GRAYSON COUNTY 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	HYDRI DET. H - hydric I - inclusions N - not hydric
Allegheny	AeB	SIL	0.32	0.32	5	190	175	0.71	100-250	200	4	0.53	N - not erodible	N - not hydric
Allegheny	AeC	SIL	0.32	0.32	5	190	175	0.71	100-200	150	10	1.68	HE- highly erodible	N - not hydric
Miscellaneous (borrow areas, quarries,	B.P.													
mine spoil) (urban land)														
Baxter	BcC3	GR-SICL	0.17	0.37	4	190	175	1.08	50-200	150	10	1.68	HE-highly erodible	N-not hydric
Baxter	BcD3	GR-SICL	0.15	0.28	4	190	175	1.22	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Burgin (blago)	Bu	SICL	0.28	0.28	5	190	175	0.82	100-300	200	1	0.16	N-not erodible	H-hydric
Caneyville	CcB	SICL	0.28	0.28	2	190	175	0.33	100-250	200	4	0.53	HE-highly erodible	N-not hydric
Caneyville	CcC	SICL	0.28	0.28	2	190	175	0.33	100-200	150	10	1.68	HE-highly erodible	N-not hydric
Caneyville	CcD	SICL	0.28	0.28	2	190	175	0.33	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Caneyville	CeD	SICL	0.28	0.28	2	190	175	0.33	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Caneyville	CeF	SICL	0.28	0.28	2	190	175	0.33	50-150	100	30	10.3	HE-highly erodible	N-not hydric
Caneyville	ClD3	SIC	0.2	0.2	1	190	175	0.23	50-150	100	14	2.3	HE-highly erodible	N-not hydric
Caneyville	CnD3	SIC	0.2	0.2	1	190	175	0.23	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Caneyville-Rock outcrop complex	Co					190	175		50-150	100	35	10.3	HE-highly erodible	N-not hydric
Caneyville		SIL	0.32	0.32	2	190	175	0.29						
Rock outcrop		UWB												
Captina (otwell)	CpB	SIL	0.43	0.43	4	190	175	0.43	100-250	150	4	0.47	HE-highly erodible	N-not hydric
Captina (otwell)	CpC	SIL	0.43	0.43	4	190	175	0.43	100-200	150	10	1.68	HE-highly erodible	N-not hydric
Christian	CrB	SIL	0.37	0.37	5	190	175	0.62	100-300	200	4	0.53	N-not erodible	N-not hydric
Christian	CrC	SIL	0.37	0.37	5	190	175	0.62	100-250	200	10	1.94	HE-highly erodible	N-not hydric
Christian	CsC3	SICL	0.28	0.28	4	190	175	0.65	100-250	200	10	1.94	HE-highly erodible	N-not hydric
Clifty	Ct	GR-SIL	0.2	0.37	5	190	175	1.14	100-300	200	1	0.16	N-not erodible	N-not hydric
Crider	CuB	SIL	0.43	0.43	5	190	175	0.53	100-300	150	4	0.471	N-not erodible	N-not hydric
Crider	CuC	SIL	0.43	0.43	5	190	175	0.53	100-200	150	9	1.45	HE-highly erodible	N-not hydric
Crider	CvC3	SICL	0.28	0.28	4	190	175	0.65	150-300	200	10	1.94	HE-highly erodible	N-not hydric
Cuba	Cw	SIL	0.37	0.37	5	190	175	0.62	100-300	200	1	0.16	N-not erodible	N-not hydric
Gilpin (frondorf)	GlC	SIL	0.32	0.32	3	190	175	0.43	100-200	100	10	1.37	HE-highly erodible	N-not hydric
Gilpin (frondorf)	GlD	SIL	0.32	0.32	3	190	175	0.43	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Gilpin (frondorf)	GlE	SIL	0.32	0.32	3	190	175	0.43	50-150	100	25	5.89	HE-highly erodible	N-not hydric
Gilpin (frondorf)	GpC3	SICL	0.32	0.32	2	190	175	0.29	100-200	100	10	7.95	HE-highly erodible	N-not hydric
Gilpin (frondorf)	GpD3	SICL	0.32	0.32	2	190	175	0.29	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Gilpin (frondorf)	GpE3	SICL	0.32	0.32	2	190	175	0.29	50-150	100	25	5.89	HE-highly erodible	N-not hydric
Gullied land	Gu					190								
Johnsburg	Jo	SIL	0.49	0.49	3	190	175	0.28	100-300	200	1	0.16	N-not erodible	I-inclusions
Lindside	Ld	SIL	0.37	0.37	5	190	175	0.62	100-300	200	1	0.16	N-not erodible	N-not hydric

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Mercer (nicholson)	MtB	SIL	0.37	0.37	4	190	175	0.49	100-300	200	4	0.53	HE-highly erodible	N-not hydric
Newark	Ne	SIL	0.37	0.37	5	190	175	0.62	25-200	100	1	0.13	N-not erodible	I-inclusions
