

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.)

Clarke County, Iowa

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				
13B: Olmitz-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
Zook-----	C/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Long	Occasional
		March	0.0-1.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.0-1.0	>6.0	---	---	None	Long	Occasional
		June	---	---	---	---	None	Long	Occasional
		July	---	---	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	0.0-1.0	>6.0	---	---	None	Long	Occasional
		December	0.0-1.0	>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				
Colo-----	B/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Long	Occasional
		March	0.0-1.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.0-1.0	>6.0	---	---	None	Long	Occasional
		June	0.0-1.0	>6.0	---	---	None	Long	Occasional
		July	0.0-1.0	>6.0	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	0.0-1.0	>6.0	---	---	None	Long	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None
23C: Arispe-----	C	January	2.0-4.0	---	---	---	None	---	None
		February	2.0-4.0	---	---	---	None	---	None
		March	2.0-4.0	---	---	---	None	---	None
		April	2.0-4.0	---	---	---	None	---	None
		May	2.0-4.0	---	---	---	None	---	None
		June	2.0-4.0	---	---	---	None	---	None
		July	2.0-4.0	---	---	---	None	---	None
		November	2.0-4.0	---	---	---	None	---	None
		December	2.0-4.0	---	---	---	None	---	None

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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
23C2: Arispe-----	C	January	2.0-4.0	---	---	---	None	---	None
		February	2.0-4.0	---	---	---	None	---	None
		March	2.0-4.0	---	---	---	None	---	None
		April	2.0-4.0	---	---	---	None	---	None
		May	2.0-4.0	---	---	---	None	---	None
		June	2.0-4.0	---	---	---	None	---	None
		July	2.0-4.0	---	---	---	None	---	None
		November	2.0-4.0	---	---	---	None	---	None
		December	2.0-4.0	---	---	---	None	---	None
24D: Shelby-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
24D2: Shelby-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None

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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
24E: Shelby-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
24E2: Shelby-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
24E3: Shelby-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None

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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
24F: Shelby-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
		January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
May	4.0-6.0	>6.0	---	---	None	---	None		
June	4.0-6.0	>6.0	---	---	None	---	None		
November	4.0-6.0	>6.0	---	---	None	---	None		
December	4.0-6.0	>6.0	---	---	None	---	None		
51: Vesser-----	C	January	0.0-1.0	>6.0	---	---	None	---	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	Brief	Occasional
		July	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		August	---	---	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	---	---	---	---	None	Brief	Occasional
		November	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None

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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
51B: Vesser-----	C	January	0.0-1.0	>6.0	---	---	None	---	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	Brief	Occasional
		July	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		August	---	---	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	---	---	---	---	None	Brief	Occasional
		November	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None
54: Zook-----	C/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Long	Occasional
		March	0.0-1.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.0-1.0	>6.0	---	---	None	Long	Occasional
		June	---	---	---	---	None	Long	Occasional
		July	---	---	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	0.0-1.0	>6.0	---	---	None	Long	Occasional
		December	0.0-1.0	>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				
54+: Zook-----	C/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Long	Occasional
		March	0.0-1.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.0-1.0	>6.0	---	---	None	Long	Occasional
		June	---	---	---	---	None	Long	Occasional
		July	---	---	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	0.0-1.0	>6.0	---	---	None	Long	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None
56C: Cantril-----	B	January	2.0-4.0	>6.0	---	---	None	---	None
		February	2.0-4.0	>6.0	---	---	None	---	None
		March	2.0-4.0	>6.0	---	---	None	---	None
		April	2.0-4.0	>6.0	---	---	None	---	None
		May	2.0-4.0	>6.0	---	---	None	---	None
		June	2.0-4.0	>6.0	---	---	None	---	None
		July	2.0-4.0	>6.0	---	---	None	---	None
		November	2.0-4.0	>6.0	---	---	None	---	None
		December	2.0-4.0	>6.0	---	---	None	---	None
65D: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
65E: Lindley-----	C	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				
65F: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
65F2: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
65G: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
69C: Clearfield-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
69C2: Clearfield-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
76C2: Ladoga-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		July	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
87B: Zook-----	C/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Long	Occasional
		March	0.0-1.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.0-1.0	>6.0	---	---	None	Long	Occasional
		June	---	---	---	---	None	Long	Occasional
		July	---	---	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	0.0-1.0	>6.0	---	---	None	Long	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None

