

HIGHLY ERODIBLE LAND
 Forsyth County, North Carolina

Map Symbol	Map Unit Name	Slope % low	Slope % high	T Factor	K Factor	LS(EI=8)	Status
AsF	Ashlar-Rion complex, 15 to 45 percent slopes	15	45	2	0.17	0.45	HEL
BtE	Bannertown-Toast complex, 15 to 25 percent slopes	15	25	2	0.17	0.45	HEL
CaB	Casville sandy loam, 2 to 6 percent slopes	2	6	3	0.24	0.48	HEL
CaC	Casville sandy loam, 6 to 10 percent slopes	6	10	3	0.24	0.48	HEL
CaD	Casville sandy loam, 10 to 15 percent slopes	10	15	3	0.24	0.48	HEL
CeC2	Cecil clay loam, 6 to 10 percent slopes, moderately eroded	6	10	3	0.28	0.41	HEL
CmB2	Clifford clay loam, 2 to 6 percent slopes, moderately eroded	2	6	3	0.28	0.41	HEL
CmC2	Clifford clay loam, 6 to 10 percent slopes, moderately eroded	6	10	3	0.28	0.41	HEL
FaF	Fairview fine sandy loam, 15 to 45 percent slopes	15	45	3	0.2	0.57	HEL
FcD2	Fairview clay loam, 10 to 15 percent slopes, moderately eroded	10	15	2	0.24	0.32	HEL
FeE3	Fairview clay loam, 10 to 25 percent slopes, severely eroded	10	25	2	0.24	0.32	HEL
FfE	Fairview-Urban land complex, 10 to 25 percent slopes	10	25	3	0.2	0.57	HEL
McC2	Madison clay loam, 6 to 10 percent slopes, moderately eroded	6	10	3	0.28	0.41	HEL
OkD	Oak Level loam, dark surface, 10 to 15 percent slopes	10	15	4	0.24	0.63	HEL
PaF	Pacolet fine sandy loam, 15 to 45 percent slopes	15	45	3	0.2	0.57	HEL
PcD2	Pacolet clay loam, 10 to 15 percent slopes, moderately eroded	10	15	2	0.24	0.32	HEL
PcF2	Pacolet clay loam, 15 to 45 percent slopes, moderately eroded	15	25	2	0.24	0.32	HEL
PeE3	Pacolet clay loam, 10 to 25 percent slopes, severely eroded	10	25	2	0.24	0.32	HEL
PoF	Poplar Forest fine sandy loam, 15 to 45 percent slopes	15	45	4	0.24	0.63	HEL

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PpC2	Poplar Forest clay loam, 6 to 10 percent slopes, moderately eroded	6	10	3	0.28	0.41	HEL
PpD2	Poplar Forest clay loam, 10 to 15 percent slopes, moderately eroded	10	15	3	0.28	0.41	HEL
RaD	Rasalo fine sandy loam, 10 to 15 percent slopes	10	15	3	0.28	0.41	HEL
RoF	Rhodhiss-Bannertown complex, 15 to 45 percent slopes	15	45	3	0.24	0.48	HEL
RtD	Rhodhiss-Toast complex, 5 to 15 percent slopes	5	15	3	0.24	0.48	HEL
SmC	Siloam sandy loam, 4 to 10 percent slopes	4	10	1	0.24	0.16	HEL
SmD	Siloam sandy loam, 10 to 15 percent slopes	10	15	1	0.24	0.16	HEL
SmF	Siloam sandy loam, 15 to 45 percent slopes	10	45	1	0.24	0.16	HEL
StD	Stott Knob fine sandy loam, 6 to 15 percent slopes	6	15	2	0.28	0.27	HEL
StF	Stott Knob fine sandy loam, 15 to 45 percent slopes	15	45	2	0.28	0.27	HEL
TmE	Tomlin loam, 15 to 25 percent slopes	15	25	5	0.28	0.68	HEL
VaB	Vance sandy loam, 2 to 6 percent slopes	2	6	3	0.24	0.48	HEL
VaC	Vance sandy loam, 6 to 10 percent slopes	6	10	3	0.24	0.48	HEL
VaD	Vance sandy loam, 10 to 15 percent slopes	10	15	3	0.24	0.48	HEL
WaD	Wateree-Rion complex, 6 to 15 percent slopes	6	15	3	0.2	0.57	HEL
WaF	Wateree-Rion complex, 15 to 45 percent slopes	15	45	3	0.2	0.57	HEL
WcE	Wateree-Rion-Wedowee complex, 15 to 25 percent slopes	15	30	3	0.2	0.57	HEL
WpD	Wilkes-Poindexter-Wynott complex, 10 to 15 percent slopes	8	15	1	0.24	0.16	HEL
WpF	Wilkes-Poindexter-Wynott complex, 15 to 45 percent slopes	15	25	1	0.24	0.16	HEL

