

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

Huntingdon 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	Medium
AbC	ALBRIGHTS SILT LOAM, 8 TO 15 PERCENT SLOPES	Albrights	moderately well	Medium
AcB	ALBRIGHTS VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	Albrights	moderately well	Low
AcD	ALBRIGHTS VERY STONY SILT LOAM, 8 TO 25 PERCENT PERCENT SLOPES	Albrights	moderately well	Medium
AnB	ANDOVER COBBLY LOAM, 0 TO 8 PERCENT SLOPES	Andover	poorly	Very high
AoB	ANDOVER EXTREMELY STONY LOAM, 0 TO 8 PERCENT SLOPES	Andover	poorly	Very high
At	ATKINS SILT LOAM	Atkins	poorly	Very high
Ba	BARBOUR SOILS	Barbour	well	Low
Bb	BARBOUR SOILS, HIGH BOTTOM	Barbour	well	Low
Bc	BASHER SILT LOAM, NEUTRAL VARIANT	Basher variant	moderately well	Low
BeB	BEDINGTON CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	Bedington	well	Medium (1)
BeC	BEDINGTON CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	Bedington	well	Medium (1)
BeD	BEDINGTON CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	Bedington	well	High (1)
BkB	BERKS SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	Berks	well	Low
BkC	BERKS SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	Berks	well	Low
B1D	BERKS-WEIKERT SHALY SILT LOAMS, 15 TO 25 PERCENT SLOPES	Berks	well	Medium
B1D	BERKS-WEIKERT SHALY SILT LOAMS, 15 TO 25 PERCENT SLOPES	Weikert	well	Medium
BMF	BERKS-WEIKERT ASSOCIATION, STEEP	Berks	well	Medium (1)
BMF	BERKS-WEIKERT ASSOCIATION, STEEP	Weikert	well	Medium
BnB	BIRDSBORO GRAVELLY LOAM, 2 TO 10 PERCENT SLOPES	Birdsboro	well	Medium
BoB	BLAIRTON SILT LOAM, 2 TO 8 PERCENT SLOPES	Blairton	moderately well	High
BoC	BLAIRTON SILT LOAM, 8 TO 15 PERCENT SLOPES	Blairton	moderately well	High

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BrA	BRINKERTON SILT LOAM, 0 TO 3 PERCENT SLOPES	Brinkerton	poorly	Very high
BrB	BRINKERTON SILT LOAM, 3 TO 8 PERCENT SLOPES	Brinkerton	poorly	Very high
BuB	BUCHANAN GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	Buchanan	moderately well	High
BuC	BUCHANAN GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	Buchanan	moderately well	High
BuD	BUCHANAN GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	Buchanan	moderately well	High
BxB	BUCHANAN EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	Buchanan	moderately well	High
BxD	BUCHANAN EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	Buchanan	moderately well	High
CaB	CALVIN SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	Calvin	well	Low
CaC	CALVIN SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	Calvin	well	Low
CaD	CALVIN SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	Calvin	well	Medium
CbB	CLARKSBURG SILT LOAM, 2 TO 8 PERCENT SLOPES	Clarksburg	moderately well	Medium
ClB	CLYMER CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	Clymer	well	Medium
ClC	CLYMER CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	Clymer	well	Medium
CvB	CLYMER VERY STONY LOAM, 3 TO 8 PERCENT SLOPES	Clymer	well	Medium
CvC	CLYMER VERY STONY LOAM, 8 TO 15 PERCENT SLOPES	Clymer	well	Medium
DEF	DEKALB AND HAZLETON SOILS, 25 TO 75 PERCENT SLOPES, RUBBL Y	DEKALB	well	Low
DEF	DEKALB AND HAZLETON SOILS, 25 TO 75 PERCENT SLOPES, RUBBL Y	HAZLETON	well	Medium
EeB	EDOM-OPEQUON COMPLEX, 3 TO 8 PERCENT SLOPES	Edom	well	Medium
EeB	EDOM-OPEQUON COMPLEX, 3 TO 8 PERCENT SLOPES	Opequon	well	Medium
EeC	EDOM-OPEQUON COMPLEX, 8 TO 15 PERCENT SLOPES	Edom	well	Medium

