

Water Features

This table gives estimates of various soil water features. The estimates are used in land use planning that involves engineering considerations.

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The four hydrologic soil groups are:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas.

Surface runoff refers to the loss of water from an area by flow over the land surface. Surface runoff classes are based on slope, climate, and vegetative cover. The concept indicates relative runoff for very specific conditions. It is assumed that the surface of the soil is bare and that the retention of surface water resulting from irregularities in the ground surface is minimal. The classes are negligible, very low, low, medium, high, and very high.

The *months* in the table indicate the portion of the year in which a water table, ponding, and/or flooding is most likely to be a concern.

Water table refers to a saturated zone in the soil. The water features table indicates, by month, depth to the top (*upper limit*) and base (*lower limit*) of the saturated zone in most years. Estimates of the upper and lower limits are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors or mottles (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

Ponding is standing water in a closed depression. Unless a drainage system is installed, the water is removed only by percolation, transpiration, or evaporation. The table indicates *surface water depth* and the *duration* and *frequency* of ponding. Duration is expressed as *very brief* if less than 2 days, *brief* if 2 to 7 days, *long* if 7 to 30 days, and *very long* if more than 30 days. Frequency is expressed as none, rare, occasional, and frequent. *None* means that ponding is not probable; *rare* that it is unlikely but possible under unusual weather conditions (the chance of ponding is nearly 0 percent to 5 percent in any year); *occasional* that it occurs, on the average, once or less in 2 years (the chance of ponding is 5 to 50 percent in any year); and *frequent* that it occurs, on the average, more than once in 2 years (the chance of ponding is more than 50 percent in any year).

Flooding is the temporary inundation of an area caused by overflowing streams, by runoff from adjacent slopes, or by tides. Water standing for short periods after rainfall or snowmelt is not considered flooding, and water standing in swamps and marshes is considered ponding rather than flooding.

Duration and *frequency* are estimated. Duration is expressed as *extremely brief* if 0.1 hour to 4 hours, *very brief* if 4 hours to 2 days, *brief* if 2 to 7 days, *long* if 7 to 30 days, and *very long* if more than 30 days. Frequency is expressed as none, very rare, rare, occasional, frequent, and very frequent. *None* means that flooding is not probable; *very rare* that it is very unlikely but possible under extremely unusual weather conditions (the chance of flooding is less than 1 percent in any year); *rare* that it is unlikely but possible under unusual weather conditions (the chance of flooding is 1 to 5 percent in any year); *occasional* that it occurs infrequently under normal weather conditions (the chance of flooding is 5 to 50 percent in any year); *frequent* that it is likely to occur often under normal weather conditions (the chance of flooding is more than 50 percent in any year but is less than 50 percent in all months in any year); and *very frequent* that it is likely to occur very often under normal weather conditions (the chance of flooding is more than 50 percent in all months of any year).

The information is based on evidence in the soil profile, namely thin strata of gravel, sand, silt, or clay deposited by floodwater; irregular decrease in organic matter content with increasing depth; and little or no horizon development.

Also considered are local information about the extent and levels of flooding and the relation of each soil on the landscape to historic floods. Information on the extent of flooding based on soil data is less specific than that provided by detailed engineering surveys that delineate flood-prone areas at specific flood frequency levels.

Report—Water Features

Absence of an entry indicates that the data were not estimated. The dash indicates no documented presence.

