100	Terraces	No	—
	eroded areas with very gravelly surface layer		—	—	—
	boulders in the subsoil and underlying material		—	—	—
	Conotton		Terraces	—	—
CoC2: Chili gravelly loam, 6 to 12 percent slopes, moderately eroded	Chili	90	Kames,terraces	No	—
	Wooster	4	Moraines,till plains	—	—
	areas with more gravel in the surface layer	3	—	—	—
CoD2: Chili gravelly loam, 12 to 18 percent slopes, moderately eroded	areas with less gravel in the surface layer	3	—	—	—
	Chili	85	Terraces	No	—
	Wooster	5	Moraines,till plains	—	—
	Oshtemo	5	Terraces	—	—
	areas that lack a gravelly surface	5	—	—	—

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CoE2: Chili gravelly loam, 12 to 25 percent slopes, moderately eroded	Chili	100	Terraces	No	—
	areas that lack gravel		—	—	—
CpA: Chili silt loam, 0 to 2 percent slopes	Chili	95	Terraces	No	—
	Wheeling	5	Terraces	—	—
CpB: Chili silt loam, 2 to 6 percent slopes	Chili	95	Terraces	No	—
	steeper, eroded soils	5	—	—	—
CpC: Chili silt loam, 6 to 12 percent slopes	Chili	95	Terraces	No	—
	moderately eroded areas	3	—	—	—
	gravelly areas	2	—	—	—
CpC2: Chili silt loam, 6 to 12 percent slopes, moderately eroded	Chili	100	Terraces	No	—
	layers of till in the subsoil or underlying material		—	—	—
CsB: Conotton gravelly loam, 2 to 6 percent slopes	Conotton	100	Terraces	No	—
	Bogart		Terraces	—	—
	non-gravelly surface layer		—	—	—
CsC: Conotton gravelly loam, 6 to 12 percent slopes	Conotton	100	Terraces	No	—
	Bogart		Terraces	—	—
CsD2: Conotton gravelly loam, 12 to 18 percent slopes, moderately eroded	Conotton	100	Terraces	No	—
CtF2: Chili and Conotton gravelly loams, 25 to 50 percent slopes, moderately eroded	Chili	50	Terraces	No	—
	Conotton	50	Terraces	No	—
	boulders in the subsoil		—	—	—
CuB: Chili-Urban land complex, undulating	Chili	70	Terraces	No	—
	Urban Land	30	—	No	—
CuC: Chili-Urban land complex, rolling	Chili	70	Kames,terraces	No	—
	Urban land	30	—	No	—

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CvF: Chili-Oshtemo complex, 25 to 50 percent slopes	Chili	55	Terraces	No	—
	Oshtemo	45	Terraces	No	—
		moderately eroded areas with 30-40% gravel in the subsoil		—	—
CwC2: Chili-Wooster complex, 6 to 12 percent slopes, moderately eroded	Chili	50	—	No	—
	Wooster	30	—	No	—
	Wheeling	10	Terraces	—	—
	Glenford	10	Terraces,lake plains	—	—
CwD2: Chili-Wooster complex, 12 to 18 percent slopes, moderately eroded	Chili	50	—	No	—
	Wooster	30	—	No	—
	Glenford	10	Terraces,lake plains	—	—
	Wheeling	10	Terraces	—	—
CwE2: Chili-Wooster complex, 18 to 25 percent slopes, moderately eroded	Chili	50	—	No	—
	Wooster	30	—	No	—
	Glenford	10	Terraces,lake plains	—	—
	Wheeling	10	Terraces	—	—
CyD: Conotton-Oshtemo complex, 12 to 18 percent slopes	Conotton	60	Kames	No	—
	Oshtemo	30	Kames	No	—
	Chili	10	Terraces	—	—
CyE: Conotton-Oshtemo complex, 18 to 25 percent slopes	Conotton	60	Kames,valley sides	No	—
	Oshtemo	30	Kames,valley sides	No	—
	Chili	10	Terraces	—	—
CyF: Conotton-Oshtemo complex, 25 to 50 percent slopes	Conotton	60	Kames,valley sides	No	—
	Oshtemo	30	Kames,valley sides	No	—
	Chili	10	Terraces	—	—
Da: Damascus loam	Damascus	90	Outwash terraces	Yes	2,3
	Olmsted	5	Depressions	Yes	2,3
	Sebring	5	Terraces	Yes	2,3
DkC: Dekalb sandy loam, 6 to 12 percent slopes	Dekalb	90	Hillsides	No	—
	Loudonville	5	Hills	—	—

