

Engineering Interpretations

Water Features

This table gives estimates of several important water features, which are used in land use planning that involves engineering considerations. Water features which are covered include hydrologic soil groups, flooding frequency and duration, and seasonal high water table.

Hydrologic Soil Groups

The Hydrologic Soil Group, designated A, B, C or D, is a group of soils that, when saturated, have the same runoff potential under similar storm and cover conditions. Soil properties that influence runoff potential are those that influence the minimum rate of infiltration for a bare soil after prolonged wetting and when not frozen. These properties are depth to seasonally high water table, intake rate, permeability after prolonged wetting, and depth to very slowly permeable layer. The influences of ground cover and slope are treated independently --- not in hydrologic soil groups.

In the definitions of the classes, infiltration rate is the rate at which water enters the soil at the surface and is controlled by surface conditions.

Transmission rate is the rate at which water moves in the soil and is controlled by properties of the soil layers.

Hydrologic Soil Group A

Soils having high infiltration rates even when thoroughly wetted and consisting chiefly of deep, well-drained to excessively drained sands or gravels. These soils have a high rate of water transmission. (Low runoff potential)

Hydrologic Soil Group B

Soils having moderate infiltration rates when thoroughly wetted, consisting chiefly of moderately deep or deep, moderately well or well drained soils with moderately fine to moderately coarse textures. These soils have a moderate rate of water transmission.

Hydrologic Soil Group C

Soils having slow infiltration rates when thoroughly wetted, consisting chiefly of (1) soils with a layer that impedes the downward movement of water, or (2) soils with moderately fine or fine textures and slow infiltration rate. These soils have a slow rate of water transmission.

Hydrologic Soil Group D

Soils having very slow infiltration rates when thoroughly wetted, consisting chiefly of (1) clayey soils with high swelling capacity or potential, (2) soils with a high permanent water table, (3) soils with a claypan or clay layer at or near the surface, and (4) shallow soils over nearly impervious materials. These soils have a very slow rate of water transmission. (High runoff potential)

Dual Hydrologic Groups

Dual hydrologic groups, A/D, B/D and C/D, are given for criteria with soils that can be adequately drained. The first letter applies to the drained condition and the second to the undrained condition. Only soils that are rated D in their natural condition are assigned to dual groups.

Flooding

The temporary covering of the soil surface by flowing water, is caused by overflowing streams, by runoff from adjacent slopes, or by inflow from high tides. Shallow water standing or flowing for short periods after rainfall or snowmelt is not considered flooding. Standing water in marshes and swamps or in a closed depression is considered ponding. Frequency, duration, and probable dates of occurrence are estimated.

Frequency generally is expressed as none, occasional, or frequent. None means that flooding is not probable. Occasional means that flooding occurs infrequently under normal weather conditions (there is a 5 to 50 percent chance of flooding in any year). Frequent means that flooding occurs often under normal weather conditions (there is a 50 percent chance of flooding in any year). Common groups frequent and occasional flooding into one class.

Duration is expressed as very brief (less than 2 days), brief (2 to 7 days), long (7 to 30 days), and very long (more than 30 days).

Probable dates of occurrence that floods are most likely to occur are expressed in months. About two-thirds to three-fourths of all flooding occurs during the stated period.

High Water Table (Seasonal)

This is a zone of saturation at the highest average depth during the wettest season. It is at least 6 inches thick, persists in the soil for more than a few weeks, and is within 6 feet of the soil surface. The depth to a seasonal high water table applies to undrained soils. Soils that have a seasonal high water table are classified according to depth to the water table, kind of water table, and time of year when the water table is highest. Three kinds of seasonal high water table are recognized within the soil: apparent, perched, and artesian. Another kind is above the soil surface much of the time causing ponding.

Apparent water table is the level at which water stands in a freshly dug, unlined borehole after adequate time for adjustments in the surrounding soil.

Perched water table is one that exists in the soil above an unsaturated zone. A water table may be inferred to be perched on the basis of general knowledge of the area. To prove that a water table is perched, the water levels in boreholes must be observed to fall when the borehole is extended

Artesian water table is one that exists under hydrostatic head beneath an impermeable layer; when the impermeable layer has been penetrated by a cased borehole, the water rises.

Ponding is standing water in a closed depression. The water is removed only by percolation, transpiration, or evaporation.

