

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.)

Decatur County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
13B: Olmitz-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None
		Zook-----	C/D	January	2.0-3.5	>6.0	---	---	None
February	1.5-3.0			>6.0	---	---	None	Long	Occasional
March	0.5-2.0			>6.0	---	---	None	Long	Occasional
April	0.0-1.0			>6.0	---	---	None	Long	Occasional
May	0.5-2.0			>6.0	---	---	None	Long	Occasional
June	1.0-2.0			>6.0	---	---	None	Long	Occasional
July	2.0-3.5			>6.0	---	---	None	Long	Occasional
August	2.5-3.5			>6.0	---	---	None	Long	Occasional
September	3.0-4.0			>6.0	---	---	None	Long	Occasional
October	2.5-3.5			>6.0	---	---	None	Long	Occasional
November	1.5-3.0			>6.0	---	---	None	Long	Occasional
December	2.0-3.5			>6.0	---	---	None	---	None

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Decatur 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
Vesser-----	C		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Brief	Rare
		March	1.5-4.0	>6.0	---	---	None	Brief	Rare
		April	1.0-3.5	>6.0	---	---	None	Brief	Rare
		May	1.5-4.0	>6.0	---	---	None	Brief	Rare
		June	2.0-4.5	>6.0	---	---	None	Brief	Rare
		July	3.0-5.5	>6.0	---	---	None	Brief	Rare
		August	3.5-6.0	>6.0	---	---	None	Brief	Rare
		September	4.0-6.5	>6.0	---	---	None	Brief	Rare
		October	3.5-6.0	>6.0	---	---	None	Brief	Rare
		November	2.5-5.0	>6.0	---	---	None	Brief	Rare
December	3.0-5.5	>6.0	---	---	None	---	None		
23C: Arispe-----	C	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
		December	3.0-5.5	>6.0	---	---	None	---	None

Water Features

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Decatur 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
23C2: Arispe-----	C		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
		December	3.0-5.5	>6.0	---	---	None	---	None
24D: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24D2: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24E2: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24F2: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None

Water Features

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Decatur 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
43: Bremer-----	C		Ft	Ft	Ft				
		January	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	---	None	---	None
		March	0.5-2.0	>6.0	---	---	None	Brief	Rare
		April	0.0-1.0	>6.0	---	---	None	Brief	Rare
		May	0.5-1.5	>6.0	---	---	None	Brief	Rare
		June	1.0-2.0	>6.0	---	---	None	Brief	Rare
		July	2.0-3.0	>6.0	---	---	None	Brief	Rare
		August	2.5-3.5	>6.0	---	---	None	Brief	Rare
		September	3.0-4.0	>6.0	---	---	None	Brief	Rare
		October	2.5-3.5	>6.0	---	---	None	Brief	Rare
		November	1.5-3.0	>6.0	---	---	None	Brief	Rare
		December	2.0-3.5	>6.0	---	---	None	---	None
51: Vesser-----	C								
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Brief	Occasional
		March	1.5-4.0	>6.0	---	---	None	Brief	Occasional
		April	1.0-3.5	>6.0	---	---	None	Brief	Occasional
		May	1.5-4.0	>6.0	---	---	None	Brief	Occasional
		June	2.0-4.5	>6.0	---	---	None	Brief	Occasional
		July	3.0-5.5	>6.0	---	---	None	Brief	Occasional
		August	3.5-6.0	>6.0	---	---	None	Brief	Occasional
		September	4.0-6.5	>6.0	---	---	None	Brief	Occasional
		October	3.5-6.0	>6.0	---	---	None	Brief	Occasional
		November	2.5-5.0	>6.0	---	---	None	Brief	Occasional
		December	3.0-5.5	>6.0	---	---	None	---	None