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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
Colo-----	B/D		Ft	Ft	Ft				
		January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Long	Occasional
		March	0.0-1.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.0-1.0	>6.0	---	---	None	Long	Occasional
		June	0.0-1.0	>6.0	---	---	None	Long	Occasional
		July	0.0-1.0	>6.0	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	0.0-1.0	>6.0	---	---	None	Long	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None
93D: Shelby-----	B								
		January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
Adair-----	C								
		January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
93D2: Shelby-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
Adair-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
93D3: Adair-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

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Water Features

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Clarke County, Iowa

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				
Shelby-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
94D: Caleb-----	B	January	3.0-5.0	---	---	---	None	---	None
		February	3.0-5.0	---	---	---	None	---	None
		March	3.0-5.0	---	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	3.0-5.0	---	---	---	None	---	None
		December	3.0-5.0	---	---	---	None	---	None
Mystic-----	C	January	3.0-5.0	---	---	---	None	---	None
		February	3.0-5.0	---	---	---	None	---	None
		March	3.0-5.0	---	---	---	None	---	None
		April	3.0-5.0	---	---	---	None	---	None
		May	3.0-5.0	---	---	---	None	---	None
		June	3.0-5.0	---	---	---	None	---	None
		July	3.0-5.0	---	---	---	None	---	None
		November	3.0-5.0	---	---	---	None	---	None
		December	3.0-5.0	---	---	---	None	---	None

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Clarke County, Iowa

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				
94D2: Caleb-----	B	January	3.0-5.0	---	---	---	None	---	None
		February	3.0-5.0	---	---	---	None	---	None
		March	3.0-5.0	---	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	3.0-5.0	---	---	---	None	---	None
		December	3.0-5.0	---	---	---	None	---	None
Mystic-----	C	January	3.0-5.0	---	---	---	None	---	None
		February	3.0-5.0	---	---	---	None	---	None
		March	3.0-5.0	---	---	---	None	---	None
		April	3.0-5.0	---	---	---	None	---	None
		May	3.0-5.0	---	---	---	None	---	None
		June	3.0-5.0	---	---	---	None	---	None
		July	3.0-5.0	---	---	---	None	---	None
		November	3.0-5.0	---	---	---	None	---	None
		December	3.0-5.0	---	---	---	None	---	None
94E2: Caleb-----	B	January	3.0-5.0	---	---	---	None	---	None
		February	3.0-5.0	---	---	---	None	---	None
		March	3.0-5.0	---	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	3.0-5.0	---	---	---	None	---	None
		December	3.0-5.0	---	---	---	None	---	None

Water Features

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Clarke County, Iowa

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						
Mystic-----	C	January	3.0-5.0	---	---	---	None	---	None		
		February	3.0-5.0	---	---	---	None	---	None		
		March	3.0-5.0	---	---	---	None	---	None		
		April	3.0-5.0	---	---	---	None	---	None		
		May	3.0-5.0	---	---	---	None	---	None		
		June	3.0-5.0	---	---	---	None	---	None		
		July	3.0-5.0	---	---	---	None	---	None		
		November	3.0-5.0	---	---	---	None	---	None		
		December	3.0-5.0	---	---	---	None	---	None		
		131B: Pershing-----	C	January	2.0-4.0	---	---	---	None	---	None
				February	2.0-4.0	---	---	---	None	---	None
				March	2.0-4.0	---	---	---	None	---	None
April	2.0-4.0			---	---	---	None	---	None		
May	2.0-4.0			---	---	---	None	---	None		
June	2.0-4.0			---	---	---	None	---	None		
July	2.0-4.0			---	---	---	None	---	None		
November	2.0-4.0			---	---	---	None	---	None		
December	2.0-4.0			---	---	---	None	---	None		
131C: Pershing-----	C			January	2.0-4.0	---	---	---	None	---	None
				February	2.0-4.0	---	---	---	None	---	None
				March	2.0-4.0	---	---	---	None	---	None
		April	2.0-4.0	---	---	---	None	---	None		
		May	2.0-4.0	---	---	---	None	---	None		
		June	2.0-4.0	---	---	---	None	---	None		
		July	2.0-4.0	---	---	---	None	---	None		
		November	2.0-4.0	---	---	---	None	---	None		
		December	2.0-4.0	---	---	---	None	---	None		

