

Report: Index Surface Runoff Classes
USDA-NRCS Soil Survey Database

Cameron and Elk Counties, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AbB	ALBRIGHTS SILT LOAM 3 TO 8 PERCENT SLOPES	ALBRIGHTS	moderately well	Very high
AbC	ALBRIGHTS SILT LOAM, 8 TO 15 PERCENT SLOPES	ALBRIGHTS	moderately well	Very high
AbD	ALBRIGHTS SILT LOAM, 15 TO 25 PERCENT SLOPES	ALBRIGHTS	moderately well	Very high
At	ATKINS SILT LOAM	ATKINS	poorly	Very high
Ba	BARBOUR FINE SANDY LOAM	BARBOUR	well	Low
Bb	BASHER SILT LOAM	BASHER	moderately well	Low
BrA	BRINKERTON SILT LOAM, 0 TO 3 PERCENT SLOPES	BRINKERTON	poorly	Very high
BrB	BRINKERTON SILT LOAM, 3 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BsB	BRINKERTON SILT LOAM, 0 TO 8 PERCENT, VERY STONY	BRINKERTON	poorly	Very high
BuB	BUCHANAN SILT LOAM, 3 TO 8 PERCENT SLOPES	BUCHANAN	moderately well	Very high
BuC	BUCHANAN SILT LOAM, 8 TO 15 PERCENT SLOPES	BUCHANAN	moderately well	Very high
BuD	BUCHANAN SILT LOAM, 15 TO 25 PERCENT SLOPES	BUCHANAN	moderately well	Very high
BxB	BUCHANAN SILT LOAM, 0 TO 8 PERCENT, VERY STONY	BUCHANAN	moderately well	Very high
BxD	BUCHANAN SILT LOAM, 8 TO 25 PERCENT SLOPES, VERY STONY	BUCHANAN	moderately well	Very high
CaA	CAVODE SILT LOAM, 0 TO 3 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CaB	CAVODE SILT LOAM, 3 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CaC	CAVODE SILT LOAM, 8 TO 15 PERCENT SLOPES	CAVODE	somewhat poorly	Very high
CdB	CAVODE SILT LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	CAVODE	somewhat poorly	Very high
CdD	CAVODE SILT LOAM, 8 TO 25 PERCENT SLOPES, VERY STONY	CAVODE	somewhat poorly	Very high
CoA	COOKPORT CHANNERY LOAM, 0 TO 3 PERCENT SLOPES	COOKPORT	moderately well	Medium
CoB	COOKPORT CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	COOKPORT	moderately well	High
CoC	COOKPORT CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	COOKPORT	moderately well	High

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
CpB	COOKPORT CHANNERY LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	COOKPORT	moderately well	Medium
CpD	COOKPORT CHANNERY LOAM, 8 TO 25 PERCENT SLOPES, VERY STONY	COOKPORT	moderately well	High
HaB	HARTLETON CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	HARTLETON	well	Low
HaC	HARTLETON CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	HARTLETON	well	Low
HaD	HARTLETON CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	HARTLETON	well	Medium
HaF	HARTLETON CHANNERY SILT LOAM, 25 TO 60 PERCENT SLOPES	HARTLETON	well	Medium
HeB	HARTLETON CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	HARTLETON	well	Very low
HeD	HARTLETON CHANNERY SILT LOAM, 8 TO 25 PERCENT SLOPES, VERY STONY	HARTLETON	well	Low
HoB	HAZLETON CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	HAZLETON	well	Low
HoC	HAZLETON CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	HAZLETON	well	Low
HoD	HAZLETON CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	HAZLETON	well	Medium
HxB	HAZLETON CHANNERY LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	HAZLETON	well	Very low
HxD	HAZLETON CHANNERY LOAM, 8 TO 25 PERCENT SLOPES, VERY STONY	HAZLETON	well	Low
HxF	HAZLETON CHANNERY LOAM, 25 TO 60 PERCENT SLOPES, VERY STONY	HAZLETON	well	Medium
HyE	HAZLETON CHANNERY LOAM, 8 TO 35 PERCENT SLOPES, EXTREMELY BOULDERY	HAZLETON	well	Medium
LeB	LECK KILL CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	LECK KILL	well	Low
LeC	LECK KILL CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	LECK KILL	well	Low
LeD	LECK KILL CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	LECK KILL	well	Medium
LeF	LECK KILL CHANNERY SILT LOAM, 25 TO 60 PERCENT SLOPES	LECK KILL	well	Medium
NoA	NOLO LOAM, 0 TO 3 PERCENT SLOPES	NOLO	poorly	Very high

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NoB	NOLO LOAM, 3 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
NxB	NOLO LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	NOLO	poorly	Very high
Ph	PHILO SILT LOAM	PHILO	moderately well	Low
Po	POPE SILT LOAM	POPE	well	Low
Ub	UDIFLUVENTS - BUCHANAN COMPLEX	UDIFLUVENTS	well	Low
Ub	UDIFLUVENTS - BUCHANAN COMPLEX	BUCHANAN	moderately well	Very high
Ud	UDORTHENTS, SANDSTONE AND SHALE	UDORTHENTS	well	Medium
Us	UDORTHENTS, SANDSTONE AND SHALE, SMOOTHED	UDORTHENTS	well	Medium
W	WATER	WATER		---
WaB	WHARTON SILT LOAM, 3 TO 8 PERCENT SLOPES	WHARTON	moderately well	High
WaC	WHARTON SILT LOAM, 8 TO 15 PERCENT SLOPES	WHARTON	moderately well	High
WaD	WHARTON SILT LOAM, 15 TO 25 PERCENT SLOPES	WHARTON	moderately well	Very high
WxB	WHARTON SILT LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	WHARTON	moderately well	Medium
WxD	WHARTON SILT LOAM, 8 TO 25 PERCENT SLOPES, VERY STONY	WHARTON	moderately well	High

(1) A null value in Ksat makes the calculated runoff class uncertain. Null values are most commonly in bedrock layers or hardpans that should be assigned impermeable or very slow Ksat values. Calculation Based on National Soils Handbook, Part 618-50; and Soil Survey Manual, p113-114
09/12/2003