Water Features

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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
51B: Vesser-----	C		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Brief	Rare
		March	1.5-4.0	>6.0	---	---	None	Brief	Rare
		April	1.0-3.5	>6.0	---	---	None	Brief	Rare
		May	1.5-4.0	>6.0	---	---	None	Brief	Rare
		June	2.0-4.5	>6.0	---	---	None	Brief	Rare
		July	3.0-5.5	>6.0	---	---	None	Brief	Rare
		August	3.5-6.0	>6.0	---	---	None	Brief	Rare
		September	4.0-6.5	>6.0	---	---	None	Brief	Rare
		October	3.5-6.0	>6.0	---	---	None	Brief	Rare
		November	2.5-5.0	>6.0	---	---	None	Brief	Rare
	December	3.0-5.5	>6.0	---	---	None	---	None	
54: Zook-----	C/D								
		January	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	---	None	Long	Occasional
		March	0.5-2.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.5-1.5	>6.0	---	---	None	Long	Occasional
		June	1.0-2.0	>6.0	---	---	None	Long	Occasional
		July	2.0-3.0	>6.0	---	---	None	Long	Occasional
		August	2.5-3.5	>6.0	---	---	None	Long	Occasional
		September	3.0-4.0	>6.0	---	---	None	Long	Occasional
		October	2.5-3.5	>6.0	---	---	None	Long	Occasional
		November	1.5-3.0	>6.0	---	---	None	Long	Occasional
	December	2.0-3.5	>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
54+: Zook-----	C/D		Ft	Ft	Ft				
		January	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	---	None	Long	Occasional
		March	0.5-2.0	>6.0	---	---	None	Long	Occasional
		April	0.0-1.0	>6.0	---	---	None	Long	Occasional
		May	0.5-1.5	>6.0	---	---	None	Long	Occasional
		June	1.0-2.0	>6.0	---	---	None	Long	Occasional
		July	2.0-3.0	>6.0	---	---	None	Long	Occasional
		August	2.5-3.5	>6.0	---	---	None	Long	Occasional
		September	3.0-4.0	>6.0	---	---	None	Long	Occasional
		October	2.5-3.5	>6.0	---	---	None	Long	Occasional
		November	1.5-3.0	>6.0	---	---	None	Long	Occasional
	December	2.0-3.5	>6.0	---	---	None	---	None	
56B: Cantril-----	B								
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
	December	3.0-5.5	>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
56C: Cantril-----	B		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
December	3.0-5.5	>6.0	---	---	None	---	None		
58E: Douds-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None

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Decatur 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
58E2: Douds-----	B		Ft	Ft	Ft				
		January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None
65D: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
65E: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
65E2: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
65F2: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
65G: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None

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Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
88: Nevin-----	B		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Brief	Rare
		March	1.5-4.0	>6.0	---	---	None	Brief	Rare
		April	1.0-3.5	>6.0	---	---	None	Brief	Rare
		May	1.5-4.0	>6.0	---	---	None	Brief	Rare
		June	2.0-4.5	>6.0	---	---	None	Brief	Rare
		July	3.0-5.5	>6.0	---	---	None	Brief	Rare
		August	3.5-6.0	>6.0	---	---	None	Brief	Rare
		September	4.0-6.5	>6.0	---	---	None	Brief	Rare
		October	3.5-6.0	>6.0	---	---	None	Brief	Rare
		November	2.5-5.0	>6.0	---	---	None	Brief	Rare
		December	3.0-5.5	>6.0	---	---	None	---	None
94E: Caleb-----	B								
		January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None

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Decatur 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
Mystic-----	C		Ft	Ft	Ft				
		March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	3.0-5.0	---	---	---	None	---	None
94E2: Caleb-----	B								
		January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None
Mystic-----	C								
		March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None

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Decatur 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
131B: Pershing-----	C		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
		December	3.0-5.5	>6.0	---	---	None	---	None
131C: Pershing-----	C								
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
		December	3.0-5.5	>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.)

Decatur 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
131C2: Pershing-----	C		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
December	3.0-5.5	>6.0	---	---	None	---	None		
132C: Weller-----	C	February	2.5-3.0	3.0-3.0	---	---	None	---	None
		March	2.5-3.0	3.0-3.0	---	---	None	---	None
		April	2.0-2.5	3.0-3.0	---	---	None	---	None
		May	2.5-3.0	3.0-3.0	---	---	None	---	None
		June	2.5-3.0	3.0-3.0	---	---	None	---	None
		October	2.0-2.5	3.0-3.0	---	---	None	---	None
		November	2.0-2.5	3.0-3.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None
132C2: Weller-----	C	February	2.5-3.0	3.0-3.0	---	---	None	---	None
		March	2.5-3.0	3.0-3.0	---	---	None	---	None
		April	2.0-2.5	3.0-3.0	---	---	None	---	None
		May	2.5-3.0	3.0-3.0	---	---	None	---	None
		June	2.5-3.0	3.0-3.0	---	---	None	---	None
		October	2.0-2.5	3.0-3.0	---	---	None	---	None
		November	2.0-2.5	3.0-3.0	---	---	None	---	None
		December	6.0-6.7	>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.)

Decatur 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	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	Long	Frequent	Long	Frequent
		March	0.5-2.0	>6.0	---	Long	Frequent	Long	Frequent
		April	0.0-1.0	>6.0	---	Long	Frequent	Long	Frequent
		May	0.5-1.5	>6.0	---	Long	Frequent	Long	Frequent
		June	1.0-2.0	>6.0	---	Long	Frequent	Long	Frequent
		July	2.0-3.0	>6.0	---	Long	Frequent	Long	Frequent
		August	2.5-3.5	>6.0	---	Long	Frequent	Long	Frequent
		September	3.0-4.0	>6.0	---	Long	Frequent	Long	Frequent
		October	2.5-3.5	>6.0	---	Long	Frequent	Long	Frequent
		November	1.5-3.0	>6.0	---	Long	Frequent	Long	Frequent
		December	2.0-3.5	>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
179F: Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
179F2: 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.)

