

HYDRIC SOILS LIST

Story 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
6: OKOBOJI SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	95	Yes	pothole	3,2B3	Yes	No	Yes
	Harps	5	Yes	ground moraine	2B3	Yes	No	No
27B: TERRIL LOAM, 2 TO 5 PERCENT SLOPES	TERRIL	95	No	---	---	---	---	---
	OTHER	5	Yes	flood plain	2B3	Yes	No	No
27C: TERRIL LOAM, 5 TO 9 PERCENT SLOPES	TERRIL	100	No	---	---	---	---	---
34C: ESTHERVILLE SANDY LOAM, 2 TO 9 PERCENT SLOPES	ESTHERVILLE	100	No	---	---	---	---	---
41B: SPARTA LOAMY FINE SAND, 2 TO 5 PERCENT SLOPES	SPARTA	100	No	---	---	---	---	---
41C: SPARTA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	SPARTA	100	No	---	---	---	---	---
41D: SPARTA LOAMY FINE SAND, 9 TO 14 PERCENT SLOPES	SPARTA	90	No	---	---	---	---	---
	STORDEN	10	No	---	---	---	---	---
52B: BODE CLAY LOAM, 2 TO 5 PERCENT SLOPES	BODE	100	No	---	---	---	---	---
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ZOOK	95	Yes	flood plain	2B3,4	Yes	Yes	No
	Other	5	Yes	oxbow	2B3,3,4	Yes	Yes	Yes
55: NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	NICOLLET	95	No	---	---	---	---	---
	Other	5	Yes	pothole	2B3,3	Yes	No	Yes
62C3: STORDEN LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	STORDEN	95	No	---	---	---	---	---

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
	SANDY OR GRAVELLY KNOBS	5	No	---	---	---	---	---
62D: STORDEN LOAM, 9 TO 14 PERCENT SLOPES	STORDEN	95	No	---	---	---	---	---
	ZENOR	5	No	---	---	---	---	---
62D3: STORDEN LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	STORDEN	95	No	---	---	---	---	---
	SANDY OR GRAVELLY KNOBS	5	No	---	---	---	---	---
62E: STORDEN LOAM, 14 TO 18 PERCENT SLOPES	STORDEN	95	No	---	---	---	---	---
	OTHER	5	No	---	---	---	---	---
62E3: STORDEN LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	STORDEN	95	No	---	---	---	---	---
	ZENOR	5	No	---	---	---	---	---
62F: STORDEN LOAM, 18 TO 25 PERCENT SLOPES	STORDEN	90	No	---	---	---	---	---
	OTHER	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
65F: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	LINDLEY	95	No	---	---	---	---	---
	OTHER	5	No	---	---	---	---	---
90: OKOBOJI MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	95	Yes	pothole	3,2B3	Yes	No	Yes
	Harps	5	Yes	ground moraine	2B3	Yes	No	No
95: HARPS LOAM, 1 TO 3 PERCENT SLOPES	HARPS	95	Yes	ground moraine	2B3	Yes	No	No
	Other	5	Yes	pothole	2B3,3	Yes	No	Yes
107: WEBSTER CLAY LOAM, 0 TO 2 PERCENT SLOPES	WEBSTER	90	Yes	ground moraine	2B3	Yes	No	No

