

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

Fulton County, Pennsylvania				
MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AgB	ALLEGHENY LOAM, 3 TO 8 PERCENT SLOPES	ALLEGHENY	well	Medium
AnB	ANDOVER GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	ANDOVER	poorly	Very high
AoB	ANDOVER GRAVELLY LOAM, 0 TO 8 PERCENT SLOPES, VERY STONY	ANDOVER	poorly	Very high
As	ATKINS SILT LOAM	ATKINS	poorly	Very high
Be	BARBOUR FINE SANDY LOAM	BARBOUR	well	Low
Bf	BASHER FINE SANDY LOAM	BASHER	moderately well	Low
BhB	BEDINGTON CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	BEDINGTON	well	Low
BhC	BEDINGTON CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	BEDINGTON	well	Low
BhD	BEDINGTON CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	BEDINGTON	well	Medium
BkB	BERKS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	BERKS	well	Low
BkC	BERKS CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	BERKS	well	Low
BkD	BERKS CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	BERKS	well	Medium
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
BxB	BUCHANAN COBBLY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	BUCHANAN	moderately well	Medium
BxD	BUCHANAN COBBLY LOAM, 8 TO 25 PERCENT SLOPES, EXTREMELY STONY	BUCHANAN	moderately well	High
CaB	CALVIN CHANNERY LOAM, 3 TO 8 PERCENT SLOPES	CALVIN	well	Low
CaC	CALVIN CHANNERY LOAM, 8 TO 15 PERCENT SLOPES	CALVIN	well	Low
CaD	CALVIN CHANNERY LOAM, 15 TO 25 PERCENT SLOPES	CALVIN	well	Medium

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CkB	CALVIN-LECK KILL CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES	CALVIN	well	Low
CkB	CALVIN-LECK KILL CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES	LECK KILL	well	Low
CoC	CARBO SILTY CLAY LOAM, 8 TO 15 PERCENT SLOPES	CARBO	well	Very high
CoD	CARBO SILTY CLAY LOAM, 15 TO 25 PERCENT SLOPES	CARBO	well	Very high
CrC	CEDARCREEK VERY CHANNERY LOAM, 3 TO 25 PERCENT SLOPES	CEDARCREEK	well	Low
CrF	CEDARCREEK EXTREMELY CHANNERY LOAM, 25 TO 80 PERCENT SLOPES	CEDARCREEK	well	Medium
CsB	CLARKSBURG SILT LOAM, 3 TO 8 PERCENT SLOPES	CLARKSBURG	moderately well	Medium
DEF	DEKALB AND HAZLETON SOILS, 25 TO 75 PERCENT SLOPES, RUBBLY	DEKALB	well	Low
DEF	DEKALB AND HAZLETON SOILS, 25 TO 75 PERCENT SLOPES, RUBBLY	HAZLETON	well	Medium
EgB	ELLIBER VERY CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	ELLIBER	well	Low
EgC	ELLIBER VERY CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	ELLIBER	well	Low
EgD	ELLIBER VERY CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	ELLIBER	well	Medium
ErB	ERNEST SILT LOAM, 3 TO 8 PERCENT SLOPES	ERNEST	moderately well	Low
FrB	FRANKSTOWN CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	FRANKSTOWN	well	Medium
FrC	FRANKSTOWN CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	FRANKSTOWN	well	Medium
FrD	FRANKSTOWN CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	FRANKSTOWN	well	High
FrE	FRANKSTOWN CHANNERY SILT LOAM, 25 TO 35 PERCENT SLOPES	FRANKSTOWN	well	High
Fu	FUNKSTOWN SILT LOAM	FUNKSTOWN	moderately well	Low
HaB	HAGERSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES	HAGERSTOWN	well	Medium
HaC	HAGERSTOWN SILT LOAM, 8 TO 15 PERCENT SLOPES	HAGERSTOWN	well	Medium

