

Osceola 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
4: KNOKE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	Knoke	100	Yes	pothole	3,2B3	Yes	No	Yes
6: OKOBOJI SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	Okoboji	98	Yes	pothole	3,2B3	Yes	No	Yes
	Harps	2	Yes	ground moraine	2B3	Yes	No	No
27B: TERRIL LOAM, 2 TO 5 PERCENT SLOPES	Terril	100	No	---	---	---	---	---
28B: DICKMAN SANDY LOAM, 2 TO 5 PERCENT SLOPES	Dickman	100	No	---	---	---	---	---
28B2: DICKMAN SANDY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	Dickman	100	No	---	---	---	---	---
31: AFTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Afton	100	Yes	drainageway	2B3	Yes	No	No
32: SPICER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Spicer	100	Yes	ground moraine	2B3	Yes	No	No
48: KNOKE MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	Knoke	100	Yes	pothole	2B3,3	Yes	No	Yes
55: NICOLLET CLAY LOAM, 1 TO 3 PERCENT SLOPES	Nicollet	90	No	---	---	---	---	---
	Webster	4	Yes	ground moraine	2B3	Yes	No	No
	CLARION	3	No	---	---	---	---	---
	Rolfe	3	Yes	ground moraine	3,2B3	Yes	No	Yes
62C2: STORDEN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Storden	90	No	---	---	---	---	---
	CLARION	5	No	---	---	---	---	---
62D2: STORDEN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SANDY OR GRAVELLY	5	No	---	---	---	---	---
	Storden	90	No	---	---	---	---	---
	CLARION	5	No	---	---	---	---	---

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62E2: STORDEN LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	SANDY OR GRAVELLY	5	No	---	---	---	---	---
	Storden	90	No	---	---	---	---	---
	CLARION	5	No	---	---	---	---	---
	SANDY OR GRAVELLY	5	No	---	---	---	---	---
62G: STORDEN LOAM, 18 TO 40 PERCENT SLOPES	Storden	95	No	---	---	---	---	---
	OTHER	3	No	---	---	---	---	---
	SANDY OR GRAVELLY	2	No	---	---	---	---	---
77: SAC SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Sac	95	No	---	---	---	---	---
	RANSOM	5	No	---	---	---	---	---
77B: SAC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Sac	98	No	---	---	---	---	---
	RANSOM	2	No	---	---	---	---	---
77B2: SAC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	Sac	100	No	---	---	---	---	---
77C2: SAC SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Sac	95	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
90: OKOBOJI MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	Okoboji	98	Yes	pothole	2B3,3	Yes	No	Yes
	Harps	2	Yes	ground moraine	2B3	Yes	No	No
91: PRIMGHAR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Primghar	90	No	---	---	---	---	---
	Galva	5	No	ridge	---	---	---	---
	Marcus	5	Yes	depression	2B3	Yes	No	No

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91B: PRIMGHAR SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES	Primghar	90	No	---	---	---	---	---
	Marcus	10	Yes	depression	2B3	Yes	No	No
92: MARCUS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Marcus	95	Yes	ridge	2B3	Yes	No	No
	PRIMGHAR	5	No	---	---	---	---	---
95: HARPS CLAY LOAM, 0 TO 2 PERCENT SLOPES	Harps	95	Yes	ground moraine	2B3	Yes	No	No
	Knoke	3	Yes	pothole	2B3,3	Yes	No	Yes
	Okoboji	2	Yes	pothole	2B3,3	Yes	No	Yes
107: WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Webster	90	Yes	ground moraine	2B3	Yes	No	No
	Okoboji	4	Yes	pothole	2B3,3	Yes	No	Yes
	NICOLLET	3	No	---	---	---	---	---
	Revere	3	Yes	ground moraine	2B3	Yes	No	No
108: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Wadena	95	No	---	---	---	---	---
	CYLINDER	5	No	---	---	---	---	---
108B: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	Wadena	100	No	---	---	---	---	---
108B2: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	Wadena	100	No	---	---	---	---	---
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	Coland	100	Yes	flood plain	2B3	Yes	No	No
138B: CLARION CLAY LOAM, 2 TO 5 PERCENT SLOPES	Clarion	85	No	---	---	---	---	---
	NICOLLET	5	No	---	---	---	---	---

