

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

Oregon County, Missouri	Slope percent			Erosion Factors				Ave L	HEL Mapunit
Map Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
70025--Branson	1	3	2	0.43	0.43	5	56	151	PHEL
70025--Splitlimb	0	2	1	0.43	0.43	5	56	151	PHEL
71250--Britwater	1	3	2	0.37	0.43	5	56	151	NHEL
73000--Pomme	3	8	4	0.37	0.37	5	56	131	HEL
73013--Lowassie	0	3	1	0.55	0.55	5	56	200	NHEL
73051--Winnipeg	2	5	2	0.49	0.49	5	56	151	PHEL
73068--Tick	3	15	12	0.15	0.37	5	38	115	HEL
73069--Tick	15	50	25	0.1	0.37	5	0	115	HEL
73073--Poynor	8	15	12	0.15	0.43	3	38	180	HEL
73073--Scholten	8	15	12	0.2	0.49	4	38	180	HEL
73080--Alred	15	60	27	0.1	0.28	4	0	174	HEL
73080--Bardley	15	60	32	0.05	0.2	2	0	174	HEL
73080--Rock outcrop									HEL
73198--Gressy	3	8	4	0.37	0.43	5	56	151	PHEL
73198--Viraton	3	8	4	0.43	0.49	4	48	151	PHEL
73199--Moko	3	15	9	0.05	0.24	1	0	151	HEL
73199--Rock outcrop									HEL
73221--Poynor	3	35	15	0.15	0.49	3	38	102	HEL
73222--Splitlimb	1	3	2	0.43	0.43	5	56	151	NHEL
73223--Bender	15	50	30	0.05	0.32	2	0	151	HEL
73223--Coulstone	15	50	25	0.05	0.2	3	56	151	HEL
73226--Ocie	3	15	9	0.17	0.49	3	38	203	HEL
73226--Gatewood	3	15	9	0.17	0.43	2	38	167	HEL
73227--Gatewood	15	35	33	0.17	0.49	2	38	151	HEL
73227--Ocie	15	35	33	0.17	0.49	3	38	151	HEL
73230--Gatewood	15	60	40	0.05	0.43	2	0	167	HEL
73230--Coulstone	15	60	25	0.28	0.37	3	0	151	HEL
73230--Bender	15	60	30	0.17	0.24	2	0	151	HEL
73231--Wasola	1	8	4	0.43	0.55	5	56	151	HEL
73234--Alred	15	35	25	0.05	0.24	4	0	174	HEL
73234--Gatewood	15	35	33	0.17	0.49	2	0	151	HEL
73236--Scholten	3	8	6	0.24	0.49	4	38	151	HEL
73236--Poynor	3	8	5	0.15	0.43	3	38	151	HEL
73242--Tonti	1	8	4	0.37	0.49	4	56	151	PHEL
73242--Fanchon	3	8	4	0.32	0.37	5	56	456	PHEL
73243--Topazmill	3	8	4	0.37	0.37	5	86	151	HEL
73245--Alred	1	8	5	0.15	0.43	4	38	203	HEL
73246--Alred	8	15	12	0.15	0.43	4	38	203	HEL
73247--Alred	15	35	25	0.1	0.43	4	0	174	HEL
73248--Alred	8	15	12	0.05	0.24	4	0	174	HEL
73248--Bendavis	8	15	12	0.15	0.49	2	38	151	HEL
73249--Ocie	15	35	25	0.17	0.49	3	38	203	HEL
73249--Bendavis	15	50	33	0.15	0.49	2	38	102	HEL
73249--Alred	15	35	25	0.05	0.24	4	0	174	HEL
73295--Taterhill	3	8	4	0.43	0.43	5	56	138	PHEL

