

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

McDonald County, Missouri Map Symbol and Component Name	Slope percent			Erosion Factors				Ave L	Hel Mapunit
	Low	High	RV	Kw	Kf	T	I		
70067--Pembroke, karst	1	3	2	0.32	0.32	5	56	200	NHEL
70068--Jollymill, karst	1	3	2	0.1	0.37	3	0	154	NHEL
70068--Crackerneck, karst	1	3	2	0.24	0.37	3	0	154	NHEL
70068--Bendavis, karst	1	3	2	0.28	0.37	2	0	144	PHEL
70069--Crackerneck, karst	3	8	5	0.24	0.37	3	56	125	PHEL
70069--Jollymill, karst	3	8	4	0.1	0.37	3	0	154	PHEL
70070--Hailey, karst	3	15	9	0.1	0.37	3	0	174	PHEL
70070--Crackerneck, karst	3	15	9	0.1	0.37	3	56	174	PHEL
70071--Viburnum	1	3	2	0.32	0.37	4	56	220	NHEL
70071--Sowcoon	0	3	1	0.37	0.37	5	56	98	NHEL
70072--Pomme	3	15	9	0.28	0.37	5	56	151	PHEL
70072--Rueter	3	15	9	0.15	0.37	3	0	154	PHEL
70073--Beemont	5	20	13	0.32	0.37	3	0	167	HEL
70074--Townhole	1	5	3	0.24	0.37	3		220	PHEL
70075--Waben	3	8	6	0.05	0.37	5	0	141	PHEL
70076--Noark	3	15	9	0.1	0.37	3	0	207	PHEL
70076--Clarksville	3	15	9	0.15	0.37	3	0	207	PHEL
70077--Flagspring	3	15	9	0.05	0.37	3	0	203	PHEL
70078--Goss	8	20	14	0.05	0.37	3	0	177	HEL
70078--Rueter	8	20	14	0.05	0.37	3	0	154	HEL
70079--Viburnum	1	3	2	0.37	0.37	4	56	220	PHEL
70079--Crackerneck	1	3	2	0.15	0.37	3		154	PHEL
70080--Noark, karst	3	8	6	0.2	0.37	3	0	207	HEL
70080--Clarksville, karst	3	8	6	0.28	0.37	3	0	154	HEL
70080--Crackerneck, karst	3	8	6	0.1	0.37	3	56	125	HEL
70081--Rueter	15	35	25	0.05	0.37	3	0	207	HEL
70081--Goss	15	35	25	0.05	0.37	3	0	177	HEL
70081--Jollymill	15	35	25	0.15	0.37	3	0	154	HEL
70082--Friendly	1	3	2	0.37	0.37	3	48	554	PHEL
70082--Paintbrush	1	3	2	0.37	0.37	4	48	203	PHEL
70083--Eldorado	3	8	5	0.1	0.32	5	38	253	HEL
70150--Rock outcrop									HEL
70150--Moko	50	10	75	0.05	0.24	1	0	98	HEL
71253--Hartville	1	3	2	0.24	0.37	4	48	285	NHEL
71255--Britwater	2	5	4	0.24	0.37	5	56	151	PHEL
71256--Aslinger	3	8	6	0.32	0.37	4	56	249	PHEL
71256--Townhole	3	8	6	0.28	0.37	3		220	PHEL
71257--Townhole, karst	1	3	2	0.32	0.37	3		220	PHEL
71257--Aslinger, karst	1	3	2	0.28	0.37	5	56	151	PHEL
71258--Maplegrove	1	3	2	0.49	0.49	3	56	98	PHEL
71258--Carl	0	1	0	0.37	0.37	5	86	299	PHEL
71752--Bearthicket	0	3	2	0.37	0.37	5	56	151	NHEL
71753--Pinerun	0	3	2	0.37	0.37	5	0	112	NHEL
71753--Cedargap	0	3	1	0.05	0.32	5	0	112	NHEL

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	Low	High	RV	Kw	Kf	T	I		
71754--Cedargap	0	3	1	0.05	0.28	5	0	75	PHEL
71754--Waben	2	5	4	0.05	0.37	5	0	141	PHEL
71755--Cedargap	0	3	1	0.05	0.28	5	0	75	NHEL
71755--Gladden	0	3	2	0.28	0.28	4	86	75	NHEL
73116--Pomme	2	5	4	0.28	0.37	5	56	151	PHEL
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									HEL
73349--Boskydell	8	20	15	0.1	0.37	3	0	217	HEL
73350--Clinkenbeard	3	8	6	0.05	0.24	2	0		PHEL
73350--Gobbler	3	8	6	0.2	0.37	3	0	167	PHEL
73351--Sonsac	15	35	25	0.05	0.37	2	0	203	HEL
73351--Rueter	15	35	25	0.1	0.37	3	0	154	HEL
73352--Bendavis	3	15	9	0.05	0.37	2	0	151	PHEL
73352--Jollymill	3	15	9	0.15	0.37	3	0	154	PHEL
73353--Hailey	35	60	48	0.05	0.37	3	0	154	HEL
73353--Sonsac	35	60	48	0.05	0.37	2	0	151	HEL
73355--Moko	3	15	9	0.05	0.24	1	0	151	PHEL
73355--Blueye	3	15	9	0.15	0.24	2	0	151	PHEL
73356--Moko	14	50	32	0.05	0.24	1	0	98	HEL
73356--Rock outcrop									HEL
73357--Moko	35	10	68	0.05	0.24	1	0	151	HEL
73357--Rock outcrop								151	HEL
73357--Boskydell	35	75	68	0.1	0.28	3	38	151	HEL
73358--Moko	3	8	5	0.1	0.24	1	0	253	PHEL
73358--Eldorado	3	8	5	0.1	0.32	5	38	253	PHEL
73359--Bona	8	15	12	0.05	0.28	3	0	797	PHEL
73359--Moko	8	15	12	0.1	0.24	1	0	253	PHEL
74640--Hootentown	0	3	2	0.32	0.37	5	56	200	NHEL
99000--Pits, quarries									
99001--Water									
99003--Miscellaneous water									
99007--Dam									
99016--Water								174	
99016--Riverwash	0	4	2				0	174	

**Appendage to:
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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.

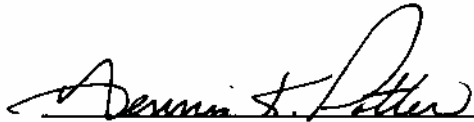
T-Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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