

## Kansas State Conversion Legend for Ellis County, Kansas

Official Map Unit Symbol	Official Map Unit Name	Old Map Unit Symbol <sup>1 2</sup>	Old Map Unit Name
1520	Badland-Manvel complex, 3 to 20 percent slopes	195BD	BADLAND-MANVEL COMPLEX, 3 TO 20 PERCENT SLOPES
2100	Boel fine sandy loam, occasionally flooded	Bf	BOEL FINE SANDY LOAM, OCCASIONALLY FLOODED
2107	Inavale fine sand, channeled, occasionally flooded	163IC	INAVALE FINE SAND, CHANNELED, OCCASIONALLY FLOODED
2112	Inavale loamy sand, channeled	195IF	INAVALE LOAMY SAND, CHANNELED
2113	Inavale loamy sand, occasionally flooded	In	INAVALE LOAMY SAND, OCCASIONALLY FLOODED
2201	Munjour sandy loam, frequently flooded	2202	Munjour sandy loam, occasionally flooded
2201	Munjour sandy loam, frequently flooded	Mu	MUNJOR SANDY LOAM, FREQUENTLY FLOODED
2225	New Cambria silty clay, frequently flooded	Ac	NEW CAMBRIA SILTY CLAY, FREQUENTLY FLOODED
2234	Roxbury silt loam, channeled	167RC	ROXBURY SILT LOAM, CHANNELED
2235	Roxbury silt loam, frequently flooded	Rf	ROXBURY SILT LOAM, FREQUENTLY FLOODED
2236	Roxbury silt loam, occasionally flooded	163RS	ROXBURY SILT LOAM, OCCASIONALLY FLOODED
2236	Roxbury silt loam, occasionally flooded	167RF	ROXBURY SILT LOAM, OCCASIONALLY FLOODED
2236	Roxbury silt loam, occasionally flooded	ROO	ROXBURY SILT LOAM, OCCASIONALLY FLOODED
2288	Wann loam, occasionally flooded	Wn	WANN LOAM, OCCASIONALLY FLOODED
2345	McCook fine sandy loam, rarely flooded	Mc	MCCOOK FINE SANDY LOAM, RARELY FLOODED

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2347	McCook silt loam, rarely flooded	Md	MCCOOK SILT LOAM, RARELY FLOODED
2366	New Cambria silty clay, rarely flooded	Nc	NEW CAMBRIA SILTY CLAY, RARELY FLOODED
2375	Roxbury silt loam, rarely flooded	Rb	ROXBURY SILT LOAM, RARELY FLOODED
2511	Anselmo fine sandy loam, 3 to 7 percent slopes	Ae	ANSELMO FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES
2518	Armo loam, 1 to 3 percent slopes	Am	ARMO LOAM, 1 TO 3 PERCENT SLOPES
2519	Armo loam, 3 to 7 percent slopes	An	ARMO LOAM, 3 TO 7 PERCENT SLOPES
2520	Armo loam, 3 to 7 percent slopes, eroded	Ao	ARMO LOAM, 3 TO 7 PERCENT SLOPES, ERODED
2521	Armo loam, 7 to 15 percent slopes	Ar	ARMO LOAM, 7 TO 15 PERCENT SLOPES
2524	Armo-Bogue complex, 7 to 20 percent slopes	163AU	ARMO-BOGUE COMPLEX, 7 TO 15 PERCENT SLOPES
2537	Bogue clay, 3 to 8 percent slopes	165BO	BOGUE CLAY, 3 TO 15 PERCENT SLOPES
2537	Bogue clay, 3 to 8 percent slopes	Bg	BOGUE CLAY, 3 TO 8 PERCENT SLOPES
2540	Bogue-Armo complex, 5 to 25 percent slopes	Bo	BOGUE-ARMO COMPLEX, 5 TO 25 PERCENT SLOPES
2546	Brownell gravelly loam, 2 to 10 percent slopes	Br	BROWNELL GRAVELLY LOAM, 2 TO 10 PERCENT SLOPES
2562	Campus-Canlon complex, 3 to 30 percent slopes	195CC	CAMPUS-CANLON LOAMS, 6 TO 30 PERCENT SLOPES
2564	Campus-Carlson complex, 3 to 7 percent slopes	Cc	CAMPUS-CARLSON COMPLEX, 3 TO 7 PERCENT SLOPES