This subsection includes:

- **Water Features**

Macon County, Missouri
Water Features

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
14C2: Armstrong-----	C	January	1.0-3.0	5.9-5.9	---	---	None	---	None
		February	1.0-3.0	5.9-5.9	---	---	None	---	None
		March	1.0-3.0	5.9-5.9	---	---	None	---	None
		April	1.0-3.0	5.9-5.9	---	---	None	---	None
		May	1.0-3.0	5.9-5.9	---	---	None	---	None
		June	1.0-3.0	5.9-5.9	---	---	None	---	None
		July	1.0-3.0	5.9-5.9	---	---	None	---	None
		November	1.0-3.0	5.9-5.9	---	---	None	---	None
		December	1.0-3.0	5.9-5.9	---	---	None	---	None
		14D2: Armstrong-----	C	January	1.0-3.0	5.9-5.9	---	---	None
February	1.0-3.0			5.9-5.9	---	---	None	---	None
March	1.0-3.0			5.9-5.9	---	---	None	---	None
April	1.0-3.0			5.9-5.9	---	---	None	---	None
May	1.0-3.0			5.9-5.9	---	---	None	---	None
June	1.0-3.0			5.9-5.9	---	---	None	---	None
July	1.0-3.0			5.9-5.9	---	---	None	---	None
November	1.0-3.0			5.9-5.9	---	---	None	---	None
December	1.0-3.0			5.9-5.9	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
15C3: Armstrong-----	C	January	1.0-3.0	5.9-5.9	---	---	None	---	None
		February	1.0-3.0	5.9-5.9	---	---	None	---	None
		March	1.0-3.0	5.9-5.9	---	---	None	---	None
		April	1.0-3.0	5.9-5.9	---	---	None	---	None
		May	1.0-3.0	5.9-5.9	---	---	None	---	None
		June	1.0-3.0	5.9-5.9	---	---	None	---	None
		July	1.0-3.0	5.9-5.9	---	---	None	---	None
		November	1.0-3.0	5.9-5.9	---	---	None	---	None
		December	1.0-3.0	5.9-5.9	---	---	None	---	None
		15D3: Armstrong-----	C	January	1.0-3.0	5.9-5.9	---	---	None
February	1.0-3.0			5.9-5.9	---	---	None	---	None
March	1.0-3.0			5.9-5.9	---	---	None	---	None
April	1.0-3.0			5.9-5.9	---	---	None	---	None
May	1.0-3.0			5.9-5.9	---	---	None	---	None
June	1.0-3.0			5.9-5.9	---	---	None	---	None
July	1.0-3.0			5.9-5.9	---	---	None	---	None
November	1.0-3.0			5.9-5.9	---	---	None	---	None
December	1.0-3.0			5.9-5.9	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
16C2: Bevier-----	C	January	0.5-1.5	5.9-5.9	---	---	None	---	None
		February	0.5-1.5	5.9-5.9	---	---	None	---	None
		March	0.5-1.5	5.9-5.9	---	---	None	---	None
		April	0.5-1.5	5.9-5.9	---	---	None	---	None
		November	0.5-1.5	5.9-5.9	---	---	None	---	None
		December	0.5-1.5	5.9-5.9	---	---	None	---	None
17C: Purdin-----	C	January	2.0-3.5	5.9-5.9	---	---	None	---	None
		February	2.0-3.5	5.9-5.9	---	---	None	---	None
		March	2.0-3.5	5.9-5.9	---	---	None	---	None
		April	2.0-3.5	5.9-5.9	---	---	None	---	None
		November	2.0-3.5	5.9-5.9	---	---	None	---	None
		December	2.0-3.5	5.9-5.9	---	---	None	---	None
17E: Purdin-----	C	January	2.0-3.5	5.9-5.9	---	---	None	---	None
		February	2.0-3.5	5.9-5.9	---	---	None	---	None
		March	2.0-3.5	5.9-5.9	---	---	None	---	None
		April	2.0-3.5	5.9-5.9	---	---	None	---	None
		November	2.0-3.5	5.9-5.9	---	---	None	---	None
		December	2.0-3.5	5.9-5.9	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
18C2: Gorin-----	C	January	1.5-2.5	5.9-5.9	---	---	None	---	None
		February	1.5-2.5	5.9-5.9	---	---	None	---	None
		March	1.5-2.5	5.9-5.9	---	---	None	---	None
		April	1.5-2.5	5.9-5.9	---	---	None	---	None
		November	1.5-2.5	5.9-5.9	---	---	None	---	None
		December	1.5-2.5	5.9-5.9	---	---	None	---	None
19E2: Gosport-----	C	Jan-Dec	---	---	---	---	None	---	None
22F: Vanmeter-----	C	Jan-Dec	---	---	---	---	None	---	None
23C2: Keswick-----	C	January	1.0-3.0	5.9-5.9	---	---	None	---	None
		February	1.0-3.0	5.9-5.9	---	---	None	---	None
		March	1.0-3.0	5.9-5.9	---	---	None	---	None
		April	1.0-3.0	5.9-5.9	---	---	None	---	None
		May	1.0-3.0	5.9-5.9	---	---	None	---	None
		June	1.0-3.0	5.9-5.9	---	---	None	---	None
		July	1.0-3.0	5.9-5.9	---	---	None	---	None
		November	1.0-3.0	5.9-5.9	---	---	None	---	None
		December	1.0-3.0	5.9-5.9	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
23E3: Keswick-----	C	January	1.0-3.0	5.9-5.9	---	---	None	---	None
		February	1.0-3.0	5.9-5.9	---	---	None	---	None
		March	1.0-3.0	5.9-5.9	---	---	None	---	None
		April	1.0-3.0	5.9-5.9	---	---	None	---	None
		May	1.0-3.0	5.9-5.9	---	---	None	---	None
		June	1.0-3.0	5.9-5.9	---	---	None	---	None
		July	1.0-3.0	5.9-5.9	---	---	None	---	None
		November	1.0-3.0	5.9-5.9	---	---	None	---	None
		December	1.0-3.0	5.9-5.9	---	---	None	---	None
		26B2: Leonard-----	D	January	0.5-1.5	5.9-5.9	---	---	None
February	0.5-1.5			5.9-5.9	---	---	None	---	None
March	0.5-1.5			5.9-5.9	---	---	None	---	None
April	0.5-1.5			5.9-5.9	---	---	None	---	None
May	0.5-1.5			5.9-5.9	---	---	None	---	None
November	0.5-1.5			5.9-5.9	---	---	None	---	None
December	0.5-1.5			5.9-5.9	---	---	None	---	None
27C: Winnegan-----	C			January	2.0-3.5	5.9-5.9	---	---	None
		February	2.0-3.5	5.9-5.9	---	---	None	---	None
		March	2.0-3.5	5.9-5.9	---	---	None	---	None
		April	2.0-3.5	5.9-5.9	---	---	None	---	None
		November	2.0-3.5	5.9-5.9	---	---	None	---	None
		December	2.0-3.5	5.9-5.9	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
32B2: Adco-----	D	January	1.0-2.5	5.9-5.9	---	---	None	---	None
		February	1.0-2.5	5.9-5.9	---	---	None	---	None
		March	1.0-2.5	5.9-5.9	---	---	None	---	None
		April	1.0-2.5	5.9-5.9	---	---	None	---	None
		May	1.0-2.5	5.9-5.9	---	---	None	---	None
		November	1.0-2.5	5.9-5.9	---	---	None	---	None
		December	1.0-2.5	5.9-5.9	---	---	None	---	None
		40: Vesser-----	C	January	0.0-1.0	>6.0	---	---	None
February	0.0-1.0			>6.0	---	---	None	Brief	Occasional
March	0.0-1.0			>6.0	---	---	None	Brief	Occasional
April	0.0-1.0			>6.0	---	---	None	Brief	Occasional
May	0.0-1.0			>6.0	---	---	None	Brief	Occasional
June	0.0-1.0			>6.0	---	---	None	---	None
July	0.0-1.0			>6.0	---	---	None	---	None
November	0.0-1.0			>6.0	---	---	None	Brief	Occasional
December	0.0-1.0			>6.0	---	---	None	Brief	Occasional