Decatur 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				
208: Klum-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		March	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		April	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		May	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		June	5.0-6.7	>6.0	---	---	None	Brief	Occasional
		July	6.0-6.7	>6.0	---	---	None	Brief	Occasional
		August	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		November	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		December	6.0-6.7	>6.0	---	---	None	---	None
211: Edina-----	D	March	0.0-1.0	2.0-2.0	---	---	None	---	None
		April	0.0-2.0	2.0-2.0	---	---	None	---	None
		May	0.5-2.5	2.5-2.5	---	---	None	---	None
		June	1.0-2.0	2.5-2.5	---	---	None	---	None
		July	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-2.0	2.0-2.0	---	---	None	---	None
		November	0.5-1.5	2.0-2.0	---	---	None	---	None
		December	1.0-1.5	2.0-2.0	---	---	None	---	None

ENGINEERING INTERPRETATIONS

Water Features

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Decatur 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				
220: Nodaway-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		March	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		April	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		May	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		June	5.0-6.7	>6.0	---	---	None	Brief	Occasional
		July	6.0-6.7	>6.0	---	---	None	Brief	Occasional
		August	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		November	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		December	6.0-6.7	>6.0	---	---	None	---	None
222C: Clarinda-----	D	February	1.5-2.0	2.0-2.0	---	---	None	---	None
		March	0.0-1.0	2.0-2.0	---	---	None	---	None
		April	0.0-1.0	2.0-2.0	---	---	None	---	None
		May	0.5-1.5	2.0-2.0	---	---	None	---	None
		June	1.0-1.5	2.0-2.0	---	---	None	---	None
		July	1.5-2.0	2.0-2.0	---	---	None	---	None
		October	1.0-1.5	2.0-2.0	---	---	None	---	None
		November	1.5-2.0	2.0-2.0	---	---	None	---	None
		December	1.5-2.0	2.0-2.0	---	---	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.)

Decatur County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
222C2: Clarinda-----	D	February	1.5-2.0	2.0-2.0	---	---	None	---	None
		March	0.0-1.0	2.0-2.0	---	---	None	---	None
		April	0.0-1.0	2.0-2.0	---	---	None	---	None
		May	0.5-1.5	2.0-2.0	---	---	None	---	None
		June	1.0-1.5	2.0-2.0	---	---	None	---	None
		July	1.5-2.0	2.0-2.0	---	---	None	---	None
		October	1.0-1.5	2.0-2.0	---	---	None	---	None
		November	1.5-2.0	2.0-2.0	---	---	None	---	None
		December	1.5-2.0	2.0-2.0	---	---	None	---	None
		222D2: Clarinda-----	D	February	1.5-2.0	2.0-2.0	---	---	None
March	0.0-1.0			2.0-2.0	---	---	None	---	None
April	0.0-1.0			2.0-2.0	---	---	None	---	None
May	0.5-1.5			2.0-2.0	---	---	None	---	None
June	1.0-1.5			2.0-2.0	---	---	None	---	None
July	1.5-2.0			2.0-2.0	---	---	None	---	None
October	1.0-1.5			2.0-2.0	---	---	None	---	None
November	1.5-2.0			2.0-2.0	---	---	None	---	None
December	1.5-2.0			2.0-2.0	---	---	None	---	None
223C2: Rinda-----	D			February	1.5-2.0	2.0-2.0	---	---	None
		March	0.0-1.0	2.0-2.0	---	---	None	---	None
		April	0.0-1.0	2.0-2.0	---	---	None	---	None
		May	0.5-1.5	2.0-2.0	---	---	None	---	None
		June	1.0-1.5	2.0-2.0	---	---	None	---	None
		July	1.5-2.0	2.0-2.0	---	---	None	---	None
		October	1.0-1.5	2.0-2.0	---	---	None	---	None
		November	1.5-2.0	2.0-2.0	---	---	None	---	None

	December	1.5-2.0	2.0-2.0	---	---	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.)

