

Appendage to: Livingston County's HEL List

Livingston County, Missouri Map Unit Symbol and Component Name	Slope percent			Erosion Factors				Average L	HEL Map Unit
	Low	High	RV	Kw	Kf	T	I		
100--Orthents*	0	8	4	0.32	NR	5	48	150	PHEL
10A--Sturges*	0	3	2	0.55	0.55	3	48	215	PHEL
12A--Crestmeade*	0	3	1	0.49	0.49	3	48	210	PHEL
14B--Grundy*	2	5	4	0.37	0.37	3	48	215	PHEL
20F--Locksprings*	9	30	11	0.24	0.28	2	48	100	HEL
21B--Weller*	2	7	4	0.37	0.37	3	48	180	PHEL
22C--Weller*	3	9	6	0.37	0.37	3	48	200	HEL
26C2--Chillicothe*	5	9	7	0.37	0.37	5	48	250	HEL
28C--Greenton*	5	9	7	0.37	0.37	3	38	220	HEL
28D2--Greenton*	9	14	10	0.24	0.24	3	38	200	HEL
30B--Sampsel	1	5	4	0.37	0.37	3	38	224	HEL
34B2--Lagonda	2	5	4	0.37	0.37	3	48	200	PHEL
34C2--Lagonda	5	9	7	0.37	0.37	3	38	200	PHEL
36D2--Lamoni	9	14	9	0.32	0.32	3	38	200	HEL
62D2--Caleb*	9	14	10	0.64	0.64	5	48	150	HEL
70C2--Dawn*	5	9	8	0.32	0.32	4	86	160	HEL
72F--Gosport	14	35	23	0.43	0.43	3	38	126	HEL
73--Sandover*	0	2	1	0.20	0.20	5	86	90	NHEL
74--Dockery*	0	2	1	0.49	0.49	5	48	200	NHEL
78--Colo	0	2	1	0.28	0.28	5	48	121	NHEL
80--Tice*	0	2	1	0.64	0.64	5	48	130	NHEL
81--Tice*	0	2	1	0.20	0.20	5	38	130	NHEL
82A--Triplett*	1	3	2	0.37	0.37	3	48	210	PHEL
84--Vesser*	0	2	1	0.43	0.43	5	48	185	NHEL
92--Carlow	0	2	1	0.37	0.37	5	86	98	NHEL
94--Zook	0	2	1	0.28	0.28	5	38	126	NHEL
98--Wabash	0	1	0	0.28	0.28	5	86	160	NHEL

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Livingston County, Missouri	Slope percent			Erosion Factors				Average L	HEL Map Unit
	Map Unit Symbol and Component Name	Low	High	RV	Kw	Kf	T	I	
99F--Putco*	9	50	11	0.28	NR	5	86	130	HEL

* - 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.

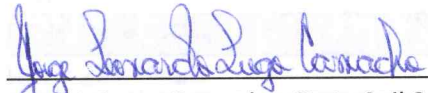
T - Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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 the case file.

HEL Mapunit - A soil map unit determination.

USLE Rainfall Factor = 200



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Date