

Appendage to: Laclede County's HEL List

Laclede County, Missouri	Slope percent			Erosion Factors				Average L	HEL Map Unit
Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
66000--Moniteau	0	2	1	0.43	0.43	5	48	159	NHEL
70006--Crelton*	1	3	2	0.32	0.32	4	56	200	NHEL
70020--Blueye*	3	8	6	0.32	0.32	2	0	150	HEL
70021--Moko*	50	80	65	0.24	0.37	1	0	75	HEL
70022--Tonti*	3	8	6	0.37	0.43	4	56	200	PHEL
71250--Britwater*	1	3	2	0.37	0.43	5	56	150	NHEL
71251--Britwater*	3	8	6	0.37	0.43	5	56	150	PHEL
73000--Pomme*	3	8	4	0.32	0.37	5	56	130	PHEL
73007--Plato*	1	3	2	0.43	0.43	4	56	150	NHEL
73010--Wilderness	3	8	6	0.28	0.37	2	0	181	PHEL
73013--Lowassie*	0	3	1	0.37	0.37	5	56	200	NHEL
73014--Clarksville	8	15	12	0.15	0.37	3	0	155	HEL
73015--Viraton*	1	3	2	0.43	0.43	4	48	225	PHEL
73016--Viraton*	3	8	6	0.43	0.43	4	48	225	HEL
73017--Bendavis-Poynor*	15	50	33	0.15	0.37	2	56	100	HEL
73018--Clarksville*	15	35	25	0.28	0.37	3	0	150	HEL
73019--Poynor*	3	8	6	0.28	0.37	3	0	100	PHEL
73020--Poynor*	8	15	12	0.28	0.37	3	0	100	HEL
73021--Poynor*	15	35	25	0.28	0.37	3	0	100	HEL
73022--Alred-Bardley*	8	15	12	0.17	0.32	4	0	175	HEL
73023--Mano-Ocie*	1	8	5	0.28	0.43	4	0	200	PHEL
73024--Mano-Ocie*	8	15	12	0.28	0.43	4	0	200	HEL
73025--Gatewood-Ocie*	3	8	6	0.32	0.37	2	0	200	HEL
73026--Gatewood-Ocie*	8	15	12	0.15	0.32	3	0	200	HEL
73027--Gatewood-Ocie*	15	35	33	0.28	0.37	2	0	200	HEL
73028--Rueter--Bardley*	15	60	40	0.28	0.37	3	0	175	HEL

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73029--Gasconade-Gatewood-Rock outcrop*	3	15	9	0.24	0.32	1	0	200	HEL
73030--Gasconade*	35	50	43	0.20	0.32	1	0	150	HEL
73032--Gatewood*	3	15	9	0.32	0.37	2	0	150	HEL
73033--Gatewood*	15	35	25	0.32	0.37	2	0	150	HEL
73051--Winnipeg*	2	5	2	0.37	0.37	5	56	150	PHEL
74626--Tanglenook*	0	3	2	0.37	0.37	5	48	150	NHEL
74627--Hartville*	1	3	2	0.43	0.43	5	48	285	NHEL
75377--Racket	0	3	2	0.32	0.32	5	48	100	NHEL
75379--Kaintuck*	0	3	2	0.24	0.24	5	86	75	NHEL
75380--Dapue*	0	3	2	0.28	0.28	5	56	100	NHEL
75381--Bearthicket*	0	3	2	0.37	0.37	5	56	100	NHEL
75382--Cedargap	0	3	2	0.28	0.28	5	0	113	NHEL
75383--Cedargap	0	3	2	0.32	0.32	5	0	113	NHEL
99000--Pits, quarries	NR	NR	NR	NR	NR	NR	NR	NR	NR
99001--Water	NR	NR	NR	NR	NR	NR	NR	NR	NR
99002--Orthents, borrow area, clayey	NR	NR	NR	NR	NR	NR	NR	NR	NR

* - 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.

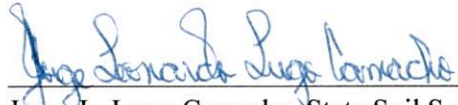
T - Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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 a case file.

HEL Map unit - A soil map unit determination.

USLE Rainfall Factor = 225.



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8/28/2014

Date