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Map Symbol	Map Unit Name	Slope % low	Slope % high	T Factor	K Factor	LS(EI=8)	Status
AlB	Altavista fine sandy loam, 0 to 6 percent slopes, rarely flooded	2	6	5	0.24	0.79	PHEL
ApB	Appling sandy loam, 2 to 6 percent slopes	2	6	4	0.24	0.63	PHEL
ApC	Appling sandy loam, 6 to 10 percent slopes	6	10	4	0.24	0.63	PHEL
BaB	Banister fine sandy loam, 0 to 6 percent slopes, rarely flooded	0	6	5	0.28	0.68	PHEL
CcB	Cecil sandy loam, 2 to 6 percent slopes	2	6	4	0.28	0.54	PHEL
CcC	Cecil sandy loam, 6 to 10 percent slopes	6	10	4	0.28	0.54	PHEL
ClB	Clifford sandy loam, 2 to 6 percent slopes	2	6	4	0.28	0.54	PHEL
ClC	Clifford sandy loam, 6 to 10 percent slopes	6	10	4	0.28	0.54	PHEL
ClD	Clifford sandy loam, 10 to 15 percent slopes	6	10	4	0.28	0.54	PHEL
EnB	Enon fine sandy loam, 2 to 6 percent slopes	2	6	3	0.28	0.41	PHEL
EnC	Enon fine sandy loam, 6 to 10 percent slopes	6	10	3	0.28	0.41	PHEL
FaB	Fairview fine sandy loam, 2 to 6 percent slopes	2	6	3	0.2	0.57	PHEL
FaC	Fairview fine sandy loam, 6 to 10 percent slopes	6	10	3	0.2	0.57	PHEL
FaD	Fairview fine sandy loam, 10 to 15 percent slopes	8	15	3	0.2	0.57	PHEL
FcB2	Fairview clay loam, 2 to 6 percent slopes, moderately eroded	2	6	2	0.24	0.32	PHEL
FcC2	Fairview clay loam, 6 to 10 percent slopes, moderately eroded	6	10	2	0.24	0.32	PHEL
FeC3	Fairview clay loam, 6 to 10 percent slopes, severely eroded	6	10	2	0.24	0.32	PHEL
FfC	Fairview-Urban land complex, 2 to 10 percent slopes	2	10	3	0.2	0.57	PHEL
HIB	Hiwassee loam, 2 to 6 percent slopes	2	6	5	0.28	0.68	PHEL
HmC2	Hiwassee clay loam, 6 to 10 percent slopes, moderately eroded	6	10	5	0.28	0.68	PHEL

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Map Symbol	Map Unit Name	Slope % low	Slope % high	T Factor	K Factor	LS(EI=8)	Status
JkB	Jackland fine sandy loam, 2 to 6 percent slopes	2	6	3	0.28	0.41	PHEL
MaB	Madison fine sandy loam, 2 to 6 percent slopes	2	6	4	0.24	0.63	PHEL
MaC	Madison fine sandy loam, 6 to 10 percent slopes	6	10	4	0.24	0.63	PHEL
MaD	Madison fine sandy loam, 10 to 15 percent slopes	10	15	4	0.24	0.63	PHEL
MeB	Mecklenburg loam, dark surface, 2 to 6 percent slopes	2	6	4	0.24	0.63	PHEL
MeC	Mecklenburg loam, dark surface, 6 to 10 percent slopes	6	10	4	0.24	0.63	PHEL
NaB	Nathalie sandy loam, 2 to 6 percent slopes	2	6	4	0.24	0.63	PHEL
NaC	Nathalie sandy loam, 6 to 10 percent slopes	6	10	4	0.24	0.63	PHEL
OkB	Oak Level loam, dark surface, 2 to 6 percent slopes	2	6	4	0.24	0.63	PHEL
OkC	Oak Level loam, dark surface, 6 to 10 percent slopes	6	10	4	0.24	0.63	PHEL
PaB	Pacolet fine sandy loam, 2 to 6 percent slopes	2	6	3	0.2	0.57	PHEL
PaC	Pacolet fine sandy loam, 6 to 10 percent slopes	6	10	3	0.2	0.57	PHEL
PaD	Pacolet fine sandy loam, 10 to 15 percent slopes	8	15	3	0.2	0.57	PHEL
PcB2	Pacolet clay loam, 2 to 6 percent slopes, moderately eroded	2	6	2	0.24	0.32	PHEL
PcC2	Pacolet clay loam, 6 to 10 percent slopes, moderately eroded	6	10	2	0.24	0.32	PHEL
PeC3	Pacolet clay loam, 6 to 10 percent slopes, severely eroded	6	10	2	0.24	0.32	PHEL
PoB	Poplar Forest fine sandy loam, 2 to 6 percent slopes	2	6	4	0.24	0.63	PHEL
PoC	Poplar Forest fine sandy loam, 6 to 10 percent slopes	6	10	4	0.24	0.63	PHEL
PoD	Poplar Forest fine sandy loam, 10 to 15 percent slopes	10	15	4	0.24	0.63	PHEL
PpB2	Poplar Forest clay loam, 2 to 6 percent slopes, moderately eroded	2	6	3	0.28	0.41	PHEL