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EeC	EDOM-OPEQUON COMPLEX, 8 TO 15 PERCENT SLOPES	Opequon	well	Medium
EeD	EDOM-OPEQUON COMPLEX, 15 TO 25 PERCENT SLOPES	Edom	well	High
EeD	EDOM-OPEQUON COMPLEX, 15 TO 25 PERCENT SLOPES	Opequon	well	High
EgB	EDOM-WEIKERT COMPLEX, 3 TO 8 PERCENT SLOPES	Edom	well	Medium
EgB	EDOM-WEIKERT COMPLEX, 3 TO 8 PERCENT SLOPES	Weikert	well	Low
EgC	EDOM-WEIKERT COMPLEX, 8 TO 15 PERCENT SLOPES	Edom	well	Medium
EgC	EDOM-WEIKERT COMPLEX, 8 TO 15 PERCENT SLOPES	Weikert	well	Low
EgD	EDOM-WEIKERT COMPLEX, 15 TO 25 PERCENT SLOPES	Edom	well	High
EgD	EDOM-WEIKERT COMPLEX, 15 TO 25 PERCENT SLOPES	Weikert	somewhat excessively	Medium
EgF	EDOM-WEIKERT COMPLEX, 25 TO 60 PERCENT SLOPES	Edom	well	High
EgF	EDOM-WEIKERT COMPLEX, 25 TO 60 PERCENT SLOPES	Weikert	well	Medium
ElC	ELLIBER VERY CERTY LOAM, 5 TO 15 PERCENT SLOPES	Elliber	well	Low
ElD	ELLIBER VERY CERTY LOAM, 15 TO 30 PERCENT SLOPES	Elliber	well	Medium
ErB	ERNEST SILT LOAM, 3 TO 8 PERCENT SLOPES	Ernest	moderately well	Medium
ErC	ERNEST SILT LOAM, 8 TO 15 PERCENT SLOPES	Ernest	moderately well	Medium
HaB	HAGERSTOWN SILT LOAM, 2 TO 8 PERCENT SLOPES	Hagerstown	well	Medium
HcC3	HAGERSTOWN SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, ERODED	Hagerstown	well	Medium
HcD3	HAGERSTOWN SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	Hagerstown	well	High
HeD	HAGERSTOWN-ROCK OUTCROP COMPLEX, 5 TO 25 PERCENT SLOPES	Hagerstown	well	Medium
HhB	HAZLETON CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	Hazleton	well	Low

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HhC	HAZLETON CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	Hazleton	well	Low
HhD	HAZLETON CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	Hazleton	well	Medium
HsB	HAZLETON-DEKALB EXTREMELY STONY SANDY LOAMS, 0 TO 8 PERCENT SLOPES	Hazleton	well	Very low
HsB	HAZLETON-DEKALB EXTREMELY STONY SANDY LOAMS, 0 TO 8 PERCENT SLOPES	Dekalb	well	Negligible
HTD	HAZLETON-DEKALB ASSOCIATION, MODERATELY STEEP	Hazleton	well	Medium
HTD	HAZLETON-DEKALB ASSOCIATION, MODERATELY STEEP	Dekalb	well	Very low
HTF	HAZLETON-DEKALB ASSOCIATION, STEEP	Hazleton	well	Medium
HTF	HAZLETON-DEKALB ASSOCIATION, STEEP	Dekalb	well	Low
HuB	HUBLERSBURG SILT LOAM, 2 TO 8 PERCENT SLOPES	Hublersburg	well	Medium
HuC	HUBLERSBURG SILT LOAM, 8 TO 15 PERCENT SLOPES	Hublersburg	well	Medium
HuD	HUBLERSBURG SILT LOAM, 15 TO 25 PERCENT SLOPES	Hublersburg	well	High
HxB	HUBLERSBURG CHERTY SILT LOAM, 3 TO 8 PERCENT SLOPES	Hublersburg	well	Medium
HxC	HUBLERSBURG CHERTY SILT LOAM, 8 TO 15 PERCENT SLOPES	Hublersburg	well	Medium
HxD	HUBLERSBURG CHERTY SILT LOAM, 15 TO 25 PERCENT SLOPES	Hublersburg	well	High
IOP	IRON ORE PITS. ABANDONDED	Abandoned iron ore pits		Negligible
K1C	KLINESVILLE SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	Klinesville	well	Low
K1D	KLINESVILLE SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	Klinesville	well	Medium
KoF	KLINESVILLE-ROCK OUTCROP COMPLEX, 35 TO 80 PERCENT SLOPES	KLINESVILLE	well	Medium (1)
LaB	LAIDIG GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	Laidig	well	Medium
LaC	LAIDIG GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	Laidig	well	Medium

