ADAIR COUNTY UPDATE HEL SOIL DATABASE (10/2015)

SOIL SERIES	MAP SYMBOLS	SURFACE TEXTURE	Kw (K)	Kf	T factor	RUSLE R factor	USLE R factor	CRL. LS	SLOPE length RANGE	SLOPE LENGTH	% SLOPE USED	LS FACTOR	HEL DET. HE- highly erodible N - not erodible P - Potentially HE	HYDRIC DET. H - hydric I - inclusions N - not hydric
Carpenter	CaC	gr-sil	0.2	0.32	4	190	200	0.800	100-200	150	9	1.45	HE	N
Carpenter-Lenberg	CbE					190	200		50-150	100	26	5.89	HE	N
Carpenter		gr-sil	2	0.32	4	190	200	0.080						
Lenberg		sil	0.43	0.43	3	190	200	0.279						
Chagrin	Cg	fsl	0.24	0.24	5	190	200	0.833	50-150	100	1	0.13	N - not erodible	N
Culleoka-Weikert	CwB					190	200		50-150	100	4	0.4	HE	N
Culleoka		cn-sil	0.24	0.37	2	190	200	0.333						
Weikert		cn-sil	0.28	0.49	2	190	200	0.286						
Dunning	Du	sicl	0.37	0.37	5	190	200	0.541	25-100	50	1	0.11	N - not erodible	H - hydric
Etowah	EwB	sil	0.37	0.37	5	190	200	0.541	50-150	100	4	0.4	N - not erodible	N
Etowah	EwC	sil	0.37	0.37	5	190	200	0.541	50-150	100	9	1.18	HE	N
Frankstown	FkB	gr-sil	0.24	0.37	4	190	200	0.667	50-150	100	4	0.4	N - not erodible	N
Frankstown	FkC2	gr-sil	0.24	0.37	4	190	200	0.667	50-150	100	9	1.18	HE	N
Frankstown	FkD2	gr-sil	0.24	0.37	4	190	200	0.667	50-150	100	16	2.84	HE	N
Frederick	FrB2	sil	0.37	0.37	5	190	200	0.541	100-200	150	4	0.47	N - not erodible	N
Frederick	FrC2	sil	0.37	0.37	5	190	200	0.541	100-200	150	9	1.45	HE	N
Frederick	FrD2	sil	0.37	0.37	5	190	200	0.541	50-150	100	16	2.84	HE	N
Frederick-Caneyville	FvE					190	200		50-150	100	30	7.95	HE	N
Frederick		sil	0.37	0.37	5	190	200	0.541						
Caneyville		sil	0.43	0.43	2	190	200	0.186						
Garmon	GaF	cn-sil	0.24	0.32	2	190	200	0.333	50-150	100	45	15.24	HE	N
Gilpin	GpB	cn-sil	0.28	0.43	2	190	200	0.286	50-150	100	4	0.4	HE	N
Gilpin	GpC	cn-sil	0.28	0.43	2	190	200	0.286	50-150	100	9	1.18	HE	N
Gilpin	GpD	cn-sil	0.28	0.43	2	190	200	0.286	50-150	100	16	2.84	HE	N
Johnsburg	Jo	sil	0.49	0.49	4	190	200	0.327	65-200	130	1	0.14	N - not erodible	N
Lawrence	La	sil	0.37	0.37	4	190	200	0.432	25-150	100	1	0.13	N - not erodible	I - inclusions
Lindside	Ld	sil	0.37	0.37	5	190	200	0.541	25-150	100	1	0.13	N - not erodible	N
Lonewood	LoB	loam	0.32	0.32	4	190	200	0.500	100-200	150	4	0.47	N - not erodible	N
Lonewood	LoC	loam	0.32	0.32	4	190	200	0.500	50-150	100	9	1.18	HE	N
Melvin	Me	sil	0.37	0.37	5	190	200	0.541	25-150	100	1	0.13	N - not erodible	H - hydric
Melvin	Mp	sil	0.37	0.37	5	190	200	0.541	25-150	100	0.5	0.1	N - not erodible	H - hydric
Needmore	NeB	sil	0.43	0.43	3	190	200	0.279	50-115	82	4	0.37	HE	N
Needmore	NeC2	sil	0.43	0.43	3	190	200	0.279	50-115	82	9	1.06	HE	N
Needmore	NeD3	sicl	0.32	0.32	2	190	200	0.250	50-115	82	16	2.54	HE	N
Needmore	NfD	sil	0.43	0.43	3	190	200	0.279	50-115	82	14	2.05	HE	N
Newark	Nk	sil	0.37	0.37	5	190	200	0.541	50-150	100	1	0.13	N - not erodible	I - inclusions
Nolin	No	sil	0.37	0.37	5	190	200	0.541	100-200	150	1	0.15	N - not erodible	N

