

Appendage to: Morgan County's HEL List

Morgan County, Missouri	Slope percent			Erosion Factors				Average L	HEL Map Unit
Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
15002--McGirk*	1	3	2	0.43	0.43	3	48	150	PHEL
66000--Moniteau	0	2	1	0.43	0.43	5	48	150	NHEL
70008--Goss	3	8	6	0.24	0.24	2	0	180	HEL
70009--Goss	8	15	12	0.24	0.24	2	0	180	HEL
70023--Eldon*	3	8	6	0.24	0.28	3	0	220	PHEL
70024--Goss	15	35	25	0.24	0.24	2	0	180	HEL
70028--Moko-Rock outcrop*	3	15	9	0.24	0.43	1	0	100	HEL
70046--Sacville*	2	5	4	0.32	0.32	4	48	130	PHEL
73012--Gravois*	3	8	6	0.37	0.37	4	56	160	PHEL
73034--Gravois*	3	8	6	0.37	0.37	4	56	160	PHEL
73035--Gravois*	8	15	11	0.37	0.37	4	56	130	HEL
73036--Willowfork*	0	3	2	0.32	0.32	5	56	150	NHEL
73037--Friendly*	1	3	2	0.37	0.37	3	48	200	PHEL
73038--Glensted	0	1	0.5	0.32	0.32	3	48	180	PHEL
73039--Glensted*	1	3	2	0.32	0.32	3	48	180	PHEL
73040--Maplewood	2	5	3	0.37	0.37	3	48	180	PHEL
73041--Maplewood*	5	9	7	0.37	0.37	3	48	180	HEL
73042--Niangua-Bardley	15	50	33	0.24	0.37	3	0	250	HEL
73043--Hartville*	3	8	6	0.43	0.43	5	48	120	PHEL
73044--Crestmeade	0	2	1	0.37	0.37	3	48	250	NHEL
73045--Crestmeade*	1	3	2	0.37	0.37	3	48	250	PHEL
73046--Wrengart*	3	8	6	0.37	0.37	4	56	160	PHEL
73047--Bardley-Moko*	3	15	9	0.28	0.37	2	0	190	HEL
73048--Rueter*	3	8	6	0.28	0.37	3	0	160	PHEL
73050--Rock outcrop-Bardley*	35	99	67	NR	NR	NR	NR	NR	NR
73112--Gunlock*	3	8	6	0.37	0.37	4	56	150	PHEL

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Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
73136--Union*	1	3	2	0.43	0.43	4	56	120	NHEL
73137--Clafork*	2	5	4	0.32	0.32	3	48	150	PHEL
73138--Clafork*	2	5	4	0.32	0.32	3	48	130	PHEL
73190--Winnipeg*	3	8	6	0.37	0.37	5	56	150	PHEL
75376--Cedargap	0	3	1	0.32	0.32	5	0	110	NHEL
75378--Sturkie	0	2	1	0.37	0.37	5	56	150	NHEL
75384--Healing	0	3	2	0.37	0.37	5	56	130	NHEL
75385--Gabriel*	0	2	1	0.32	0.32	5	48	130	NHEL
75386--Speed*	0	3	2	0.32	0.32	5	56	130	NHEL
75387--Hacreek*	0	2	1	0.32	0.32	5	48	130	NHEL
75415--Jemerson*	0	3	2	0.37	0.37	5	48	180	NHEL
75421--Racket*	0	3	2	0.32	0.32	5	48	170	NHEL
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

* - 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.

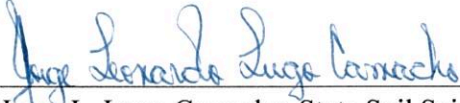
I - Wind Erodibility Index. The index number indicates the amount of soil lost in tons per acre per year. Used in the wind erosion

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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