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Map Symbol	Map Unit Name	Slope % low	Slope % high	T Factor	K Factor	LS(EI=8)	Status
RaB	Rasalo fine sandy loam, 2 to 6 percent slopes	2	6	3	0.28	0.41	PHEL
RaC	Rasalo fine sandy loam, 6 to 10 percent slopes	6	10	3	0.28	0.41	PHEL
TcB	Toast sandy loam, 2 to 6 percent slopes	2	6	3	0.24	0.48	PHEL
TcC	Toast sandy loam, 6 to 10 percent slopes	6	10	3	0.24	0.48	PHEL
TcD	Toast sandy loam, 10 to 15 percent slopes	10	15	3	0.24	0.48	PHEL
TdB	Toast-Devotion complex, 2 to 6 percent slopes	2	6	3	0.24	0.48	PHEL
TdC	Toast-Devotion complex, 6 to 10 percent slopes	6	10	3	0.24	0.48	PHEL
TdD	Toast-Devotion complex, 10 to 15 percent slopes	10	15	3	0.24	0.48	PHEL
TmB	Tomlin loam, 2 to 6 percent slopes	2	6	5	0.28	0.68	PHEL
TmC	Tomlin loam, 6 to 10 percent slopes	6	10	5	0.28	0.68	PHEL
TmD	Tomlin loam, 10 to 15 percent slopes	10	15	5	0.28	0.68	PHEL
ToB2	Tomlin clay loam, 2 to 6 percent slopes, moderately eroded	2	6	5	0.28	0.68	PHEL
ToC2	Tomlin clay loam, 6 to 10 percent slopes, moderately eroded	6	10	5	0.28	0.68	PHEL
ToD2	Tomlin clay loam, 10 to 15 percent slopes, moderately eroded	10	15	5	0.28	0.68	PHEL
WdC	Wedowee sandy loam, 6 to 10 percent slopes	6	10	3	0.24	0.48	PHEL
WdD	Wedowee sandy loam, 10 to 15 percent slopes	10	15	3	0.24	0.48	PHEL
WeB	Wedowee-Waterree complex, 2 to 6 percent slopes	2	6	3	0.24	0.48	PHEL
WeC	Wedowee-Waterree complex, 6 to 10 percent slopes	6	10	3	0.24	0.48	PHEL
WeD	Wedowee-Waterree complex, 10 to 15 percent slopes	10	15	3	0.24	0.48	PHEL
WkB	Wickham fine sandy loam, 2 to 6 percent slopes	2	6	5	0.24	0.79	PHEL
WkC	Wickham fine sandy loam, 6 to 10 percent slopes	6	10	5	0.24	0.79	PHEL

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Map Symbol	Map Unit Name	Slope % low	Slope % high	T Factor	K Factor	LS(EI=8)	Status
WkD	Wickham fine sandy loam, 10 to 15 percent slopes	10	15	5	0.24	0.79	PHEL
WmB	Wickham fine sandy loam, mesic, 2 to 6 percent slopes	2	6	5	0.24	0.79	PHEL
WmC	Wickham fine sandy loam, mesic, 6 to 10 percent slopes	6	10	5	0.24	0.79	PHEL
WmD	Wickham fine sandy loam, mesic, 10 to 15 percent slopes	10	15	5	0.24	0.79	PHEL
WwC	Wynott-Wilkes-Poindexter complex, 2 to 10 percent slopes	2	10	3	0.37	0.31	PHEL

