

## Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II  
HYDRIC SOIL INTERPRETATIONS

Union County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
8B: JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	JUDSON	No	---	---	---	---	---	379
	COLO	Yes	flood plain	2B3	YES	NO	NO	42
11B: COLO-ELY SILTY CLAY LOAMS, 2 TO 5 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	19,522
	ELY	No	---	---	---	---	---	11,714
	JUDSON	No	---	---	---	---	---	7,809
13B: NODAWAY-VESSER SILT LOAMS, 2 TO 5 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	1,662
	VESSER	Yes	flood plain	2B3	YES	NO	NO	998
	OLMITZ	No	---	---	---	---	---	665
23C: ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	ARISPE	No	---	---	---	---	---	2,602
24C: SHELBY CLAY LOAM, 5 TO 9 PERCENT SLOPES	SHELBY	No	---	---	---	---	---	356
	ADAIR	No	---	---	---	---	---	20
	LAMONI	No	---	---	---	---	---	20
24C2: SHELBY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	1,328
	ADAIR	No	---	---	---	---	---	74
	LAMONI	No	---	---	---	---	---	74
24D: SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES	SHELBY	No	---	---	---	---	---	2,422
	ADAIR	No	---	---	---	---	---	142
	CLARINDA	Yes	hill	2B3	YES	NO	NO	142
	LAMONI	No	---	---	---	---	---	142
24D2: SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	13,606
	ADAIR	No	---	---	---	---	---	800
	CLARINDA	Yes	hill	2B3	YES	NO	NO	800

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	LAMONI	No	---	---	---	---	---	800
24D3: SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	SHELBY	No	---	---	---	---	---	341
	ADAIR	No	---	---	---	---	---	20
	CLARINDA	Yes	hill	2B3	YES	NO	NO	20
	LAMONI	No	---	---	---	---	---	20
24E: SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES	SHELBY	No	---	---	---	---	---	1,870
	ADAIR	No	---	---	---	---	---	104
	CLARINDA	Yes	hill	2B3	YES	NO	NO	104
24E2: SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	3,567
	ADAIR	No	---	---	---	---	---	198
	CLARINDA	Yes	hill	2B3	YES	NO	NO	198
24F2: SHELBY CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	238
	ADAIR	No	---	---	---	---	---	13
51: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	VESSER	Yes	flood plain	2B3	YES	NO	NO	876
	ALLUVIAL SOILS	No	---	---	---	---	---	49
	HUMESTON	Yes	flood plain	2B3	YES	NO	NO	49
65E: LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	363
	KESWICK	No	---	---	---	---	---	19
65F: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	372
69C: CLEARFIELD SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	CLEARFIELD	Yes	hill	2B3	YES	NO	NO	6,372
	CLARINDA	Yes	hill	2B3	YES	NO	NO	335

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
76B: LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	619
	LOAMY SAND AREAS	No	---	---	---	---	---	33
76C: LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	3,213
	ARMSTRONG	No	---	---	---	---	---	178
	LOAMY SAND AREAS	No	---	---	---	---	---	178
76C2: LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LADOGA	No	---	---	---	---	---	942
	GARA	No	---	---	---	---	---	50
76D: LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	476
	ARMSTRONG	No	---	---	---	---	---	26
	GARA	No	---	---	---	---	---	26
93D: ADAIR-SHELBY CLAY LOAMS, 9 TO 14 PERCENT SLOPES	ADAIR	No	---	---	---	---	---	1,262
	SHELBY	No	---	---	---	---	---	758
	SHARPSBURG	No	---	---	---	---	---	505
93D2: ADAIR-SHELBY CLAY LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ADAIR	No	---	---	---	---	---	6,750
	SHELBY	No	---	---	---	---	---	4,050
	SHARPSBURG	No	---	---	---	---	---	2,700
93E2: ADAIR-SHELBY CLAY LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	ADAIR	No	---	---	---	---	---	274
	SHELBY	No	---	---	---	---	---	165
	SHARPSBURG	No	---	---	---	---	---	110
94D2: MYSTIC-CALEB COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	844