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
41B: Marion-----	D	January	1.0-2.0	5.9-5.9	---	---	None	---	None
		February	1.0-2.0	5.9-5.9	---	---	None	---	None
		March	1.0-2.0	5.9-5.9	---	---	None	---	None
		April	1.0-2.0	5.9-5.9	---	---	None	---	None
		May	1.0-2.0	5.9-5.9	---	---	None	---	None
		November	1.0-2.0	5.9-5.9	---	---	None	---	None
		December	1.0-2.0	5.9-5.9	---	---	None	---	None
42: Bremer-----	C	January	1.0-2.0	>6.0	---	---	None	---	None
		February	1.0-2.0	>6.0	---	---	None	---	None
		March	1.0-2.0	>6.0	---	---	None	---	None
		April	1.0-2.0	>6.0	---	---	None	---	None
		May	1.0-2.0	>6.0	---	---	None	---	None
		June	1.0-2.0	>6.0	---	---	None	---	None
		July	1.0-2.0	>6.0	---	---	None	---	None
		November	1.0-2.0	>6.0	---	---	None	---	None
		December	1.0-2.0	>6.0	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
43: Chariton-----	C	January	0.0-1.5	5.9-5.9	---	---	None	---	None
		February	0.0-1.5	5.9-5.9	---	---	None	---	None
		March	0.0-1.5	5.9-5.9	---	---	None	---	None
		April	0.0-1.5	5.9-5.9	---	---	None	---	None
		May	0.0-1.5	5.9-5.9	---	---	None	---	None
		November	0.0-1.5	5.9-5.9	---	---	None	---	None
		December	0.0-1.5	5.9-5.9	---	---	None	---	None
		44B: Gifford-----	D	January	0.5-1.5	5.9-5.9	---	---	None
February	0.5-1.5			5.9-5.9	---	---	None	---	None
March	0.5-1.5			5.9-5.9	---	---	None	---	None
April	0.5-1.5			5.9-5.9	---	---	None	---	None
November	0.5-1.5			5.9-5.9	---	---	None	---	None
December	0.5-1.5			5.9-5.9	---	---	None	---	None
44C2: Gifford-----	D			January	0.5-1.5	5.9-5.9	---	---	None
		February	0.5-1.5	5.9-5.9	---	---	None	---	None
		March	0.5-1.5	5.9-5.9	---	---	None	---	None
		April	0.5-1.5	5.9-5.9	---	---	None	---	None
		November	0.5-1.5	5.9-5.9	---	---	None	---	None
		December	0.5-1.5	5.9-5.9	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
45A: Moniteau-----	C/D	January	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		February	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		March	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		April	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		May	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		November	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		December	0.0-1.0	>6.0	---	---	None	Brief	Occasional
46B: Vigar-----	C	January	2.0-3.0	>6.0	---	---	None	---	None
		February	2.0-3.0	>6.0	---	---	None	---	None
		March	2.0-3.0	>6.0	---	---	None	---	None
		April	2.0-3.0	>6.0	---	---	None	---	None
		November	2.0-3.0	>6.0	---	---	None	---	None
		December	2.0-3.0	>6.0	---	---	None	---	None
51: Wilbur-----	B	January	1.5-2.0	>6.0	---	---	None	Brief	Frequent
		February	1.5-2.0	>6.0	---	---	None	Brief	Frequent
		March	1.5-2.0	>6.0	---	---	None	Brief	Frequent
		April	1.5-2.0	>6.0	---	---	None	Brief	Frequent
		May	---	---	---	---	None	Brief	Frequent
		November	---	---	---	---	None	Brief	Frequent
		December	1.5-2.0	>6.0	---	---	None	Brief	Frequent

