

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

Pike County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
5B	SUNCOOK LOAMY SAND, 0 TO 8 PERCENT SLOPES	SUNCOOK	excessively	Negligible
7B	SHOHOLA-EDGEMERE COMPLEX, 0 TO 8 PERCENT SLOPES, VERY RUBBLY	SHOHOLA	somewhat poorly	Very high
7B	SHOHOLA-EDGEMERE COMPLEX, 0 TO 8 PERCENT SLOPES, VERY RUBBLY	EDGEMERE	poorly	Medium
7C	SHOHOLA-EDGEMERE COMPLEX, 8 TO 15 PERCENT SLOPES, VERY RUBBLY	SHOHOLA	somewhat poorly	Very high
7C	SHOHOLA-EDGEMERE COMPLEX, 8 TO 15 PERCENT SLOPES, VERY RUBBLY	EDGEMERE	poorly	High
9B	CRAIGSVILLE-WYOMING COMPLEX, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	CRAIGSVILLE	well	Negligible
9B	CRAIGSVILLE-WYOMING COMPLEX, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	WYOMING	somewhat excessively	Negligible
11A	EDGEMERE EXTREMELY STONY LOAM, 0 TO 3 PERCENT SLOPES, VERY RUBBLY	EDGEMERE	poorly	Medium
12	GLENEYRE-KIMBLES COMPLEX, 0 TO 2 PERCENT SLOPES	GLENEYRE	very poorly	Low
12	GLENEYRE-KIMBLES COMPLEX, 0 TO 2 PERCENT SLOPES	KIMBLES	poorly	Very high
14	BRACEVILLE FINE SANDY LOAM	BRACEVILLE	moderately well	Low
15	POPE FINE SANDY LOAM	POPE	well	Very low
18	PAUPACK MUCKY PEAT	PAUPACK	very poorly	Very low
19B	MORRIS VERY CHANNERY LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	MORRIS	somewhat poorly	Very high
19C	MORRIS VERY CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	MORRIS	somewhat poorly	Very high
20	FREETOWN MUCKY PEAT	FREETOWN	very poorly	Very high
21B	MANLIUS VERY CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, VERY BOULDERY	MANLIUS	well	High
21C	MANLIUS VERY CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, VERY BOULDERY	MANLIUS	well	High
24A	DELAWARE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	DELAWARE	well	Very low
24B	DELAWARE FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES	DELAWARE	well	Low
24C	DELAWARE FINE SANDY LOAM, 8 TO 20 PERCENT SLOPES	DELAWARE	well	Low

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

Pike County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
25B	WURTSBORO CHANNERY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES, STONY	WURTSBORO	moderately well	Medium
25C	WURTSBORO CHANNERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, STONY	WURTSBORO	moderately well	High
26	PHILO LOAM	PHILO	moderately well	Low
27	BARBOUR FINE SANDY LOAM	BARBOUR	well	Low
28B	WELLSBORO STONY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	WELLSBORO	moderately well	Medium
28C	WELLSBORO STONY LOAM, 8 TO 15 PERCENT SLOPES, EXTREMELY STONY	WELLSBORO	moderately well	High
28D	WELLSBORO STONY LOAM, 15 TO 25 PERCENT SLOPES, EXTREMELY STONY	WELLSBORO	moderately well	High
29B	WELLSBORO CHANNERY LOAM, 0 TO 8 PERCENT SLOPES, STONY	WELLSBORO	moderately well	Medium
29C	WELLSBORO CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, STONY	WELLSBORO	moderately well	High
30B	WURTSBORO STONY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	WURTSBORO	moderately well	Medium
30C	WURTSBORO STONY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, EXTREMELY STONY	WURTSBORO	moderately well	High
30D	WURTSBORO STONY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, EXTREMELY STONY	WURTSBORO	moderately well	High
38B	SWARTSWOOD STONY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	SWARTSWOOD	well	Low
38C	SWARTSWOOD STONY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, EXTREMELY STONY	SWARTSWOOD	well	Medium
38D	SWARTSWOOD STONY FINE SANDY LOAM, 15 TO 30 PERCENT SLOPES, EXTREMELY STONY	SWARTSWOOD	well	High
50C	WASNOT VERY FLAGGY SANDY LOAM, 3 TO 15 PERCENT SLOPES, VERY ROCKY	WASNOT	somewhat excessively	Low
50E	WASNOT VERY FLAGGY SANDY LOAM, 15 TO 35 PERCENT SLOPES, VERY ROCKY	WASNOT	somewhat excessively	Medium
58C	SKYTOP VERY FLAGGY SANDY LOAM, 8 TO 15 PERCENT SLOPES, EXTREMELY STONY	SKYTOP	well	Very low
58E	SKYTOP VERY FLAGGY SANDY LOAM, 15 TO 35 PERCENT SLOPES, EXTREMELY STONY	SKYTOP	well	Low
60B	MARDIN CHANNERY SILT LOAM, 0 TO 8 PERCENT SLOPES, STONY	MARDIN	moderately well	Medium