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	CALEB	No	---	---	---	---	---	506
	SHARPSBURG	No	---	---	---	---	---	338
122: SPERRY SILT LOAM, 0 TO 2 PERCENT SLOPES	SPERRY	Yes	depression	2B3,3	YES	NO	YES	170
	MACKSBURG	No	---	---	---	---	---	9
	WINTERSET	Yes	ridge	2B3	YES	NO	NO	9
131C: PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	3,950
	ARMSTRONG	No	---	---	---	---	---	219
	WELLER	No	---	---	---	---	---	219
131C2: PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	PERSHING	No	---	---	---	---	---	2,700
	ARMSTRONG	No	---	---	---	---	---	150
	WELLER	No	---	---	---	---	---	150
131D: PERSHING SILT LOAM, 9 TO 14 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	276
	GARA	No	---	---	---	---	---	14
132C: WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES	WELLER	No	---	---	---	---	---	381
	KESWICK	No	---	---	---	---	---	21
	LINDLEY	No	---	---	---	---	---	21
133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	2,812
	KENNEBEC	No	---	---	---	---	---	156
	WABASH	Yes	flood plain	2B3	YES	NO	NO	156
133B: COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	1,058
	ELY	No	---	---	---	---	---	59
	OLMITZ	No	---	---	---	---	---	59
175D: DICKINSON FINE SANDY LOAM, 5 TO 14 PERCENT SLOPES	DICKINSON	No	---	---	---	---	---	241

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
179D: GARA LOAM, 9 TO 14 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	13
	SHARPSBURG	No	---	---	---	---	---	13
	GARA	No	---	---	---	---	---	934
	ARMSTRONG	No	---	---	---	---	---	52
	CLARINDA	Yes	hill	2B3	YES	NO	NO	52
179D2: GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	3,384
	ARMSTRONG	No	---	---	---	---	---	188
	CLARINDA	Yes	hill	2B3	YES	NO	NO	188
179E: GARA LOAM, 14 TO 18 PERCENT SLOPES	GARA	No	---	---	---	---	---	1,401
	ARMSTRONG	No	---	---	---	---	---	74
179E2: GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	6,106
	ARMSTRONG	No	---	---	---	---	---	321
179F: GARA LOAM, 18 TO 25 PERCENT SLOPES	GARA	No	---	---	---	---	---	3,297
192C: ADAIR CLAY LOAM, 5 TO 9 PERCENT SLOPES	ADAIR	No	---	---	---	---	---	802
	CLARINDA	Yes	hill	2B3	YES	NO	NO	47
	LINEVILLE	No	---	---	---	---	---	47
	SHELBY	No	---	---	---	---	---	47
192C2: ADAIR CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ADAIR	No	---	---	---	---	---	4,632
	CLARINDA	Yes	hill	2B3	YES	NO	NO	272
	LINEVILLE	No	---	---	---	---	---	272
	SHELBY	No	---	---	---	---	---	272
192D2: ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ADAIR	No	---	---	---	---	---	592
	SHARPSBURG	No	---	---	---	---	---	33

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	SHELBY	No	---	---	---	---	---	33
212: KENNEBEC SILT LOAM, 0 TO 2 PERCENT SLOPES	KENNEBEC	No	---	---	---	---	---	1,074
	COLO	Yes	flood plain	2B3	YES	NO	NO	56
220: NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	8,265
	COLO	Yes	flood plain	2B3	YES	NO	NO	435
222C: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	CLARINDA	Yes	hill	2B3	YES	NO	NO	6,525
	CLEARFIELD	Yes	hill	2B3	YES	NO	NO	362
	LAMONI	No	---	---	---	---	---	362
222C2: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARINDA	Yes	hill	2B3	YES	NO	NO	7,991
	CLEARFIELD	Yes	hill	2B3	YES	NO	NO	444
	NIRA	No	---	---	---	---	---	444
222D: CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	CLARINDA	Yes	hill	2B3	YES	NO	NO	1,148
	ADAIR	No	---	---	---	---	---	64
	LAMONI	No	---	---	---	---	---	64
222D2: CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLARINDA	Yes	hill	2B3	YES	NO	NO	1,249
	ADAIR	No	---	---	---	---	---	69
	LAMONI	No	---	---	---	---	---	69
248: WABASH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	WABASH	Yes	flood plain	2B3,3	YES	NO	YES	1,634
	COLO	Yes	flood plain	2B3	YES	NO	NO	91
	HUMESTON	Yes	flood plain	2B3	YES	NO	NO	91