Water Features—Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Ag—Algiers silt loam										
Algiers	B/D	Negligible	January	0.0-1.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			February	0.0-1.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			March	0.0-1.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			April	0.0-1.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			May	0.0-1.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			June	0.0-1.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			November	0.0-1.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			December	0.0-1.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Ble1A1—Blount silt loam, end moraine, 0 to 2 percent slopes										
Blount, end moraine	D	High	January	0.5-1.0	2.5-5.0	—	—	—	—	—
			February	0.5-1.0	2.5-5.0	—	—	—	—	—
			March	0.5-1.0	2.5-5.0	—	—	—	—	—
			April	0.5-1.0	2.5-5.0	—	—	—	—	—
			May	0.5-1.0	2.5-5.0	—	—	—	—	—
			November	0.5-1.0	2.5-5.0	—	—	—	—	—
			December	0.5-1.0	2.5-5.0	—	—	—	—	—
Ble1B1—Blount silt loam, end moraine, 2 to 4 percent slopes										
Blount, end moraine	D	High	January	0.5-1.0	2.5-4.7	—	—	—	—	—
			February	0.5-1.0	2.5-4.7	—	—	—	—	—
			March	0.5-1.0	2.5-4.7	—	—	—	—	—
			April	0.5-1.0	2.5-4.7	—	—	—	—	—
			May	0.5-1.0	2.5-4.7	—	—	—	—	—
			November	0.5-1.0	2.5-4.7	—	—	—	—	—
			December	0.5-1.0	2.5-4.7	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Blg1A1—Blount silt loam, ground moraine, 0 to 2 percent slopes										
Blount, ground moraine	D	High	January	0.5-1.0	2.6-4.5	—	—	—	—	—
			February	0.5-1.0	2.6-4.5	—	—	—	—	—
			March	0.5-1.0	2.6-4.5	—	—	—	—	—
			April	0.5-1.0	2.6-4.5	—	—	—	—	—
			May	0.5-1.0	2.6-4.5	—	—	—	—	—
			November	0.5-1.0	2.6-4.5	—	—	—	—	—
			December	0.5-1.0	2.6-4.5	—	—	—	—	—
Blg1B1—Blount silt loam, ground moraine, 2 to 4 percent slopes										
Blount, ground moraine	D	High	January	0.5-1.0	2.5-4.5	—	—	—	—	—
			February	0.5-1.0	2.5-4.5	—	—	—	—	—
			March	0.5-1.0	2.5-4.5	—	—	—	—	—
			April	0.5-1.0	2.5-4.5	—	—	—	—	—
			May	0.5-1.0	2.5-4.5	—	—	—	—	—
			November	0.5-1.0	2.5-4.5	—	—	—	—	—
			December	0.5-1.0	2.5-4.5	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
BoB2—Blount silt loam, 2 to 6 percent slopes, eroded										
Blount	D	High	January	0.5-1.0	2.0-3.3	—	—	—	—	—
			February	0.5-1.0	2.0-3.3	—	—	—	—	—
			March	0.5-1.0	2.0-3.3	—	—	—	—	—
			April	0.5-1.0	2.0-3.3	—	—	—	—	—
			May	0.5-1.0	2.0-3.3	—	—	—	—	—
			November	0.5-1.0	2.0-3.3	—	—	—	—	—
			December	0.5-1.0	2.0-3.3	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Bs—Brookston silty clay loam, fine texture, 0 to 2 percent slopes										
Brookston	C/D	Negligible	January	0.0-1.0	>6.0	0.0-0.5	Very long (more than 30 days)	Frequent	—	None
			February	0.0-1.0	>6.0	0.0-0.5	Very long (more than 30 days)	Frequent	—	None
			March	0.0-1.0	>6.0	0.0-0.5	Very long (more than 30 days)	Frequent	—	None
			April	0.0-1.0	>6.0	0.0-0.5	Very long (more than 30 days)	Frequent	—	None
			May	0.0-1.0	>6.0	0.0-0.5	Very long (more than 30 days)	Frequent	—	None
			June	4.0-5.0	>6.0	—	—	—	—	None
			July	—	—	—	—	—	—	None
			August	—	—	—	—	—	—	None
			September	—	—	—	—	—	—	None
			October	4.0-5.0	>6.0	—	—	—	—	None
			November	4.0-5.0	>6.0	—	—	—	—	None
			December	0.0-1.0	>6.0	0.0-0.5	Very long (more than 30 days)	Frequent	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
CeA--Celina silt loam, 0 to 2 percent slopes										
Celina	C/D	Low	January	1.0-2.0	2.0-3.0	—	—	None	—	None
