

RUSLE Related Attributes

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
1A: Altavista fine sandy loam, 0 to 2 percent slopes, very rarely flooded	90	Altavista	C	.20	5	63.5	19.5	17.0
	3	Chewacla	---	---	---	---	---	---
	3	Roanoke	---	---	---	---	---	---
	2	Chastain	---	---	---	---	---	---
	1	Riverview	---	---	---	---	---	---
	1	Tomotley	---	---	---	---	---	---
1B: Altavista fine sandy loam, 2 to 6 percent slopes, very rarely flooded	90	Altavista	C	.20	5	63.5	19.5	17.0
	2	Chastain	---	---	---	---	---	---
	2	Chewacla	---	---	---	---	---	---
	2	Riverview	---	---	---	---	---	---
	2	Roanoke	---	---	---	---	---	---
	2	Tomotley	---	---	---	---	---	---
2B: Appling sandy loam, 2 to 7 percent slopes	80	Appling	B	.24	4	67.9	19.6	12.5
	10	Emporia	---	---	---	---	---	---
	10	Helena	---	---	---	---	---	---
2C: Appling sandy loam, 7 to 15 percent slopes	90	Appling	B	.24	4	67.9	19.6	12.5

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
2C: Appling sandy loam, 7 to 15 percent slopes	6	Emporia	---	---	---	---	---	---
	4	Helena	---	---	---	---	---	---
3A: Bama sandy loam, 0 to 2 percent slopes	90	Bama	B	.24	5	66.4	19.1	14.5
	6	Emporia	---	---	---	---	---	---
	4	Slagle	---	---	---	---	---	---
3B: Bama sandy loam, 2 to 6 percent slopes	90	Bama	B	.24	5	66.4	19.1	14.5
	6	Emporia	---	---	---	---	---	---
	4	Slagle	---	---	---	---	---	---
4A: Bibb-Chastain complex, 0 to 2 percent slopes, frequently flooded	70	Bibb	D	.20	5	66.6	23.4	10.0
	15	Chastain	D	.24	4	40.0	45.0	15.0
	5	Chewacla	---	---	---	---	---	---
	4	fine loamy poorly drained soils	---	---	---	---	---	---
	3	ponded soils	---	---	---	---	---	---
	3	very poorly drained muck soils	---	---	---	---	---	---

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
5B: Bojac sandy loam, 0 to 6 percent slopes, very rarely flooded	85	Bojac	B	.24	4	63.9	24.1	12.0
	5	Altavista	---	---	---	---	---	---
	4	Chewacla	---	---	---	---	---	---
	3	Riverview	---	---	---	---	---	---
	3	Tarboro	---	---	---	---	---	---
6B: Cecil sandy loam, 2 to 7 percent slopes	90	Cecil	B	.24	4	67.9	19.6	12.5
	5	Emporia	---	---	---	---	---	---
	5	Helena	---	---	---	---	---	---
7A: Chastain silt loam, 0 to 2 percent slopes, ponded	95	Chastain	D	.24	4	25.0	60.0	15.0
	2	Roanoke	---	---	---	---	---	---
	1	Rappahannock	---	---	---	---	---	---
	1	Riverview	---	---	---	---	---	---
	1	Tomotley	---	---	---	---	---	---
8A: Chewacla silt loam, 0 to 2 percent slopes, occasionally flooded	75	Chewacla	C	.37	5	20.0	60.0	20.0
	5	Altavista	---	---	---	---	---	---
	4	Bojac	---	---	---	---	---	---
	4	Chastain	---	---	---	---	---	---

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
8A: Chewacla silt loam, 0 to 2 percent slopes, occasionally flooded	4	Riverview	---	---	---	---	---	---
	4	Roanoke	---	---	---	---	---	---
	3	Tomotley	---	---	---	---	---	---
	1	Rappahannock	---	---	---	---	---	---
9C: Helena-Applying complex, 2 to 15 percent slopes	65	Helena	C	.20	4	67.9	19.6	12.5
	20	Applying	B	.24	4	67.9	19.6	12.5
	6	Emporia	---	---	---	---	---	---
	5	somewhat poorly drained to poorly drained, fine loamy to cla	---	---	---	---	---	---
	4	well drained clayey soils	---	---	---	---	---	---
10E: Kempsville-Emporia-Remlik complex, 15 to 50 percent slopes	45	Kempsville	B	.24	5	66.6	23.4	10.0
	25	Emporia	C	.28	5	67.3	20.2	12.5
	20	Remlik	A	.10	5	83.8	9.2	7.0
	3	Chastain	---	---	---	---	---	---
	2	Bibb	---	---	---	---	---	---
11A: Kempsville-Emporia complex, 0 to 2 percent slopes	70	Kempsville	B	.24	5	66.6	23.4	10.0

