

HYDRIC SOILS LIST

Keokuk 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
8B: JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	JUDSON	95	No	alluvial fan	---	---	---	---
	ELY	5	No	alluvial fan	---	---	---	---
8C: JUDSON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	JUDSON	95	No	alluvial fan	---	---	---	---
	ELY	5	No	alluvial fan	---	---	---	---
13B: OLMITZ-VESSER-ZOOK COMPLEX, 0 TO 5 PERCENT SLOPES	OLMITZ	30	No	alluvial fan	---	---	---	---
	VESSER	28	No	drainageway	---	---	---	---
	ZOOK	27	Yes	drainageway	2B3	Yes	No	No
	NODAWAY	15	No	drainageway	---	---	---	---
24D2: SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	95	No	hill	---	---	---	---
	ADAIR	5	No	hill	---	---	---	---
24E2: SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	SHELBY	90	No	hill	---	---	---	---
	ADAIR	7	No	hill	---	---	---	---
	SERVERLY ERODED SOIL AREAS	3	No	hill	---	---	---	---
51: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	VESSER	90	Yes	flood plain	2B3	Yes	No	No
	COPPOCK	10	Yes	flood plain	2B3	Yes	No	No
51B: VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES, RARELY FLOODED	VESSER	95	No	alluvial fan	---	---	---	---
	COPPOCK	5	No	alluvial fan	---	---	---	---

Keokuk 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
54: ZOOK SILTY CLAY, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	ZOOK	90	Yes	flood plain	2B3	Yes	No	No
	Clay surface layer	7	Yes	flood plain	2B3	Yes	No	No
	CHEQUEST	3	Yes	flood plain	2B3	Yes	No	No
54+: ZOOK SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED, OVERWASH	ZOOK	90	Yes	flood plain	2B3	Yes	No	No
	ACKMORE	10	No	flood plain	---	---	---	---
56B: CANTRIL LOAM, 2 TO 5 PERCENT SLOPES	CANTRIL	90	No	alluvial fan	---	---	---	---
	OLMITZ	10	No	alluvial fan	---	---	---	---
56C: CANTRIL LOAM, 5 TO 9 PERCENT SLOPES	CANTRIL	90	No	alluvial fan	---	---	---	---
	OLMITZ	10	No	alluvial fan	---	---	---	---
65D2: LINDLEY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	95	No	hill	---	---	---	---
	KESWICK	5	No	hill	---	---	---	---
65E: LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	LINDLEY	95	No	hill	---	---	---	---
	KESWICK	5	No	hill	---	---	---	---
65E2: LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	90	No	hill	---	---	---	---
	KESWICK	10	No	hill	---	---	---	---
65F: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	LINDLEY	90	No	hill	---	---	---	---
	KESWICK	5	No	hill	---	---	---	---
	SEVERERLY ERODED AREAS	5	No	hill	---	---	---	---
65F2: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES,	LINDLEY	90	No	hill	---	---	---	---

Keokuk 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
	KESWICK	5	No	hill	---	---	---	---
	SEVERLY ERODED AREAS	5	No	hill	---	---	---	---
65G: LINDLEY LOAM, 25 TO 40 PERCENT SLOPES	LINDLEY	95	No	hill	---	---	---	---
	SEVERELY ERODED AREAS	5	No	hill	---	---	---	---
74: RUBIO SILT LOAM, 0 TO 2 PERCENT SLOPES	RUBIO	95	Yes	flat	2B3	Yes	No	No
	GIVIN	5	No	flat	---	---	---	---
75: GIVIN SILT LOAM, 0 TO 2 PERCENT SLOPES	GIVIN	95	No	flat	---	---	---	---
	RUBIO	5	Yes	flat	2B3	Yes	No	No
75B: GIVIN SILT LOAM, 2 TO 5 PERCENT SLOPES	GIVIN	95	No	ridge	---	---	---	---
	LADOGA	5	No	ridge	---	---	---	---
76B: LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	LADOGA	95	No	ridge	---	---	---	---
	GIVIN	5	No	flat	---	---	---	---
76B2: LADOGA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	LADOGA	90	No	ridge	---	---	---	---
	HEDRICK	10	No	ridge	---	---	---	---
76C: LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES	LADOGA	95	No	hill	---	---	---	---
	HEDRICK	5	No	hill	---	---	---	---
76C2: LADOGA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LADOGA	90	No	hill	---	---	---	---
	HEDRICK	10	No	hill	---	---	---	---

