

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

Susquehanna 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
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
AsD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	ARNOT	somewhat excessively	Medium
AsD	Arnot-Rock outcrop complex, 8 to 25 percent slopes	ROCK OUTCROP		---
ASE	Arnot-Rock outcrop complex, steep	ARNOT	somewhat excessively	High
ASE	Arnot-Rock outcrop complex, steep	ROCK OUTCROP		---
Ba	Barbour fine sandy loam	BARBOUR	well	Low
Bc	Basher silt loam	BASHER	moderately well	Low
BeB2	Bath channery loam, 3 to 12 percent slopes, moderately eroded	BATH	well	High
BeC2	Bath channery loam, 12 to 20 percent slopes, moderately eroded	BATH	well	High
BfB2	Bath flaggy loam, 3 to 12 percent slopes, moderately eroded	BATH	well	High
BfC2	Bath flaggy loam, 12 to 20 percent slopes, moderately eroded	BATH	well	High
BfD2	Bath flaggy loam, 20 to 30 percent slopes, moderately eroded	BATH	well	High
BsB	Bath very stony loam, 0 to 12 percent slopes	BATH	well	High
BsD	Bath very stony loam, 12 to 30 percent slopes	BATH	well	High

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BsF	Bath very stony loam, 30 to 60 percent slopes	BATH	well	High
CnA	Chenango gravelly silt loam, 0 to 3 percent slopes	CHENANGO	well	Very low
CnB2	Chenango gravelly silt loam, 3 to 12 percent slopes, moderately eroded	CHENANGO	well	Low
CnC2	Chenango gravelly silt loam, 12 to 20 percent slopes, moderately eroded	CHENANGO	well	Low
CnD2	Chenango gravelly silt loam, 20 to 30 percent slopes, moderately eroded	CHENANGO	well	Medium
Cu	Cut and fill land	CUT AND FILL LAND		---
DAM	Dams	DAMS		---
FF	Fluvents and Fluvaquents, cobbly	FLUVENTS	excessively	Low
FF	Fluvents and Fluvaquents, cobbly	FLUVAQUENTS	poorly	Very high
GP	Pits, Shale, and Gravel	GRAVEL PIT	excessively	---
GP	Pits, Shale, and Gravel	SHALE PIT	excessively	High (1)
Hw	Holly silt loam	HOLLY	poorly	Very high
LaB2	Lackawanna channery silt loam, 3 to 12 percent slopes, moderately eroded	LACKAWANNA	well	High
LaC2	Lackawanna channery silt loam, 12 to 20 percent slopes, moderately eroded	LACKAWANNA	well	High
LaD2	Lackawanna channery silt loam, 20 to 30 percent slopes, moderately eroded	LACKAWANNA	well	High
LdB	Lordstown channery loam, 3 to 8 percent slopes	LORDSTOWN	well	Medium
LdC	Lordstown channery loam, 8 to 15 percent slopes	LORDSTOWN	well	Medium
LeB	Lordstown channery silt loam, 3 to 8 percent slopes	LORDSTOWN	well	Medium
LfB	Lackawanna flaggy silt loam, 3 to 12 percent slopes	LACKAWANNA	well	High
LfC2	Lackawanna flaggy silt loam, 12 to 20 percent slopes, moderately eroded	LACKAWANNA	well	High
LfD2	Lackawanna flaggy silt loam, 20 to 30 percent slopes, moderately eroded	LACKAWANNA	well	High
LgB	Lackawanna very stony silt loam, 0 to 12 percent slopes	LACKAWANNA	well	High

