

## RUSLE Related Attributes

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
AbB: Abell soils, 2 to 6 percent slopes	85	Abell	B	.28	4	68.5	21.5	10.0
	5	Worsham	---	---	---	---	---	---
Ad: Alluvial land	80	Alluvial Land	B	.24	5	68.8	16.2	15.0
AfA: Altavista fine sandy loam, 0 to 2 percent slopes	85	Altavista	C	.24	5	68.8	16.2	15.0
AfB: Altavista fine sandy loam, 2 to 6 percent slopes	85	Altavista	C	.24	5	68.8	16.2	15.0
AfC2: Altavista fine sandy loam, 6 to 10 percent slopes, eroded	85	Altavista	C	.24	5	68.8	16.2	15.0
AgB2: Appling fine gravelly sandy loam, 2 to 6 percent slopes, eroded	85	Appling	B	.15	4	66.9	23.1	10.0
	3	Worsham	---	---	---	---	---	---
AgD2: Appling fine gravelly sandy loam, 6 to 15 percent slopes, eroded	85	Appling	B	.15	4	66.9	23.1	10.0
AgE2: Appling fine gravelly sandy loam, 15 to 25 percent slopes, eroded	85	Appling	B	.15	4	66.9	23.1	10.0
AIB2: Appling fine sandy loam, 2 to 6 percent slopes, eroded	85	Appling	B	.24	4	66.9	23.1	10.0
	3	Worsham	---	---	---	---	---	---

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
AIC: Appling fine sandy loam, 6 to 10 percent slopes	85	Appling	B	.24	4	66.9	23.1	10.0
AID2: Appling fine sandy loam, 6 to 15 percent slopes, eroded	85	Appling	B	.24	4	66.9	23.1	10.0
AIE2: Appling fine sandy loam, 15 to 25 percent slopes, eroded	85	Appling	B	.24	4	66.9	23.1	10.0
AmB2: Appling fine sandy loam, very deep, 2 to 6 percent slopes, eroded	85	Appling	B	.24	4	66.9	23.1	10.0
	3	Worsham	---	---	---	---	---	---
AmD2: Appling fine sandy loam, very deep, 6 to 15 percent slopes, eroded	85	Appling	B	.24	4	66.9	23.1	10.0
ApC3: Appling clay loam, 4 to 10 percent slopes, severely eroded	85	Appling	B	.24	3	40.0	30.0	30.0
ApE3: Appling clay loam, 10 to 20 percent slopes, severely eroded	85	Appling	B	.24	3	40.0	30.0	30.0
AuA: Augusta fine sandy loam, 0 to 2 percent slopes	85	Augusta	C	.28	4	71.3	16.7	12.0
	5	Roanoke	---	---	---	---	---	---
AuB: Augusta fine sandy loam, 2 to 6 percent slopes	85	Augusta	C	.28	4	71.3	16.7	12.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
Bn: Buncombe loamy sand	85	Buncombe	A	.10	5	83.8	9.2	7.0
Bt: Buncombe-Toccoa complex	45	Buncombe	A	.10	5	83.8	9.2	7.0
	40	Toccoa	B	.28	4	70.1	21.9	8.0
	5	Frequently flooded	---	---	---	---	---	---
CcB2: Cecil fine gravelly sandy loam, 2 to 6 percent slopes, eroded	85	Cecil	B	.15	4	71.3	16.7	12.0
CcD2: Cecil fine gravelly sandy loam, 6 to 15 percent slopes, eroded	85	Cecil	B	.15	4	71.3	16.7	12.0
CcE2: Cecil fine gravelly sandy loam, 15 to 25 percent slopes, eroded	85	Cecil	B	.15	4	71.3	16.7	12.0
CeB2: Cecil fine sandy loam, 2 to 6 percent slopes, eroded	85	Cecil	B	.24	4	71.3	16.7	12.0
CeD2: Cecil fine sandy loam, 6 to 15 percent slopes, eroded	85	Cecil	B	.24	4	71.3	16.7	12.0
CeE2: Cecil fine sandy loam, 15 to 25 percent slopes, eroded	85	Cecil	B	.24	4	71.3	16.7	12.0
CfB2: Cecil fine sandy loam, very deep, 2 to 6 percent slopes, eroded	85	Cecil	B	.24	4	71.3	16.7	12.0
CfD2: Cecil fine sandy loam, very deep, 6 to 15 percent slopes, eroded	85	Cecil	B	.24	4	71.3	16.7	12.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
CfE2: Cecil fine sandy loam, very deep, 15 to 25 percent slopes, eroded	85	Cecil	B	.24	4	71.3	16.7	12.0
CIB3: Cecil clay loam, 2 to 6 percent slopes, severely eroded	85	Cecil	B	.20	3	40.0	30.0	30.0
CID3: Cecil clay loam, 6 to 15 percent slopes, severely eroded	85	Cecil	B	.20	3	40.0	30.0	30.0
CIE3: Cecil clay loam, 15 to 25 percent slopes, severely eroded	85	Cecil	B	.20	3	40.0	30.0	30.0
CmB3: Cecil clay loam, very deep, 2 to 6 percent slopes, severely eroded	85	Cecil	B	.20	3	40.0	30.0	30.0
CmD3: Cecil clay loam, very deep, 6 to 15 percent slopes, severely eroded	85	Cecil	B	.20	3	40.0	30.0	30.0
Cn: Chewacla silt loam	85	Chewacla	C	.37	5	26.5	53.5	20.0
	5	Wehadkee	---	---	---	---	---	---
CoB: Colfax fine sandy loam, 2 to 6 percent slopes	85	Colfax	C	.28	3	71.3	16.7	12.0
	5	Worsham	---	---	---	---	---	---
Cr: Congaree silt loam	85	Congaree	B	.37	5	27.3	54.7	18.0
	5	Chewacla	---	---	---	---	---	---