Water Features

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Clarke County, Iowa

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				
131C2: Pershing-----	C	January	2.0-4.0	---	---	---	None	---	None
		February	2.0-4.0	---	---	---	None	---	None
		March	2.0-4.0	---	---	---	None	---	None
		April	2.0-4.0	---	---	---	None	---	None
		May	2.0-4.0	---	---	---	None	---	None
		June	2.0-4.0	---	---	---	None	---	None
		July	2.0-4.0	---	---	---	None	---	None
		November	2.0-4.0	---	---	---	None	---	None
		December	2.0-4.0	---	---	---	None	---	None
132C: Weller-----	C	January	2.0-4.0	---	---	---	None	---	None
		February	2.0-4.0	---	---	---	None	---	None
		March	2.0-4.0	---	---	---	None	---	None
		April	2.0-4.0	---	---	---	None	---	None
		May	2.0-4.0	---	---	---	None	---	None
		June	2.0-4.0	---	---	---	None	---	None
		July	2.0-4.0	---	---	---	None	---	None
		November	2.0-4.0	---	---	---	None	---	None
		December	2.0-4.0	---	---	---	None	---	None

Water Features

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Clarke County, Iowa

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				
133: Colo-----	B/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Long	Occasional
		March	0.0-1.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.0-1.0	>6.0	---	---	None	Long	Occasional
		June	0.0-1.0	>6.0	---	---	None	Long	Occasional
		July	0.0-1.0	>6.0	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	0.0-1.0	>6.0	---	---	None	Long	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None
133B: Colo-----	B/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Long	Occasional
		March	0.0-1.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.0-1.0	>6.0	---	---	None	Long	Occasional
		June	0.0-1.0	>6.0	---	---	None	Long	Occasional
		July	0.0-1.0	>6.0	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	0.0-1.0	>6.0	---	---	None	Long	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None

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Water Features

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Clarke County, Iowa

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				
179D: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
179D2: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
179E: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None

Water Features

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Clarke County, Iowa

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				
179E2: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
179E3: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
179F: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None

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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit Ft	Lower limit Ft	Surface water depth Ft	Duration	Frequency	Duration	Frequency
179F2: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
192C: Adair-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
192C2: Adair-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

Water Features

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Clarke County, Iowa

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				
192D: Adair-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
192D2: Adair-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
192D3: Adair-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit Ft	Lower limit Ft	Surface water depth Ft	Duration	Frequency	Duration	Frequency
211: Edina-----	D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	---	None
		March	0.0-1.0	>6.0	---	---	None	---	None
		April	0.0-1.0	>6.0	---	---	None	---	None
		November	0.0-1.0	>6.0	---	---	None	---	None
		December	0.0-1.0	>6.0	---	---	None	---	None
220: Nodaway-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		March	4.0-6.0	>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	Brief	Occasional
		July	3.0-5.0	>6.0	---	---	None	Brief	Occasional
		August	---	---	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	---	---	---	---	None	Brief	Occasional
		November	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		December	4.0-6.0	>6.0	---	---	None	---	None
222C: Clarinda-----	D	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

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.)

Clarke County, Iowa

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				
222C2: Clarinda-----	D	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
222C3: Clarinda-----	D	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
222D2: Clarinda-----	D	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

Water Features

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Clarke County, Iowa

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				
269: Humeston-----	C/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Very brief	Occasional
		March	0.0-1.0	>6.0	---	---	None	Very brief	Occasional
		April	0.0-1.0	>6.0	---	---	None	Very brief	Occasional
		May	0.0-1.0	>6.0	---	---	None	Very brief	Occasional
		June	0.0-1.0	>6.0	---	---	None	Very brief	Occasional
		July	0.0-1.0	>6.0	---	---	None	Very brief	Occasional
		August	---	---	---	---	None	Very brief	Occasional
		September	---	---	---	---	None	Very brief	Occasional
		October	---	---	---	---	None	Very brief	Occasional
		November	0.0-1.0	>6.0	---	---	None	Very brief	Occasional
		December	0.0-1.0	>6.0	---	---	None	---	None
273B: Olmitz-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
273C: Olmitz-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None