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LgD	Lackawanna very stony silt loam, 12 to 30 percent slopes	LACKAWANNA	well	High
LgF	Lackawanna very stony silt loam, 30 to 50 percent slopes	LACKAWANNA	well	High
LkB2	Lordstown and Oquaga channery silt loams, 3 to 12 percent slopes, moderately eroded	LORDSTOWN	well	Medium
LkB2	Lordstown and Oquaga channery silt loams, 3 to 12 percent slopes, moderately eroded	OQUAGA	well	Medium
LkC2	Lordstown and Oquaga channery silt loams, 12 to 20 percent slopes, moderately eroded	LORDSTOWN	well	Medium
LkC2	Lordstown and Oquaga channery silt loams, 12 to 20 percent slopes, moderately eroded	OQUAGA	well	Medium
LkD2	Lordstown and Oquaga channery silt loams, 20 to 30 percent slopes, moderately eroded	LORDSTOWN	well	High
LkD2	Lordstown and Oquaga channery silt loams, 20 to 30 percent slopes, moderately eroded	OQUAGA	well	High
LoB	Lordstown and Oquaga flaggy silt loams, 3 to 12 percent slopes	LORDSTOWN	well	Medium
LoB	Lordstown and Oquaga flaggy silt loams, 3 to 12 percent slopes	OQUAGA	well	Medium
LoC2	Lordstown and Oquaga flaggy silt loams, 12 to 20 percent slopes, moderately eroded	LORDSTOWN	well	Medium
LoC2	Lordstown and Oquaga flaggy silt loams, 12 to 20 percent slopes, moderately eroded	OQUAGA	well	Medium
LoD2	Lordstown and Oquaga flaggy silt loams, 20 to 30 percent slopes, moderately eroded	LORDSTOWN	well	High
LoD2	Lordstown and Oquaga flaggy silt loams, 20 to 30 percent slopes, moderately eroded	OQUAGA	well	High
LsB	Lordstown and Oquaga very stony silt loams, 0 to 12 percent slopes	LORDSTOWN	well	Medium
LsB	Lordstown and Oquaga very stony silt loams, 0 to 12 percent slopes	OQUAGA	well	Medium

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LsD	Lordstown and Oquaga very stony silt loams, 12 to 30 percent slopes	LORDSTOWN	well	High
LsD	Lordstown and Oquaga very stony silt loams, 12 to 30 percent slopes	OQUAGA	well	High
LsF	Lordstown and Oquaga very stony silt loams, 30 to 70 percent slopes	LORDSTOWN	well	High
LsF	Lordstown and Oquaga very stony silt loams, 30 to 70 percent slopes	OQUAGA	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
McB2	Mardin channery silt loam, 3 to 8 percent slopes, moderately eroded	MARDIN	moderately well	Very high
McC2	Mardin channery silt loam, 8 to 15 percent slopes, moderately eroded	MARDIN	moderately well	Very high
McD2	Mardin channery silt loam, 15 to 25 percent slopes, moderately eroded	MARDIN	moderately well	Very high
MD	Mine dump	MINE DUMP		Medium
MfB2	Mardin flaggy silt loam, 3 to 8 percent slopes, moderately eroded	MARDIN	moderately well	Very high
MfC2	Mardin flaggy silt loam, 8 to 15 percent slopes, moderately eroded	MARDIN	moderately well	Very high
MfD2	Mardin flaggy silt loam, 15 to 25 percent slopes, moderately eroded	MARDIN	moderately well	Very high
MgB	Mardin very stony silt loam, 0 to 8 percent slopes	MARDIN	moderately well	High
MgD	Mardin very stony silt loam, 8 to 25 percent slopes	MARDIN	moderately well	Very high
MgF	Mardin very stony silt loam, 25 to 50 percent slopes	MARDIN	moderately well	Very high
Mn	Mixed alluvial land	FLUVENTS	moderately well	Low
MoA	Morris channery silt loam, 0 to 3 percent slopes	MORRIS	somewhat poorly	Very high
MoB2	Morris channery silt loam, 3 to 8 percent slopes, moderately eroded	MORRIS	somewhat poorly	Very high
MoC2	Morris channery silt loam, 8 to 15 percent slopes moderately eroded	MORRIS	somewhat poorly	Very high

