

Water Management

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Wayne 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
AaC: Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Piping	1.00 0.04	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
AaC2: Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
AaD: Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone Piping	1.00 0.04	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
AaD2: Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
AdC3: Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
AdD3: Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01
AsD2: Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Depth to water	0.95 0.10 0.01

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Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
AsD3:						
Adair-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
	Slope	0.01			Cutbanks cave Depth to water	0.10 0.01
Shelby-----	Somewhat limited Seepage	0.05	Not limited		Very limited Depth to water	1.00
	Slope	0.01				
CaD2:						
Caleb-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.28	Very limited Depth to water	1.00
	Slope	0.01				
CaE2:						
Caleb-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.28	Very limited Depth to water	1.00
	Slope	0.04				
CbD3:						
Caleb-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.28	Very limited Depth to water	1.00
	Slope	0.01				
CbE3:						
Caleb-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.28	Very limited Depth to water	1.00
	Slope	0.04				
Ch:						
Chequest-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.95
			Hard to pack	0.08	Cutbanks cave	0.10
ClC:						
Clarinda-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill	1.00
			Hard to pack	0.91	Cutbanks cave	0.10
					Depth to water	0.01

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C1C2: Clarinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.93	Somewhat limited Slow refill Cutbanks cave Depth to water	0.99 0.10 0.01
C1D2: Clarinda-----	Somewhat limited Seepage  Slope	0.01  0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.93	Somewhat limited Slow refill Cutbanks cave Depth to water	0.99 0.10 0.01
CmC3: Clarinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.97	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
Co: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
CoB: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Cz: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Zook-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.62	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Ed: Edina-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.32	Somewhat limited Slow refill Cutbanks cave	0.30 0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GaD2: Gara-----	Somewhat limited Seepage Slope	 0.05 0.01	Not limited		Very limited Depth to water	 1.00
GaE: Gara-----	Somewhat limited Seepage Slope	 0.05 0.04	Somewhat limited Piping	 0.08	Very limited Depth to water	 1.00
GaE2: Gara-----	Somewhat limited Seepage Slope	 0.05 0.04	Not limited		Very limited Depth to water	 1.00
GaF: Gara-----	Somewhat limited Slope Seepage	 0.15 0.05	Somewhat limited Piping	 0.08	Very limited Depth to water	 1.00
GaF2: Gara-----	Somewhat limited Slope Seepage	 0.15 0.05	Not limited		Very limited Depth to water	 1.00
GrE3: Gara-----	Somewhat limited Seepage Slope	 0.05 0.04	Not limited		Very limited Depth to water	 1.00
GuB: Grundy-----	Not limited		Somewhat limited Depth to saturated zone Hard to pack	 0.95 0.68	Very limited Slow refill Cutbanks cave Depth to water	 1.00 0.10 0.02
GuC: Grundy-----	Not limited		Somewhat limited Depth to saturated zone Hard to pack	 0.95 0.68	Very limited Slow refill Cutbanks cave Depth to water	 1.00 0.10 0.02

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GuC2: Grundy-----	Not limited		Somewhat limited Depth to saturated zone Hard to pack	0.95 0.68	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.02
Ha: Haig-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.33	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
Hu: Humeston-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.43 0.10
HuB: Humeston-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.43 0.10
KnB: Kniffin-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.22	Somewhat limited Slow refill Depth to water Cutbanks cave	0.95 0.25 0.10
KnC: Kniffin-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.22	Somewhat limited Slow refill Depth to water Cutbanks cave	0.95 0.25 0.10
KnC2: Kniffin-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.22	Somewhat limited Slow refill Depth to water Cutbanks cave	0.95 0.25 0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LaC2: Lamoni-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.33	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
LaD2: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.33	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
LmD3: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.33	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
Ln: Lawson-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.76	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
Nodaway-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Depth to water	1.00
LoF2: Lindley-----	Somewhat limited Slope Seepage	0.24 0.05	Somewhat limited Piping	0.54	Very limited Depth to water	1.00
LvC: Lineville-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01
LvC2: Lineville-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Depth to water	1.00 0.10 0.01

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MyC2: Mystic-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.03	Somewhat limited Depth to water Cutbanks cave	0.81 0.10
OmB: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.10	Very limited Depth to water	1.00
OvB: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.10	Very limited Depth to water	1.00
Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.14	Somewhat limited Slow refill Cutbanks cave Depth to water	0.30 0.10 0.01
Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
PeC: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Depth to water Cutbanks cave	0.95 0.25 0.10
PeC2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Depth to water Cutbanks cave	0.95 0.25 0.10
PhB: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Depth to water Cutbanks cave	0.95 0.25 0.10

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PhC2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
RaC: Rathbun-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.15	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
RaC2: Rathbun-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.26	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
SeB: Seymour-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.26	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
SfC: Seymour-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.32	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
SfC2: Seymour-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.32	Somewhat limited Slow refill	0.95
					Depth to water	0.25
					Cutbanks cave	0.10
ShD: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Somewhat limited Piping	0.02	Very limited Depth to water	1.00

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ShD2: Shelby-----	Somewhat limited Seepage Slope	 0.05 0.01	Not limited		Very limited Depth to water	 1.00
ShE: Shelby-----	Somewhat limited Seepage Slope	 0.05 0.04	Somewhat limited Piping	 0.02	Very limited Depth to water	 1.00
ShE2: Shelby-----	Somewhat limited Seepage Slope	 0.05 0.04	Not limited		Very limited Depth to water	 1.00
ShF2: Shelby-----	Somewhat limited Slope Seepage	 0.15 0.05	Not limited		Very limited Depth to water	 1.00
SoD3: Shelby-----	Somewhat limited Seepage Slope	 0.05 0.01	Not limited		Very limited Depth to water	 1.00
SoE3: Shelby-----	Somewhat limited Seepage Slope	 0.05 0.04	Not limited		Very limited Depth to water	 1.00
Ve: Vesser-----	Somewhat limited Seepage	 0.70	Very limited Depth to saturated zone Piping	 1.00 0.14	Somewhat limited Slow refill Cutbanks cave Depth to water	 0.30 0.10 0.01
VeB: Vesser-----	Somewhat limited Seepage	 0.70	Very limited Depth to saturated zone Piping	 1.00 0.14	Somewhat limited Slow refill Cutbanks cave Depth to water	 0.30 0.10 0.01

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W: Water-----	Not rated		Not rated		Not rated	
Wa: Wabash-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill	1.00
			Hard to pack Ponding	1.00 1.00	Cutbanks cave	0.10
Zo: Zook-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.83	Somewhat limited Slow refill Cutbanks cave	0.95 0.10

