

**Kansas State Conversion Legend  
for  
Osage County, Kansas**

Official Map Unit Symbol <sup>2</sup>	Official Map Unit Name	Old Map Unit Symbol <sup>1 2</sup>	Old Map Unit Name
3890	Ladysmith silty clay loam, 0 to 1 percent slopes	177LD	LADYSMITH SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
3890	Ladysmith silty clay loam, 0 to 1 percent slopes	3890	Ladysmith silty clay loam, 0 to 1 percent slopes
3891	Ladysmith silty clay loam, 1 to 3 percent slopes	177LM	LADYSMITH SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
3891	Ladysmith silty clay loam, 1 to 3 percent slopes	3891	Ladysmith silty clay loam, 1 to 3 percent slopes
3892	Ladysmith silty clay loam, 1 to 3 percent slopes, eroded	177LS	LADYSMITH SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES, ERODED
3892	Ladysmith silty clay loam, 1 to 3 percent slopes, eroded	3892	Ladysmith silty clay loam, 1 to 3 percent slopes, eroded
4020	Chase silty clay loam, occasionally flooded	111CA	CHASE SILTY CLAY LOAM, OCCASIONALLY FLOODED
4053	Ivan silty clay loam, channeled	7051	Kennebec silt loam, frequently floo
4053	Ivan silty clay loam, channeled	177AN	KENNEBEC SILT LOAM, CHANNELE
4350	Chase silty clay loam, rarely flooded	197CE	CHASE SILTY CLAY LOAM, RARELY F
4590	Clime-Sogn complex, 3 to 20 percent slopes	Cs	CLIME-SOQN COMPLEX, 3 TO 15 PERCENT SLOPES
4590	Clime-Sogn complex, 3 to 20 percent slopes	197CS	CLIME-SOQN SILTY CLAY LOAMS, 5 TO 20 PERCENT SLOPES
4605	Dwight silt loam, 1 to 3 percent slopes	Ds	DWIGHT SILT LOAM, 0 TO 3 PERCENT SLOPES
4615	Dwight silty clay loam, 1 to 3 percent slopes	177DW	DWIGHT SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
4635	Dwight-Martin silty clay loams, 1 to 3 percent slopes	177DM	DWIGHT-MARTIN SILTY CLAY LOAMS, 1 TO 3 PERCENT SLOPES
4671	Irwin silty clay loam, 1 to 3 percent slopes	197IB	IRWIN SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
4671	Irwin silty clay loam, 1 to 3 percent slopes	4671	Irwin silty clay loam, 1 to 3 percent slopes
4740	Labette silty clay loam, 1 to 3 percent slopes	111LA	LABETTE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
4740	Labette silty clay loam, 1 to 3 percent slopes	177LA	LABETTE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
4740	Labette silty clay loam, 1 to 3 percent slopes	LA	LABETTE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES