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
CsB2: Creedmoor sandy loam, 2 to 6 percent slopes, eroded	85	Creedmoor	C	.28	3	66.8	19.2	14.0
CsC2: Creedmoor sandy loam, 6 to 10 percent slopes, eroded	85	Creedmoor	C	.28	3	66.8	19.2	14.0
	3	Worsham	---	---	---	---	---	---
CuB2: Cullen loam, 2 to 6 percent slopes, eroded	85	Cullen	C	.32	4	42.1	37.9	20.0
CuD2: Cullen loam, 6 to 15 percent slopes, eroded	85	Cullen	C	.32	4	42.1	37.9	20.0
CuE2: Cullen loam, 15 to 25 percent slopes, eroded	85	Cullen	C	.32	4	42.1	37.9	20.0
CvB3: Cullen clay loam, 2 to 6 percent slopes, severely eroded	85	Cullen	C	.24	3	42.1	24.9	33.0
CvD3: Cullen clay loam, 6 to 15 percent slopes, severely eroded	85	Cullen	C	.24	3	42.1	24.9	33.0
EnB2: Enon fine sandy loam, 2 to 6 percent slopes, eroded	85	Enon	C	.24	3	68.5	21.5	10.0
EnC2: Enon fine sandy loam, 6 to 10 percent slopes, eroded	85	Enon	C	.24	3	68.5	21.5	10.0
EoC3: Enon clay loam, 4 to 12 percent slopes, severely eroded	85	Enon	C	.20	2	33.9	32.1	34.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
GeB2: Georgeville silt loam, 2 to 6 percent slopes, eroded	85	Georgeville	B	.43	4	26.5	53.5	20.0
GeD2: Georgeville silt loam, 6 to 15 percent slopes, eroded	85	Georgeville	B	.43	4	26.5	53.5	20.0
	3	Worsham	---	---	---	---	---	---
GeE2: Georgeville silt loam, 15 to 25 percent slopes, eroded	85	Georgeville	B	.43	4	26.5	53.5	20.0
GgB3: Georgeville silty clay loam, 2 to 6 percent slopes, severely eroded	85	Georgeville	B	.49	4	17.4	52.6	30.0
GgD3: Georgeville silty clay loam, 6 to 15 percent slopes, severely eroded	85	Georgeville	B	.49	4	17.4	52.6	30.0
	3	Worsham	---	---	---	---	---	---
GoC: Goldston silt loam, 4 to 10 percent slopes	85	Goldston	C	.32	1	29.7	54.3	16.0
GoD: Goldston silt loam, 10 to 15 percent slopes	85	Goldston	C	.32	1	29.7	54.3	16.0
GoF: Goldston silt loam, 15 to 35 percent slopes	85	Goldston	C	.32	1	29.7	54.3	16.0
GrB2: Grover sandy loam, 2 to 6 percent slopes, eroded	85	Grover	B	.24	3	66.0	23.0	11.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
GrD2: Grover sandy loam, 6 to 15 percent slopes, eroded	85	Grover	B	.24	3	66.0	23.0	11.0
GuE: Gullied land-Cecil complex, moderately steep	50	Gullied land	---	---	---	---	---	---
	30	Cecil	B	.20	3	40.0	30.0	30.0
HeB: Helena fine gravelly sandy loam, 2 to 6 percent slopes	85	Helena	C	.15	4	71.3	16.7	12.0
HeC2: Helena fine gravelly sandy loam, 6 to 10 percent slopes, eroded	85	Helena	C	.15	4	71.3	16.7	12.0
HfB2: Helena fine sandy loam, 2 to 6 percent slopes, eroded	85	Helena	C	.24	4	71.3	16.7	12.0
HfC2: Helena fine sandy loam, 6 to 10 percent slopes, eroded	85	Helena	C	.24	4	71.3	16.7	12.0
HnB2: Herndon silt loam, 2 to 6 percent slopes, eroded	85	Herndon	B	.37	5	29.7	54.3	16.0
HnD2: Herndon silt loam, 6 to 15 percent slopes, eroded	85	Herndon	B	.37	5	29.7	54.3	16.0
HrB3: Herndon silty clay loam, 2 to 6 percent slopes, severely eroded	85	Herndon	B	.43	4	17.4	52.6	30.0
	3	Worsham	---	---	---	---	---	---

