

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.)

Lucas 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: Zook-----	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
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
		July	4.0-6.0	>6.0	---	---	None	---	None
		August	6.0	>6.0	---	---	None	---	None
		September	6.0	>6.0	---	---	None	---	None
		October	6.0	>6.0	---	---	None	---	None
		November	4.0-6.0	>6.0	---	---	None	---	None
		December	4.0-6.0	>6.0	---	---	None	---	None
Vesser-----	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	---	None
		April	1.0-3.0	>6.0	---	---	None	---	None
		May	1.0-3.0	>6.0	---	---	None	---	None
		June	1.0-3.0	>6.0	---	---	None	---	None
		July	1.0-3.0	>6.0	---	---	None	---	None
		November	1.0-3.0	>6.0	---	---	None	---	None
		December	1.0-3.0	>6.0	---	---	None	---	None

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Lucas 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				
24E3: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
		Jan-Dec	---	---	---	---	None	---	None
24F2: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
		Jan-Dec	---	---	---	---	None	---	None
51: Vesser-----	C	January	1.0-3.0	>6.0	---	---	None	---	None
		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	Brief	Occasional
		August	---	---	---	---	None	Brief	Occasional
		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	---	None

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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
51+: Vesser-----	C	January	1.0-3.0	>6.0	---	---	None	---	None
		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	Brief	Occasional
		August	---	---	---	---	None	Brief	Occasional
		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	---	None
51B: Vesser-----	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	---	None
		April	1.0-3.0	>6.0	---	---	None	---	None
		May	1.0-3.0	>6.0	---	---	None	---	None
		June	1.0-3.0	>6.0	---	---	None	---	None
		July	1.0-3.0	>6.0	---	---	None	---	None
		November	1.0-3.0	>6.0	---	---	None	---	None
		December	1.0-3.0	>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	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	1.0-3.0	>6.0	---	---	None	---	None
		June	1.0-3.0	>6.0	---	---	None	---	None
		July	1.0-3.0	>6.0	---	---	None	---	None
		November	1.0-3.0	>6.0	---	---	None	---	None
		December	1.0-3.0	>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	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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			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	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
54B: Zook-----	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
65E: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
65E2: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None

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			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
65G2: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
93D2: Shelby-----	B	Jan-Dec	---	---	---	---	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				
94D2: Mystic-----	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
Caleb-----	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
94E2: Mystic-----	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						
Caleb-----	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		
		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		

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			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		
		131D2: 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		
132B: 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		

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			Ft	Ft	Ft				
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
		132C2: Weller-----	C	January	2.0-4.0	---	---	---	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
132D2: Weller-----	C			January	2.0-4.0	---	---	---	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				
172: Wabash-----	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
179D2: Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
179E: Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
179E2: Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
179E3: Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
179F: Gara-----	C	Jan-Dec	---	---	---	---	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.)

Lucas 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				
179F2: Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
179G2: Gara-----	C	Jan-Dec	---	---	---	---	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
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

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.)

Lucas 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				
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
		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
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	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		May	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		June	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		July	4.0-6.0	>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.)

Lucas 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				
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
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

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.)

Lucas 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				
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
223C2: Rinda-----	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
223D2: Rinda-----	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.)

Lucas 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
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

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.)

Lucas 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				
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
		July	4.0-6.0	>6.0	---	---	None	---	None
		August	6.0	>6.0	---	---	None	---	None
		September	6.0	>6.0	---	---	None	---	None
		October	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
		July	4.0-6.0	>6.0	---	---	None	---	None
		August	6.0	>6.0	---	---	None	---	None
		September	6.0	>6.0	---	---	None	---	None
		October	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.)

Lucas 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				
313D2: Gospport-----	C	January	1.5-3.0	---	---	---	None	---	None
		February	1.5-3.0	---	---	---	None	---	None
		March	1.5-3.0	---	---	---	None	---	None
		April	1.5-3.0	---	---	---	None	---	None
		May	1.5-3.0	---	---	---	None	---	None
		June	1.5-3.0	---	---	---	None	---	None
		July	1.5-3.0	---	---	---	None	---	None
		November	1.5-3.0	---	---	---	None	---	None
		December	1.5-3.0	---	---	---	None	---	None
		313E2: Gospport-----	C	January	1.5-3.0	---	---	---	None
February	1.5-3.0			---	---	---	None	---	None
March	1.5-3.0			---	---	---	None	---	None
April	1.5-3.0			---	---	---	None	---	None
May	1.5-3.0			---	---	---	None	---	None
June	1.5-3.0			---	---	---	None	---	None
July	1.5-3.0			---	---	---	None	---	None
November	1.5-3.0			---	---	---	None	---	None
December	1.5-3.0			---	---	---	None	---	None
313F: Gospport-----	C			January	1.5-3.0	---	---	---	None
		February	1.5-3.0	---	---	---	None	---	None
		March	1.5-3.0	---	---	---	None	---	None
		April	1.5-3.0	---	---	---	None	---	None
		May	1.5-3.0	---	---	---	None	---	None
		June	1.5-3.0	---	---	---	None	---	None
		July	1.5-3.0	---	---	---	None	---	None
		November	1.5-3.0	---	---	---	None	---	None
		December	1.5-3.0	---	---	---	None	---	None