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Water Features

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Clarke County, Iowa

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				
362: Haig-----	C/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	---	None
		March	0.0-1.0	>6.0	---	---	None	---	None
		April	0.0-1.0	>6.0	---	---	None	---	None
		May	0.0-1.0	>6.0	---	---	None	---	None
		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	---	None
		December	0.0-1.0	>6.0	---	---	None	---	None
364B: Grundy-----	C	March	1.5-3.0	---	---	---	None	---	None
		April	1.5-3.0	---	---	---	None	---	None
		May	1.5-3.0	---	---	---	None	---	None
368: Macksburg-----	B	April	2.0-4.0	>6.0	---	---	None	---	None
		May	2.0-4.0	>6.0	---	---	None	---	None
		June	2.0-4.0	>6.0	---	---	None	---	None
		July	2.0-4.0	>6.0	---	---	None	---	None
368B: Macksburg-----	B	April	2.0-4.0	>6.0	---	---	None	---	None
		May	2.0-4.0	>6.0	---	---	None	---	None
		June	2.0-4.0	>6.0	---	---	None	---	None
		July	2.0-4.0	>6.0	---	---	None	---	None

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Water Features

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Clarke County, Iowa

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					
369: Winterset-----	C	January	0.0-1.0	>6.0	---	---	None	---	None	
		February	0.0-1.0	>6.0	---	---	None	---	None	
		March	0.0-1.0	>6.0	---	---	None	---	None	
		April	0.0-1.0	>6.0	---	---	None	---	None	
		May	0.0-1.0	>6.0	---	---	None	---	None	
		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	---	None	
		December	0.0-1.0	>6.0	---	---	None	---	None	
370B: Sharpsburg-----		B	January	4.0-6.0	>6.0	---	---	None	---	None
			February	4.0-6.0	>6.0	---	---	None	---	None
			March	4.0-6.0	>6.0	---	---	None	---	None
	April		4.0-6.0	>6.0	---	---	None	---	None	
	May		4.0-6.0	>6.0	---	---	None	---	None	
	June		4.0-6.0	>6.0	---	---	None	---	None	
	July		4.0-6.0	>6.0	---	---	None	---	None	
	November		4.0-6.0	>6.0	---	---	None	---	None	
	December		4.0-6.0	>6.0	---	---	None	---	None	
370C: Sharpsburg-----	B		January	4.0-6.0	>6.0	---	---	None	---	None
			February	4.0-6.0	>6.0	---	---	None	---	None
			March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None	
		May	4.0-6.0	>6.0	---	---	None	---	None	
		June	4.0-6.0	>6.0	---	---	None	---	None	
		July	4.0-6.0	>6.0	---	---	None	---	None	
		November	4.0-6.0	>6.0	---	---	None	---	None	
		December	4.0-6.0	>6.0	---	---	None	---	None	

Water Features

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Clarke County, Iowa

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						
370C2: Sharpsburg-----	B	January	4.0-6.0	>6.0	---	---	None	---	None		
		February	4.0-6.0	>6.0	---	---	None	---	None		
		March	4.0-6.0	>6.0	---	---	None	---	None		
		April	4.0-6.0	>6.0	---	---	None	---	None		
		May	4.0-6.0	>6.0	---	---	None	---	None		
		June	4.0-6.0	>6.0	---	---	None	---	None		
		July	4.0-6.0	>6.0	---	---	None	---	None		
		November	4.0-6.0	>6.0	---	---	None	---	None		
		December	4.0-6.0	>6.0	---	---	None	---	None		
		423C2: Bucknell-----	D	January	1.0-3.0	---	---	---	None	---	None
				February	1.0-3.0	---	---	---	None	---	None
				March	1.0-3.0	---	---	---	None	---	None
April	1.0-3.0			---	---	---	None	---	None		
May	1.0-3.0			---	---	---	None	---	None		
June	1.0-3.0			---	---	---	None	---	None		
July	1.0-3.0			---	---	---	None	---	None		
November	1.0-3.0			---	---	---	None	---	None		
December	1.0-3.0			---	---	---	None	---	None		
423D: Bucknell-----	D			January	1.0-3.0	---	---	---	None	---	None
				February	1.0-3.0	---	---	---	None	---	None
				March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None		
		May	1.0-3.0	---	---	---	None	---	None		
		June	1.0-3.0	---	---	---	None	---	None		
		July	1.0-3.0	---	---	---	None	---	None		
		November	1.0-3.0	---	---	---	None	---	None		
		December	1.0-3.0	---	---	---	None	---	None		