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138B2: CLARION CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	SANDY OR GRAVELLY	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
	Clarion	85	No	---	---	---	---	---
	NICOLLET	5	No	---	---	---	---	---
	SANDY OR GRAVELLY	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
138C: CLARION CLAY LOAM, 5 TO 9 PERCENT SLOPES	Clarion	90	No	---	---	---	---	---
	SANDY OR GRAVELLY	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
138C2: CLARION CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clarion	90	No	---	---	---	---	---
	SANDY OR GRAVELLY	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
138D2: CLARION CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Clarion	95	No	---	---	---	---	---
	STORDEN	3	No	---	---	---	---	---
	SANDY OR GRAVELLY	2	No	---	---	---	---	---
201B: COLAND-TERRIL COMPLEX, 2 TO 5 PERCENT SLOPES	Coland	60	Yes	flood plain	2B3	Yes	No	No
	Terril	40	No	---	---	---	---	---
202: CYLINDER CLAY LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Biscay	95	Yes	terrace	2B3	Yes	No	No
	Other	5	No	---	---	---	---	---
	BISCAY	3	No	---	---	---	---	---

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203: CYLINDER CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	2	No	---	---	---	---	---
	Biscay	95	Yes	terrace	2B3	Yes	No	No
	Other	5	No	---	---	---	---	---
	BISCAY	3	No	---	---	---	---	---
259: BISCAY SILTY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	2	No	---	---	---	---	---
	Biscay	95	Yes	terrace	2B3	Yes	No	No
	CYLINDER	5	No	---	---	---	---	---
272: KANARANZI VARIANT LOAM, 0 TO 2 PERCENT SLOPES	Kanaranzi variant	100	No	---	---	---	---	---
272B: KANARANZI VARIANT LOAM, 2 TO 5 PERCENT SLOPES	Kanaranzi variant	100	No	---	---	---	---	---
272C2: KANARANZI VARIANT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODE	Kanaranzi variant	100	No	---	---	---	---	---
274: ROLFE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	Rolfe	100	Yes	pothole	2B3,3	Yes	No	Yes
282: RANSOM SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	Ransom	90	No	---	---	---	---	---
	Marcus	5	Yes	drainageway	2B3	Yes	No	No
	SAC	5	No	---	---	---	---	---
308: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Wadena	95	No	---	---	---	---	---
	CYLINDER	5	No	---	---	---	---	---

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308B: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	Wadena	100	No	---	---	---	---	---
309: ALLENDORF SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Allendorf	100	No	---	---	---	---	---
309B: ALLENDORF SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Allendorf	90	No	---	---	---	---	---
	SANDY & GRAVELLY	10	No	---	---	---	---	---
310: GALVA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Galva	95	No	---	---	---	---	---
	PRIMGHAR	5	No	---	---	---	---	---
310B: GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Galva	95	No	---	---	---	---	---
	PRIMGHAR	5	No	---	---	---	---	---
311: GALVA SILTY CLAY LOAM, GRAVELLY SUBSTRATUM, 0 TO 2 PERCENT SLOPES	Galva	100	No	---	---	---	---	---
311B: GALVA SILTY CLAY LOAM, GRAVELLY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	Galva	99	No	---	---	---	---	---
	STRAT SAND & GRAVEL	1	No	---	---	---	---	---
354: AQUOLLS, PONDED	Aquolls	100	Yes	depression	2B3,3	Yes	No	Yes
384: COLLINWOOD SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	Collinwood	90	No	---	---	---	---	---
	KAMRAR	5	No	---	---	---	---	---
	Waldorf	5	Yes	ground moraine	2B3	Yes	No	No
387B: KAMRAR SILTY CLAY LOAM, 1 TO 5 PERCENT SLOPES	Kamrar	90	No	---	---	---	---	---
	COLLINWOOD	5	No	---	---	---	---	---