Decatur 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						
223D2: Rinda-----	D	February	1.5-2.0	2.0-2.0	---	---	None	---	None		
		March	0.0-1.0	2.0-2.0	---	---	None	---	None		
		April	0.0-1.0	2.0-2.0	---	---	None	---	None		
		May	0.5-1.5	2.0-2.0	---	---	None	---	None		
		June	1.0-1.5	2.0-2.0	---	---	None	---	None		
		July	1.5-2.0	2.0-2.0	---	---	None	---	None		
		October	1.0-1.5	2.0-2.0	---	---	None	---	None		
		November	1.5-2.0	2.0-2.0	---	---	None	---	None		
		December	1.5-2.0	2.0-2.0	---	---	None	---	None		
		232C: Keswick-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None
				April	1.5-2.0	2.5-2.5	---	---	None	---	None
				May	1.5-2.0	2.5-2.5	---	---	None	---	None
June	2.0-2.5			2.5-2.5	---	---	None	---	None		
October	1.0-1.5			2.5-2.5	---	---	None	---	None		
November	1.5-2.0			2.5-2.5	---	---	None	---	None		
December	1.5-2.0			2.5-2.5	---	---	None	---	None		
December	1.5-2.0			2.5-2.5	---	---	None	---	None		
232C2: Keswick-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None		
		April	1.5-2.0	2.5-2.5	---	---	None	---	None		
		May	1.5-2.0	2.5-2.5	---	---	None	---	None		
		June	2.0-2.5	2.5-2.5	---	---	None	---	None		
		October	1.0-1.5	2.5-2.5	---	---	None	---	None		
		November	1.5-2.0	2.5-2.5	---	---	None	---	None		
		December	1.5-2.0	2.5-2.5	---	---	None	---	None		

Water Features

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Decatur 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
269: Humeston-----	C/D		Ft	Ft	Ft				
		March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
273B: Olmitz-----	B								
		January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None

Water Features

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Decatur 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				
273C: Olmitz-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None
		312B: Seymour-----	C	March	1.5-2.5	2.5-2.5	---	---	None
April	1.0-3.0			4.5-4.5	---	---	None	---	None
May	1.5-2.0			2.5-2.5	---	---	None	---	None
June	2.0-2.5			2.5-2.5	---	---	None	---	None
July	4.0-4.5			4.5-4.5	---	---	None	---	None
October	1.0-1.5			2.5-2.5	---	---	None	---	None
November	1.5-2.0			2.5-2.5	---	---	None	---	None
December	1.5-2.5			2.5-2.5	---	---	None	---	None
312C: Seymour-----	C	March	1.5-2.5	2.5-2.5	---	---	None	---	None
		April	1.0-3.0	4.5-4.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None

	July	4.0-4.5	4.5-4.5	---	---	None	---	None
	October	1.0-1.5	2.5-2.5	---	---	None	---	None
	November	1.5-2.0	2.5-2.5	---	---	None	---	None
	December	1.5-2.5	2.5-2.5	---	---	None	---	None

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Decatur 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				
312C2: Seymour-----	C	March	1.5-2.5	2.5-2.5	---	---	None	---	None
		April	1.0-3.0	4.5-4.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		July	4.0-4.5	4.5-4.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.5	2.5-2.5	---	---	None	---	None
		362: Haig-----	C/D	March	0.0-1.0	2.0-2.0	---	---	None
April	0.0-2.0			2.0-2.0	---	---	None	---	None
May	0.5-2.5			2.5-2.5	---	---	None	---	None
June	1.0-2.0			2.5-2.5	---	---	None	---	None
July	2.0-2.5			2.5-2.5	---	---	None	---	None
October	1.0-2.0			2.0-2.0	---	---	None	---	None
November	0.5-1.5			2.0-2.0	---	---	None	---	None
December	1.0-1.5			2.0-2.0	---	---	None	---	None
364B: Grundy-----	C			January	3.0-5.5	>6.0	---	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None

August	3.5-6.0	>6.0	---	---	None	---	None
September	4.0-6.5	>6.0	---	---	None	---	None
October	3.5-6.0	>6.0	---	---	None	---	None
November	2.5-5.0	>6.0	---	---	None	---	None
December	3.0-5.5	>6.0	---	---	None	---	None

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Decatur 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	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
423D2: Bucknell-----	D	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
425C: Keswick-----	C	December	1.5-2.0	2.5-2.5	---	---	None	---	None
		March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None

Water Features

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Decatur 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	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
425D2:									
Keswick-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
425D3:									
Keswick-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None

Water Features

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Decatur 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				
451C2: Caleb-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None
		451D2: Caleb-----	B	January	6.0-6.7	>6.0	---	---	None
February	5.5-6.7			>6.0	---	---	None	---	None
March	4.5-6.5			>6.0	---	---	None	---	None
April	4.0-6.0			>6.0	---	---	None	---	None
May	4.5-6.5			>6.0	---	---	None	---	None
June	5.0-6.7			>6.0	---	---	None	---	None
July	6.0-6.7			>6.0	---	---	None	---	None
August	6.5-6.7			>6.0	---	---	None	---	None
October	6.5-6.7			>6.0	---	---	None	---	None
November	5.5-6.7			>6.0	---	---	None	---	None
December	6.0-6.7			>6.0	---	---	None	---	None

Water Features

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Decatur 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
451E2: Caleb-----	B		Ft	Ft	Ft				
		January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None
		August	6.5-6.7	>6.0	---	---	None	---	None
		October	6.5-6.7	>6.0	---	---	None	---	None
		November	5.5-6.7	>6.0	---	---	None	---	None
		December	6.0-6.7	>6.0	---	---	None	---	None
452C: Lineville-----	C	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
		December	3.0-5.5	>6.0	---	---	None	---	None

