

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

Northampton County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
Ad	ALLUVIAL LAND, COAL OVERWASH	ALLUVIAL LAND	moderately well	---
AnA	ANDOVER GRAVELLY LOAM, 0 TO 3 PERCENT SLOPES	ANDOVER	poorly	Very high
AnB	ANDOVER GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	ANDOVER	poorly	Very high
AoB	ANDOVER EXTREMELY STONY LOAM, 0 TO 8 PERCENT SLOPES	ANDOVER	poorly	Very high
BaB	BAILE SILT LOAM, NEUTRAL VARIANT, 2 TO 8 PERCENT SLOPES	BAILE VARIANT	poorly	Very high
BeB	BAILE EXTREMELY STONY SILT LOAM, NEUTRAL VARIANT, 0 TO 8 PERCENT SLOPES	BAILE VARIANT	poorly	Very high
Bg	BARBOUR SOILS	BARBOUR	well	Low
Bm	BARBOUR AND MIDDLEBURY SOILS, HIGH BOTTOM	MIDDLEBURY	moderately well	Low
Bm	BARBOUR AND MIDDLEBURY SOILS, HIGH BOTTOM	BARBOUR	well	Low
BnA	BEDINGTON SILT LOAM, 0 TO 3 PERCENT SLOPES	BEDINGTON	well	Low
BoB	BEDINGTON SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	BEDINGTON	well	Medium
BoC	BEDINGTON SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	BEDINGTON	well	Medium
BpB	BEDINGTON EXTREMELY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	BEDINGTON	well	Low
BrA	BERKS SHALY SILT LOAM, 0 TO 3 PERCENT SLOPES	BERKS	well	Very low (1)
BrB	BERKS SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	BERKS	well	Low (1)
BrC	BERKS SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	BERKS	well	Low (1)
BrD	BERKS SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	BERKS	well	Medium (1)
BsF	BERKS AND WEIKERT SOILS, 25 TO 65 PERCENT SLOPES	WEIKERT	somewhat excessively	Medium (1)
BsF	BERKS AND WEIKERT SOILS, 25 TO 65 PERCENT SLOPES	BERKS	well	Medium (1)
BtA	BRINKERTON SILT LOAM, 0 TO 3 PERCENT SLOPES	BRINKERTON	poorly	Very high

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BtB	BRINKERTON SILT LOAM, 3 TO 10 PERCENT SLOPES	BRINKERTON	poorly	Very high
BuB	BUCHANAN GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	BUCHANAN	somewhat poorly	High
BvB	BUCHANAN EXTREMELY STONY LOAM, 0 TO 8 PERCENT SLOPES	BUCHANAN	somewhat poorly	Medium
ChA	CHIPPEWA SILT LOAM, 0 TO 2 PERCENT SLOPES	CHIPPEWA	poorly	High
ChB	CHIPPEWA SILT LOAM, 2 TO 8 PERCENT SLOPES	CHIPPEWA	poorly	Very high
CkB	CHIPPEWA EXTREMELY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	CHIPPEWA	poorly	High
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
CmA	COMLY SILT LOAM, 0 TO 3 PERCENT SLOPES	COMLY	moderately well	Low (1)
CmB	COMLY SILT LOAM, 3 TO 8 PERCENT SLOPES	COMLY	moderately well	Medium (1)
CnB	COMLY EXTREMELY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	COMLY	moderately well	Low (1)
CoB	CONESTOGA SILT LOAM, 2 TO 8 PERCENT SLOPES	CONESTOGA	well	Medium
CoC	CONESTOGA SILT LOAM, 8 TO 15 PERCENT SLOPES	CONESTOGA	well	Medium
CoD	CONESTOGA SILT LOAM, 15 TO 25 PERCENT SLOPES	CONESTOGA	well	High
CrB	CONESTOGA AND HOLLINGER EXTREMELY STONY SILT LOAMS, 0 TO 8 PERCENT SLOPES	CONESTOGA	well	Low
CrB	CONESTOGA AND HOLLINGER EXTREMELY STONY SILT LOAMS, 0 TO 8 PERCENT SLOPES	HOLLINGER	well	Low
CrD	CONESTOGA AND HOLLINGER EXTREMELY STONY SILT LOAMS, 8 TO 25 PERCENT SLOPES	HOLLINGER	well	Medium
CrD	CONESTOGA AND HOLLINGER EXTREMELY STONY SILT LOAMS, 8 TO 25 PERCENT SLOPES	CONESTOGA	well	Medium
CrF	CONESTOGA AND HOLLINGER EXTREMELY STONY SILT LOAMS, 25 TO 65 PERCENT SLOPES	HOLLINGER	well	High
CrF	CONESTOGA AND HOLLINGER EXTREMELY STONY SILT LOAMS, 25 TO 65 PERCENT SLOPES	CONESTOGA	well	High