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
HrD3: Herndon silty clay loam, 6 to 15 percent slopes, severely eroded	85	Herndon	B	.43	4	17.4	52.6	30.0
IrB: Iredell loam, 2 to 6 percent slopes	85	Iredell	C/D	.32	3	42.1	37.9	20.0
IrB2: Iredell loam, 2 to 6 percent slopes, eroded	85	Iredell	C/D	.32	3	42.1	37.9	20.0
IrC2: Iredell loam, 6 to 10 percent slopes, eroded	85	Iredell	C/D	.32	3	42.1	37.9	20.0
LoD: Louisa fine sandy loam, 6 to 15 percent slopes	85	Louisa	B	.28	2	67.7	14.3	18.0
LoF: Louisa fine sandy loam, 15 to 35 percent slopes	85	Louisa	B	.28	2	67.7	14.3	18.0
LsE3: Louisa and Louisburg soils, 15 to 25 percent slopes, severely eroded	70	Louisa	B	.28	2	67.7	14.3	18.0
	20	Louisburg	B	.24	3	66.9	23.1	10.0
LuC: Louisburg sandy loam, 4 to 10 percent slopes	85	Louisburg	B	.24	3	66.9	23.1	10.0
LuD: Louisburg sandy loam, 10 to 15 percent slopes	85	Louisburg	B	.24	3	66.9	23.1	10.0
LuF: Louisburg sandy loam, 15 to 35 percent slopes	85	Louisburg	B	.24	3	66.9	23.1	10.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
MaB2: Madison fine sandy loam, 2 to 6 percent slopes, eroded	85	Madison	B	.24	4	70.9	16.6	12.5
MaD2: Madison fine sandy loam, 6 to 15 percent slopes, eroded	85	Madison	B	.24	4	70.9	16.6	12.5
McB3: Madison clay loam, 2 to 6 percent slopes, severely eroded	85	Madison	B	.24	3	33.5	36.5	30.0
McD3: Madison clay loam, 6 to 15 percent slopes, severely eroded	85	Madison	B	.24	3	33.5	36.5	30.0
MdE2: Madison and Grover fine sandy loams, 15 to 25 percent slopes, eroded	50	Madison	B	.24	4	70.9	16.6	12.5
	30	Grover	B	.24	3	66.0	23.0	11.0
MeB2: Masada fine sandy loam, 2 to 6 percent slopes, eroded	85	Masada	C	.28	4	68.8	16.2	15.0
MeD2: Masada fine sandy loam, 6 to 15 percent slopes, eroded	85	Masada	C	.28	4	68.8	16.2	15.0
MeE: Masada fine sandy loam, 15 to 25 percent slopes	85	Masada	C	.28	4	68.8	16.2	15.0
MfB2: Mayodan sandy loam, 2 to 6 percent slopes, eroded	85	Mayodan	B	.20	4	68.3	19.7	12.0
MfD2: Mayodan sandy loam, 6 to 15 percent slopes eroded	85	Mayodan	B	.20	4	68.3	19.7	12.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
MkB2: Mecklenburg loam, 2 to 6 percent slopes, eroded	85	Mecklenburg	C	.24	4	44.3	40.7	15.0
MkC2: Mecklenburg loam, 6 to 12 percent slopes, eroded	85	Mecklenburg	C	.24	4	44.3	40.7	15.0
MIB: Mecklenburg loam, loamy subsoil variant, 2 to 6 percent slopes	85	Mecklenburg variant	C	.24	4	43.8	40.2	16.0
MIC: Mecklenburg loam, loamy subsoil variant, 6 to 10 percent slopes	85	Mecklenburg variant	C	.24	4	43.8	40.2	16.0
MIE: Mecklenburg loam, loamy subsoil variant, 10 to 25 percent slopes	85	Mecklenburg variant	C	.24	4	43.8	40.2	16.0