Water Features

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Decatur 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
452C2: Lineville-----	C		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
December	3.0-5.5	>6.0	---	---	None	---	None		
453: Tuskeego-----	C/D	January	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	---	None	---	None
		March	0.5-2.0	>6.0	---	---	None	Brief	Rare
		April	0.0-1.0	>6.0	---	---	None	Brief	Rare
		May	0.5-1.5	>6.0	---	---	None	Brief	Rare
		June	1.0-2.0	>6.0	---	---	None	Brief	Rare
		July	2.0-3.0	>6.0	---	---	None	Brief	Rare
		August	2.5-3.5	>6.0	---	---	None	Brief	Rare
		September	3.0-4.0	>6.0	---	---	None	Brief	Rare
		October	2.5-3.5	>6.0	---	---	None	Brief	Rare
		November	1.5-3.0	>6.0	---	---	None	Brief	Rare

	December	2.0-3.5	>6.0	---	---	None	---	None
--	----------	---------	------	-----	-----	------	-----	------

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Decatur 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
484: Lawson-----	C		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Long	Occasional
		March	1.5-4.0	>6.0	---	---	None	Long	Occasional
		April	1.0-3.5	>6.0	---	---	None	Long	Occasional
		May	1.5-4.0	>6.0	---	---	None	Long	Occasional
		June	2.0-4.5	>6.0	---	---	None	Long	Occasional
		July	3.0-5.5	>6.0	---	---	None	Long	Occasional
		August	3.5-6.0	>6.0	---	---	None	Long	Occasional
		September	4.0-6.5	>6.0	---	---	None	Long	Occasional
		October	3.5-6.0	>6.0	---	---	None	Long	Occasional
		November	2.5-5.0	>6.0	---	---	None	Long	Occasional
	December	3.0-5.5	>6.0	---	---	None	---	None	
520: Coppock-----	B	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Brief	Occasional
		March	1.5-4.0	>6.0	---	---	None	Brief	Occasional
		April	1.0-3.5	>6.0	---	---	None	Brief	Occasional
		May	1.5-4.0	>6.0	---	---	None	Brief	Occasional
		June	2.0-4.5	>6.0	---	---	None	Brief	Occasional
		July	3.0-5.5	>6.0	---	---	None	Brief	Occasional
		August	3.5-6.0	>6.0	---	---	None	Brief	Occasional
		September	4.0-6.5	>6.0	---	---	None	Brief	Occasional
		October	3.5-6.0	>6.0	---	---	None	Brief	Occasional
		November	2.5-5.0	>6.0	---	---	None	Brief	Occasional

	December	3.0-5.5	>6.0	---	---	None	---	None
--	----------	---------	------	-----	-----	------	-----	------

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Decatur 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
520B: Coppock-----	B		Ft	Ft	Ft				
		January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Brief	Rare
		March	1.5-4.0	>6.0	---	---	None	Brief	Rare
		April	1.0-3.5	>6.0	---	---	None	Brief	Rare
		May	1.5-4.0	>6.0	---	---	None	Brief	Rare
		June	2.0-4.5	>6.0	---	---	None	Brief	Rare
		July	3.0-5.5	>6.0	---	---	None	Brief	Rare
		August	3.5-6.0	>6.0	---	---	None	Brief	Rare
		September	4.0-6.5	>6.0	---	---	None	Brief	Rare
		October	3.5-6.0	>6.0	---	---	None	Brief	Rare
		November	2.5-5.0	>6.0	---	---	None	Brief	Rare
December	3.0-5.5	>6.0	---	---	None	---	None		
531B: Kniffin-----	C	March	1.5-2.5	2.5-2.5	---	---	None	---	None
		April	1.0-3.0	4.5-4.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		July	4.0-4.5	4.5-4.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.5	2.5-2.5	---	---	None	---	None
531C: Kniffin-----	C								

March	1.5-2.5	2.5-2.5	---	---	None	---	None
April	1.0-3.0	4.5-4.5	---	---	None	---	None
May	1.5-2.0	2.5-2.5	---	---	None	---	None
June	2.0-2.5	2.5-2.5	---	---	None	---	None
July	4.0-4.5	4.5-4.5	---	---	None	---	None
October	1.0-1.5	2.5-2.5	---	---	None	---	None
November	1.5-2.0	2.5-2.5	---	---	None	---	None
December	1.5-2.5	2.5-2.5	---	---	None	---	None