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2566	Campus-Penden complex, 5 to 15 percent slopes	Cd	CAMPUS-PENDEN COMPLEX, 5 TO 15 PERCENT SLOPES
2568	Canlon soils, 5 to 40 percent slopes	Ce	CANLON COMPLEX, 5 TO 25 PERCENT SLOPES
2574	Carlson silt loam, 1 to 3 percent slopes	195CF	CARLSON SILT LOAM, 1 TO 3 PERCENT SLOPES
2590	Corinth silty clay loam, 1 to 3 percent slopes	Cm	CORINTH SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES
2592	Corinth silty clay loam, 3 to 7 percent slopes	Cn	CORINTH SILTY CLAY LOAM, 3 TO 7 PERCENT SLOPES
2594	Corinth silty clay loam, 7 to 15 percent slopes	Co	CORINTH SILTY CLAY LOAM, 7 TO 15 PERCENT SLOPES
2598	Dorrance gravelly sandy loam, 4 to 15 percent slopes	167DR	DORRANCE GRAVELLY SANDY LOAM, 4 TO 15 PERCENT SLOPES
2601	Dorrance sandy loam, 4 to 20 percent slopes	Hn	DORRANCE SANDY LOAM, 5 TO 20 PERCENT SLOPES
2604	Eltree silt loam, 0 to 1 percent slopes	Ee	ELTREE SILT LOAM, 0 TO 1 PERCENT SLOPES
2605	Eltree silt loam, 1 to 3 percent slopes	Ef	ELTREE SILT LOAM, 1 TO 3 PERCENT SLOPES
2606	Eltree silt loam, 3 to 7 percent slopes	Eg	ELTREE SILT LOAM, 3 TO 7 PERCENT SLOPES
2607	Eltree silt loam, 7 to 15 percent slopes	Eh	ELTREE SILT LOAM, 7 TO 15 PERCENT SLOPES
2612	Harney silt loam, 0 to 1 percent slopes	Ha	HARNEY SILT LOAM, 0 TO 1 PERCENT SLOPES
2613	Harney silt loam, 1 to 3 percent slopes	Hb	HARNEY SILT LOAM, 1 TO 3 PERCENT SLOPES

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2614	Harney silt loam, 3 to 7 percent slopes	Hc	HARNEY SILT LOAM, 3 TO 7 PERCENT SLOPES
2617	Harney silty clay loam, 3 to 7 percent slopes, eroded	Hd	HARNEY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES, ERODED
2618	Harney-Armo complex, 3 to 7 percent slopes, eroded	He	HARNEY-ARMO COMPLEX, 3 TO 7 PERCENT SLOPES, ERODED
2619	Harney-Carlson silt loams, 0 to 1 percent slopes	Hf	HARNEY-CARLSON SILT LOAMS, 0 TO 1 PERCENT SLOPES
2620	Harney-Carlson silt loams, 1 to 3 percent slopes	Hg	HARNEY-CARLSON SILT LOAMS, 1 TO 3 PERCENT SLOPES
2622	Harney-Mento complex, 1 to 3 percent slopes	163HD	HARNEY-MENTO SILT LOAMS, 1 TO 3 PERCENT SLOPES
2622	Harney-Mento complex, 1 to 3 percent slopes	HGG	HARNEY-MENTO SILT LOAMS, 1 TO 3 PERCENT SLOPES
2623	Harney-Mento complex, 3 to 7 percent slopes	141HM	HARNEY-MENTO COMPLEX, 3 TO 7 PERCENT SLOPES
2623	Harney-Mento complex, 3 to 7 percent slopes	163HE	HARNEY-MENTO SILT LOAMS, 3 TO 7 PERCENT SLOPES
2631	Harney-Wakeen silt loams, 0 to 1 percent slopes	Hh	HARNEY-WAKEEN SILT LOAMS, 0 TO 1 PERCENT SLOPES
2632	Harney-Wakeen silt loams, 1 to 3 percent slopes	Hk	HARNEY-WAKEEN SILT LOAMS, 1 TO 3 PERCENT SLOPES
2658	Heizer-Armo complex, 8 to 25 percent slopes	HI	HEIZER-ARMO COMPLEX, 8 TO 25 PERCENT SLOPES