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
52: Blackoar-----	B/D	January	0.0-1.0	>6.0	---	---	None	Brief	Frequent
		February	0.0-1.0	>6.0	---	---	None	Brief	Frequent
		March	0.0-1.0	>6.0	---	---	None	Brief	Frequent
		April	0.0-1.0	>6.0	---	---	None	Brief	Frequent
		May	0.0-1.0	>6.0	---	---	None	Brief	Frequent
		November	0.0-1.0	>6.0	---	---	None	Brief	Frequent
		December	0.0-1.0	>6.0	---	---	None	Brief	Frequent
53: Chequest-----	C	January	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		February	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		March	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		April	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		May	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		June	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		July	0.0-1.0	>6.0	---	---	None	---	None
		November	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		December	0.0-1.0	>6.0	---	---	None	Brief	Occasional

Macon County, Missouri
Water Features

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
55: Piopolis-----	C/D	January	0.0	>6.0	0.0-1.0	Brief	None	Brief	Frequent
		February	0.0	>6.0	0.0-1.0	Brief	None	Brief	Frequent
		March	0.0	>6.0	0.0-1.0	Brief	None	Brief	Frequent
		April	0.0	>6.0	0.0-1.0	Brief	None	Brief	Frequent
		May	0.0	>6.0	0.0-1.0	Brief	None	Brief	Frequent
		June	0.0	>6.0	0.0-1.0	Brief	None	---	None
		November	0.0	>6.0	0.0-1.0	Brief	None	Brief	Frequent
		December	0.0	>6.0	0.0-1.0	Brief	None	Brief	Frequent
		56: Darwin-----	D	January	0.0	>6.0	0.0-1.0	Brief	None
February	0.0			>6.0	0.0-1.0	Brief	None	Brief	Occasional
March	0.0			>6.0	0.0-1.0	Brief	None	Brief	Occasional
April	0.0			>6.0	0.0-1.0	Brief	None	Brief	Occasional
May	0.0			>6.0	0.0-1.0	Brief	None	Brief	Occasional
June	---			---	---	---	None	Brief	Occasional
November	0.0			>6.0	0.0-1.0	Brief	None	Brief	Occasional
December	0.0			>6.0	0.0-1.0	Brief	None	Brief	Occasional

