Lee County, Iowa
Hydric Soils

Print date: 10/17/2016

(ONLY MAPUNITS THAT CONTAIN HYDRIC SOILS ARE LISTED)

Map Symbol And map unit name	Hydric Component	Percent Of Map Unit	Hydric Rating	Landform	Hydric Soils Criteria			
					Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria
13B:								
Colo-Vesser complex, 2 to 5 percent slopes	Colo, Frequently flooded	60	Yes	drainageways	2	Yes	No	No
	Vesser, rarely flooded	30	Yes	drainageways	2	Yes	No	No
	Chequest, occasionally flooded	10	Yes	drainageways	2	Yes	No	No
23C:								
Arispe silty clay loam, 5 to 9 percent slopes	Clarinda	5	Yes	hillslopes	2	Yes	No	No
23C2:								
Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	Clarinda, moderately eroded	10	Yes	hillslopes	2	Yes	No	No
51:								
Vesser silt loam, 0 to 2 percent slopes	Vesser, occasionally flooded	95	Yes	flood plains	2	Yes	No	No
	Coppock, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
56:								
Cantril loam, 0 to 2 percent slopes	Vesser, rarely flooded	5	Yes	flood plains	2	Yes	No	No
56B:								
Cantril loam, 2 to 5 percent slopes	Colo, frequently flooded, overwash	5	Yes	alluvial fans	2	Yes	No	No
57:								
Rushville silt loam, 0 to 2 percent slopes	Rushville	100	Yes	flats	3, 2	Yes	No	Yes
75:								
Givin silt loam, 1 to 3 percent slopes	Rubio	5	Yes	flats	2	Yes	No	No
80C2:								
Clinton silt loam, 5 to 9 percent slopes, eroded	Ashgrove, eroded	5	Yes	interfluves	2	Yes	No	No
130:								
Belinda silt loam, 0 to 2 percent slopes	Belinda	95	Yes	flats	2	Yes	No	No
	Belinda, ponded	5	Yes	flats	2	Yes	No	No

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131B:								
Pershing silt loam, 2 to 5 percent slopes	Belinda	5	Yes	interfluves	2	Yes	No	No
131C2:								
Pershing silt loam, 5 to 9 percent slopes, moderately eroded	Rinda, moderately eroded	5	Yes	hillslopes	2	Yes	No	No
132B:								
Weller silt loam, 2 to 5 percent slopes	Beckwith	5	Yes	interfluves	2	Yes	No	No
132C2:								
Weller silt loam, 5 to 9 percent slopes, moderately eroded	Ashgrove, moderately eroded	5	Yes	interfluves	2	Yes	No	No
133:								
Colo silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	Colo, occasionally flooded	85	Yes	flood-plain steps	2	Yes	No	No
	Colo, ponded	5	Yes	flood-plain steps	2	Yes	No	No
172:								
Wabash silty clay, 0 to 2 percent slopes	Wabash, occasionally flooded	95	Yes	flood plains	3, 2	Yes	No	Yes
	Zook, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
173:								

Hoopeston sandy loam, 0 to 2 percent slopes	Granby, rarely flooded	5	Yes	stream terraces	2	Yes	No	No
180:								
Keomah silt loam, 0 to 2 percent slopes	Rushville	5	Yes	depressions on interfluves	3, 2	Yes	No	Yes
180B:								
Keomah silt loam, 2 to 5 percent slopes	Rushville	5	Yes	depressions on interfluves	2	Yes	No	No
208:								
Landes sandy loam, 0 to 2 percent slopes	Coland, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
211:								
Edina silt loam, 0 to 1 percent slopes	Edina	90	Yes	flats	2	Yes	No	No
	Haig	10	Yes	flats	2	Yes	No	No
220:								
Nodaway silt loam, 0 to 2 percent slopes	Aquents, frequently flooded, ponded	5	Yes	flood plains	3, 4, 2	Yes	Yes	Yes

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	Colo, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
222C:								
Clarinda silty clay loam, 5 to 9 percent slopes	Clarinda	85	Yes	hillslopes	2	Yes	No	No
	Clearfield	10	Yes	hillslopes	2	Yes	No	No
	Clarinda, moderately eroded	5	Yes	hillslopes	2	Yes	No	No
222C2:								
Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	Clarinda, moderately eroded	85	Yes	hillslopes	2	Yes	No	No
	Clearfield	10	Yes	hillslopes	2	Yes	No	No
	Clarinda, severely eroded	5	Yes	hillslopes	2	Yes	No	No
223C:								
Rinda silt loam, 5 to 9 percent slopes	Rinda	100	Yes	hillslopes	2	Yes	No	No
223D2:								
Rinda silt loam, 9 to 14 percent slopes, moderately eroded	Rinda, moderately eroded	90	Yes	hillslopes	2	Yes	No	No
	Rinda, severely eroded	5	Yes	hillslopes	2	Yes	No	No
260:								
Beckwith silt loam, 0 to 2 percent slopes	Beckwith	95	Yes	interfluves	2	Yes	No	No
263:								
Okaw silt loam, 0 to 3 percent slopes	Okaw, rarely flooded	100	Yes	stream terraces	2	Yes	No	No
291:								
Atterberry silt loam, 0 to 2 percent slopes	Walford	5	Yes	flats	2	Yes	No	No
316:								
Birds-Klum complex, 0 to 2 percent slopes, frequently flooded	Birds, Frequently flooded	50	Yes	flood plains	2	Yes	No	No
	Toolesboro, frequently flooded	10	Yes	flood plains	2	Yes	No	No
354:								
Marsh	Marsh, occasionally flooded, ponded	90	Yes	depressions	1, 3	No	No	Yes