Water Features

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Clarke County, Iowa

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						
423D2: Bucknell-----	D	January	1.0-3.0	---	---	---	None	---	None		
		February	1.0-3.0	---	---	---	None	---	None		
		March	1.0-3.0	---	---	---	None	---	None		
		April	1.0-3.0	---	---	---	None	---	None		
		May	1.0-3.0	---	---	---	None	---	None		
		June	1.0-3.0	---	---	---	None	---	None		
		July	1.0-3.0	---	---	---	None	---	None		
		November	1.0-3.0	---	---	---	None	---	None		
		December	1.0-3.0	---	---	---	None	---	None		
		425D: Keswick-----	C	January	1.0-3.0	---	---	---	None	---	None
				February	1.0-3.0	---	---	---	None	---	None
				March	1.0-3.0	---	---	---	None	---	None
April	1.0-3.0			---	---	---	None	---	None		
May	1.0-3.0			---	---	---	None	---	None		
June	1.0-3.0			---	---	---	None	---	None		
July	1.0-3.0			---	---	---	None	---	None		
November	1.0-3.0			---	---	---	None	---	None		
December	1.0-3.0			---	---	---	None	---	None		
425D2: Keswick-----	C			January	1.0-3.0	---	---	---	None	---	None
				February	1.0-3.0	---	---	---	None	---	None
				March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None		
		May	1.0-3.0	---	---	---	None	---	None		
		June	1.0-3.0	---	---	---	None	---	None		
		July	1.0-3.0	---	---	---	None	---	None		
		November	1.0-3.0	---	---	---	None	---	None		
		December	1.0-3.0	---	---	---	None	---	None		

Water Features

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Clarke County, Iowa

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				
430: Ackmore-----	B	January	1.0-3.0	>6.0	---	---	None	Brief	Occasional
		February	1.0-3.0	>6.0	---	---	None	Brief	Occasional
		March	1.0-3.0	>6.0	---	---	None	Brief	Occasional
		April	1.0-3.0	>6.0	---	---	None	Brief	Occasional
		May	1.0-3.0	>6.0	---	---	None	Brief	Occasional
		June	1.0-3.0	>6.0	---	---	None	Brief	Occasional
		July	1.0-3.0	>6.0	---	---	None	---	None
		September	---	---	---	---	None	Brief	Occasional
		October	---	---	---	---	None	Brief	Occasional
		November	1.0-3.0	>6.0	---	---	None	Brief	Occasional
		December	1.0-3.0	>6.0	---	---	None	Brief	Occasional
452C2: Lineville-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

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Water Features

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Clarke County, Iowa

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				
484: Lawson-----	C	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	Long	Occasional
		April	1.0-3.0	>6.0	---	---	None	Long	Occasional
		May	1.0-3.0	>6.0	---	---	None	Long	Occasional
		June	1.0-3.0	>6.0	---	---	None	Long	Occasional
		July	---	---	---	---	None	Long	Occasional
		August	---	---	---	---	None	Long	Occasional
		September	---	---	---	---	None	Long	Occasional
		October	---	---	---	---	None	Long	Occasional
		November	1.0-3.0	>6.0	---	---	None	Long	Occasional
		December	1.0-3.0	>6.0	---	---	None	---	None
570C: Nira-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		July	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None