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

Pike County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
60C	MARDIN CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, STONY	MARDIN	moderately well	High
61B	MARDIN STONY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	MARDIN	moderately well	Medium
61C	MARDIN STONY LOAM, 8 TO 15 PERCENT SLOPES, EXTREMELY STONY	MARDIN	moderately well	High
75	UNADILLA SILT LOAM	UNADILLA	well	Low
89B	CHENANGO GRAVELLY FINE SANDY LOAM, 0 TO 8 PERCENT SLOPES	CHENANGO	well	Very low
89C	CHENANGO GRAVELLY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	CHENANGO	well	Low
89D	CHENANGO GRAVELLY FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	CHENANGO	well	Medium
97B	LORDSTOWN VERY CHANNERY LOAM, 3 TO 8 PERCENT SLOPES, VERY STONY	LORDSTOWN	well	Medium (1)
97C	LORDSTOWN VERY CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, VERY STONY	LORDSTOWN	well	Medium (1)
108B	WYOMING AND CHENANGO SOILS, 0 TO 8 PERCENT SLOPES	CHENANGO	well	Very low
108B	WYOMING AND CHENANGO SOILS, 0 TO 8 PERCENT SLOPES	WYOMING	somewhat excessively	Negligible
108C	WYOMING AND CHENANGO SOILS, 8 TO 15 PERCENT SLOPES	CHENANGO	well	Low
108C	WYOMING AND CHENANGO SOILS, 8 TO 15 PERCENT SLOPES	WYOMING	somewhat excessively	Very low
111B	EDGEMERE-SHOHOLA COMPLEX, 3 TO 15 PERCENT SLOPES, VERY RUBBLY	SHOHOLA	somewhat poorly	Very high
111B	EDGEMERE-SHOHOLA COMPLEX, 3 TO 15 PERCENT SLOPES, VERY RUBBLY	EDGEMERE	very poorly	High
121D	MANLIUS-ARNOT-ROCK OUTCROP COMPLEX, 15 TO 30 PERCENT SLOPES, RUBBLY	MANLIUS	well	High
121D	MANLIUS-ARNOT-ROCK OUTCROP COMPLEX, 15 TO 30 PERCENT SLOPES, RUBBLY	ARNOT	somewhat excessively	High (1)
121D	MANLIUS-ARNOT-ROCK OUTCROP COMPLEX, 15 TO 30 PERCENT SLOPES, RUBBLY	ROCK OUTCROP		---
121F	MANLIUS-ARNOT-ROCK OUTCROP COMPLEX, 30 TO 80 PERCENT SLOPES, RUBBLY	MANLIUS	well	High
121F	MANLIUS-ARNOT-ROCK OUTCROP COMPLEX, 30 TO 80 PERCENT SLOPES, RUBBLY	ARNOT	somewhat excessively	High (1)

