

Appendage to: Boone County's HEL List

Boone County, Missouri	Slope percent			Erosion Factors				Average L	HEL Map Unit
Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
50000--Adco*	0	2	1	0.55	0.55	3	48	100	PHEL
50001--Armstrong*	5	9	7	0.43	0.43	3	48	150	HEL
50002--Keswick*	5	9	6	0.37	0.37	3	48	150	HEL
50003--Mexico	1	3	1	0.43	0.43	3	48	200	PHEL
50004--Mexico	1	3	1	0.43	0.43	3	48	200	HEL
50005--Mexico	1	3	1	0.43	0.43	3	48	200	PHEL
50006--Vanmeter*	5	14	8	0.28	0.28	3	86	120	HEL
50007--Vanmeter*	14	40	27	0.28	0.28	3	86	120	HEL
50008--Keswick*	5	9	6	0.37	0.37	3	48	150	HEL
50009--Keswick*	9	14	12	0.37	0.37	3	48	120	HEL
50010--Winnegan*	14	20	20	0.37	0.37	5	48	120	HEL
50011--Winnegan*	20	35	29	0.32	0.32	5	48	120	HEL
50012--Putnam	0	1	1	0.43	0.43	3	48	200	PHEL
60003--Menfro	9	14	11	0.37	0.37	5	48	130	HEL
60008--Menfro	20	45	32	0.37	0.37	5	48	100	HEL
60009--Clinkenbeard-Gasconade- Rock outcrop*	35	70	46	0.05	0.28	2	0	100	HEL
60010--Arisburg*	1	3	2	0.49	0.49	5	48	200	NHEL
60011--Arisburg*	3	6	6	0.49	0.49	5	48	150	PHEL
60012--Bardley-Clinkenbeard*	20	45	30	0.28	0.43	2	0	100	HEL
60019--Hatton	2	5	4	0.43	0.43	3	48	120	HEL
60020--Lenzburg*	2	9	5	0.24	0.24	5	86	100	PHEL
60021--Lenzburg*	9	70	68	0.24	0.37	5	86	100	HEL
60022--Leonard*	2	6	3	0.37	0.37	3	48	150	PHEL
60023--Marion	1	3	2	0.43	0.43	3	48	150	PHEL
60024--Menfro	3	9	4	0.37	0.37	5	48	130	HEL
60025--Harvester*	2	9	2	0.43	0.43	5	48	200	PHEL

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60026--Weller*	2	5	2	0.55	0.55	3	48	120	HEL
60027--Weller*	2	5	2	0.55	0.55	3	48	120	HEL
60028--Weller*	5	9	6	0.55	0.55	3	48	120	HEL
60029--Weller*	5	9	6	0.55	0.55	3	48	120	HEL
60030--Winfield	5	9	8	0.37	0.37	5	48	130	HEL
60031--Winfield	9	14	11	0.37	0.37	5	48	130	HEL
60032--Winfield	14	45	35	0.37	0.37	5	48	100	HEL
60033--Wrengart*	5	9	6	0.43	0.43	4	56	150	HEL
60034--Wrengart*	5	14	10	0.43	0.43	4	56	150	HEL
60035--Wrengart*	5	14	10	0.43	0.43	4	56	150	HEL
60036--Menfro	14	20	16	0.37	0.37	5	48	120	HEL
60037--Wrengart*	9	14	12	0.49	0.49	4	56	150	HEL
60038--Rocheport-Bonnefemme*	14	25	17	0.37	0.37	3	56	100	HEL
60039--Rocheport-Bonnefemme*	25	40	33	0.43	0.43	3	56	100	HEL
64002--Freeburg	2	5	2	0.37	0.37	5	48	150	PHEL
64004--Auxvasse*	0	3	2	0.64	0.64	3	56	150	PHEL
64005--Moniteau	0	3	0	0.43	0.43	3	48	100	NHEL
64006--Tanglenook*	1	3	3	0.37	0.37	5	86	120	NHEL
66007--Leta*	0	2	0	0.32	0.32	5	86	150	NHEL
66014--Haymond*	0	3	0	0.55	0.55	5	56	100	NHEL
66015--Blake*	0	2	0	0.43	0.43	5	86	100	NHEL
66016--Blake*	0	2	0	0.32	0.32	5	86	100	NHEL
66017--Cedargap-Dameron*	0	3	0	0.32	0.37	5	48	110	NHEL
66018--Darwin*	0	2	0	0.37	0.37	5	86	100	NHEL
66019--Haynie*	0	2	0	0.55	0.55	5	56	175	NHEL
66020--Haynie*	0	2	0	0.43	0.43	5	86	70	NHEL
66021--Perche*	0	2	0	0.37	0.37	5	56	100	NHEL

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	Low	High	RV	Kw	Kf				
66022--Sandover*	0	2	1	0.02	0.02	5	220	100	NHEL
66023--Sarpy	0	2	1	0.15	0.15	5	220	100	NHEL
66024--Wilbur*	0	2	0	0.43	0.43	5	56	60	NHEL
66025--Jemerson*	0	3	2	0.64	0.64	5	48	120	PHEL
99000--Pits*	0	4	2	NR	NR	NR	NR	NR	HEL

* - New map unit for the survey area.

NR - No Rated.

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 soil to detachment and transport by water. Values in RUSLE were derived from this factor.

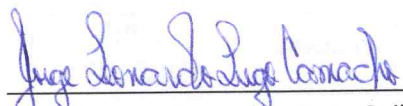
T - Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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 = 225



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03/13/14

Date