			February	1.0-2.0	2.0-3.0	—	—	None	—	None
			March	1.0-2.0	2.0-3.0	—	—	None	—	None
			April	1.0-2.0	2.0-3.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
CeB--Celina silt loam, 2 to 6 percent slopes										
Celina	C/D	Medium	January	1.5-2.5	2.0-3.2	—	—	None	—	None
			February	1.0-2.5	2.0-3.2	—	—	None	—	None
			March	1.0-2.5	2.0-3.2	—	—	None	—	None
			April	1.0-2.5	2.0-3.2	—	—	None	—	None
			May	1.5-3.2	2.0-3.2	—	—	None	—	None
			June	1.5-3.2	2.0-3.2	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	1.5-3.2	2.0-3.2	—	—	None	—	None
			November	1.5-3.2	2.0-3.2	—	—	None	—	None
			December	1.5-2.5	2.0-3.2	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
CrA—Crosby silt loam, Southern Ohio Till Plain, 0 to 2 percent slopes										
Crosby	C/D	Medium	January	0.5-2.0	2.0-3.5	—	—	None	—	None
			February	0.5-2.0	2.0-3.5	—	—	None	—	None
			March	0.5-2.0	2.0-3.5	—	—	None	—	None
			April	0.5-3.0	2.0-3.5	—	—	None	—	None
			May	1.5-3.0	2.0-3.5	—	—	None	—	None
			June	1.5-3.5	2.0-3.5	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	1.5-3.5	2.0-3.5	—	—	None	—	None
			November	1.5-3.0	2.0-3.5	—	—	None	—	None
			December	0.5-3.0	2.0-3.5	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
CrB—Crosby silt loam, Southern Ohio Till Plain, 2 to 6 percent slopes										
Crosby	C/D	Medium	January	0.5-2.0	2.0-3.5	—	—	None	—	None
			February	0.5-2.0	2.0-3.5	—	—	None	—	None
			March	0.5-2.0	2.0-3.5	—	—	None	—	None
			April	0.5-3.0	2.0-3.5	—	—	None	—	None
			May	1.5-3.0	2.0-3.5	—	—	None	—	None
			June	1.5-3.5	2.0-3.5	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	1.5-3.5	2.0-3.5	—	—	None	—	None
			November	1.5-3.0	2.0-3.5	—	—	None	—	None
			December	0.5-3.0	2.0-3.5	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
CsA--Crosby-Lewisburg silt loams, 0 to 2 percent slopes										
Crosby	D	High	January	1.0-3.0	>6.0	—	—	None	—	None
			February	1.0-3.0	>6.0	—	—	None	—	None
			March	1.0-3.0	>6.0	—	—	None	—	None
			April	1.0-3.0	>6.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
			December	—	—	—	—	None	—	None
Lewisburg	C	Medium	January	2.0-4.0	3.0-4.0	—	—	None	—	None
			February	2.0-4.0	3.0-4.0	—	—	None	—	None
			March	2.0-4.0	3.0-4.0	—	—	None	—	None
			April	2.0-4.0	3.0-4.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
CsB—Crosby-Lewisburg silt loams, 2 to 6 percent slopes										
Crosby	D	High	January	1.0-3.0	>6.0	—	—	None	—	None
			February	1.0-3.0	>6.0	—	—	None	—	None
			March	1.0-3.0	>6.0	—	—	None	—	None
			April	1.0-3.0	>6.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
			December	—	—	—	—	None	—	None
Lewisburg	C	Medium	January	2.0-4.0	3.0-4.0	—	—	None	—	None
			February	2.0-4.0	3.0-4.0	—	—	None	—	None
			March	2.0-4.0	3.0-4.0	—	—	None	—	None
			April	2.0-4.0	3.0-4.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None
Cu—Cut and fill land										
Cut and fill land	—	—	Jan-Dec	—	—	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Ee--Eel silt loam										
Eel	C	Negligible	January	1.0-3.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			February	1.0-3.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			March	1.0-3.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			April	1.0-3.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			May	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			June	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			November	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			December	—	—	—	—	None	Brief (2 to 7 days)	Occasional

