

HIGHLY ERODIBLE LANDS  
 Catawba County, North Carolina

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
CaC	Cecil sandy loam, 6 to 10 percent slopes	6	10	4	.28	0.44	HEL
CaD	Cecil sandy loam, 10 to 15 percent slopes	10	15	4	.28	0.44	HEL
CeC2	Cecil clay loam, 6 to 10 percent slopes, moderately eroded	6	10	3	.28	0.33	HEL
CfC	Clifford sandy loam, 6 to 10 percent slopes	6	10	4	.28	0.44	HEL
CgC2	Clifford sandy clay loam, 6 to 10 percent slopes, moderately eroded	6	10	3	.28	0.33	HEL
FaE3	Fairview clay loam, 10 to 25 percent slopes, severely eroded	10	25	2	.24	0.26	HEL
FdE2	Fairview soils, 10 to 25 percent slopes, moderately eroded	10	25	2	.24	0.26	HEL
LcD	Lloyd loam, 10 to 15 percent slopes	10	15	5	.28	0.55	HEL
LcE	Lloyd loam, 15 to 25 percent slopes	15	25	5	.28	0.55	HEL
MhE2	Madison-Bethlehem complex, 10 to 25 percent slopes, moderately eroded	10	25	4	.15	0.82	HEL
MkF4	Madison-Udorthents complex, 25 to 45 percent slopes, gullied	25	45	3	.28	0.33	HEL
MoE	Mocksville-Spriggs complex, 10 to 25 percent slopes, stony	10	25	3	.28	0.33	HEL
PaE3	Pacolet clay loam, 10 to 25 percent slopes, severely eroded	10	25	2	.24	0.26	HEL
PeE	Pacolet soils, 10 to 25 percent slopes	10	25	3	.15	0.62	HEL
PsF	Pacolet-Saw complex, 25 to 45 percent slopes, stony	25	45	3	.15	0.62	HEL
PxF4	Poplar Forest-Udorthents complex, 25 to 45 percent slopes, gullied	25	45	3	.28	0.33	HEL
TmD	Tomlin loam, 10 to 15 percent slopes	10	15	5	.28	0.55	HEL
TmE	Tomlin loam, 15 to 25 percent slopes	15	25	5	.28	0.55	HEL
TsE	Toast sandy loam, 10 to 25 percent slopes	10	25	3	.24	0.38	HEL
WdE	Wedowee sandy loam, 10 to 25 percent slopes	10	25	3	.24	0.38	HEL
WkE	Wilkes-Poindexter-Wynott complex, 10 to 25 percent slopes	10	25	1	.24	0.13	HEL
WoD2	Woolwine-Fairview complex, 10 to 25 percent slopes, moderately eroded	10	25	2	.15	0.41	HEL
WwF	Woolwine-Fairview-Westfield complex, 25 to 45 percent slopes, stony	25	45	2	.15	0.41	HEL
AsB	Appling sandy loam, 2 to 6 percent slopes	2	6	4	.24	0.51	PHEL
AsC	Appling sandy loam, 6 to 10 percent slopes	6	10	4	.24	0.51	PHEL
BaB	Banister fine sandy loam, 0 to 6 percent slopes, rarely flooded	0	6	5	.28	0.55	PHEL
CaB	Cecil sandy loam, 2 to 6 percent slopes	2	6	4	.28	0.44	PHEL
CeB2	Cecil clay loam, 2 to 6 percent slopes, moderately eroded	2	6	3	.28	0.33	PHEL