ADAIR COUNTY UPDATE HEL SOIL DATABASE (10/2015)

SOIL SERIES	MAP SYMBOLS	SURFACE TEXTURE	Kw (K)	Kf	T factor	RUSLE R factor	USLE R factor	CRL. LS	SLOPE length RANGE	SLOPE LENGTH	% SLOPE USED	LS FACTOR	HEL DET. HE- highly erodible N - not erodible P - Potentially HE	HYDRIC DET. H - hydric I - inclusions N - not hydric
Otwood	OtA	sil	0.43	0.43	4	190	200	0.372	100-200	150	1	0.15	N - not erodible	N
Otwood	OtB	sil	0.43	0.43	4	190	200	0.372	100-200	150	4	0.47	HE	N
Otwood	OtC2	sil	0.43	0.43	4	190	200	0.372	82-150	115	9	1.27	HE	N
Pits, Quarry	Pq					190	200							
Pricetown	PrB	sil	0.37	0.37	5	190	200	0.541	100-250	165	4	0.48	N - not erodible	N
Pricetown	PrC	sil	0.37	0.37	5	190	200	0.541	100-200	150	9	1.45	HE	N
Riney	RnB	loam	0.28	0.28	4	190	200	0.571	82-150	115	4	0.43	N - not erodible	N
Riney	RnC	loam	0.28	0.28	4	190	200	0.571	65-130	100	9	1.18	HE	N
Robertsville	Ro	sil	0.43	0.43	3	190	200	0.279	50-100	75	1	0.12	N - not erodible	**H - hydric**
Rock outcrop-Caneyville	RpD					190	200		50-150	100	12	1.8	HE	N
Rock outcrop						190	200							
Caneyville		sil	0.43	0.43	2	190	200	0.186						
Rohan	RsF	cn-sil	0.2	0.49	1	190	200	0.200	50-100	75	40	10.94	HE	N
Sano	Sa	sil	0.43	0.43	4	190	200	0.372	100-200	150	2.5	0.19	N - not erodible	N
Skidmore	Sk	gr-l	0.15	0.28	3	190	200	0.800	50-150	100	1	0.13	N - not erodible	N
Tarklin	TaB	gr-sil	0.24	0.37	3	190	200	0.500	100-200	150	4	0.47	N - not erodible	N
Tarklin	TaC	gr-sil	0.24	0.37	3	190	200	0.500	100-200	150	9	1.45	HE	N
Teddy	TeB	sil	0.37	0.37	4	190	200	0.432	100-200	150	4	0.47	HE	N
Udarents-Urban land	Ud					190	200		32-150	100	11	1.59		N
Urban land	Ur					190	200		32-150	100	12	1.8		N
Urban land-Frederick-Pricetow	Us					190	200		32-100	65	11	1.23	HE	N
Urban land						190	200							
Frederick		sil	0.37	0.37	5	190	200	0.541						
Pricetown		sil	0.49	0.49	5	190	200	0.408						
Urban land-Weikert-Culleoka	Uw					190	200		32-100	65	11	1.23	HE	N
Urban land						190	200							
Weikert		cn-sil	0.28	0.49	2	190	200	0.286						
Culleoka		cn-sil	0.24	0.37	2	190	200	0.333						
Water	W					190	200							N
Weikert-Culleoka	WcC					190	200		82-150	115	9	1.27	HE	N
Weikert		cn-sil	0.28	0.49	2	190	200	0.286						
Culleoka		cn-sil	0.17	0.37	2	190	200	0.471						
Weikert-Culleoka	WcD					190	200		82-150	115	16	2.98	HE	N
Weikert		cn-sil	0.28	0.49	2	190	200	0.286						
Culleoka		cn-sil	0.17	0.37	2	190	200	0.471						
Yosemite	Yo	gr-sil	0.2	0.32	3	190	200	0.600	25-150	82	1	0.12	N - not erodible	N