

MAR 25 1993

HIGHLY ERODIBLE SOILS REPORT

U.S. Department of Agriculture
Soil Conservation Service

Technical Guide
Section II
Cropland Interpretations

Lucas County (117)
Chariton Field Office

Rainfall Factor (R) = 175

Climatic Factor % (C) = 10 (For Wind Erosion Equation)

Highly Erodible Lands Ratings

- 0 = Soil Not Rated - Not Highly Erodible
- 1 = Soil Highly Erodible
- 2 = Soil Potentially Highly Erodible
- 3 = Soil Not Highly Erodible

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Map Unit Symbol	Map Unit Name	-HEL Classifications-		Minimum LS
		Water	Wind	
13B	ZOOK-OLMITZ-VESSER COMPLEX, 0 TO 5 PERCENT SLOPES	3	3	0.62
23C	ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	1	3	0.37
23C2	ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
24D	SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES	1	3	0.82
24D2	SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
24E2	SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
24E3	SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	1	3	0.49
24F2	SHELBY CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
51	VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.82
51+	VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH	3	3	0.82
51B	VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES	3	3	0.82
51B+	VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES, OVERWASH	3	3	0.82
54	ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.62
54+	ZOOK SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH	3	3	0.62
54B	ZOOK SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	3	3	0.62
65E	LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	1	3	0.71
65E2	LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
65F	LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	1	3	0.71
65F2	LINDLEY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
65G	LINDLEY LOAM, 25 TO 40 PERCENT SLOPES	1	3	0.71
65G2	LINDLEY LOAM, 25 TO 40 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
93D2	SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43
94D2	MYSTIC-CALEB COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43
94E2	MYSTIC-CALEB COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43

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131B	PERSHING SILT LOAM, 2 TO 5 PERCENT SLOPES	2	3	0.37
131C	PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES	1	3	0.37
131C2	PERSHING SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
131D2	PERSHING SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
132B	WELLER SILT LOAM, 2 TO 5 PERCENT SLOPES	1	3	0.37
132C	WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES	1	3	0.37
132C2	WELLER SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
132D2	WELLER SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
1711	NODAWAY-LAWSON COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	3	3	0.71
172	WABASH SILTY CLAY, 0 TO 2 PERCENT SLOPES	3	3	0.82
179D2	GARA CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
179E	GARA LOAM, 14 TO 18 PERCENT SLOPES	1	3	0.82
179E2	GARA CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
179E3	GARA CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	1	3	0.49
179F	GARA LOAM, 18 TO 25 PERCENT SLOPES	1	3	0.82
179F2	GARA CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
179G2	GARA CLAY LOAM, 25 TO 40 PERCENT SLOPES, MODERATELY ERODED	1	3	0.71
192C2	ADAIR CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43
192D2	ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43
211	EDINA SILT LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	3	3	0.37
220	NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.71
222C	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	1	3	0.37
222C2	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
222C3	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	1	3	0.25

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222D2	CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
223C2	RINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.32
223D2	RINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.32
269	HUMESTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.49
269+	HUMESTON SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH	3	3	0.43
273B	OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	3	3	0.95
273C	OLMITZ LOAM, 5 TO 9 PERCENT SLOPES	1	3	0.95
313D2	GOSPORT SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.32
313E2	GOSPORT SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1	3	0.32
313F	GOSPORT SILT LOAM, 18 TO 25 PERCENT SLOPES	1	3	0.32
313F2	GOSPORT SILTY CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	1	3	0.32
362	HAIG SILT LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.37
364B	GRUNDY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	2	3	0.37
423C2	BUCKNELL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
423D	BUCKNELL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	1	3	0.37
423D2	BUCKNELL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
425D	KESWICK LOAM, 9 TO 14 PERCENT SLOPES	1	3	0.43
425D2	KESWICK CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
430	ACKMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.71
451D2	CALEB LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.82
451E2	CALEB LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	1	3	0.82
452C	LINEVILLE SILT LOAM, 5 TO 9 PERCENT SLOPES	1	3	0.37
452C2	LINEVILLE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.62
453	TUSKEEGO SILT LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.37

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470D2	LAMONI-SHELBY COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
484	LAWSON SILT LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.82
5021	ORTHENTS, HILLY	2	2	
5025	STRIP MINES, DUMPS	2	2	
5040	ORTHENTS, LOAMY	2	2	
587	CHEQUEST SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	3	3	0.71
587+	CHEQUEST SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH	3	3	0.62
592C2	MYSTIC CLAY LOAM, 5 TO 9 PERCENT SLOPE, MODERATELY ERODED	1	3	0.43
592D2	MYSTIC CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43
711	NODAWAY-LAWSON COMPLEX, 0 TO 2 PERCENT SLOPES	3	3	0.71
792C	ARMSTRONG LOAM, 5 TO 9 PERCENT SLOPES	1	3	0.43
792C2	ARMSTRONG CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43
792D	ARMSTRONG LOAM, 9 TO 14 PERCENT SLOPES	1	3	0.43
792D2	ARMSTRONG CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43
792D3	ARMSTRONG CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	1	3	0.25
822C	LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	1	3	0.37
822C2	LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
822D	LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	1	3	0.37
822D2	LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
831B	PERSHING SILT LOAM, BENCH, 2 TO 5 PERCENT SLOPES	2	3	0.37
831C	PERSHING SILT LOAM, BENCH, 5 TO 9 PERCENT SLOPES	1	3	0.37
831C2	PERSHING SILTY CLAY LOAM, BENCH, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
894D2	BUCKNELL-GARA COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.37
993D2	GARA-ARMSTRONG COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1	3	0.43