

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

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
AsD3: Adair-----	Somewhat limited Seepage Slope	0.05 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.95 0.10 0.01
Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
CaD2: Caleb-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping Seepage	0.28 0.04	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
CaE2: Caleb-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping Seepage	0.28 0.04	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
CbD3: Caleb-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping Seepage	0.28 0.04	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
CbE3: Caleb-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping Seepage	0.28 0.04	Somewhat limited Deep to water Slow refill Cutbanks cave	0.81 0.30 0.10
Ch: Chequest-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.12	Somewhat limited Slow refill Cutbanks cave	0.95 0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ClC: Clarinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.97	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.01
ClC2: Clarinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.98	Somewhat limited Slow refill Cutbanks cave Deep to water	0.99 0.10 0.01
ClD2: Clarinda-----	Somewhat limited Seepage Slope	0.01 0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.98	Somewhat limited Slow refill Cutbanks cave Deep to water	0.99 0.10 0.01
CmC3: Clarinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.98	Very limited Slow refill Cutbanks cave Deep 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

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Zook-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Hard to pack	1.00 0.90	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
Ed: Edina-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.54	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
GaD2: Gara-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
GaE: Gara-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
GaE2: Gara-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00
GaF: Gara-----	Somewhat limited Slope Seepage	0.15 0.05	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
GaF2: Gara-----	Somewhat limited Slope Seepage	0.15 0.05	Not limited		Very limited Deep to water	1.00
GrE3: Gara-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00
GuB: Grundy-----	Not limited		Somewhat limited Depth to saturated zone Hard to pack	0.95 0.74	Very limited Slow refill	1.00
					Cutbanks cave	0.10
					Deep to water	0.02

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GuC: Grundy-----	Not limited		Somewhat limited Depth to saturated zone Hard to pack	0.95 0.74	Very limited Slow refill Cutbanks cave Deep to water	1.00 0.10 0.02
GuC2: Grundy-----	Not limited		Somewhat limited Depth to saturated zone Hard to pack	0.95 0.74	Very limited Slow refill Cutbanks cave Deep 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 0.44	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 0.37	Somewhat limited Slow refill Deep 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 0.37	Somewhat limited Slow refill Deep 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
KnC2: Kniffin-----	Somewhat limited Seepage	0.05	Somewhat limited	0.43	Somewhat limited	0.95
			Depth to saturated zone Hard to pack	0.37	Deep to water Cutbanks cave	0.25 0.10
LaC2: Lamoni-----	Not limited		Very limited	1.00	Very limited	1.00
			Depth to saturated zone Hard to pack	0.43	Cutbanks cave Deep to water	0.10 0.01
LaD2: Lamoni-----	Somewhat limited Slope	0.01	Very limited	1.00	Very limited	1.00
			Depth to saturated zone Hard to pack	0.43	Cutbanks cave Deep to water	0.10 0.01
LmD3: Lamoni-----	Somewhat limited Slope	0.01	Very limited	1.00	Very limited	1.00
			Depth to saturated zone Hard to pack	0.43	Cutbanks cave Deep to water	0.10 0.01
Ln: Lawson-----	Somewhat limited Seepage	0.70	Very limited	1.00	Somewhat limited	0.30
			Depth to saturated zone Piping	0.74	Cutbanks cave Deep to water	0.10 0.01
Nodaway-----	Somewhat limited Seepage	0.70	Very limited	1.00	Somewhat limited	0.81
			Piping		Deep to water Slow refill Cutbanks cave	0.30 0.10
LoF2: Lindley-----	Somewhat limited Slope Seepage	0.24 0.05	Somewhat limited	0.49	Very limited	1.00
			Piping		Deep to water	

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LvC: Lineville-----	Not limited		Very limited Depth to saturated zone	1.00	Very limited Slow refill Cutbanks cave Deep 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 Deep to water	1.00 0.10 0.01
MyC2: Mystic-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Somewhat limited Deep to water Cutbanks cave	0.81 0.10
OmB: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
OvB: Olmitz-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.09	Somewhat limited Slow refill Cutbanks cave Deep 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 Deep to water Cutbanks cave	0.95 0.25 0.10

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PeC2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water Cutbanks cave	0.25 0.10
PhB: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water Cutbanks cave	0.25 0.10
PhC2: Pershing-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill	0.95
					Deep to water Cutbanks cave	0.25 0.10
RaC: Rathbun-----	Somewhat limited Seepage	0.05	Somewhat limited Depth to saturated zone Hard to pack	0.43 0.35	Somewhat limited Slow refill	0.95
					Deep to water Cutbanks cave	0.25 0.10
RaC2: Rathbun-----	Somewhat limited Seepage	0.05	Somewhat limited Hard to pack Depth to saturated zone	0.49 0.43	Somewhat limited Slow refill	0.95
					Deep to water Cutbanks cave	0.25 0.10
SeB: Seymour-----	Somewhat limited Seepage	0.05	Somewhat limited Hard to pack Depth to saturated zone	0.44 0.43	Somewhat limited Slow refill	0.95
					Deep to water Cutbanks cave	0.25 0.10
SfC: Seymour-----	Somewhat limited Seepage	0.05	Somewhat limited Hard to pack Depth to saturated zone	0.45 0.43	Somewhat limited Slow refill	0.95
					Deep to water Cutbanks cave	0.25 0.10

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SfC2: Seymour-----	Somewhat limited Seepage	0.05	Somewhat limited Hard to pack Depth to saturated zone	0.45 0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.95 0.25 0.10
ShD: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
ShD2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
ShE: Shelby-----	Somewhat limited Seepage Slope	0.05 0.04	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
ShE2: Shelby-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00
ShF2: Shelby-----	Somewhat limited Slope Seepage	0.15 0.05	Not limited		Very limited Deep to water	1.00
SoD3: Shelby-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
SoE3: Shelby-----	Somewhat limited Seepage Slope	0.05 0.04	Not limited		Very limited Deep to water	1.00
Ve: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.09	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01

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VeB: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.09	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
W: Water-----	Not rated		Not rated		Not rated	
Wa: Wabash-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Very limited Slow refill Cutbanks cave	1.00 0.10
Zo: Zook-----	Somewhat limited Seepage	0.05	Very limited Depth to saturated zone Hard to pack	1.00 0.90	Somewhat limited Slow refill Cutbanks cave	0.95 0.10