

Humboldt 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, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Okoboji	83	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Knoke	7	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Harps	5	Yes	depression, ground moraine, rim	2B3	Yes	No	No
	Okoboji, mucky silty clay loam	5	Yes	depression, ground moraine	3,2B3	Yes	No	Yes
27B: TERRIL LOAM, 2 TO 5 PERCENT SLOPES	Terril	85	No	alluvial fan, drainageway	---	---	---	---
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Zook	80	Yes	flood plain	2B3	Yes	No	No
	Coland	10	Yes	flood plain	2B3	Yes	No	No
55: NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	Nicollet	75	No	ground moraine, rise	---	---	---	---
	Rolfe	5	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Webster	5	Yes	flat, ground moraine, swale	2B3	Yes	No	No
62F: STORDEN LOAM, 18 TO 25 PERCENT SLOPES	Storden	78	No	ground moraine	---	---	---	---
90: OKOBOJI MUCKY SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Okoboji, mucky silty clay loam	83	Yes	depression, ground moraine	3,2B3	Yes	No	Yes
	Harps	7	Yes	depression, ground moraine, rim	2B3	Yes	No	No
	Knoke	5	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Okoboji, Silty clay loam	5	Yes	depression, ground moraine	3,2B3	Yes	No	Yes
95: HARPS CLAY LOAM, 0 TO 2 PERCENT SLOPES	Harps	83	Yes	depression, ground moraine, rim	2B3	Yes	No	No

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107: WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Canisteo	7	Yes	flat, ground moraine	2B3	Yes	No	No
	Okoboji	5	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Webster	80	Yes	flat, ground moraine, swale	2B3	Yes	No	No
	Canisteo	10	Yes	flat, ground moraine	2B3	Yes	No	No
	Okoboji	3	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Coland	83	Yes	flood plain	2B3	Yes	No	No
138B: CLARION LOAM, 2 TO 5 PERCENT SLOPES	Clarion	80	No	ground moraine	---	---	---	---
138C2: CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clarion, Moderately eroded	78	No	ground moraine	---	---	---	---
175: DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	Dickinson	85	No	stream terrace	---	---	---	---
175B: DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	Dickinson	75	No	stream terrace	---	---	---	---
175C: DICKINSON FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	Dickinson	83	No	dune, ground moraine	---	---	---	---
188: KENSETT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Kensett	90	No	ground moraine	---	---	---	---
201B: COLAND-TERRIL COMPLEX, 2 TO 5 PERCENT SLOPES	Coland	55	Yes	drainageway	2B3	Yes	No	No
	Terril	35	No	alluvial fan, drainageway	---	---	---	---

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203: CYLINDER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Cylinder, 32 to 40 inches to sand and gravel	75	No	outwash plain, stream terrace	---	---	---	---
	Biscay, 32-40 inches to sand and gravel	10	Yes	stream terrace	2B3	Yes	No	No
221: KLOSSNER MUCK, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Klossner	88	Yes	depression, ground moraine	1,3	No	No	Yes
	Harps	7	Yes	depression, ground moraine, rim	2B3	Yes	No	No
	Okoboji	5	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
236B: LESTER LOAM, 2 TO 5 PERCENT SLOPES	Lester	83	No	ground moraine	---	---	---	---
236C: LESTER LOAM, 5 TO 9 PERCENT SLOPES	Lester	81	No	ground moraine	---	---	---	---
236C2: LESTER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Lester	76	No	ground moraine	---	---	---	---
236D2: LESTER LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Lester	83	No	ground moraine	---	---	---	---
236E: LESTER LOAM, 14 TO 18 PERCENT SLOPES	Lester	86	No	ground moraine	---	---	---	---
236F: LESTER LOAM, 18 TO 25 PERCENT SLOPES	Lester	80	No	ground moraine	---	---	---	---
253B: FARRAR FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	Farrar	85	No	dune, ground moraine	---	---	---	---
253C: FARRAR FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	Farrar	85	No	dune, ground moraine	---	---	---	---
256G: LESTER-STORDEN COMPLEX, 25 TO 40 PERCENT SLOPES	Lester	50	No	ground moraine	---	---	---	---

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259: BISCAY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Storden	38	No	ground moraine	---	---	---	---
	Biscay	70	Yes	stream terrace	2B3	Yes	No	No
	Biscay, DEPTH 24-32	15	Yes	stream terrace	2B3	Yes	No	No
	Biscay, DEPRESSIONAL	5	Yes	depression, stream terrace	2B3,3	Yes	No	Yes
274: ROLFE SILT LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Rolfe	85	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Webster	10	Yes	flat, ground moraine, swale	2B3	Yes	No	No
	Okoboji	5	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
308: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Wadena, 32 to 40 inches to sand and gravel	75	No	stream terrace	---	---	---	---
308B: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	Wadena, 32 to 40 inches to sand and gravel	85	No	stream terrace	---	---	---	---
330: KINGSTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	Kingston	80	No	stream terrace	---	---	---	---
	Biscay	10	Yes	stream terrace	2B3	Yes	No	No
338: GARMORE LOAM, 0 TO 2 PERCENT SLOPES	Garmore	78	No	flat, ground moraine	---	---	---	---
	Rolfe	7	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Webster	5	Yes	flat, ground moraine, swale	2B3	Yes	No	No
339: TRUMAN SILT LOAM, 0 TO 2 PERCENT SLOPES	Truman	90	No	stream terrace	---	---	---	---
339B: TRUMAN SILT LOAM, 2 TO 5 PERCENT SLOPES	Truman	90	No	stream terrace	---	---	---	---