Keokuk 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
76D2: LADOGA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LADOGA	90	No	hill	---	---	---	---
	ARMSTRONG	5	No	hill	---	---	---	---
	BUCKNELL	5	No	hill	---	---	---	---
80B: CLINTON SILT LOAM, 2 TO 5 PERCENT SLOPES	CLINTON	95	No	ridge	---	---	---	---
	KEOMAH	5	No	flat	---	---	---	---
80C: CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES	CLINTON	95	No	hill	---	---	---	---
	INTON	5	No	hill	---	---	---	---
80C2: CLINTON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLINTON	90	No	hill	---	---	---	---
	INTON	10	No	hill	---	---	---	---
80D: CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES	CLINTON	90	No	hill	---	---	---	---
	KESWICK	10	No	hill	---	---	---	---
80D2: CLINTON SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLINTON	90	No	hill	---	---	---	---
	ASHGROVE	5	Yes	hill	2B3	Yes	No	No
	KESWICK	5	No	hill	---	---	---	---
87B: COLO-ZOOK COMPLEX, 0 TO 3 PERCENT SLOPES	COLO	68	Yes	drainageway	2B3	Yes	No	No
	ZOOK	32	Yes	drainageway	2B3	Yes	No	No
93D2: SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	60	No	hill	---	---	---	---
	ADAIR	40	No	hill	---	---	---	---
122: SPERRY SILT LOAM, 0 TO	SPERRY	95	Yes	depression,	2B3,3	Yes	No	Yes

Keokuk 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
	TAINTOR	5	Yes	flat	2B3	Yes	No	No
133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	COLO	95	Yes	flood plain	2B3	Yes	No	No
	ZOOK	5	Yes	flood plain	2B3	Yes	No	No
133+: COLO SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED, OVERWASH	COLO	90	Yes	flood plain	2B3	Yes	No	No
	ACKMORE	10	No	flood plain	---	---	---	---
133B: COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, RARELY FLOODED	COLO	90	Yes	drainageway	2B3	Yes	No	No
	Silt loam overwash	10	Yes	flood plain	2B3	Yes	No	No
163E: FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES	FAYETTE	90	No	hill	---	---	---	---
	AREAS WITH DARKER SURFACE	5	No	hill	---	---	---	---
	GLACIAL TILL SUBSTRATUM	5	No	hill	---	---	---	---
163E2: FAYETTE SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	FAYETTE	90	No	hill	---	---	---	---
	GLACIAL TILL SUBSTRATUM	10	No	hill	---	---	---	---
163F: FAYETTE SILT LOAM, 18 TO 25 PERCENT SLOPES	FAYETTE	90	No	---	---	---	---	---
	ERODED AREAS	5	No	hill	---	---	---	---
	GLACIAL TILL SUBSTRATUM	5	No	hill	---	---	---	---
179D2: GARA CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	90	No	hill	---	---	---	---