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Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
EmB—Eldean silt loam, 2 to 6 percent slopes										
Eldean	B	Low	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
FoA--Fox silt loam, 0 to 2 percent slopes										
Fox	B	Low	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
FoB--Fox silt loam, 2 to 6 percent slopes										
Fox	B	Low	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
FoB2—Fox silt loam, 2 to 6 percent slopes, moderately eroded										
Fox	B	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
FoC2—Fox silt loam, 6 to 12 percent slopes, moderately eroded										
Fox	B	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
FpC2—Fox-Miami silt loams, 6 to 12 percent slopes, moderately eroded										
Fox	B	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
			December	—	—	—	—	None	—	None
Miami	C	High	January	2.0-3.0	2.5-3.5	—	—	None	—	None
			February	2.0-3.0	2.5-3.5	—	—	None	—	None
			March	2.0-3.0	2.5-3.5	—	—	None	—	None
			April	2.0-3.0	2.5-3.5	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	2.0-3.0	2.5-3.5	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Gn--Genesee silt loam										
Genesee	B	Negligible	January	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			February	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			March	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			April	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			May	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			June	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			November	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			December	—	—	—	—	None	Brief (2 to 7 days)	Occasional
Gp--Gravel pits										
Gravel pits	—	—	Jan-Dec	—	—	—	—	—	—	—
Gwd1C1--Glynwood silt loam, 6 to 12 percent slopes										
Glynwood	D	High	January	1.0-2.0	2.1-3.3	—	—	—	—	—
			February	1.0-2.0	2.1-3.3	—	—	—	—	—
			March	1.0-2.0	2.1-3.3	—	—	—	—	—
			April	1.0-2.0	2.1-3.3	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Gwd5C2—Glynwood clay loam, 6 to 12 percent slopes, eroded										
Glynwood	D	Very high	January	1.0-2.0	2.1-3.3	—	—	—	—	—
			February	1.0-2.0	2.1-3.3	—	—	—	—	—
			March	1.0-2.0	2.1-3.3	—	—	—	—	—
			April	1.0-2.0	2.1-3.3	—	—	—	—	—
Gwe1B1—Glynwood silt loam, end moraine, 2 to 6 percent slopes										
Glynwood, end moraine	D	High	January	1.0-2.0	2.3-3.7	—	—	None	—	None
			February	1.0-2.0	2.3-3.7	—	—	None	—	None
			March	1.0-2.0	2.3-3.7	—	—	None	—	None
			April	1.0-2.0	2.3-3.7	—	—	None	—	None
			May	1.0-2.0	2.3-3.7	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	1.0-2.0	2.3-3.7	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Gwe1B2—Glynwood silt loam, end moraine, 2 to 6 percent slopes, eroded										
Glynwood, end moraine	D	High	January	1.0-2.0	2.0-3.5	—	—	None	—	None
			February	1.0-2.0	2.0-3.5	—	—	None	—	None
			March	1.0-2.0	2.0-3.5	—	—	None	—	None
			April	1.0-2.0	2.0-3.5	—	—	None	—	None
			May	1.0-2.0	2.0-3.5	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	1.0-2.0	2.0-3.5	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Gwe5B2—Glynwood clay loam, end moraine, 2 to 6 percent slopes, eroded										
Glynwood, end moraine	D	High	January	1.0-2.0	2.0-3.5	—	—	None	—	None
			February	1.0-2.0	2.0-3.5	—	—	None	—	None
			March	1.0-2.0	2.0-3.5	—	—	None	—	None
			April	1.0-2.0	2.0-3.5	—	—	None	—	None
			May	1.0-2.0	2.0-3.5	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	1.0-2.0	2.0-3.5	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Gwg1B1—Glynwood silt loam, ground moraine, 2 to 6 percent slopes										
Glynwood, ground moraine	D	High	January	1.0-2.0	2.3-3.7	—	—	None	—	None
			February	1.0-2.0	2.3-3.7	—	—	None	—	None
			March	1.0-2.0	2.3-3.7	—	—	None	—	None
			April	1.0-2.0	2.3-3.7	—	—	None	—	None
			May	1.0-2.0	2.3-3.7	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	1.0-2.0	2.3-3.7	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Gwg1B2—Glynwood silt loam, ground moraine, 2 to 6 percent slopes, eroded										
Glynwood, ground moraine	D	High	January	1.0-2.0	2.0-3.5	—	—	None	—	None
			February	1.0-2.0	2.0-3.5	—	—	None	—	None
			March	1.0-2.0	2.0-3.5	—	—	None	—	None
			April	1.0-2.0	2.0-3.5	—	—	None	—	None
			May	1.0-2.0	2.0-3.5	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	1.0-2.0	2.0-3.5	—	—	None	—	None
Gwg1C1—Glynwood silt loam, ground moraine, 6 to 12 percent slopes										
Glynwood	D	Very high	January	1.0-2.0	2.1-3.3	—	—	—	—	—
			February	1.0-2.0	2.1-3.3	—	—	—	—	—
			March	1.0-2.0	2.1-3.3	—	—	—	—	—
			April	1.0-2.0	2.1-3.3	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Gwg5C2—Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded										
Glynwood	D	Very high	January	1.0-2.0	2.1-3.3	—	—	—	—	—
			February	1.0-2.0	2.1-3.3	—	—	—	—	—
			March	1.0-2.0	2.1-3.3	—	—	—	—	—
			April	1.0-2.0	2.1-3.3	—	—	—	—	—
HeA—Henshaw silt loam, 0 to 2 percent slopes										
Henshaw	C/D	Low	January	0.5-1.5	>6.0	—	—	None	—	None
			February	0.5-1.5	>6.0	—	—	None	—	None
			March	0.5-1.5	>6.0	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	0.5-1.5	>6.0	—	—	None	—	None
			December	0.5-1.5	>6.0	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Ho--Homer silt loam										
Homer	B/D	Low	January	0.5-1.5	>6.0	—	—	None	—	None
			February	0.5-1.5	>6.0	—	—	None	—	None
			March	0.5-1.5	>6.0	—	—	None	—	None
			April	0.5-1.5	>6.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Ka--Kane silt loam										
