

Appendage to: Bollinger County's HEL List

Bollinger County, Missouri	Slope percent			Erosion Factors				Average L	HEL Map Unit
Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
60033--Wrengart*	5	9	6	0.43	0.43	4	56	150	HEL
60046--Minnith*	15	30	25	0.37	0.37	5	56	115	HEL
60053--Winfield*	3	9	5	0.49	0.49	5	56	150	PHEL
60054--Minnith*	8	15	12	0.43	0.43	5	56	115	HEL
60055--Winfield*	2	5	3.5	0.37	0.37	5	48	175	PHEL
66000--Moniteau*	0	3	2	0.55	0.55	5	48	100	NHEL
66054--Wakeland	0	2	1	0.37	0.37	5	56	100	NHEL
66055--Haymond*	0	3	1.5	0.49	0.49	5	56	100	NHEL
73055--Alred-Reuter*	15	35	25	0.20	0.43	4	0	100	HEL
73100--Wrengart*	2	5	4	0.43	0.43	4	56	150	PHEL
73101--Wrengart*	5	9	7	0.43	0.43	4	56	150	HEL
73139--Poynor-Clarksville-Scholten	8	15	12	0.28	0.28	5	0	120	HEL
73140--Clarksville-Scholten	15	45	30	0.28	0.28	3	0	100	HEL
73141--Firebaugh*	3	8	6	0.55	0.55	4	56	175	HEL
73145--Crider*	3	8	5	0.49	0.49	5	56	100	PHEL
73146--Marquand*	3	8	6	0.43	0.43	5	56	200	PHEL
73150--Caneyville-Bucklick*	8	15	12	0.32	0.37	2	56	150	HEL
73151--Caneyville-Gasconade-Bucklick*	15	25	20	0.32	0.51	2	56	100	HEL
73156--Alred-Gepp*	8	15	12	0.15	0.37	4	0	200	HEL
73157--Captina	3	8	6	0.43	0.43	3	56	130	HEL
73223--Coulstone-Bender*	15	50	25	0.05	0.2	3	56	150	HEL
73264--Alred-Wrengart*	15	35	25	0.37	0.55	4	0	100	HEL
73265--Captina-Scholten	3	8	6	0.43	0.43	3	56	130	HEL
73266--Hildebrecht	9	14	12	0.43	0.43	4	56	120	HEL
73267--Yelton-Scholten*	8	15	12	0.32	0.37	3	56	150	HEL
73269--Brussels-Gasconade*	30	90	53	0.15	0.28	5	0	180	HEL

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73270--Wrengart*	9	14	12	0.49	0.49	4	56	120	HEL
73343--Captina	3	8	6	0.43	0.43	3	56	130	HEL
73344--Captina	8	15	12	0.43	0.43	3	56	130	HEL
73345--Hildebrecht	5	9	7	0.43	0.43	4	56	130	HEL
73346--Hildebrecht	5	9	7	0.43	0.43	4	56	130	HEL
74644--Deible*	1	3	2	0.55	0.55	3	56	250	PHEL
74646--Cornwall*	3	8	6	0.49	0.49	4	56	175	HEL
74648--Aslinger*	3	8	6	0.43	0.43	4	56	250	HEL
74649--Aslinger-Waben*	3	15	9	0.37	0.43	4	56	150	PHEL
74679--Higdon*	0	3	1.5	0.55	0.55	5	56	175	PHEL
74680--Moniteau*	0	3	2	0.55	0.55	5	48	100	NHEL
74685--Auxvasse	2	5	4	0.43	0.43	3	56	125	PHEL
75379--Kaintuck*	0	3	2	0.37	0.37	5	86	75	NHEL
75381--Bearthicket*	0	3	1.5	0.43	0.43	5	56	250	PHEL
75395--Jamesfin*	0	3	1	0.37	0.37	5	56	100	NHEL
75408--Secesh	0	3	1.5	0.32	0.32	4	56	200	PHEL
75409--Relfe*	0	3	2	0.02	0.05	5	0	100	NHEL
75411--Tilk*	0	3	2	0.05	0.20	5	0	200	NHEL
75416--Gladden*	0	3	2	0.32	0.32	4	86	75	NHEL
75417--Relfe-Sandbur*	0	3	2	0.05	0.17	5	56	100	NHEL
75426--Gabriel*	0	3	1	0.37	0.37	5	48	75	NHEL
75428--Tilk-Cornwall-Poynor*	0	3	3	0.05	0.15	5	0	200	NHEL
75429--Tilk-Secesh*	0	3	1	0.15	0.24	5	56	200	NHEL
75430--Wideman*	0	3	2	0.17	0.17	5	180	100	NHEL
75451--Gladden*	0	3	1	0.37	0.37	4	56	120	NHEL
75467--Wilbur	0	3	1	0.37	0.37	5	56	100	NHEL
75468--Elsah	0	3	2	0.37	0.37	3	56	100	PHEL

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77000--Killarney-Frenchmill*	15	45	30	0.15	0.37	4	0	175	HEL
77002--Delassus*	3	8	6	0.49	0.49	3	56	175	HEL
77005--Hassler-Syenite*	8	25	16	0.24	0.28	3	56	100	HEL
77008--Hassler*	3	15	8	0.28	0.37	3	56	250	HEL
80000--Calhoun	0	1	0.5	0.49	0.49	5	56	100	NHEL
80001--Oaklimeter*	0	1	0.5	0.43	0.43	5	56	75	NHEL
82000--Dubbs	0	1	0.5	0.37	0.37	5	56	150	PHEL
82001--Amagon	0	1	1	0.43	0.43	5	56	100	NHEL
82002--Forestdale	0	1	1	0.37	0.37	5	38	100	NHEL
82005--Malden*	0	3	2	0.05	0.17	5	134	150	NHEL
82006--Bosket	1	5	3	0.24	0.24	5	86	150	NHEL
82007--Bosket	0	3	2	0.24	0.24	5	86	150	NHEL
82009--Forestdale	0	1	0.5	0.37	0.37	5	38	100	NHEL
82010--Amagon	0	1	1	0.43	0.43	5	56	100	NHEL
82011--Crowley	0	1	0.5	0.49	0.49	5	56	150	NHEL
86000--Dubbs	0	3	2	0.37	0.37	5	56	150	PHEL
86001--Calhoun	0	1	0.5	0.49	0.49	5	56	100	NHEL
86002--Falaya	0	1	1	0.49	0.49	5	56	100	NHEL
86003--Amagon	0	1	1	0.43	0.43	5	56	100	NHEL
86004--Forestdale	0	1	1	0.37	0.37	5	38	100	NHEL
90000--Memphis	3	8	6	0.49	0.49	5	56	130	HEL
90001--Memphis	8	15	12	0.49	0.49	5	56	120	HEL
99015--Udorthents*	0	2	1	NR	NR	NR	NR	NR	NHEL

* - 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.

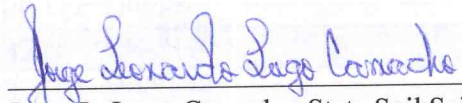
T - Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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 = 250.



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3/13/2014

Date