

MARYLAND COMAR - HIGHLY ERODIBLE SOILS - CECIL COUNTY, MARYLAND

JEB 2/10

**NOTES:** Table is based on data from NRCS SSURGO data (7/31/2009) exported from the Soil Data Mart. This table lists soils meeting the Maryland COMAR and local SCD definition of Highly Erodible Soils (HES). Percent Composition is only given for major components, not minor components. Slope percentage is representative value (mid range). K-Factor is from surface layer. Not Rated = n/r. Highly Erodible Soils (HES) Criteria element: K Factor=K Factor > 0.35 and slopes > 5%; Slope=slopes > 15%.

Map Unit Sym	Map Unit Name and Major Component(s)	% Composition	% Slope	Total Acres	K Factor	HES Criteria
BeC	Beltsville silt loam, 5 to 10 percent slopes			2993.8		K Factor
	Beltsville	70	7		0.37	
BkD:	Brinklow channery loam, 15 to 25 percent slopes			1549.2		Slope
	Brinklow	70	20			
BnF:	Brinklow-Blocktown complex, 25 to 65 percent slopes			316.4		Slope
	Brinklow	55	45			
	Blocktown	45	45			
BrvD:	Brinklow channery loam, 15 to 25 percent slopes, very stony			197.8		Slope
	Brinklow, very stony	70	20			
BrvF:	Brinklow channery loam, 25 to 65 percent slopes, very stony			527.3		Slope
	Brinklow, very stony	70	45			
CcD	Chillum-Urban land complex, 5 to 15 percent slopes			117.5		K Factor
	Chillum	60	10		0.43	
	Urban land	15	n/r		n/r	
CfD	Christiana-Sassafras-Urban land complex, 5 to 15 percent slopes			354.4		K Factor
	Christiana	40	7		0.43	
	Sassafras	30	7		0.24	
	Urban land	20	n/r		n/r	
CgD:	Chrome silt loam, 15 to 25 percent slopes			357.2		Slope
	Chrome	95	20			
CgE:	Chrome silt loam, 25 to 45 percent slopes			182.2		Slope
	Chrome	95	35			
CqB	Conowingo silt loam, 3 to 8 percent slopes			236.6		K Factor
	Conowingo	90	5		0.37	
CqC	Conowingo silt loam, 8 to 15 percent slopes			89.7		K Factor
	Conowingo	90	11		0.37	
CrB	Conowingo-Watchung complex, 0 to 8 percent slopes, very stony			317.6		K Factor
	Conowingo	55	5		0.37	
	Watchung	35	2		0.32	
DaB	Delanco silt loam, 3 to 8 percent slopes			87.2		K Factor
	Delanco	90	5		0.37	
DcB	Delanco-Codorus-Hatboro complex, 0 to 8 percent slopes, flooded			401.0		K Factor
	Delanco	40	5		0.37	
	Codorus	35	2		0.37	
	Hatboro	25	2		0.37	
EnB	Elsinboro silt loam, 3 to 8 percent slopes			463.4		K Factor
	Elsinboro	95	5		0.37	
ErB	Elsinboro-Delanco-Urban land complex, 0 to 8 percent slopes			1265.0		K Factor
	Elsinboro	45	5		0.37	
	Delanco	30	2		0.37	
	Urban land	15	n/r		n/r	
EtC	Elsinboro-Wheaton-Urban land complex, 8 to 25 percent slopes			30.2		K Factor & Slope
	Elsinboro	45	12		0.37	
	Wheaton	40	15		0.49	
	Urban land	15	n/r		n/r	
GaD:	Gaila loam, 15 to 25 percent slopes			729.2		Slope
	Gaila	90	20			
GaE:	Gaila loam, 25 to 45 percent slopes			239.0		Slope
	Gaila	80	35			
GgD:	Glenelg silt loam, 15 to 25 percent slopes			1.4		Slope
	Glenelg	85	20			
GhB	Glenelg-Wheaton-Urban land complex, 0 to 8 percent slopes			2035.5		K Factor
	Glenelg	45	5		0.28	
	Wheaton	30	5		0.49	
	Urban land	25	n/r		n/r	
GhC	Glenelg-Wheaton-Urban land complex, 8 to 15 percent slopes			125.6		K Factor
	Glenelg	45	11		0.28	
	Wheaton	30	8		0.49	
	Urban land	25	n/r		n/r	