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344B: COPASTON FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	Copaston	80	No	structural bench	---	---	---	---
354: AQUOLLS (MARSH), PONDED, 0 TO 1 PERCENT SLOPES	Aquolls, (marsh), ponded	80	Yes	depression	2B3,3	Yes	No	Yes
	Harps	10	Yes	depression, ground moraine, rim	2B3	Yes	No	No
	Klossner	5	Yes	depression, ground moraine	1,3	No	No	Yes
	Okoboji	5	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
485: SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Spillville	80	No	flood plain	---	---	---	---
	Coland	10	Yes	flood plain	2B3	Yes	No	No
506: WACOUSTA SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Wacousta	83	Yes	depression, ground moraine	3,2B3	Yes	No	Yes
	Calcousta	7	Yes	depression, ground moraine	3,2B3	Yes	No	Yes
	Harps	5	Yes	depression, ground moraine, rim	2B3	Yes	No	No
	Klossner	5	Yes	depression, ground moraine	1,3	No	No	Yes
	Canisteo	75	Yes	flat, ground moraine	2B3	Yes	No	No
507: CANISTEO CLAY LOAM, 0 TO 2 PERCENT SLOPES	Webster	10	Yes	flat, ground moraine, swale	2B3	Yes	No	No
	Harps	5	Yes	depression, ground moraine, rim	2B3	Yes	No	No
	Okoboji	5	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Calcousta	83	Yes	depression, ground moraine	3,2B3	Yes	No	Yes
508: CALCOUSTA SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Wacousta	7	Yes	depression, ground moraine	2B3,3	Yes	No	Yes

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526: WACOUSTA MUCKY SILTY CLAY LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	Harps	5	Yes	depression, ground moraine, rim	2B3	Yes	No	No
	Klossner	5	Yes	depression, ground moraine	1,3	No	No	Yes
	Wacousta	83	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Klossner	10	Yes	depression, ground moraine	3,1	No	No	Yes
	Harps	7	Yes	depression, ground moraine, rim	2B3	Yes	No	No
536: HANLON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	Hanlon	85	No	flood plain	---	---	---	---
	Havelock	10	Yes	flood plain	2B3	Yes	No	No
638C2: CLARION-STORDEN COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Clarion, Moderately eroded	50	No	ground moraine	---	---	---	---
	Storden, Moderately eroded	35	No	ground moraine	---	---	---	---
659: MAYER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	Mayer	80	Yes	stream terrace	2B3	Yes	No	No
	Biscay	10	Yes	stream terrace	2B3	Yes	No	No
	Biscay, depressional	5	Yes	depression, stream terrace	3,2B3	Yes	No	Yes
823: RIDGEPORT SANDY LOAM, 0 TO 2 PERCENT SLOPES	Ridgeport	75	No	stream terrace	---	---	---	---
823B: RIDGEPORT SANDY LOAM, 2 TO 5 PERCENT SLOPES	Ridgeport	86	No	stream terrace	---	---	---	---
823C2: RIDGEPORT SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Ridgeport, moderately eroded	85	No	stream terrace	---	---	---	---

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828B: ZENOR SANDY LOAM, 2 TO 5 PERCENT SLOPES	Zenor	88	No	ground moraine	---	---	---	---
828C2: ZENOR SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	Zenor, Moderately eroded	79	No	ground moraine	---	---	---	---
829D2: ZENOR-STORDEN COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Zenor, Moderately eroded	45	No	ground moraine	---	---	---	---
	Storden, Moderately eroded	35	No	ground moraine	---	---	---	---
835D2: STORDEN-OMSRUD COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	Storden, Moderately eroded	50	No	ground moraine	---	---	---	---
	Omsrud, Moderately eroded	35	No	ground moraine	---	---	---	---
835E2: STORDEN-OMSRUD COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Storden, moderately eroded	50	No	ground moraine	---	---	---	---
	Omsrud, moderately eroded	35	No	ground moraine	---	---	---	---
956: HARPS-OKOBOJI, DEPRESSIONAL, COMPLEX, 0 TO 2 PERCENT SLOPES	Harps	45	Yes	depression, ground moraine, rim	2B3	Yes	No	No
	Okoboji	35	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
	Knoke	10	Yes	depression, ground moraine	2B3,3	Yes	No	Yes
1585: SPILLVILLE-COLAND COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	Spillville	45	No	flood plain	---	---	---	---
	Coland	35	Yes	flood plain	2B3	Yes	No	No
4000: URBAN LAND	Urban land	100	---	---	---	---	---	---

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5010: PITS, GRAVEL	Pits, gravel	100	Unranked	---	---	---	---	---
5030: PITS, LIMESTONE QUARRIES	Pits, quarries	100	Unranked	---	---	---	---	---
5040: UDORTHENTS, LOAMY (CUT AND FILL LAND)	Udorthents	100	Unranked	---	---	---	---	---
5080: UDORTHENTS, SANITARY LANDFILL	Udorthents	100	Unranked	---	---	---	---	---
AW: ANIMAL WASTE	Animal waste lagoon	100	---	---	---	---	---	---
SL: SEWAGE LAGOON	Sewage lagoon	100	---	---	---	---	---	---
W: WATER	Water	100	Unranked	---	---	---	---	---