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	eroded soils	5	—	—	—
DkD: Dekalb sandy loam, 12 to 18 percent slopes	Dekalb	85	Hillsides	No	—
	moderately eroded areas	5	—	—	—
	Loudonville	5	Hills	—	—
	areas with stony sandy loam on the surface	5	—	—	—
DkE: Dekalb sandy loam, 18 to 25 percent slopes	Dekalb	85	Hillsides	No	—
	sandstone ledges	10	—	—	—
	moderately eroded areas	3	—	—	—
	areas with a stony surface layer	2	—	—	—
DkF: Dekalb sandy loam, 25 to 70 percent slopes	Dekalb	90	Escarments	No	—
	areas of sandstone colluvium	5	—	—	—
	areas with a stony surface layer	5	—	—	—
EhD2: Ellsworth silt loam, 12 to 18 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Mahoning	5	Till plains	No	—
	Brecksville-Eroded	5	Till plains	No	—
EIB: Ellsworth silt loam, 2 to 6 percent slopes	Ellsworth	85	Till plains	No	—
	Mahoning	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EIB2: Ellsworth silt loam, 2 to 6 percent slopes, eroded	Ellsworth-Eroded	85	Till plains	No	—
	Mahoning-Eroded	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EIC: Ellsworth silt loam, 6 to 12 percent slopes	Ellsworth	90	Till plains	No	—
	Mahoning	10	Till plains	No	—
EIC2: Ellsworth silt loam, 6 to 12 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Mahoning-Eroded	10	Till plains	No	—
EIE2: Ellsworth silt loam, 12 to 25 percent slopes, eroded	Ellsworth-Eroded	90	Till plains	No	—
	Brecksville-Eroded	10	Till plains	No	—

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EIF: Ellsworth silt loam, 25 to 70 percent slopes	Ellsworth	85	Till plains	No	—
	Brecksville	15	Till plains	No	—
EIF2: Ellsworth silt loam, 25 to 50 percent slopes, eroded	Ellsworth-Eroded	85	Till plains	No	—
	Brecksville-Eroded	15	Till plains	No	—
EsB: Ellsworth silt loam, sandstone substratum, 2 to 6 percent slopes	Ellsworth-Sandstone substratum	85	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
	Mahoning	5	Till plains	No	—
	Loudonville	5	Till plains	No	—
EsC: Ellsworth silt loam, sandstone substratum, 6 to 12 percent slopes	Ellsworth-Sandstone substratum	85	Till plains	No	—
	Mahoning	10	Till plains	No	—
	Loudonville	5	Till plains	No	—
EuB: Ellsworth-Urban land complex, 2 to 6 percent slopes	Ellsworth	45	Till plains	No	—
	Urban land	30	—	Unranked	—
	Udorthents	10	—	Unranked	—
	Mahoning	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
EuC: Ellsworth-Urban land complex, 6 to 18 percent slopes	Ellsworth	55	Till plains	No	—
	Urban land	30	—	Unranked	—
	Udorthents	10	—	Unranked	—
	Mahoning	5	Till plains	No	—
FcA: Fitchville silt loam, 0 to 2 percent slopes	Fitchville	90	Stream terraces,glacial lakes	No	—
	areas underlain by fine sandy loam or loam	5	—	—	—
	Sebring	5	Depressions on stream terraces,depressions on glacial lakes,drainageways on stream terraces,drainageways on glacial lakes	Yes	2,3
FcB: Fitchville silt loam, 2 to 6 percent slopes	Fitchville	90	Terraces,alluvial fans	No	—
	Glenford	5	Terraces,lake plains	—	—

