

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

Official Map Unit Symbol ²	Official Map Unit Name	Old Map Unit Symbol ^{1 2}	Old Map Unit Name
3391	Lancaster loam, 3 to 7 percent slopes	201LC	LANCASTER LOAM, 3 TO 7 PERCENT SLOPES
3545	Hobbs silt loam, channeled, frequently flooded	027HN	HOBBS SILT LOAM, CHANNELED
3561	Hobbs silt loam, occasionally flooded	HO	HOBBS SILT LOAM, OCCASIONALLY FLOODED
3561	Hobbs silt loam, occasionally flooded	201HO	HOBBS SILT LOAM, OCCASIONALLY FLOODED
3633	Sutphen silty clay, occasionally flooded	Su	SUTPHEN SILTY CLAY, OCCASIONALLY FLOODED
3775	Muir silt loam, rarely flooded	Mu	MUIR SILT LOAM, RARELY FLOODED
3825	Crete silt loam, 1 to 3 percent slopes	027CS	CRETE SILT LOAM, 1 TO 3 PERCENT SLOPES
3827	Crete silty clay loam, 0 to 1 percent slopes	061CR	CRETE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
3828	Crete silty clay loam, 1 to 3 percent slopes	061CS	CRETE SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES
3828	Crete silty clay loam, 1 to 3 percent slopes	201CS	CRETE SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
3830	Crete silty clay loam, 3 to 7 percent slopes	CT	CRETE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
3830	Crete silty clay loam, 3 to 7 percent slopes	061CT	CRETE SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES
3830	Crete silty clay loam, 3 to 7 percent slopes	201CT	CRETE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
3831	Crete silty clay loam, 3 to 7 percent slopes, eroded	201CX	CRETE SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES, ERODED
3831	Crete silty clay loam, 3 to 7 percent slopes, eroded	027CX	CRETE SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES, ERODED
3843	Geary silt loam, 1 to 3 percent slopes	Ga	GEARY SILT LOAM, 1 TO 4 PERCENT SLOPES
3844	Geary silt loam, 3 to 7 percent slopes	Ge	GEARY SILT LOAM, 4 TO 8 PERCENT SLOPES
3884	Kenesaw silt loam, 2 to 5 percent slopes	Ke	KENESAW SILT LOAM, 2 TO 6 PERCENT SLOPES
3886	Kenesaw silt loam, 5 to 12 percent slopes	Kf	KENESAW SILT LOAM, 6 TO 10 PERCENT SLOPES

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3919	Smolan silt loam, 1 to 3 percent slopes	Sm	SMOLAN SILT LOAM, 1 TO 4 PERCENT SLOPES
3920	Smolan silt loam, 3 to 7 percent slopes	Sn	SMOLAN SILT LOAM, 4 TO 8 PERCENT SLOPES
3923	Smolan silty clay loam, 3 to 7 percent slopes, eroded	So	SMOLAN SILTY CLAY LOAM, 4 TO 8 PERCENT SLOPES, ERODED
4010	Carr-Sarpy complex, occasionally flooded	Ca	CARR-SARPY COMPLEX, OCCASIONALLY FLOODED
4050	Ivan and Kennebec silt loams, occasionally flooded	Iv	IVAN AND KENNEBEC SILT LOAMS, OCCASIONALLY FLOODED
4051	Ivan silt loam, channeled	Ad	IVAN SILT LOAM, CHANNELED
4052	Ivan silt loam, occasionally flooded	197IV	IVAN SILT LOAM, OCCASIONALLY F
4053	Ivan silty clay loam, channeled	197IX	IVAN SILTY CLAY LOAM, CHANNEL
4150	Kahola silt loam, channeled	061KA	KAHOLA SILT LOAM, CHANNELED
4151	Kahola silt loam, occasionally flooded	061KB	KAHOLA SILT LOAM, OCCASIONALLY FLOODED
4350	Chase silty clay loam, rarely flooded	Ch	CHASE SILTY CLAY LOAM, RARELY F
4400	Kahola silt loam, rarely flooded	Ka	KAHOLA SILT LOAM, RARELY FLOO
4525	Benfield silty clay loam, 3 to 7 percent slopes	BE	BENFIELD SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
4525	Benfield silty clay loam, 3 to 7 percent slopes	201BE	BENFIELD SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
4530	Benfield-Florence complex, 5 to 30 percent slopes	Bf	BENFIELD-FLORENCE COMPLEX, 5 TO 20 PERCENT SLOPES
4530	Benfield-Florence complex, 5 to 30 percent slopes	061BE	BENFIELD-FLORENCE COMPLEX, 5 TO 30 PERCENT SLOPES
4550	Clime silty clay loam, 20 to 40 percent slopes, very stony	St	CLIME SILTY CLAY LOAM, 20 TO 40 PERCENT SLOPES, STONY
4555	Clime silty clay loam, 3 to 7 percent slopes	197CM	CLIME SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
4590	Clime-Sogn complex, 3 to 20 percent slopes	Cs	CLIME-SOQN COMPLEX, 5 TO 20 PERCENT SLOPES
4590	Clime-Sogn complex, 3 to 20 percent slopes	061CF	CLIME-SOQN SILTY CLAY LOAMS, 5 TO 20 PERCENT SLOPES
4590	Clime-Sogn complex, 3 to 20 percent slopes	197CS	CLIME-SOQN SILTY CLAY LOAMS, 5 TO 20 PERCENT SLOPES

