

Appendage to: Jefferson County's HEL List

Jefferson County, Missouri	Slope percent			Erosion Factors				Average L	HEL Map Unit
Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
60003--Menfro	8	15	12	0.37	0.37	5	48	110	HEL
60024--Menfro	3	8	6	0.37	0.37	5	48	100	PHEL
60025--Urban land-Harvester*	3	9	6	NR	NR	NR	NR	NR	NR
60037--Wrengart*	9	14	12	0.37	0.37	4	56	100	HEL
60038--Pevely-Holstein*	9	30	20	0.28	0.28	2	56	150	HEL
60039--Pevely*	3	15	9	0.28	0.28	2	56	120	HEL
60040--Pevely*	15	40	25	0.28	0.28	2	56	120	HEL
60041--Brussels-Rock outcrop	35	90	53	0.15	0.15	5	0	60	HEL
60042--Menfro	15	30	22	0.37	0.37	5	48	80	HEL
60043--Menfro	30	50	40	0.37	0.37	5	48	60	HEL
60044--Minnith	3	9	6	0.37	0.37	5	56	100	PHEL
60045--Minnith	9	15	12	0.37	0.37	5	56	110	HEL
60046--Minnith*	15	30	25	0.37	0.37	5	56	110	HEL
60047--Urban land-Harvester*	9	15	12	NR	NR	NR	NR	NR	NR
60048--Weingarten	15	50	35	0.37	0.37	4	56	80	HEL
60049--Urban land-Horsecreek*	2	5	4	NR	NR	NR	NR	NR	NR
60050--Urban land-Deible*	0	3	2	NR	NR	NR	NR	NR	NR
64007--Freeburg	0	2	1	0.37	0.37	5	48	150	NHEL
64008--Freeburg	2	5	3	0.37	0.37	5	48	125	PHEL
64009--Freeburg	5	9	7	0.37	0.37	5	48	125	HEL
66000--Moniteau	0	2	1	0.43	0.43	5	48	120	NHEL
66014--Haymond	0	3	1	0.37	0.37	5	56	90	NHEL
66020--Haynie	0	2	1	0.37	0.37	5	86	100	PHEL
66024--Wilbur	0	2	1	0.37	0.37	5	56	150	NHEL
66050--Tice*	0	2	1	0.32	0.32	5	38	100	NHEL
66051--Perche*	0	2	1	0.37	0.37	5	56	150	NHEL

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66052--Waldron	0	2	1	0.32	0.32	5	38	150	NHEL
66053--Fishpot-Urban land*	0	3	1	0.37	0.37	5	48	120	NHEL
73046--Wrengart*	3	8	6	0.37	0.37	4	56	160	PHEL
73090--Useful*	3	8	6	0.37	0.37	4	48	140	PHEL
73200--Sonsac	3	15	8	0.24	0.24	2	0	120	HEL
73201--Sonsac	15	40	30	0.24	0.24	2	0	80	HEL
73202--Rueter	3	15	9	0.28	0.28	3	0	150	PHEL
73203--Rueter-Sonsac	15	55	35	0.28	0.28	3	0	80	HEL
73204--Ramsey-Rock outcrop	8	50	35	0.20	0.20	1	86	60	HEL
73205--Useful*	8	15	12	0.37	0.37	4	48	120	HEL
73206--Useful*	15	40	30	0.37	0.37	4	48	120	HEL
73207--Caneyville	3	8	6	0.43	0.43	3	56	150	HEL
73208--Caneyville	8	15	12	0.43	0.43	3	56	80	HEL
73209--Caneyville	15	30	22	0.43	0.43	3	56	80	HEL
73210--Goss	15	50	32	0.24	0.24	2	0	60	HEL
73211--Gasconade-Rock outcrop	3	15	9	0.20	0.20	2	0	100	PHEL
73212--Gasconade-Rock outcrop	15	50	33	0.20	0.20	2	0	60	HEL
73213--Moko-Rock outcrop	3	15	9	0.24	0.24	1	0	100	HEL
73214--Moko-Rock outcrop	15	50	32	0.24	0.24	1	0	60	HEL
73215--Crider	3	8	6	0.32	0.32	5	48	120	PHEL
73216--Crider	8	15	12	0.32	0.32	5	48	135	HEL
73217--Useful-Sonsac*	15	50	35	0.37	0.37	4	48	100	HEL
73218--Tiff*	1	20	10	0.28	0.20	5	0	120	PHEL
73219--Rueter	15	55	35	0.28	0.28	3	0	80	HEL
74644--Deible*	1	3	2	0.43	0.43	3	56	250	PHEL
74675--Horsecreek*	2	5	3	0.43	0.43	5	56	150	PHEL
74676--Urban land-Freeburg*	2	5	3	NR	NR	NR	NR	NR	NR

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75375--Horsecreek*	0	2	1	0.43	0.43	5	56	130	NHEL	
75385--Gabriel	0	2	1	0.32	0.32	5	48	130	NHEL	
75390--Razort*	0	3	2	0.37	0.43	5	56	150	NHEL	
75398--Kaintuck	0	3	2	0.24	0.24	5	86	120	NHEL	
75450--Bloomsdale	0	3	2	0.37	0.37	4	0	75	NHEL	
75452--Gladden*	0	3	2	0.32	0.32	4	56	75	NHEL	
75453--Sturkie*	0	2	1	0.37	0.37	5	56	200	NHEL	
75454--Urban land-Razort*	0	5	3	NR	NR	NR	NR	NR	NR	
99000--Pits, quarries*	NR	NR	NR	NR	NR	NR	NR	NR	NR	
99001--Water*	NR	NR	NR	NR	NR	NR	NR	NR	NR	
99003--Miscellaneous water*	NR	NR	NR	NR	NR	NR	NR	NR	NR	
99005--Landfills*	NR	NR	NR	NR	NR	NR	NR	NR	NR	
99009--Udorthents-Pits*	0	4	2	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.

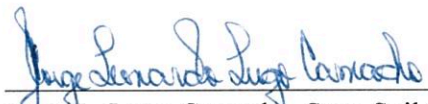
Kf - Soil erodibility factor for the fine-earth fraction of the soil. It is a relative value that is used to describe the resistance of soil to detachment and transport by water. Values in RUSLE were derived from this factor.

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 acase file.
HEL Map unit - A soil map unit determination.
USLE Rainfall Factor = 225.



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3/31/2014

Date