

HYDRIC SOILS LIST

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
7: WIOTA SILT LOAM, 0 TO 2 PERCENT SLOPES	Wiota	95	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
7B: WIOTA SILT LOAM, 2 TO 5 PERCENT SLOPES	Wiota	95	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
8B: JUDSON SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	Judson	95	No	---	---	---	---	---
	Ely	5	No	---	---	---	---	---
11B: COLO-ELY SILTY CLAY LOAMS, 2 TO 5 PERCENT SLOPES	Colo	50	Yes	flood plain	2B3	Yes	No	No
	Ely	30	No	---	---	---	---	---
	Other	20	No	---	---	---	---	---
23C: ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	Arispe	90	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Clarinda	5	Yes	hill	2B3	Yes	No	No
23C2: ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Arispe	90	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Clarinda	5	Yes	hill	2B3	Yes	No	No
24D2: SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Shelby	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Clarinda	5	Yes	hill	2B3	Yes	No	No
	Gosport	5	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
24E2: SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Shelby	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Clarinda	5	Yes	hill	2B3	Yes	No	No
	Gosport	5	No	---	---	---	---	---
24F2: SHELBY CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	Shelby	95	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
43: BREMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Bremer	95	Yes	terrace	2B3	Yes	No	No
	Humeston	5	Yes	terrace	2B3	Yes	No	No
51: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	Vesser	95	No	---	---	---	---	---
	Humeston	5	Yes	flood plain	2B3	Yes	No	No
51B: VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES	Vesser	95	No	---	---	---	---	---
	Humeston	5	Yes	flood plain	2B3	Yes	No	No
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Zook	85	Yes	flood plain	2B3	Yes	No	No
	Colo	5	Yes	flood plain	2B3	Yes	No	No
	Marsh	5	Yes	flood plain	2B3	Yes	No	No
	Wabash	5	Yes	flood plain	2B3	Yes	No	No
63C2: CHELSEA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Chelsea	100	No	---	---	---	---	---
63D2: CHELSEA LOAMY FINE SAND, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED	Chelsea	90	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Lindley	5	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
65D: LINDLEY LOAM, 9 TO 14 PERCENT SLOPES	Lindley	90	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Lindley	5	No	---	---	---	---	---
65E: LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	Lindley	85	No	---	---	---	---	---
	Ashgrove	5	Yes	hill	2B3	Yes	No	No
	Keswick	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
65E3: LINDLEY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Lindley	90	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Keswick	5	No	---	---	---	---	---
65F: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	Lindley	100	No	---	---	---	---	---
65G: LINDLEY LOAM, 25 TO 40 PERCENT SLOPES	Lindley	100	No	---	---	---	---	---
69C: CLEARFIELD SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	Clearfield	90	Yes	hill	2B3	Yes	No	No
	Clarinda	5	Yes	hill	2B3	Yes	No	No
	Nira	5	No	---	---	---	---	---
69C2: CLEARFIELD SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clearfield	85	Yes	hill	2B3	Yes	No	No
	Adair	5	No	---	---	---	---	---
	Clarinda	5	Yes	hill	2B3	Yes	No	No
	Gosport	5	No	---	---	---	---	---
	Ladoga	5	No	---	---	---	---	---
75: GIVIN SILT LOAM, 0 TO 2 PERCENT SLOPES	Givin	95	No	---	---	---	---	---
	Ladoga	5	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
76B: LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	Ladoga	95	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
76C: LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES	Ladoga	95	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
76C2: LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Ladoga	85	No	---	---	---	---	---
	Armstrong	5	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
76D2: LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Ladoga	85	No	---	---	---	---	---
	Armstrong	5	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
80B: CLINTON SILT LOAM, 2 TO 5 PERCENT SLOPES	Clinton	95	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
80C2: CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clinton	85	No	---	---	---	---	---
	Ashgrove	5	Yes	hill	2B3	Yes	No	No
	Keswick	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
80D2: CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Clinton	90	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Keswick	5	No	---	---	---	---	---
88: NEVIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Nevin	90	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
88B: NEVIN SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Bremer	5	Yes	terrace	2B3	Yes	No	No
	Humeston	5	Yes	terrace	2B3	Yes	No	No
	Nevin	95	No	---	---	---	---	---
	Bremer	5	Yes	terrace	2B3	Yes	No	No
93D2: ADAIR-SHELBY CLAY LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Adair	50	No	---	---	---	---	---
	Shelby	30	No	---	---	---	---	---
	Lamoni	20	No	---	---	---	---	---
93E2: ADAIR-SHELBY CLAY LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Adair	50	No	---	---	---	---	---
	Shelby	30	No	---	---	---	---	---
	Gosport	10	No	---	---	---	---	---
	Lamoni	10	No	---	---	---	---	---
93E3: ADAIR-SHELBY CLAY LOAMS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Adair	50	No	---	---	---	---	---
	Shelby	30	No	---	---	---	---	---
	Gosport	10	No	---	---	---	---	---
	Lamoni	10	No	---	---	---	---	---
94D2: MYSTIC-CALEB COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Mystic	50	No	---	---	---	---	---
	Caleb	30	No	---	---	---	---	---
	Other	10	No	---	---	---	---	---
	Rinda	10	Yes	hill	2B3	Yes	No	No
94E2: MYSTIC-CALEB COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Mystic	50	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
119: MUSCATINE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Caleb	30	No	---	---	---	---	---
	Gosport	20	No	---	---	---	---	---
	Muscatine	95	No	---	---	---	---	---
	Sperry	5	Yes	depression	2B3,3	Yes	No	Yes
120: TAMA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Tama	95	No	---	---	---	---	---
	Muscatine	5	No	---	---	---	---	---
120B: TAMA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Tama	100	No	---	---	---	---	---
120C2: TAMA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Tama	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Shelby	5	No	---	---	---	---	---
120D2: TAMA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Tama	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Shelby	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
122: SPERRY SILT LOAM, 0 TO 1 PERCENT SLOPES	Sperry	95	Yes	depression	2B3,3	Yes	No	Yes
	Winterset	5	Yes	ridge	2B3	Yes	No	No
131B: PERSHING SILT LOAM, 2 TO 5 PERCENT SLOPES	Pershing	100	No	---	---	---	---	---
131C2: PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Pershing	85	No	---	---	---	---	---
	Armstrong	5	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
	Rinda	5	Yes	hill	2B3	Yes	No	No
131D2: PERSHING SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Pershing	85	No	---	---	---	---	---
	Armstrong	5	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
132B: WELLER SILT LOAM, 2 TO 5 PERCENT SLOPES	Weller	95	No	---	---	---	---	---
	Beckwith	5	Yes	ridge	2B3	Yes	No	No
132C2: WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Weller	95	No	---	---	---	---	---
	Keswick	5	No	---	---	---	---	---
133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Colo	95	Yes	flood plain	2B3	Yes	No	No
	Perks	5	No	---	---	---	---	---
133B: COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Colo	95	Yes	flood plain	2B3	Yes	No	No
	Perks	5	No	---	---	---	---	---
162: DOWNS SILT LOAM, 0 TO 2 PERCENT SLOPES	Downs	100	No	---	---	---	---	---
162B: DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES	Downs	95	No	---	---	---	---	---
	Atterberry	5	No	---	---	---	---	---
162C2: DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Downs	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---

