

**Appendage to:
Cedar County's HEL List.**

Cedar County, Missouri	Slope percent			Erosion Factors				Ave L	HEL Mapunit
Map Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
40000-Barden	1	3	2	0.43	0.43	3	48	279	PHEL
40001-Bolivar	3	8	6	0.28	0.28	3	56	217	HEL
40004-Barden	2	5	4	0.43	0.43	3	48	279	PHEL
40005-Sylvania	5	15	10	0.24	0.32	3	56	249	HEL
40006-Barco	2	5	4	0.24	0.24	3	56	249	PHEL
40006-Sylvania	2	5	4	0.32	0.32	3	48	249	PHEL
40007-Eldorado	3	15	9	0.15	0.24	5	38	253	PHEL
40008-Parsons	0	2	1	0.49	0.49	3	48	302	PHEL
40009-Sylvania	5	8	7	0.15	0.2	3	56	279	HEL
40010-Collinsville	3	15	9	0.1	0.15	1	0	276	HEL
40010-Rock outcrop	NR	NR	NR	NR	NR	NR	NR	NR	HEL
44001-Quarles	0	2	1	0.37	0.37	3	48	203	NHEL
46000-Humansville	0	3	1	0.37	0.37	5	48	164	NHEL
66000-Moniteau	0	2	1	0.49	0.49	5	48	161	NHEL
66001-Dameron	0	3	1	0.32	0.32	4	48	102	NHEL
70000-Bona	3	8	6	0.2	0.37	3	0	243	PHEL
70001-Bona	8	15	12	0.17	0.32	3	0	243	HEL
70002-Alsup	3	8	6	0.37	0.55	4	0	217	HEL
70003-Alsup	8	15	12	0.24	0.55	4	0	217	HEL
70004-Alsup	15	35	25	0.28	0.37	4	0	217	HEL
70006-Credon	1	3	2	0.32	0.37	4	56	223	PHEL
70007-Cliquot	8	15	12	0.24	0.37	4	0	217	HEL
70008-Goss	3	8	6	0.28	0.49	2	0	177	HEL
70009-Goss	8	15	12	0.2	0.37	2	0	177	HEL
70010-Goss	15	35	25	0.1	0.32	2	0	177	HEL
70011-Goss	15	35	25	0.17	0.43	2	0	177	HEL
70011-Moko	3	15	9	0.1	0.28	1	0	174	HEL
70012-Hoberg	2	5	4	0.32	0.37	4	48	243	PHEL
70014-Moko	15	35	25	0.1	0.28	1	0	174	HEL
70014-Rock outcrop	15	35	25	NR	NR	NR	0	NR	HEL
70040-Bolivar	3	8	6	0.24	0.28	3	56	217	HEL
70040-Cliquot	3	8	6	0.24	0.28	3	56	217	HEL
70041-Goss	8	15	12	0.1	0.43	2	0	177	HEL
70042-Goss	15	35	25	0.1	0.37	2	0	177	HEL
70043-Rock outcrop	3	15	9	NR	NR	NR	0	NR	HEL
70043-Moko	3	15	9	0.1	0.28	1	0	98	HEL
70043-Sonsac	3	15	9	0.28	0.43	3	0	200	HEL
70044-Sonsac	15	35	25	0.28	0.43	3	0	200	HEL
70044-Moko	15	35	25	0.15	0.24	1	0	174	HEL
70047-Wanda	2	5	4	0.37	0.37	4	48	200	PHEL
70048-Alsup	8	15	12	0.43	0.49	4	48	217	HEL
70052-Arnica	2	5	4	0.24	0.24	5	56	128	PHEL
70053-Courtois	2	5	4	0.28	0.32	4	56	174	PHEL
70054-Cliquot	3	20	12	0.15	0.32	4	0	217	HEL
71254-Cotter	0	2	1	0.37	0.37	5	48	276	NHEL

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	Low	High	RV	Kw	Kf	T	I		
71750-Cleora	0	2	1	0.28	0.28	5	86	203	NHEL
73000-Pomme	3	8	6	0.32	0.37	5	56	151	PHEL
73003-Ocie	15	35	25	0.1	0.37	3	0	203	HEL
73003-Gatewood	15	35	25	0.2	0.43	2	0	167	HEL
73005-Ocie	3	15	9	0.15	0.37	3	0	203	PHEL
73007-Plato	1	3	2	0.55	0.55	4	56	151	PHEL
73008-Viraton	2	5	4	0.43	0.43	4	48	223	PHEL
73059-Pomme	1	3	2	0.37	0.37	5	56	138	NHEL
73075-Hobson	1	3	2	0.37	0.37	4	48	144	PHEL
74625-Hartville	3	8	6	0.37	0.37	5	48	121	HEL
74641-Secesh	0	2	1	0.32	0.37	4	56	207	NHEL
75375-Horsecreek	0	2	1	0.43	0.43	5	56	128	NHEL
75377-Racket	0	3	2	0.28	0.32	5	48	98	NHEL
75378-Sturkie	0	2	1	0.37	0.37	5	56	141	NHEL
99000-Pits	quarries	NR	NR	NR	NR	NR	NR	NR	NR
99001-Water	NR	NR	NR	NR	NR	NR	NR	NR	NR
99004-Kanima	8	50	29	0.17	0.32	2	38	102	HEL
99007-DAM	NR	NR	NR	NR	NR	NR	NR	NR	NR

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.

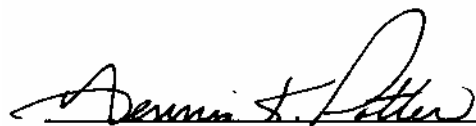
T-Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

I-Wind Erodiability 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.


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09/18/2006
DATE