

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
		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
		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	
23C: Arispe-----	C		Ft	Ft	Ft					
		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	
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		Jan-Dec	---	---	---	---	None	---	None
24D2: Shelby-----			B	Jan-Dec	---	---	---	---	None	---
24E2: Shelby-----	B	Jan-Dec		---	---	---	---	None	---	None

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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
24E3: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24F2: Shelby-----	B	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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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
51+: Vesser-----	C		Ft	Ft	Ft				
		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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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						
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	1.0-5.0			>6.0	---	---	None	Long	Occasional		
September	1.0-5.0			>6.0	---	---	None	Long	Occasional		
October	1.0-5.0			>6.0	---	---	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	0.0-1.0	>6.0	---	---	None	Long	Occasional
		July	0.0-1.0	>6.0	---	---	None	Long	Occasional
		August	1.0-5.0	>6.0	---	---	None	Long	Occasional
		September	1.0-5.0	>6.0	---	---	None	Long	Occasional
		October	1.0-5.0	>6.0	---	---	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	---
	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
	November		0.0-1.0	>6.0	---	---	None	---	None
	December		0.0-1.0	>6.0	---	---	None	---	None
65E: Lindley-----	C		Jan-Dec	---	---	---	---	None	---
65E2: Lindley-----		C	Jan-Dec	---	---	---	---	None	---
65F: Lindley-----	C								

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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
		Jan-Dec	Ft ---	Ft ---	Ft ---	---	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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Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding		
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency	
94D2: Mystic-----	C		Ft	Ft	Ft					
		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	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	
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		
Caleb-----	B		Ft	Ft	Ft						
		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		
		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	
131C2: Pershing-----	C		Ft	Ft	Ft					
		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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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency		
			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	---	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	---	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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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				
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	1.0-5.0	>6.0	---	---	None	Long	Occasional
		September	1.0-5.0	>6.0	---	---	None	Long	Occasional
		October	1.0-5.0	>6.0	---	---	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

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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
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

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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					
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	

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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	
222C2: Clarinda-----	D		Ft	Ft	Ft					
		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	

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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	
223C2: Rinda-----	D		Ft	Ft	Ft					
		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	

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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				
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	1.0-5.0	>6.0	---	---	None	Very brief	Occasional
		September	1.0-5.0	>6.0	---	---	None	Very brief	Occasional
		October	1.0-5.0	>6.0	---	---	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	---
	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		1.0-5.0	>6.0	---	---	None	Very brief	Occasional
	September		1.0-5.0	>6.0	---	---	None	Very brief	Occasional
	October		1.0-5.0	>6.0	---	---	None	Very brief	Occasional
	November		0.0-1.0	>6.0	---	---	None	Very brief	Occasional
	December		0.0-1.0	>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						
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		
313D2: 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	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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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				
313E2: 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	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
		313F: Gosport-----	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	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
313F2: Gosport-----	C			January	1.5-3.0	>6.0	---	---	None
		February	1.5-3.0	>6.0	---	---	None	---	None
		March	1.5-3.0	>6.0	---	---	None	---	None
		April	1.5-3.0	>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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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						
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	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		
November	1.5-3.0			---	---	---	None	---	None		
December	1.5-3.0			---	---	---	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		

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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						
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		
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		

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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						
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		
		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		
451D2: 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		

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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						
451E2: 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		
		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		

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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				
453: Tuskeego-----	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
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

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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	---	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
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	1.0-5.0	>6.0	---	---	None	Long	Occasional
		September	1.0-5.0	>6.0	---	---	None	Long	Occasional
		October	1.0-5.0	>6.0	---	---	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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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
587+: Chequest-----	C		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	1.0-5.0	>6.0	---	---	None	Long	Occasional
		September	1.0-5.0	>6.0	---	---	None	Long	Occasional
		October	1.0-5.0	>6.0	---	---	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

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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	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		

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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
Lawson-----	D		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	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		
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

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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	
792C2: Armstrong-----	C		Ft	Ft	Ft					
		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	
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	

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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	
792D3: Armstrong-----	C		Ft	Ft	Ft					
		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	

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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		

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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						
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		

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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
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	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

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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
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		
5021: Orthents-----	---	Jan-Dec	---	---	---	---	None	---	None
5025: Strip Mines-----	---	Jan-Dec	---	---	---	---	None	---	None
5040: Orthents-----	---	Jan-Dec	---	---	---	---	None	---	None
INT: Intermittent Water-----	---	Jan-Dec	---	---	---	---	None	---	None
SL: Sewage Lagoon-----	---	Jan-Dec	---	---	---	---	None	---	None
W: Water Less Than 40 Acres--	---								