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	Other	10	Yes	pothole	3,2B3	Yes	No	Yes
108: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	90	No	---	---	---	---	---
	SANDY OR GRAVELLY KNOBS	10	No	---	---	---	---	---
108B: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	WADENA	95	No	---	---	---	---	---
	ESTHERVILLE	5	No	---	---	---	---	---
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLAND	95	Yes	flood plain	2B3	Yes	No	No
	Other	5	Yes	flood plain	4	No	Yes	No
136B: ANKENY FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	ANKENY	100	No	---	---	---	---	---
138B: CLARION LOAM, 2 TO 5 PERCENT SLOPES	CLARION	85	No	---	---	---	---	---
	NICOLLET	5	No	---	---	---	---	---
	SANDY OR GRAVELLY KNOBS	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
138C: CLARION LOAM, 5 TO 9 PERCENT SLOPES	CLARION	90	No	---	---	---	---	---
	SANDY OR GRAVELLY KNOBS	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
138C2: CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARION	95	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
138D2: CLARION LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLARION	100	No	---	---	---	---	---
168B: HAYDEN LOAM, 2 TO 5 PERCENT SLOPES	HAYDEN	90	No	---	---	---	---	---
	Cordova	5	Yes	ground moraine	2B3	Yes	No	No
	Other	5	Yes	pothole	3,2B3	Yes	No	Yes
168C: HAYDEN LOAM, 5 TO 9 PERCENT SLOPES	HAYDEN	100	No	---	---	---	---	---
168E: HAYDEN LOAM, 9 TO 18 PERCENT SLOPES	HAYDEN	90	No	---	---	---	---	---
	GRAVELLY OUTWASH	10	No	---	---	---	---	---
168F: HAYDEN LOAM, 18 TO 25 PERCENT SLOPES	HAYDEN	90	No	---	---	---	---	---
	GRAVELLY OUTWASH	10	No	---	---	---	---	---
175: DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	DICKINSON	95	No	---	---	---	---	---
	OTHER	5	No	---	---	---	---	---
175B: DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	DICKINSON	95	No	---	---	---	---	---
	OTHER	5	No	---	---	---	---	---
175C: DICKINSON FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	DICKINSON	90	No	---	---	---	---	---
	CLARION	5	No	---	---	---	---	---
	ZENOR	5	No	---	---	---	---	---
201B: COLAND-TERRIL COMPLEX, 1 TO 5 PERCENT SLOPES	COLAND	65	Yes	flood plain	2B3	Yes	No	No
	TERRIL	30	No	---	---	---	---	---
	Other	5	Yes	flood plain	4	No	Yes	No

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202: CYLINDER LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	95	No	---	---	---	---	---
	Other	5	Yes	outwash terrace	2B3	Yes	No	No
203: CYLINDER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	95	No	---	---	---	---	---
	Other	5	Yes	outwash terrace	2B3	Yes	No	No
221: PALMS MUCK, 0 TO 1 PERCENT SLOPES	PALMS	95	Yes	pothole	1,3	No	No	Yes
	OTHER	5	Yes	pothole	3,1	No	No	Yes
236B: LESTER LOAM, 2 TO 5 PERCENT SLOPES	LESTER	95	No	---	---	---	---	---
	OTHER	5	No	---	---	---	---	---
236C: LESTER LOAM, 5 TO 9 PERCENT SLOPES	LESTER	85	No	---	---	---	---	---
	Okoboji	5	Yes	pothole	2B3,3	Yes	No	Yes
	Webster	5	Yes	ground moraine	2B3	Yes	No	No
	Cordova	3	Yes	ground moraine	2B3	Yes	No	No
	ZENOR	2	No	---	---	---	---	---
236C2: LESTER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LESTER	85	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
	ZENOR	5	No	---	---	---	---	---
	Cordova	2	Yes	ground moraine	2B3	Yes	No	No
	Okoboji	2	Yes	pothole	3,2B3	Yes	No	Yes
	Webster	1	Yes	ground moraine	2B3	Yes	No	No
236D: LESTER LOAM, 9 TO 14 PERCENT SLOPES	LESTER	90	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---

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236D2: LESTER LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ZENOR	5	No	---	---	---	---	---
	LESTER	90	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
	ZENOR	5	No	---	---	---	---	---
236E: LESTER LOAM, 14 TO 18 PERCENT SLOPES	LESTER	90	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
	ZENOR	5	No	---	---	---	---	---
236F: LESTER LOAM, 18 TO 25 PERCENT SLOPES	LESTER	90	No	---	---	---	---	---
	Coland	5	Yes	flood plain	2B3	Yes	No	No
	TERRIL	5	No	---	---	---	---	---
253B: FARRAR FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	FARRAR	90	No	---	---	---	---	---
	CLARION	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
	BISCAY	95	Yes	outwash terrace	2B3	Yes	No	No
259: BISCAY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Other	5	Yes	pothole	3,2B3	Yes	No	Yes
	ROLFE	100	Yes	pothole	2B3,3	Yes	No	Yes
274: ROLFE LOAM, 0 TO 1 PERCENT SLOPES	FLAGLER	95	No	---	---	---	---	---
	WADENA	5	No	---	---	---	---	---
284: FLAGLER SANDY LOAM, 0 TO 2 PERCENT SLOPES	FLAGLER	100	No	---	---	---	---	---
	OTTOSEN	95	No	---	---	---	---	---
284B: FLAGLER SANDY LOAM, 2 TO 5 PERCENT SLOPES	Other	5	Yes	ground moraine	2B3	Yes	No	No
	OTTOSEN	95	No	---	---	---	---	---
288: OTTOSEN CLAY LOAM, 1 TO 3 PERCENT SLOPES	Other	5	Yes	ground moraine	2B3	Yes	No	No
	Other	5	Yes	ground moraine	2B3	Yes	No	No

