

RUSLE Related Attributes

Giles County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
1B: Allegheny loam, 2 to 7 percent slopes	85	Allegheny	B	.32	4	41.6	37.4	21.0
1C: Allegheny loam, 7 to 15 percent slopes	95	Allegheny	B	.32	4	41.6	37.4	21.0
2D: Berks channery silt loam, 10 to 30 percent slopes	90	Berks	C	.17	3	30.4	55.6	14.0
2F: Berks channery silt loam, 30 to 65 percent slopes	90	Berks	C	.17	3	30.4	55.6	14.0
3F: Berks very stony silt loam, 30 to 65 percent slopes	90	Berks	C	.17	3	30.4	55.6	14.0
4B: Braddock sandy loam, 2 to 7 percent slopes	85	Braddock	B	.24	4	65.9	19.1	15.0
4C: Braddock sandy loam, 7 to 15 percent slopes	85	Braddock	B	.24	4	65.9	19.1	15.0
4D: Braddock sandy loam, 15 to 25 percent slopes	85	Braddock	B	.24	4	65.9	19.1	15.0
4E: Braddock sandy loam, 25 to 35 percent slopes	85	Braddock	B	.24	4	65.9	19.1	15.0
5C: Carbo silty clay loam, very rocky, 2 to 15 percent slopes	90	Carbo	C	.37	2	17.4	52.6	30.0
	5	Rock outcrop	D	---	---	---	---	---
	2	Wet spots	---	---	---	---	---	---

RUSLE Related Attributes - Continued

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Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
5D: Carbo silty clay loam, very rocky, 15 to 45 percent slopes	90	Carbo	C	.37	2	17.4	52.6	30.0
	5	Rock outcrop	D	---	---	---	---	---
6F: Carbo-Rock outcrop complex, 25 to 65 percent slopes	45	Carbo	C	.37	2	17.4	52.6	30.0
	45	Rock outcrop	D	---	---	---	---	---
7: Chagrín silt loam	90	Chagrín	B	.32	5	27.1	53.9	19.0
	5	Frequently flooded	---	---	---	---	---	---
8: Chagrín variant, loamy sand	90	Chagrín variant	A	.10	5	83.0	9.0	8.0
9: Chavies variant, sandy loam	90	Chavies variant	B	.24	4	67.4	19.6	13.0
10B: Cotaco loam, 2 to 7 percent slopes	85	Cotaco	C	.37	3	43.3	39.7	17.0
	5	Seep areas	---	---	---	---	---	---
10C: Cotaco loam, 7 to 15 percent slopes	90	Cotaco	C	.37	3	43.3	39.7	17.0
	5	Seep areas	---	---	---	---	---	---
11D: Faywood silt loam, 10 to 30 percent slopes	90	Faywood	C	.37	3	26.3	52.7	21.0
11F: Faywood silt loam, 30 to 65 percent slopes	90	Faywood	C	.37	3	26.3	52.7	21.0

RUSLE Related Attributes - Continued

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						% Sand	% Silt	% Clay
12: Fluvaquents, nearly level	80	Fluvaquents	B/D	.37	5	44.8	41.2	14.0
	5	Ponded soils	---	---	---	---	---	---
13B: Frederick silt loam, 2 to 7 percent slopes	90	Frederick	B	.32	4	26.5	53.5	20.0
13C: Frederick silt loam, 7 to 15 percent slopes	90	Frederick	B	.32	4	26.5	53.5	20.0
13D: Frederick silt loam, 15 to 25 percent slopes	90	Frederick	B	.32	4	26.5	53.5	20.0
13E: Frederick silt loam, 25 to 35 percent slopes	90	Frederick	B	.32	4	26.5	53.5	20.0
14B: Frederick gravelly silt loam, 2 to 7 percent slopes	90	Frederick	B	.24	4	26.5	53.5	20.0
14C: Frederick gravelly silt loam, 7 to 15 percent slopes	90	Frederick	B	.24	4	26.5	53.5	20.0
14D: Frederick gravelly silt loam, 15 to 25 percent slopes	90	Frederick	B	.24	4	26.5	53.5	20.0
14E: Frederick gravelly silt loam, 25 to 35 percent slopes	90	Frederick	B	.24	4	26.5	53.5	20.0
15C: Frederick very stony silt loam, 7 to 15 percent slopes	90	Frederick	B	.24	4	26.5	53.5	20.0

RUSLE Related Attributes - Continued

Giles County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
15D: Frederick very stony silt loam, 15 to 25 percent slopes	90	Frederick	B	.24	4	26.5	53.5	20.0
15E: Frederick very stony silt loam, 25 to 35 percent slopes	90	Frederick	B	.24	4	26.5	53.5	20.0
16D: Frederick-Rock outcrop complex, 10 to 30 percent slopes	70	Frederick	B	.32	4	26.5	53.5	20.0
	20	Rock outcrop	D	---	---	---	---	---
16F: Frederick-Rock outcrop complex, 30 to 60 percent slopes	70	Frederick	B	.32	4	26.5	53.5	20.0
	20	Rock outcrop	D	---	---	---	---	---
17C: Gilpin silt loam, 7 to 15 percent slopes	90	Gilpin	C	.32	3	26.3	52.7	21.0
17D: Gilpin silt loam, 15 to 30 percent slopes	90	Gilpin	C	.32	3	26.3	52.7	21.0
17F: Gilpin silt loam, 30 to 65 percent slopes	90	Gilpin	C	.32	3	26.3	52.7	21.0
18D: Gilpin very stony silt loam, 10 to 30 percent slopes	90	Gilpin	C	.32	3	26.3	52.7	21.0
18F: Gilpin very stony silt loam, 30 to 65 percent slopes	90	Gilpin	C	.32	3	26.3	52.7	21.0
19C: Jefferson loam, 0 to 15 percent slopes	90	Jefferson	B	.24	4	44.3	40.7	15.0

