

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

Dauphin County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
AbA	ALBRIGHTS SILT LOAM, 0 TO 3 PERCENT SLOPES	ALBRIGHTS	moderately well	Very high
AbB2	ALBRIGHTS SILT LOAM, 3 TO 10 PERCENT SLOPES, MODERATELY ERODED	ALBRIGHTS	moderately well	Very high
AnB	ANDOVER GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	ANDOVER	poorly	Very high
AoB	ANDOVER VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	ANDOVER	poorly	Very high
AsB2	ATHOL SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	ATHOL	well	Medium (1)
At	ATKINS SILT LOAM	ATKINS	poorly	Very high
Bb	BARBOUR SILT LOAM	BARBOUR	well	Very low
Bc	BASHER SILT LOAM	BASHER	moderately well	Low
BeA	BEDINGTON SHALY SILT LOAM, 0 TO 3 PERCENT SLOPES	BEDINGTON	well	Low
BeB2	BEDINGTON SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BEDINGTON	well	Medium
BeC2	BEDINGTON SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	BEDINGTON	well	Medium
BhB2	BERKS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BERKS	well	Low (1)
BhC2	BERKS CHANNERY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	BERKS	well	Low (1)
BkB2	BERKS SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BERKS	well	Low
BkC2	BERKS SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	BERKS	well	Low
BkD2	BERKS SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES.	BERKS	well	Medium
BrB2	BRECKNOCK CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BRECKNOCK	well	Medium (1)
BrC2	BRECKNOCK CHANNERY SILT LOAM, 8 TO 20 PERCENT SLOPES, MODERATELY ERODED	BRECKNOCK	well	Medium (1)
BtA	BRINKERTON AND ARMAGH SILT LOAMS, 0 TO 3 PERCENT SLOPES	BRINKERTON	poorly	Very high
BtA	BRINKERTON AND ARMAGH SILT LOAMS, 0 TO 3 PERCENT SLOPES	ARMAGH	poorly	Very high
BtB2	BRINKERTON AND ARMAGH SILT LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	BRINKERTON	poorly	Very high

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

Dauphin County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
BtB2	BRINKERTON AND ARMAGH SILT LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	ARMAGH	poorly	Very high
BuB	BUCHANAN GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES	BUCHANAN	moderately well	Very high
BvB	BUCHANAN VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	BUCHANAN	moderately well	Very high
CaB	CALVIN VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	CALVIN	well	Very low (1)
CaD	CALVIN VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	CALVIN	well	Low (1)
CaF	CALVIN VERY STONY SILT LOAM, 25 TO 75 PERCENT SLOPES	CALVIN	well	Medium (1)
CaF	CALVIN VERY STONY SILT LOAM, 25 TO 75 PERCENT SLOPES	KLINESVILLE	well	Medium (1)
CkC2	CALVIN-KLINESVILLE SHALY SILT LOAMS, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	CALVIN	well	Low (1)
CkC2	CALVIN-KLINESVILLE SHALY SILT LOAMS, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	KLINESVILLE	well	Low (1)
CkD2	CALVIN-KLINESVILLE SHALY SILT LOAMS, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	CALVIN	well	Medium (1)
CkD2	CALVIN-KLINESVILLE SHALY SILT LOAMS, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	KLINESVILLE	well	Medium (1)
ClA	CALVIN-LECK KILL SHALY SILT LOAMS, 0 TO 3 PERCENT SLOPES	CALVIN	well	Very low (1)
ClA	CALVIN-LECK KILL SHALY SILT LOAMS, 0 TO 3 PERCENT SLOPES	LECK KILL	well	Very low (1)
ClB2	CALVIN-LECK KILL SHALY SILT LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CALVIN	well	Low (1)
ClB2	CALVIN-LECK KILL SHALY SILT LOAMS, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	LECK KILL	well	Low (1)
ClC2	CALVIN-LECK KILL SHALY SILT LOAMS, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	CALVIN	well	Low (1)
ClC2	CALVIN-LECK KILL SHALY SILT LOAMS, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	LECK KILL	well	Low (1)
CmB2	CAPTINA SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CAPTINA	well	Very high

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

Dauphin County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
CnA	CHAVIES FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	CHAVIES	well	Very low
CnB2	CHAVIES FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	CHAVIES	well	Low
CnC2	CHAVIES FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	CHAVIES	well	Low
CoB2	COMLY SILT LOAM, 2 TO 8 PERCENT SLOPES, MODERATELY ERODED	COMLY	moderately well	Medium (1)
Cr	CROTON SILT LOAM	CROTON	poorly	Very high
DcB2	DEKALB CHANNERY SANDY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low (1)
DcC2	DEKALB CHANNERY SANDY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	DEKALB	well	Very low (1)
DlB	DEKALB AND LEHEW VERY STONY SANDY LOAMS, 0 TO 8 PERCENT SLOPES	LEHEW	well	Negligible (1)
DlB	DEKALB AND LEHEW VERY STONY SANDY LOAMS, 0 TO 8 PERCENT SLOPES	DEKALB	well	Negligible (1)
DlD	DEKALB AND LEHEW VERY STONY SANDY LOAMS, 8 TO 25 PERCENT SLOPES	DEKALB	well	Very low (1)
DlD	DEKALB AND LEHEW VERY STONY SANDY LOAMS, 8 TO 25 PERCENT SLOPES	LEHEW	well	Very low (1)
DlF	DEKALB AND LEHEW VERY STONY SANDY LOAMS, 25 TO 80 PERCENT SLOPES	LEHEW	well	Low (1)
DlF	DEKALB AND LEHEW VERY STONY SANDY LOAMS, 25 TO 80 PERCENT SLOPES	DEKALB	well	Low (1)
DuB2	DUFFIELD SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	DUFFIELD	well	Medium
DUMP	DUMP	Dumps		---
DvA	DUNCANNON VERY FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	DUNCANNON	well	Low
DvB2	DUNCANNON VERY FINE SANDY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	DUNCANNON	well	Medium
GP	GRAVEL PITS	Pits		---
HaA	HAGERSTOWN SILT LOAM, 0 TO 3 PERCENT SLOPES	HAGERSTOWN	well	Low
HaB2	HAGERSTOWN SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	HAGERSTOWN	well	Medium
HaC2	HAGERSTOWN SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	HAGERSTOWN	well	Medium