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390: WALDORF SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	Waldorf	95	Yes	ground moraine	2B3	Yes	No	No
	COLLINWOOD	5	No	---	---	---	---	---
396: LETRI SILTY CLAY LOAM, CALCAREOUS, 0 TO 2 PERCENT SLOPES	Letri	90	Yes	ground moraine	2B3	Yes	No	No
	Revere	5	Yes	ground moraine	2B3	Yes	No	No
	WILMONTON	5	No	---	---	---	---	---
397: LETRI SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Letri	95	Yes	ground moraine	2B3	Yes	No	No
	WILMONTON	5	No	---	---	---	---	---
433D2: STORDEN CLAY LOAM, 7 TO 14 PERCENT SLOPES, MODERATELY ERODED	Storden	95	No	---	---	---	---	---
	EVERLY	5	No	---	---	---	---	---
433E2: STORDEN CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Storden	90	No	---	---	---	---	---
	EVERLY	10	No	---	---	---	---	---
433G: STORDEN CLAY LOAM, 18 TO 40 PERCENT SLOPES	Storden	100	No	---	---	---	---	---
456: WILMONTON SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	Wilmonton	90	No	---	---	---	---	---
	EVERLY	5	No	---	---	---	---	---
	Letri	5	Yes	drainageway	2B3	Yes	No	No
507: CANISTEO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Canisteo	90	Yes	ground moraine	2B3	Yes	No	No
	Okoboji	4	Yes	pothole	2B3,3	Yes	No	Yes
	CRIPPIN	3	No	---	---	---	---	---
	Revere	3	Yes	ground moraine	2B3	Yes	No	No

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559: TALCOT SILTY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 T 2 PERCENT SLOPES	Talcot	95	Yes	terrace	2B3	Yes	No	No
	CYLINDER	5	No	---	---	---	---	---
577: EVERLY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Everly	95	No	---	---	---	---	---
	WILMONTON	5	No	---	---	---	---	---
577B: EVERLY CLAY LOAM, 2 TO 5 PERCENT SLOPES	Everly	90	No	---	---	---	---	---
	GRAVELLY SOILS	5	No	---	---	---	---	---
	WILMONTON	5	No	---	---	---	---	---
577B2: EVERLY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	Everly	90	No	---	---	---	---	---
	GRAVELLY SOILS	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
577C: EVERLY CLAY LOAM, 5 TO 9 PERCENT SLOPES	Everly	90	No	---	---	---	---	---
	GRAVELLY SOILS	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
577C2: EVERLY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Everly	90	No	---	---	---	---	---
	GRAVELLY SOILS	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---
577D2: EVERLY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Everly	90	No	---	---	---	---	---
	GRAVELLY SOILS	5	No	---	---	---	---	---
	STORDEN	5	No	---	---	---	---	---

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638C2: CLARION-STORDEN COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clarion	70	No	---	---	---	---	---
	STORDEN	25	No	---	---	---	---	---
	SANDY OR GRAVELLY	5	No	---	---	---	---	---
638D2: CLARION-STORDEN COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Clarion	60	No	---	---	---	---	---
	Storden	35	No	---	---	---	---	---
	SAND & GRAVEL	5	No	---	---	---	---	---
638E2: CLARION-STORDEN COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Clarion	55	No	---	---	---	---	---
	Storden	40	No	---	---	---	---	---
	OTHER	5	No	---	---	---	---	---
655: CRIPPIN LOAM, 1 TO 3 PERCENT SLOPES	Crippin	90	No	---	---	---	---	---
	Canisteo	5	Yes	drainageway	2B3	Yes	No	No
	STORDEN	5	No	---	---	---	---	---
735: HAVELOCK CLAY LOAM, 0 TO 2 PERCENT SLOPES	Havelock	100	Yes	flood plain	2B3	Yes	No	No
744: REVERE LOAM, 0 TO 2 PERCENT SLOPES	Revere	100	Yes	ground moraine	2B3	Yes	No	No
878B: OCHEYEDAN LOAM, 2 TO 5 PERCENT SLOPES	Ocheyedan	95	No	---	---	---	---	---
	FOSTORIA	5	No	---	---	---	---	---
879: FOSTORIA CLAY LOAM, 0 TO 2 PERCENT SLOPES	Fostoria	90	No	---	---	---	---	---
	OCHEYDAN	5	No	---	---	---	---	---
	Other	5	Yes	drainageway	2B3	Yes	No	No

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2573: HOOPESTON VARIANT LOAM, 0 TO 2 PERCENT SLOPES	Hoopeston variant	90	No	---	---	---	---	---
	DICKMAN	5	No	---	---	---	---	---
	Other	5	Yes	drainageway	2B3	Yes	No	No
5010: PITS, SAND AND GRAVEL	Pits, sand and grave	100	Unranked	---	---	---	---	---
5040: ORTHENTS, LOAMY	Orthents	100	Unranked	---	---	---	---	---