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Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
162D2: DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Downs	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
163B: FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	Fayette	95	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
163C2: FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Fayette	90	No	---	---	---	---	---
	Rinda	5	Yes	hill	2B3	Yes	No	No
	Sparta	5	No	---	---	---	---	---
163D2: FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Fayette	85	No	---	---	---	---	---
	Keswick	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
	Lindley	3	No	---	---	---	---	---
	Gosport	2	No	---	---	---	---	---
163E2: FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Fayette	85	No	---	---	---	---	---
	Keswick	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
	Lindley	3	No	---	---	---	---	---
	Gosport	2	No	---	---	---	---	---
163F2: FAYETTE SILT LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	Fayette	85	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Lindley	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---

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Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
172: WABASH SILTY CLAY, 0 TO 2 PERCENT SLOPES	Wabash	95	Yes	flood plain	3,2B3	Yes	No	Yes
	Zook	5	Yes	flood plain	2B3	Yes	No	No
179D2: GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Gara	90	No	---	---	---	---	---
	Armstrong	5	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
179E2: GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Gara	90	No	---	---	---	---	---
	Armstrong	5	No	---	---	---	---	---
	Gosport	3	No	---	---	---	---	---
	Sparta	2	No	---	---	---	---	---
179F2: GARA LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	Gara	85	No	---	---	---	---	---
	Armstrong	5	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Rinda	5	Yes	hill	2B3	Yes	No	No
179G: GARA LOAM, 25 TO 40 PERCENT SLOPES	Gara	95	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
185D2: BAUER SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Bauer	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Clarinda	5	Yes	hill	2B3	Yes	No	No
	Shelby	5	No	---	---	---	---	---
185E2: BAUER SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Bauer	90	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Shelby	5	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
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185E3: BAUER SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Bauer	90	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Shelby	5	No	---	---	---	---	---
192D2: ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Adair	95	No	---	---	---	---	---
	Lamoni	5	No	---	---	---	---	---
212: KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES	Kennebec	90	No	---	---	---	---	---
	Colo	5	Yes	flood plain	2B3	Yes	No	No
	Perks	5	No	---	---	---	---	---
220: NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	Nodaway	90	No	---	---	---	---	---
	Colo	5	Yes	flood plain	2B3	Yes	No	No
	Perks	5	No	---	---	---	---	---
222C: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	Clarinda	90	Yes	hill	2B3	Yes	No	No
	Clearfield	5	Yes	hill	2B3	Yes	No	No
	Lamoni	5	No	---	---	---	---	---
222C2: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clarinda	90	Yes	hill	2B3	Yes	No	No
	Clearfield	5	Yes	hill	2B3	Yes	No	No
	Lamoni	5	No	---	---	---	---	---
222D2: CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Clarinda	95	Yes	hill	2B3	Yes	No	No
	Lamoni	5	No	---	---	---	---	---
248: WABASH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Wabash	95	Yes	flood plain	2B3,3	Yes	No	Yes

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269: HUMESTON SILT LOAM, 0 TO 2 PERCENT SLOPES	Zook	5	Yes	flood plain	2B3	Yes	No	No
	Humeston	95	Yes	terrace	2B3	Yes	No	No
	Tuskeego	5	Yes	terrace	2B3	Yes	No	No
273B: OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	Olmitz	90	No	---	---	---	---	---
	Arbor	5	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
273C: OLMITZ LOAM, 5 TO 9 PERCENT SLOPES	Olmitz	90	No	---	---	---	---	---
	Arbor	5	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
313D: GOSPORT SILT LOAM, 9 TO 14 PERCENT SLOPES	Gosport	90	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
313E: GOSPORT SILT LOAM, 14 TO 18 PERCENT SLOPES	Gosport	90	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
313E3: GOSPORT SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Gosport	90	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
313F: GOSPORT SILT LOAM, 18 TO 35 PERCENT SLOPES	Gosport	95	No	---	---	---	---	---
	Lindley	5	No	---	---	---	---	---
315: ALLUVIAL LAND	Alluvial land	85	Yes	---	4	No	Yes	No
	Colo	5	Yes	flood plain	2B3	Yes	No	No