Keokuk 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
	SEVERELY ERODED AREAS	5	No	hill	---	---	---	---
179E: GARA LOAM, 14 TO 18 PERCENT SLOPES	GARA	95	No	hill	---	---	---	---
	ARMSTRONG	5	No	hill	---	---	---	---
179E2: GARA CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GARA	90	No	hill	---	---	---	---
	ARMSTRONG	5	No	hill	---	---	---	---
	SEVERELY ERODED AREAS	5	No	hill	---	---	---	---
179F2: GARA CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	GARA	95	No	hill	---	---	---	---
	SEVERELY ERODED AREAS	5	No	hill	---	---	---	---
180: KEOMAH SILT LOAM, 0 TO 2 PERCENT SLOPES	KEOMAH	95	No	flat	---	---	---	---
	AREAS WITH MORE SLOPE	5	No	ridge	---	---	---	---
220: NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	NODAWAY	90	No	flood plain	---	---	---	---
	Other	5	Yes	oxbow	4,2B3,3	Yes	Yes	Yes
	UNSTRATIFIED SOIL AREAS	5	Yes	flood plain	2B3	Yes	No	No
222C: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	CLARINDA	90	Yes	hill	2B3	Yes	No	No
	COLO OVERWASH SOILS	5	Yes	drainageway	2B3	Yes	No	No
	NIRA	5	No	hill	---	---	---	---
222C2: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARINDA	90	Yes	hill	2B3	Yes	No	No
	COLO OVERWASH	5	Yes	drainageway	2B3	Yes	No	No

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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
	NIRA	5	No	hill	---	---	---	---
223C2: RINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	RINDA	90	Yes	hill	2B3	Yes	No	No
	COLO OVERWASH SOILS	5	Yes	drainageway	2B3	Yes	No	No
	HEDRICK	5	No	hill	---	---	---	---
273C: OLMITZ LOAM, 5 TO 9 PERCENT SLOPES	OLMITZ	95	No	alluvial fan	---	---	---	---
	AREAS WITH LESS SLOPE	5	No	alluvial fan	---	---	---	---
279: TAINTOR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	TAINTOR	95	Yes	flat	2B3	Yes	No	No
	MAHASKA	3	No	flat	---	---	---	---
	SPERRY	2	Yes	depression, flat	2B3,3	Yes	No	Yes
280: MAHASKA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MAHASKA	95	No	flat	---	---	---	---
	TAINTOR	5	Yes	flat	2B3	Yes	No	No
280B: MAHASKA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	MAHASKA	90	No	ridge	---	---	---	---
	NIRA	5	No	ridge	---	---	---	---
	OTLEY	5	No	ridge	---	---	---	---
281B: OTLEY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	OTLEY	90	No	ridge	---	---	---	---
	MAHASKA	5	No	ridge	---	---	---	---
	NIRA	5	No	ridge	---	---	---	---
281B2: OTLEY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	OTLEY	90	No	ridge	---	---	---	---
	NIRA	10	No	ridge	---	---	---	---

Keokuk 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
281C: OTLEY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	OTLEY	95	No	hill	---	---	---	---
	NIRA	5	No	hill	---	---	---	---
281C2: OTLEY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	OTLEY	90	No	hill	---	---	---	---
	NIRA	10	No	hill	---	---	---	---
281D2: OTLEY SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	OTLEY	90	No	hill	---	---	---	---
	ADAIR	5	No	hill	---	---	---	---
	LAMONI	5	No	hill	---	---	---	---
293C: CHELSEA-FAYETTE COMPLEX, 5 TO 9 PERCENT SLOPES	CHELSEA	57	No	hill	---	---	---	---
	FAYETTE	38	No	hill	---	---	---	---
	AREAS WITH SANDY LOAM SURFACE	5	No	hill	---	---	---	---
293D: CHELSEA-FAYETTE COMPLEX, 9 TO 14 PERCENT SLOPES	CHELSEA	57	No	hill	---	---	---	---
	FAYETTE	38	No	hill	---	---	---	---
	AREAS WITH SANDY LOAM SURFACE	5	No	hill	---	---	---	---
293E: CHELSEA-FAYETTE COMPLEX, 14 TO 18 PERCENT SLOPES	CHELSEA	57	No	hill	---	---	---	---
	FAYETTE	38	No	hill	---	---	---	---
	AREAS WITH SANDY LOAM SURFACE	5	No	hill	---	---	---	---
293F: CHELSEA-FAYETTE COMPLEX, 18 TO 25 PERCENT SLOPES	CHELSEA	57	No	hill	---	---	---	---