Map Unit Symbol	Map Unit Name	Slope % low	Slope % high	T factor	K factor	LS(EI=8)	Status
CfB	Clifford sandy loam, 2 to 6 percent slopes	2	6	4	.28	0.44	PHEL
CgB2	Clifford sandy clay loam, 2 to 6 percent slopes, moderately eroded	2	6	3	.28	0.33	PHEL
DoB	Dorian fine sandy loam, 0 to 6 percent slopes, rarely flooded	0	6	5	.28	0.55	PHEL
EnB	Enon fine sandy loam, 2 to 6 percent slopes	2	6	3	.24	0.38	PHEL
FcB	Fairview gravelly fine sandy loam, 2 to 6 percent slopes	2	6	3	.15	0.62	PHEL
FcC	Fairview gravelly fine sandy loam, 6 to 10 percent slopes	6	10	3	.15	0.62	PHEL
LcB	Lloyd loam, 2 to 6 percent slopes	2	6	5	.28	0.55	PHEL
LcC	Lloyd loam, 6 to 10 percent slopes	6	10	5	.28	0.55	PHEL
LdB2	Lloyd clay loam, 2 to 6 percent slopes, moderately eroded	2	6	5	.28	0.55	PHEL
LdC2	Lloyd clay loam, 6 to 10 percent slopes, moderately eroded	6	10	5	.28	0.55	PHEL
MgB	Madison gravelly sandy loam, 2 to 6 percent slopes	2	6	4	.15	0.82	PHEL
MgC	Madison gravelly sandy loam, 6 to 10 percent slopes	6	10	4	.15	0.82	PHEL
NaB	Nathalie sandy loam, 2 to 6 percent slopes	2	6	4	.24	0.51	PHEL
NaC	Nathalie sandy loam, 6 to 10 percent slopes	6	10	4	.24	0.51	PHEL
PcB	Pacolet gravelly fine sandy loam, 2 to 6 percent slopes	2	6	3	.15	0.62	PHEL
PcC	Pacolet gravelly fine sandy loam, 6 to 10 percent slopes	6	10	3	.15	0.62	PHEL
PvB	Poplar Forest gravelly sandy loam, 2 to 6 percent slopes	2	6	4	.15	0.82	PHEL
PvC	Poplar Forest gravelly sandy loam, 6 to 10 percent slopes	6	10	4	.15	0.82	PHEL
RaB	Rasalo-Zion complex, 2 to 6 percent slopes	2	6	3	.24	0.38	PHEL
TmB	Tomlin loam, 2 to 6 percent slopes	2	6	5	.28	0.55	PHEL
TmC	Tomlin loam, 6 to 10 percent slopes	6	10	5	.28	0.55	PHEL
ToB2	Tomlin clay loam, 2 to 6 percent slopes, moderately eroded	2	6	5	.28	0.55	PHEL
ToC2	Tomlin clay loam, 6 to 10 percent slopes, moderately eroded	6	10	5	.28	0.55	PHEL

This list appends the attached Highly Erodible Lands List issued April 1988, and reflects the correlated and published map units.

HEL – Highly Erodible

PHEL – Potentially Highly Erodible

HIGHLY ERODIBLE LANDS  
Catawba County, North Carolina

Map Unit Symbol	Map Unit Name	Slope %	"K"	"T" 1/	$LS = \frac{8T}{RK}$
<u>A. Highly Erodible (Based on minimum slope length of 40')</u>					
AsE2	Appling sandy loam, eroded	10-25	.24	4	.51
CmC2	Cecil sandy loam, eroded	6-10	.28	4	.44
CmD2	Cecil sandy loam, eroded	10-15	.28	4	.44
CnC2	Cecil clay loam, eroded	6-10	.28	3	.33
CnE3	Cecil clay loam, severely eroded	10-25	.28	2	.33
HsD2	Hiwassee loam, eroded	10-15	.28	5	.55
HsE	Hiwassee loam	15-25	.28	5	.55
MgE2	Madison gravelly sandy loam, eroded	10-25	.15	4	.82
PaF	Pacolet gravelly sandy loam	25-45	.15	3	.62
PeE	Pacolet soils	10-25	.15	3	.62
WkE	Wilkes loam	10-25	.24	1	.13
<u>B. Potentially Highly Erodible</u>					
Af	Altavista fine sandy loam, clayey	2-6	.24	5	.64
AsB	Appling sandy loam	2-6	.24	4	.51
AsC2	Appling sandy loam, eroded	6-10	.24	4	.51
CmB2	Cecil sandy loam, eroded	2-6	.28	4	.44
CnB2	Cecil clay loam, eroded	2-6	.28	3	.33
EnB	Enon fine sandy loam	2-6	.28	3	.33
HsB2	Hiwassee loam, eroded	2-6	.28	5	.55
HsC2	Hiwassee loam, eroded	6-10	.28	5	.55
HwB2	Hiwassee clay loam, eroded	2-6	.28	5	.55
HwC2	Hiwassee clay loam, eroded	6-10	.28	5	.55

POTENTIALLY HIGHLY ERODIBLE LAND - CATAWBA CO.

MgB2	Madison gravelly sandy loam, eroded	2-6	.15	4	.82
MgC2	Madison gravelly sandy loam, eroded	6-10	.15	4	.82
PcB	Pacolet gravelly fine sandy loam	2-6	.15	3	.62
PcC	Pacolet gravelly fine sandy loam	6-10	.15	3	.62
Wo	Worsham fine sandy loam	0-6	.28	4	.44

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