Kane	B/D	Low	January	—	—	—	—	None	—	None
			February	0.5-1.5	>6.0	—	—	None	—	None
			March	0.5-1.5	>6.0	—	—	None	—	None
			April	0.5-1.5	>6.0	—	—	None	—	None
			May	0.5-1.5	>6.0	—	—	None	—	None
			June	0.5-1.5	>6.0	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
KeA—Kendallville silt loam, 0 to 2 percent slopes										
Kendallville	C	Low	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
KeB--Kendallville silt loam, 2 to 6 percent slopes										
Kendallville	C	Low	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Ko—Kokomo silty clay loam, 0 to 2 percent slopes										
Kokomo	C/D	Negligible	January	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			February	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			March	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			April	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			May	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			June	4.0-5.0	>6.0	—	—	—	—	None
			July	—	—	—	—	—	—	None
			August	—	—	—	—	—	—	None
			September	—	—	—	—	—	—	None
			October	—	—	—	—	—	—	None
			November	4.0-5.0	>6.0	—	—	—	—	None
			December	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
LbB—Lewisburg-Celina silt loams, 2 to 6 percent slopes										
Lewisburg	C	Medium	January	2.0-4.0	3.0-4.0	—	—	None	—	None
			February	2.0-4.0	3.0-4.0	—	—	None	—	None
			March	2.0-4.0	3.0-4.0	—	—	None	—	None
			April	2.0-4.0	3.0-4.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
			December	—	—	—	—	None	—	None
Celina	C	Medium	January	2.0-3.5	3.0-4.0	—	—	None	—	None
			February	2.0-3.5	3.0-4.0	—	—	None	—	None
			March	2.0-3.5	3.0-4.0	—	—	None	—	None
			April	2.0-3.5	3.0-4.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Lc--Lippincott silty clay loam										
Lippincott	B/D	Negligible	January	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			February	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			March	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			April	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			May	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			June	—	—	—	—	—	—	None
			July	—	—	—	—	—	—	None
			August	—	—	—	—	—	—	None
			September	—	—	—	—	—	—	None
			October	—	—	—	—	—	—	None
			November	—	—	—	—	—	—	None
			December	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
LeB--Lewisburg-Crosby complex, 2 to 6 percent slopes										
Lewisburg	D	High	January	2.0-4.0	3.0-4.0	—	—	None	—	None
			February	2.0-4.0	3.0-4.0	—	—	None	—	None
			March	2.0-4.0	3.0-4.0	—	—	None	—	None
			April	2.0-4.0	3.0-4.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
			December	—	—	—	—	None	—	None
Crosby	D	High	January	1.0-3.0	>6.0	—	—	None	—	None
			February	1.0-3.0	>6.0	—	—	None	—	None
			March	1.0-3.0	>6.0	—	—	None	—	None
			April	1.0-3.0	>6.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
LsA--Lobdell, channery substratum-Sloan, till substratum complex, 0 to 2 percent slopes, occasionally flooded										
Lobdell	B/D	Low	January	1.0-2.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			February	1.0-2.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			March	1.0-2.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			April	1.0-2.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			May	1.0-2.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			June	1.0-2.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			November	1.0-2.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
			December	1.0-2.0	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
Sloan	B/D	Low	January	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			February	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			March	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			April	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			May	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			June	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			November	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			December	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
LyD2--Lybrand silt loam, 12 to 18 percent slopes, eroded										
Lybrand	C	Very high	January	—	—	—	—	None	—	None
			February	3.5-6.0	3.6-6.1	—	—	None	—	None
			March	3.5-6.0	3.6-6.1	—	—	None	—	None
			April	3.5-6.0	3.6-6.1	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
MIB--Miamiian silt loam, 2 to 6 percent slopes										
Miamian	C	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
MIC2--Miamian silt loam, 6 to 12 percent slopes, moderately eroded										
Miamian	C	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
MID2--Miamian silt loam, 12 to 18 percent slopes, moderately eroded										
Miamian	C	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
MIF2--Miamian silt loam, 18 to 35 percent slopes, moderately eroded										
Miamian	C	High	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Mm—Millgrove silty clay loam, 0 to 2 percent slopes, rarely flooded										
Millgrove	B/D	Low	January	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Rare
			February	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Rare
			March	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Rare
			April	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Rare
			May	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Rare
			June	—	—	—	—	—	Brief (2 to 7 days)	Rare
			November	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Rare
			December	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Rare

