

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

Crawford County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
Ad	ALDEN SILT LOAM	ALDEN	very poorly	Very high
AvA	ALVIRA SILT LOAM, 0 TO 3 PERCENT SLOPES	ALVIRA	somewhat poorly	Very high
AvB	ALVIRA SILT LOAM, 3 TO 8 PERCENT SLOPES	ALVIRA	somewhat poorly	Very high
BrA	BRACEVILLE GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	BRACEVILLE	moderately well	Low
BrB	BRACEVILLE GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	BRACEVILLE	moderately well	Medium
CaA	CAMBRIDGE SILT LOAM, 0 TO 3 PERCENT SLOPES	CAMBRIDGE	moderately well	Medium
CaB	CAMBRIDGE SILT LOAM, 3 TO 8 PERCENT SLOPES	CAMBRIDGE	moderately well	High
CaC	CAMBRIDGE SILT LOAM, 8 TO 15 PERCENT SLOPES	CAMBRIDGE	moderately well	High
CaD	CAMBRIDGE SILT LOAM, 15 TO 25 PERCENT SLOPES	CAMBRIDGE	moderately well	High
CbB	CAMBRIDGE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	VENANGO	somewhat poorly	Very high
CbD	CAMBRIDGE VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	VENANGO	somewhat poorly	Very high
CcB	CAMBRIDGE-VENANGO SILT LOAMS, 3 TO 8 PERCENT SLOPES	CAMBRIDGE	moderately well	High
CcB	CAMBRIDGE-VENANGO SILT LOAMS, 3 TO 8 PERCENT SLOPES	VENANGO	somewhat poorly	Very high
CcB	CAMBRIDGE-VENANGO SILT LOAMS, 3 TO 8 PERCENT SLOPES	FRENCHTOWN	poorly	Medium
Cd	CANADICE SILT LOAM	CANADICE	poorly	Very high
CeA	CANEADEA SILT LOAM, 0 TO 3 PERCENT SLOPES	CANEADEA	somewhat poorly	Very high
CeB	CANEADEA SILT LOAM, 3 TO 8 PERCENT SLOPES	CANEADEA	somewhat poorly	Very high
CF	CUT AND FILL	CUT AND FILL		--- (1)
CM	CARLISLE MUCK	CARLISLE	very poorly	Very low
CoA	CHENANGO GRAVELLY SILT LOAM, 0 TO 3 PERCENT SLOPES	CHENANGO	well	Very low
CoB	CHENANGO GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	CHENANGO	well	Low
CoC	CHENANGO GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	CHENANGO	well	Low

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DAM	DAMS	Dams		--- (1)
FhA	FRENCHTOWN SILT LOAM, 0 TO 3 PERCENT SLOPES	FRENCHTOWN	poorly	Very high
FhB	FRENCHTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES	FRENCHTOWN	poorly	Very high
FvB	FRENCHTOWN VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	FRENCHTOWN	poorly	Very high
Ha	HALSEY SILT LOAM	HALSEY	very poorly	Very high
HnA	HANOVER SILT LOAM, 0 TO 3 PERCENT SLOPES	HANOVER	moderately well	Medium
HnB	HANOVER SILT LOAM, 3 TO 8 PERCENT SLOPES	HANOVER	moderately well	High
HnC	HANOVER SILT LOAM, 8 TO 15 PERCENT SLOPES	HANOVER	moderately well	High
HoB	HANOVER VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	HANOVER	moderately well	Medium
HoD	HANOVER VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	HANOVER	moderately well	High
HvA	HAVEN SILT LOAM, 0 TO 3 PERCENT SLOPES	HAVEN	well	Low
HvB	HAVEN SILT LOAM, 3 TO 8 PERCENT SLOPES	HAVEN	well	Medium
Hy	HOLLY SILT LOAM	HOLLY	poorly	Very high
Hz	HOLLY SILTY CLAY LOAM	HOLLY	very poorly	Very high
Ph	PHILO SILT LOAM	PHILO	moderately well	Low
PkB	PLATEA SILT LOAM, 3 TO 8 PERCENT SLOPES	PLATEA	somewhat poorly	Very high
Po	POPE LOAM	POPE	well	Low
Qu	QUARRIES	Quarries		--- (1)
Rh	RED HOOK LOAM	RED HOOK	somewhat poorly	Very high
ScA	SCIO SILT LOAM, 0 TO 3 PERCENT SLOPES	SCIO	moderately well	Low
ScB	SCIO SILT LOAM, 3 TO 8 PERCENT SLOPES	SCIO	moderately well	Medium
Sh	SHEFFIELD SILT LOAM	SHEFFIELD	poorly	Very high
SM	STRIP MINES	STRIP MINES		---
SmA	SHELMADINE SILT LOAM, 0 TO 3 PERCENT SLOPES	SHELMADINE	poorly	Very high
SmB	SHELMADINE SILT LOAM, 3 TO 8 PERCENT SLOPES	SHELMADINE	poorly	Very high

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VaB	VALOIS GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	VALOIS	well	Medium
VaC	VALOIS GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	VALOIS	well	Medium
VaD	VALOIS GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	VALOIS	well	High
VLF	VALOIS SOILS, VERY STEEP	VALOIS	well	High
VmB	VALOIS-CAMBRIDGE COMPLEX, 3 TO 8 PERCENT SLOPES	VALOIS	well	Medium
VmB	VALOIS-CAMBRIDGE COMPLEX, 3 TO 8 PERCENT SLOPES	CAMBRIDGE	moderately well	High
VmC	VALOIS-CAMBRIDGE COMPLEX, 8 TO 15 PERCENT SLOPES	VALOIS	well	Medium
VmC	VALOIS-CAMBRIDGE COMPLEX, 8 TO 15 PERCENT SLOPES	CAMBRIDGE	moderately well	High
VnA	VENANGO SILT LOAM, 0 TO 3 PERCENT SLOPES	VENANGO	somewhat poorly	Very high
VnB	VENANGO SILT LOAM, 3 TO 8 PERCENT SLOPES	VENANGO	somewhat poorly	Very high
VnC	VENANGO SILT LOAM, 8 TO 15 PERCENT SLOPES	VENANGO	somewhat poorly	Very high
VoB	VENANGO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	VENANGO	somewhat poorly	Very high
VoC	VENANGO VERY STONY SILT LOAM, 8 TO 15 PERCENT SLOPES	VENANGO	somewhat poorly	Very high
W	WATER, CENSUS AND SMALL	WATER		---
WyA	WYOMING GRAVELLY SANDY LOAM, 0 TO 3 PERCENT SLOPES	WYOMING	somewhat excessively	Negligible
WyB	WYOMING GRAVELLY SANDY LOAM, 3 TO 8 PERCENT	WYOMING	somewhat excessively	Very low
WyC	WYOMING GRAVELLY SANDY LOAM, 8 TO 15 PERCENT SLOPES	WYOMING	somewhat excessively	Very low
WyD	WYOMING GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES	WYOMING	somewhat excessively	Low

(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