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	areas underlain by fine sandy loam or loam	5	—	—	—
FIA: Fitchville silt loam, low terrace, 0 to 2 percent slopes	Fitchville	95	Terraces,lake plains	No	—
	Sebring	5	Depressions,drainage ways	Yes	2
	stratified soils with more clayey or loamy profiles		—	—	—
	areas with a weakly developed profile		—	—	—
Fn: Fitchville-Urban land complex	Fitchville	65	Stream terraces,glacial lakes	No	—
	Urban Land	30	—	No	—
	Sebring	5	Depressions on glacial lakes,depressions on stream terraces,drainageways on glacial lakes,drainageways on stream terraces	Yes	2,3
Fr: Frenchtown silt loam	Frenchtown	100	Flats	Yes	2,3
GbB: Geeburg silt loam, 2 to 6 percent slopes	Geeburg	85	Ridges	No	—
	Ellsworth	5	Till plains	—	—
	Glenford	5	Terraces,lake plains	—	—
	moderately eroded soils	5	—	—	—
GbC: Geeburg silt loam, 6 to 18 percent slopes	Geeburg	100	Moraines,till plains	No	—
	Rawson		Outwash plains,lake plains,till plains	—	—
	severely eroded areas		—	—	—
	Ellsworth		Till plains	—	—
GbC2: Geeburg silt loam, 6 to 12 percent slopes, moderately eroded	Geeburg	85	Hillsides	No	—
	areas that are not eroded	5	—	—	—
	Glenford	5	Terraces,lake plains	—	—
	Ellsworth	5	Till plains	—	—
GbD2: Geeburg silt loam, 12 to 18 percent slopes, moderately eroded	Geeburg	90	Hillsides	No	—
	uneroded soils	10	—	—	—

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GfA: Glenford silt loam, 0 to 2 percent slopes	Glenford	100	Terraces	No	—
GfB: Glenford silt loam, 2 to 6 percent slopes	Glenford	90	Terraces	No	—
	Fitchville	4	Terraces,lake plains	—	—
	Ellsworth	3	Till plains	—	—
	Geeburg	3	Moraines,till plains	—	—
GfC2: Glenford silt loam, 6 to 12 percent slopes, moderately eroded	Glenford	85	Drainageways	No	—
	Ellsworth	4	Till plains	—	—
	Geeburg	4	Moraines,till plains	—	—
	uneroded areas	4	—	—	—
	areas with clayey subsoil	3	—	—	—
GfD2: Glenford silt loam, 12 to 18 percent slopes, moderately eroded	Glenford	95	Hillsides	No	—
	uneroded areas	3	—	—	—
	gullies	2	—	—	—
GoB: Glenford-Urban land complex, undulating	Glenford	70	Terraces	No	—
	Urban Land	30	—	No	—
GoC: Glenford-Urban land complex, rolling	Glenford	70	Drainageways	No	—
	Urban Land	30	—	No	—
HcB: Haskins-Caneadea complex, 2 to 6 percent slopes	Haskins	50	Rises	No	—
	Caneadea	40	Rises	No	—
	Jimtown	10	Terraces	—	—
Ho: Holly silt loam	Holly	85	Flood plains	Yes	2,4
	Sloan	4	Flood plains	Yes	2
	very dark gray surface	4	Flood plains	Yes	2,4
	Orrville	4	Flood plains	No	—
	till above 40 inches	3	Flood plains	Yes	2,4
Hy: Holly silt loam, alkaline	Holly	95	Flood plains	Yes	2,4
	Orrville	5	Flood plains	No	—
JtA: Jimtown loam, 0 to 2 percent slopes	Jimtown	85	Outwash terraces	No	—
	areas with a silt loam surface	5	—	—	—

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	Fitchville	5	Terraces,lake plains	—	—
	Damascus	5	Depressions	Yes	2
JtB: Jimtown loam, 2 to 6 percent slopes	Jimtown	90	Outwash terraces	No	—
	areas with a silt loam surface	5	—	—	—
	Fitchville	5	Terraces,lake plains	—	—
Ju: Jimtown-Urban land complex	Jimtown	65	Outwash terraces	No	—
	Urban land	30	—	No	—
	Sebring	3	Depressions on outwash terraces,drainageways on outwash terraces	Yes	2,3
	Carlisle	2	Depressions on outwash terraces	Yes	1,3
Kk: Killbuck silt loam	Killbuck	95	Flood plains	Yes	2
	Fitchville	5	Terraces,lake plains	No	—
Ld: Linwood muck	Linwood	95	Stream terraces,depressions	Yes	1,3
	areas that are strongly acid in the organic layer	5	Stream terraces,depressions	Yes	1,3
Le: Lobdell silt loam	Lobdell	90	Flood plains	No	—
	Orrville	5	Flood plains	—	—
	areas with a loam surface	5	—	—	—
Ln: Lorain silty clay loam	Lorain	85	Glacial lakes	Yes	2,3
	areas with a dark colored surface	4	Glacial lakes	Yes	2,3
	areas that are steeper	4	Glacial lakes	Yes	2,3
	mucky surface layer	4	Glacial lakes	Yes	2,3
	areas with less clay in the surface	3	Glacial lakes	Yes	2,3
LoB: Loudonville silt loam, 2 to 6 percent slopes	Loudonville	90	Hillsides	No	—
	Wooster	5	Moraines,till plains	—	—
	Rittman	5	Till plains	—	—
LoC: Loudonville silt loam, 6 to 12 percent slopes	Loudonville	95	Hillsides	No	—
	loamy or sandy surface	5	—	—	—