Keokuk 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
	AREAS WITH SANDY LOAM SURFACE	5	No	hill	---	---	---	---
294C: BILLETT, LOAMY SUBSTRATUM-LADOGA, SANDY SUBSTRATUM COMPLEX, 5 TO 9 PERCENT SLOPES	BILLETT	65	No	hill	---	---	---	---
	LADOGA	35	No	hill	---	---	---	---
294D: BILLETT, LOAMY SUBSTRATUM-LADOGA, SANDY SUBSTRATUM COMPLEX, 9 TO 14 PERCENT SLOPES	BILLETT	65	No	hill	---	---	---	---
	LADOGA	35	No	hill	---	---	---	---
313F2: GOSPORT SILTY CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	GOSPORT	95	No	hill	---	---	---	---
	CLINTON	5	No	hill	---	---	---	---
319E: DUNBARTON SILT LOAM, 14 TO 18 PERCENT SLOPES	DUNBARTON	95	No	hill	---	---	---	---
	CLINTON	5	No	hill	---	---	---	---
422: AMANA SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	AMANA	90	No	flood plain	---	---	---	---
	NODAWAY	5	No	flood plain	---	---	---	---
	VESSER	3	Yes	flood plain	2B3	Yes	No	No
	Other	2	Yes	oxbow	3,2B3,4	Yes	Yes	Yes
423D2: BUCKNELL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	BUCKNELL	90	No	hill	---	---	---	---
	RINDA	5	No	hill	---	---	---	---
	SEVERELY ERODED SOIL AREAS	5	No	hill	---	---	---	---

Keokuk County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
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424D: LINDLEY-KESWICK COMPLEX, 9 TO 14 PERCENT SLOPES	LINDLEY	52	No	hill	---	---	---	---
	KESWICK	43	No	hill	---	---	---	---
	COLO OVERWASH SOILS	5	Yes	drainageway	2B3	Yes	No	No
424D2: LINDLEY-KESWICK COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	52	No	hill	---	---	---	---
	KESWICK	43	No	hill	---	---	---	---
	SEVERELY ERODED AREAS	5	No	hill	---	---	---	---
424E2:								
LINDLEY-KESWICK COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	48	No	hill	---	---	---	---
	KESWICK	42	No	hill	---	---	---	---
	COLO OVERWASH SOILS	5	Yes	drainageway	2B3	Yes	No	No
	SEVERELY ERODED SOIL AREAS	5	No	hill	---	---	---	---
425D: KESWICK LOAM, 9 TO 14 PERCENT SLOPES	KESWICK	90	No	hill	---	---	---	---
	LINDLEY	10	No	hill	---	---	---	---
425D2: KESWICK CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	KESWICK	90	No	hill	---	---	---	---
	LINDLEY	10	No	hill	---	---	---	---
428B: ELY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	ELY	95	No	alluvial fan	---	---	---	---
	COLO	5	Yes	alluvial fan	2B3	Yes	No	No
430: ACKMORE SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	ACKMORE	90	No	flood plain	---	---	---	---

	BURIED CLAY LAYERS	10	Yes	flood plain	2B3	Yes	No	No
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NATURAL RESOURCES CONSERVATION SERVICE

02/27/2004

Keokuk County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
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453: TUSKEEGO SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	TUSKEEGO	95	Yes	stream terrace	2B3	Yes	No	No
	CHEQUEST	5	Yes	flood plain	2B3	Yes	No	No
520: COPPOCK SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	COPPOCK	95	Yes	flood plain	2B3	Yes	No	No
	VESSER	5	Yes	flood plain	2B3	Yes	No	No
520B: COPPOCK SILT LOAM, 2 TO 5 PERCENT SLOPES, RARELY FLOODED	COPPOCK	95	No	alluvial fan	---	---	---	---
	VESSER	5	No	alluvial fan	---	---	---	---
570C: NIRA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	NIRA	95	No	hill	---	---	---	---
	CLARINDA	5	Yes	hill	2B3	Yes	No	No
570C2: NIRA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	NIRA	95	No	hill	---	---	---	---
	CLARINDA	3	Yes	hill	2B3	Yes	No	No
	COLO OVERWASH SOILS	2	Yes	drainageway	2B3	Yes	No	No
571C2: HEDRICK SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEDRICK	89	No	hill	---	---	---	---
	LADOGA	5	No	hill	---	---	---	---
	COLO OVERWASH SOILS	3	Yes	drainageway	2B3	Yes	No	No
	RINDA	3	Yes	hill	2B3	Yes	No	No
571D2: HEDRICK SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEDRICK	90	No	hill	---	---	---	---
	LADOGA	5	No	hill	---	---	---	---
	RINDA	5	Yes	hill	2B3	Yes	No	No