Nolin	No	SIL	0.37	0.37	5	190	175	0.62	50-300	150	1	0.15	N-not erodible	I-inclusions
Pits, Quarries	Pt													
Ramsey	RaD	L	0.37	0.37	1	190	175	0.12	50-150	100	15	2.52	HE-highly erodible	N-not hydric
Ramsey	RaE3	L	0.37	0.37	1	190	175	0.12	50-150	100	20	4.08	HE-highly erodible	N-not hydric
Rarden	RdC	SIL	0.37	0.37	3	190	175	0.37	100-250	150	10	1.68	HE-highly erodible	N-not hydric
Rarden	RdD	SIL	0.37	0.37	3	190	175	0.37	50-200	100	16	2.84	HE-highly erodible	N-not hydric
Rarden	ReC3	SICL	0.37	0.37	2	190	175	0.25	100-250	150	10	1.68	HE-highly erodible	N-not hydric
Rarden	ReD3	SICL	0.37	0.37	2	190	175	0.25	50-200	100	16	2.84	HE-highly erodible	N-not hydric
Sadler	SaA	SIL	0.43	0.43	4	190	175	0.43	100-350	250	1	0.17	N-not erodible	N-not hydric
Sadler	SaB	SIL	0.43	0.43	4	190	175	0.43	100-350	250	4	0.57	HE-highly erodible	N-not hydric
Shelocta	ShB	GR-SIL	0.2	0.37	5	190	175	1.14	100-250	200	4	0.53	N-not erodible	N-not hydric
Shelocta	ShC	GR-SIL	0.2	0.37	5	190	175	1.14	50-250	150	10	1.68	HE-highly erodible	N-not hydric
Shelocta	ShD	GR-SIL	0.2	0.32	5	190	175	1.14	50-200	100	16	2.84	HE-highly erodible	N-not hydric
Shelocta	ShD3	GR-SIL	0.24	0.37	4	190	175	0.76	50-200	100	16	2.84	HE-highly erodible	N-not hydric
Steff	Ss	SIL	0.43	0.43	5	190	175	0.53	100-300	200	1	0.16	N-not erodible	N-not hydric
Stendal	St	SIL	0.37	0.37	5	190	175	0.62	100-300	200	1	0.16	N-not erodible	I-inclusions
Bonnie	uBonA	SIL	0.49	0.49	5	190	175	0.47	25-300	200	0.5	0.11	N-not erodible	H-hydric
Water	W													
Weikert	WcE	CN-SIL	0.17	0.37	2	190	175	0.54	50-150	100	20	4.08	HE-highly erodible	N-not hydric
Weikert	WcE3	CN-SIL	0.2	0.43	1	190	175	0.23	50-150	100	20	4.08	HE-highly erodible	N-not hydric
Weikert-Ramsey-Gilpin stony complex	WgE					190	175		50-150	100	25	5.89	HE-highly erodible	N-not hydric
Weikert		ST-SIL	0.17	0.43	2	190	175	0.54						
Ramsey		L	0.37	0.37	1	190	175	0.12						
Gilpin		ST-SIL	0.15	0.32	3	190	175	0.91						
Weikert-Ramsey-Gilpin stony complex	WgE3					190	175		50-150	100	25	5.89	HE-highly erodible	N-not hydric
Weikert		ST-SIL	0.17	0.43	1	190	175	0.27						
Ramsey		L	0.37	0.37	1	190	175	0.12						
Gilpin		ST-SIL	0.15	0.32	2	190	175	0.61						
Weikert-Ramsey-Gilpin stony complex	WgF					190	175		50-150	100	40	12.65	HE-highly erodible	N-not hydric
Weikert		ST-SIL	0.17	0.43	2	190	175	0.54						
Ramsey		L	0.37	0.37	1	190	175	0.12						
Gilpin		ST-SIL	0.15	0.32	3	190	175	0.91						
Wellston	WlB	SIL	0.37	0.37	3	190	175	0.37	100-250	200	4	0.53	HE-highly erodible	N-not hydric
Wellston	WlC	SIL	0.37	0.37	5	190	175	0.62	50-200	150	9	1.45	HE-highly erodible	N-not hydric

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Wellston	WlD	SIL	0.37	0.37	5	190	175	0.62	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Wellston	WnC3	SICL	0.37	0.37	2	190	175	0.25	50-200	150	10	1.68	HE-highly erodible	N-not hydric
Wellston	WnD3	SICL	0.37	0.37	2	190	175	0.25	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Rosine	WoC	SIL	0.37	0.37	5	190	175	0.62	50-200	150	9	1.45	HE-highly erodible	N-not hydric
Wellston, (rosine)	WoD	SIL	0.43	0.43	5	190	175	0.53	50-150	100	16	2.84	HE-highly erodible	N-not hydric
Wellston, (rosine)	WsC3	SICL	0.43	0.43	4	190	175	0.43	50-200	150	10	1.68	HE-highly erodible	N-not hydric
Wellston, (rosine)	WsD3	SICL	0.43	0.43	4	190	175	0.43	50-150	100	16	1.68	HE-highly erodible	N-not hydric
Zanesville	ZaB	SIL	0.43	0.43	4	190	175	0.43	100-300	250	4	0.57	HE-highly erodible	N-not hydric
Zanesville	ZaC	SIL	0.43	0.43	4	190	175	0.43	50-300	200	10	1.94	HE-highly erodible	N-not hydric
Zanesville	ZcC3	SICL	0.43	0.43	2	190	175	0.21	50-300	200	10	1.94	HE-highly erodible	N-not hydric