

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
6: Okoboji-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.88	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
8B: Judson-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.08	Very limited Deep to water	1.00
11B: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Ely-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.12	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
27B: Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.71	Very limited Deep to water	1.00
41B: Sparta-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
55: Nicollet-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.02 0.01	Somewhat limited Deep to water Slow refill Cutbanks cave	0.68 0.30 0.10
62C2: Storden-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
62D2: Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
62E2: Storden-----	Somewhat limited Seepage Slope	0.70 0.04	Very limited Piping	1.00	Very limited Deep to water	1.00
73C: Salida-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
83B: Kenyon-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
83C2: Kenyon-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
83D: Kenyon-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
83F: Kenyon-----	Somewhat limited Seepage Slope	0.70 0.10	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
84: Clyde-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.62	Somewhat limited Cutbanks cave	0.10
90: Okoboji-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.80	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
95: Harps-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
96: Turlin-----	Somewhat limited Seepage	0.70	Very limited Piping Seepage	1.00 0.09	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
107: Webster-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
118: Garwin-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
119: Muscatine-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
120B: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
133: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
135: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping Seepage	1.00 0.11 0.09	Somewhat limited Cutbanks cave	0.10
138B: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
138C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00

Water Management

County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
138D2: Clarion-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
151: Marshan-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.95	Very limited Cutbanks cave	1.00
152: Marshan-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.95	Very limited Cutbanks cave	1.00
153: Shandep-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping Seepage	1.00 0.63 0.20	Very limited Cutbanks cave	1.00
174B: Bolan-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.18	Very limited Deep to water	1.00
174C2: Bolan-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.18	Very limited Deep to water	1.00
175B: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.41	Very limited Deep to water	1.00
175C: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.41	Very limited Deep to water	1.00
177: Saude-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
177B: Saude-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
177C: Saude-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
178: Waukee-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
178B: Waukee-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
184: Klinger-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.02	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
198B: Floyd-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.59 0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
201B: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping Seepage	1.00 0.11 0.09	Somewhat limited Cutbanks cave	0.10
Terril-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.71	Very limited Deep to water	1.00
213B: Rockton-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Piping Thin layer	0.97 0.86	Very limited Deep to water	1.00
214B: Rockton-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Piping Thin layer	0.91 0.86	Very limited Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
214C2: Rockton-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Piping Thin layer	0.91 0.86	Very limited Deep to water	1.00
216C2: Ripon-----	Very limited Seepage Depth to bedrock	1.00 0.86	Very limited Piping Thin layer	1.00 0.86	Very limited Deep to water	1.00
217B: Ripon-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Piping Thin layer	0.93 0.86	Very limited Deep to water	1.00
221: Palms-----	Very limited Seepage	1.00	Very limited Content of organic matter Depth to saturated zone	1.00 1.00	Somewhat limited Cutbanks cave	0.10
225: Lawler-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	1.00 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
226: Lawler-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	1.00 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
236B: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
236C: Lester-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
236D2: Lester-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.03	Very limited Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
236F: Lester-----	Somewhat limited Seepage Slope	0.70 0.10	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
284B: Flagler-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
284C: Flagler-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
329: Webster-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Nicollet-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.02 0.01	Somewhat limited Deep to water Slow refill Cutbanks cave	0.68 0.30 0.10
335: Harcot-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.18	Very limited Cutbanks cave	1.00
373C2: Tallula-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
373D2: Tallula-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
377: Dinsdale-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.21	Very limited Deep to water	1.00
377B: Dinsdale-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.21	Very limited Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
377C: Dinsdale-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.21	Very limited Deep to water	1.00