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HbB	HAGERSTOWN-CARBO SILTY CLAY LOAMS, 3 TO 8 PERCENT SLOPES	HAGERSTOWN	well	Medium
HbB	HAGERSTOWN-CARBO SILTY CLAY LOAMS, 3 TO 8 PERCENT SLOPES	CARBO	well	Very high
HkE	HAGERSTOWN-ROCK OUTCROP COMPLEX, 8 TO 35 PERCENT SLOPES	HAGERSTOWN	well	High
HkE	HAGERSTOWN-ROCK OUTCROP COMPLEX, 8 TO 35 PERCENT SLOPES	ROCK OUTCROP		Medium
HOD	HAZLETON AND CLYMER SOILS, 8 TO 25 PERCENT SLOPES, EXTREMELY STONY	HAZLETON	well	Low
HOD	HAZLETON AND CLYMER SOILS, 8 TO 25 PERCENT SLOPES, EXTREMELY STONY	CLYMER	well	Medium
HRB	HAZLETON AND DEKALB SOILS, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	HAZLETON	well	Very low
HRB	HAZLETON AND DEKALB SOILS, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	DEKALB	well	Negligible
HRD	HAZLETON AND DEKALB SOILS, 8 TO 25 PERCENT SLOPES, EXTREMELY STONY	HAZLETON	well	Low
HRD	HAZLETON AND DEKALB SOILS, 8 TO 25 PERCENT SLOPES, EXTREMELY STONY	DEKALB	well	Very low
HRF	HAZLETON AND DEKALB SOILS, 25 TO 75 PERCENT SLOPES, EXTREMELY STONY	HAZLETON	well	Medium
HRF	HAZLETON AND DEKALB SOILS, 25 TO 75 PERCENT SLOPES, EXTREMELY STONY	DEKALB	well	Low
HwB	HUSTONTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES	HUSTONTOWN	moderately well	Medium
Jg	JUGTOWN-LINDSIDE SILT LOAMS	JUGTOWN	somewhat poorly	Low
Jg	JUGTOWN-LINDSIDE SILT LOAMS	LINDSIDE	moderately well	Low
KaB	KLINESVILLE CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES	KLINESVILLE	somewhat excessively	Medium
KaC	KLINESVILLE CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	KLINESVILLE	somewhat excessively	Medium
KaD	KLINESVILLE CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	KLINESVILLE	somewhat excessively	High
KWF	KLINESVILLE AND WEIKERT SOILS, 25 TO 60 PERCENT SLOPES	WEIKERT	well	Medium
KWF	KLINESVILLE AND WEIKERT SOILS, 25 TO 60 PERCENT SLOPES	KLINESVILLE	somewhat excessively	High

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LaB	LAIDIG GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	LAIDIG	well	Medium
LaC	LAIDIG GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	LAIDIG	well	Medium
LbB	LAIDIG GRAVELLY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	LAIDIG	well	Low
LbD	LAIDIG GRAVELLY LOAM, 8 TO 25 PERCENT SLOPES, EXTREMELY STONY	LAIDIG	well	Medium
LCE	LAIDIG AND HAZLETON SOILS, 25 TO 60 PERCENT SLOPES, EXTREMELY STONY	HAZLETON	well	Medium
LCE	LAIDIG AND HAZLETON SOILS, 25 TO 60 PERCENT SLOPES, EXTREMELY STONY	LAIDIG	well	High
Ln	LINDSIDE SILT LOAM	LINDSIDE	moderately well	Low
Me	MELVIN SILT LOAM	MELVIN	poorly	Very high
MoB	MONONGAHELA SILT LOAM, 3 TO 8 PERCENT SLOPES	MONONGAHELA	moderately well	Medium
MrB	MURRILL GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	MURRILL	well	Medium
MrC	MURRILL GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	MURRILL	well	Medium
MvD	MURRILL GRAVELLY LOAM, 8 TO 25 PERCENT SLOPES, EXTREMELY STONY	MURRILL	well	Medium
PcB	PECKTONVILLE GRAVELLY SILT LOAM, 3 TO 8 PERCENT SLOPES	PECKTONVILLE	well	High
PcC	PECKTONVILLE GRAVELLY SILT LOAM, 8 TO 15 PERCENT SLOPES	PECKTONVILLE	well	High
PeE	PECKTONVILLE-ROCK OUTCROP COMPLEX, 25 TO 45 PERCENT SLOPES	PECKTONVILLE	well	Very high
Pg	PENLAW SILT LOAM, 0 TO 3 PERCENT SLOPES	PENLAW	somewhat poorly	Very high
Ph	PHILO SILT LOAM	PHILO	moderately well	Low
Po	POPE SILT LOAM	POPE	well	Low
Pu	PURDY SILTY CLAY LOAM	PURDY	poorly	High
Q	QUARRIES	QUARRIES		--- (1)
SeB	SIDELING GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	SIDELING	moderately well	High
SeC	SIDELING GRAVELLY LOAM, 8 TO 15 PERCENT SLOPES	SIDELING	moderately well	High