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4742	Labette silty clay loam, 3 to 7 percent slopes	177LB	LABETTE SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES
4743	Labette silty clay loam, 3 to 7 percent slopes, eroded	177LC	LABETTE SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES, ERODED
4752	Sogn-Vinland complex, 3 to 25 percent slopes	045SW	SOGN-VINLAND COMPLEX, 5 TO 20 PERCENT SLOPES
4752	Sogn-Vinland complex, 3 to 25 percent slopes	177SV	SOGN-VINLAND COMPLEX, 3 TO 25 PERCENT SLOPES
4832	Wamego silty clay loam, 3 to 7 percent slopes	197WE	WAMEGO SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
7050	Kennebec silt loam, occasionally flooded	KB	KENNEBEC SILT LOAM, OCCASIONALLY FLOODED
7050	Kennebec silt loam, occasionally flooded	7050	Kennebec silt loam, occasionally flooded
7051	Kennebec silt loam, frequently flooded	177AN	KENNEBEC SILT LOAM, CHANNELED
7051	Kennebec silt loam, frequently flooded	045KC	KENNEBEC SOILS, CHANNELED
7173	Reading silty clay loam, rarely flooded	177RE	READING SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, RARELY
7230	Elmont loam, 3 to 7 percent slopes	Ed	ELMONT LOAM, 3 TO 7 PERCENT S
7233	Elmont silt loam, 3 to 7 percent slopes	111EB	ELMONT SILT LOAM, 4 TO 7 PERCENT SLOPES
7233	Elmont silt loam, 3 to 7 percent slopes	177EL	ELMONT SILT LOAM, 4 TO 7 PERCENT SLOPES
7233	Elmont silt loam, 3 to 7 percent slopes	EI	ELMONT SILT LOAM, 4 TO 7 PERCENT SLOPES
7235	Elmont silt loam, 7 to 12 percent slopes	177EN	ELMONT SILT LOAM, 7 TO 12 PERCENT SLOPES
7302	Martin silty clay loam, 3 to 7 percent slopes	177MC	MARTIN SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
7302	Martin silty clay loam, 3 to 7 percent slopes	197MB	MARTIN SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
7302	Martin silty clay loam, 3 to 7 percent slopes	MA	MARTIN SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
7304	Martin silty clay loam, 7 to 12 percent slopes	177MF	MARTIN SILTY CLAY LOAM, 7 TO 11 PERCENT SLOPES

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7320	Martin-Kennebec complex, 0 to 12 percent slopes	177BK	MARTIN-KENNEBEC COMPLEX, 0 TO 12 PERCENT SLOPES
7325	Martin-Oska silty clay loams, 3 to 6 percent slopes	045MO	MARTIN-OSKA SILTY CLAY LOAMS, 3 TO 6 PERCENT SLOPES
7460	Oska silty clay loam, 3 to 6 percent slopes	045OE	OSKA SILTY CLAY LOAM, 3 TO 6 PERCENT SLOPES
7603	Sibleyville loam, 3 to 7 percent slopes	SI	SIBLEYVILLE LOAM, 3 TO 7 PERCENT SLOPES
7603	Sibleyville loam, 3 to 7 percent slopes	045SH	SIBLEYVILLE LOAM, 3 TO 7 PERCENT SLOPES
7605	Sibleyville loam, 7 to 12 percent slopes	177SU	SIBLEYVILLE LOAM, 7 TO 11 PERCENT SLOPES
7657	Vinland-Martin complex, 7 to 15 percent slopes	045VM	VINLAND-MARTIN COMPLEX, 7 TO 15 PERCENT SLOPES
7658	Vinland-Rock outcrop complex, 15 to 45 percent slopes	045SX	VINLAND-ROCK OUTCROP COMPLEX, 20 TO 40 PERCENT
7661	Vinland-Sogn complex, 15 to 45 percent slopes	177SW	VINLAND-SOBN COMPLEX, 15 TO 45 PERCENT SLOPES
8201	Osage silty clay loam, occasionally flooded	Os	OSAGE SILTY CLAY LOAM, OCCASIONALLY FLOODED
8202	Osage silty clay, frequently flooded	Ow	OSAGE SILTY CLAY, FREQUENTLY F
8203	Osage silty clay, occasionally flooded	Ov	OSAGE SILTY CLAY, OCCASIONALLY FLOODED
8300	Verdigris silt loam, channeled	Vc	VERDIGRIS SILT LOAM, CHANNELE
8302	Verdigris silt loam, occasionally flooded	Vb	VERDIGRIS SILT LOAM, OCCASIONALLY FLOODED
8501	Mason silt loam, rarely flooded	Mb	MASON SILT LOAM, RARELY FLOO
8623	Bates loam, 3 to 7 percent slopes	Bd	BATES LOAM, 3 TO 7 PERCENT SLO
8659	Clareson-Eram complex, 3 to 15 percent slopes	Cm	CLARESON-ERAM COMPLEX, 3 TO 15 PERCENT SLOPES
8661	Clareson-Eram silty clay loams, 3 to 15 percent slopes	059CM	CLARESON-ERAM SILTY CLAY LOAMS, 3 TO 15 PERCENT SLOPES
8683	Dennis silt loam, 3 to 7 percent slopes	Dn	DENNIS SILT LOAM, 2 TO 6 PERCENT SLOPES
8727	Eram and Bates soils, 5 to 15 percent slopes	111EF	ERAM AND BATES SOILS, 6 TO 15 PERCENT SLOPES

