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UNION COUNTY, NEW JERSEY -- RAINFALL FACTOR: 180

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MINIMUM SLOPES AND SLOPE LENGTHS THAT CLASSIFY AS HIGHLY ERODIBLE FOR EACH SOIL PHASE USING FORMULA: R x K x (LS) >= 8T

NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE

AUB Amwell-URBAN association sloping 0 - 0 %

K= 0 T= 99 8T= 792

AW Humaquepts frequently flooded 0 - 3 %

K= .32 T= 4 8T= 32

BEB Birdsboro-URBAN LAND association sloping 0 - 0 %

K= 0 T= 99 8T= 792

BGA Birdsboro-URBAN LAND-Passaic association nearly level 0 - 0 %

K= 0 T= 99 8T= 792

BUB Boonton URBAN LAND-Haledon association undulating 0 - 0 %

K= 0 T= 99 8T= 792

BUD Boonton-URBAN LAND association steep 0 - 0 %

K= 0 T= 99 8T= 792

CA Carlisle-Adrian mucks 0 - 3 %

K= 0 T= 99 8T= 792

DUB Dunnellen-URBAN LAND association sloping 0 - 0 %

K= 0 T= 99 8T= 792

NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE (continued)

DUD Dunnellen-URBAN LAND association steep 0 - 0 %

K= 0 T= 99 8T= 792

DWA DUNNELLEN varianr-Urban land association nearly level 0 - 3 %

K= .24 T= 3 8T= 24

DWA Dunnellen variant-Urban land association nearly level 0 - 0 %

K= 0 T= 99 8T= 792

HUA Haledon-URBAN LAND-Hawthorne association 0 - 0 %

K= 0 T= 99 8T= 792

NUB Neshaminy-URBAN LAND association sloping 0 - 0 %

K= 0 T= 99 8T= 792

NUD Neshaminy-URBAN LAND association steep 0 - 0 %

K= 0 T= 99 8T= 792

PM Parsippany-URBAN LAND association nearly level 0 - 0 %

K= 0 T= 99 8T= 792

SU Sulfihemists and Sulfaquents 0 - 0 %

K= 0 T= 99 8T= 792

UL Urban land 0 - 0 %

K= 0 T= 99 8T= 792

WUA Whippany-URBAN LAND association nearly level 0 - 0 %

K= 0 T= 99 8T= 792

POTENTIALLY HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE

AMB Amwell silt loam 3 - 8 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	250	0.58	33.30
5	125	0.60	34.52
6	75	0.58	33.59
7	50	0.58	33.63
8	50	0.70	40.43

AUB AMWELL-Urban association sloping 3 - 15 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	250	0.58	33.30
5	125	0.60	34.52
6	75	0.58	33.59
7	50	0.58	33.63
8	50	0.70	40.43
9	50	0.83	47.83
10	50	0.97	55.82
11	50	1.12	64.40
12	50	1.28	73.55
13	50	1.45	83.26
14	50	1.62	93.53
15	50	1.81	104.35

BDB Birdsboro silt loam 3 - 8 %

K= .37 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	175	0.50	33.38
5	100	0.54	35.70
6	75	0.58	38.83
7	50	0.58	38.88
8	50	0.70	46.75

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

BEB BIRDSBORO-Urban land association sloping 0 - 8 %

K= .37 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	175	0.50	33.38
5	100	0.54	35.70
6	75	0.58	38.83
7	50	0.58	38.88
8	50	0.70	46.75

BFA Birdsboro silt loam variant 0 - 3 %

K= .37 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	225	0.37	24.43

BGA BIRDSBORO-Urban land-Passaic association nearly level 0 - 3 %

K= .37 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	225	0.37	24.43

BGA Birdsboro-Urban land-PASSAIC association 0 - 3 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	425	0.31	24.06
3	150	0.32	25.14

BOB Boonton loam 3 - 8 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	150	0.32	25.14
4	75	0.36	27.64
5	50	0.38	29.33
6	50	0.48	36.85
7	50	0.58	45.18
8	50	0.70	54.33

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

BUB BOONTON-Urban land-Haledon association undulating
3 - 8 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	150	0.32	25.14
4	75	0.36	27.64
5	50	0.38	29.33
6	50	0.48	36.85
7	50	0.58	45.18
8	50	0.70	54.33

BUB Boonton-Urban land-HALEDON association undulating
0 - 3 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	350	0.42	24.12

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

BUD BOONTON-Urban land association steep 0 - 25 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	425	0.31	24.06
3	150	0.32	25.14
4	75	0.36	27.64
5	50	0.38	29.33
6	50	0.48	36.85
7	50	0.58	45.18
8	50	0.70	54.33
9	50	0.83	64.27
10	50	0.97	75.01
11	50	1.12	86.53
12	50	1.28	98.83
13	50	1.45	111.88
14	50	1.62	125.68
15	50	1.81	140.22
16	50	2.01	155.48
17	50	2.22	171.44
18	50	2.43	188.10
19	50	2.65	205.43
20	50	2.89	223.42
21	50	3.13	242.05
22	50	3.38	261.30
23	50	3.63	281.16
24	50	3.90	301.61
25	50	4.17	322.63