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4625	Dwight-Irwin complex, 1 to 3 percent slopes	Dr	DWIGHT-IRWIN COMPLEX, 1 TO 4 PERCENT SLOPES
4630	Dwight-Irwin complex, 1 to 3 percent slopes, eroded	Dw	DWIGHT-IRWIN COMPLEX, 1 TO 4 PERCENT SLOPES, ERODED
4655	Florence-Labette complex, 2 to 12 percent slopes	197FL	FLORENCE-LABETTE COMPLEX, 3 TO 15 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
4673	Irwin silty clay loam, 3 to 7 percent slopes	197ID	IRWIN SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
4673	Irwin silty clay loam, 3 to 7 percent slopes	4673	Irwin silty clay loam, 3 to 7 percent slopes
4674	Irwin silty clay loam, 3 to 7 percent slopes, eroded	Id	IRWIN SILTY CLAY LOAM, 4 TO 8 PERCENT SLOPES, ERODED
4700	Ivan silty clay loam, 1 to 3 percent slopes	Ie	IVAN SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
4725	Kipson-Sogn complex, 5 to 30 percent slopes	201KS	KIPSON-SOIGN COMPLEX, 5 TO 30 PERCENT SLOPES
4725	Kipson-Sogn complex, 5 to 30 percent slopes	027KS	KIPSON-SOIGN SILTY CLAY LOAMS, 5 TO 20 PERCENT SLOPES
4781	Tully silty clay loam, 1 to 3 percent slopes	Ts	TULLY SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES
4782	Tully silty clay loam, 1 to 3 percent slopes, eroded	Tt	TULLY SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES, ERODED
4783	Tully silty clay loam, 3 to 7 percent slopes	Tu	TULLY SILTY CLAY LOAM, 4 TO 8 PERCENT SLOPES
4783	Tully silty clay loam, 3 to 7 percent slopes	061TO	TULLY SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES
4784	Tully silty clay loam, 3 to 7 percent slopes, eroded	Tv	TULLY SILTY CLAY LOAM, 4 TO 8 PERCENT SLOPES, ERODED
4832	Wamego silty clay loam, 3 to 7 percent slopes	197WE	WAMEGO SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
7031	Eudora silt loam, occasionally flooded	061EU	EUDORA SILT LOAM, OCCASIONALLY FLOODED
7050	Kennebec silt loam, occasionally flooded	KN	KENNEBEC SILT LOAM, OCCASIONALLY FLOODED

