Mar 19 16:22 1987 Guthrie County Erodible Land List (Water Erosion) Guthrie Center Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 175

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

Erosion Category	SMS	Soil Name	Acres	Min LS
1	138C	CLARION LOAM, 5 TO 9 PERCENT SLOPES	4572	0.82
1	138C2	CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	4369	0.82
1	138D2	CLARION LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1657	0.82
1	138E	CLARION LOAM, 14 TO 18 PERCENT SLOPES	369	0.82
1	179D2	GARA LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1521	0.82
1	179E2	GARA LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	8081	0.82
1	179F2	GARA LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	14844	0.82
1	179G2	GARA LOAM, 25 TO 40 PERCENT SLOPES, MODERATELY ERODED	277	0.82
1	192D2	ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	610	0.43
1	192E2	ADAIR CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	225	0.43
1	192E3	ADAIR SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	221	0.29
1	222C2	CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	240	0.37
1	222D2	CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1333	0.37
1	236C2	LESTER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	798	0.82
1	236D2	LESTER LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	569	0.82
1	24C2	SHELBY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	382	0.82
1	24D2	SHELBY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	10156	0.82
1	24E2	SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	13344	0.82
1	24E3	SHELBY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	742	0.57
1	24F2	SHELBY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	4798	0.82
1	24F3	SHELBY SOILS, 18 TO 25 PERCENT SLOPES, SEVERELY ERODED	343	0.57
1	273C	OLMITZ LOAM, 5 TO 9 PERCENT SLOPES	2444	0.82
1	308C	WADENA LOAM, DEEP, 5 TO 14 PERCENT SLOPES	264	0.76
1	313E2	GOSPORT SILT LOAM, 9 TO 18 PERCENT SLOPES, MODERATELY ERODED	304	0.32
1	313F2	GOSPORT SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED	1456	0.32
1	318F	CLANTON SILT LOAM, 18 TO 30 PERCENT SLOPES	288	0.37
1	370C	SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	2572	0.71
1	370C2	SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	37882	0.71
1	370D	SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	331	0.71
1	370D2	SHARPSBURG SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	25494	0.71
1	370E2	SHARPSBURG SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	454	0.71
1	415D	MONTIETH LOAMY SAND, 9 TO 14 PERCENT SLOPES	532	1.08
1	415E	MONTIETH LOAMY SAND, 14 TO 18 PERCENT SLOPES	1634	1.08
1	415F	MONTIETH LOAMY SAND, 18 TO 30 PERCENT SLOPES	2979	1.08
1	416E	HESCH SANDY LOAM, 9 TO 18 PERCENT SLOPES	464	0.91
1	417D	HESCH LOAM, 9 TO 14 PERCENT SLOPES	612	0.91
1	417E	HESCH LOAM, 14 TO 18 PERCENT SLOPES	912	0.91
1	62C2	STORDEN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	879	0.82
1	62D2	STORDEN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	1441	0.82
1	62E2	STORDEN LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	616	0.71
1	62F2	STORDEN LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	477	0.82
1	65E2	LINDLEY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	888	0.71
1	65F2	LINDLEY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	976	0.71
1	65F3	LINDLEY SOILS, 18 TO 25 PERCENT SLOPES, SEVERELY ERODED	485	0.57
1	65G2	LINDLEY LOAM, 25 TO 40 PERCENT SLOPES, MODERATELY ERODED	2818	0.71
1	675C2	DICKINSON-SHARPSBURG COMPLEX, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	240	0.57
1	675D2	DICKINSON-SHARPSBURG COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	712	0.57
1	69D2	CLEARFIELD SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	483	0.82

Mar 19 16:22 1987 Guthrie County Erodible Land List (Water Erosion) Guthrie Center Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 175

