Mar 19 16:30 1987 Lyon County Erodible Land List (Water Erosion) Rock Rapids Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 150

Erosion Categories 1 = Highly Erodible Land
2 = Potentially Highly Erodible Land
3 = Not Highly Erodible Land

Erosion Category	SMS	Soil Name	Acres	Min LS
				Page 1
1	174D2	BOLAN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	185	0.76
1	27C	TERRIL LOAM, 5 TO 9 PERCENT SLOPES	655	1.11
1	27D	TERRIL LOAM, 9 TO 14 PERCENT SLOPES	205	1.11
1	28D2	DICKMAN FINE SANDY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	320	0.67
1	310C2	GALVA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	2480	0.83
1	33C	STEINAUER CLAY LOAM, 5 TO 9 PERCENT SLOPES	425	0.83
1	33D	STEINAUER CLAY LOAM, 9 TO 14 PERCENT SLOPES	1405	0.83
1	33E	STEINAUER CLAY LOAM, 14 TO 18 PERCENT SLOPES	965	0.83
1	33F	STEINAUER CLAY LOAM, 18 TO 25 PERCENT SLOPES	3435	0.83
1	33G	STEINAUER CLAY LOAM, 25 TO 40 PERCENT SLOPES	5940	0.83
1	401C	CROFTON SILT LOAM, 5 TO 9 PERCENT SLOPES	825	0.62
1	401D	CROFTON SILT LOAM, 9 TO 14 PERCENT SLOPES	760	0.62
1	401D3	CROFTON SILT LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	2065	0.62
1	401E3	CROFTON SILT LOAM, 14 TO 20 PERCENT SLOPES, SEVERELY ERODED	250	0.62
1	410C2	MOODY SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	31610	0.83
1	410D2	MOODY SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	10610	0.83
1	411C2	EGAN SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	3930	0.83
1	411D2	EGAN SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	220	0.83
1	541D	ESTHERVILLE-SALIDA COMPLEX, 9 TO 14 PERCENT SLOPES	480	0.57
1	73F	SALIDA SANDY LOAM, 18 TO 40 PERCENT SLOPES	290	1.60
1	77C2	SAC SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1575	0.83
1	77D2	SAC SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	120	0.83
1	878D2	OCHEYEDAN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	180	1.11
1	890C2	MOODY SILTY CLAY LOAM, LOAMY SUBSTRATUM, 5 TO 9 PERCENT SLOPES, MODERATELY EROD	1325	0.83
2	174C2	BOLAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	840	0.76
2	28C2	DICKMAN FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1465	0.80
2	541C	ESTHERVILLE-SALIDA COMPLEX, 5 TO 9 PERCENT SLOPES	335	0.57
2	608B	DEMPSTER SILT LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	1430	0.67
2	608C2	DEMPSTER SILT LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	565	0.67
2	710B	WENTWORTH SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	670	0.83
2	710C2	WENTWORTH SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	650	0.83
2	878C2	OCHEYEDAN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	1210	1.11
3	133	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	6025	0.95
3	174	BOLAN LOAM, 0 TO 2 PERCENT SLOPES	215	0.76
3	174B	BOLAN LOAM, 2 TO 5 PERCENT SLOPES	2530	0.76
3	189	OMADI SILT LOAM, OCCASIONALLY FLOODED, 0 TO 2 PERCENT SLOPES	755	0.83
3	203	CYLINDER SILTY CLAY LOAM, DEEP, 0 TO 2 PERCENT SLOPES	1745	0.89
3	259	BISCAY CLAY LOAM, DEEP, 0 TO 2 PERCENT SLOPES	315	0.76
3	26	KENNEBEC SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1225	0.83
3	26B	KENNEBEC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	395	0.83
3	27B	TERRIL LOAM, 2 TO 5 PERCENT SLOPES	1470	1.11
3	28B	DICKMAN FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	205	0.80
3	31	AFTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	4980	0.95
3	310	GALVA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	6840	0.83
3	310B	GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	33760	0.83
3	310B2	GALVA SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	10305	0.83
3	311	GALVA SILTY CLAY LOAM, STRATIFIED SUBSTRATUM, 0 TO 2 PERCENT SLOPES	4785	0.83
3	311B	GALVA SILTY CLAY LOAM, STRATIFIED SUBSTRATUM, 2 TO 5 PERCENT SLOPES	675	0.83

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				Page 2
3	315	ALLUVIAL LAND	1985	0.72
3	32	SPICER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1005	0.95
3	410	MOODY SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1080	0.83
3	410B	MOODY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	59025	0.83
3	410B2	MOODY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	32595	0.83
3	411B	EGAN SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	7660	0.83
3	411B2	EGAN SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	5810	0.83
3	430	ACKMORE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES	8695	0.72
3	458	MILLINGTON LOAM, SOMEWHAT POORLY DRAINED, 0 TO 2 PERCENT SLOPES	1960	0.95
3	486	DAVIS LOAM, 0 TO 2 PERCENT SLOPES	1475	1.11
3	505	SPERRY SILT LOAM, 0 TO 1 PERCENT SLOPES	335	0.95
3	54	ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	160	0.95
3	577B	EVERLY CLAY LOAM, 2 TO 5 PERCENT SLOPES	1730	1.11
3	608	DEMPSTER SILT LOAM, MODERATELY DEEP, 0 TO 2 PERCENT SLOPES	1825	0.67
3	64	BENCLARE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	750	0.95
3	658	MAYER LOAM, 0 TO 2 PERCENT SLOPES	810	0.76
3	710	WENTWORTH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	910	0.83
3	72	ESTHERVILLE LOAM, 0 TO 2 PERCENT SLOPES	565	0.57
3	733	CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	12960	0.95
3	77B	SAC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	11925	0.83
3	77B2	SAC SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	1015	0.83
3	785	SPILLCO LOAM, 0 TO 2 PERCENT SLOPES	4960	1.11
3	791	PRIMGHAR SILTY CLAY LOAM, CALCAREOUS VARIANT, 0 TO 2 PERCENT SLOPES	305	0.95
3	808	DEMPSTER SILT LOAM, DEEP, 0 TO 2 PERCENT SLOPES	2865	0.67
3	808B	DEMPSTER SILT LOAM, DEEP, 2 TO 5 PERCENT SLOPES	1075	0.67
3	878	OCHEYEDAN LOAM, 0 TO 2 PERCENT SLOPES	280	1.11
3	878B	OCHEYEDAN LOAM, 2 TO 5 PERCENT SLOPES	2505	1.11
3	878B2	OCHEYEDAN LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	945	1.11
3	890B	MOODY SILTY CLAY LOAM, LOAMY SUBSTRATUM, 2 TO 5 PERCENT SLOPES	1660	0.83
3	890B2	MOODY SILTY CLAY LOAM, LOAMY SUBSTRATUM, 2 TO 5 PERCENT SLOPES, MODERATELY EROD	2030	0.83
3	899	DAVIS SILT LOAM, 0 TO 2 PERCENT SLOPES	1680	1.11
3	91	PRIMGHAR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	18105	0.95
3	910	TRENT SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	4805	0.95
3	910B	TRENT SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	8295	0.95
3	91B	PRIMGHAR SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	7080	0.95
3	92	MARCUS SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	8685	0.95
3	T410	MOODY SILTY CLAY LOAM, BENCHES, 0 TO 2 PERCENT SLOPES	1435	0.83
3	T410B	MOODY SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	1205	0.83

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	70,255
2	7,165
3	298,415