	Kennebec	5	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
368: MACKSBURG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Nodaway	5	Yes	flood plain	4	No	Yes	No
	Macksburg	90	No	---	---	---	---	---
	Sperry	5	Yes	depression	2B3,3	Yes	No	Yes
368B: MACKSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Winterset	5	Yes	depression	2B3	Yes	No	No
	Macksburg	90	No	---	---	---	---	---
	Sperry	5	Yes	depression	2B3,3	Yes	No	Yes
369: WINTERSSET SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Winterset	5	Yes	depression	2B3	Yes	No	No
	Macksburg	5	No	---	---	---	---	---
	Sperry	5	Yes	depression	2B3,3	Yes	No	Yes
370: SHARPSBURG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Winterset	90	Yes	ridge	2B3	Yes	No	No
	Macksburg	5	No	---	---	---	---	---
	Sperry	5	Yes	depression	2B3,3	Yes	No	Yes
370B: SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Winterset	5	Yes	ridge	2B3	Yes	No	No
	Sharpsburg	90	No	---	---	---	---	---
	Macksburg	5	No	---	---	---	---	---
370C: SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	Sparta	5	No	---	---	---	---	---
	Sharpsburg	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
370C2: SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clarinda	5	Yes	hill	2B3	Yes	No	No
	Gosport	5	No	---	---	---	---	---
	Sharpsburg	85	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
370D2: SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Adair	5	No	---	---	---	---	---
	Clarinda	5	Yes	hill	2B3	Yes	No	No
	Gosport	5	No	---	---	---	---	---
	Sharpsburg	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Clarinda	5	Yes	hill	2B3	Yes	No	No
	Gosport	5	No	---	---	---	---	---
422: AMANA SILT LOAM, 0 TO 2 PERCENT SLOPES	Amana	95	No	---	---	---	---	---
	Colo	5	Yes	flood plain	2B3	Yes	No	No
425D: KESWICK LOAM, 9 TO 14 PERCENT SLOPES	Keswick	90	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
427C2: LADOGA-CHELSEA COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Ladoga	50	No	---	---	---	---	---
	Chelsea	30	No	---	---	---	---	---
	Other	20	No	---	---	---	---	---
427D2: LADOGA-CHELSEA COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Ladoga	50	No	---	---	---	---	---
	Chelsea	30	No	---	---	---	---	---
	Armstrong	20	No	---	---	---	---	---
428B: ELY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Ely	95	No	---	---	---	---	---
	Colo	5	Yes	flood plain	2B3	Yes	No	No
430: ACKMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	Ackmore	95	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
	Colo	5	Yes	flood plain	2B3	Yes	No	No
434D: ARBOR LOAM, 9 TO 14 PERCENT SLOPES	Arbor	95	No	---	---	---	---	---
	Gara	5	No	---	---	---	---	---
451D2: CALEB LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Caleb	85	No	---	---	---	---	---
	Adair	5	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
478: STEEP ROCK LAND	Steep rock land	95	Unranked	---	---	---	---	---
	Lindley	5	No	---	---	---	---	---
502: STRIP MINES	Strip mines	100	Unranked	---	---	---	---	---
570B: NIRA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Nira	95	No	---	---	---	---	---
	Colo	5	Yes	drainageway	2B3	Yes	No	No
570C2: NIRA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Nira	95	No	---	---	---	---	---
	Sharpsburg	5	No	---	---	---	---	---
592C2: MYSTIC SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Mystic	95	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
592D2: MYSTIC SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Mystic	95	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
687B: WATKINS SILT LOAM, 1 TO 4 PERCENT SLOPES	Watkins	95	No	---	---	---	---	---
	Koszta	5	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
792D2: ARMSTRONG LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Armstrong	90	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
	Rinda	5	Yes	hill	2B3	Yes	No	No
822D2: LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Lamoni	95	No	---	---	---	---	---
	Gosport	5	No	---	---	---	---	---
822D3: LAMONI SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	Lamoni	95	No	---	---	---	---	---
	Sparta	5	No	---	---	---	---	---
864B: GRUNDY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Grundy	95	No	---	---	---	---	---
	Haig	5	Yes	ridge	2B3	Yes	No	No
980B: GULLIED LAND-ELY-COLO COMPLEX, 2 TO 5 PERCENT SLOPES	Gullied land	50	Unranked	---	---	---	---	---
	Ely	30	No	---	---	---	---	---
	Colo	15	Yes	flood plain	2B3	Yes	No	No
	Gosport	5	No	---	---	---	---	---
993D2: ARMSTRONG-GARA LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Armstrong	50	No	---	---	---	---	---
	Gara	30	No	---	---	---	---	---
	Gosport	20	No	---	---	---	---	---
993E2: ARMSTRONG-GARA LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Armstrong	50	No	---	---	---	---	---
	Gara	30	No	---	---	---	---	---
	Gosport	20	No	---	---	---	---	---

