

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

Lycoming County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AbB	ALBRIGHTS SILT LOAM, 3 TO 8 PERCENT SLOPES	Albrights	moderately well	Very high
AbC	ALBRIGHTS SILT LOAM, 8 TO 15 PERCENT SLOPES	Albrights	moderately well	Very high
AlB	ALLENWOOD GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	Allenwood	well	Medium
AlC	ALLENWOOD GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	Allenwood	well	Medium
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
AvC	ALVIRA SILT LOAM, 8 TO 15 PERCENT SLOPES	Alvira	somewhat poorly	Very high
AxB	ALVIRA VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	Alvira	somewhat poorly	Very high
Ba	BARBOUR FINE SANDY LOAM	Barbour	well	Low
Bb	BARBOUR FINE SANDY LOAM, OCCASIONALLY FLOODED	Barbour	well	Low
Bc	BASHER SILT LOAM	Basher	moderately well	Low
Bd	BASHER SILT LOAM, OCCASIONALLY FLOODED	Basher	moderately well	Low
BeB	BERKS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	Berks	well	Low
BeC	BERKS CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	Berks	well	Low
BeD	BERKS CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	Berks	well	Medium
BuB	BUCHANAN VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	Buchanan	moderately well	Medium
BuD	BUCHANAN VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	Buchanan	moderately well	High
ChA	CHENANGO GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	Chenango	well	Very low
ClA	CLARKSBURG SILT LOAM, 0 TO 3 PERCENT SLOPES	Clarksburg	moderately well	Low
ClB	CLARKSBURG SILT LOAM, 3 TO 8 PERCENT SLOPES	Clarksburg	moderately well	Medium
CmB	CLYMER CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	Clymer	well	Medium
CmC	CLYMER CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	Clymer	well	Medium

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CnB	CLYMER VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	Clymer	well	Low
CnD	CLYMER VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	Clymer	well	Medium
CoB	COOKPORT LOAM, 3 TO 8 PERCENT SLOPES	Cookport	moderately well	High
CxB	COOKPORT VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	Cookport	moderately well	Medium
CxD	COOKPORT VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	Cookport	moderately well	High
DeB	DEKALB CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	Dekalb	well	Low
DeC	DEKALB CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	Dekalb	well	Low
DkB	DEKALB VERY STONY SANDY LOAM, 0 TO 8 PERCENT SLOPES	Dekalb	well	Very low
DkD	DEKALB VERY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	Dekalb	well	Low
DlE	DEKALB AND LEHEW VERY STONY SANDY LOAMS, 25 TO 80 PERCENT SLOPES	Dekalb	well	Medium
DlE	DEKALB AND LEHEW VERY STONY SANDY LOAMS, 25 TO 80 PERCENT SLOPES	Lehew	well	Medium
DuB	DUNCANNON LOAM, 3 TO 8 PERCENT SLOPES	Duncannon	well	Medium
HaA	HAGERSTOWN SILT LOAM, 0 TO 3 PERCENT SLOPES	Hagerstown	well	Low
HaB	HAGERSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES	Hagerstown	well	Medium
HaC	HAGERSTOWN SILT LOAM, 8 TO 20 PERCENT SLOPES	Hagerstown	well	Medium
HhB	HARTLETON CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	Hartleton	well	Low
HhC	HARTLETON CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	Hartleton	well	Low
HhD	HARTLETON CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	Hartleton	well	Medium
Ho	HOLLY SILT LOAM	Holly	very poorly	Very high
KlB	KLINESVILLE SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	Klinesville	somewhat excessively	Low
KlC	KLINESVILLE SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	Klinesville	somewhat excessively	Low

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K1d	KLINESVILLE SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	Klinesville	somewhat excessively	Medium
LaB	LACKAWANNA CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	Lackawanna	well	High
LaC	LACKAWANNA CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	Lackawanna	well	High
LbB	LACKAWANNA VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	Lackawanna	well	Medium
LbD	LACKAWANNA VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	Lackawanna	well	High
LdB	LAIDIG CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	Laidig	well	Medium
LdC	LAIDIG CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	Laidig	well	Medium
LgB	LAIDIG VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	Laidig	well	Low
LgD	LAIDIG VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	Laidig	well	Medium
LgE	LAIDIG VERY STONY LOAM, 25 TO 70 PERCENT SLOPES	Laidig	well	High
LkB	LECK KILL CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	Leck kill	well	Low
LkC	LECK KILL CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	Leck kill	well	Low
LkD	LECK KILL CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	Leck kill	well	Medium
Lm	LINDEN LOAM	Linden	well	Very low
Ln	LINDEN LOAM, OCCASIONALLY FLOODED	Linden	well	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
MrB	MORRIS VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	Morris	somewhat poorly	Very high
NoB	NOLO VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	Nolo	poorly	Very high
NrA	NORWICH SILT LOAM, 0 TO 3 PERCENT SLOPES	Norwich	poorly	Very high
NxB	NORWICH VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	Norwich	poorly	Very high