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LaD	LAIDIG GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	Laidig	well	High
LcD	LAIDIG EXTREMELY STONY LOAM, 8 TO 30 PERCENT SLOPES	Laidig	well	Medium
LDF	LAIDIG EXTREMELY STONY LOAM, STEEP	Laidig	well	High
LeB	LEETONIA EXTREMELY STONY LOAMY SAND, 0 TO 12 PERCENT SLOPES	Leetonia	well	Low
MeC	MECKESVILLE SILT LOAM, 8 TO 15 PERCENT SLOPES	Meckesville	well	Medium
MkB	MECKESVILLE VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	Meckesville	well	Medium
MkD	MECKESVILLE VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	Meckesville	well	Medium
MoB	MONONGAHELA SILT LOAM, 2 TO 10 PERCENT SLOPES	Monongahela	moderately well	Medium
MrB	MORRISON SANDY LOAM, 2 TO 8 PERCENT SLOPES	Morrison	well	Low
MrC	MORRISON SANDY LOAM, 8 TO 15 PERCENT SLOPES	Morrison	well	Low
MrD	MORRISON SANDY LOAM, 15 TO 25 PERCENT SLOPES	Morrison	well	Medium
MsB	MORRISON VERY STONY SANDY LOAM, 2 TO 8 PERCENT SLOPES	Morrison	well	Low
MsD	MORRISON VERY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	Morrison	well	Low
MuB	MURRILL GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	Murrill	well	Medium
MuC	MURRILL GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	Murrill	well	Medium
MuD	MURRILL GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	Murrill	well	High
MW	MISCELLANEOUS WATER	WATER		---
Ne	NEWARK SILT LOAM	Newark	somewhat poorly	Very high
OpB3	OPEQUON CLAY LOAM, 3 TO 8 PERCENT SLOPES, ERODED	Opequon	well	Medium
OpC3	OPEQUON CLAY LOAM, 8 TO 15 PERCENT SLOPES ERODED	Opequon	well	Medium
OpD3	OPEQUON CLAY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	Opequon	well	High

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ORF	OPEQUON SOILS, STEEP	Opequon	well	High
Ph	PHILO AND BASHER SILT LOAMS	Philo	moderately well	Low
Ph	PHILO AND BASHER SILT LOAMS	Basher	moderately well	Low
Po	PHILO AND BASHER SILT LOAMS, HIGH BOTTOM	Philo	moderately well	Low
Po	PHILO AND BASHER SILT LOAMS, HIGH BOTTOM	Basher	moderately well	Low
Pu	PURDY SILT LOAM	Purdy	poorly	Very high
Qu	QUARRIES	QUARRIES		--- (1)
RaB	RARITAN SILT LOAM, 2 TO 10 PERCENT SLOPES	Raritan	well	Medium
Ru	RUBBLE LAND	RUBBLE LAND		--- (1)
SM	STRIP MINES	STRIP MINES		---
Ty	TYLER SILT LOAM	Tyler	somewhat poorly	Very high
Ur	URBAN LAND	URBAN LAND		---
Ur	URBAN LAND	CUT AND FILL		---
VaD	VANDERLIP LOAMY SAND, 5 TO 25 PERCENT SLOPES	Vanderlip	well	Very low
VrF	VANDERLIP-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	Vanderlip	well	Low
VrF	VANDERLIP-ROCK OUTCROP COMPLEX, 25 TO 60 PERCENT SLOPES	ROCK OUTCROP		---
W	WATER	WATER		---
WeB	WEIKERT SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES	Weikert	well	Low
WeC	WEIKERT SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES	Weikert	well	Low
WeD	WEIKERT SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES	Weikert	well	Medium
WhB	WHARTON SILT LOAM, 2 TO 10 PERCENT SLOPES	Wharton	moderately well	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