

Appendage to: Wayne County's HEL List

Wayne County, Missouri	Slope percent			Erosion Factors				Average L	HEL Map Unit
Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
60053--Winfield*	3	9	5	0.49	0.49	5	56	150	PHEL
66054--Wakeland*	0	2	1	0.49	0.49	5	56	100	NHEL
66055--Haymond	0	3	1.5	0.37	0.37	5	56	88	NHEL
73055--Alred-Reuter*	15	35	25	0.17	0.43	4	0	100	HEL
73073--Scholten-Poynor*	8	15	12	0.20	0.49	4	38	180	HEL
73139--Poynor-Clarksville-Scholten	8	15	12	0.28	0.28	3	0	101	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
73143--Courtois	3	8	5	0.37	0.37	4	56	150	PHEL
73144--Courtois	8	15	11	0.37	0.37	4	56	150	HEL
73145--Crider	3	8	5	0.32	0.32	5	56	147	PHEL
73146--Marquand*	3	8	6	0.43	0.43	5	56	200	PHEL
73147--Fourche	3	8	5	0.37	0.37	5	56	150	PHEL
73149--Caneyville-Bucklick*	3	8	6	0.32	0.32	2	56	175	HEL
73150--Caneyville-Bucklick*	8	15	12	0.32	0.32	2	56	150	HEL
73151--Caneyville-Gasconade-Bucklick*	15	25	20	0.32	0.32	2	56	100	HEL
73155--Gasconade-Rock outcrop	3	35	18	0.32	0.32	2	0	174	HEL
73156--Alred-Gepp*	8	15	12	0.10	0.32	4	0	200	HEL
73157--Captina	3	8	6	0.43	0.43	3	56	104	PHEL
73159--Yelton*	3	8	5	0.43	0.43	3	56	140	HEL
73223--Coulstone-Bender*	15	50	25	0.05	0.20	3	0	150	HEL
73264--Alred-Wrengart*	15	35	25	0.20	0.49	4	0	100	HEL
73265--Captina-Scholten	3	8	6	0.43	0.43	3	56	104	PHEL
73266--Hildebrecht	9	14	12	0.43	0.43	4	56	145	HEL
73267--Yelton-Scholten*	8	15	12	0.32	0.32	3	56	150	HEL

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73269--Brussels-Gasconade-Rock outcrop*	30	90	53	0.15	0.28	5	0	180	HEL
73270--Wrengart*	9	14	12	0.43	0.43	4	56	130	HEL
74644--Deible*	1	3	2	0.43	0.43	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	0.43	0.43	4	56	150	HEL
74679--Higdon*	0	3	1.5	0.49	0.49	5	56	175	PHEL
74680--Moniteau*	0	3	2	0.55	0.55	5	48	100	NHEL
75379--Kaintuck	0	3	2	0.24	0.24	5	86	100	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	0.24	0.32	5	56	200	NHEL
75409--Relfe*	0	3	2	0.02	0.05	5	0	100	NHEL
75410--Relfe*	0	3	2	0.02	0.05	5	0	100	NHEL
75411--Tilk*	0	3	2	0.10	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	210	NHEL
75430--Wideman	0	3	2	0.17	0.17	5	180	100	NHEL
75431--Westerville-Kaintuck*	0	3	1	0.37	0.37	5	48	100	NHEL
75451--Gladden*	0	3	1	0.37	0.37	4	56	130	NHEL
75461--Kaintuck	0	3	2	0.24	0.24	5	86	100	NHEL
77000--Killarney-Frenchmill*	15	45	30	0.10	0.32	4	0	175	HEL
77002--Delassus*	3	8	6	0.37	0.37	3	56	175	HEL

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77004--Irondale	15	35	25	0.17	0.17	4	0	193	HEL
77007--Taumsauk-Irondale-Rock outcrop*	15	45	25	0.17	0.32	1	0	100	HEL
77010--Trackler-Irondale*	8	15	11	0.43	0.43	2	0	100	HEL
77012--Mudlick-Irondale-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
80000--Calhoun	0	1	0.5	0.49	0.49	5	56	244	NHEL
80001--Oaklimeter*	0	1	0.5	0.43	0.43	5	56	75	NHEL
82000--Dubbs*	0	1	0.5	0.55	0.55	5	56	150	NHEL
82001--Amagon	0	1	1	0.43	0.43	5	56	200	NHEL
82002--Forestdale	0	1	1	0.37	0.37	5	38	100	NHEL
99005--Landfill pits*	NR	NR	NR	NR	NR	NR	NR	NR	NR
99010--Pits-Dumps*	NR	NR	NR	NR	NR	NR	NR	NR	NR
99013--Riverwash*	NR	NR	NR	NR	NR	NR	NR	NR	NR
99015--Udorthents*	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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3/25/2014
Date