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OgB	OQUAGA CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	Oquaga	well	Medium
OgC	OQUAGA CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	Oquaga	well	Medium
OgD	OQUAGA CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	Oquaga	well	High
OxB	OQUAGA AND LORDSTOWN VERY STONY LOAMS, 0 TO 8 PERCENT SLOPES	Oquaga	well	Medium
OxB	OQUAGA AND LORDSTOWN VERY STONY LOAMS, 0 TO 8 PERCENT SLOPES	Lordstown	well	Medium
OxD	OQUAGA AND LORDSTOWN VERY STONY LOAMS, 8 TO 25 PERCENT SLOPES	Oquaga	well	Medium
OxD	OQUAGA AND LORDSTOWN VERY STONY LOAMS, 8 TO 25 PERCENT SLOPES	Lordstown	well	Medium
OxE	OQUAGA AND LORDSTOWN VERY STONY LOAMS, 25 TO 70 PERCENT SLOPES	Oquaga	well	High
OxE	OQUAGA AND LORDSTOWN VERY STONY LOAMS, 25 TO 70 PERCENT SLOPES	Lordstown	well	High
Pt	PITS	Pits		---
Re	REXFORD GRAVELLY LOAM	Rexford	poorly	Very high
Ru	RUBBLE LAND-DYSTROCHREPTS COMPLEX, 15 TO 80 PERCENT SLOPES	Rubble land	excessively	Low
Ru	RUBBLE LAND-DYSTROCHREPTS COMPLEX, 15 TO 80 PERCENT SLOPES	Dystrochrepts	somewhat excessively	Low
ShA	SHELMADINE SILT LOAM, 0 TO 3 PERCENT SLOPES	Shelmadine	poorly	Very high
ShB	SHELMADINE SILT LOAM, 3 TO 8 PERCENT SLOPES	Shelmadine	poorly	Very high
SvB	SHELMADINE VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	Shelmadine	poorly	Very high
SxD	SWARTSWOOD VERY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	Swartswood	well	Medium
TuA	TUNKHANNOCK GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	Tunkhannock	well	Very low
TuB	TUNKHANNOCK GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	Tunkhannock	well	Low
TuC	TUNKHANNOCK GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	Tunkhannock	well	Low

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TuD	TUNKHANNOCK GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	Tunkhannock	well	Medium
Ud	UDIFLUVENTS, LOAMY	Udifluvents		Very low
Uo	UDORTHENTS, SANDSTONE	Udorthents	well	Medium
Ur	URBAN LAND	Urban land		---
UsB	URBAN LAND-UDORTHENTS COMPLEX, 0 TO 8 PERCENT SLOPES	Urban land		---
UsB	URBAN LAND-UDORTHENTS COMPLEX, 0 TO 8 PERCENT SLOPES	Udorthents		---
UsD	URBAN LAND-UDORTHENTS COMPLEX, 8 TO 25 PERCENT SLOPES	Urban land		---
W	WATER	Water		---
WaA	WASHINGTON SILT LOAM, 0 TO 3 PERCENT SLOPES	Washington	well	Low
WaB	WASHINGTON SILT LOAM, 3 TO 8 PERCENT SLOPES	Washington	well	Medium
WaC	WASHINGTON SILT LOAM, 8 TO 15 PERCENT SLOPES	Washington	well	Medium
WbA	WATSON SILT LOAM, 0 TO 3 PERCENT SLOPES	Watson	moderately well	Medium
WbB	WATSON SILT LOAM, 3 TO 8 PERCENT SLOPES	Watson	moderately well	High
WbC	WATSON SILT LOAM, 8 TO 15 PERCENT SLOPES	Watson	moderately well	High
WeB	WEIKERT SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	Weikert	somewhat excessively	Low
WeC	WEIKERT SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	Weikert	somewhat excessively	Low
WeD	WEIKERT SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	Weikert	somewhat excessively	Medium
WkE	WEIKERT AND KLINESVILLE SHALY SILT LOAMS, 25 TO 80 PERCENT SLOPES	Weikert	somewhat excessively	Medium
WkE	WEIKERT AND KLINESVILLE SHALY SILT LOAMS, 25 TO 80 PERCENT SLOPES	Klinesville	somewhat excessively	Medium
WlB	WELLSBORO CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	Wellsboro	moderately well	High
WlC	WELLSBORO CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	Wellsboro	moderately well	High
WmB	WELLSBORO VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	Wellsboro	moderately well	Medium

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WmD	WELLSBORO VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	Wellsboro	moderately well	High
WsA	WHEELING SILT LOAM, 0 TO 3 PERCENT SLOPES	Wheeling	well	Low
WsB	WHEELING SILT LOAM, 3 TO 8 PERCENT SLOPES	Wheeling	well	Medium
WxB	WURTSBORO VERY STONY SANDY LOAM, 0 TO 8 PERCENT SLOPES	Wurtsboro	moderately well	Very high
WxD	WURTSBORO VERY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	Wurtsboro	moderately well	Very high
Wy	WYOMING GRAVELLY SANDY LOAM, OCCASIONALLY FLOODED	Wyoming	somewhat excessively	Negligible

(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