MIE3: Mecklenburg loam, loamy subsoil variant, 10 to 25 percent slopes, severely eroded	85	Mecklenburg variant	C	.24	4	43.8	40.2	16.0
OrB: Orange silt loam, 2 to 6 percent slopes	85	Orange	D	.37	3	27.3	54.7	18.0
	3	Worsham	---	---	---	---	---	---
OrB2: Orange silt loam, 2 to 6 percent slopes, eroded	85	Orange	D	.37	3	27.3	54.7	18.0
	3	Worsham	---	---	---	---	---	---
OrC2: Orange silt loam, 6 to 10 percent slopes, eroded	85	Orange	D	.37	3	27.3	54.7	18.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
OrC2: Orange silt loam, 6 to 10 percent slopes, eroded	3	Worsham	---	---	---	---	---	---
PaB2: Pacolet fine sandy loam, 2 to 6 percent slopes, eroded	85	Pacolet	B	.24	3	69.6	16.4	14.0
PaD2: Pacolet fine sandy loam, 6 to 15 percent slopes, eroded	85	Pacolet	B	.24	3	69.6	16.4	14.0
PaE2: Pacolet fine sandy loam, 15 to 25 percent slopes, eroded	85	Pacolet	B	.24	3	69.6	16.4	14.0
PcC3: Pacolet clay loam, 4 to 10 percent slopes, severely eroded	85	Pacolet	B	.24	2	33.5	36.5	30.0
PcD3: Pacolet clay loam, 10 to 15 percent slopes, severely eroded	85	Pacolet	B	.24	2	33.5	36.5	30.0
PkC: Pinkston fine sandy loam, 6 to 10 percent slopes	85	Pinkston	B	.20	2	71.3	16.7	12.0
PkE: Pinkston fine sandy loam, 10 to 25 percent slopes	85	Pinkston	B	.20	2	71.3	16.7	12.0
Ro: Roanoke silt loam	85	Roanoke	D	.37	4	27.3	54.7	18.0
SrB: Starr loam, 2 to 6 percent slopes	85	Starr	C	.28	5	43.2	38.8	18.0
StB: State silt loam, 2 to 6 percent slopes	85	State	B	.37	5	30.4	55.6	14.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
StB: State silt loam, 2 to 6 percent slopes	3	Wet spots	---	---	---	---	---	---
To: Toccoa fine sandy loam	85	Toccoa	B	.28	4	70.1	21.9	8.0
TuB2: Turbeville fine sandy loam, 2 to 6 percent slopes, eroded	85	Turbeville	C	.32	5	68.5	21.5	10.0
TuD2: Turbeville fine sandy loam, 6 to 15 percent slopes, eroded	85	Turbeville	C	.32	5	68.5	21.5	10.0
TuF2: Turbeville fine sandy loam, 15 to 35 percent slopes, eroded	85	Turbeville	C	.32	5	68.5	21.5	10.0
TvB3: Turbeville clay loam, 2 to 6 percent slopes, severely eroded	85	Turbeville	C	.24	4	33.3	31.7	35.0
TvD3: Turbeville clay loam, 6 to 15 percent slopes, severely eroded	85	Turbeville	C	.24	4	33.3	31.7	35.0
VaB2: Vance fine gravelly sandy loam, 2 to 6 percent slopes, eroded	85	Vance	C	.24	3	69.6	16.4	14.0
	3	Worsham	---	---	---	---	---	---
VaD2: Vance fine gravelly sandy loam, 6 to 15 percent slopes, eroded	85	Vance	C	.24	3	69.6	16.4	14.0
VcB2: Vance fine sandy loam, 2 to 6 percent slopes, eroded	85	Vance	C	.24	3	69.6	16.4	14.0
	3	Worsham	---	---	---	---	---	---

