

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

Bradford and Sullivan Counties, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AgB	ALTON GRAVELLY SANDY LOAM, 0 TO 8 PERCENT SLOPES	ALTON	well	Low
Ao	AQUEPTS, RUBBLLY	AQUEPTS	poorly	Very high
ArC	ARNOT VERY CHANNERY LOAM, ROCKY, 3 TO 15 PERCENT SLOPES	ARNOT	well	Medium
AsD	ARNOT-ROCK OUTCROP COMPLEX, 3 TO 25 PERCENT SLOPES	ARNOT	well	High
AsD	ARNOT-ROCK OUTCROP COMPLEX, 3 TO 25 PERCENT SLOPES	ROCK OUTCROP		Medium
BaB	BRACEVILLE SILT LOAM, 0 TO 8 PERCENT SLOPES	BRACEVILLE	moderately well	Medium
CaA	CANADICE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	CANADICE	poorly	Very high
CnB	CHENANGO GRAVELLY LOAM, 0 TO 8 PERCENT SLOPES	CHENANGO	somewhat excessively	Low
CpA	CHIPPEWA SILT LOAM, 0 TO 3 PERCENT SLOPES	CHIPPEWA	poorly	High
CpB	CHIPPEWA SILT LOAM, 3 TO 8 PERCENT SLOPES	CHIPPEWA	poorly	Very high
Du	DUMPS, MINE	DUMPS	somewhat excessively	---
DyF	DYSTROCHREPTS, DEEP-WELLSBORO-OQUAGA ASSOCIATION, STEEP	DYSTROCHREPTS, DEEP	excessively	Low
DyF	DYSTROCHREPTS, DEEP-WELLSBORO-OQUAGA ASSOCIATION, STEEP	WELLSBORO	moderately well	High
DyF	DYSTROCHREPTS, DEEP-WELLSBORO-OQUAGA ASSOCIATION, STEEP	OQUAGA	well	High
Ho	HOLLY SOILS	HOLLY	very poorly	Low
Ln	LINDEN SOILS	LINDEN	well	Very low
LoB	LORDSTOWN CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	LORDSTOWN	well	Medium
LoC	LORDSTOWN CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	LORDSTOWN	well	Medium
LoD	LORDSTOWN CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	LORDSTOWN	well	High
LpB	LORDSTOWN VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	LORDSTOWN	well	Medium
LpD	LORDSTOWN VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	LORDSTOWN	well	High

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MaB	MARDIN CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	MARDIN	moderately well	High
MaC	MARDIN CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	MARDIN	moderately well	High
MaD	MARDIN CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	MARDIN	moderately well	High
MbB	MARDIN VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	MARDIN	moderately well	High
MbD	MARDIN VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	MARDIN	moderately well	High
Md	MEDISAPRISTS, PONDED	MEDISAPRISTS	very poorly	Very low
MoB	MORRIS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
MoC	MORRIS CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
MsB	MORRIS VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
MsD	MORRIS VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
NoB	NORWICH VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	NORWICH	very poorly	Very high
OcF	OCHREPTS-ROCK OUTCROP COMPLEX, STEEP	OCHREPTS	excessively	---
OcF	OCHREPTS-ROCK OUTCROP COMPLEX, STEEP	ROCK OUTCROP	excessively	---
OgB	OQUAGA CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	OQUAGA	well	Medium
OgC	OQUAGA CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	OQUAGA	well	Medium
OgD	OQUAGA CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	OQUAGA	well	High
OsB	OQUAGA EXTREMELY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	OQUAGA	well	Medium
OsD	OQUAGA EXTREMELY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	OQUAGA	well	Medium
Po	POPE SOILS	POPE	well	Low
ReA	REXFORD SILT LOAM, 0 TO 3 PERCENT SLOPES	REXFORD	somewhat poorly	Very high
ReA	REXFORD SILT LOAM, 0 TO 3 PERCENT SLOPES	REXFORD - poorly drained	poorly	Very high
ReB	REXFORD SILT LOAM, 3 TO 8 PERCENT SLOPES	REXFORD	somewhat poorly	Very high

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ReB	REXFORD SILT LOAM, 3 TO 8 PERCENT SLOPES	REXFORD - poorly drained	poorly	Very high
ReC	REXFORD SILT LOAM, 8 TO 12 PERCENT SLOPES	REXFORD	somewhat poorly	Very high
ReC	REXFORD SILT LOAM, 8 TO 12 PERCENT SLOPES	REXFORD - poorly drained	poorly	Very high
Uc	UDIFLUVENTS, COBBLY	UDIFLUVENTS	moderately well	---
Ud	UDORTHENTS, STRIP MINE	UDORTHENTS	somewhat excessively	---
UnB	UNADILLA SILT LOAM, 3 TO 8 PERCENT SLOPES	UNADILLA	well	Medium
UnC	UNADILLA SILT LOAM, 8 TO 15 PERCENT SLOPES	UNADILLA	well	Medium
VoB	VOLUSIA CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
VoC	VOLUSIA CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
VoD	VOLUSIA CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
VsB	VOLUSIA VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
VsD	VOLUSIA VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
w	WATER	WATER		---
WbB	WELLSBORO CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	WELLSBORO	moderately well	High
WbC	WELLSBORO CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	WELLSBORO	moderately well	High
WbD	WELLSBORO CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	WELLSBORO	moderately well	High
WgB	WELLSBORO VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	WELLSBORO	moderately well	High
WgD	WELLSBORO VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	WELLSBORO	moderately well	High
WmB	WYOMING GRAVELLY SANDY LOAM, 3 TO 8 PERCENT SLOPES	WYOMING	somewhat excessively	Very low
WmC	WYOMING GRAVELLY SANDY LOAM, 8 TO 15 PERCENT SLOPES	WYOMING	somewhat excessively	Very low

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WmD	WYOMING GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES	WYOMING	somewhat excessively	Low
WmF	WYOMING GRAVELLY SANDY LOAM, 25 TO 45 PERCENT SLOPES	WYOMING	somewhat excessively	Low
WoC	WYOMING VERY STONY SANDY LOAM, 3 TO 15 PERCENT SLOPES	WYOMING	somewhat excessively	Very 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