

Kansas State Conversion Legend for Cowley County, Kansas

Official Map Unit Symbol	Official Map Unit Name	Old Map Unit Symbol ^{1 2}	Old Map Unit Name
2152	Lesho clay loam, occasionally flooded	Lf	LESHO CLAY LOAM, OCCASIONALLY FLOODED
3890	Ladysmith silty clay loam, 0 to 1 percent slopes	015LS	LADYSMITH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES
3908	Rosehill clay loam, 1 to 3 percent slopes	191RO	ROSEHILL CLAY LOAM, 1 TO 3 PERCENT SLOPES
3909	Rosehill clay loam, 3 to 6 percent slopes	191RS	ROSEHILL CLAY LOAM, 3 TO 6 PERCENT SLOPES
3911	Rosehill silty clay, 1 to 3 percent slopes	Rb	ROSEHILL SILTY CLAY, 1 TO 3 PERCENT SLOPES
3912	Rosehill silty clay, 3 to 6 percent slopes	Rc	ROSEHILL SILTY CLAY, 3 TO 6 PERCENT SLOPES
3921	Smolan silty clay loam, 1 to 3 percent slopes	Sa	SMOLAN SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
3922	Smolan silty clay loam, 3 to 7 percent slopes	Sb	SMOLAN SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
3923	Smolan silty clay loam, 3 to 7 percent slopes, eroded	Sc	SMOLAN SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
4051	Ivan silt loam, channeled	049IV	IVAN SILT LOAM, CHANNELED
4052	Ivan silt loam, occasionally flooded	Ib	IVAN SILT LOAM, OCCASIONALLY FLOODED
4580	Clime stony silty clay loam, 15 to 30 percent slopes	Cb	CLIME-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES
4590	Clime-Sogn complex, 3 to 20 percent slopes	015CS	CLIME-SOQN COMPLEX, 3 TO 15 PERCENT SLOPES
4590	Clime-Sogn complex, 3 to 20 percent slopes	Cc	CLIME-SOQN COMPLEX, 2 TO 15 PERCENT SLOPES

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4600	Dwight silt loam, 0 to 1 percent slopes	Db	DWIGHT SILT LOAM, 0 TO 2 PERCENT SLOPES
4645	Florence cherty silt loam, 5 to 15 percent slopes	Fa	FLORENCE CHERTY SILT LOAM, 5 TO 15 PERCENT SLOPES
4645	Florence cherty silt loam, 5 to 15 percent slopes	015FC	FLORENCE CHERTY SILT LOAM, 5 TO 10 PERCENT SLOPES
4660	Florence-Martin complex, 2 to 12 percent slopes	049FM	FLORENCE-MARTIN COMPLEX, 2 TO 12 PERCENT SLOPES
4671	Irwin silty clay loam, 1 to 3 percent slopes	Ia	IRWIN 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
4742	Labette silty clay loam, 3 to 7 percent slopes	015LC	LABETTE SILTY CLAY LOAM, 3 TO 5 PERCENT SLOPES
4743	Labette silty clay loam, 3 to 7 percent slopes, eroded	Lc	LABETTE SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
4744	Labette-Dwight complex, 0 to 3 percent slopes	Ld	LABETTE-DWIGHT COMPLEX, 1 TO 3 PERCENT SLOPES
4746	Labette-Sogn silty clay loam, 0 to 8 percent slopes	4747	Labette-Sogn silty clay loams, 8 to 15 percent slopes
4746	Labette-Sogn silty clay loam, 0 to 8 percent slopes	Le	LABETTE-SOHN SILTY CLAY LOAMS, 2 TO 8 PERCENT SLOPES
4750	Sogn silty clay loam, 0 to 10 percent slopes	Sd	SOHN SILTY CLAY LOAM, 0 TO 10 PERCENT SLOPES
5864	Attica loamy fine sand, 3 to 6 percent slopes	Aa	ATTICA LOAMY FINE SAND, 3 TO 6 PERCENT SLOPES