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

Dauphin County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
Hu	HUNTINGTON SILT LOAM, LOCAL ALLUVIUM	HUNTINGTON	well	Low
KaB2	KLINESVILLE SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	KLINESVILLE	well	Low (1)
KaC2	KLINESVILLE SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	KLINESVILLE	well	Low (1)
KaD2	KLINESVILLE SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	KLINESVILLE	well	Medium (1)
KaE2	KLINESVILLE SHALY SILT LOAM, 25 TO 50 PERCENT SLOPES, MODERATELY ERODED	KLINESVILLE	well	Medium (1)
LaB2	LAIDIG GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	LAIDIG	well	Low
LaC2	LAIDIG GRAVELLY LOAM, 8 TO 20 PERCENT SLOPES, MODERATELY ERODED	LAIDIG	well	Low
LdB	LAIDIG VERY STONY LOAM, 0 TO 8 PERCENT SLOPES	LAIDIG	well	Very low
LdD	LAIDIG VERY STONY LOAM, 8 TO 25 PERCENT SLOPES	LAIDIG	well	Low
LeB2	LAWRENCEVILLE VERY FINE SANDY LOAM, 2 TO 8 PERCENT SLOPES, MODERATELY ERODED	LAWRENCEVILLE	moderately well	Medium
LhB2	LEHIGH SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	LEHIGH	moderately well	Very high (1)
LrB2	LEWISBERRY GRAVELLY SANDY LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	LEWISBERRY	well	Low
LrC2	LEWISBERRY GRAVELLY SANDY LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	LEWISBERRY	well	Low
LrD2	LEWISBERRY GRAVELLY SANDY LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	LEWISBERRY	well	Medium
LsD	LEWISBERRY VERY STONY SANDY LOAM, 5 TO 25 PERCENT SLOPES	LEWISBERRY	well	Low
LsF	LEWISBERRY VERY STONY SANDY LOAM, 25 TO 60 PERCENT SLOPES	LEWISBERRY	well	Medium
Lt	LINDSIDE SILT LOAM	LINDSIDE	moderately well	Low
Lw	LINDSIDE SILT LOAM, COAL OVERWASH	LINDSIDE	moderately well	Low
Ma	MADE LAND, SANITARY FILL	MADE LAND	moderately well	Very low (1)
Md	MINE DUMPS	MINE DUMPS	somewhat	--- (1)
			excessively	
Mu	MUCK	MUCK	very poorly	---

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

Dauphin County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
NeC2	NESHAMINY GRAVELLY SILT LOAM, 3 TO 12 PERCENT SLOPES, MODERATELY ERODED	NESHAMINY	well	High
NsB	NESHAMINY VERY STONY SILT LOAM, 0 TO 8 PERCENT SLOPES	NESHAMINY	well	Medium
NsD	NESHAMINY VERY STONY SILT LOAM, 8 TO 25 PERCENT SLOPES	NESHAMINY	well	High
PeB2	PENN SHALY SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	PENN	well	Low (1)
PeC2	PENN SHALY SILT LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED	PENN	well	Low (1)
Ph	PHILO SILT LOAM	PHILO	moderately well	Low
Qu	QUARRY	ROCK QUARRY		---
RdB2	READINGTON SILT LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED	READINGTON	moderately well	Medium (1)
Rv	RIVERWASH	RIVERWASH		---
Rv	RIVERWASH	WET, FLOODED AREAS		---
St	STRIP MINE SPOIL	STRIP MINE SPOIL	somewhat excessively	Low
Ta	TIOGA FINE SANDY LOAM	TIOGA	well	Low
Tg	TIOGA FINE SANDY LOAM, HIGH BOTTOM	TIOGA	well	Low
Ua	URBAN LAND, ALLUVIAL MATERIALS	URBAN LAND		---
Ub	URBAN LAND, LIMESTONE MATERIALS	URBAN LAND		---
Us	URBAN LAND, SHALE MATERIALS	URBAN LAND		---
VsC	VERY STONY LAND, SLOPING	VERY STONY LAND	well	Very low
VsF	VERY STONY LAND, STEEP	VERY STONY LAND	well	Low
W	WATER	Water		---
Wa	WATCHUNG SILT LOAM	WATCHUNG	poorly	Very high
Wc	WATCHUNG VERY STONY SILT LOAM	WATCHUNG	poorly	Very high
WeC2	WEIKERT SHALY SILT LOAM, 5 TO 15 PERCENT SLOPES, MODERATELY ERODED	WEIKERT	well	Medium
WeD2	WEIKERT SHALY SILT LOAM, 15 TO 25 PERCENT SLOPES, MODERATELY ERODED	WEIKERT	well	High

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

Dauphin County, Pennsylvania

MAP UNIT SYMBOL	MAP UNIT NAME	COMPONENT NAME	DRAINAGE	SURFACE RUNOFF
WeE2	WEIKERT SHALY SILT LOAM, 25 TO 40 PERCENT SLOPES, MODERATELY ERODED	WEIKERT	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