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Clarke County, Iowa

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						
570C2: Nira-----	B	January	4.0-6.0	>6.0	---	---	None	---	None		
		February	4.0-6.0	>6.0	---	---	None	---	None		
		March	4.0-6.0	>6.0	---	---	None	---	None		
		April	4.0-6.0	>6.0	---	---	None	---	None		
		May	4.0-6.0	>6.0	---	---	None	---	None		
		June	4.0-6.0	>6.0	---	---	None	---	None		
		July	4.0-6.0	>6.0	---	---	None	---	None		
		November	4.0-6.0	>6.0	---	---	None	---	None		
		December	4.0-6.0	>6.0	---	---	None	---	None		
		592C2: Mystic-----	C	January	3.0-5.0	---	---	---	None	---	None
				February	3.0-5.0	---	---	---	None	---	None
March	3.0-5.0			---	---	---	None	---	None		
April	3.0-5.0			---	---	---	None	---	None		
May	3.0-5.0			---	---	---	None	---	None		
June	3.0-5.0			---	---	---	None	---	None		
July	3.0-5.0			---	---	---	None	---	None		
November	3.0-5.0			---	---	---	None	---	None		
December	3.0-5.0			---	---	---	None	---	None		
592D2: Mystic-----	C			January	3.0-5.0	---	---	---	None	---	None
				February	3.0-5.0	---	---	---	None	---	None
		March	3.0-5.0	---	---	---	None	---	None		
		April	3.0-5.0	---	---	---	None	---	None		
		May	3.0-5.0	---	---	---	None	---	None		
		June	3.0-5.0	---	---	---	None	---	None		
		July	3.0-5.0	---	---	---	None	---	None		
		November	3.0-5.0	---	---	---	None	---	None		
		December	3.0-5.0	---	---	---	None	---	None		

FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

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.)

Clarke County, Iowa

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				
730C: Cantril-----	B	January	2.0-4.0	>6.0	---	---	None	---	None
		February	2.0-4.0	>6.0	---	---	None	---	None
		March	2.0-4.0	>6.0	---	---	None	---	None
		April	2.0-4.0	>6.0	---	---	None	---	None
		May	2.0-4.0	>6.0	---	---	None	---	None
		June	2.0-4.0	>6.0	---	---	None	---	None
		July	2.0-4.0	>6.0	---	---	None	---	None
		November	2.0-4.0	>6.0	---	---	None	---	None
		December	2.0-4.0	>6.0	---	---	None	---	None
Nodaway-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		March	4.0-6.0	>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	Brief	Occasional
		July	3.0-5.0	>6.0	---	---	None	Brief	Occasional
		August	---	---	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	---	---	---	---	None	Brief	Occasional
		November	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		December	4.0-6.0	>6.0	---	---	None	---	None

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.)

Clarke County, Iowa

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						
792C: Armstrong-----	C	January	1.0-3.0	---	---	---	None	---	None		
		February	1.0-3.0	---	---	---	None	---	None		
		March	1.0-3.0	---	---	---	None	---	None		
		April	1.0-3.0	---	---	---	None	---	None		
		May	1.0-3.0	---	---	---	None	---	None		
		June	1.0-3.0	---	---	---	None	---	None		
		July	1.0-3.0	---	---	---	None	---	None		
		November	1.0-3.0	---	---	---	None	---	None		
		December	1.0-3.0	---	---	---	None	---	None		
		792C2: Armstrong-----	C	January	1.0-3.0	---	---	---	None	---	None
				February	1.0-3.0	---	---	---	None	---	None
				March	1.0-3.0	---	---	---	None	---	None
April	1.0-3.0			---	---	---	None	---	None		
May	1.0-3.0			---	---	---	None	---	None		
June	1.0-3.0			---	---	---	None	---	None		
July	1.0-3.0			---	---	---	None	---	None		
November	1.0-3.0			---	---	---	None	---	None		
December	1.0-3.0			---	---	---	None	---	None		
792D: Armstrong-----	C			January	1.0-3.0	---	---	---	None	---	None
				February	1.0-3.0	---	---	---	None	---	None
				March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None		
		May	1.0-3.0	---	---	---	None	---	None		
		June	1.0-3.0	---	---	---	None	---	None		
		July	1.0-3.0	---	---	---	None	---	None		
		November	1.0-3.0	---	---	---	None	---	None		
		December	1.0-3.0	---	---	---	None	---	None		

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.)