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SeD	SIDELING GRAVELLY LOAM, 15 TO 25 PERCENT SLOPES	SIDELING	moderately well	High
SrB	SIDELING GRAVELLY LOAM, 0 TO 8 PERCENT SLOPES, EXTREMELY STONY	SIDELING	moderately well	Medium
SrD	SIDELING GRAVELLY LOAM, 8 TO 25 PERCENT SLOPES, EXTREMELY STONY	SIDELING	moderately well	High
SSF	SIDELING AND HAZLETON SOILS 25 TO 60 PERCENT SLOPES, EXTREMELY STONY	SIDELING	moderately well	High
SSF	SIDELING AND HAZLETON SOILS 25 TO 60 PERCENT SLOPES, EXTREMELY STONY	HAZLETON	well	Medium
Ty	TYLER SILT LOAM, 0 TO 3 PERCENT SLOPES	TYLER	somewhat poorly	Very high
Uu	URBAN LAND-UDORTHENTS COMPLEX, 0 TO 25 PERCENT SLOPES	URBAN LAND		--- (1)
Uu	URBAN LAND-UDORTHENTS COMPLEX, 0 TO 25 PERCENT SLOPES	UDORTHENTS		Medium
W	WATER	WATER		---
WeB	WEIKERT CHANNERY SILT LOAM, 3 TO 8, PERCENT SLOPES	WEIKERT	well	Low
WeC	WEIKERT CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	WEIKERT	well	Low
WeD	WEIKERT CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	WEIKERT	well	Medium
WrB	WEIKERT CHANNERY SILT LOAM, 3 TO 8, PERCENT SLOPES	WEIKERT	well	Low
WrC	WEIKERT CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES	WEIKERT	well	Low
WrD	WEIKERT CHANNERY SILT LOAM, 15 TO 25 PERCENT SLOPES	WEIKERT	well	Medium
WuB	WURNO-NOLLVILLE CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES	WURNO	well	Medium
WuB	WURNO-NOLLVILLE CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES	NOLLVILLE	well	Medium
WuC	WURNO-NOLLVILLE CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	WURNO	well	Medium
WuC	WURNO-NOLLVILLE CHANNERY SILT LOAMS, 8 TO 15 PERCENT SLOPES	NOLLVILLE	well	Medium
WuD	WURNO-NOLLVILLE CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	WURNO	well	High

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WuD	WURNO-NOLLVILLE CHANNERY SILT LOAMS, 15 TO 25 PERCENT SLOPES	NOLLVILLE	well	High
WuE	WURNO-NOLLVILLE CHANNERY SILT LOAMS, 25 TO 45 PERCENT SLOPES	WURNO	well	High
WuE	WURNO-NOLLVILLE CHANNERY SILT LOAMS, 25 TO 45 PERCENT SLOPES	NOLLVILLE	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