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Mni3A--Minster silty clay loam, till substratum, 0 to 1 percent slopes										
Minster, till substratum	C/D	Negligible	January	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			February	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			March	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			April	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			May	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			November	0.0-1.0	>6.0	—	—	—	—	—
			December	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Mns3A--Minster silty clay loam, 0 to 1 percent slopes										
Minster	C/D	Negligible	January	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			February	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			March	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			April	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			May	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			November	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—
			December	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Frequent	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
MrD2—Morley silt loam, 12 to 18 percent slopes, moderately eroded										
Morley	C/D	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	1.0-2.0	2.0-3.0	—	—	None	—	None
			April	1.0-2.0	2.0-3.0	—	—	None	—	None
			May	1.0-2.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
MrE2—Morley silt loam, 18 to 25 percent slopes, moderately eroded										
Morley	C/D	High	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	1.0-2.0	2.0-3.0	—	—	None	—	None
			April	1.0-2.0	2.0-3.0	—	—	None	—	None
			May	1.0-2.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
MrF2—Morley silt loam, 25 to 50 percent slopes, moderately eroded										
Morley	C/D	High	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	1.0-2.0	2.0-3.0	—	—	None	—	None
			April	1.0-2.0	2.0-3.0	—	—	None	—	None
			May	1.0-2.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Mu--Muskego muck										
Muskego	C/D	Negligible	January	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			February	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			March	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			April	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			May	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			June	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			July	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			August	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			September	—	—	—	—	—	—	None
			October	—	—	—	—	—	—	None
			November	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			December	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
No—Nolin silt loam, 0 to 2 percent slopes, occasionally flooded										
Nolin			February	3.0-6.0	>6.0	—	—	None	Long (7 to 30 days)	Occasional
			March	3.0-6.0	>6.0	—	—	None	Long (7 to 30 days)	Occasional
			April	—	—	—	—	None	Long (7 to 30 days)	Occasional
			May	—	—	—	—	None	Long (7 to 30 days)	Occasional
NpA—Nappanee silt loam, 0 to 2 percent slopes										
Nappanee	D	Low	January	0.5-1.0	2.0-3.0	—	—	None	—	None
			February	0.5-1.0	2.0-3.0	—	—	None	—	None
			March	0.5-1.0	2.0-3.0	—	—	None	—	None
			April	0.5-1.0	2.0-3.0	—	—	None	—	None
			May	0.5-1.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	0.5-1.0	2.0-3.0	—	—	None	—	None
			December	0.5-1.0	2.0-3.0	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
NpB--Nappanee silt loam, 2 to 6 percent slopes										
Nappanee	D	Low	January	0.5-1.0	2.0-3.0	—	—	None	—	None
			February	0.5-1.0	2.0-3.0	—	—	None	—	None
			March	0.5-1.0	2.0-3.0	—	—	None	—	None
			April	0.5-1.0	2.0-3.0	—	—	None	—	None
			May	0.5-1.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	0.5-1.0	2.0-3.0	—	—	None	—	None
			December	0.5-1.0	2.0-3.0	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
OdA—Odell silt loam, 0 to 2 percent slopes										
Odell	C/D	Low	January	0.5-1.0	2.0-3.0	—	—	None	—	None
			February	0.5-1.0	2.0-3.0	—	—	None	—	None
			March	0.5-1.0	2.0-3.0	—	—	None	—	None
			April	0.5-1.0	2.0-3.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
OeA—Odell-Lewisburg complex, 0 to 2 percent slopes										
Odell	C	Medium	January	1.0-3.0	>6.0	—	—	None	—	None
			February	1.0-3.0	>6.0	—	—	None	—	None
			March	1.0-3.0	>6.0	—	—	None	—	None
			April	1.0-3.0	>6.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
			December	—	—	—	—	None	—	None
Lewisburg	C	Medium	January	2.0-4.0	3.0-4.0	—	—	None	—	None
			February	2.0-4.0	3.0-4.0	—	—	None	—	None
			March	2.0-4.0	3.0-4.0	—	—	None	—	None
			April	2.0-4.0	3.0-4.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Pa—Paulding silty clay										
Paulding	D	Low	January	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			February	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			March	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			April	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			May	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			June	—	—	—	—	—	—	None
			July	—	—	—	—	—	—	None
			August	—	—	—	—	—	—	None
			September	—	—	—	—	—	—	None
			October	—	—	—	—	—	—	None
			November	—	—	—	—	—	—	None
			December	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Pk—Pewamo silty clay loam, 0 to 1 percent slopes										
Pewamo	C/D	Medium	January	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	—	None
			February	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	—	None
			March	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	—	None
			April	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	—	None
			May	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	—	None
			June	—	—	—	—	—	—	None
			July	—	—	—	—	—	—	None
			August	—	—	—	—	—	—	None
			September	—	—	—	—	—	—	None
			October	—	—	—	—	—	—	None
			November	—	—	—	—	—	—	None
			December	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Pm—Pewamo silty clay loam										
Pewamo	C/D	Negligible	January	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			February	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			March	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			April	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			May	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			June	—	—	—	—	—	—	None
			July	—	—	—	—	—	—	None
			August	—	—	—	—	—	—	None
			September	—	—	—	—	—	—	None
			October	—	—	—	—	—	—	None
			November	—	—	—	—	—	—	None
			December	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
Qu—Quarries										
Quarries	—	—	Jan-Dec	—	—	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Ro--Ross silt loam										
Ross	C	Negligible	January	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			February	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			March	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			April	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			May	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			June	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			November	—	—	—	—	None	Brief (2 to 7 days)	Occasional
			December	—	—	—	—	None	Brief (2 to 7 days)	Occasional