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

Pike County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
121F	MANLIUS-ARNOT-ROCK OUTCROP COMPLEX, 30 TO 80 PERCENT SLOPES, RUBBLY	ROCK OUTCROP		---
143	WYALUSING FINE SANDY LOAM	WYALUSING	poorly	Very high
239B	OQUAGA VERY STONY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY BOULDERY	OQUAGA	well	Low
239C	OQUAGA VERY STONY LOAM, 8 TO 15 PERCENT SLOPES, EXTREMELY BOULDERY	OQUAGA	well	Medium
239D	OQUAGA VERY STONY LOAM, 15 TO 30 PERCENT SLOPES, EXTREMELY BOULDERY	OQUAGA	well	High
240F	OQUAGA-ARNOT-ROCK OUTCROP COMPLEX, 20 TO 60 PERCENT SLOPES, VERY RUBBLY	OQUAGA	well	High
240F	OQUAGA-ARNOT-ROCK OUTCROP COMPLEX, 20 TO 60 PERCENT SLOPES, VERY RUBBLY	ARNOT	somewhat excessively	High
240F	OQUAGA-ARNOT-ROCK OUTCROP COMPLEX, 20 TO 60 PERCENT SLOPES, VERY RUBBLY	ROCK OUTCROP		---
258F	SKYTOP-WASNOT-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES, VERY RUBBLY	SKYTOP	well	Low
258F	SKYTOP-WASNOT-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES, VERY RUBBLY	WASNOT	somewhat excessively	Medium
258F	SKYTOP-WASNOT-ROCK OUTCROP COMPLEX, 15 TO 60 PERCENT SLOPES, VERY RUBBLY	ROCK OUTCROP		---
320B	LACKAWANNA CHANNERY LOAM, 3 TO 8 PERCENT SLOPES, STONY	LACKAWANNA	well	High
320C	LACKAWANNA CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, STONY	LACKAWANNA	well	High
321B	LACKAWANNA CHANNERY LOAM, 3 TO 8 PERCENT SLOPES, EXTREMELY STONY	LACKAWANNA	well	High
321C	LACKAWANNA CHANNERY LOAM, 8 TO 15 PERCENT SLOPES, EXTREMELY STONY	LACKAWANNA	well	High
321D	LACKAWANNA CHANNERY LOAM, 15 TO 30 PERCENT SLOPES, EXTREMELY STONY	LACKAWANNA	well	High
402C	ARNOT VERY CHANNERY LOAM, 3 TO 15 PERCENT SLOPES, VERY ROCKY	ARNOT	somewhat excessively	Medium
402E	ARNOT VERY CHANNERY LOAM, 15 TO 35 PERCENT SLOPES, VERY ROCKY	ARNOT	somewhat excessively	High
442B	WYOMING VERY COBBLY SANDY LOAM, 3 TO 8 PERCENT SLOPES	WYOMING	somewhat excessively	Negligible
442C	WYOMING VERY COBBLY SANDY LOAM, 8 TO 15 PERCENT SLOPES	WYOMING	somewhat excessively	Very low

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

Pike County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
442D	WYOMING VERY COBBLY SANDY LOAM, 15 TO 30 PERCENT SLOPES	WYOMING	somewhat excessively	Low
897B	LORDSTOWN-SWARTSWOOD COMPLEX, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	LORDSTOWN	well	Low (1)
897B	LORDSTOWN-SWARTSWOOD COMPLEX, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	SWARTSWOOD	well	Low
897C	LORDSTOWN-SWARTSWOOD COMPLEX, 8 TO 15 PERCENT SLOPES, EXTREMELY STONY	LORDSTOWN	well	Medium (1)
897C	LORDSTOWN-SWARTSWOOD COMPLEX, 8 TO 15 PERCENT SLOPES, EXTREMELY STONY	SWARTSWOOD	well	Medium
897D	LORDSTOWN-SWARTSWOOD COMPLEX, 15 TO 30 PERCENT SLOPES, EXTREMELY STONY	LORDSTOWN	well	High (1)
897D	LORDSTOWN-SWARTSWOOD COMPLEX, 15 TO 30 PERCENT SLOPES, EXTREMELY STONY	SWARTSWOOD	well	High
BP	PITS, SHALE AND GRAVEL	SHALE PIT	excessively	High (1)
BP	PITS, SHALE AND GRAVEL	GRAVEL PIT	excessively	---
DAMS	DAMS AND IMPOUNDMENT STRUCTURES	DAMS		---
QA	QUARRY, ROCK	ROCK QUARRY		---
W	WATER	WATER		---

(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