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

Oregon County, Missouri	Slope percent			Erosion Factors				Ave L	HEL Mapunit
Map Symbol and Component Name	Low	High	RV	Kw	Kf	T	I		
73297--Poynor	15	35	25	0.1	0.43	3	38	151	HEL
73297--Scholten	15	35	25	0.24	0.49	4	48	151	HEL
73298--Hogcreek	3	8	4	0.43	0.49	4	56	151	HEL
73298--Tonti	3	8	4	0.43	0.55	4	56	240	HEL
73300--Macedonia	3	8	5	0.24	0.37	5	48	131	HEL
73301--Tick	3	8	5	0.17	0.37	5	38	115	HEL
73303--Egyptgrove	3	8	4	0.37	0.43	5	48	151	HEL
73303--Kenaga	3	8	4	0.37	0.37	5	48	151	HEL
73305--Egyptgrove	3	8	4	0.37	0.43	5	48	151	HEL
73308--Grandgulf	1	3	2	0.43	0.43	5	56	164	NHEL
73309--Bendavis	15	35	30	0.15	0.37	2	56	102	HEL
73309--Clarksville	15	35	20	0.1	0.37	3	56	154	HEL
73310--Scholten	1	8	5	0.2	0.49	4	38	151	HEL
73310--Poynor	1	8	4	0.15	0.43	3	38	151	HEL
73310--Bendavis	1	8	5	0.28	0.49	2	56	102	HEL
73311--Scholten	8	15	12	0.24	0.49	4	38	151	HEL
73311--Bendavis	8	15	12	0.15	0.49	2	56	151	HEL
73311--Poynor	8	15	12	0.2	0.43	3	38	180	HEL
73312--Alred	1	8	5	0.1	0.43	4	38	203	HEL
73312--Bendavis	1	8	5	0.28	0.49	2	48	102	HEL
73317--Tonti	3	8	4	0.43	0.55	4	56	240	HEL
73317--Taterhill	2	8	4	0.37	0.43	5	56	138	HEL
73318--Bender	15	60	30	0.17	0.24	2	0	151	HEL
73318--Moko	3	15	9	0.05	0.2	1	0	151	HEL
73318--Rock outcrop	5	15	10						HEL
73321--Alred	1	8	5	0.2	0.43	4	0	203	PHEL
73321--Gatewood	1	8	5	0.17	0.43	2	0	167	PHEL
73322--Alred	8	15	12	0.17	0.43	4	0	203	HEL
73322--Gatewood	8	15	12	0.17	0.43	2	0	167	HEL
74626--Tanglenook	0	3	1	0.37	0.37	5	48	151	NHEL
74648--Aslinger	3	8	5	0.32	0.37	5	56	125	HEL
74658--Zanoni	0	3	1	0.17	0.2	4	86	98	NHEL
74677--Deible	0	3	1	0.49	0.49	5	56	151	NHEL
74679--Higdon	0	3	1	0.43	0.43	5	48	125	NHEL
74681--Lostpond	1	3	2	0.32	0.32	4	48	154	HEL
74690--Moniteau	0	2	1	0.49	0.49	5	48	131	NHEL
75381--Bearthicket	0	3	2	0.43	0.43	5	56	98	NHEL
75390--Razort	0	3	2	0.43	0.49	5	56	112	NHEL
75391--Possumtrot	0	3	1	0.24	0.28	4	86	98	NHEL
75394--Relfe	0	3	2	0.1	0.17	5	0	98	NHEL
75396--Wideman	0	3	1	0.02	0.02	5	86	98	NHEL
75396--Sandbur	0	3	2	0.2	0.2	5	86	98	NHEL
75396--Relfe	0	3	2	0.05	0.17	5	0	98	NHEL
75408--Secesh	0	3	2	0.32	0.37	5	56	92	NHEL

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

Oregon County, Missouri Map Symbol and Component Name	Slope percent		RV	Erosion Factors				Ave L	HEL Mapunit
	Low	High		Kw	Kf	T	I		
75417--Relfe	0	3	2	0.05	0.17	5	56	98	NHEL
75417--Sandbur	0	3	2	0.24	0.24	5	86	98	NHEL
75418--Tilk	0	3	1	0.1	0.28	5	38	141	PHEL
75420--Secesh	0	2	1	0.37	0.37	5	56	92	NHEL
75420--Tilk	0	3	2	0.1	0.24	5	48	92	NHEL
75432--Batcave	0	3	1	0.1	0.2	5	38	98	NHEL
75432--Farewell	0	3	1	0.24	0.24	5	48	98	NHEL
75433--Racket	0	2	1	0.2	0.24	5	48	673	NHEL
99001--Water									
99002--Borrow areas	0	4	2				0		

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.

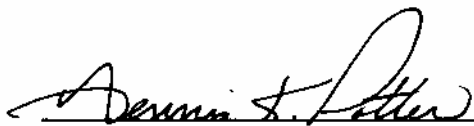
T-Soil loss tolerance. Maximum amount [Tons (T)] of annual erosion that can occur on the soil and still maintain a quality growth medium for plants.

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


Dennis K. Potter, State Soil Scientist

09/18/2006
DATE