

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

Wayne County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
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
18	PAUPACK MUCKY PEAT	PAUPACK	very poorly	Very low
20	FREETOWN MUCKY PEAT	FREETOWN	very poorly	Very high
26	PHILO LOAM	PHILO	moderately well	Low
28B	WELLSBORO STONY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	WELLSBORO	moderately well	Medium
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
111B	EDGEMERE-SHOHOLA COMPLEX, 3 TO 15 PERCENT SLOPES, VERY RUBBLY	EDGEMERE	very poorly	High
111B	EDGEMERE-SHOHOLA COMPLEX, 3 TO 15 PERCENT SLOPES, VERY RUBBLY	SHOHOLA	somewhat poorly	Very high
143	WYALUSING FINE SANDY LOAM	WYALUSING	poorly	Very high
239B	OQUAGA VERY STONY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY BOULDERY	OQUAGA	well	Low
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

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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		---
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
ArB	ARNOT CHANNERY LOAM, VERY ROCKY, 3 TO 8 PERCENT SLOPES	ARNOT	somewhat excessively	Medium
ArC	ARNOT CHANNERY LOAM, VERY ROCKY, 8 TO 15 PERCENT SLOPES	ARNOT	somewhat excessively	Medium
ArD	ARNOT CHANNERY LOAM, VERY ROCKY, 15 TO 25 PERCENT SLOPES	ARNOT	somewhat excessively	High
Ba	BARBOUR LOAM	BARBOUR	well	Low
Ba	BARBOUR LOAM	BARBOUR, FREQUENTLY FLOODED	well	---
Bh	BASHER SILT LOAM	BASHER	moderately well	Low
DAM	DAMS AND IMPOUNDMENT STRUCTURES	DAMS		---
FF	FLUVENTS AND FLUVAQUENTS, COBBLY	FLUVENTS	excessively	Low
FF	FLUVENTS AND FLUVAQUENTS, COBBLY	FLUVAQUENTS	poorly	Very high
Ho	HOLLY SILT LOAM	HOLLY	poorly	Very high
La	LINDEN FINE SANDY LOAM, RARELY FLOODED	LINDEN	well	Very low
LaB	LACKAWANNA CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	LACKAWANNA	well	High
LaD	LACKAWANNA CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	LACKAWANNA	well	High
LbB	LACKAWANNA EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	LACKAWANNA	well	High
LbD	LACKAWANNA EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	LACKAWANNA	well	High
LdB	LORDSTOWN CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	LORDSTOWN	well	Medium

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LdC	LORDSTOWN CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	LORDSTOWN	well	Medium
LdD	LORDSTOWN CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	LORDSTOWN	well	High
LxB	LORDSTOWN EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	LORDSTOWN	well	Medium
LxC	LORDSTOWN EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	LORDSTOWN	well	Medium
MaB	MARDIN CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	MARDIN	moderately well	High
MaC	MARDIN CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	MARDIN	moderately well	High
MaD	MARDIN CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	MARDIN	moderately well	High
MdB	MARDIN EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	MARDIN	moderately well	High
MdD	MARDIN EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	MARDIN	moderately well	High
ME	MEDIHEMISTS AND MEDIFIBRISTS	MEDIHEMISTS	very poorly	Very low
ME	MEDIHEMISTS AND MEDIFIBRISTS	MEDIFIBRISTS	very poorly	Very low
MoA	MORRIS CHANNERY LOAM, 0 TO 3 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
MoB	MORRIS CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
MoC	MORRIS CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
MxB	MORRIS EXTREMELY STONY LOAM, 0 TO 8 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
MxC	MORRIS EXTREMELY STONY LOAM, 8 TO 15 PERCENT SLOPES	MORRIS	somewhat poorly	Very high
NcA	NORWICH AND CHIPPEWA CHANNERY SILT LOAMS, 0 TO 3 PERCENT SLOPES	NORWICH	very poorly	Very high
NcA	NORWICH AND CHIPPEWA CHANNERY SILT LOAMS, 0 TO 3 PERCENT SLOPES	CHIPPEWA	very poorly	High
NxA	NORWICH AND CHIPPEWA EXTREMELY STONY SILT LOAMS, 0 TO 3 PERCENT SLOPES	NORWICH	very poorly	Very high
NxA	NORWICH AND CHIPPEWA EXTREMELY STONY SILT LOAMS, 0 TO 3 PERCENT SLOPES	CHIPPEWA	very poorly	High

