

Appendage to: Reynolds County's HEL List

Reynolds County, Missouri	Slope percent			Erosion Factors				Average L	HEL Map Unit
Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
73042--Niangua-Bardley*	15	50	33	0.24	0.49	3	0	100	HEL
73055--Alred-Rueter*	15	35	25	0.20	0.43	4	0	100	HEL
73139--Poynor-Clarksville-Scholten*	8	15	12	0.15	0.32	3	0	120	HEL
73140--Clarksville-Scholten	15	45	30	0.28	0.28	3	0	100	HEL
73143--Courtois*	3	8	5	0.28	0.43	4	56	175	PHEL
73144--Courtois*	8	15	11	0.28	0.43	4	56	150	HEL
73147--Fourche	3	8	5	0.37	0.37	5	56	130	HEL
73155--Gasconade-Rock outcrop*	3	35	18	0.15	0.15	1	0	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
73159--Yelton*	3	8	5	0.43	0.43	3	56	140	HEL
73197--Viburnum	3	8	4	0.37	0.37	4	48	130	PHEL
73222--Splitlimb*	1	3	2	0.43	0.43	5	56	150	NHEL
73223--Coulstone-Bender	15	50	25	0.24	0.24	3	56	100	HEL
73269--Brussels-Gasconade-Rock outcrop*	30	90	53	0.15	0.28	5	0	180	HEL
73290--Gatewood-Aaron	3	8	6	0.32	0.32	3	56	130	HEL
73291--Gatewood-Aaron	8	15	12	0.32	0.32	3	56	120	HEL
73295--Taterhill*	2	8	4	0.43	0.43	5	56	140	PHEL
73298--Tonti-Hogcreek*	3	8	4	0.43	0.55	4	56	240	HEL
73310--Scholten-Bendavis-Poynor*	4	11	5	0.20	0.49	4	0	150	PHEL
73311--Scholten-Bendavis-Poynor*	8	15	12	0.24	0.49	4	0	150	HEL
73333--Taterhill*	1	3	2	0.43	0.43	5	56	150	NHEL
73334--Horneybuck*	3	8	5	0.37	0.37	5	56	220	PHEL
73335--Hobson	3	8	6	0.37	0.37	4	48	130	PHEL
73336--Rueter*	8	15	12	0.15	0.37	3	0	150	HEL

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73337--Tonti-Portia*	3	8	6	0.37	0.43	4	56	240	HEL
73338--Portia-Hobson*	8	15	10	0.43	0.43	5	56	100	HEL
73339--Arkana-Gepp*	8	15	12	0.15	0.32	2	0	150	HEL
73340--Rueter-Gepp*	8	15	12	0.15	0.37	3	0	150	HEL
73341--Gepp-Arkana*	15	55	35	0.10	0.24	4	0	150	HEL
73342--Alred-Arkana*	8	15	12	0.15	0.32	4	0	150	HEL
74636--Lecoma*	3	8	6	0.32	0.32	5	86	130	PHEL
74637--Lecoma*	8	15	10	0.32	0.32	5	56	130	HEL
74643--Lecoma*	1	3	2	0.37	0.37	5	56	100	NHEL
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
74651--Waben*	3	8	6	0.20	0.32	4	0	140	PHEL
74658--Zanoni*	0	3	1	0.17	0.20	4	86	100	NHEL
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
75381--Bearthicket*	0	3	1.5	0.43	0.43	5	56	250	PHEL
75394--Relfe	0	3	2	0.17	0.17	5	0	150	NHEL
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	150	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	0.24	0.24	4	86	150	NHEL
75417--Relfe-Sandbur*	0	3	2	0.05	0.17	5	0	100	NHEL
75426--Gabriel*	0	3	1	0.37	0.37	5	48	75	NHEL
75428--Tilk-Cornwal-Poynor*	0	3	3	0.05	0.15	5	0	200	NHEL

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75429--Tilk-Secesh*	0	3	1	0.15	0.24	5	56	210	NHEL
75430--Wideman	0	3	2	0.17	0.17	5	180	150	NHEL
75432--Batcave-Farewell*	0	3	1	0.10	0.20	5	38	100	NHEL
75451--Gladden	0	3	1	0.24	0.24	4	56	150	NHEL
75462--Huzzah*	0	3	1	0.20	0.20	5	56	100	NHEL
75463--Huzzah*	0	3	2	0.20	0.20	5	48	100	NHEL
75464--Cedargap*	0	3	1	0.10	0.15	5	0	110	NHEL
75465--Raftville-Gabriel*	0	3	2	0.32	0.32	4	NR	130	NHEL
75466--Midco	0	3	2	0.28	0.28	5	0	150	NHEL
75470--Farewell*	0	3	1.5	0.43	0.43	5	86	100	NHEL
77000--Killarney-Frenchmill	15	45	30	0.10	0.10	4	0	100	HEL
77003--Delassus*	8	15	12	0.24	0.37	3	56	175	HEL
77004--Irontale	15	35	25	0.17	0.17	4	0	100	HEL
77007--Taumsauk-Irontale-Rock outcrop	15	45	25	0.32	0.32	2	0	100	HEL
77009--Trackler*	3	8	6	0.37	0.37	3	56	100	HEL
77011--Taumsauk-Irontale-Rock outcrop*	3	15	9	0.20	0.37	1	0	100	HEL
77012--Mudlick-Irontale-Killarney*	15	45	20	0.24	0.37	4	0	100	HEL
77013--Mudlick*	8	15	12	0.20	0.37	4	0	100	HEL
99006--Psamments	1	8	3	NR	NR	NR	NR	NR	NR
99007--Dam	NR	NR	NR	NR	NR	NR	NR	NR	NR
99010--Pits and Dumps	0	4	2	NR	NR	NR	NR	NR	NR
99013--Riverwash	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.

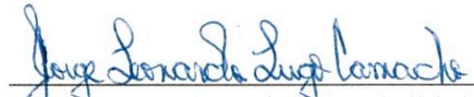
T - Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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 = 250.



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4/7/2014

Date