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7050	Kennebec silt loam, occasionally flooded	7050	Kennebec silt loam, occasionally flooded
7050	Kennebec silt loam, occasionally flooded	117KA	KENNEBEC SILT LOAM, OCCASIONALLY FLOODED
7058	Stonehouse-Belvue complex, occasionally flooded	149HS	HAYNIE-SARPY COMPLEX, OCCASIONALLY FLOODED
7058	Stonehouse-Belvue complex, occasionally flooded	7744	Haynie-Sarpy complex, occasionally flooded
7070	Paxico silt loam, frequently flooded	149PS	PAXICO SILT LOAM, FREQUENTLY F
7083	Sarpy loamy fine sand, occasionally flooded	Sa	SARPY LOAMY FINE SAND, 0 TO 4 PERCENT SLOPES, OCCASIONALLY
7088	Stonehouse sand, occasionally flooded	7085	Sarpy sand, frequently flooded
7088	Stonehouse sand, occasionally flooded	149SF	SARPY SAND, FREQUENTLY FLOODED
7123	Eudora silt loam, rarely flooded	Eu	EUDORA SILT LOAM, RARELY FLOO
7170	Reading silt loam, rarely flooded	Rd	READING SILT LOAM, 0 TO 1 PERCE
7173	Reading silty clay loam, rarely flooded	061RE	READING SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES
7174	Reading silt loam, 1 to 3 percent slopes	Re	READING SILT LOAM, 1 TO 3 PERCENT SLOPES, RARELY
7233	Elmont silt loam, 3 to 7 percent slopes	Em	ELMONT SILT LOAM, 3 TO 8 PERCENT SLOPES
7245	Elmont-Clime complex, 5 to 15 percent slopes	En	ELMONT-CLIME COMPLEX, 5 TO 15 PERCENT SLOPES
7415	Mayberry clay loam, 3 to 7 percent slopes	Ma	MAYBERRY CLAY LOAM, 2 TO 6 PERCENT SLOPES
7416	Mayberry clay loam, 3 to 7 percent slopes, eroded	Mb	MAYBERRY CLAY LOAM, 2 TO 6 PERCENT SLOPES, ERODED
7500	Pawnee clay loam, 1 to 3 percent slopes	117PA	PAWNEE CLAY LOAM, 1 TO 4 PERCENT SLOPES
7502	Pawnee clay loam, 3 to 6 percent slopes	197PN	PAWNEE CLAY LOAM, 3 TO 7 PERCENT SLOPES
7502	Pawnee clay loam, 3 to 6 percent slopes	117PB	PAWNEE CLAY LOAM, 4 TO 8 PERCENT SLOPES
7680	Wymore silty clay loam, 0 to 1 percent slopes	Wm	WYMORE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES

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7681	Wymore silty clay loam, 1 to 3 percent slopes	Wn	WYMORE SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES
7682	Wymore silty clay loam, 1 to 3 percent slopes, eroded	Wo	WYMORE SILTY CLAY LOAM, 1 TO 4 PERCENT SLOPES, ERODED
7683	Wymore silty clay loam, 3 to 6 percent slopes	Wr	WYMORE SILTY CLAY LOAM, 4 TO 8 PERCENT SLOPES
7683	Wymore silty clay loam, 3 to 6 percent slopes	7685	Wymore silty clay loam, 6 to 9 percent slopes
7684	Wymore silty clay loam, 3 to 6 percent slopes, eroded	Ws	WYMORE SILTY CLAY LOAM, 4 TO 8 PERCENT SLOPES, ERODED
7684	Wymore silty clay loam, 3 to 6 percent slopes, eroded	7686	Wymore silty clay loam, 6 to 9 percent slopes, eroded
7690	Wymore-Kennebec complex, 0 to 17 percent slopes	Bk	WYMORE-KENNEBEC COMPLEX, 0 TO 17 PERCENT SLOPES
7740	Haynie silt loam, frequently flooded	061HE	HAYNIE SILT LOAM, FREQUENTLY F
7742	Haynie very fine sandy loam, occasionally flooded	Ha	HAYNIE VERY FINE SANDY LOAM, OCCASIONALLY FLOODED
9971	Arents, earthen dam	AED	ARENTS, EARTHEN DAM
9976	Borrow pits	BOP	BORROW PITS
9983	Gravel pits and quarries	QUA	QUARRIES
9986	Miscellaneous water	M-W	MISCELLANEOUS WATER
9999	Water	W	WATER

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.

¹ 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.

² 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.