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2660	Heizer-Brownell complex, 5 to 30 percent slopes	Ro	HEIZER-BROWNELL COMPLEX, 7 TO 30 PERCENT SLOPES
2660	Heizer-Brownell complex, 5 to 30 percent slopes	163HM	HEIZER-BROWNELL GRAVELLY LOAMS, 5 TO 30 PERCENT SLOPES
2660	Heizer-Brownell complex, 5 to 30 percent slopes	HMM	HEIZER-BROWNELL GRAVELLY LOAMS, 5 TO 30 PERCENT SLOPES
2667	Holdrege silt loam, 0 to 1 percent slopes	Ho	HOLDREGE SILT LOAM, 0 TO 1 PERCENT SLOPES
2668	Holdrege silt loam, 1 to 3 percent slopes	Hp	HOLDREGE SILT LOAM, 1 TO 3 PERCENT SLOPES
2700	Mento silt loam, 0 to 1 percent slopes	Me	MENTO SILT LOAM, 0 TO 1 PERCENT SLOPES
2701	Mento silt loam, 1 to 3 percent slopes	Mf	MENTO SILT LOAM, 1 TO 3 PERCENT SLOPES
2702	Mento silty clay loam, 1 to 3 percent slopes, eroded	Mg	MENTO SILTY CLAY LOAM, 1 TO 3 PERCENT SLOPES, ERODED
2703	Mento soils, 3 to 7 percent slopes, eroded	Mo	MENTO SOILS, 3 TO 7 PERCENT SLOPES, ERODED
2720	Nibson silt loam, 5 to 25 percent slopes	Nn	NIBSON SILT LOAM, 5 TO 12 PERCENT SLOPES
2726	Nibson-Wakeen silt loams, 3 to 20 percent slopes	165NW	NIBSON-WAKEEN SILT LOAMS, 3 TO 20 PERCENT SLOPES
2747	Penden clay loam, 3 to 7 percent slopes	165PE	PENDEN CLAY LOAM, 3 TO 6 PERCENT SLOPES
2747	Penden clay loam, 3 to 7 percent slopes	195PF	PENDEN CLAY LOAM, 3 TO 7 PERCENT SLOPES
2754	Penden loam, 7 to 15 percent slopes	195PO	PENDEN LOAM, 7 TO 15 PERCENT SLOPES

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2815	Uly silt loam, 1 to 3 percent slopes	165UB	ULY SILT LOAM, 1 TO 3 PERCENT SLOPES
2817	Uly silt loam, 3 to 6 percent slopes	UCC	ULY SILT LOAM, 3 TO 6 PERCENT SLOPES
2829	Uly-Roxbury silt loams, 0 to 30 percent slopes	165UR	ULY-ROXBURY SILT LOAMS, 0 TO 15 PERCENT SLOPES
2951	Wakeen silt loam, 1 to 3 percent slopes	Wa	WAKEEN SILT LOAM, 1 TO 3 PERCENT SLOPES
2952	Wakeen silt loam, 1 to 3 percent slopes, eroded	We	WAKEEN SILT LOAM, 1 TO 3 PERCENT SLOPES, ERODED
2953	Wakeen silt loam, 3 to 7 percent slopes	Wh	WAKEEN SILT LOAM, 3 TO 7 PERCENT SLOPES
2954	Wakeen silt loam, 5 to 15 percent slopes, eroded	Wk	WAKEEN SILT LOAM, 5 TO 15 PERCENT SLOPES, ERODED
2955	Wakeen silt loam, 7 to 20 percent slopes	163WX	WAKEEN SILT LOAM, 7 TO 20 PERCENT SLOPES
2957	Wakeen-Harney silt loams, 1 to 3 percent slopes	163WY	WAKEEN-HARNEY SILT LOAMS, 1 TO 3 PERCENT SLOPES
3720	Detroit silt loam, rarely flooded	De	DETROIT SILT LOAM, RARELY FLOODED
3755	Hord silt loam, rarely flooded	Hr	HORD SILT LOAM, RARELY FLOODED
3765	Humbarger loam, channeled	195HU	HUMBARGER LOAM, CHANNELED
3800	Crete silt loam, 0 to 1 percent slopes, loess plains and breaks	167CR	CRETE SILT LOAM, 0 TO 1 PERCENT SLOPES
3800	Crete silt loam, 0 to 1 percent slopes, loess plains and breaks	3824	Crete silt loam, 0 to 1 percent slopes

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3827	Crete silty clay loam, 0 to 1 percent slopes	Cr	CRETE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
9976	Borrow pits	BOP	BORROW PITS
9979	Fluvaquents, occasionally flooded	Ad	FLUVAQUENTS, OCCASIONALLY FLOODED
9982	Fluvents, frequently flooded	Ab	FLUVENTS, FREQUENTLY FLOODED
9983	Gravel pits and quarries	GRP	GRAVEL PITS
9994	Rivers	RIV	RIVERS
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, 2014. 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 "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.