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5866	Attica-Tivoli loamy fine sands, 3 to 15 percent slopes	Ab	ATTICA-TIVOLI LOAMY FINE SANDS, 3 TO 15 PERCENT SLOPES
5929	Pratt loamy fine sand, 5 to 12 percent slopes	191PX	PRATT LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES
5967	Tabler silty clay loam, 0 to 1 percent slopes	Ta	TABLER SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
5968	Tabler silty clay loam, 1 to 3 percent slopes	Tb	TABLER SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
5972	Tivoli fine sand, 10 to 30 percent slopes	191TV	TIVOLI FINE SAND, 8 TO 20 PERCENT SLOPES
5976	Vanoss silt loam, 0 to 1 percent slopes	Va	VANOSS SILT LOAM, 0 TO 1 PERCENT SLOPES
5977	Vanoss silt loam, 1 to 3 percent slopes	Vb	VANOSS SILT LOAM, 1 TO 3 PERCENT SLOPES
5978	Vanoss silt loam, 3 to 7 percent slopes	Vc	VANOSS SILT LOAM, 3 TO 7 PERCENT SLOPES
6063	Lincoln-Tivoli complex, 0 to 10 percent slopes	Lg	LINCOLN-TIVOLI COMPLEX, 0 TO 10 PERCENT SLOPES
6220	Brewer silty clay loam, rarely flooded	Bc	BREWER SILTY CLAY LOAM, RARELY FLOODED
6224	Canadian fine sandy loam, rarely flooded	Ca	CANADIAN FINE SANDY LOAM, RARELY FLOODED
6240	Dale silt loam, rarely flooded	Da	DALE SILT LOAM, RARELY FLOODED
6254	Waurika silt loam, 0 to 1 percent slopes	Wa	WAURIKA SILT LOAM, 0 TO 1 PERCENT SLOPES
6320	Bethany silt loam, 0 to 1 percent slopes	Ba	BETHANY SILT LOAM, 0 TO 1 PERCENT SLOPES
6321	Bethany silt loam, 1 to 3 percent slopes	Bb	BETHANY SILT LOAM, 1 TO 3 PERCENT SLOPES

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6366	Milan fine sandy loam, 1 to 6 percent slopes	Me	MILAN FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES
6369	Milan loam, 1 to 3 percent slopes	191MB	MILAN LOAM, 1 TO 3 PERCENT SLOPES
6370	Milan loam, 3 to 6 percent slopes	191MC	MILAN LOAM, 3 TO 6 PERCENT SLOPES
6380	Minco silt loam, 3 to 7 percent slopes	Mf	MINCO SILT LOAM, 3 TO 7 PERCENT SLOPES
6382	Minco silt loam, 7 to 15 percent slopes	Mg	MINCO SILT LOAM, 7 TO 15 PERCENT SLOPES
6401	Norge silt loam, 1 to 3 percent slopes	Na	NORGE SILT LOAM, 1 TO 3 PERCENT SLOPES
6402	Norge silt loam, 3 to 7 percent slopes	015NS	NORGE SILT LOAM, 3 TO 5 PERCENT SLOPES
6402	Norge silt loam, 3 to 7 percent slopes	Nb	NORGE SILT LOAM, 3 TO 7 PERCENT SLOPES
6403	Norge silty clay loam, 3 to 7 percent slopes, eroded	015NT	NORGE SILTY CLAY LOAM, 3 TO 5 PERCENT SLOPES, ERODED
6403	Norge silty clay loam, 3 to 7 percent slopes, eroded	Nc	NORGE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
7170	Reading silt loam, rarely flooded	Ra	READING SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
7301	Martin silty clay loam, 1 to 3 percent slopes	Ma	MARTIN SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
7301	Martin silty clay loam, 1 to 3 percent slopes	019MB	MARTIN SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES
7302	Martin silty clay loam, 3 to 7 percent slopes	019MC	MARTIN SILTY CLAY LOAM, 4 TO 7 PERCENT SLOPES
7302	Martin silty clay loam, 3 to 7 percent slopes	049MC	MARTIN SILTY CLAY LOAM, 4 TO 7 PERCENT SLOPES

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7302	Martin silty clay loam, 3 to 7 percent slopes	Mb	MARTIN SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
7302	Martin silty clay loam, 3 to 7 percent slopes	MCC	MARTIN SILTY CLAY LOAM, 4 TO 7 PERCENT SLOPES
7303	Martin silty clay loam, 3 to 7 percent slopes, eroded	Mc	MARTIN SILTY CLAY LOAM, 2 TO 7 PERCENT SLOPES, ERODED
7312	Martin-Florence complex, 2 to 12 percent slopes	Md	MARTIN-FLORENCE COMPLEX, 2 TO 12 PERCENT SLOPES
8203	Osage silty clay, occasionally flooded	Ob	OSAGE SILTY CLAY, OCCASIONALLY FLOODED
8302	Verdigris silt loam, occasionally flooded	Vd	VERDIGRIS SILT LOAM, OCCASIONALLY FLOODED
8303	Verdigris soils, frequently flooded	015VE	VERDIGRIS SOILS, FREQUENTLY FLOODED
8849	Olpe gravelly silt loam, 3 to 15 percent slopes	Oa	OLPE GRAVELLY SILT LOAM, 2 TO 12 PERCENT SLOPES
8859	Olpe-Norge complex, 2 to 7 percent slopes	015ON	OLPE-NORGE COMPLEX, 2 TO 7 PERCENT SLOPES
9970	Aquolls	INT	AQUOLLS
9971	Arents, earthen dam	AED	ARENTS, EARTHEN DAM
9986	Miscellaneous water	M-W	MISCELLANEOUS WATER
9998	Ustifluvents, channeled	191US	USTIFLUVENTS, CHANNELED
9999	Water	W	WATER

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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, 2014. The 1990 frozen soils list is used for making highly erodible land (HEL) determinations.

¹A 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.

²A map unit symbol that has "MT" followed by three numbers and an upper case letter denotes a map unit join among three states in the southeast portion of Kansas. Example: MT850B.