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LoC2: Loudonville silt loam, 6 to 12 percent slopes, moderately eroded	Loudonville	100	Hillsides	No	—
LoD: Loudonville silt loam, 12 to 18 percent slopes	Loudonville	90	Hillsides	No	—
	moderately eroded areas	5	—	—	—
	Dekalb	5	Hills	—	—
LoD2: Loudonville silt loam, 12 to 18 percent slopes, moderately eroded	Loudonville	100	Hills	No	—
	Dekalb		Hills	—	—
LoE: Loudonville silt loam, 18 to 25 percent slopes	Loudonville	95	Hillsides	No	—
	Dekalb	5	Hills	—	—
LoE2: Loudonville silt loam, 12 to 25 percent slopes, moderately eroded	Loudonville	100	Hills	No	—
	wet spots		—	—	—
	Berks		Hills	—	—
	rock outcrop		—	Unranked	—
	soil formed from sandstone or shale		—	—	—
LuC: Loudonville-Urban land complex, rolling	Loudonville	70	Hillsides	No	—
	Urban land	30	—	No	—
Ly: Luray silt loam	Luray	90	Depressions, depressions on glacial lakes	Yes	2,3
	mucky surface layer	5	Depressions on glacial lakes, depressions	Yes	2,3
	areas with a silty clay loam surface	5	Depressions on glacial lakes, depressions	Yes	2,3
MgA: Mahoning silt loam, 0 to 2 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	5	Till plains	No	—
	Trumbull	5	Till plains	Yes	2
	Miner	5	Lake plains, till plains	Yes	2,3
MgB: Mahoning silt loam, 2 to 6 percent slopes	Mahoning	85	Till plains	No	—
	Ellsworth	10	Till plains	No	—
	Trumbull	5	Till plains	Yes	2

Hydric Soil List - All Components--OH153-Summit County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
MIB: Mahoning silt loam, sandstone substratum, 2 to 6 percent slopes	Mahoning-Sandstone substratum	90	Till plains	No	—
	Mitiwanga	5	Lake plains,till plains	No	—
	Trumbull	5	Till plains	Yes	2
Mn: Mahoning-Urban land complex, 0 to 2 percent slopes	Mahoning	45	Till plains	No	—
	Urban land	35	—	Unranked	—
	Udorthents	10	—	Unranked	—
	Trumbull	5	Till plains	Yes	2
	Ellsworth	5	Till plains	No	—
MtB: Mitiwanga silt loam, 2 to 6 percent slopes	Mitiwanga	100	—	No	—
Od: Olmsted loam	Olmsted	85	Outwash terraces	Yes	2,3
	Sloan	5	Flood plains	Yes	2
	Linwood	5	Depressions	Yes	1,3
	Luray	5	Depressions	Yes	2,3
Or: Orrville silt loam	Orrville	95	Flood plains	No	—
	Holly	5	Meanders	Yes	2,4
OsA: Oshtemo sandy loam, 0 to 2 percent slopes	Oshtemo	95	Outwash terraces	No	—
	Chili	3	Terraces	—	—
	dark surface	2	—	—	—
OsB: Oshtemo sandy loam, 2 to 6 percent slopes	Oshtemo	90	Outwash terraces	No	—
	steeper areas	5	—	—	—
	Chili	5	Terraces	—	—
OsC: Oshtemo sandy loam, 6 to 12 percent slopes	Oshtemo	85	Kames,outwash terraces	No	—
	Chili	5	Terraces	—	—
	areas with a sandier surface	5	—	—	—
	Conotton	5	Terraces	—	—
Pg: Pits, gravel	Pits, gravel	100	—	No	—
Pq: Pits, quarry	Pits, quarry	100	—	No	—
ReA: Ravenna silt loam, 0 to 2 percent slopes	Ravenna	95	—	No	—
	Frenchtown	5	Depressions,drainage ways	Yes	2,3