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CtA	CONOTTON GRAVELLY SILT LOAM, 0 TO 3 PERCENT SLOPES	CONOTTON	well	Very low
CtB	CONOTTON GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	CONOTTON	well	Low
CtC	CONOTTON GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	CONOTTON	well	Low
CtD	CONOTTON GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	CONOTTON	well	Medium
CtF	CONOTTON GRAVELLY SILT LOAM, 25 TO 65 PERCENT SLOPES	CONOTTON	well	Medium
DuA	DUFFIELD SILT LOAM, 0 TO 3 PERCENT SLOPES	DUFFIELD	well	Low
DuB	DUFFIELD SILT LOAM, 3 TO 8 PERCENT SLOPES	DUFFIELD	well	Medium
Ha	HALSEY SILT LOAM	HALSEY	very poorly	Very high
HnB	HOLLINGER GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	HOLLINGER	well	Medium
HnC	HOLLINGER GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	HOLLINGER	well	Medium
HnD	HOLLINGER GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	HOLLINGER	well	High
Ho	HOLLY SILT LOAM	HOLLY	poorly	Very high
LaB	LAIDIG EXTREMELY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	LAIDIG	well	Very low
LaD	LAIDIG EXTREMELY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	LAIDIG	well	Low
LaF	LAIDIG EXTREMELY STONY SILT LOAM, 25 TO 65 PERCENT SLOPES	LAIDIG	well	Medium
Ma	MISCELLANEOUS AREAS (QUARRIES, WATER)	MISCELLANEOUS AREAS		---
Mb	MIDDLEBURY SOILS	MIDDLEBURY	moderately well	Very high
Mu	MUCK	MUCK	very poorly	---
PhB	PHELPS GRAVELLY SILT LOAM, THICK SOLUM VARIANT, 2 TO 8 PERCENT SLOPES	PHELPS VARIANT	moderately well	Medium
Rh	RED HOOK GRAVELLY SILT LOAM	RED HOOK	somewhat poorly	Very high
Ru	RUBBLE LAND	RUBBLE LAND	somewhat excessively	---
RyB	RYDER SILT LOAM, 2 TO 8 PERCENT SLOPES	RYDER	well	Low (1)

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RyC	RYDER SILT LOAM, 8 TO 15 PERCENT SLOPES	RYDER	well	Low (1)
St	STONY LAND	STONY LAND	somewhat	---
			excessively	
SvB	SWARTSWOOD GRAVELLY LOAM, 2 TO 8 PERCENT SLOPES	SWARTSWOOD	well	Medium
SvC	SWARTSWOOD GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	SWARTSWOOD	well	Medium
SvD	SWARTSWOOD GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	SWARTSWOOD	well	High
SwB	SWARTSWOOD AND WURTSBORO EXTREMELY STONY SOILS 0 TO 8 PERCENT SLOPES	SWARTSWOOD	well	Low
SwB	SWARTSWOOD AND WURTSBORO EXTREMELY STONY SOILS 0 TO 8 PERCENT SLOPES	WURTSBORO	somewhat poorly	Medium
SwD	SWARTSWOOD AND WURTSBORO EXTREMELY STONY SOILS, 8 TO 25 PERCENT SLOPES	SWARTSWOOD	well	Medium
SwD	SWARTSWOOD AND WURTSBORO EXTREMELY STONY SOILS, 8 TO 25 PERCENT SLOPES	WURTSBORO	somewhat poorly	High
UrA	URBAN LAND, NEARLY LEVEL	URBAN LAND		---
UrC	URBAN LAND, SLOPING	URBAN LAND		---
Us	URBAN LAND, OCCASIONALLY FLOODED	URBAN LAND		---
UtB	URBANA SILT LOAM, 2 TO 10 PERCENT SLOPES	URBANA	moderately well	Very high (1)
VoB	VOLUSIA GRAVELLY SILT LOAM, 2 TO 8 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
VuB	VOLUSIA EXTREMELY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	VOLUSIA	somewhat poorly	Very high
WaA	WASHINGTON SILT LOAM, 0 TO 3 PERCENT SLOPES	WASHINGTON	well	Low (1)
WaB	WASHINGTON SILT LOAM, 3 TO 8 PERCENT SLOPES	WASHINGTON	well	Medium (1)
WaC	WASHINGTON SILT LOAM, 8 TO 15 PERCENT SLOPES	WASHINGTON	well	Medium (1)
WaC3	WASHINGTON SILT LOAM, 8 TO 15 PERCENT SLOPES, ERODED	WASHINGTON	well	Medium (1)
WaD	WASHINGTON SILT LOAM, 15 TO 25 PERCENT SLOPES	WASHINGTON	well	High (1)
WhF	WASHINGTON VERY ROCKY SILT LOAM, 25 TO 75 PERCENT SLOPES	WASHINGTON	well	High (1)

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WkB	WEIKERT CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	WEIKERT	somewhat excessively	Low (1)
WkC	WEIKERT CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	WEIKERT	somewhat excessively	Low (1)
WkD	WEIKERT CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	WEIKERT	somewhat excessively	Medium (1)
WuB	WURTSBORO GRAVELLY SILT LOAM, 2 TO 8 SLOPES	WURTSBORO	somewhat poorly	High
WuC	WURTSBORO GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	WURTSBORO	somewhat poorly	High

(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