

## Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II  
HYDRIC SOIL INTERPRETATIONS

Des Moines 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
41: SPARTA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	SPARTA	No	---	---	---	---	---	585
41B: SPARTA LOAMY FINE SAND, 2 TO 7 PERCENT SLOPES	SPARTA	No	---	---	---	---	---	285
51: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	VESSER	No	---	---	---	---	---	708
	TUSKEEGO	Yes	flood plain	4,2B3	YES	YES	NO	37
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	2,960
56B: CANTRIL LOAM, 2 TO 5 PERCENT SLOPES	CANTRIL	No	---	---	---	---	---	648
	COPPOCK	No	---	---	---	---	---	36
	OTHER	Yes	flood plain	2B3	YES	NO	NO	36
58E: DOUDS LOAM, 14 TO 18 PERCENT SLOPES	DOUDS	No	---	---	---	---	---	445
65D2: LINDLEY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	No	---	---	---	---	---	413
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	22
65E: LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	10,668
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	562
65E2: LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	No	---	---	---	---	---	19,736
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	1,039
65F: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	11,438
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	602
65G: LINDLEY LOAM, 25 TO 40 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	2,954
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	156

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74: RUBIO SILT LOAM, 0 TO 2 PERCENT SLOPES	RUBIO	Yes	ridge	2B3	YES	NO	NO	560
	GIVIN	No	---	---	---	---	---	30
75: GIVIN SILT LOAM, 1 TO 3 PERCENT SLOPES	GIVIN	No	---	---	---	---	---	11,200
	RUBIO	Yes	depression	2B3	YES	NO	NO	590
76B: LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	5,287
	GIVIN	No	---	---	---	---	---	278
76C: LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES	LADOGA	No	---	---	---	---	---	660
76C2: LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LADOGA	No	---	---	---	---	---	2,230
80B: CLINTON SILT LOAM, 2 TO 5 PERCENT SLOPES	CLINTON	No	---	---	---	---	---	13,927
	KEOMAH	No	---	---	---	---	---	733
80C: CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES	CLINTON	No	---	---	---	---	---	11,509
	INTON	No	---	---	---	---	---	606
80C2: CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLINTON	No	---	---	---	---	---	11,990
80D: CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES	CLINTON	No	---	---	---	---	---	2,741
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	144
80D2: CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLINTON	No	---	---	---	---	---	1,112
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	58
122: SPERRY SILT LOAM, 0 TO 1 PERCENT SLOPES	SPERRY	Yes	depression	2B3,3	YES	NO	YES	423
	TAINTOR	Yes	ridge	2B3	YES	NO	NO	22

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130: BELINDA SILT LOAM, 0 TO 2 PERCENT SLOPES	BELINDA	Yes	ridge	2B3	YES	NO	NO	204
	PERSHING	No	---	---	---	---	---	11
131B: PERSHING SILT LOAM, 2 TO 5 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	1,150
	BELINDA	Yes	ridge	2B3	YES	NO	NO	60
131C2: PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	PERSHING	No	---	---	---	---	---	294
	RINDA	Yes	hill	2B3	YES	NO	NO	16
132B: WELLER SILT LOAM, 2 TO 5 PERCENT SLOPES	WELLER	No	---	---	---	---	---	1,434
	BECKWITH	Yes	ridge	2B3	YES	NO	NO	76
132C: WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES	WELLER	No	---	---	---	---	---	454
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	25
	KESWICK	No	---	---	---	---	---	25
132C2: WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	WELLER	No	---	---	---	---	---	504
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	28
	KESWICK	No	---	---	---	---	---	28
133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	1,720
133B: COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	COLO	Yes	flood plain	2B3	YES	NO	NO	2,285
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	3,050
158: DORCHESTER SILT LOAM, 0 TO 2 PERCENT SLOPES	DORCHESTER	No	---	---	---	---	---	266
	SANDY	No	---	---	---	---	---	14
163B: FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	FAYETTE	No	---	---	---	---	---	1,382
	KEOMAH	No	---	---	---	---	---	73