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Decatur 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				
531C2: Kniffin-----	C	March	1.5-2.5	2.5-2.5	---	---	None	---	None
		April	1.0-3.0	4.5-4.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		July	4.0-4.5	4.5-4.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.5	2.5-2.5	---	---	None	---	None
532C: Rathbun-----	C	March	1.5-2.5	2.5-2.5	---	---	None	---	None
		April	1.0-3.0	4.5-4.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		July	4.0-4.5	4.5-4.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.5	2.5-2.5	---	---	None	---	None
532C2: Rathbun-----	C	March	1.5-2.5	2.5-2.5	---	---	None	---	None
		April	1.0-3.0	4.5-4.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None

June	2.0-2.5	2.5-2.5	---	---	None	---	None
July	4.0-4.5	4.5-4.5	---	---	None	---	None
October	1.0-1.5	2.5-2.5	---	---	None	---	None
November	1.5-2.0	2.5-2.5	---	---	None	---	None
December	1.5-2.5	2.5-2.5	---	---	None	---	None

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Decatur 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	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	---	None	Long	Frequent
		March	0.5-2.0	>6.0	---	---	None	Long	Frequent
		April	0.0-1.0	>6.0	---	---	None	Long	Frequent
		May	0.5-1.5	>6.0	---	---	None	Long	Frequent
		June	1.0-2.0	>6.0	---	---	None	Long	Frequent
		July	2.0-3.0	>6.0	---	---	None	Long	Frequent
		August	2.5-3.5	>6.0	---	---	None	Long	Frequent
		September	3.0-4.0	>6.0	---	---	None	Long	Frequent
		October	2.5-3.5	>6.0	---	---	None	Long	Frequent
		November	1.5-3.0	>6.0	---	---	None	Long	Frequent
		December	2.0-3.5	>6.0	---	---	None	---	None
592C: Mystic-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
592C2: Mystic-----	C								

March	1.5-2.0	2.5-2.5	---	---	None	---	None
April	1.5-2.0	2.5-2.5	---	---	None	---	None
May	1.5-2.0	2.5-2.5	---	---	None	---	None
June	2.0-2.5	2.5-2.5	---	---	None	---	None
October	1.0-1.5	2.5-2.5	---	---	None	---	None
November	1.5-2.0	2.5-2.5	---	---	None	---	None
December	1.5-2.0	2.5-2.5	---	---	None	---	None

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Decatur 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	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
594D: Galland-----	D	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
594D2: Galland-----	D	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None

678G: Gasconade-----	D	November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
		Jan-Dec	---	---	---	---	None	---	None

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Decatur 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				
715: Nodaway-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		March	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		April	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		May	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		June	5.0-6.7	>6.0	---	---	None	Brief	Occasional
		July	6.0-6.7	>6.0	---	---	None	Brief	Occasional
		August	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		November	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		December	6.0-6.7	>6.0	---	---	None	---	None
Lawson-----	C	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Long	Occasional
		March	1.5-4.0	>6.0	---	---	None	Long	Occasional
		April	1.0-3.5	>6.0	---	---	None	Long	Occasional
		May	1.5-4.0	>6.0	---	---	None	Long	Occasional
		June	2.0-4.5	>6.0	---	---	None	Long	Occasional
		July	3.0-5.5	>6.0	---	---	None	Long	Occasional
		August	3.5-6.0	>6.0	---	---	None	Long	Occasional
		September	4.0-6.5	>6.0	---	---	None	Long	Occasional
		October	3.5-6.0	>6.0	---	---	None	Long	Occasional
		November	2.5-5.0	>6.0	---	---	None	Long	Occasional

	December	3.0-5.5	>6.0	---	---	None	---	None
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Decatur 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
Klum-----	B		Ft	Ft	Ft				
		January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		March	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		April	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		May	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		June	5.0-6.7	>6.0	---	---	None	Brief	Occasional
		July	6.0-6.7	>6.0	---	---	None	Brief	Occasional
		August	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		November	5.5-6.7	>6.0	---	---	None	Brief	Occasional
December	6.0-6.7	>6.0	---	---	None	---	None		
730C: Cantril-----	B	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None

	December	3.0-5.5	>6.0	---	---	None	---	None
--	----------	---------	------	-----	-----	------	-----	------

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Decatur 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				
Coppock-----	B	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Brief	Rare
		March	1.5-4.0	>6.0	---	---	None	Brief	Rare
		April	1.0-3.5	>6.0	---	---	None	Brief	Rare
		May	1.5-4.0	>6.0	---	---	None	Brief	Rare
		June	2.0-4.5	>6.0	---	---	None	Brief	Rare
		July	3.0-5.5	>6.0	---	---	None	Brief	Rare
		August	3.5-6.0	>6.0	---	---	None	Brief	Rare
		September	4.0-6.5	>6.0	---	---	None	Brief	Rare
		October	3.5-6.0	>6.0	---	---	None	Brief	Rare
		November	2.5-5.0	>6.0	---	---	None	Brief	Rare
		December	3.0-5.5	>6.0	---	---	None	---	None
Nodaway-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		March	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		April	4.0-6.0	>6.0	---	---	None	Brief	Occasional
		May	4.5-6.5	>6.0	---	---	None	Brief	Occasional
		June	5.0-6.7	>6.0	---	---	None	Brief	Occasional
		July	6.0-6.7	>6.0	---	---	None	Brief	Occasional
		August	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		September	---	---	---	---	None	Brief	Occasional
		October	6.5-6.7	>6.0	---	---	None	Brief	Occasional
		November	5.5-6.7	>6.0	---	---	None	Brief	Occasional
		December	6.0-6.7	>6.0	---	---	None	---	None