DNB Dunnellen sandy loam 3 - 8 %

K= .24 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	250	0.58	24.97
5	125	0.60	25.89
6	75	0.58	25.19
7	50	0.58	25.22
8	50	0.70	30.32

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

DUB DUNNELLEN-Urban land association sloping 3 - 15 %

K= .24 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	250	0.58	24.97
5	125	0.60	25.89
6	75	0.58	25.19
7	50	0.58	25.22
8	50	0.70	30.32
9	50	0.83	35.87
10	50	0.97	41.87
11	50	1.12	48.30
12	50	1.28	55.16
13	50	1.45	62.45
14	50	1.62	70.15
15	50	1.81	78.26

DVB Dunnellen sandy loam variant 0 - 8 %

K= .24 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	250	0.58	24.97
5	125	0.60	25.89
6	75	0.58	25.19
7	50	0.58	25.22
8	50	0.70	30.32

HAA Haledon silt loam 0 - 3 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	350	0.42	24.12

HAB Haledon silt loam 3 - 8 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	350	0.42	24.12
4	125	0.44	25.23
5	75	0.46	26.74
6	50	0.48	27.42
7	50	0.58	33.63
8	50	0.70	40.43

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

HUA HALEDON-Urban land-Hawthorne association 0 - 8 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	350	0.42	24.12
4	125	0.44	25.23
5	75	0.46	26.74
6	50	0.48	27.42
7	50	0.58	33.63
8	50	0.70	40.43

HUA Haledon-Urban land-HAWTHORNE association 0 - 8 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	350	0.42	24.12
4	125	0.44	25.23
5	75	0.46	26.74
6	50	0.48	27.42
7	50	0.58	33.63
8	50	0.70	40.43

HVA Hawthorne variant 0 - 3 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	350	0.42	24.12

NHB Neshaminy extremely stony silt loam 3 - 8 %

K= .24 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	475	0.75	32.28
5	200	0.76	32.75
6	125	0.75	32.52
7	100	0.83	35.67
8	75	0.86	37.14

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

NHC Neshaminy extremely stony silt loam 8 - 15 %

K= .24 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
8	75	0.86	37.14
9	50	0.83	35.87
10	50	0.97	41.87
11	50	1.12	48.30
12	50	1.28	55.16
13	50	1.45	62.45
14	50	1.62	70.15
15	50	1.81	78.26

NUB NESHAMINY-Urban land association sloping 3 - ~~8~~ 15 %

K= .24 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	475	0.75	32.28
5	200	0.76	32.75
6	125	0.75	32.52
7	100	0.83	35.67
8	75	0.86	37.14

PH~~A~~ Parsippany silt loam 0 - 3 %

K= .43 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
3	350	0.42	32.41

PM PARSIPPANY-Urban land association nearly level 0 - 3 %

K= .43 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
3	350	0.42	32.41

PVA Passaic silt loam 0 - 3 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	425	0.31	24.06
3	150	0.32	25.14

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

WHA Whippany silt loam 0 - 3 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	425	0.31	24.06
3	150	0.32	25.14

WHB Whippany silt loam 3 - 8 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	150	0.32	25.14
4	75	0.36	27.64
5	50	0.38	29.33
6	50	0.48	36.85
7	50	0.58	45.18
8	50	0.70	54.33

WUA WHIPPANY-Urban land association nearly level 0 - 3 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	425	0.31	24.06
3	150	0.32	25.14

ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE

AMC Amwell very stony silt loam 8 - 15 %

K= .28 T= 4 8T= 32

BOC Boonton gravelly loam 8 - 15 %

K= .37 T= 3 8T= 24

BOD Boonton gravelly loam 15 - 35 %

K= .37 T= 3 8T= 24

DUD DUNNELLEN-Urban land association steep 15 - 25 %

K= .24 T= 3 8T= 24

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

KLF Klinesville shaly silt loam 25 - ~~35~~ %

K= .2 T= 2 8T= 16

NHD Neshaminy extremely stony silt loam 15 - ~~35~~ %

K= .24 T= 4 8T= 32

NHF Neshaminy extremely stony silt loam ~~35~~ 25 - 45 %

K= .24 T= 4 8T= 32

NUD NESHAMINY-Urban land association steep 15 - 25 %

K= .24 T= 4 8T= 32

TUE Tunkhannock gravelly sandy loam ~~15~~ 25 - 35 %

K= .24 T= 3 8T= 24

UF Udifluvents frequently flooded 0 - 0 %

K= 0 T= 0 8T= 0

UG Udorthents loamy 0 - 0 %

K= 0 T= 0 8T= 0

UH Udorthents organic substratum 0 - 0 %

K= 0 T= 0 8T= 0

UK Udorthents waste substratrum 0 - 0 %

K= 0 T= 0 8T= 0