Hydric Soil List - All Components--OH153-Summit County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
ReB: Ravenna silt loam, 2 to 6 percent slopes	Ravenna	95	—	No	—
	Canfield	5	Moraines,till plains	—	—
Rn: Ravenna-Urban land complex	Ravenna	65	—	No	—
	Urban Land	30	—	No	—
	Frechtown	5	Depressions,drainage ways	Yes	2,3
RsB: Rittman silt loam, 2 to 6 percent slopes	Rittman	85	Knolls	No	—
	Wadsworth	4	Till plains	—	—
	Canfield	4	Moraines,till plains	—	—
	eroded areas	4	—	—	—
	less sloping areas	3	—	—	—
RsC: Rittman silt loam, 6 to 12 percent slopes	Rittman	95	Hillsides	No	—
	Wadsworth	5	Till plains	—	—
RsC2: Rittman silt loam, 6 to 12 percent slopes, moderately eroded	Rittman	95	Hillsides	No	—
	Canfield	5	Moraines,till plains	—	—
RsD: Rittman silt loam, 12 to 18 percent slopes	Rittman	100	Hillsides	No	—
RsD2: Rittman silt loam, 12 to 18 percent slopes, moderately eroded	Rittman	100	Hillsides	No	—
RsE2: Rittman silt loam, 18 to 25 percent slopes, moderately eroded	Rittman	95	Valley sides	No	—
	well drained soils	3	—	—	—
	slightly eroded areas	2	—	—	—
RtB: Rittman silt loam, sandstone substratum, 2 to 6 percent slopes	Rittman	95	Knolls	No	—
	areas where bedrock is more than 60 inches deep	5	—	—	—
RtC: Rittman silt loam, sandstone substratum 6 to 12 percent slopes	Rittman	90	Hillsides	No	—
	Loudonville	5	Hills	—	—
	steeper areas	5	—	—	—
RuB: Rittman-Urban land complex, undulating	Rittman	70	Knolls	No	—
	Urban Land	30	—	No	—

Hydric Soil List - All Components--OH153-Summit County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
RuC: Rittman-Urban land complex, rolling	Rittman	70	Hillsides	No	—
	Urban Land	30	—	No	—
Rv: Rough broken land, clay and silt	Rough Broken Land	100	Valley sides	No	—
Rw: Rough broken land, silt and sand	Rough Broken Land	100	Valley sides	No	—
Sb: Sebring silt loam	Sebring	85	Terraces	Yes	2,3
	Fitchville	4	Rises	No	—
	areas with a silty clay loam surface	4	Terraces	Yes	2,3
	Luray	4	Depressions	Yes	2,3
	areas where the subsoil is more brown	3	Rises	Yes	2,3
Sc: Shale rock land	Shale Rock Land	100	—	No	—
Sh: Sebring silt loam, till substratum	Sebring	100	Depressions, drainage ways	Yes	2
	thick dark surface layer		Depressions, drainage ways	Yes	2
So: Sloan silt loam	Sloan	90	Flood plains	Yes	2
	Carlisle	4	Kettles, bogs	Yes	1,3
	Luray	4	Depressions on glacial lakes, depressions	Yes	2,3
	areas covered by alluvium	2	Flood plains	Yes	2
Tg: Tioga loam	Tioga	100	Flood plains	No	—
Tr: Trumbull silt loam, 0 to 2 percent slopes	Trumbull	90	Till plains	Yes	2
	Miner	5	Lake plains, till plains	Yes	2,3
	Mahoning	5	Till plains	No	—
Ua: Udorthents	Udorthents	100	—	No	—
Uc: Udorthents, chemical waste	Udorthents, chemical waste	100	—	No	—
Ud: Udorthents, loamy	Udorthents	100	—	Unranked	—
Uf: Udorthents, sanitary landfill	Udorthents-Sanitary landfill	100	—	No	—
Up: Udorthents-pits complex	Udorthents	50	—	No	—
	pits	50	—	Unranked	—
Ur: Urban land	Urban Land	100	—	Unranked	—
W: Water	Water	100	—	No	—