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OaB	OQUAGA CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	OQUAGA	well	Medium
OaC	OQUAGA CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	OQUAGA	well	Medium
OaD	OQUAGA CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	OQUAGA	well	High
OxB	OQUAGA EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	OQUAGA	well	Medium
OxD	OQUAGA EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	OQUAGA	well	Medium
OyF	OQUAGA AND LORDSTOWN EXTREMELY STONY LOAMS, 25 TO 70 PERCENT SLOPES	OQUAGA	well	High
OyF	OQUAGA AND LORDSTOWN EXTREMELY STONY LOAMS, 25 TO 70 PERCENT SLOPES	LORDSTOWN	well	High
Pt	PITS, BORROW	PITS	somewhat excessively	---
Qu	QUARRIES	QUARRIES	somewhat excessively	---
Re	REXFORD LOAM	REXFORD	somewhat poorly	Very high
RoD	ROCK OUTCROP-ARNOT COMPLEX, 3 TO 25 PERCENT SLOPES	ROCK OUTCROP	excessively	---
RoD	ROCK OUTCROP-ARNOT COMPLEX, 3 TO 25 PERCENT SLOPES	ARNOT	well	High
SwB	SWARTSWOOD CHANNERY SANDY LOAM, 3 TO 8 PERCENT SLOPES	SWARTSWOOD	moderately well	Medium
SwC	SWARTSWOOD CHANNERY SANDY LOAM, 8 TO 15 PERCENT SLOPES	SWARTSWOOD	moderately well	Medium
SwD	SWARTSWOOD CHANNERY SANDY LOAM, 15 TO 25 PERCENT SLOPES	SWARTSWOOD	moderately well	High
SxB	SWARTSWOOD EXTREMELY STONY SANDY LOAM, 3 TO 8 PERCENT SLOPES	SWARTSWOOD	moderately well	Medium
SxD	SWARTSWOOD EXTREMELY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	SWARTSWOOD	moderately well	High
UA	UDORTHENTS, STRIP MINE	UDORTHENTS		Low
VoA	VOLUSIA CHANNERY SILT LOAM, 0 TO 3 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
VoB	VOLUSIA CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high

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VoC	VOLUSIA CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
VxB	VOLUSIA EXTREMELY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
VxC	VOLUSIA EXTREMELY STONY SILT LOAM, 8 TO 15 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
W	WATER	WATER		---
WeB	WELLSBORO CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	WELLSBORO	moderately well	High
WeC	WELLSBORO CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	WELLSBORO	moderately well	High
WeD	WELLSBORO CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	WELLSBORO	moderately well	High
WkB	WURTSBORO CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	WURTSBORO	moderately well	High
WkC	WURTSBORO CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	WURTSBORO	moderately well	High
WoB	WELLSBORO EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	WELLSBORO	moderately well	High
WoD	WELLSBORO EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	Wellsboro	moderately well	High
WxF	WELLSBORO AND MARDIN EXTREMELY STONY LOAMS, 25 TO 50 PERCENT SLOPES	WELLSBORO	moderately well	High
WxF	WELLSBORO AND MARDIN EXTREMELY STONY LOAMS, 25 TO 50 PERCENT SLOPES	MARDIN	moderately well	High
Wy	WYALUSING SILT LOAM	WYALUSING	poorly	Very high
WyB	WYOMING GRAVELLY SANDY LOAM, 3 TO 8 PERCENT SLOPES	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
WyE	WYOMING GRAVELLY SANDY LOAM, 25 TO 45 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