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
RpA—Rossburg silt loam, 0 to 2 percent slopes, occasionally flooded										
Rossburg	B	Low	January	3.5-6.0	>6.0	—	—	None	Very brief (4 to 48 hours)	Occasional
			February	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			March	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			April	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			May	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			June	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			November	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			December	3.5-6.0	>6.0	—	—	None	Very brief (4 to 48 hours)	Occasional

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
RrA--Rossburg-Sloan complex, 0 to 2 percent slopes, occasionally flooded										
Rossburg	B	Low	January	3.5-6.0	>6.0	—	—	None	Very brief (4 to 48 hours)	Occasional
			February	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			March	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			April	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			May	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			June	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional
			November	—	—	—	—	None	Very brief (4 to 48 hours)	Occasional

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
			December	3.5-6.0	>6.0	—	—	None	Very brief (4 to 48 hours)	Occasional
Sloan	B/D	Low	January	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			February	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			March	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			April	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			May	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			June	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			November	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			December	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Sac3AF--Saranac silty clay loam, 0 to 1 percent slopes, frequently flooded										
Saranac, brief duration	C/D	Negligible	January	0.0-1.0	>6.0	0.0-0.5	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Frequent
			February	0.0-1.0	>6.0	0.0-0.5	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Frequent
			March	0.0-1.0	>6.0	0.0-0.5	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Frequent
			April	0.0-1.0	>6.0	0.0-0.5	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Frequent
			May	0.0-1.0	>6.0	0.0-0.5	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Frequent
			June	0.0-1.0	>6.0	0.0-0.5	Brief (2 to 7 days)	Occasional	—	—
			October	0.0-1.0	>6.0	—	—	—	—	—
			November	0.0-1.0	>6.0	0.0-0.5	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Frequent
			December	0.0-1.0	>6.0	0.0-0.5	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Frequent

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
ScB—St. Clair silt loam, 2 to 6 percent slopes										
St. clair	D	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	1.5-2.0	2.0-3.0	—	—	None	—	None
			April	1.5-2.0	2.0-3.0	—	—	None	—	None
			May	1.5-2.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
ScB2—St. Clair silt loam, 2 to 6 percent slopes, moderately eroded										
St. clair	D	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	1.5-2.0	2.0-3.0	—	—	None	—	None
			April	1.5-2.0	2.0-3.0	—	—	None	—	None
			May	1.5-2.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
ScC—St. Clair silt loam, 6 to 12 percent slopes										
St. clair	D	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	1.5-2.0	2.0-3.0	—	—	None	—	None
			April	1.5-2.0	2.0-3.0	—	—	None	—	None
			May	1.5-2.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
ScC2—St. Clair silt loam, 6 to 12 percent slopes, moderately eroded										
St. clair	D	Medium	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	1.5-2.0	2.0-3.0	—	—	None	—	None
			April	1.5-2.0	2.0-3.0	—	—	None	—	None
			May	1.5-2.0	2.0-3.0	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
SdA—Scioto silt loam, 0 to 2 percent slopes										
Scioto	B	Low	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
SdB—Scioto silt loam, 2 to 6 percent slopes										
Scioto	B	Low	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Sh—Shoals silt loam, 0 to 2 percent slopes, occasionally flooded										
Shoals	B/D	Low	January	0.5-1.5	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			February	0.5-1.5	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			March	0.5-1.5	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			April	0.5-1.5	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			May	0.5-1.5	>6.0	—	—	None	Brief (2 to 7 days)	Occasional
			November	0.5-1.5	>6.0	—	—	None	—	—
			December	0.5-1.5	>6.0	—	—	None	Brief (2 to 7 days)	Occasional