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Decatur County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
792C:									
Armstrong-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
792C2:									
Armstrong-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
792D:									
Armstrong-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None

October	1.0-1.5	2.5-2.5	---	---	None	---	None
November	1.5-2.0	2.5-2.5	---	---	None	---	None
December	1.5-2.0	2.5-2.5	---	---	None	---	None

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Decatur County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
822D2: Lamoni-----	C	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
		831C2: Pershing-----	C	January	3.0-5.5	>6.0	---	---	None
February	2.5-5.0			>6.0	---	---	None	---	None
March	1.5-4.0			>6.0	---	---	None	---	None
April	1.0-3.5			>6.0	---	---	None	---	None
May	1.5-4.0			>6.0	---	---	None	---	None
June	2.0-4.5			>6.0	---	---	None	---	None
July	3.0-5.5			>6.0	---	---	None	---	None
August	3.5-6.0			>6.0	---	---	None	---	None
September	4.0-6.5			>6.0	---	---	None	---	None
October	3.5-6.0			>6.0	---	---	None	---	None
November	2.5-5.0			>6.0	---	---	None	---	None
December	3.0-5.5			>6.0	---	---	None	---	None

Water Features

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Decatur 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
832C2: Weller-----	C		Ft	Ft	Ft				
		January	4.0-6.0	>6.0	---	---	None	---	None
		February	3.5-5.5	>6.0	---	---	None	---	None
		March	2.5-4.5	>6.0	---	---	None	---	None
		April	2.0-4.0	>6.0	---	---	None	---	None
		May	2.5-4.5	>6.0	---	---	None	---	None
		June	3.0-5.0	>6.0	---	---	None	---	None
		July	4.0-6.0	>6.0	---	---	None	---	None
		August	4.5-6.5	>6.0	---	---	None	---	None
		September	5.0-6.7	>6.0	---	---	None	---	None
		October	4.5-6.5	>6.0	---	---	None	---	None
		November	3.5-5.5	>6.0	---	---	None	---	None
December	4.0-6.0	>6.0	---	---	None	---	None		
994E: Douds-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	---	None
		March	4.5-6.5	>6.0	---	---	None	---	None
		April	4.0-6.0	>6.0	---	---	None	---	None
		May	4.5-6.5	>6.0	---	---	None	---	None
		June	5.0-6.7	>6.0	---	---	None	---	None
		July	6.0-6.7	>6.0	---	---	None	---	None

	August	6.5-6.7	>6.0	---	---	None	---	None
	October	6.5-6.7	>6.0	---	---	None	---	None
	November	5.5-6.7	>6.0	---	---	None	---	None
	December	6.0-6.7	>6.0	---	---	None	---	None

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Decatur 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				
Galland-----	D	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None
		994E2: Douds-----	B	January	6.0-6.7	>6.0	---	---	None
February	5.5-6.7	>6.0		---	---	None	---	None	
March	4.5-6.5	>6.0		---	---	None	---	None	
April	4.0-6.0	>6.0		---	---	None	---	None	
May	4.5-6.5	>6.0		---	---	None	---	None	
June	5.0-6.7	>6.0		---	---	None	---	None	
July	6.0-6.7	>6.0		---	---	None	---	None	
August	6.5-6.7	>6.0		---	---	None	---	None	
October	6.5-6.7	>6.0		---	---	None	---	None	
November	5.5-6.7	>6.0		---	---	None	---	None	
December	6.0-6.7	>6.0		---	---	None	---	None	

Galland-----	D	March	1.5-2.0	2.5-2.5	---	---	None	---	None
		April	1.5-2.0	2.5-2.5	---	---	None	---	None
		May	1.5-2.0	2.5-2.5	---	---	None	---	None
		June	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-1.5	2.5-2.5	---	---	None	---	None
		November	1.5-2.0	2.5-2.5	---	---	None	---	None
		December	1.5-2.0	2.5-2.5	---	---	None	---	None

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Decatur 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				
1130: Belinda-----	D	March	0.0-1.0	2.0-2.0	---	---	None	---	None
		April	0.0-2.0	2.0-2.0	---	---	None	---	None
		May	0.5-2.5	2.5-2.5	---	---	None	---	None
		June	1.0-2.0	2.5-2.5	---	---	None	---	None
		July	2.0-2.5	2.5-2.5	---	---	None	---	None
		October	1.0-2.0	2.0-2.0	---	---	None	---	None
		November	0.5-1.5	2.0-2.0	---	---	None	---	None
		December	1.0-1.5	2.0-2.0	---	---	None	---	None
1131B: Pershing-----	C	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None