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8735	Eram silty clay loam, 3 to 7 percent slopes	En	ERAM SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
8738	Eram silty clay, 3 to 7 percent slopes, eroded	Er	ERAM SILTY CLAY, 3 TO 7 PERCENT SLOPES, ERODED
8755	Eram-Lebo silty clay loams, 5 to 20 percent slopes	059EA	ERAM-LEBO SILTY CLAY LOAMS, 7 TO 12 PERCENT SLOPES
8775	Kenoma silt loam, 1 to 3 percent slopes	Ke	KENOMA SILT LOAM, 1 TO 4 PERCENT SLOPES
8791	Lebo-Rock outcrop complex, 20 to 40 percent slopes	Ln	LEBO-ROCK OUTCROP COMPLEX, 20 TO 40 PERCENT SLOPES
8793	Lebo-Summit silty clay loams, 8 to 12 percent slopes	Ls	LEBO-SUMMIT SILTY CLAY LOAMS, 7 TO 12 PERCENT SLOPES
8855	Olpe-Kenoma complex, 1 to 3 percent slopes	Oe	OLPE-KENOMA COMPLEX, 1 TO 5 PERCENT SLOPES
8911	Summit silty clay loam, 1 to 3 percent slopes	Sn	SUMMIT SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
8912	Summit silty clay loam, 3 to 7 percent slopes	So	SUMMIT SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
8961	Woodson silt loam, 0 to 1 percent slopes	Wo	WOODSON SILT LOAM, 0 TO 2 PERCENT SLOPES
8962	Woodson silt loam, 1 to 3 percent slopes	045WS	WOODSON SILT LOAM, 1 TO 3 PERCENT SLOPES
9970	Aquolls	INT	AQUOLLS
9971	Arents, earthen dam	AED	ARENTS, EARTHEN DAM
9981	Fluents, channeled, frequently flooded	177BR	FLUENTS, FREQUENTLY FLOODED
9983	Gravel pits and quarries	Pt	PITS, QUARRIES
9986	Miscellaneous water	M-W	MISCELLANEOUS WATER
9990	Orthents, hilly	Op	ORTHENTS, HILLY
9999	Water	W	WATER
MT250B	Aliceville silty clay loam, 1 to 3 percent slopes	MT250B	Aliceville silty clay loam, 1 to 3 percent slopes
MT250B	Aliceville silty clay loam, 1 to 3 percent slopes	Lu	LULA SILT LOAM, 1 TO 3 PERCENT SLOPES
MT250B	Aliceville silty clay loam, 1 to 3 percent slopes	8797	Lula silt loam, 1 to 3 percent slopes

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MT487C	Eram-Aliceville complex, 3 to 8 percent slopes	059EC	ERAM-LULA COMPLEX, 3 TO 7 PERCENT SLOPES
MT487C	Eram-Aliceville complex, 3 to 8 percent slopes	MT487C	Eram-Aliceville complex, 3 to 8 percent slopes
MT487C	Eram-Aliceville complex, 3 to 8 percent slopes	8757	Eram-Lula complex, 3 to 7 percent slopes

This legend represents the conversion from the mixed alpha-numeric symbols and alphabetical symbols to the numeric symbols of the Kansas State Legend as of September 30, 2011. The old map unit symbol and the old map unit name should agree with the 1990 frozen soils list. The 1990 frozen soils list is used for making highly erodible land (HEL) determinations.

<sup>1</sup> A map unit symbol that has a number and upper case letters denotes a map unit that was brought from an adjacent county for the purpose of joining across county boundaries. Example: 001CA.

<sup>2</sup> A map unit symbol that has a "MT" followed by three numbers and an upper case letter indicates a map unit join between three states in the southeast corner of Kansas. Example: MT850B.