

**Appendage to:
Stone County's HEL List**

Stone County, Missouri Map Symbol and Component Name	Slope percent			Erosion Factors				Ave L	Hel Mapunit
	Low	High	RV	Kw	Kf	T	I		
70030--Noark	3	8	6	0.1	0.43	3	0	207	HEL
70030--Clarksville	3	8	6	0.15	0.37	3	0	154	HEL
70031--Rueter	15	35	25	0.15	0.37	3	0	154	HEL
70031--Hailey	15	35	25	0.05	0.28	3	0	154	HEL
70032--Tonti	1	3	2	0.28	0.43	4	56	200	NHEL
70033--Moko	8	15	11	0.24	0.43	1	0	151	HEL
70033--Rock outcrop	8	15	11					151	HEL
70034--Moko	15	50	32	0.05	0.24	1	0	151	HEL
70034--Blueeye	15	30	22	0.1	0.32	2	0	151	HEL
70034--Rock outcrop	15	30	22					151	HEL
70035--Gobbler	15	20	18	0.15	0.37	3	0	200	HEL
70035--Sonsac	15	20	18	0.15	0.28	2	0	200	HEL
70036--Sonsac	20	35	30	0.15	0.28	2	0	200	HEL
70036--Gobbler	20	30	25	0.1	0.37	3	0	200	HEL
70037--Rueter	35	70	50	0.05	0.37	3	0	154	HEL
70037--Sonsac	35	70	50	0.1	0.37	2	0	200	HEL
70038--Moko	3	8	6	0.1	0.28	1	0	151	HEL
70038--Rock outcrop	3	8	6					151	HEL
70050--Rueter	8	15	12	0.15	0.37	3	0	154	HEL
70050--Goss	8	15	12	0.1	0.37	3	0	180	HEL
70051--Hailey	15	35	25	0.05	0.28	3	0	154	HEL
70051--Rueter	15	35	25	0.15	0.37	3	0	154	HEL
71252--Britwater	3	8	6	0.24	0.37	5	56	151	PHEL
73070--Sowcoon, Frequently Ponded	0	3	2	0.37	0.37	5	56	98	NHEL
73113--Scholten	3	8	6	0.15	0.37	2	0	180	PHEL
73114--Captina	1	3	2	0.37	0.43	3	56	299	NHEL
73115--Horneybuck	3	8	5	0.28	0.37	4	56	220	PHEL
73115--Tonti	3	8	5	0.28	0.43	4	56	240	PHEL
73116--Pomme	2	5	4	0.32	0.37	5	56	151	PHEL
73117--Clarksville	3	15	8	0.1	0.37	3	0	174	HEL
73117--Scholten	3	15	8	0.15	0.37	2	0	174	HEL
73117--Hailey	3	15	8	0.1	0.37	3	0	174	HEL
73118--Rueter	8	20	12	0.15	0.37	3	0	154	HEL
73118--Goss	8	20	12	0.1	0.37	3	0	177	HEL
73119--Rueter	35	60	48	0.1	0.37	3	0	154	HEL
73119--Hailey	35	60	48	0.05	0.28	3	0	154	HEL
73120--Rueter	35	60	48	0.1	0.37	3	0	154	HEL
73120--Gasconade	35	60	45	0.1	0.32	1	0	174	HEL
73120--Rock outcrop	35	60	45					174	HEL
73121--Tonti	3	8	5	0.32	0.37	3	56	240	HEL
73121--Scholten	3	8	5	0.32	0.37	2	0	240	HEL
73122--Gasconade	50	90	75	0.05	0.28	1	0	174	HEL
73122--Rock outcrop	50	90	75					174	HEL
73123--Mano	3	15	9	0.24	0.37	4	0	102	PHEL
73123--Ocie	3	15	9	0.15	0.37	3	0	102	PHEL

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	Low	High	RV	Kw	Kf	T	I		
73124--Ocie	15	35	25	0.24	0.37	3	0	102	HEL
73124--Alred	15	50	27	0.15	0.37	4	0	102	HEL
73125--Knobby	3	15	9	0.05	0.28	1	0	151	PHEL
73125--Rock outcrop	3	15	9					151	PHEL
73126--Knobby	15	50	33	0.1	0.28	1	0	151	HEL
73126--Rock outcrop	15	50	33					151	HEL
73127--Sonsac	3	8	7	0.24	0.37	2	0	167	HEL
73127--Gobbler	3	8	6	0.24	0.37	3	0	167	HEL
73128--Gobbler	8	15	12	0.17	0.37	3	0	203	HEL
73128--Sonsac	8	15	12	0.15	0.28	2	0	167	HEL
73129--Blueye	3	8	6	0.1	0.32	2	0	207	HEL
73129--Gasconade	3	8	6	0.15	0.24	1	0	207	HEL
73130--Gasconade	8	15	11	0.1	0.24	1	0	151	HEL
73131--Blueye	15	20	17	0.1	0.32	2	0	121	HEL
73131--Gasconade	15	20	17	0.1	0.28	1	0	121	HEL
73132--Gasconade	20	35	28	0.1	0.28	1	0	112	HEL
73133--Alred	3	8	6	0.15	0.32	4	0	121	PHEL
73133--Ocie	3	8	6	0.32	0.37	3	0		PHEL
73134--Ocie	8	15	12	0.17	0.37	3	0	102	HEL
73134--Sonsac	8	15	12	0.15	0.28	3	0	200	HEL
73134--Alred	8	15	12	0.15	0.37	4	0	102	HEL
74638--Waben	3	8	6	0.17	0.37	5	0	138	PHEL
74639--Waben	8	15	12	0.05	0.43	5	0	138	HEL
74640--Hootentown	0	3	2	0.37	0.37	5	56	200	NHEL
75401--Horsecreek	0	3	1	0.32	0.32	5	56	121	NHEL
75401--Jamesfin	0	3	1	0.32	0.32	5	56	121	NHEL
75402--Pinerun	0	3	2	0.32	0.37	5	0	115	NHEL
75403--Cedargap	0	3	2	0.1	0.32	5	0	115	NHEL
75403--Woolly	0	5	3	0.17	0.24	3	0	115	NHEL
75404--Pinerun	0	3	2	0.1	0.32	5	0	115	NHEL
75405--Waben	3	5	4	0.17	0.37	5	0	141	NHEL
75405--Pinerun	0	3	2	0.1	0.32	5	0	115	NHEL
99000--Pits, quarries									
99001--Water									
99005--Landfill pits	0	4	2				0		

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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 a soil to detachment and transport by water. Values in RUSLE were derived from this factor.

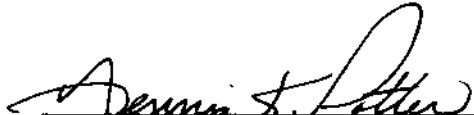
T-Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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 = 250


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DATE