

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

Clearfield County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AlB	ALLEGHENY SILT LOAM, 3 TO 8 PERCENT SLOPES	ALLEGHENY	well	Medium
Ar	ARMAGH SILT LOAM	ARMAGH	poorly	Very high
At	ATKINS SILT LOAM	ATKINS	poorly	Very high
BeB	BERKS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	BERKS	well	Low
BeC	BERKS CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	BERKS	well	Low
BeD	BERKS CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	BERKS	well	Medium
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
BrB	BRINKERTON SILT LOAM, 3 TO 8 PERCENT SLOPES	ERNEST	moderately well	Medium
BxB	BRINKERTON VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Medium
BxB	BRINKERTON VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	ERNEST	moderately well	Low
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
ClB	CLYMER CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	CLYMER	well	Medium
ClC	CLYMER CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	CLYMER	well	Medium
CmB	CLYMER VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	CLYMER	well	Low
CmC	CLYMER VERY STONY LOAM, 8 TO 15 PERCENT SLOPES	CLYMER	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
CxB	COOKPORT VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	COOKPORT	moderately well	Medium
CxD	COOKPORT VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	COOKPORT	moderately well	High

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DeB	DEKALB CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	DEKALB	well	Very low
DeC	DEKALB CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	DEKALB	well	Very low
DeD	DEKALB CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	DEKALB	well	Low
DxB	DEKALB VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	DEKALB	well	Negligible
DxD	DEKALB VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	DEKALB	well	Very low
ErB	ERNEST SILT LOAM, 3 TO 8 PERCENT SLOPES	ERNEST	moderately well	Medium
ErC	ERNEST SILT LOAM, 8 TO 15 PERCENT SLOPES	ERNEST	moderately well	Medium
ErD	ERNEST SILT LOAM, 15 TO 25 PERCENT SLOPES	ERNEST	moderately well	High
ExB	ERNEST VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	ERNEST	moderately well	Low
ExD	ERNEST VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	ERNEST	moderately well	Medium
G1B	GILPIN CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	GILPIN	well	Medium
G1C	GILPIN CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	GILPIN	well	Medium
GmB	GILPIN VERY STONY SILT LOAM, 2 TO 8 PERCENT SLOPES	GILPIN	well	Medium
GmD	GILPIN VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	GILPIN	well	Medium
HaD	HAZLETON CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	HAZLETON	well	Medium
HbD	HAZLETON VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	HAZLETON	well	Low
HbF	HAZLETON VERY STONY LOAM, 25 TO 80 PERCENT SLOPES	HAZLETON	well	Medium
HcB	HAZLETON-CLYMER CHANNERY LOAMS, 3 TO 8 PERCENT SLOPES	HAZLETON	well	Low
HcB	HAZLETON-CLYMER CHANNERY LOAMS, 3 TO 8 PERCENT SLOPES	CLYMER	well	Medium
HcC	HAZLETON-CLYMER CHANNERY LOAMS, 8 TO 15 PERCENT SLOPES	HAZLETON	well	Low

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HcC	HAZLETON-CLYMER CHANNERY LOAMS, 8 TO 15 PERCENT SLOPES	CLYMER	well	Medium
HdB	HAZLETON-CLYMER VERY STONY LOAMS, 0 TO 8 PERCENT SLOPES	HAZLETON	well	Very low
HdB	HAZLETON-CLYMER VERY STONY LOAMS, 0 TO 8 PERCENT SLOPES	CLYMER	well	Low
LeB	LEETONIA VERY STONY LOAMY FINE SAND, 0 TO 12 PERCENT SLOPES	LEETONIA	well	Low
MoB	MONONGAHELA SILT LOAM, 3 TO 8 PERCENT SLOPES	MONONGAHELA	moderately well	Medium
NoA	NOLO LOAM, 0 TO 3 PERCENT SLOPES	NOLO	poorly	Very high
NoB	NOLO LOAM, 3 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
NxB	NOLO VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	NOLO	poorly	Very high
Ph	PHILO SILT LOAM	PHILO	moderately well	Low
Po	POPE LOAM	POPE	well	Low
Pu	PURDY SILT LOAM	PURDY	very poorly	High
RaB	RAYNE SILT LOAM, 3 TO 8 PERCENT SLOPES	RAYNE	well	Medium
RaC	RAYNE SILT LOAM, 8 TO 15 PERCENT SLOPES	RAYNE	well	Medium
RbF	RAYNE CHANNERY SILT LOAM, 25 TO 65 PERCENT SLOPES	RAYNE	well	High
RcD	RAYNE-GILPIN COMPLEX, 15 TO 25 PERCENT SLOPES	RAYNE	well	High
RcD	RAYNE-GILPIN COMPLEX, 15 TO 25 PERCENT SLOPES	GILPIN	well	High
Ru	RUBBLE LAND-DYSTROCHREPTS COMPLEX	RUBBLE LAND	excessively	Low
Ru	RUBBLE LAND-DYSTROCHREPTS COMPLEX	DYSTROCHREPTS	somewhat excessively	Low
TyA	TYLER SILT LOAM, 0 TO 3 PERCENT SLOPES	TYLER	somewhat poorly	Very high
TyB	TYLER SILT LOAM, 3 TO 6 PERCENT SLOPES	TYLER	somewhat poorly	Very high
Ud	UDIFLUVENTS, SANDY	UDIFLUVENTS	moderately well	Low
Uo	UDORTHENTS, SHALE, 0 TO 50 PERCENT SLOPES	UDORTHENTS	well	Medium
Up	UDORTHENTS, SMOOTHED, 0 TO 50 PERCENT SLOPES	UDORTHENTS	well	Medium
Ur	URBAN LAND	URBAN LAND		--- (1)

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W	WATER	WATER		---
WhB	WHARTON SILT LOAM, 3 TO 8 PERCENT SLOPES	WHARTON	moderately well	High
WhC	WHARTON SILT LOAM, 8 TO 15 PERCENT SLOPES	WHARTON	moderately well	High
WhD	WHARTON SILT LOAM, 15 TO 25 PERCENT SLOPES	WHARTON	moderately well	Very 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