

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

Blair County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AbB	ALBRIGHTS GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	ALBRIGHTS	moderately well	Medium
AbC	ALBRIGHTS GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	ALBRIGHTS	moderately well	Medium
AcB	ALBRIGHTS VERY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	ALBRIGHTS	moderately well	Medium
AcD	ALBRIGHTS VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	ALBRIGHTS	moderately well	High
AnB	ANDOVER VARIANT LOAM, 3 TO 8 PERCENT SLOPES	ANDOVER VARIANT	poorly	Very high
AoB	ANDOVER VARIANT EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	ANDOVER VARIANT	poorly	Very high
Ba	BASHER SOILS	BASHER	moderately well	Low
BdD	BEDINGTON VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	BEDINGTON	well	High
BeB	BEDINGTON CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	BEDINGTON	well	Medium
BeC	BEDINGTON CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	BEDINGTON	well	Medium
BkB	BERKS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	BERKS	well	Low (1)
BkC	BERKS CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	BERKS	well	Low (1)
BkD	BERKS CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	BERKS	well	Medium (1)
BmC	BERKS-WEIKERT CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	BERKS	well	Low (1)
BmC	BERKS-WEIKERT CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	WEIKERT	somewhat excessively	Low (1)
BmD	BERKS-WEIKERT CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	BERKS	well	Medium (1)
BmD	BERKS-WEIKERT CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	WEIKERT	somewhat excessively	Medium (1)
BmF	BERKS-WEIKERT CHANNERY SILT LOAMS, 25 TO 70 PERCENT SLOPES	BERKS	well	Medium (1)
BmF	BERKS-WEIKERT CHANNERY SILT LOAMS, 25 TO 70 PERCENT SLOPES	WEIKERT	somewhat excessively	Medium (1)
BoB	BLAIRTON SILT LOAM, 3 TO 8 PERCENT SLOPES	BLAIRTON	moderately well	High (1)

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

Blair County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
BoC	BLAIRTON SILT LOAM, 8 TO 15 PERCENT SLOPES	BLAIRTON	moderately well	High (1)
BrB	BRINKERTON SILT LOAM, 3 TO 8 PERCENT SLOPES	BRINKERTON	poorly	Very high
BrC	BRINKERTON SILT LOAM, 8 TO 15 PERCENT SLOPES	BRINKERTON	poorly	Very high
BuB	BUCHANAN GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	BUCHANAN	moderately well	High
BuC	BUCHANAN GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	BUCHANAN	moderately well	High
BxB	BUCHANAN EXTREMELY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	BUCHANAN	moderately well	High
BxD	BUCHANAN EXTREMELY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	BUCHANAN	moderately well	High
CaB	CAVODE SILT LOAM, 3 TO 8 PERCENT SLOPES	CAVODE	somewhat poorly	Very high (1)
CbB	CLARKSBURG SILT LOAM, 3 TO 8 PERCENT SLOPES	CLARKSBURG	moderately well	Medium
CbC	CLARKSBURG SILT LOAM, 8 TO 15 PERCENT SLOPES	CLARKSBURG	moderately well	Medium
CvB	CLYMER LOAM, 3 TO 8 PERCENT SLOPES	CLYMER	well	Medium (1)
CyB	CLYMER VERY STONY LOAM, 3 TO 8 PERCENT SLOPES	CLYMER	well	Medium (1)
CyD	CLYMER VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	CLYMER	well	High (1)
DR	DYSTROCHREPTS-RUBBLE LAND COMPLEX	DYSTROCHREPTS		---
DR	DYSTROCHREPTS-RUBBLE LAND COMPLEX	RUBBLE LAND	well	Medium
EdB	EDOM SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES	EDOM	well	Medium (1)
EdC	EDOM SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES	EDOM	well	Medium (1)
EdD	EDOM SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES	EDOM	well	High (1)
ElB	ELLIBER VERY CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	ELLIBER	well	Low
ElD	ELLIBER VERY CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	ELLIBER	well	Medium
EmB	EDOM-WEIKERT COMPLEX, 3 TO 8 PERCENT SLOPES	EDOM	well	Medium (1)