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
993E3: ARMSTRONG-GARA CLAY LOAMS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Armstrong	50	No	---	---	---	---	---
	Gara	30	No	---	---	---	---	---
	Gosport	20	No	---	---	---	---	---
C220: NODAWAY SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	Nodaway	90	No	---	---	---	---	---
	Other	5	Yes	flood plain	4	No	Yes	No
	Other	5	Yes	oxbow	2B3,3,4	Yes	Yes	Yes
C315: ALLUVIAL LAND, CHANNELED	Alluvial land	90	Yes	---	4	No	Yes	No
	Other	5	Yes	oxbow	2B3,3,4	Yes	Yes	Yes
	Other	5	Yes	flood plain	4	No	Yes	No
T76B: LADOGA SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	Ladoga	95	No	---	---	---	---	---
	Givin	5	No	---	---	---	---	---
T76C2: LADOGA SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Ladoga	100	No	---	---	---	---	---
T119: MUSCATINE SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	Muscatine	95	No	---	---	---	---	---
	Garwin	5	Yes	depression	2B3	Yes	No	No
T120B: TAMA SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	Tama	100	No	---	---	---	---	---
T162B: DOWNS SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	Downs	100	No	---	---	---	---	---
T368: MACKSBURG SILTY CLAY LOAM, BENCHES, 1 TO 3 PERCENT SLOPES	Macksburg	95	No	---	---	---	---	---
	Winterset	5	Yes	depression	2B3	Yes	No	No

Warren County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
T370: SHARPSBURG SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	Sharpsburg	100	No	---	---	---	---	---
T370B: SHARPSBURG SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	Sharpsburg	100	No	---	---	---	---	---
T370C: SHARPSBURG SILTY CLAY LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	Sharpsburg	100	No	---	---	---	---	---