377C2: Dinsdale-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.21	Very limited Deep to water	1.00
382: Maxfield-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
391B: Clyde-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping	1.00 0.62	Somewhat limited Cutbanks cave	0.10
Floyd-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.59 0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
398: Tripoli-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.28	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
399: Readlyn-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.34	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
407B: Schley-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.92	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
426: Aredale-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Very limited Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
426B: Aredale-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Very limited Deep to water	1.00
426C: Aredale-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Very limited Deep to water	1.00
426C2: Aredale-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Very limited Deep to water	1.00
428B: Ely-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.12	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
444B: Jacwin-----	Somewhat limited Seepage Depth to bedrock	0.70 0.01	Somewhat limited Thin layer Depth to saturated zone Piping	0.46 0.43 0.02	Very limited Slow refill Deep to water Cutbanks cave	1.00 0.25 0.10
444C2: Jacwin-----	Somewhat limited Seepage Depth to bedrock	0.70 0.01	Somewhat limited Thin layer Depth to saturated zone Piping	0.46 0.43 0.02	Very limited Slow refill Deep to water Cutbanks cave	1.00 0.25 0.10
506: Wacousta-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.85	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
507: Canisteo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.09	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
512C: Marlean-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.16 0.09	Very limited Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
512E: Marlean-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.16	Deep to water	1.00
	Slope	0.02	Seepage	0.09		
512G: Marlean-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.16	Deep to water	1.00
	Slope	0.45	Seepage	0.09		
551: Calamine-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.70	Depth to saturated zone	1.00	Slow refill	0.30
	Depth to bedrock	0.01	Thin layer	0.11	Cutbanks cave	0.10
559: Talcot-----	Very limited		Very limited		Very limited	
	Seepage	1.00	Depth to saturated zone	1.00	Cutbanks cave	1.00
			Seepage	1.00		
595: Harpster-----	Somewhat limited		Very limited		Somewhat limited	
	Seepage	0.70	Depth to saturated zone	1.00	Slow refill	0.30
					Cutbanks cave	0.10
612C2: Mottland-----	Very limited		Somewhat limited		Very limited	
	Seepage	1.00	Seepage	0.09	Deep to water	1.00
612E2: Mottland-----	Very limited		Somewhat limited		Very limited	
	Seepage	1.00	Seepage	0.09	Deep to water	1.00
	Slope	0.02				
613: Rossfield-----	Very limited		Somewhat limited		Very limited	
	Seepage	1.00	Seepage	0.09	Deep to water	1.00
613B: Rossfield-----	Very limited		Somewhat limited		Very limited	
	Seepage	1.00	Seepage	0.09	Deep to water	1.00
613C: Rossfield-----	Very limited		Somewhat limited		Very limited	
	Seepage	1.00	Seepage	0.09	Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
613C2: Rossfield-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.09	Very limited Deep to water	1.00
613D2: Rossfield-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.09	Very limited Deep to water	1.00
620C: Port Byron-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
620C2: Port Byron-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
620D2: Port Byron-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
620E2: Port Byron-----	Somewhat limited Seepage Slope	0.70 0.06	Somewhat limited Piping	0.89	Very limited Deep to water	1.00
621: Houghton-----	Very limited Seepage	1.00	Very limited Content of organic matter Depth to saturated zone	1.00 1.00	Somewhat limited Cutbanks cave	0.10
638C2: Clarion-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
638D2: Clarion-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00
Storden-----	Somewhat limited Seepage Slope	0.70 0.01	Very limited Piping	1.00	Very limited Deep to water	1.00

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
733: Calco-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
760: Ansgar-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.04	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
761: Franklin-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.04	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
771B: Waubeek-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.27	Very limited Deep to water	1.00
771C: Waubeek-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.27	Very limited Deep to water	1.00
782B: Donnan-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Hard to pack	0.86 0.30	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.06
782C2: Donnan-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Hard to pack	0.86 0.30	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.06
828B: Zenor-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
828C: Zenor-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00

Water Management

County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
933: Sawmill-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.02	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
956: Harps-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Okoboji-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.84	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1135: Coland-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping Seepage	1.00 0.11 0.09	Somewhat limited Cutbanks cave	0.10
1173: Hoopeston Variant---	Very limited Seepage	1.00	Somewhat limited Seepage	0.09	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
5010: Gravel-----	Not rated		Not rated		Not rated	
Pits, Sand And Gravel-----	Not rated		Not rated		Not rated	
5030: Pits, Limestone Quarry-----	Not rated		Not rated		Not rated	

Water Management

Franklin County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Pits, Limestone Quarry-----	Not rated		Not rated		Not rated	
5550: Orthents-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	