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	Aquents, frequently flooded, ponded	10	Yes	flood plains	2, 4, 3	Yes	Yes	Yes
362:								
Haig silt loam, 0 to	Haig	90	Yes	flats	2	Yes	No	No

2 percent slopes									
	Edina	10	Yes	divides	2	Yes	No	No	
363: Haig silty clay loam, 0 to 2 percent slopes	Haig	90	Yes	flats	2	Yes	No	No	
	Edina	10	Yes	divides	2	Yes	No	No	
364: Grundy silt loam, 0 to 2 percent slopes	Edina	5	Yes	flats	2	Yes	No	No	
	Haig	5	Yes	flats	2	Yes	No	No	
364B: Grundy silt loam, 2 to 5 percent slopes	Edina	5	Yes	flats	2	Yes	No	No	
380: Mahaska silt loam, 1 to 3 percent slopes	Taintor	5	Yes	flats	2	Yes	No	No	
453: Tuskeego silt loam, 0 to 2 percent slopes, rarely flooded	Tuskeego, rarely flooded	100	Yes	stream terraces	2	Yes	No	No	
	Tuskeego, rarely flooded	95	Yes	stream terraces	2	Yes	No	No	
	Coppock, occasionally flooded	5	Yes	flood-plain steps	2	Yes	No	No	
484: Lawson silt loam, 0 to 2 percent slopes	Colo, overwash, occasionally flooded	5	Yes	flood plains	2	Yes	No	No	
485: Spillville loam, 0 to 2 percent slopes	Coland, occasionally flooded	5	Yes	flood plains	2	Yes	No	No	
520: Coppock silt loam, 0 to 2 percent slopes	Coppock, occasionally flooded	100	Yes	flood plains	2	Yes	No	No	
587: Chequest silty clay loam, 0 to 2 percent slopes	Chequest, occasionally flooded	90	Yes	flood plains	2, 4	Yes	Yes	No	

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	Chequest, overwash, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
	Coppock, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
688: Koszta silt loam, 0 to 2 percent slopes	Chequest, occasionally flooded	5	Yes	flood plains	4, 2	Yes	Yes	No
	Colo, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
720: Racoon silt loam, 0 to 2 percent slopes	Racoon, occasionally flooded	85	Yes	flood plains	2	Yes	No	No
	Coppock, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
	Okaw, rarely flooded	5	Yes	stream terraces	2	Yes	No	No
730B: Nodaway-Cantril complex, 2 to 5 percent slopes	Colo, frequently flooded	5	Yes	flood plains	2	Yes	No	No
	Vesser, frequently flooded	5	Yes	flood plains	2	Yes	No	No
792C2: Armstrong loam, 5 to 9 percent slopes, moderately eroded	Rinda, moderately eroded	5	Yes	hillslopes	2	Yes	No	No
795C2: Ashgrove silt loam, 5 to 9 percent slopes, moderately eroded	Ashgrove, moderately eroded	90	Yes	interfluves	2	Yes	No	No
	Ashgrove, severely eroded	5	Yes	interfluves	2	Yes	No	No
795C3: Ashgrove soils, 5 to 9 percent slopes, severely eroded	Ashgrove, severely eroded	100	Yes	hillslopes	2	Yes	No	No

795D2: Ashgrove silt loam, 9 to 14 percent slopes, moderately eroded	Ashgrove, moderately eroded	90	Yes	interfluves	2	Yes	No	No
	Ashgrove, severely eroded	5	Yes	interfluves	2	Yes	No	No

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795D3: Ashgrove soils, 9 to 14 percent slopes, severely eroded	Ashgrove, severely eroded	100	Yes	hillslopes	2	Yes	No	No
820: Dockery silt loam, 0 to 2 percent slopes, occasionally flooded	Colo, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
832B: Weller silt loam, terrace, 2 to 5 percent slopes	Beckwith	5	Yes	terraces	2	Yes	No	No
	Belinda	5	Yes	terraces	2	Yes	No	No
950: Niota silty clay loam, 0 to 2 percent slopes	Niota	95	Yes	stream terraces	2	Yes	No	No
950B: Niota silty clay loam, 2 to 5 percent slopes	Niota	100	Yes	stream terraces	2	Yes	No	No
950D2: Niota silty clay loam, 7 to 14 percent slopes, moderately eroded	Niota, moderately eroded	100	Yes	stream terraces	2	Yes	No	No
952: Denrock variant silt loam, 0 to 2 percent slopes	Denrock variant	100	Yes	terraces	2	Yes	No	No
1057: Rushville silt loam, terrace, 0 to 2 percent slopes	Rushville, terrace	95	Yes	depressions on stream terraces	2	Yes	No	No
1130: Belinda silt loam, terrace, 0 to 2 percent slopes	Belinda, terrace	90	Yes	stream terraces	2	Yes	No	No
	Belinda, ponded	5	Yes	stream terraces	2	Yes	No	No
1131B: Pershing silt loam, terrace, 2 to 5 percent slopes	Belinda, terrace	5	Yes	stream terraces	2	Yes	No	No
1152: Marshan clay loam, 0 to 2 percent slopes, rarely flooded	Marshan, rarely flooded	75	Yes	stream terraces	2	Yes	No	No
	Selmass, rarely flooded	5	Yes	stream terraces	2	Yes	No	No