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163C: FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES	FAYETTE	No	---	---	---	---	1,477	
	CLINTON	No	---	---	---	---	78	
163C2: FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	FAYETTE	No	---	---	---	---	420	
163D: FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES	FAYETTE	No	---	---	---	---	210	
172: WABASH SILTY CLAY, 0 TO 2 PERCENT SLOPES	WABASH	Yes	flood plain	2B3,3	YES	NO	YES	3,850
173: HOOPESTON SANDY LOAM, 0 TO 2 PERCENT SLOPES	HOOPESTON	No	---	---	---	---	---	981
	other	Yes	depression	2B3	YES	NO	NO	109
174: BOLAN LOAM, 0 TO 2 PERCENT SLOPES	BOLAN	No	---	---	---	---	---	325
174B: BOLAN LOAM, 2 TO 5 PERCENT SLOPES	BOLAN	No	---	---	---	---	---	415
175: DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	DICKINSON	No	---	---	---	---	---	405
175B: DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	DICKINSON	No	---	---	---	---	---	328
179D2: GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	209
	RINDA	Yes	hill	2B3	YES	NO	NO	11
179E: GARA LOAM, 14 TO 18 PERCENT SLOPES	GARA	No	---	---	---	---	---	214
	RINDA	Yes	hill	2B3	YES	NO	NO	11
179E2: GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	446
	RINDA	Yes	hill	2B3	YES	NO	NO	24

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180: KEOMAH SILT LOAM, 1 TO 3 PERCENT SLOPES	KEOMAH	No	---	---	---	---	---	7,567
	OTHER	Yes	depression	2B3	YES	NO	NO	398
208: KLUM FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	KLUM	No	---	---	---	---	---	950
	LAWSON	No	---	---	---	---	---	53
	OTHER	Yes	flood plain	4,2B3	YES	YES	NO	53
220: NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	3,114
	other	Yes	flood plain	2B3	YES	NO	NO	346
222C: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	CLARINDA	Yes	hill	2B3	YES	NO	NO	1,230
	COLO	Yes	flood plain	2B3	YES	NO	NO	65
223C2: RINDA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	RINDA	Yes	hill	2B3	YES	NO	NO	598
	HEDRICK	No	---	---	---	---	---	32
223D2: RINDA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	RINDA	Yes	hill	2B3	YES	NO	NO	299
	HEDRICK	No	---	---	---	---	---	16
263: OKAW SILT LOAM, 0 TO 2 PERCENT SLOPES	OKAW	Yes	terrace	2B3	YES	NO	NO	209
	BETTER DRAINED	No	---	---	---	---	---	11
263B: OKAW SILT LOAM, 2 TO 5 PERCENT SLOPES	OKAW	Yes	terrace	2B3	YES	NO	NO	238
	BETTER DRAINED	No	---	---	---	---	---	12
279: TAINTOR SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	TAINTOR	Yes	ridge	2B3	YES	NO	NO	19,026
	MAHASKA	No	---	---	---	---	---	1,057
	SPERRY	Yes	depression	2B3	YES	NO	NO	1,057





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	RINDA	Yes	hill	2B3	YES	NO	NO	164
572B: INTON SILT LOAM, 2 TO 5 PERCENT SLOPES	INTON	No	---	---	---	---	---	570
	KEOMAH	No	---	---	---	---	---	30
572C2: INTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	INTON	No	---	---	---	---	---	1,235
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	65
730B: NODAWAY-CANTRIL-KLUM COMPLEX, 2 TO 5 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	1,840
	CANTRIL	No	---	---	---	---	---	1,022
	KLUM	No	---	---	---	---	---	818
	COPPOCK	No	---	---	---	---	---	204
	OTHER	Yes	flood plain	2B3	YES	NO	NO	204
779: KALONA SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	KALONA	Yes	ridge	2B3	YES	NO	NO	785
793: BERTRAND SILT LOAM, 0 TO 2 PERCENT SLOPES	BERTRAND	No	---	---	---	---	---	504
	DICKINSON	No	---	---	---	---	---	26
793B: BERTRAND SILT LOAM, 2 TO 5 PERCENT SLOPES	BERTRAND	No	---	---	---	---	---	484
	DICKINSON	No	---	---	---	---	---	26
795D2: ASHGROVE SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ASHGROVE	Yes	hill	2B3	YES	NO	NO	276
	INTON	No	---	---	---	---	---	14
834: TITUS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	TITUS	Yes	flood plain	2B3	YES	NO	NO	2,992
	Other	Yes	flood plain	4	NO	YES	NO	158
880B: CLINTON SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	CLINTON	No	---	---	---	---	---	995