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

Blair County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
EmB	EDOM-WEIKERT COMPLEX, 3 TO 8 PERCENT SLOPES	WEIKERT	somewhat excessively	Low (1)
EmC	EDOM-WEIKERT COMPLEX, 8 TO 15 PERCENT SLOPES	EDOM	well	Medium (1)
EmC	EDOM-WEIKERT COMPLEX, 8 TO 15 PERCENT SLOPES	WEIKERT	somewhat excessively	Low (1)
EmD	EDOM-WEIKERT COMPLEX, 15 TO 25 PERCENT SLOPES	EDOM	well	High
EmD	EDOM-WEIKERT COMPLEX, 15 TO 25 PERCENT SLOPES	WEIKERT	somewhat excessively	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
GpB	GILPIN CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	GILPIN	well	Medium (1)
GpC	GILPIN CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	GILPIN	well	Medium (1)
GpD	GILPIN CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	GILPIN	well	High (1)
HaB	HAGERSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES	HAGERSTOWN	well	Medium
HcC	HAGERSTOWN SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES	HAGERSTOWN	well	Medium
HeB	HAGERSTOWN-ROCK OUTCROP COMPLEX, 0 TO 8 PERCENT SLOPES	HAGERSTOWN	well	Medium
HeB	HAGERSTOWN-ROCK OUTCROP COMPLEX, 0 TO 8 PERCENT SLOPES	ROCK OUTCROP		---
HeD	HAGERSTOWN-ROCK OUTCROP COMPLEX, 8 TO 25 PERCENT SLOPES	HAGERSTOWN	well	High
HeD	HAGERSTOWN-ROCK OUTCROP COMPLEX, 8 TO 25 PERCENT SLOPES	ROCK OUTCROP		---
HgB	HAZLETON CHANNERY SANDY LOAM, 3 TO 8 PERCENT SLOPES	HAZLETON	well	Low (1)
HgC	HAZLETON CHANNERY SANDY LOAM, 8 TO 15 PERCENT SLOPES	HAZLETON	well	Low (1)
HhB	HAZLETON VERY STONY SANDY LOAM, 3 TO 8 PERCENT SLOPES	HAZLETON	well	Low (1)
HhC	HAZLETON VERY STONY SANDY LOAM, 8 TO 15 PERCENT SLOPES	HAZLETON	well	Low (1)

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

Blair County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
HhF	HAZLETON VERY STONY SANDY LOAM, 25 TO 70 PERCENT SLOPES	HAZLETON	well	Medium (1)
Ho	HOLLY SILT LOAM	HOLLY	poorly	Very high
HuB	HUBLERSBURG CHERTY SILT LOAM, 3 TO 8 PERCENT SLOPES	HUBLERSBURG	well	Medium
HuC	HUBLERSBURG CHERTY SILT LOAM, 8 TO 15 PERCENT SLOPES	HUBLERSBURG	well	Medium
HxB2	HUBLERSBURG CHERTY SILTY CLAY LOAM, 3 TO 8 PERCENT SLOPES, ERODED	HUBLERSBURG	well	Medium
HxC2	HUBLERSBURG CHERTY SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES, ERODED	HUBLERSBURG	well	Medium
HxD2	HUBLERSBURG CHERTY SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES, ERODED	HUBLERSBURG	well	High
LaB	LAIDIG CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	LAIDIG	well	Medium
LaC	LAIDIG CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	LAIDIG	well	Medium
LaD	LAIDIG CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	LAIDIG	well	High
LeB	LAIDIG EXTREMELY STONY LOAM, 3 TO 8 PERCENT SLOPES	LAIDIG	well	Medium
LeD	LAIDIG EXTREMELY STONY LOAM, 8 TO 25 PERCENT SLOPES	LAIDIG	well	High
LeF	LAIDIG EXTREMELY STONY LOAM, 25 TO 45 PERCENT SLOPES	LAIDIG	well	High
LkB	LECK KILL CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	LECK KILL	well	Low (1)
LkC	LECK KILL CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	LECK KILL	well	Low (1)
LkD	LECK KILL CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	LECK KILL	well	Medium (1)
LLF	LECK KILL CHANNERY SILT LOAM, VERY STEEP	LECK KILL	well	Medium (1)
LmB	LEETONIA FLAGGY LOAMY SAND, 3 TO 8 PERCENT SLOPES	LEETONIA	well	Low (1)
LnD	LEHEW VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	LEHEW	well	Low (1)
LnF	LEHEW VERY STONY LOAM, 25 TO 50 PERCENT SLOPES	LEHEW	well	Low (1)
Lo	LINDEN SOILS	LINDEN	well	Very low

