

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

Douglas 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
73059--Pomme	1	3	2	0.32	0.37	5	56	131	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
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
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
73121--Tonti	1	8	4	0.37	0.43	4	56	240	HEL
73121--Scholten	1	8	4	0.28	0.37	4	0	151	HEL
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
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
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
73225--Ocie	3	8	6	0.32	0.37	3	0	203	HEL
73225--Gatewood	3	8	6	0.32	0.37	2	0	167	HEL
73226--Ocie	3	15	9	0.32	0.37	3	0	203	HEL
73226--Gatewood	3	15	9	0.32	0.37	2	0	167	HEL
73227--Gatewood	15	35	33	0.28	0.37	2	0	151	HEL

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	Low	High	RV	Kw	Kf	T	I		
73227--Ocie	15	35	33	0.32	0.37	3	0	151	HEL
73228--Moko	3	15	9	0.24	0.37	1	0	151	HEL
73228--Gatewood	3	15	9	0.32	0.37	2	0	167	HEL
73229--Gatewood	15	35	25	0.32	0.37	2	0	167	HEL
73229--Moko	15	35	25	0.24	0.37	1	0	151	HEL
73230--Gatewood	15	60	40	0.05	0.43	2	0	167	HEL
73230--Coulstone	15	60	25	0.28	0.37	3	0	151	HEL
73230--Bender	15	60	30	0.17	0.24	2	0	151	HEL
73231--Wasola	3	8	4	0.32	0.37	5	56		HEL
73236--Scholten	3	8	6	0.28	0.37	4	0	151	HEL
73236--Poynor	3	8	5	0.28	0.37	3	0	151	HEL
73237--Clarksville	3	15	9	0.28	0.37	3	0	98	HEL
73242--Tonti	1	8	4	0.37	0.43	4	56	151	PHEL
73242--Fanchon	3	8	4	0.32	0.37	5	56	456	PHEL
73243--Topazmill	3	8	4	0.32	0.32	5	86	151	HEL
73300--Macedonia	3	8	5	0.37	0.37	5	48		HEL
73311--Scholten	8	15	12	0.28	0.37	4	0	151	HEL
73311--Bendavis	8	15	12	0.15	0.37	2	56	151	HEL
73311--Poynor	8	15	12	0.28	0.37	3	0	180	HEL
73325--Clarksville	15	50	35	0.1	0.37	3	56	154	HEL
73326--Topazmill	3	15	10	0.32	0.32	5	56	121	HEL
73326--Coulstone	3	15	10	0.1	0.28	3	0	151	HEL
73327--Topazmill	15	35	20	0.32	0.32	5	56	121	HEL
73327--Coulstone	15	35	20	0.1	0.28	3	0	151	HEL
73328--Scholten	3	8	6	0.28	0.37	4	0	151	HEL
73328--Noark	3	8	6	0.1	0.43	3	0	207	HEL
73329--Mano	3	35	12	0.28	0.43	4	0	203	HEL
73329--Ocie	3	35	12	0.32	0.37	3	0	203	HEL
73331--Pomme	8	15	12	0.32	0.37	5	56	131	HEL
73332--Topazmill	8	15	10	0.32	0.32	5	56	121	HEL
74627--Hartville	1	3	2	0.43	0.43	5	48	285	NHEL
74657--Pomme	1	8	5	0.32	0.37	5	56	131	PHEL
74682--Zanoni	0	3	1	0.24	0.24	4	86	98	NHEL
74683--Cedargap	0	3	1	0.32	0.37	5	0	112	HEL
74683--Razort	1	3	2	0.43	0.43	5	56	112	HEL
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
75390--Razort	0	3	2	0.43	0.43	5	56	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
99001--Water									
99002--Borrow areas	0	4	2				0		

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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.

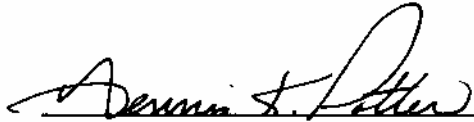
T-Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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

09/18/2006  
DATE