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	Shandep, ponded, occasionally flooded	5	Yes	depressions on stream terraces	3, 2	Yes	No	Yes
1180: Keomah silt loam, benches, 0 to 2 percent slopes	Rushville, bench, ponded	5	Yes	flats	3, 2	Yes	No	Yes
1181: Keomah silt loam, bedrock substratum, 1 to 3 percent slopes	Rushville, bench, ponded, bedrock substratum	5	Yes	flats	2, 3	Yes	No	Yes
1220: Nodaway silt loam, channeled, 0 to 2 percent slopes	Nodaway, frequently flooded, channeled	75	Yes	flood plains	4	No	Yes	No
	Colo, Frequently flooded	10	Yes	flood plains	2, 4	Yes	Yes	No
	Perks, Frequently	10	Yes	flood plains	4	No	Yes	No

	flooded							
	Aquents, frequently flooded, ponded	5	Yes	flood plains	2, 3, 4	Yes	Yes	Yes
1226: Lawler loam, 0 to 2 percent slopes, rarely flooded	Marshan, rarely flooded	5	Yes	stream terraces	2	Yes	No	No
	Shandep, ponded, occasionally flooded	5	Yes	depressions on stream terraces	2, 3	Yes	No	Yes
1260: Beckwith silt loam, terrace, 0 to 2 percent slopes	Beckwith, terrace	95	Yes	stream terraces	2	Yes	No	No
1317: Birds-Orion Complex, channeled, 0 to 2 percent slopes, frequently flooded	Birds, frequently flooded, channeled	65	Yes	flood plains	3, 2, 4	Yes	Yes	Yes
	Orion, frequently flooded, channeled	15	Yes	flood plains	4	No	Yes	No
	Aquolls, ponded, frequently flooded	10	Yes	depressions	4, 3, 2	Yes	Yes	Yes

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	Klum, frequently flooded, channeled	10	Yes	flood plains	4	No	Yes	No
5053: Psammaquents, 0 to 2 percent slopes, frequently flooded	Psammaquents, Frequently flooded	100	Yes	flood plains	2, 4	Yes	Yes	No
S51: Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	Vesser, occasionally flooded	80	Yes	flood plains	2	Yes	No	No
	Colo, occasionally flooded	10	Yes	flood plains	2	Yes	No	No
	Vesser, occasionally flooded, overwash	5	Yes	flood plains	2	Yes	No	No
S220: Nodaway silt loam, heavy till, 0 to 2 percent slopes	Aquents, frequently flooded, ponded	5	Yes	flood plains	2, 3, 4	Yes	Yes	Yes
	Colo, occasionally flooded	5	Yes	flood-plain steps	2	Yes	No	No
S484: Lawson silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	Colo, occasionally flooded	5	Yes	flood-plain steps	2	Yes	No	No
S520: Coppock silt loam, 0 to 2 percent slopes, occasionally flooded	Coppock, occasionally flooded	95	Yes	flood-plain steps	2	Yes	No	No
	Tuskeego, rarely flooded	5	Yes	stream terraces	2	Yes	No	No
S587: Chequest silty clay loam, 0 to 2 percent slopes, occasionally flooded	Chequest, occasionally flooded	85	Yes	flood-plain steps	2	Yes	No	No
	Chequest, occasionally flooded, overwash	5	Yes	flood-plain steps	2	Yes	No	No
	Vesser, occasionally flooded	5	Yes	flood-plain steps	2	Yes	No	No
	Zook, occasionally flooded	5	Yes	flood-plain steps	2	Yes	No	No

Explanation of hydric criteria codes:

1. All Histels (except for Folistels), and Histosols (except for Folists), which are, by definition, saturated
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
   A. are somewhat poorly drained and have a water table at the surface (0.0 feet) during the growing season, or

B. are poorly drained or very poorly drained and have either:

1.) a water table at the surface (0.0 feet) during the growing season if textures are coarse sand, sand, or fine sand in all layers within a depth of 20 inches, or

2.) a water table at a depth of 0.5 foot or less during the growing season if permeability is equal to or greater than 6.0 in/hr in all layers within a depth of 20 inches, or

3.) a water table at a depth of 1.0 foot or less during the growing season if permeability is less than 6.0 in/hr in any layer within a depth of 20 inches.

3. Soils that are frequently ponded for periods of long or very long duration during the growing season.
4. Soils that are frequently flooded for periods of long or very long duration during the growing season.