HIGHLY ERODIBLE LANDS
Forsyth County, North Carolina

Map Unit Symbol	Map Unit Name	Slope %	"K"	"T"	1/ LS=8T RK
<u>A. Highly Erodible</u>					
CeB2	Cecil clay loam	2-6	.28	3	.54
CeC2	Cecil clay loam	6-10	.28	3	.54
EnD	Enon fine sandy loam	10-15	.28	2	.27
Gu	Gullied land				
HIE	Hiwassee loam	15-25	.28	5	.68
LoF	Louisburg loamy sand	15-45	.10	2	.27
LwE	Louisburg-Wedowee complex	15-25	.10	2	.27
MaF	Madison fine sandy loam	15-45	.24	4	.63
McD2	Madison clay loam	10-15	.28	3	.54
PaF	Pacolet fine sandy loam	15-45	.20	3	.57
PcD2	Pacolet clay loam	10-15	.24	2	.32
PcF2	Pacolet clay loam	15-45	.24	2	.32
PeE3	Pacolet complex	10-25	.24	2	.32
PuE	Pacolet urban land complex	10-25	.24	2	.32
TaD	Tallapoosa fine sandy loam	6-15	.28	1	.14
TaF	Tallapoosa fine sandy loam	15-45	.28	1	.14
VaB	Vance sandy loam	2-6	.24	3	.68
VaC	Vance sandy loam	6-10	.24	3	.63
VaD	Vance sandy loam	10-15	.24	3	.63
WIC	Wilkes soils	6-10	.24	1	.32
WIF	Wilkes soils	15-45	.24	2	.32

Think the 10-15% slopes need to be
on highly erodible list. It means you have
slope lengths of 15 feet.

B. Potentially Highly Erodible

A1B	Altavista fine sandy loam	1-6	.24	5	.79
ApB	Appling sandy loam	2-6	.24	4	.63
ApC	Appling sandy loam	6-10	.24	4	.63
CcB	Cecil sandy loam	2-6	.28	4	.54
CcC	Cecil sandy loam	6-10	.28	4	.54
CcD	Cecil sandy loam } Don't believe this	10-15	.28	4	.54
EnB	Enon fine sandy loam	2-6	.28	3	.27
EnC	Enon fine sandy loam	6-10	.28	3	.27
H1B	Hiwassee loam	2-6	.28	5	.68
H1C	Hiwassee loam	6-10	.28	5	.68
H1D	Hiwassee loam	10-15	.28	5	.68
HmB2	Hiwassee clay loam	2-6	.28	5	.68
HmC2	Hiwassee clay loam	6-10	.28	5	.68
HmD2	Hiwassee clay loam } Don't believe this	10-15	.28	5	.68
IrB	Iredell fine sandy loam	2-6	.28	3	.41
LoD	Loulsburg loamy sand	6-15	.10	3	.76
MaB	Madison fine sandy loam	2-6	.24	4	.63
MaC	Madison fine sandy loam	6-10	.24	4	.63
MaD	Madison fine sandy loam } Don't believe	10-15	.24	4	.63
McB2	Madison clay loam	2-6	.28	4	.54
MeB	Mecklenburg loam, dark surface variant	2-6	.24	4	.63
MeC	Mecklenburg loam, dark surface variant	6-10	.24	4	.63
MeD	Mecklenburg loam, dark surface variant } Don't believe	10-15	.24	4	.63
PaB	Pacolet fine sandy loam	2-6	.20	3	.57
PaC	Pacolet fine sandy loam	6-10	.20	3	.57
PaD	Pacolet fine sandy loam } Don't believe	10-15	.20	3	.57
PcB2	Pacolet clay loam	2-6	.24	2	.32

PcC2	Pacolet clay loam	6-10	.24	2	.32
PcC3	Pacolet clay loam	6-10	.24	2	.32
PuC	Pacolet-urban land complex	2-10	.24	2	.32
WdB	Wedowee sandy loam	2-6	.24	3	.48
WdC	Wedowee sandy loam	6-10	.24	3	.48
WdD	Wedowee sandy loam <i>I Don't Believe</i>	10-15	.24	3	.48
WeB	Wedowee-Louisburg complex	2-6	.24	3	.48
WeC	Wedowee-Louisburg complex	6-10	.24	3	.48
WeD	Wedowee-Louisburg complex <i>I Don't Believe</i>	10-15	.24	3	.48
WkB	Wickham fine sandy loam	2-6	.24	5	.79
WkC	Wickham fine sandy loam	6-10	.24	5	.79
WkD	Wickham fine sandy loam	10-15	.24	5	.79

1/ $LS = \frac{8T}{RK}$ is the formula for determining the LS factor for an EI
(erosion index) of 8.