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
VcC2: Vance fine sandy loam, 6 to 10 percent slopes, eroded	85	Vance	C	.24	3	69.6	16.4	14.0
VcD2: Vance fine sandy loam, 10 to 15 percent slopes, eroded	85	Vance	C	.24	3	69.6	16.4	14.0
WdB2: Wedowee fine sandy loam, 2 to 6 percent slopes, eroded	85	Wedowee	B	.28	3	71.3	16.7	12.0
WdD2: Wedowee fine sandy loam, 6 to 15 percent slopes, eroded	85	Wedowee	B	.28	3	71.3	16.7	12.0
We: Wehadkee fine sandy loam, overwash	85	Wehadkee	D	.24	5	70.9	16.6	12.5
Wh: Wehadkee silt loam	85	Wehadkee	D	.37	5	26.5	53.5	20.0
	5	Roanoke	---	---	---	---	---	---
	3	Wet spots	---	---	---	---	---	---
Wk: Wehadkee-Chewacla complex	45	Wehadkee	D	.37	5	26.5	53.5	20.0
	40	Chewacla	C	.37	5	26.5	53.5	20.0
WIB: Wickham fine sandy loam, 2 to 6 percent slopes	85	Wickham	B	.24	5	71.3	16.7	12.0
WIC2: Wickham fine sandy loam, 6 to 10 percent slopes, eroded	85	Wickham	B	.24	5	71.3	16.7	12.0

## RUSLE Related Attributes - Continued

Charlotte County, Virginia

Map Unit Symbol and Map Unit Name	% Comp- osition	Component	Hydrologic Group	Kw	T Factor	Representative Value		
						% Sand	% Silt	% Clay
WmB: Wilkes fine sandy loam, 2 to 6 percent slopes	85	Wilkes	C	.24	1	71.3	16.7	12.0
WmD: Wilkes fine sandy loam, 6 to 15 percent slopes	85	Wilkes	C	.24	1	71.3	16.7	12.0
WmF: Wilkes fine sandy loam, 15 to 35 percent slopes	85	Wilkes	C	.24	1	71.3	16.7	12.0
WnC3: Wilkes soils, 4 to 10 percent slopes, severely eroded	85	Wilkes	C	.24	1	33.5	36.5	30.0
WnF3: Wilkes soils, 10 to 35 percent slopes, severely eroded	85	Wilkes	C	.24	1	33.5	36.5	30.0
Wo: Worsham soils	85	Worsham	D	.37	4	27.3	54.7	18.0
Wr: Worsham soils, fragipan variant	85	Worsham variant	D	.28	4	65.0	17.0	18.0