Clarke County, Iowa

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				
792D2: Armstrong-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
		792D3: Armstrong-----	C	January	1.0-3.0	---	---	---	None
February	1.0-3.0			---	---	---	None	---	None
March	1.0-3.0			---	---	---	None	---	None
April	1.0-3.0			---	---	---	None	---	None
May	1.0-3.0			---	---	---	None	---	None
June	1.0-3.0			---	---	---	None	---	None
July	1.0-3.0			---	---	---	None	---	None
November	1.0-3.0			---	---	---	None	---	None
December	1.0-3.0			---	---	---	None	---	None
822C: Lamoni-----	C			January	1.0-3.0	---	---	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

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.)

Clarke County, Iowa

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				
822C2: Lamoni-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
822C3: Lamoni-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
822D: Lamoni-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

Water Features

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Clarke County, Iowa

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				
822D2: Lamoni-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
		822D3: Lamoni-----	C	January	1.0-3.0	---	---	---	None
February	1.0-3.0			---	---	---	None	---	None
March	1.0-3.0			---	---	---	None	---	None
April	1.0-3.0			---	---	---	None	---	None
May	1.0-3.0			---	---	---	None	---	None
June	1.0-3.0			---	---	---	None	---	None
July	1.0-3.0			---	---	---	None	---	None
November	1.0-3.0			---	---	---	None	---	None
December	1.0-3.0			---	---	---	None	---	None
892C2: Mystic Variant-----	D			January	1.0-3.0	---	---	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None

Water Features

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Clarke County, Iowa

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				
993D2: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
Armstrong-----	C	January	1.0-3.0	---	---	---	None	---	None
		February	1.0-3.0	---	---	---	None	---	None
		March	1.0-3.0	---	---	---	None	---	None
		April	1.0-3.0	---	---	---	None	---	None
		May	1.0-3.0	---	---	---	None	---	None
		June	1.0-3.0	---	---	---	None	---	None
		July	1.0-3.0	---	---	---	None	---	None
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
993E2: Gara-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	4.0-6.0	>6.0	---	---	None	---	None
		March	4.0-6.0	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.0-6.0	>6.0	---	---	None	---	None
		June	4.0-6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None

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.)

Clarke County, Iowa

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						
Armstrong-----	C	January	1.0-3.0	---	---	---	None	---	None		
		February	1.0-3.0	---	---	---	None	---	None		
		March	1.0-3.0	---	---	---	None	---	None		
		April	1.0-3.0	---	---	---	None	---	None		
		May	1.0-3.0	---	---	---	None	---	None		
		June	1.0-3.0	---	---	---	None	---	None		
		July	1.0-3.0	---	---	---	None	---	None		
		November	1.0-3.0	---	---	---	None	---	None		
		December	1.0-3.0	---	---	---	None	---	None		
		1715: Nodaway-----	B	January	4.0-6.0	>6.0	---	---	None	---	None
				February	4.0-6.0	>6.0	---	---	None	Brief	Frequent
March	4.0-6.0			>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		
July	3.0-5.0			>6.0	---	---	None	Brief	Frequent		
August	---			---	---	---	None	Brief	Frequent		
September	---			---	---	---	None	Brief	Frequent		
October	---			---	---	---	None	Brief	Frequent		
November	4.0-6.0			>6.0	---	---	None	Brief	Frequent		
December	4.0-6.0			>6.0	---	---	None	---	None		

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.)

Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
Lawson-----	C		Ft	Ft	Ft				
		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	Brief	Frequent
		April	1.0-3.0	>6.0	---	---	None	Brief	Frequent
		May	1.0-3.0	>6.0	---	---	None	Brief	Frequent
		June	---	---	---	---	None	Brief	Frequent
		July	---	---	---	---	None	Brief	Frequent
		August	---	---	---	---	None	Brief	Frequent
		September	---	---	---	---	None	Brief	Frequent
		October	---	---	---	---	None	Brief	Frequent
		November	1.0-3.0	>6.0	---	---	None	Brief	Frequent
		December	1.0-3.0	>6.0	---	---	None	---	None
5030: Pits-----	---	Jan-Dec	---	---	---	---	None	---	None
5040: Orthents-----	---	Jan-Dec	---	---	---	---	None	---	None