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893D2: GARA-RINDA COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	928	
	RINDA	Yes	hill	2B3	YES	NO	NO	265
	LADOGA	No	---	---	---	---	---	66
	OTHER	Yes	hill	2B3	YES	NO	NO	66
950: NIOTA VARIANT SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	NIOTA VARIANT	Yes	terrace	2B3	YES	NO	NO	195
950D: NIOTA VARIANT SILTY CLAY LOAM, 7 TO 14 PERCENT SLOPES	NIOTA VARIANT	Yes	terrace	2B3	YES	NO	NO	115
960: SHAFFTON LOAM, 0 TO 2 PERCENT SLOPES	SHAFFTON	No	---	---	---	---	---	2,079
	other	Yes	flood plain	2B3,4	YES	YES	NO	231
961: AMBRAW LOAM, 0 TO 2 PERCENT SLOPES	AMBRAW	Yes	flood plain	2B3,4	YES	YES	NO	370
	Other	Yes	oxbow	2B3,3	YES	NO	YES	20
1273B: OLMITZ VARIANT LOAM, 2 TO 5 PERCENT SLOPES	OLMITZ VARIANT	No	---	---	---	---	---	285
1273C: OLMITZ VARIANT LOAM, 5 TO 10 PERCENT SLOPES	OLMITZ VARIANT	No	---	---	---	---	---	465
1316: FLUVAQUENTS, FREQUENTLY FLOODED, 0 TO 3 PERCENT SLOPES	FLUVAQUENTS	Yes	flood plain	4,3,2B3	YES	YES	YES	2,840
	Other	Yes	oxbow	3,2B3	YES	NO	YES	150
1587: DOLBEE SILT LOAM, 0 TO 2 PERCENT SLOPES	DOLBEE	Yes	flood plain	2B3	YES	NO	NO	3,914
	ZOOK	Yes	flood plain	2B3	YES	NO	NO	206
1826: SNIDER LOAM, 0 TO 2 PERCENT SLOPES	SNIDER	No	---	---	---	---	---	878
	other	Yes	flood plain	2B3,4	YES	YES	NO	98
2208: KLUM FINE SANDY LOAM, CALCAREOUS, 0 TO 2 PERCENT SLOPES	KLUM	No	---	---	---	---	---	220

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	other	Yes	flood plain	2B3	YES	NO	NO	24
2226: ELRIN LOAM, 0 TO 2 PERCENT SLOPES	ELRIN	No	---	---	---	---	---	978
	OTHER	Yes	flood plain	2B3	YES	NO	NO	52
2484: LAWSON SILT LOAM, FREQUENTLY FLOODED, 0 TO 2 PERCENT SLOPES	LAWSON	No	---	---	---	---	---	594
	Colo	Yes	flood plain	2B3,4	YES	YES	NO	66
4000: URBAN LAND	URBAN LAND	Unranked	---	---	---	---	---	725
5010: PITS, SAND AND GRAVEL	PITS	Unranked	---	---	---	---	---	95
5030: PITS, LIMESTONE QUARRY	PITS	Unranked	---	---	---	---	---	285
5040: ORTHENTS, LOAMY	ORTHENTS	Unranked	---	---	---	---	---	80
5080: ORTHENTS, NEARLY LEVEL	ORTHENTS	Unranked	---	---	---	---	---	230
W: WATER	WATER	Unranked	---	---	---	---	---	772