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Map Unit Sym	Map Unit Name and Major Component(s)	% Composition	% Slope	Total Acres	K Factor	HES Criteria
KpC	Keyport silt loam, 5 to 10 percent slopes			437.3		K Factor
	Keyport	80	7		0.49	
LaD:	Legore silt loam, 15 to 25 percent slopes			414.4		Slope
	Legore	90	20			
LaE:	Legore silt loam, 25 to 45 percent slopes			234.4		Slope
	Legore	90	35			
LbC:	Legore gravelly silt loam, 8 to 25 percent slopes, extremely stony			4.5		Slope
	Legore, extremely stony	90	20			
LbE:	Legore silt loam, 15 to 45 percent slopes, very stony			965.0		Slope
	Legore, very stony	90	30			
MaD:	Manor loam, 15 to 25 percent slopes			2506.1		Slope
	Manor	90	20			
MaE:	Manor loam, 25 to 45 percent slopes			409.7		Slope
	Manor	90	35			
MkC	Matapeake silt loam, 5 to 10 percent slopes			6011.5		K Factor
	Matapeake	80	7		0.49	
MkD	Matapeake silt loam, 10 to 15 percent slopes			1974.5		K Factor
	Matapeake	80	12		0.49	
MtC	Mattapex silt loam, 5 to 10 percent slopes			571.3		K Factor
	Mattapex	75	6		0.43	
MyD:	Montalto silty clay loam, 15 to 25 percent slopes			552.9		Slope
	Montalto	90	20			
NvD:	Neshaminy-Montalto silt loams, 15 to 25 percent slopes, very stony			234.3		Slope
	Neshaminy, very deep over gabbro; v. stony	55	20			
	Montalto, very stony	45	20			
NvE:	Neshaminy-Montalto silt loams, 25 to 45 percent slopes, very stony			125.1		Slope
	Neshaminy, very deep over gabbro; v. stony	55	35			
	Montalto, very stony	45	35			
ReC	Reybold silt loam, 5 to 10 percent slopes			77.9		K Factor
	Reybold	75	7		0.43	
RmC	Russett-Christiana-Hambrook complex, 5 to 10 percent slopes			6584.2		K Factor
	Russett	45	7		0.28	
	Christiana	35	7		0.43	
	Hambrook	20	7		0.24	
RmD	Russett-Christiana-Hambrook complex, 10 to 15 percent slopes			2995.4		K Factor
	Russett	45	12		0.28	
	Christiana	35	12		0.43	
	Hambrook	20	12		0.24	
SaE:	Sassafras sandy loam, 15 to 25 percent slopes			3143.8		Slope
	Sassafras	75	17			
SME:	Sassafras and Croom soils, 15 to 25 percent slopes			2434.9		K Factor & Slope
	Sassafras	45	17		0.24	
	Croom	35	20		0.37	
SMF:	Sassafras and Croom soils, 25 to 40 percent slopes			652.8		K Factor & Slope
	Sassafras	45	35		0.24	
	Croom	35	35		0.37	
UaC	Udorthents, bedrock substratum, 8 to 15 percent slopes			36.2		K Factor
	Udorthents	95	10		0.43	
UzF:	Udorthents, 10 to 30 percent slopes			424.5		Slope
	Udorthents, loamy	85	20			
VndC:	Urban land-Neshaminy complex, 8 to 25 percent slopes			177.9		Slope
	Urban land	50	2			
	Neshaminy, very deep over gabbro	40	15			
VwB	Urban land-Wheaton complex, 0 to 8 percent slopes			322.1		K Factor
	Urban land	60	n/r		n/r	
	Wheaton	40	5		0.49	
VwC	Urban land-Wheaton complex, 8 to 15 percent slopes			67.9		K Factor
	Urban land	60	n/r		n/r	
	Wheaton	40	11		0.49	
WoC	Woodstown loam, 5 to 10 percent slopes			1607.7		K Factor
	Woodstown	85	7		0.37	