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MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
MrB2	Morris flaggy silt loam, 3 to 8 percent slopes, moderately eroded	MORRIS	somewhat poorly	Very high
MrC2	Morris flaggy silt loam, 8 to 15 percent slopes, moderately eroded	MORRIS	somewhat poorly	Very high
MrD2	Morris flaggy silt loam, 15 to 25 percent slopes, moderately eroded	MORRIS	somewhat poorly	Very high
MsB	Morris very stony silt loam, 0 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
NcA	Norwich and Chippewa soils, 0 to 3 percent slopes	NORWICH	very poorly	Very high
NcA	Norwich and Chippewa soils, 0 to 3 percent slopes	CHIPPEWA	poorly	High
NcB	Norwich and Chippewa soils, 3 to 8 percent slopes	NORWICH	very poorly	Very high
NcB	Norwich and Chippewa soils, 3 to 8 percent slopes	CHIPPEWA	poorly	Very high
NsB	Norwich and Chippewa very stony soils, 0 to 8 percent slopes	NORWICH	very poorly	Very high
NsB	Norwich and Chippewa very stony soils, 0 to 8 percent slopes	CHIPPEWA	poorly	High
NxB	Norwich and Chippewa extremely stony silt loams, 0 to 8 percent slopes	NORWICH	poorly	Very high
NxB	Norwich and Chippewa extremely stony silt loams, 0 to 8 percent slopes	CHIPPEWA	poorly	Very high
OaB	Oquaga channery loam, 3 to 8 percent slopes	OQUAGA	well	Medium
OaC	Oquaga channery loam, 8 to 15 percent slopes	OQUAGA	well	Medium
OfB	Oquaga flaggy loam, 3 to 8 percent slopes	OQUAGA	well	Medium
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

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Pt	Peat	HISTOSOLS	very poorly	Very low
QA	Rock quarry	ROCK QUARRY		---
SxD	Swartswood extremely stony loam, 8 to 25 percent slopes	SWARTSWOOD	well	Medium
Te	Terrace escarpments	TERRACE ESCARPMENTS	well	Low
UA	Udorthents, strip mine	UDORTHENTS		Low
Us	Unadilla silt loam	UNADILLA	well	Low
VcA	Volusia channery silt loam, 0 to 3 percent slopes	VOLUSIA	somewhat poorly	Very high
VcB2	Volusia channery silt loam, 3 to 8 percent slopes, moderately eroded	VOLUSIA	somewhat poorly	Very high
VcC2	Volusia channery silt loam, 8 to 15 percent slopes, moderately eroded	VOLUSIA	somewhat poorly	Very high
VcD2	Volusia channery silt loam, 15 to 25 percent slopes, moderately eroded	VOLUSIA	somewhat poorly	Very high
VfB	Volusia flaggy silt loam, 3 to 8 percent slopes	VOLUSIA	somewhat poorly	Very high
VfC	Volusia flaggy silt loam, 8 to 15 percent slopes	VOLUSIA	somewhat poorly	Very high
VfD	Volusia flaggy silt loam, 15 to 25 percent slopes	VOLUSIA	somewhat poorly	Very high
VsB	Volusia very stony silt loam, 0 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		---
WeB2	Wellsboro channery silt loam, 3 to 8 percent slopes, moderately eroded	WELLSBORO	moderately well	High
WeC2	Wellsboro channery silt loam, 8 to 15 percent slopes, moderately eroded	WELLSBORO	moderately well	High
WeD2	Wellsboro channery silt loam, 15 to 25 percent slopes, moderately eroded	WELLSBORO	moderately well	High
WkC	Wurtsboro channery loam, 8 to 15 percent slopes	WURTSBORO	moderately well	High
WlB2	Wellsboro flaggy silt loam, 3 to 8 percent slopes, moderately eroded	WELLSBORO	moderately well	High

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WlC2	Wellsboro flaggy silt loam, 8 to 15 percent slopes, moderately eroded	WELLSBORO	moderately well	High
WlD2	Wellsboro flaggy silt loam, 15 to 25 percent slopes, moderately eroded	WELLSBORO	moderately well	High
WsB	Wellsboro very stony silt loam, 0 to 8 percent slopes	WELLSBORO	moderately well	Medium
WsD	Wellsboro very stony silt loam, 8 to 25 percent slopes	WELLSBORO	moderately well	High
WsF	Wellsboro very stony silt loam, 25 to 50 percent slopes	WELLSBORO	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

(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