

FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

Water Features

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

Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
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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			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
Colo-----	B/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	0.5-2.0	>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
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

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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				
23C2: 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
24D: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24D2: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24E: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24E2: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24E3: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None

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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
24F: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
24F2: Shelby-----	B	Jan-Dec	---	---	---	---	None	---	None
51: Vesser-----	C	January	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	---	None	Brief	Occasional
		March	0.5-2.0	>6.0	---	---	None	Brief	Occasional
		April	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		May	0.5-2.0	>6.0	---	---	None	Brief	Occasional
		June	1.0-2.0	>6.0	---	---	None	Brief	Occasional
		July	2.0-3.5	>6.0	---	---	None	Brief	Occasional
		August	2.5-3.5	>6.0	---	---	None	Brief	Occasional
		September	3.0-4.0	>6.0	---	---	None	Brief	Occasional
		October	2.5-3.5	>6.0	---	---	None	Brief	Occasional
		November	1.5-3.0	>6.0	---	---	None	Brief	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
			Ft	Ft	Ft				
51B: Vesser-----	C	January	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	---	None	Brief	Occasional
		March	0.5-2.0	>6.0	---	---	None	Brief	Occasional
		April	0.0-1.0	>6.0	---	---	None	Brief	Occasional
		May	0.5-2.0	>6.0	---	---	None	Brief	Occasional
		June	1.0-2.0	>6.0	---	---	None	Brief	Occasional
		July	2.0-3.5	>6.0	---	---	None	Brief	Occasional
		August	2.5-3.5	>6.0	---	---	None	Brief	Occasional
		September	3.0-4.0	>6.0	---	---	None	Brief	Occasional
		October	2.5-3.5	>6.0	---	---	None	Brief	Occasional
		November	1.5-3.0	>6.0	---	---	None	Brief	Occasional
		December	2.0-3.5	>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	0.5-2.0	>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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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
65F: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
		Jan-Dec	---	---	---	---	None	---	None
65F2: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
		Jan-Dec	---	---	---	---	None	---	None
65G: Lindley-----	C	Jan-Dec	---	---	---	---	None	---	None
		Jan-Dec	---	---	---	---	None	---	None
69C: Clearfield-----	C	January	2.5-3.5	4.5-4.5	---	---	None	---	None
		February	2.0-3.0	4.5-4.5	---	---	None	---	None
		March	1.0-2.0	4.5-4.5	---	---	None	---	None
		April	0.0-1.0	4.5-4.5	---	---	None	---	None
		May	1.0-1.5	4.5-4.5	---	---	None	---	None
		June	1.5-2.0	4.5-4.5	---	---	None	---	None
		July	2.5-3.0	4.5-4.5	---	---	None	---	None
		August	2.5-3.5	4.5-4.5	---	---	None	---	None
		September	3.5-4.0	4.5-4.5	---	---	None	---	None
		October	3.0-3.5	4.5-4.5	---	---	None	---	None
		November	2.0-3.0	4.5-4.5	---	---	None	---	None
		December	2.5-3.5	4.5-4.5	---	---	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
69C2: Clearfield-----	C		Ft	Ft	Ft				
		January	2.5-3.5	4.5-4.5	---	---	None	---	None
		February	2.0-3.0	4.5-4.5	---	---	None	---	None
		March	1.0-2.0	4.5-4.5	---	---	None	---	None
		April	0.0-1.0	4.5-4.5	---	---	None	---	None
		May	1.0-1.5	4.5-4.5	---	---	None	---	None
		June	1.5-2.0	4.5-4.5	---	---	None	---	None
		July	2.5-3.0	4.5-4.5	---	---	None	---	None
		August	2.5-3.5	4.5-4.5	---	---	None	---	None
		September	3.5-4.0	4.5-4.5	---	---	None	---	None
		October	3.0-3.5	4.5-4.5	---	---	None	---	None
		November	2.0-3.0	4.5-4.5	---	---	None	---	None
	December	2.5-3.5	4.5-4.5	---	---	None	---	None	
76C2: Ladoga-----	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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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				
87B: 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	0.5-2.0	>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
Colo-----	B/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	0.5-2.0	>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
93D: 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				
Adair-----	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
		93D2: Shelby-----	B	Jan-Dec	---	---	---	---	None
Adair-----	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
		93D3: Adair-----	C	March	1.5-2.0	2.5-2.5	---	---	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	
Shelby-----	B	Jan-Dec		---	---	---	---	None	---