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
11A: Kempsville-Emporia complex, 0 to 2 percent slopes	30	Emporia	C	.28	5	67.3	20.2	12.5
11B: Kempsville-Emporia complex, 2 to 6 percent slopes	60	Kempsville	B	.24	5	66.6	23.4	10.0
	35	Emporia	C	.28	5	67.3	20.2	12.5
	3	Roanoke	---	---	---	---	---	---
11C: Kempsville-Emporia complex, 6 to 10 percent slopes	65	Kempsville	B	.24	5	66.6	23.4	10.0
	30	Emporia	C	.28	5	67.3	20.2	12.5
	3	Roanoke	---	---	---	---	---	---
12A: Myatt-Slagle complex, 0 to 2 percent slopes	85	Myatt	D	.28	5	43.0	39.5	17.5
	10	Slagle	C	.32	5	66.9	20.1	13.0
	3	Emporia	---	---	---	---	---	---
	2	Kempsville	---	---	---	---	---	---
13E: Nevarc sandy loam, 15 to 50 percent slopes	85	Nevarc	C	.24	5	67.4	19.6	13.0
	7	Remilik	---	---	---	---	---	---
	6	Kempsville	---	---	---	---	---	---
14: Pits, gravel, 0 to 3 percent slopes	85	Pits, gravel	A	---	---	---	---	---

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
14: Pits, gravel, 0 to 3 percent slopes	3	Appling	---	---	---	---	---	---
	3	Emporia	---	---	---	---	---	---
	3	Kempsville	---	---	---	---	---	---
	3	Slagle	---	---	---	---	---	---
	3	Udorthents	---	---	---	---	---	---
15A: Rappahannock muck, 0 to 1 percent slopes, frequently flooded	85	Rappahannock	D	---	2	---	---	0.0
	5	Chastain	---	---	---	---	---	---
	5	Chewacla	---	---	---	---	---	---
	5	Riverview	---	---	---	---	---	---
16B: Remlik loamy sand, 2 to 6 percent slopes	95	Remlik	A	.10	5	83.8	9.2	7.0
	3	Emporia	---	---	---	---	---	---
	2	Slagle	---	---	---	---	---	---
16C: Remlik loamy sand, 6 to 15 percent slopes	95	Remlik	A	.10	5	83.8	9.2	7.0
	2	Emporia	---	---	---	---	---	---
	1	Slagle	---	---	---	---	---	---
16E: Remlik loamy sand, 15 to 50 percent slopes	90	Remlik	A	.10	5	83.8	9.2	7.0

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
16E: Remlik loamy sand, 15 to 50 percent slopes	4	Emporia	---	---	---	---	---	---
	4	Nevarc	---	---	---	---	---	---
17D: Rion sandy loam, 15 to 25 percent slopes	95	Rion	B	.24	3	67.9	19.6	12.5
	2	Helena	---	---	---	---	---	---
	2	Wateree	---	---	---	---	---	---
	1	Rock outcrop	---	---	---	---	---	---
18A: Riverview silt loam, 0 to 2 percent slopes, occasionally flooded	80	Riverview	B	.32	5	25.0	56.5	18.5
	4	Altavista	---	---	---	---	---	---
	4	Bojac	---	---	---	---	---	---
	4	Chastain	---	---	---	---	---	---
	4	Chewacla	---	---	---	---	---	---
	3	State	---	---	---	---	---	---
	1	Rappahannock	---	---	---	---	---	---
19A: Roanoke loam, 0 to 2 percent slopes, ponded	85	Roanoke	D	.28	5	43.0	38.5	18.5
	5	Altavista	---	---	---	---	---	---
	5	Chastain	---	---	---	---	---	---

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
19A: Roanoke loam, 0 to 2 percent slopes, ponded	5	Slagle	---	---	---	---	---	---
20B: Rumford loamy sand, 0 to 6 percent slopes	95	Rumford	B	.10	5	83.8	9.2	7.0
	2	Emporia	---	---	---	---	---	---
	2	Slagle	---	---	---	---	---	---
20C: Rumford loamy sand, 6 to 10 percent slopes	95	Rumford	B	.10	5	83.8	9.2	7.0
	3	Emporia	---	---	---	---	---	---
	2	Slagle	---	---	---	---	---	---
20D: Rumford loamy sand, 10 to 15 percent slopes	90	Rumford	B	.10	5	83.8	9.2	7.0
	3	Emporia	---	---	---	---	---	---
	3	Nevarc	---	---	---	---	---	---
	3	Slagle	---	---	---	---	---	---
21C: Slagle-Kempsville complex, 2 to 15 percent slopes	55	Slagle	C	.32	5	66.9	20.1	13.0
	30	Kempsville	B	.24	5	66.6	23.4	10.0
	6	excessivley drained sandy soils	---	---	---	---	---	---

