

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

| Greene and Washington Counties, Pennsylvania | | | | |
|--|--|----------------|-----------------|----------------|
| MAP UNIT SYMBOL | MAP UNIT NAME | COMPONENT NAME | DRAINAGE | SURFACE RUNOFF |
| AgB | Allegheny silt loam, 3 to 8 percent slopes | ALLEGHENY | well | Medium |
| AgC | Allegheny silt loam, 8 to 15 percent slopes | ALLEGHENY | well | Medium |
| BoB | Brooke silty clay loam, 3 to 8 percent slopes | BROOKE | well | Very high |
| BoC | Brooke silty clay loam, 8 to 15 percent slopes | BROOKE | well | Very high |
| BoD | Brooke silty clay loam, 15 to 25 percent slopes | BROOKE | well | Very high |
| CaB | Culleoka silt loam, 3 to 8 percent slopes | Culleoka | well | Low |
| CaC | Culleoka silt loam, 8 to 15 percent slopes | Culleoka | well | Low |
| CaD | Culleoka silt loam, 15 to 25 percent slopes | Culleoka | well | Low |
| CkB | Culleoka-Upshur complex, 3 to 8 percent slopes | CULLEOKA | well | Low |
| CkB | Culleoka-Upshur complex, 3 to 8 percent slopes | UPSHUR | well | Very high |
| CkC | Culleoka-Upshur complex, 8 to 15 percent slopes | CULLEOKA | well | Low |
| CkC | Culleoka-Upshur complex, 8 to 15 percent slopes | UPSHUR | well | Very high |
| CkD | Culleoka-Upshur complex, 15 to 25 percent slopes | CULLEOKA | well | Medium |
| CkD | Culleoka-Upshur complex, 15 to 25 percent slopes | UPSHUR | well | Very high |
| DaB | Dekalb channery loam, 3 to 8 percent slopes | DEKALB | well | Very low |
| DaC | Dekalb channery loam, 8 to 15 percent slopes | DEKALB | well | Very low |
| DaD | Dekalb channery loam, 15 to 25 percent slopes | DEKALB | well | Low |
| DaF | Dekalb channery loam, 25 to 80 percent slopes | DEKALB | well | Low |
| DbD | Dekalb very stony loam, 8 to 25 percent slopes | DEKALB | well | Very low |
| DoB | Dormont silt loam, 3 to 8 percent slopes | Dormont | moderately well | Low |

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| MAP UNIT SYMBOL | MAP UNIT NAME | COMPONENT NAME | DRAINAGE | SURFACE RUNOFF |
| DoC | Dormont silt loam, 8 to 15 percent slopes | Dormont | moderately well | Medium |
| DoD | Dormont silt loam, 15 to 25 percent slopes | Dormont | moderately well | High |
| DtD | Dormont-Culleoka silt loams, 15 to 25 percent slopes | Dormont | moderately well | High |
| DtD | Dormont-Culleoka silt loams, 15 to 25 percent slopes | Culleoka | well | Low |
| DtF | Dormont-Culleoka silt loams, 25 to 50 percent slopes | DORMONT | moderately well | High |
| DtF | Dormont-Culleoka silt loams, 25 to 50 percent slopes | CULLEOKA | well | Medium |
| Fa | Fluvaquents, loamy | FLUVAQUENTS | | Very high |
| Fa | Fluvaquents, loamy | POORLY DRAINED AREAS | | --- |
| GdA | Glenford silt loam, 0 to 3 percent slopes | GLENFORD | moderately well | Low |
| GdB | Glenford silt loam, 3 to 8 percent slopes | GLENFORD | moderately well | Medium |
| GdC | Glenford silt loam, 8 to 15 percent slopes | GLENFORD | moderately well | Medium |
| GeB | Guernsey silt loam, 3 to 8 percent slopes | Guernsey | moderately well | Very high |
| GeC | Guernsey silt loam, 8 to 15 percent slopes | Guernsey | moderately well | Very high |
| GeD | Guernsey silt loam, 15 to 25 percent slopes | Guernsey | moderately well | Very high |
| Hu | Huntington silt loam | HUNTINGTON | well | Low |
| LbA | Library silty clay loam, 0 to 3 percent slopes | LIBRARY | somewhat poorly | Very high |
| LbB | Library silty clay loam, 3 to 8 percent slopes | Library | somewhat poorly | Very high |
| LbC | Library silty clay loam, 8 to 15 percent slopes | Library | somewhat poorly | Very high |
| Nw | Newark silt loam | NEWARK | somewhat poorly | Very high |
| Py | Purdy silt loam | Purdy | poorly | Very high |
| UdB | Udorthents, smoothed, gently sloping | UDORTHENTS | | Very low |
| UdD | Udorthents, smoothed, moderately steep | UDORTHENTS | | Low |

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| MAP UNIT SYMBOL | MAP UNIT NAME | COMPONENT NAME | DRAINAGE | SURFACE RUNOFF |
| UdF | Udorthents, smoothed, steep | UDORTHENTS | | Medium |
| UkB | Udorthents, strip mine, gently sloping | UDORTHENTS | | Very low |
| UkD | Udorthents, strip mine, moderately steep | UDORTHENTS | | Low |
| UkF | Udorthents, strip mine, steep | UDORTHENTS | | Medium |
| Us | Urban land | URBAN LAND | | --- |
| W | Water | WATER | | --- |
| WeB | Weikert-Culleoka complex, 3 to 8 percent slopes | WEIKERT | somewhat excessively | Low |
| WeB | Weikert-Culleoka complex, 3 to 8 percent slopes | CULLEOKA | well | Low |
| WeC | Weikert-Culleoka complex, 8 to 15 percent slopes | WEIKERT | somewhat excessively | Low |
| WeC | Weikert-Culleoka complex, 8 to 15 percent slopes | CULLEOKA | well | Low |
| WeD | Weikert-Culleoka complex, 15 to 25 percent slopes | WEIKERT | somewhat excessively | Medium |
| WeD | Weikert-Culleoka complex, 15 to 25 percent slopes | CULLEOKA | well | Medium |

(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