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Clarke County, Iowa

Map symbol and soil name	Hydrologic group	Month	Water table		Ponding			Flooding			
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency		
Mystic-----	C		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	3.0-5.0	---	---	---	None	---	None		
		May	3.0-5.0	---	---	---	None	---	None		
		June	3.0-5.0	---	---	---	None	---	None		
		July	3.0-5.0	---	---	---	None	---	None		
		November	3.0-5.0	---	---	---	None	---	None		
		December	3.0-5.0	---	---	---	None	---	None		
		94E2: Caleb-----	B	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		
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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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				
131B: 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
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.)

Clarke County, Iowa

Map symbol and soil name	Hydrologic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
131C2: 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
132C: 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

Water Features

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

Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding			
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency		
			Ft	Ft	Ft						
133: Colo-----	B/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	0.5-2.0	>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
		133B: Colo-----	B/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	0.5-2.0			>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
179D: Gara-----	C			Jan-Dec	---	---	---	---	None	---	None

179D2:
Gara-----

C

USDA-NRCS, IOWA

04/13/2004
FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
		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
179F2: Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
192C: Adair-----	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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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
192D3: Adair-----	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	1.5-2.0	2.5-2.5	---	---	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
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

USDA-NRCS, IOWA

04/13/2004

FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
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
		222C2: 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
222C3: 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

USDA-NRCS, IOWA

04/13/2004
 FIELD OFFICE TECHNICAL GUIDE Sec II
 ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
222D2: Clarinda-----	D		Ft	Ft	Ft				
		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
269: Humeston-----	C/D	January	2.0-3.5	>6.0	---	---	None	---	None
		February	1.5-3.0	>6.0	---	---	None	Very brief	Occasional
		March	0.5-2.0	>6.0	---	---	None	Very brief	Occasional
		April	0.0-1.0	>6.0	---	---	None	Very brief	Occasional
		May	0.5-2.0	>6.0	---	---	None	Very brief	Occasional
		June	1.0-2.0	>6.0	---	---	None	Very brief	Occasional
		July	2.0-3.5	>6.0	---	---	None	Very brief	Occasional
		August	2.5-3.5	>6.0	---	---	None	Very brief	Occasional
		September	3.0-4.0	>6.0	---	---	None	Very brief	Occasional
		October	2.5-3.5	>6.0	---	---	None	Very brief	Occasional
		November	1.5-3.0	>6.0	---	---	None	Very brief	Occasional
		December	2.0-3.5	>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.)

Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
273B: Olmitz-----	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
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

Water Features

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

Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
362: Haig-----	C/D		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	---	None
		April	0.0-1.0	>6.0	---	---	None	---	None
		May	0.5-2.0	>6.0	---	---	None	---	None
		June	1.0-2.0	>6.0	---	---	None	---	None
		July	2.0-3.5	>6.0	---	---	None	---	None
		August	2.5-3.5	>6.0	---	---	None	---	None
		September	3.0-4.0	>6.0	---	---	None	---	None
		October	2.5-3.5	>6.0	---	---	None	---	None
		November	1.5-3.0	>6.0	---	---	None	---	None
December	2.0-3.0	>6.0	---	---	None	---	None		
364B: Grundy-----	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.)

Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
368: Macksburg-----	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		
368B: Macksburg-----	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

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
369: Winterset-----	C	January	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	---	None
		April	0.0-1.0	>6.0	---	---	None	---	None
		May	0.5-2.0	>6.0	---	---	None	---	None
		June	1.0-2.0	>6.0	---	---	None	---	None
		July	2.0-3.5	>6.0	---	---	None	---	None
		August	2.5-3.5	>6.0	---	---	None	---	None
		September	3.0-4.0	>6.0	---	---	None	---	None
		October	2.5-3.5	>6.0	---	---	None	---	None
		November	1.5-3.0	>6.0	---	---	None	---	None
		December	2.0-3.0	>6.0	---	---	None	---	None
370B: Sharpsburg-----	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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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
370C: Sharpsburg-----	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
		370C2: Sharpsburg-----	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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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
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
430: Ackmore-----	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

USDA-NRCS, IOWA

04/13/2004
FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
452C2: 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
484: 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

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
570C: Nira-----	B	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
570C2: Nira-----	B	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

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro- logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
592C2: 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	1.5-2.0	2.5-2.5	---	---	None	---	None
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
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

USDA-NRCS, IOWA

04/13/2004

FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
Nodaway-----	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		
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

USDA-NRCS, IOWA

04/13/2004

FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
792D: Armstrong-----	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	1.5-2.0	2.5-2.5	---	---	None	---	None
792D2: 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
		792D3: Armstrong-----	C	March	1.5-2.0	2.5-2.5	---	---	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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USDA-NRCS, IOWA

04/13/2004
FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
822C: Lamoni-----	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	1.5-2.0	2.5-2.5	---	---	None	---	None
822C2: 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
		822C3: Lamoni-----	C	March	1.5-2.0	2.5-2.5	---	---	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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USDA-NRCS, IOWA

04/13/2004
 FIELD OFFICE TECHNICAL GUIDE Sec II
 ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
822D: Lamoni-----	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	1.5-2.0	2.5-2.5	---	---	None	---	None
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
		822D3: Lamoni-----	C	March	1.5-2.0	2.5-2.5	---	---	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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USDA-NRCS, IOWA

04/13/2004
 FIELD OFFICE TECHNICAL GUIDE Sec II
 ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
892C2:									
Mystic Variant-----	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
		November	1.0-3.0	---	---	---	None	---	None
		December	1.0-3.0	---	---	---	None	---	None
993D2:									
Gara-----	C	Jan-Dec	---	---	---	---	None	---	None
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
993E2:									
Gara-----	C	Jan-Dec	---	---	---	---	None	---	None

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

USDA-NRCS, IOWA

04/13/2004

FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

Water Features

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Clarke County, Iowa

Map symbol and soil name	Hydro-logic group	Month	Water table		Ponding			Flooding	
			Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
			Ft	Ft	Ft				
1715: Nodaway-----	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
Lawson-----	C	January	3.0-5.5	>6.0	---	---	None	---	None
		February	2.5-5.0	>6.0	---	---	None	Brief	Frequent
		March	1.5-4.0	>6.0	---	---	None	Brief	Frequent
		April	1.0-3.5	>6.0	---	---	None	Brief	Frequent
		May	1.5-4.0	>6.0	---	---	None	Brief	Frequent
		June	2.0-4.5	>6.0	---	---	None	Brief	Frequent
		July	3.0-5.5	>6.0	---	---	None	Brief	Frequent
		August	3.5-6.0	>6.0	---	---	None	Brief	Frequent
		September	4.0-6.5	>6.0	---	---	None	Brief	Frequent
		October	3.5-6.0	>6.0	---	---	None	Brief	Frequent

		November	2.5-5.0	>6.0	---	---	None	Brief	Frequent
		December	3.0-5.5	>6.0	---	---	None	---	None
5030:									
Pits-----	---	Jan-Dec	---	---	---	---	None	---	None
5040:									
Orthents-----	---								

USDA-NRCS, IOWA

04/13/2004

FIELD OFFICE TECHNICAL GUIDE Sec II
ENGINEERING INTERPRETATIONS

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Clarke County, Iowa

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

USDA-NRCS, IOWA

04/13/2004