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
SIA—Sleeth silt loam, 0 to 2 percent slopes										
Sleeth	B/D	Low	January	0.5-1.0	>6.0	—	—	None	—	None
			February	0.5-1.0	>6.0	—	—	None	—	None
			March	0.5-1.0	>6.0	—	—	None	—	None
			April	0.5-1.0	>6.0	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Sn--Sloan silt loam										
Sloan	B/D	Low	January	0.0-1.0	>6.0	—	—	None	Long (7 to 30 days)	Frequent
			February	0.0-1.0	>6.0	—	—	None	Long (7 to 30 days)	Frequent
			March	0.0-1.0	>6.0	—	—	None	Long (7 to 30 days)	Frequent
			April	0.0-1.0	>6.0	—	—	None	Long (7 to 30 days)	Frequent
			May	0.0-1.0	>6.0	—	—	None	Long (7 to 30 days)	Frequent
			June	0.0-1.0	>6.0	—	—	None	Long (7 to 30 days)	Frequent
			November	0.0-1.0	>6.0	—	—	None	Long (7 to 30 days)	Frequent
			December	0.0-1.0	>6.0	—	—	None	Long (7 to 30 days)	Frequent

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
So—Sloan silty clay loam										
Sloan	B/D	Negligible	January	0.0-1.0	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	Long (7 to 30 days)	Frequent
			February	0.0-1.0	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	Long (7 to 30 days)	Frequent
			March	0.0-1.0	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	Long (7 to 30 days)	Frequent
			April	0.0-1.0	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	Long (7 to 30 days)	Frequent
			May	0.0-1.0	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	Long (7 to 30 days)	Frequent
			June	0.0-1.0	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	Long (7 to 30 days)	Frequent
			November	0.0-1.0	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	Long (7 to 30 days)	Frequent
			December	0.0-1.0	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	Long (7 to 30 days)	Frequent

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
SpA—Sloan silty clay loam, till substratum, 0 to 2 percent slopes, occasionally flooded										
Sloan	B/D	Low	January	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			February	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			March	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			April	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			May	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			June	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			November	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
			December	0.0-1.0	>6.0	0.0-1.0	Brief (2 to 7 days)	Occasional	Brief (2 to 7 days)	Occasional
UdB—Udorthents, clayey-Urban land complex, undulating										
Udorthents	—	—	Jan-Dec	—	—	—	—	—	—	—
Urban land	—	—	Jan-Dec	—	—	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Ut--Udorthents-Urban land complex, gently rolling										
Udorthents	—	—	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None
Urban land	—	—	Jan-Dec	—	—	—	—	—	—	—
W--Water										
Water	—	—	Jan-Dec	—	—	—	—	—	—	—

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
WaB--Warsaw silt loam, 1 to 4 percent slopes										
Warsaw	B	Low	January	—	—	—	—	None	—	None
			February	—	—	—	—	None	—	None
			March	—	—	—	—	None	—	None
			April	—	—	—	—	None	—	None
			May	—	—	—	—	None	—	None
			June	—	—	—	—	None	—	None
			July	—	—	—	—	None	—	None
			August	—	—	—	—	None	—	None
			September	—	—	—	—	None	—	None
			October	—	—	—	—	None	—	None
			November	—	—	—	—	None	—	None
			December	—	—	—	—	None	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
Wc—Westland silty clay loam										
Westland	B/D	Negligible	January	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			February	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			March	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			April	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			May	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None
			June	—	—	—	—	—	—	None
			July	—	—	—	—	—	—	None
			August	—	—	—	—	—	—	None
			September	—	—	—	—	—	—	None
			October	—	—	—	—	—	—	None
			November	—	—	—	—	—	—	None
			December	0.0-0.5	>6.0	0.0-0.5	Long (7 to 30 days)	Frequent	—	None

Water Features--Union County, Ohio										
Map unit symbol and soil name	Hydrologic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface depth	Duration	Frequency	Duration	Frequency
				<i>Ft</i>	<i>Ft</i>	<i>Ft</i>				
We--Wetzel silty clay loam										
Wetzel	C/D	Negligible	January	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			February	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			March	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			April	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			May	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None
			June	—	—	—	—	—	—	None
			July	—	—	—	—	—	—	None
			August	—	—	—	—	—	—	None
			September	—	—	—	—	—	—	None
			October	—	—	—	—	—	—	None
			November	—	—	—	—	—	—	None
			December	0.0-0.5	>6.0	0.0-1.0	Long (7 to 30 days)	Frequent	—	None

Data Source Information

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