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356G: HAYDEN-STORDEN LOAMS, 25 TO 50 PERCENT SLOPES	HAYDEN	60	No	---	---	---	---	---
	STORDEN	40	No	---	---	---	---	---
386: CORDOVA CLAY LOAM, 0 TO 2 PERCENT SLOPES	CORDOVA	90	Yes	ground moraine	2B3	Yes	No	No
	OTHER	10	No	---	---	---	---	---
388: KOSSUTH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	KOSSUTH	95	Yes	ground moraine	2B3	Yes	No	No
	Other	5	Yes	pothole	3,2B3	Yes	No	Yes
485: SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	SPILLVILLE	95	No	---	---	---	---	---
	Other	5	Yes	flood plain	2B3	Yes	No	No
506: WACOUSTA SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	WACOUSTA	100	Yes	pothole	3,2B3	Yes	No	Yes
507: CANISTEO CLAY LOAM, 0 TO 2 PERCENT SLOPES	CANISTEO	95	Yes	ground moraine	2B3	Yes	No	No
	Other	5	Yes	pothole	3,2B3	Yes	No	Yes
536: HANLON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	HANLON	90	No	---	---	---	---	---
	Other	10	Yes	flood plain	2B3	Yes	No	No
559: TALCOT CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	TALCOT	100	Yes	outwash terrace	2B3	Yes	No	No
638C2: CLARION-STORDEN LOAMS, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARION	50	No	---	---	---	---	---
	STORDEN	40	No	---	---	---	---	---
	OTHER	10	No	---	---	---	---	---

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
638D2: CLARION-STORDEN LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODE	CLARION	50	No	---	---	---	---	---
	STORDEN	40	No	---	---	---	---	---
	OTHER	10	No	---	---	---	---	---
828B: ZENOR SANDY LOAM, 2 TO 5 PERCENT SLOPES	ZENOR	85	No	---	---	---	---	---
	STORDEN	15	No	---	---	---	---	---
828C2: ZENOR SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ZENOR	85	No	---	---	---	---	---
	STORDEN	15	No	---	---	---	---	---
956: HARPS-OKOBOJI COMPLEX, 0 TO 2 PERCENT SLOPES	HARPS	60	Yes	ground moraine	2B3	Yes	No	No
	OKOBOJI	40	Yes	pothole	3,2B3	Yes	No	Yes
1178: WAUKEE VARIANT LOAM, 0 TO 2 PERCENT SLOPES	WAUKEE VARIANT	100	No	---	---	---	---	---
1314: HANLON-SPILLVILLE COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	HANLON	60	No	---	---	---	---	---
	SPILLVILLE	30	No	---	---	---	---	---
	Other	5	Yes	flood plain	4	No	Yes	No
	Other	5	Yes	oxbow	3,2B3,4	Yes	Yes	Yes
1585: SPILLVILLE-COLAND COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	SPILLVILLE	60	No	---	---	---	---	---
	COLAND	30	Yes	flood plain	2B3	Yes	No	No
	Other	5	Yes	oxbow	4,2B3,3	Yes	Yes	Yes
	Other	5	Yes	flood plain	4	No	Yes	No
4000: URBAN LAND	URBAN LAND	100	Unranked	---	---	---	---	---
5010: PITS, GRAVEL	PITS	100	Unranked	---	---	---	---	---
5030: PITS, QUARRY	PITS	100	Unranked	---	---	---	---	---

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
5040: ORTHENTS, LOAMY	ORTHENTS	100	Unranked	---	---	---	---	---
5050: ORTHENTS, SANDY	ORTHENTS	100	Unranked	---	---	---	---	---
5060: PITS, CLAY	PITS	100	Unranked	---	---	---	---	---
W: WATER	WATER	100	Unranked	---	---	---	---	---