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370C: SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	SHARPSBURG	No	---	---	---	---	---	6,345
	CLEARFIELD	Yes	hill	2B3	YES	NO	NO	705
370C2: SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	SHARPSBURG	No	---	---	---	---	---	733
	ADAIR	No	---	---	---	---	---	41
	SHELBY	No	---	---	---	---	---	41
370D: SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	SHARPSBURG	No	---	---	---	---	---	895
	LADOGA	No	---	---	---	---	---	50
	NIRA	No	---	---	---	---	---	50
371C: NIRA-SHARPSBURG SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES	NIRA	No	---	---	---	---	---	14,700
	SHARPSBURG	No	---	---	---	---	---	8,575
	SHELBY	No	---	---	---	---	---	1,225
371C2: NIRA-SHARPSBURG SILTY CLAY LOAMS, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	NIRA	No	---	---	---	---	---	449
	SHARPSBURG	No	---	---	---	---	---	262
	SHELBY	No	---	---	---	---	---	37
425C: KESWICK LOAM, 5 TO 9 PERCENT SLOPES	KESWICK	No	---	---	---	---	---	292
	LINDLEY	No	---	---	---	---	---	16
	WELLER	No	---	---	---	---	---	16
451C2: CALEB LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CALEB	No	---	---	---	---	---	212
	ARMSTRONG	No	---	---	---	---	---	12
	GARA	No	---	---	---	---	---	12
	MYSTIC	No	---	---	---	---	---	12

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451D2: CALEB LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CALEB	No	---	---	---	---	---	1,337
	DICKINSON	No	---	---	---	---	---	70
451E2: CALEB LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	CALEB	No	---	---	---	---	---	469
	ARMSTRONG	No	---	---	---	---	---	28
	GARA	No	---	---	---	---	---	28
	MYSTIC	No	---	---	---	---	---	28
452C: LINEVILLE SILT LOAM, 5 TO 9 PERCENT SLOPES	LINEVILLE	No	---	---	---	---	---	192
	ARMSTRONG	No	---	---	---	---	---	11
	LADOGA	No	---	---	---	---	---	11
	PERSHING	No	---	---	---	---	---	11
592C2: MYSTIC SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	748
	CALEB	No	---	---	---	---	---	44
	GARA	No	---	---	---	---	---	44
	PERSHING	No	---	---	---	---	---	44
592D2: MYSTIC SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	360
	CALEB	No	---	---	---	---	---	21
	GARA	No	---	---	---	---	---	21
	PERSHING	No	---	---	---	---	---	21
792C: ARMSTRONG LOAM, 5 TO 9 PERCENT SLOPES	ARMSTRONG	No	---	---	---	---	---	1,125
	GARA	No	---	---	---	---	---	62
	KESWICK	No	---	---	---	---	---	62
792C2: ARMSTRONG LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ARMSTRONG	No	---	---	---	---	---	3,352
	GARA	No	---	---	---	---	---	186

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792D2: ARMSTRONG LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	KESWICK	No	---	---	---	---	---	186
	ARMSTRONG	No	---	---	---	---	---	1,154
	GARA	No	---	---	---	---	---	61
822C: LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	LAMONI	No	---	---	---	---	---	364
	CLARINDA	Yes	hill	2B3	YES	NO	NO	20
	SHELBY	No	---	---	---	---	---	20
822C2: LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LAMONI	No	---	---	---	---	---	2,678
	CLARINDA	Yes	hill	2B3	YES	NO	NO	149
	SHELBY	No	---	---	---	---	---	149
822D: LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	LAMONI	No	---	---	---	---	---	421
	ADAIR	No	---	---	---	---	---	25
	CLARINDA	Yes	hill	2B3	YES	NO	NO	25
822D2: LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	25
	LAMONI	No	---	---	---	---	---	485
	CLARINDA	Yes	hill	2B3	YES	NO	NO	27
993D2: GARA-ARMSTRONG LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	27
	GARA	No	---	---	---	---	---	3,430
	ARMSTRONG	No	---	---	---	---	---	2,058
993E2: GARA-ARMSTRONG LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	OTHER	No	---	---	---	---	---	1,372
	GARA	No	---	---	---	---	---	124

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
C220: NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES, CHANNELED	ARMSTRONG	No	---	---	---	---	---	74
	OTHER	No	---	---	---	---	---	50
	NODAWAY	No	---	---	---	---	---	757
	COLO	Yes	flood plain	3,2B3	YES	NO	YES	16
	OTHER	Yes	oxbow	4	NO	YES	NO	16
T76B: LADOGA SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	428
T76C: LADOGA SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	337
T130: BELINDA SILT LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	BELINDA	Yes	ridge	2B3	YES	NO	NO	309
	WELLER	No	---	---	---	---	---	16
T131B: PERSHING SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	670
	OTHER	Yes	depression	2B3	YES	NO	NO	14
T131C: PERSHING SILT LOAM, BENCHES, 5 TO 9 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	750