Hydric Soil List - All Components--OH153-Summit County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WaA: Wadsworth silt loam, 0 to 2 percent slopes	Wadsworth	90	—	No	—
	Trumbull	5	Depressions, drainage ways	Yes	2,3
	Sebring	5	Depressions, drainage ways	Yes	2,3
WaB: Wadsworth silt loam, 2 to 6 percent slopes	Wadsworth	90	—	No	—
	Trumbull	5	Drainageways	Yes	2,3
	Rittman	5	Depressions	—	—
Wb: Wadsworth-Urban land complex	Wadsworth	65	—	No	—
	Urban Land	30	—	No	—
	Sebring	5	Depressions, drainage ways	Yes	2,3
Wc: Walkkill silt loam	Walkkill	95	Depressions	Yes	2,3
	areas underlain by dark mineral material	5	Depressions	Yes	2,3
WhB: Weinbach silt loam, 2 to 6 percent slopes	Weinbach	100	Terraces	No	—
	dark colored surface layer		—	—	—
	Chili		Terraces	—	—
	Bogart		Terraces	—	—
	loam till at 30 to 40 inches		—	—	—
WmC2: Wheeling loam, 6 to 12 percent slopes, moderately eroded	Wheeling	100	Terraces	No	—
	Chili		Terraces	—	—
WrA: Wheeling silt loam, 0 to 2 percent slopes	Wheeling	95	Outwash terraces	No	—
	Glenford	5	Terraces, lake plains	—	—
WrB: Wheeling silt loam, 2 to 6 percent slopes	Wheeling	95	Outwash terraces	No	—
	Chili	5	Terraces	—	—
Wt: Willette muck	Willette	95	Depressions on terraces	Yes	1,3
	areas where muck is less than 16 inches thick	5	Depressions on terraces	Yes	1,3

Hydric Soil List - All Components--OH153-Summit County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
WuB: Wooster silt loam, 2 to 6 percent slopes	Wooster	85	Hillsides	No	—
	areas with a silt mantle 36 inches thick	4	—	—	—
	Canfield	4	Moraines,till plains	—	—
	moderately eroded areas	4	—	—	—
	areas with bedrock at 4 to 6 feet	3	—	—	—
WuC: Wooster silt loam, 6 to 12 percent slopes	Wooster	95	Hillsides	No	—
	Canfield	5	Moraines,till plains	—	—
WuC2: Wooster silt loam, 6 to 12 percent slopes, moderately eroded	Wooster	100	Hillsides	No	—
	drainageways		—	—	—
	areas with sand and gravel		—	—	—
WuD: Wooster silt loam, 12 to 18 percent slopes	Wooster	100	Hillsides	No	—
WuD2: Wooster silt loam, 12 to 18 percent, moderately eroded	Wooster	100	Hillsides	No	—
WuE2: Wooster silt loam, 18 to 25 percent slopes, moderately eroded	Wooster	90	Hillsides	No	—
	severely eroded soils	5	—	—	—
	Chili	5	Terraces	—	—
WuF2: Wooster silt loam, 25 to 50 percent slopes, moderately eroded	Wooster	95	Hillsides	No	—
	Oshtemo	5	Terraces	—	—
WvC2: Wooster silt loam, sandstone substratum, 6 to 12 percent slopes, moderately eroded	Wooster	100	Hillsides	No	—
WvD2: Wooster silt loam, sandstone substratum, 12 to 18 percent slopes, moderately eroded	Wooster	100	Hillsides	No	—
WwD: Wooster-Urban land complex, hilly	Wooster	70	Hillsides	No	—
	Urban Land	30	—	No	—
WxE2: Wooster silt loam, 12 to 25 percent slopes, moderately eroded	Wooster	100	Moraines,till plains	No	—
	areas with no fragipan		—	—	—

Hydric Soil List - All Components--OH153-Summit County, Ohio					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
	sand and gravel in the profile		—	—	—
	slightly eroded areas		—	—	—
	bedrock at 5 feet		—	—	—
	Canfield		Moraines,till plains	—	—
WyB: Wooster-Riddles silt loams, 2 to 6 percent slopes	Riddles	45	—	No	—
	Wooster	45	—	No	—
	Loudonville	10	Hills	—	—
WyC: Wooster-Riddles silt loams, 6 to 12 percent slopes	Riddles	45	Ridges,drainageways	No	—
	Wooster	45	Ridges,drainageways	No	—
	Loudonville	5	Hills	—	—
	Chili	5	Terraces	—	—
WyC2: Wooster-Riddles silt loams, 6 to 12 percent slopes, eroded	Riddles	45	Ridges,drainageways	No	—
	Wooster	45	Ridges,drainageways	No	—
	Chili	5	Terraces	—	—
	Loudonville	5	Hills	—	—
WyD2: Wooster-Riddles silt loams, 12 to 18 percent slopes, eroded	Riddles	45	Ridges,drainageways	No	—
	Wooster	45	Ridges,drainageways	No	—
	Chili	5	Terraces	—	—
	Loudonville	5	Hills	—	—

## Data Source Information

Soil Survey Area: Summit County, Ohio

Survey Area Data: Version 11, Sep 19, 2014