

**Appendage to:
Texas County's HEL List**

Texas County, Missouri Map Symbol and Component Name	Slope percent			Erosion Factors				Ave L	Hel Mapunit
	Low	High	RV	Kw	Kf	T	I		
70022--Tonti	3	8	6	0.37	0.43	4	56	240	HEL
70025--Branson	1	3	2	0.32	0.32	5	56	151	PHEL
70025--Splitlimb	0	2	1	0.37	0.37	5	56	151	PHEL
70026--Tonti	1	3	2	0.37	0.43	4	56	240	PHEL
73000--Pomme	3	8	4	0.32	0.37	5	56	131	HEL
73013--Lowassie	0	3	1	0.37	0.37	5	56	200	NHEL
73017--Bendavis	15	50	33	0.15	0.37	2	56	102	HEL
73017--Poynor	15	35	25	0.28	0.37	3	0	102	HEL
73019--Poynor	3	8	6	0.28	0.37	3	0	102	HEL
73021--Poynor	15	35	25	0.28	0.37	3	0	102	HEL
73023--Mano	1	8	5	0.28	0.43	4	0	203	HEL
73023--Ocie	1	8	5	0.32	0.37	3	0	203	HEL
73024--Mano	8	15	12	0.28	0.43	4	0	203	HEL
73024--Ocie	8	15	12	0.32	0.37	3	0	203	HEL
73032--Gatewood	3	15	9	0.32	0.37	2	0	167	HEL
73033--Gatewood	15	35	25	0.32	0.37	2	0	167	HEL
73051--Winnipeg	2	5	2	0.37	0.37	5	56	151	PHEL
73052--Lily	3	8	6	0.28	0.28	2	56	135	PHEL
73053--Bender	3	15	8	0.1	0.24	2	0	121	HEL
73053--Lily	3	15	8	0.28	0.28	2	56	98	HEL
73054--Viburnum	1	3	2	0.37	0.37	4	48	138	NHEL
73056--Viburnum	8	15	12	0.28	0.37	4	48	151	HEL
73057--Jerktail	1	3	2	0.37	0.37	4	48	141	NHEL
73058--Gunlock	3	8	6	0.37	0.37	4	56	151	PHEL
73063--Poynor	1	8	5	0.28	0.37	3	0	102	PHEL
73063--Bendavis	1	8	5	0.15	0.37	2	56	102	PHEL
73066--Bender	3	15	8	0.17	0.24	2	0	174	HEL
73067--Bender	15	35	33	0.1	0.24	2	0	98	HEL
73068--Tick	3	15	12	0.28	0.37	5	0	115	HEL
73069--Tick	15	50	25	0.28	0.37	5	0	115	HEL
73071--Hogcreek	1	3	2	0.37	0.43	4	56	151	NHEL
73072--Hogcreek	3	8	6	0.37	0.43	4	56	151	PHEL
73073--Poynor	8	15	12	0.28	0.37	3	0	180	HEL
73073--Scholten	8	15	12	0.28	0.37	4	0	180	HEL
73076--Mano	15	35	25	0.28	0.43	4	0	203	HEL
73076--Ocie	15	35	25	0.32	0.37	3	0	203	HEL
73077--Eudy	1	8	5	0.37	0.37	2	0	171	PHEL
73080--Alred	15	60	27	0.1	0.28	4	0	174	HEL
73080--Bardley	15	60	32	0.1	0.28	2	0	174	HEL
73080--Rock outcrop	15	60	32						HEL
73081--Alred	15	50	27	0.1	0.24	4	0	174	HEL
73081--Rock outcrop									HEL
73081--Bender	15	50	40	0.05	0.24	2	0	174	HEL
73087--Celt	1	3	2	0.43	0.43	4	56	151	PHEL
73159--Yelton	3	8	5	0.43	0.43	3	56	144	HEL