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

Blair County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
Lp	LOBDELL SILT LOAM	LOBDELL	moderately well	Low
MeB	MECKESVILLE GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	MECKESVILLE	well	Medium
MeC	MECKESVILLE GRAVELLY 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	High
MnB	MERTZ CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	MERTZ	well	Medium
MnC	MERTZ CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	MERTZ	well	Medium
MnD	MERTZ CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	MERTZ	well	High
MoB	MONONGAHELA SILT LOAM, 3 TO 8 PERCENT SLOPES	MONONGAHELA	moderately well	Medium
MrB	MORRISON SANDY LOAM, 3 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, 3 TO 8 PERCENT SLOPES	MORRISON	well	Low
MsD	MORRISON VERY STONY SANDY LOAM, 8 TO 25 PERCENT SLOPES	MORRISON	well	Medium
MsF	MORRISON VERY STONY SANDY LOAM, 25 TO 50 PERCENT SLOPES	MORRISON	well	Medium
MuB	MURRILL GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	MURRILL	well	Medium
MuC	MURRILL GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	MURRILL	well	Medium
MuD	MURRILL GRAVELLY SILT LOAM, 15 TO 25 PERCENT SLOPES	MURRILL	well	High
MxB	MURRILL EXTREMELY STONY SILT LOAM, 3 TO 8 PERCENT SLOPES	MURRILL	well	Medium
MxD	MURRILL EXTREMELY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	MURRILL	well	High

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

Blair County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
OuC	OPEQUON SILTY CLAY LOAM, 5 TO 15 PERCENT SLOPES	OPEQUON	well	Medium (1)
OuD	OPEQUON SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES	OPEQUON	well	High (1)
OxF	OPEQUON-HAGERSTOWN-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	OPEQUON	well	High (1)
OxF	OPEQUON-HAGERSTOWN-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	HAGERSTOWN	well	High
OxF	OPEQUON-HAGERSTOWN-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	ROCK OUTCROP		---
PeB	PENLAW SILT LOAM, 0 TO 8 PERCENT SLOPES	PENLAW	somewhat poorly	Very high
Pt	PITS-DUMPS COMPLEX	PITS		---
Pt	PITS-DUMPS COMPLEX	DUMPS		---
Pu	PURDY SILT LOAM	PURDY	poorly	High
Qu	QUARRIES-DUMPS COMPLEX	QUARRIES		---
Qu	QUARRIES-DUMPS COMPLEX	DUMPS		---
Ty	TYLER SILT LOAM	TYLER	somewhat poorly	Very high
UD	UDIFLUVENTS-DYSTROCHREPTS COMPLEX	UDIFLUVENTS	moderately well	Low
UD	UDIFLUVENTS-DYSTROCHREPTS COMPLEX	DYSTROCHREPTS	moderately well	Low
US	UDORTHENTS, STRIP MINE	UDORTHENTS		Medium
Ux	URBAN LAND	URBAN LAND		---
UYB	URBAN LAND-BERKS COMPLEX, 0 TO 8 PERCENT SLOPES	URBAN LAND		---
UYB	URBAN LAND-BERKS COMPLEX, 0 TO 8 PERCENT SLOPES	BERKS	well	Low (1)
UYD	URBAN LAND-BERKS COMPLEX, 8 TO 25 PERCENT SLOPES	URBAN LAND		---
UYD	URBAN LAND-BERKS COMPLEX, 8 TO 25 PERCENT SLOPES	BERKS	well	Medium (1)
UZB	URBAN LAND-EDOM COMPLEX, 0 TO 8 PERCENT SLOPES	URBAN LAND		---
UZB	URBAN LAND-EDOM COMPLEX, 0 TO 8 PERCENT SLOPES	EDOM	well	Medium (1)
UZD	URBAN LAND-EDOM COMPLEX, 8 TO 25 PERCENT SLOPES	URBAN LAND		---

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

Blair County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
UZD	URBAN LAND-EDOM COMPLEX, 8 TO 25 PERCENT SLOPES	EDOM	well	High (1)
VaC	VANDERLIP LOAMY SAND, 3 TO 25 PERCENT SLOPES	VANDERLIP	well	Very low
VdD	VANDERLIP VERY STONY LOAMY SAND, 3 TO 25 PERCENT SLOPES	VANDERLIP	well	Low
W	WATER	WATER		---
WeB	WEIKERT CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	WEIKERT	somewhat excessively	Low (1)
WeC	WEIKERT CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	WEIKERT	somewhat excessively	Low (1)
WeD	WEIKERT CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	WEIKERT	somewhat excessively	Medium (1)
WhB	WHARTON SILT LOAM, 3 TO 8 PERCENT SLOPES	WHARTON	moderately well	High (1)
WhC	WHARTON SILT LOAM, 8 TO 15 PERCENT SLOPES	WHARTON	moderately well	High (1)
WvB	WHARTON VARIANT SILT LOAM, 3 TO 8 PERCENT SLOPES	WHARTON VARIANT	somewhat poorly	Very high (1)

(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