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
57: Floriss-----	B	January	3.0-5.0	>6.0	---	---	None	Brief	Frequent
		February	3.0-5.0	>6.0	---	---	None	Brief	Frequent
		March	3.0-5.0	>6.0	---	---	None	Brief	Frequent
		April	3.0-5.0	>6.0	---	---	None	Brief	Frequent
		May	3.0-5.0	>6.0	---	---	None	Brief	Frequent
		June	3.0-5.0	>6.0	---	---	None	Brief	Frequent
		November	3.0-5.0	>6.0	---	---	None	Brief	Frequent
		December	3.0-5.0	>6.0	---	---	None	Brief	Frequent
58: Excello-----	B/D	January	0.0-1.5	>6.0	---	---	None	Brief	Frequent
		February	0.0-1.5	>6.0	---	---	None	Brief	Frequent
		March	0.0-1.5	>6.0	---	---	None	Brief	Frequent
		April	0.0-1.5	>6.0	---	---	None	Brief	Frequent
		May	0.0-1.5	>6.0	---	---	None	Brief	Frequent
		November	0.0-1.5	>6.0	---	---	None	Brief	Frequent
		December	0.0-1.5	>6.0	---	---	None	Brief	Frequent
60E: Lenzburg-----	B	Jan-Dec	---	---	---	---	None	---	None
60F: Lenzburg-----	B	Jan-Dec	---	---	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
63B: Zook-----	C	January	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		February	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		March	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		April	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		May	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		June	0.0-1.0	>6.0	---	---	None	---	None
		July	0.0-1.0	>6.0	---	---	None	---	None
		November	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		December	0.0-1.0	>6.0	---	---	None	Brief	Occasional
65: Dockery-----		C	January	1.5-2.5	>6.0	---	---	None	Brief
	February		1.5-2.5	>6.0	---	---	None	Brief	Occasional
	March		1.5-2.5	>6.0	---	---	None	Brief	Occasional
	April		1.5-2.5	>6.0	---	---	None	Brief	Occasional
	May		1.5-2.5	>6.0	---	---	None	Brief	Occasional
	June		1.5-2.5	>6.0	---	---	None	---	None
	November		1.5-2.5	>6.0	---	---	None	Brief	Occasional
	December		1.5-2.5	>6.0	---	---	None	Brief	Occasional

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
66: Tice-----	B	January	1.0-2.0	>6.0	---	---	None	Brief	Frequent
		February	1.0-2.0	>6.0	---	---	None	Brief	Frequent
		March	1.0-2.0	>6.0	---	---	None	Brief	Frequent
		April	1.0-2.0	>6.0	---	---	None	Brief	Frequent
		May	1.0-2.0	>6.0	---	---	None	Brief	Frequent
		November	---	---	---	---	None	Brief	Frequent
		December	---	---	---	---	None	Brief	Frequent
67: Aquents-----	---	Jan-Dec	---	---	---	---	None	---	None
68: Bremer-----	C	January	1.0-2.0	>6.0	---	---	None	Very brief	Occasional
		February	1.0-2.0	>6.0	---	---	None	Very brief	Occasional
		March	1.0-2.0	>6.0	---	---	None	Very brief	Occasional
		April	1.0-2.0	>6.0	---	---	None	Very brief	Occasional
		May	1.0-2.0	>6.0	---	---	None	Very brief	Occasional
		June	1.0-2.0	>6.0	---	---	None	---	None
		July	1.0-2.0	>6.0	---	---	None	---	None
		November	1.0-2.0	>6.0	---	---	None	Very brief	Occasional
		December	1.0-2.0	>6.0	---	---	None	Very brief	Occasional

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
69: Floriss-----	B	January	3.0-5.0	>6.0	---	---	None	Brief	Occasional
		February	3.0-5.0	>6.0	---	---	None	Brief	Occasional
		March	3.0-5.0	>6.0	---	---	None	Brief	Occasional
		April	3.0-5.0	>6.0	---	---	None	Brief	Occasional
		May	3.0-5.0	>6.0	---	---	None	Brief	Occasional
		June	3.0-5.0	>6.0	---	---	None	---	None
		November	3.0-5.0	>6.0	---	---	None	Brief	Occasional
		December	3.0-5.0	>6.0	---	---	None	Brief	Occasional
AED: Orthent-----	---	Jan-Dec	---	---	---	---	None	---	None
M-W: Water-----	---	Jan-Dec	---	---	---	---	None	---	None
W: Water-----	---	Jan-Dec	---	---	---	---	None	---	None