Keokuk 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
572C2: INTON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	INTON	90	No	hill	---	---	---	---
	ASHGROVE	5	Yes	hill	2B3	Yes	No	No
	CLINTON	5	No	hill	---	---	---	---
572D2: INTON SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	INTON	90	No	hill	---	---	---	---
	ASHGROVE	5	Yes	hill	2B3	Yes	No	No
	CLINTON	5	No	hill	---	---	---	---
587: CHEQUEST SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	CHEQUEST	90	Yes	flood plain	2B3	Yes	No	No
	ZOOK	10	Yes	flood plain	2B3	Yes	No	No
587+: CHEQUEST SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED, OVERWASH	CHEQUEST	90	Yes	flood plain	2B3	Yes	No	No
	ACKMORE	10	No	flood plain	---	---	---	---
687B: WATKINS SILT LOAM, 2 TO 5 PERCENT SLOPES	WATKINS	90	No	stream terrace	---	---	---	---
	BILLETT	10	No	stream terrace	---	---	---	---
688: KOSZTA SILT LOAM, 0 TO 2 PERCENT SLOPES	KOSZTA	90	No	stream terrace	---	---	---	---
	DARKER SURFACE LAYER	10	No	stream terrace	---	---	---	---
722: NODAWAY-ACKMORE-VESSEER COMPLEX, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	NODAWAY	36	No	flood plain	---	---	---	---
	ACKMORE	32	No	flood plain	---	---	---	---
	VESSEER	22	Yes	flood plain	2B3	Yes	No	No

UNSTRATIFIED  
SOIL AREAS

10

Yes

flood plain

2B3

Yes

No

No

NATURAL RESOURCES CONSERVATION SERVICE

02/27/2004

Keokuk 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
730B: NODAWAY OCCASIONALLY FLOODED-COPPOCK- CANTRIL RARELY FLOODED COMPLEX, 2 TO 5 PERCENT SLOPES	NODAWAY	46	No	drainageway	---	---	---	---
	COPPOCK	27	No	drainageway	---	---	---	---
	CANTRIL	17	No	drainageway	---	---	---	---
	COLO OVERWASH AREAS	5	Yes	drainageway	2B3	Yes	No	No
	VESSER	5	No	drainageway	---	---	---	---
779: KALONA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	KALONA	95	Yes	flat	2B3	Yes	No	No
	TAINTOR	5	Yes	flat	2B3	Yes	No	No
792C2: ARMSTRONG CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ARMSTRONG	90	No	hill	---	---	---	---
	LADOGA	10	No	hill	---	---	---	---
792D2: ARMSTRONG CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ARMSTRONG	95	No	hill	---	---	---	---
	GARA	5	No	hill	---	---	---	---
795C2: ASHGROVE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ASHGROVE	95	Yes	hill	2B3	Yes	No	No
	KESWICK	5	No	hill	---	---	---	---
795D2: ASHGROVE SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ASHGROVE	82	Yes	hill	2B3	Yes	No	No
	INTON	10	No	hill	---	---	---	---
	Severely eroded soil areas	5	Yes	hill	2B3	Yes	No	No
	KESWICK	3	No	hill	---	---	---	---