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

Erosion Category	SMS	Soil Name	Acres	Min LS
1	73D2	SALIDA SANDY LOAM, 7 TO 14 PERCENT SLOPES, MODERATELY ERODED	378	1.37
1	76C	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES	663	0.71
1	76C2	LADOGA SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	15441	0.71
1	76D	LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES	523	0.71
1	76D2	LADOGA SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	10997	0.71
1	76E2	LADOGA SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	689	0.71
1	80C2	CLINTON SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	846	0.62
1	80D2	CLINTON SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	615	0.62
1	80D3	CLINTON SOILS, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	309	0.43
1	82ZD2	LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	904	0.43
1	82ZE2	LAMONI SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	483	0.43
1	8C	JUDSON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	830	0.82
1	93D2	SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	8539	0.43
1	93D3	SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	294	0.29
1	93E2	SHELBY-ADAIR COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	6338	0.43
1	93E3	SHELBY-ADAIR COMPLEX, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	1917	0.29
1	993E2	GARA-ARMSTRONG LOAMS, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	4917	0.43
1	9C2	MARSHALL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	5250	0.71
1	9D2	MARSHALL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	4668	0.71
2	108C2	WADENA LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	289	0.76
3	107	WEBSTER SILTY CLAY LOAM	14097	0.95
3	108A	WADENA LOAM, MODERATELY DEEP, 0 TO 2 PERCENT SLOPES	144	0.76
3	108B	WADENA LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	901	0.76
3	11B	COLO-JUDSON COMPLEX, 2 TO 5 PERCENT SLOPES	13431	0.71
3	133A	COLO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	3599	0.82
3	133A+	COLO SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES	7584	0.82
3	133B	COLO SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	1692	0.82
3	133B+	COLO SILT LOAM, OVERWASH, 2 TO 5 PERCENT SLOPES	3054	0.82
3	138B	CLARION LOAM, 2 TO 5 PERCENT SLOPES	24437	0.82
3	138B2	CLARION LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	927	0.82
3	203	CYLINDER LOAM	799	0.76
3	212	KENNEBEC SILT LOAM	842	0.71
3	220	NODAWAY SILT LOAM	3041	0.62
3	236B	LESTER LOAM, 2 TO 5 PERCENT SLOPES	417	0.82
3	24B	SHELBY LOAM, 2 TO 5 PERCENT SLOPES	513	0.82
3	269	HUMESTON SILT LOAM	100	0.57
3	273B	OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	2930	0.82
3	308A	WADENA LOAM, DEEP, 0 TO 2 PERCENT SLOPES	409	0.76
3	308B	WADENA LOAM, DEEP, 2 TO 5 PERCENT SLOPES	804	0.76
3	315	ALLUVIAL LAND — marsh	3881	0.62
3	368	MACKSBURG SILTY CLAY LOAM	1159	0.71
3	370A	SHARPSBURG SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	1045	0.71
3	370B	SHARPSBURG SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	10749	0.71
3	428B	ELY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	1051	0.71
3	485A	SPILLVILLE LOAM, 1 TO 3 PERCENT SLOPES	376	0.82
3	507	CANISTEO SILTY CLAY LOAM	4570	0.71
3	51A	VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	1185	0.71
3	51A+	VESSER SILT LOAM, OVERWASH, 0 TO 2 PERCENT SLOPES	966	0.71

3 — 354 DB° 10/92

Guthrie County Erodible Land List (Water Erosion) Guthrie Center Field Office
Erosion Index (EI) = 8 Rainfall Factor (R) = 175

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

Erosion Category	SMS	Soil Name	Acres	Min LS
3	54	ZOOK SILTY CLAY LOAM	2995	0.82
3	54+	ZOOK SILT LOAM, OVERWASH	2112	0.82
3	55A	NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	15294	0.95
3	585B	COLO-SPILLVILLE COMPLEX, 2 TO 5 PERCENT SLOPES	552	0.82
3	6	OKOBOJI SILTY CLAY LOAM	338	0.62
3	615B	COLO-SPILLVILLE COMPLEX, CHANNELED, 2 TO 5 PERCENT SLOPES	342	0.82
3	733	CALCO SILTY CLAY LOAM	176	0.82
3	76A	LADOGA SILT LOAM, 0 TO 2 PERCENT SLOPES	196	0.71
3	76B	LADOGA SILT LOAM, 2 TO 5 PERCENT SLOPES	1795	0.71
3	80B	CLINTON SILT LOAM, 2 TO 5 PERCENT SLOPES	306	0.62
3	88	NEVIN SILTY CLAY LOAM	1663	0.71
3	8B	JUDSON SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	2298	0.82
3	95	HARPS LOAM	133	0.95
3	9B	MARSHALL SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	813	0.71
3	C133A	COLO SILT LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	4158	0.82
3	C220	NODAWAY SILT LOAM, CHANNELED	961	0.62
3	T370B	SHARPSBURG SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	1306	0.71
3	T76B	LADOGA SILT LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	584	0.71
3	T9B	MARSHALL SILTY CLAY LOAM, BENCHES, 2 TO 5 PERCENT SLOPES	464	0.71

Subtotal of Acres by Erosion Category

Erosion Category	Total Acres
1	222,689
2	289
3	141,189