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
21C: Slagle-Kempsville complex, 2 to 15 percent slopes	6	moderately well drained coarse loamy soils	---	---	---	---	---	---
22A: Slagle fine sandy loam, 0 to 2 percent slopes	90	Slagle	C	.32	5	66.9	20.1	13.0
	2	Myatt	---	---	---	---	---	---
	2	Roanoke	---	---	---	---	---	---
	2	Rumford	---	---	---	---	---	---
	2	Suffolk	---	---	---	---	---	---
	1	Bama	---	---	---	---	---	---
	1	Kempsville	---	---	---	---	---	---
22B: Slagle fine sandy loam, 2 to 6 percent slopes	95	Slagle	C	.32	5	66.9	20.1	13.0
	1	Bama	---	---	---	---	---	---
	1	Kempsville	---	---	---	---	---	---
	1	Myatt	---	---	---	---	---	---
	1	Roanoke	---	---	---	---	---	---
	1	Rumford	---	---	---	---	---	---
23A: State fine sandy loam, 0 to 2 percent slopes, very rarely flooded	90	State	B	.32	5	63.5	26.5	10.0
	4	Chewacla	---	---	---	---	---	---

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
23A: State fine sandy loam, 0 to 2 percent slopes, very rarely flooded	4	Tarboro	---	---	---	---	---	---
23B: State fine sandy loam, 2 to 6 percent slopes, very rarely flooded	90	State	B	.32	5	63.5	26.5	10.0
	4	Chewacla	---	---	---	---	---	---
	3	Riverview	---	---	---	---	---	---
	3	Tarboro	---	---	---	---	---	---
23C: State fine sandy loam, 6 to 10 percent slopes, very rarely flooded	90	State	B	.32	5	63.5	26.5	10.0
	8	Tarboro	---	---	---	---	---	---
24A: Suffolk fine sandy loam, 0 to 2 percent slopes	95	Suffolk	B	.32	5	71.3	16.7	12.0
	5	Emporia	---	---	---	---	---	---
24B: Suffolk fine sandy loam, 2 to 6 percent slopes	95	Suffolk	B	.32	5	71.3	16.7	12.0
	5	Emporia	---	---	---	---	---	---
25B: Tarboro-Bojac complex, 0 to 6 percent slopes, very rarely flooded	60	Tarboro	A	.10	5	83.5	9.0	7.5
	35	Bojac	B	.24	4	63.9	24.1	12.0
	2	Altavista	---	---	---	---	---	---

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
26A: Tomotley-Roanoke complex, 0 to 2 percent slopes, rarely flooded	55	Tomotley	B/D	.17	5	67.9	19.6	12.5
	30	Roanoke	D	.28	5	43.0	38.5	18.5
	3	Altavista	---	---	---	---	---	---
	3	Riverview	---	---	---	---	---	---
	2	Bojac	---	---	---	---	---	---
	2	Chastain	---	---	---	---	---	---
	2	Chewacla	---	---	---	---	---	---
	2	State	---	---	---	---	---	---
27C: Udortheents loamy, 0 to 15 percent slopes	85	Udortheents	---	---	---	---	---	---
	5	Bibb	---	---	---	---	---	---
	5	Bojac	---	---	---	---	---	---
	5	Emporia	---	---	---	---	---	---
28A: Wedhadkee silt loam, 0 to 2 percent slopes, frequently flooded	85	Wehadkee	D	.32	5	24.6	57.4	18.0
	7	Riverview	---	---	---	---	---	---
	6	Helena	---	---	---	---	---	---
29A: Wickham fine sandy loam, 0 to 2 percent slopes, very rarely flooded	95	Wickham	B	.32	5	62.5	26.0	11.5

RUSLE Related Attributes - Continued

Caroline County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
29A: Wickham fine sandy loam, 0 to 2 percent slopes, very rarely flooded	5	Altavista	---	---	---	---	---	---
29B: Wickham fine sandy loam, 2 to 6 percent slopes, very rarely flooded	95	Wickham	B	.32	5	62.5	26.0	11.5
	5	somewhat poorly drained soils	---	---	---	---	---	---
30E: Wateree-Rock outcrop complex, 25 to 70 percent slopes	75	Wateree	B	.20	3	65.7	22.8	11.5
	15	Rock outcrop	D	---	---	---	---	---
	10	Rion	---	---	---	---	---	---
W: Water	100	Water	---	---	---	---	---	---