
 WARREN COUNTY, NEW JERSEY -- RAINFALL FACTOR: 165

 MINIMUM SLOPES AND SLOPE LENGTHS THAT CLASSIFY AS HIGHLY ERODIBLE
 FOR EACH SOIL PHASE USING FORMULA: $R \times K \times (LS) \geq 8T$

NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE

| | | | |
|-----|--|-----------|--|
| AD | Adrian muck | 0 - 2 % | |
| CK | Carlisle muck | 0 - 2 % | |
| CNA | Chippewa very stony silt loam | 0 - 3 % | |
| EPD | Edneyville-Parker-ROCK OUTCROP association | steep | |
| | | 15 - 25 % | |
| FRA | Fredon loam | 0 - 3 % | |
| HBA | Hazen loam | 0 - 3 % | |
| HFA | Hazen gravelly loam | 0 - 3 % | |
| HKA | Hero loam | 0 - 3 % | |
| HRA | Hero gravelly loam | 0 - 3 % | |
| MD | Middlebury loam | 0 - 3 % | |
| NFD | Nassau-ROCK OUTCROP complex | 15 - 25 % | |
| NFE | Nassau-ROCK OUTCROP complex | 25 - 45 % | |
| ORD | Oquaga-Swartswood-ROCK OUTCROP association | 15 - 25 % | |
| PAA | Palmyra gravelly fine sandy loam | 0 - 3 % | |
| PC | Pits muck | 0 - 2 % | |
| PD | Pits sand and gravel | 0 - 0 % | |
| PNA | Pope fine sandy loam high bottom | 0 - 3 % | |
| POA | Pope gravelly fine sandy loam high bottom | 0 - 3 % | |
| ROF | ROCK OUTCROP-Oquaga association | 25 - 45 % | |
| RPF | ROCK OUTCROP-Parker-Edneyville association | 25 - 45 % | |
| RRE | ROCK OUTCROP-Rockaway-Parker association | 25 - 45 % | |
| RWD | ROCK OUTCROP-Wassaic complex | 15 - 25 % | |
| RWF | ROCK OUTCROP-Wassaic complex | 25 - 45 % | |
| VEA | Venango silt loam | 0 - 3 % | |
| WAA | Washington loam | 0 - 3 % | |
| WMA | Wassaic gravelly loam | 0 - 3 % | |
| WOB | Wassaic-ROCK OUTCROP complex | 3 - 8 % | |
| WOC | Wassaic-ROCK OUTCROP complex | 8 - 15 % | |
| WOD | Wassaic-ROCK OUTCROP complex | 15 - 25 % | |
| WP | Wayland silt loam | 0 - 3 % | |

POTENTIALLY HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE

| | | |
|------|--------------------------------|----------|
| ANB2 | Annandale gravelly loam eroded | 3 - 8 % |
| ASB | Annandale very stony loam | 3 - 8 % |
| ASC | Annandale very stony loam | 8 - 15 % |
| BAA | Bartley loam | 0 - 3 % |
| BAB | Bartley loam | 3 - 8 % |
| BDB | Bartley stony loam | 3 - 8 % |
| BFB | Bath gravelly loam | 3 - 8 % |
| BGB | Bath very stony loam | 3 - 8 % |

POTENTIALLY HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE
(continued)

| | | |
|-----|---|----------|
| CBB | Califon gravelly loam | 3 - 8 % |
| CCB | Califon very stony loam | 3 - 8 % |
| CCC | Califon very stony loam | 8 - 15 % |
| CMA | Chippewa silt loam | 0 - 3 % |
| CMB | Chippewa silt loam | 3 - 8 % |
| CNB | Chippewa very stony silt loam | 3 - 8 % |
| COA | Cokesbury loam | 0 - 3 % |
| COB | Cokesbury loam | 3 - 8 % |
| CSB | Cokesbury very stony loam | 3 - 8 % |
| EDB | Edneyville gravelly loam | 3 - 8 % |
| EEB | Edneyville extremely stony loam | 3 - 8 % |
| EEC | Edneyville extremely stony loam | 8 - 15 % |
| HA | Halsey loam | 0 - 8 % |
| HBB | Hazen loam | 3 - 8 % |
| HBC | Hazen loam | 8 - 15 % |
| HCB | Hazen cobbly loam | 3 - 8 % |
| HFB | Hazen gravelly loam | 3 - 8 % |
| HFC | Hazen gravelly loam | 8 - 15 % |
| HKB | Hero loam | 3 - 8 % |
| HRB | Hero gravelly loam | 3 - 8 % |
| LYA | Lyons silt loam | 0 - 4 % |
| LZB | Lyons very stony silt loam | 3 - 8 % |
| PAB | Palmyra gravelly fine sandy loam | 3 - 8 % |
| PNB | Pope fine sandy loam high bottom | 3 - 8 % |
| POB | Pope gravelly fine sandy loam high bottom | 3 - 8 % |
| SUB | Swartswood gravelly loam | 3 - 8 % |
| SVB | Swartswood very stony loam | 3 - 8 % |
| SVC | Swartswood very stony loam | 8 - 15 % |
| SXC | SWARTSWOOD-Oquaga extremely stony loams | 8 - 15 % |
| SXC | Swartswood-OQUAGA extremely stony loams | 8 - 15 % |
| VNB | Venango gravelly loam | 3 - 8 % |
| VSB | Venango very stony loam | 3 - 8 % |
| WAB | Washington loam | 3 - 8 % |
| WGB | Washington gravelly loam | 3 - 8 % |
| WKB | Washington very stony loam | 3 - 8 % |
| WMB | Wassaic gravelly loam | 3 - 8 % |
| WOB | WASSAIC-Rock outcrop complex | 3 - 8 % |
| WVB | Wurtsboro extremely stony loam | 3 - 8 % |

ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE

| | | |
|------|--------------------------------|-----------|
| ANC2 | Annandale gravelly loam eroded | 8 - 15 % |
| AND2 | Annandale gravelly loam eroded | 15 - 25 % |
| ASD | Annandale very stony loam | 15 - 25 % |
| BBC | Bartley gravelly loam | 8 - 15 % |
| BFC | Bath gravelly loam | 8 - 15 % |
| BFD | Bath gravelly loam | 15 - 25 % |
| BFE | Bath gravelly loam | 25 - 40 % |
| BGC | Bath very stony loam | 8 - 15 % |
| CBC2 | Califon gravelly loam eroded | 8 - 15 % |

ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE (continued)

| | | | |
|------|--|-----------|--|
| EDC | Edneyville gravelly loam | 8 - 15 % | |
| EPD | EDNEYVILLE-Parker-Rock outcrop association | steep | |
| | | 15 - 25 % | |
| EPD | Edneyville-PARKER-Rock outcrop association | steep | |
| | | 15 - 25 % | |
| HFD | Hazen gravelly loam | 15 - 25 % | |
| HFE | Hazen gravelly loam | 25 - 40 % | |
| NAC | Nassau rocky silt loam | 8 - 15 % | |
| NBB | Nassau shaly silt loam | 3 - 8 % | |
| NFD | NASSAU-Rock outcrop complex | 15 - 25 % | |
| NFE | NASSAU-Rock outcrop complex | 25 - 45 % | |
| ORD | OQUAGA-Swartswood-Rock outcrop association | 15 - 25 % | |
| ORD | Oquaga-SWARTSWOOD-Rock outcrop association | 15 - 25 % | |
| PBD | Parker gravelly sandy loam | 15 - 25 % | |
| PBE | Parker gravelly sandy loam | 25 - 40 % | |
| RCD | Rockaway very stony loam | 15 - 25 % | |
| ROF | Rock outcrop-OQUAGA association | 25 - 70 % | |
| RPF | Rock outcrop-PARKER-Edneyville association | 25 - 45 % | |
| RPF | Rock outcrop-Parker-EDNEYVILLE association | 25 - 45 % | |
| RRE | Rock outcrop-ROCKAWAY-Parker association | 25 - 45 % | |
| RRE | Rock outcrop-Rockaway-PARKER association | 25 - 45 % | |
| RWD | Rock outcrop-WASSAIC complex | 15 - 25 % | |
| RWF | Rock outcrop-WASSAIC complex | 25 - 45 % | |
| STC | Steinsburg fine sandy loam | 8 - 15 % | |
| SVD | Swartswood very stony loam | 15 - 25 % | |
| VNC | Venango gravelly loam | 8 - 15 % | |
| WAC2 | Washington loam eroded | 8 - 15 % | |
| WAD2 | Washington loam eroded | 15 - 25 % | |
| WGC | Washington gravelly loam | 8 - 15 % | |
| WGD | Washington gravelly loam | 15 - 25 % | |
| WKC | Washington very stony loam | 8 - 15 % | |
| WKD | Washington very stony loam | 15 - 25 % | |
| WKE | Washington very stony loam | 25 - 40 % | |
| WNC | Wassaic rocky gravelly loam | 8 - 15 % | |
| WND | Wassaic rocky gravelly loam | 15 - 25 % | |
| WOC | WASSAIC-Rock outcrop complex | 8 - 15 % | |
| WOD | WASSAIC-Rock outcrop complex | 15 - 25 % | |
| WVC | Wurtsboro extremely stony loam | 8 - 15 % | |