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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
822D2: LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LAMONI	90	No	hill	---	---	---	---
	CLARINDA	5	Yes	hill	2B3	Yes	No	No
	NIRA	5	No	hill	---	---	---	---
876B: LADOGA SILT LOAM, TERRACE, 2 TO 5 PERCENT SLOPES	LADOGA	90	No	stream terrace	---	---	---	---
	GIVIN	10	No	stream terrace	---	---	---	---
876C2: LADOGA SILTY CLAY LOAM, TERRACE, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LADOGA	90	No	stream terrace	---	---	---	---
	OTLEY	10	No	stream terrace	---	---	---	---
876D2: LADOGA SILTY CLAY LOAM, TERRACE, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LADOGA	90	No	stream terrace	---	---	---	---
	SEVERELY ERODED SOIL AREAS	10	No	stream terrace	---	---	---	---
880B: CLINTON SILT LOAM, TERRACE, 2 TO 5 PERCENT SLOPES	CLINTON	95	No	stream terrace	---	---	---	---
	KEOMAH	5	No	stream terrace	---	---	---	---
880C2: CLINTON SILTY CLAY LOAM, TERRACE, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLINTON	95	No	stream terrace	---	---	---	---
	LADOGA	5	No	stream terrace	---	---	---	---
880D2: CLINTON SILTY CLAY LOAM, TERRACE, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLINTON	95	No	stream terrace	---	---	---	---
	SEVERELY ERODED SOIL AREAS	5	No	stream terrace	---	---	---	---

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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
881B: OTLEY SILTY CLAY LOAM, TERRACE, 2 TO 5 PERCENT SLOPES	OTLEY	95	No	stream terrace	---	---	---	---
	MAHASKA	5	No	stream terrace	---	---	---	---
911B: COLO-ELY COMPLEX, 2 TO 5 PERCENT SLOPES	COLO	57	Yes	drainageway	2B3	Yes	No	No
	ELY	38	No	drainageway	---	---	---	---
	JUDSON	5	No	drainageway	---	---	---	---
993D2: GARA-ARMSTRONG COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	48	No	hill	---	---	---	---
	ARMSTRONG	42	No	hill	---	---	---	---
	COLO OVERWASH AREAS	5	Yes	drainageway	2B3	Yes	No	No
	SEVERELY ERODED SOIL AREAS	5	No	hill	---	---	---	---
993E2: GARA-ARMSTRONG COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GARA	48	No	hill	---	---	---	---
	ARMSTRONG	42	No	hill	---	---	---	---
	COLO OVERWASH AREAS	5	Yes	drainageway	2B3	Yes	No	No
	SEVERELY ERODED SOIL AREAS	5	No	hill	---	---	---	---
994D2: GALLAND-DOUDS COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GALLAND	65	No	hill	---	---	---	---
	DOUDS	25	No	hill	---	---	---	---
	CLINTON	10	No	hill	---	---	---	---
994E2: GALLAND-DOUDS COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY	GALLAND	55	No	hill	---	---	---	---

ERODED								
	DOUDS	35	No	hill	---	---	---	---

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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
999F: NORDNESS-ELEVA COMPLEX, 18 TO 25 PERCENT SLOPES	FAYETTE	10	No	hill	---	---	---	---
	NORDNESS	62	No	hill	---	---	---	---
	ELEVA	23	No	hill	---	---	---	---
	AREAS DEEPER TO BEDROCK	15	No	hill	---	---	---	---
999G: NORDNESS-ELEVA COMPLEX, 25 TO 40 PERCENT SLOPES	NORDNESS	62	No	hill	---	---	---	---
	ELEVA	23	No	hill	---	---	---	---
	BEDROCK OUTCROPS	5	No	hill	---	---	---	---
	LINDLEY	5	No	hill	---	---	---	---
	SLOPES GREATER THAN 100 PERCENT	5	No	hill	---	---	---	---
1075: GIVIN SILT LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	GIVIN	90	No	stream terrace	---	---	---	---
	RUBIO	10	Yes	stream terrace	2B3	Yes	No	No
1220: NODAWAY SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	NODAWAY	90	Yes	flood plain	4	No	Yes	No
	COLO	5	Yes	flood plain	4,2B3	Yes	Yes	No
	Other	5	Yes	oxbow	3,2B3,4	Yes	Yes	Yes
1279: TAINTOR SILTY CLAY LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	TAINTOR	95	Yes	stream terrace	2B3	Yes	No	No
	MAHASKA	5	No	stream terrace	---	---	---	---
1280: MAHASKA SILTY CLAY LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	MAHASKA	95	No	stream terrace	---	---	---	---
	TAINTOR	5	Yes	stream terrace	2B3	Yes	No	No