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	Low	High	RV	Kw	Kf	T	I		
73176--Bendavis	8	15	12	0.15	0.37	2	0	151	HEL
73176--Poynor	8	15	12	0.28	0.43	3	0	151	HEL
73197--Viburnum	3	8	4	0.37	0.37	4	48	138	PHEL
73198--Gressy	3	8	4	0.37	0.37	5	56	151	PHEL
73198--Viraton	3	8	4	0.43	0.43	4	48	151	PHEL
73199--Moko	3	15	9	0.24	0.37	1	0	151	HEL
73199--Rock outcrop	5	15	10						HEL
73220--Poynor	8	15	12	0.28	0.37	3	0	102	HEL
73221--Poynor	3	35	15	0.28	0.37	3	0	102	HEL
73222--Splitlimb	1	3	2	0.37	0.37	5	56	151	NHEL
73223--Bender	15	50	30	0.05	0.32	2	0	151	HEL
73223--Coulstone	15	50	25	0.05	0.2	3	0	151	HEL
73224--Moko	15	35	25	0.24	0.37	1	0	151	HEL
73224--Rock outcrop	15	50	30						HEL
74626--Tanglenook	0	3	2	0.37	0.37	5	48	151	NHEL
74627--Hartville	1	3	2	0.43	0.43	5	48	285	NHEL
74629--Raftville	1	8	5	0.28	0.28	4	56	135	PHEL
74636--Lecoma	3	8	6	0.32	0.32	5	86	128	PHEL
74637--Lecoma	8	15	10	0.32	0.32	5	56	128	HEL
74677--Deible	0	3	2	0.43	0.43	5	56	151	NHEL
74679--Higdon	0	3	1	0.37	0.37	5	48	125	NHEL
75381--Bearthicket	0	3	2	0.37	0.37	5	56	98	NHEL
75382--Cedargap	0	3	2	0.24	0.32	5	0	92	NHEL
75388--Relfe	0	3	2	0.1	0.17	5	0	98	NHEL
75388--Kaintuck	0	3	2	0.24	0.24	5	86	98	NHEL
75389--Dunning	0	3	1	0.43	0.43	5	86	92	NHEL
75389--Hercules	0	3	2	0.24	0.32	5	0	92	NHEL
75390--Razort	0	3	2	0.43	0.43	5	56	112	NHEL
75391--Possumtrot	0	3	1	0.24	0.24	4	86	98	NHEL
75392--Stultz	0	3	2	0.24	0.32	5	0	112	NHEL
75406--Racket	0	3	2	0.32	0.32	5	56	98	NHEL
75417--Relfe	0	3	2	0.05	0.05	5	0	98	NHEL
75417--Sandbur	0	3	2	0.24	0.24	5	86	98	NHEL
75418--Tilk	0	3	2	0.1	0.2	5	0	141	PHEL
75419--Perche	0	3	1	0.24	0.24	5	56	98	NHEL
75420--Secesh	0	2	1	0.32	0.32	5	56	92	NHEL
75420--Tilk	0	3	2	0.1	0.2	5	48	92	NHEL
99000--Pits, quarries	3	10	35						NHEL
99001--Water									

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RV-Representative Value or average value used in the county.

Kw-Soil erodibility factor for the whole soil. It is a relative value that is used to describe the resistance of a soil to detachment and transport by water. Used in RUSLE2.

Kf-Soil erodibility factor for the fine-earth fraction of the soil. It is a relative value that is used to describe the resistance of a soil to detachment and transport by water. Values in RUSLE were derived from this factor.

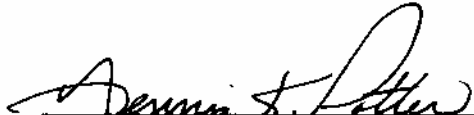
T-Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

I-Wind Erodibility Index. The index number indicates the amount of soil lost in tons per acre per year. Used in the wind erosion equation (WEQ).

Ave L-Average Length (L) of slope. Distance from the point of overland flow to the point of deposition or concentration. Used in the USLE, RUSLE, and RUSLE2 office evaluations. When used in RUSLE and RUSLE2, the value must be "ground truthed" on the next field visit and documented in the case file.

HEL Mapunit-A soil map unit determination.

USLE Rainfall Factor = 250


Dennis K. Potter, State Soil Scientist

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DATE