Pottawattamie County, Iowa
Hydric Soils

Print date: 12/02/2015

(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
8B: Judson silt loam, 2 to 5 percent slopes	Colo	5	Yes	flood plains	2	Yes	No	No
9: Marshall silty clay loam, 0 to 2 percent slopes	Corley	5	Yes	depressions	2	Yes	No	No
11B: Ackmore-Colo-Judson complex, 0 to 5 percent slopes	Colo, occasionally flooded	25	Yes	drainageways	2	Yes	No	No
43: Bremer silty clay loam, 0 to 2 percent slopes	Bremer, rarely flooded	95	Yes	stream terraces	2	Yes	No	No
44: Blencoe silty clay, 0 to 2 percent slopes	Blencoe, rarely flooded	90	Yes	flood plains	2	Yes	No	No
	Luton, rarely flooded	5	Yes	flood plains	2	Yes	No	No
46: Keg silt loam, 0 to 2 percent slopes	Luton, rarely flooded	5	Yes	flood plains	2	Yes	No	No
54: Zook silty clay loam, 0 to 2 percent slopes	Zook, occasionally flooded	100	Yes	flood plains	2	Yes	No	No
54+: Zook silt loam, overwash, 0 to 2 percent slopes	Zook, overwash, occasionally flooded	95	Yes	flood plains	2	Yes	No	No
66: Luton silty clay, 0 to 2 percent slopes	Luton, occasionally flooded	95	Yes	flood plains	3, 2	Yes	No	Yes
66+: Luton silt loam, overwash, 0 to 2 percent slopes	Luton, overwash, occasionally flooded	95	Yes	flood plains	3, 2	Yes	No	Yes
70:								

McPaul silt loam, 0 to 2 percent slopes	Luton, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
88: Nevin silty clay loam, 0 to 2 percent slopes	Bremer, occasionally flooded	5	Yes	stream terraces	2	Yes	No	No

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133: Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	Colo, occasionally flooded	85	Yes	flood plains	2	Yes	No	No
	Calco, occasionally flooded	5	Yes	till plains	2	Yes	No	No
	Zook, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
133+: Colo silt loam, deep loess, 0 to 2 percent slopes, overwash, occasionally flooded	Colo, overwash, occasionally flooded	85	Yes	flood plains	2	Yes	No	No
	Zook, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
137: Haynie silt loam, 0 to 2 percent slopes	Albaton, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
144: Blake silty clay loam, 0 to 2 percent slopes	Albaton, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
146: Onawa silty clay, 0 to 2 percent slopes	Albaton, rarely flooded	5	Yes	flood plains	2	Yes	No	No
149: Modale silt loam, 0 to 2 percent slopes	Albaton, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
156: Albaton silty clay, 0 to 2 percent slopes	Albaton, occasionally flooded	100	Yes	flood plains	2	Yes	No	No
156+:								

Albaton silt loam, overwash, 0 to 2 percent slopes	Albaton, overwash, occasionally flooded	100	Yes	flood plains	2	Yes	No	No
212: Kennebec silt loam, 0 to 2 percent slopes	Colo, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
212+: Kennebec silt loam, overwash, 0 to 2 percent slopes	Colo, overwash, occasionally flooded	5	Yes	flood plains	2	Yes	No	No

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220: Nodaway silt loam, 0 to 2 percent slopes	Colo, overwash, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
222D2: Clarinda silty clay loam, 9 to 14 percent slopes, moderately eroded	Clarinda, moderately eroded	100	Yes	hillslopes	2	Yes	No	No
234: Nishna silty clay loam, 0 to 2 percent slopes	Nishna, occasionally flooded	100	Yes	flood plains	2	Yes	No	No
237: Sarpy loamy fine sand, 0 to 3 percent slopes	Albaton, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
255: Cooper silty clay loam, 0 to 2 percent slopes	Luton, rarely flooded, ponded	5	Yes	flood plains	2, 3	Yes	No	Yes
275: Moville silt loam, 0 to 2 percent slopes	Luton, occasionally flooded, ponded	5	Yes	flood plains	2	Yes	No	No
430: Ackmore silt loam, 0 to 2 percent slopes	Colo, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
436: Lakeport silty clay loam, 0 to 2 percent slopes	Luton, rarely flooded	5	Yes	flood plains	2	Yes	No	No

509B: Marshall silty clay loam, terrace, 2 to 5 percent slopes	Colo, frequently flooded	5	Yes	stream terraces	2	Yes	No	No
510: Monona silt loam, terrace, 0 to 2 percent slopes	Corley, terrace	10	Yes	stream terraces	2	Yes	No	No
514: Grable silt loam, 0 to 2 percent slopes	Albaton, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
515: Percival silty clay, 0 to 2 percent slopes	Albaton, occasionally flooded	5	Yes	flood plains	2	Yes	No	No
670: Rawles silt loam, 0 to 2 percent slopes	Luton, occasionally flooded	5	Yes	flood plains	2	Yes	No	No

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1233: Corley silt loam, 0 to 2 percent slopes	Corley, terrace	95	Yes	stream terraces	2	Yes	No	No
1299: Minden silty clay loam, 0 to 2 percent slopes	Corley, terrace	5	Yes	stream terraces	2	Yes	No	No
4046: Keg-Urban land complex, 0 to 2 percent slopes	Luton, rarely flooded	10	Yes	flood plains	2	Yes	No	No
4156: Albaton-Urban land complex, 0 to 2 percent slopes	Albaton, rarely flooded	50	Yes	flood plains	2	Yes	No	No
4237: Sarpy-Urban land complex, 1 to 3 percent slopes	Albaton, rarely flooded	5	Yes	flood plains	2	Yes	No	No
4255: Cooper-Urban land complex, 0 to 2 percent slopes	Luton, rarely flooded	5	Yes	flood plains	3, 2	Yes	No	Yes
5053: Psammaquents, frequently flooded	Psammaquents, frequently flooded, ponded	95	Yes	flood plains	2, 4	Yes	Yes	No

	Albaton, frequently flooded, ponded	5	Yes	flood plains	4, 2, 3	Yes	Yes	Yes

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.