

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

Dade County, Missouri	Slope percent			Erosion Factors				Ave L	Hel Mapunit
	Map Symbol and Component Name	Low	High	RV	Kw	Kf	T		
15003--Rock outcrop	3	15	6						HEL
15003--Basehor	3	15	6	0.17	0.17	2	86	194	HEL
15004--Basehor	8	35	22	0.15	0.15	1	0	194	HEL
40000--Barden	1	3	2	0.43	0.43	3	48	279	PHEL
40003--Woodson	1	3	2	0.43	0.43	3	48	223	PHEL
40004--Barden	2	5	4	0.43	0.43	3	48	279	PHEL
40005--Sylvania	5	15	10	0.24	0.32	3	56	249	HEL
40006--Barco	2	5	4	0.24	0.24	3	56	249	PHEL
40006--Sylvania	2	5	4	0.32	0.32	3	48	249	PHEL
40007--Eldorado	3	15	9	0.15	0.24	5	38	253	PHEL
40008--Parsons	0	2	1	0.49	0.49	3	48	302	PHEL
44000--Cherokee	0	1	0	0.49	0.49	3	48	299	NHEL
46001--Verdigris	0	1	0	0.32	0.32	5	48	98	NHEL
46002--Hepler	0	1	0	0.37	0.37	5	48	174	NHEL
66001--Dameron	0	3	1	0.32	0.32	4	48	105	NHEL
70000--Bona	3	8	6	0.2	0.37	3	0	243	PHEL
70006--Crelton	1	3	2	0.32	0.37	4	56	223	PHEL
70007--Cliquot	8	15	12	0.24	0.37	4	0	217	HEL
70008--Goss	3	8	6	0.28	0.49	2	0	177	HEL
70009--Goss	8	15	12	0.2	0.37	2	0	177	HEL
70010--Goss	15	35	25	0.1	0.32	2	0	177	HEL
70012--Hoberg	2	5	4	0.32	0.37	4	48	243	PHEL
70014--Moko	15	35	25	0.1	0.28	1	0	174	HEL
70014--Rock outcrop	15	35	25				0		HEL
70040--Bolivar	3	8	6	0.24	0.28	3	56	217	HEL
70040--Cliquot	3	8	6	0.24	0.28	3	56	217	HEL
70041--Goss	8	15	12	0.1	0.43	2	0	177	HEL
70042--Goss	15	35	25	0.1	0.37	2	0	177	HEL
70043--Rock outcrop	3	15	9				0		HEL
70043--Moko	3	15	9	0.1	0.28	1	0	98	HEL
70043--Sonsac	3	15	9	0.28	0.43	3	0	200	HEL
70044--Sonsac	15	35	25	0.28	0.43	3	0	200	HEL
70044--Moko	15	35	25	0.15	0.24	1	0	174	HEL
70045--Keeno	3	8	6	0.24	0.37	4	0	262	PHEL
70047--Wanda	2	5	4	0.37	0.37	4	48	200	PHEL
70048--Alsup	8	15	12	0.43	0.49	4	48	217	HEL
73000--Pomme	3	8	6	0.32	0.37	5	56	151	PHEL
73008--Viraton	2	5	4	0.43	0.43	4	48	223	PHEL
73010--Wilderness	3	8	3	0.32	0.49	3	0	180	HEL
73031--Gerald	0	2	1	0.64	0.64	4	48	302	PHEL
73059--Pomme	1	3	2	0.37	0.37	5	56	138	NHEL
73065--Wilderness	3	8	4	0.15	0.43	3	0	180	PHEL
73075--Hobson	1	3	2	0.37	0.37	4	48	144	PHEL
74625--Hartville	3	8	6	0.37	0.37	5	48	121	HEL
74641--Secesh	0	2	1	0.32	0.37	4	56	207	NHEL

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Dade County, Missouri	Slope percent			Erosion Factors				Ave L	Hel Mapunit
	Low	High	RV	Kw	Kf	T	I		
Map Symbol and Component Name									
75378--Sturkie	0	2	1	0.37	0.37	5	56	157	NHEL
99000--Pits, quarries									
99001--Water									
99004--Kanima	8	50	29	0.17	0.32	2	38	102	HEL

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.

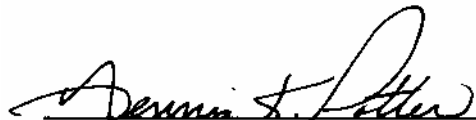
T-Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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