RUSLE Related Attributes - Continued

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Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
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20C: Jefferson very stony loam, 0 to 15 percent slopes	90	Jefferson	B	.24	4	44.3	40.7	15.0
20E: Jefferson very stony loam, 15 to 35 percent slopes	90	Jefferson	B	.24	4	44.3	40.7	15.0
21C: Jefferson extremely stony loam, 0 to 15 percent slopes	90	Jefferson	B	.24	4	44.3	40.7	15.0
21E: Jefferson extremely stony loam, 15 to 35 percent slopes	90	Jefferson	B	.24	4	44.3	40.7	15.0
21F: Jefferson extremely stony loam, 35 to 65 percent slopes	90	Jefferson	B	.24	4	44.3	40.7	15.0
22D: Jefferson variant and Drall soils, very stony, 10 to 30 percent slopes	60	Jefferson variant	B	.17	4	67.7	23.3	9.0
	30	Drall	B	.10	3	84.3	4.7	11.0
22F: Jefferson variant and Drall soils, very stony, 30 to 65 percent slopes	60	Jefferson variant	B	.17	4	67.7	23.3	9.0
	30	Drall	B	.10	3	84.3	4.7	11.0
23F: Lehew and Wallen soils, very stony, 35 to 65 percent slopes	60	Lehew	C	.17	3	66.6	23.4	10.0
	30	Wallen	B	.17	2	66.8	19.2	14.0
24C: Lily gravelly sandy loam, 0 to 15 percent slopes	85	Lily	B	.28	2	67.4	19.6	13.0

RUSLE Related Attributes - Continued

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Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
24D: Lily gravelly sandy loam, 15 to 35 percent slopes	85	Lily	B	.28	2	67.4	19.6	13.0
25F: Lily extremely stony sandy loam, 35 to 65 percent slopes	85	Lily	B	.28	2	67.4	19.6	13.0
26F: Lily gravelly sandy loam, very rocky, 35 to 65 percent slopes	85	Lily	B	.28	2	67.4	19.6	13.0
27C: Lily-Bailegap complex, very stony, 2 to 15 percent slopes	55	Lily	B	.28	2	67.4	19.6	13.0
	35	Bailegap	B	.17	3	43.2	38.8	18.0
27E: Lily-Bailegap complex, very stony, 15 to 35 percent slopes	70	Lily	B	.28	2	67.4	19.6	13.0
	20	Bailegap	B	.17	3	43.2	38.8	18.0
27F: Lily-Bailegap complex, very stony, 35 to 65 percent slopes	65	Lily	B	.28	2	67.4	19.6	13.0
	25	Bailegap	B	.17	3	43.2	38.8	18.0
28E: Lily-Bailegap complex, extremely stony, 15 to 35 percent slopes	55	Lily	B	.28	2	67.4	19.6	13.0
	35	Bailegap	B	.17	3	43.2	38.8	18.0
29B: Nolichucky loam, 2 to 7 percent slopes	90	Nolichucky	B	.28	5	44.3	40.7	15.0

RUSLE Related Attributes - Continued

Giles County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
29C: Nolichucky loam, 7 to 15 percent slopes	90	Nolichucky	B	.28	5	44.3	40.7	15.0
29D: Nolichucky loam, 15 to 25 percent slopes	90	Nolichucky	B	.28	5	44.3	40.7	15.0
30C: Nolichucky very stony sandy loam, 7 to 15 percent slopes	90	Nolichucky	B	.20	5	65.9	19.1	15.0
30D: Nolichucky very stony sandy loam, 15 to 30 percent slopes	90	Nolichucky	B	.20	5	65.9	19.1	15.0
30F: Nolichucky very stony sandy loam, 30 to 65 percent slopes	90	Nolichucky	B	.20	5	65.9	19.1	15.0
31C: Poplimento silt loam, 7 to 15 percent slopes	85	Poplimento	C	.32	4	26.0	52.0	22.0
31D: Poplimento silt loam, 15 to 25 percent slopes	85	Poplimento	C	.32	4	26.0	52.0	22.0
31E: Poplimento silt loam, 25 to 35 percent slopes	85	Poplimento	C	.32	4	26.0	52.0	22.0
32F: Rock outcrop-Berks complex, 30 to 80 percent slopes	65	Rock outcrop	D	---	---	---	---	---
	30	Berks	C	.17	3	30.4	55.6	14.0
33D: Sequoia silt loam, 10 to 30 percent slopes	90	Sequoia	C	.37	3	26.3	52.7	21.0

RUSLE Related Attributes - Continued

Giles County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
33F: Sequoia silt loam, 30 to 65 percent slopes	90	Sequoia	C	.37	3	26.3	52.7	21.0
34: Slickens, nearly level	90	Slickens	---	---	---	---	---	---
35B: Timberville variant loam, 2 to 7 percent slopes	90	Timberville variant	B	.28	4	43.8	40.2	16.0
	3	Frequently flooded	---	---	---	---	---	---
35C: Timberville variant, loam, 7 to 15 percent slopes	90	Timberville variant	B	.28	4	43.8	40.2	16.0
ZZ900: Water	100	Water	---	---	---	---	---	---