	November	2.5-5.0	>6.0	---	---	None	---	None
	December	3.0-5.5	>6.0	---	---	None	---	None

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Decatur 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				
1131C: Pershing-----	C	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	---	None
		March	1.5-4.0	>6.0	---	---	None	---	None
		April	1.0-3.5	>6.0	---	---	None	---	None
		May	1.5-4.0	>6.0	---	---	None	---	None
		June	2.0-4.5	>6.0	---	---	None	---	None
		July	3.0-5.5	>6.0	---	---	None	---	None
		August	3.5-6.0	>6.0	---	---	None	---	None
		September	4.0-6.5	>6.0	---	---	None	---	None
		October	3.5-6.0	>6.0	---	---	None	---	None
		November	2.5-5.0	>6.0	---	---	None	---	None
		December	3.0-5.5	>6.0	---	---	None	---	None
1132C: Weller-----	C	January	4.0-6.0	>6.0	---	---	None	---	None
		February	3.5-5.5	>6.0	---	---	None	---	None
		March	2.5-4.5	>6.0	---	---	None	---	None
		April	2.0-4.0	>6.0	---	---	None	---	None
		May	2.5-4.5	>6.0	---	---	None	---	None
		June	3.0-5.0	>6.0	---	---	None	---	None

July	4.0-6.0	>6.0	---	---	None	---	None
August	4.5-6.5	>6.0	---	---	None	---	None
September	5.0-6.7	>6.0	---	---	None	---	None
October	4.5-6.5	>6.0	---	---	None	---	None
November	3.5-5.5	>6.0	---	---	None	---	None
December	4.0-6.0	>6.0	---	---	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.)

Decatur 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				
1715: Nodaway-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	Long	Frequent
		March	4.5-6.5	>6.0	---	---	None	Long	Frequent
		April	4.0-6.0	>6.0	---	---	None	Long	Frequent
		May	4.5-6.5	>6.0	---	---	None	Long	Frequent
		June	5.0-6.7	>6.0	---	---	None	Long	Frequent
		July	6.0-6.7	>6.0	---	---	None	Long	Frequent
		August	6.5-6.7	>6.0	---	---	None	Long	Frequent
		September	---	---	---	---	None	Long	Frequent
		October	6.5-6.7	>6.0	---	---	None	Long	Frequent
		November	5.5-6.7	>6.0	---	---	None	Long	Frequent
		December	6.0-6.7	>6.0	---	---	None	---	None
Klum-----	B	January	6.0-6.7	>6.0	---	---	None	---	None
		February	5.5-6.7	>6.0	---	---	None	Brief	Frequent
		March	4.5-6.5	>6.0	---	---	None	Brief	Frequent
		April	4.0-6.0	>6.0	---	---	None	Brief	Frequent
		May	4.5-6.5	>6.0	---	---	None	Brief	Frequent
		June	5.0-6.7	>6.0	---	---	None	Brief	Frequent

July	6.0-6.7	>6.0	---	---	None	Brief	Frequent
August	6.5-6.7	>6.0	---	---	None	Brief	Frequent
September	---	---	---	---	None	Brief	Frequent
October	6.5-6.7	>6.0	---	---	None	Brief	Frequent
November	5.5-6.7	>6.0	---	---	None	Brief	Frequent
December	6.0-6.7	>6.0	---	---	None	---	None

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Decatur 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-----	C	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Long	Frequent
		March	1.5-4.0	>6.0	---	---	None	Long	Frequent
		April	1.0-3.5	>6.0	---	---	None	Long	Frequent
		May	1.5-4.0	>6.0	---	---	None	Long	Frequent
		June	2.0-4.5	>6.0	---	---	None	Long	Frequent
		July	3.0-5.5	>6.0	---	---	None	Long	Frequent
		August	3.5-6.0	>6.0	---	---	None	Long	Frequent
		September	4.0-6.5	>6.0	---	---	None	Long	Frequent
		October	3.5-6.0	>6.0	---	---	None	Long	Frequent
		November	2.5-5.0	>6.0	---	---	None	Long	Frequent
		December	3.0-5.5	>6.0	---	---	None	---	None
5030: Limestone-----	---	Jan-Dec	---	---	---	---	None	---	None
5040: Orthents-----	---	Jan-Dec	---	---	---	---	None	---	None

AW:									
Animal Waste-----	---	Jan-Dec	---	---	---	---	None	---	None
SL:									
Sewage Lagoon-----	---	Jan-Dec	---	---	---	---	None	---	None
W:									
Water-----	---	Jan-Dec	---	---	---	---	None	---	None