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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
1315: NODAWAY-KLUM COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	NODAWAY	57	Yes	flood plain	4	No	Yes	No
	KLUM	38	Yes	flood plain	4	No	Yes	No
	VESSER	3	Yes	flood plain	2B3,4	Yes	Yes	No
	Other	2	Yes	oxbow	2B3,3,4	Yes	Yes	Yes
5010: PITS, SAND AND GRAVEL	PITS, SAND AND GRAVEL	100	Unranked	---	---	---	---	---
5020: PITS AND DUMPS	PITS AND DUMPS	100	Unranked	---	---	---	---	---
5030: PITS, LIMESTONE QUARRIES	PITS, LIMESTONE QUARRIES	100	Unranked	---	---	---	---	---
5040: ORTHENTS, LOAMY	ORTHENTS	100	Unranked	---	---	---	---	---
5048: AQUENTS, PONDED, FREQUENTLY FLOODED	AQUENTS, PONDED, FREQUENTLY FLOODED	100	Yes	flood plain	4,2B3,3	Yes	Yes	Yes
5060: PITS, CLAY	PITS, CLAY	100	Unranked	---	---	---	---	---
5080: ORTHENTS, SANITARY LANDFILL	ORTHENTS, SANITARY LANDFILL	100	Unranked	---	---	---	---	---
6051: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	VESSER	95	Yes	flood plain	2B3,4	Yes	Yes	No
	COPPOCK	5	Yes	flood plain	2B3,4	Yes	Yes	No
6054: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	ZOOK	95	Yes	flood plain	2B3,4	Yes	Yes	No
	Clay textured surface layer	5	Yes	flood plain	2B3,4	Yes	Yes	No

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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
6133: COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	COLO	90	Yes	flood plain	2B3,4	Yes	Yes	No
	VESSER	5	Yes	flood plain	4,2B3	Yes	Yes	No
	ZOOK	5	Yes	flood plain	2B3,4	Yes	Yes	No
6133+: COLO SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED, OVERWASH	COLO	90	Yes	flood plain	2B3,4	Yes	Yes	No
	ACKMORE	10	Yes	flood plain	4	No	Yes	No
6220: NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	NODAWAY	90	Yes	flood plain	4	No	Yes	No
	KLUM	5	Yes	flood plain	4	No	Yes	No
	Other	5	Yes	oxbow	2B3,4,3	Yes	Yes	Yes
6315: NODAWAY-KLUM COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	NODAWAY	57	Yes	flood plain	4	No	Yes	No
	KLUM	38	Yes	flood plain	4	No	Yes	No
	LOAMY SAND SURFACE LAYER	3	Yes	flood plain	4	No	Yes	No
	OTHER	2	Yes	oxbow	2B3,4,3	Yes	Yes	Yes
6422: AMANA SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	AMANA	90	Yes	flood plain	4	No	Yes	No
	NODAWAY	5	Yes	flood plain	4	No	Yes	No
	OTHER	5	Yes	oxbow	4,3,2B3	Yes	Yes	Yes
6587: CHEQUEST SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	CHEQUEST	90	Yes	flood plain	2B3,4	Yes	Yes	No
	NODAWAY	5	Yes	flood plain	4	No	Yes	No

	ZOOK	5	Yes	flood plain	2B3,4	Yes	Yes	No
SL: SEWAGE LAGOON	SEWAGE LAGOON	100	Unranked	---	---	---	---	---
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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
W: WATER	WATER	100	Unranked	---	---	---	---	---