Water Features

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Lucas 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				
313F2: Gosport-----	C	January	1.5-3.0	---	---	---	None	---	None
		February	1.5-3.0	---	---	---	None	---	None
		March	1.5-3.0	---	---	---	None	---	None
		April	1.5-3.0	---	---	---	None	---	None
		May	1.5-3.0	---	---	---	None	---	None
		June	1.5-3.0	---	---	---	None	---	None
		July	1.5-3.0	---	---	---	None	---	None
		November	1.5-3.0	---	---	---	None	---	None
		December	1.5-3.0	---	---	---	None	---	None
		362: Haig-----	C/D	January	0.0-1.0	>6.0	---	---	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			January	1.5-3.0	---	---	---	None
		February	1.5-3.0	---	---	---	None	---	None
		March	1.5-3.0	---	---	---	None	---	None
		April	1.5-3.0	---	---	---	None	---	None
		May	1.5-3.0	---	---	---	None	---	None
		June	1.5-3.0	---	---	---	None	---	None
		July	1.5-3.0	---	---	---	None	---	None
		November	1.5-3.0	---	---	---	None	---	None
		December	1.5-3.0	---	---	---	None	---	None

Water Features

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Lucas 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				
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
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

Water Features

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Lucas 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				
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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Lucas 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	---	None
		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	Brief	Occasional
		August	---	---	---	---	None	Brief	Occasional
		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	---	None
451D2: Caleb-----	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

(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.)

Lucas 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				
451E2: Caleb-----	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
452C: 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
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

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.)

Lucas 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				
453: Tuskeego-----	C/D	January	0.0-1.0	>6.0	---	---	None	---	None
		February	0.0-1.0	>6.0	---	---	None	Brief	Rare
		March	0.0-1.0	>6.0	---	---	None	Brief	Rare
		April	0.0-1.0	>6.0	---	---	None	Brief	Rare
		May	0.0-1.0	>6.0	---	---	None	Brief	Rare
		June	0.0-1.0	>6.0	---	---	None	Brief	Rare
		July	0.0-1.0	>6.0	---	---	None	Brief	Rare
		August	---	---	---	---	None	Brief	Rare
		September	---	---	---	---	None	Brief	Rare
		October	---	---	---	---	None	Brief	Rare
		November	0.0-1.0	>6.0	---	---	None	Brief	Rare
		December	0.0-1.0	>6.0	---	---	None	---	None
470D2: 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
Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None

Water Features

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Lucas 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-----	D	January	1.0-3.0	>6.0	---	---	None	---	None
		February	1.0-3.0	>6.0	---	---	None	Long	Occasional
		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	1.0-3.0	>6.0	---	---	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
587: Chequest-----	C	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

Water Features

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Lucas 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				
587+: Chequest-----	C	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
592C2: Mystic-----	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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Lucas 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				
592D2: Mystic-----	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
711: Nodaway-----	D	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	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		May	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		June	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		July	4.0-6.0	>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

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Lucas 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				
Lawson-----	D	January	1.0-3.0	>6.0	---	---	None	---	None
		February	1.0-3.0	>6.0	---	---	None	Long	Occasional
		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	1.0-3.0	>6.0	---	---	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
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

Water Features

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Lucas 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				
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
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
792D2: 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

Water Features

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Lucas 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				
792D3: 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
822C: 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
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

Water Features

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Lucas 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				
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
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
831B: 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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Lucas 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						
831C: 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		
		831C2: 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		
894D2: 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

(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.)

Lucas 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				
Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
993D2: Gara-----	C	Jan-Dec	---	---	---	---	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
1711: Nodaway-----	D	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	4.0-6.0	>6.0	---	---	None	Brief	Frequent
		May	4.0-6.0	>6.0	---	---	None	Brief	Frequent
		June	4.0-6.0	>6.0	---	---	None	Brief	Frequent
		July	4.0-6.0	>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.)

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
		Jan-Dec	Ft ---	Ft ---	Ft ---	---	None	---	None

