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*****************************************************************
    PASSAIC COUNTY, NEW JERSEY  --  RAINFALL FACTOR:  170
*****************************************************************
MINIMUM SLOPES AND SLOPE LENGTHS THAT CLASSIFY AS HIGHLY ERODIBLE
     FOR EACH SOIL PHASE USING FORMULA: R x K x (LS) >= 8T
-----------------------------------------------------------------

AE     Alluvial land   0 - 0 %
-----------------------------------------------------------------
 K=  0       T=  99       8T=  792
   +++++++                                          +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                          +++++++

BRB    Boonton stony silt loam   3 - 8 %
-----------------------------------------------------------------
 K=  .37       T=  3       8T=  24
            %    LENGTH        'LS'      'R x K x LS'
          -----  ------        ----     ------------
            3     275         0.39         24.50
            4     100         0.40         25.20
            5      75         0.46         29.20
            6      50         0.48         29.95
            7      50         0.58         36.72
            8      50         0.70         44.15

BRC    Boonton stony silt loam   8 - 15 %
-----------------------------------------------------------------
 K=  .37       T=  3       8T=  24
   !!!!!!!                                          !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                          !!!!!!!

BSD    Boonton very stony silt loam   15 - 30 %
-----------------------------------------------------------------
 K=  .32       T=  3       8T=  24
   !!!!!!!                                          !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                          !!!!!!!

BTA    Braceville gravelly silt loam   0 - 5 %
-----------------------------------------------------------------
 K=  .2       T=  3       8T=  24
            %    LENGTH        'LS'      'R x K x LS'
          -----  ------        ----     ------------
            4     425         0.71         24.30
            5     175         0.71         24.11

CA     Carlisle muck   0 - 3 %
-----------------------------------------------------------------
 K=  0       T=  2       8T=  16
   +++++++                                          +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                          +++++++
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CKB Chenango silt loam 3 - 8 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	425	0.44	24.15
4	150	0.47	25.63
5	75	0.46	25.25
6	50	0.48	25.90
7	50	0.58	31.76
8	50	0.70	38.18

CKC Chenango silt loam 8 - 15 %

K= .32 T= 3 8T= 24

!!!!!!! !!!!!!!
! ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE !
!!!!!!! !!!!!!!

HCB Haledon very stony loam 3 - 8 %

K= .24 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	275	0.60	24.50
5	125	0.60	24.45
6	100	0.67	27.47
7	75	0.71	29.17
8	50	0.70	28.64

HCC Haledon very stony loam 8 - 15 %

K= .24 T= 3 8T= 24

!!!!!!! !!!!!!!
! ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE !
!!!!!!! !!!!!!!

HDA Haledon very stony silt loam wet variant 0 - 3 %

K= .24 T= 3 8T= 24

+++++++ +++++++
+ NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE +
+++++++ +++++++

HDB Haledon very stony silt loam wet variant 3 - 8 %

K= .24 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	275	0.60	24.50
5	125	0.60	24.45
6	100	0.67	27.47
7	75	0.71	29.17
8	50	0.70	28.64

HPC Hibernia extremely stony loam 3 - 15 %

K= .28 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	200	0.53	25.17
5	100	0.54	25.51
6	75	0.58	27.76
7	50	0.58	27.79
8	50	0.70	33.41
9	50	0.83	39.53
10	50	0.97	46.13
11	50	1.12	53.22
12	50	1.28	60.78
13	50	1.45	68.81
14	50	1.62	77.29
15	50	1.81	86.23

HRC HOLYOKE-Rock outcrop 3 - 15 %

K= .28 T= 1 8T= 8

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!!!!!!!                                                !!!!!!!
!  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
!!!!!!!                                                !!!!!!!
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HRC Holyoke-ROCK OUTCROP 3 - 15 %

K= 0 T= 99 8T= 792

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+++++++                                                +++++++
+   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
+++++++                                                +++++++
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MA Made land sanitary land fill 0 - 0 %

K= 0 T= 99 8T= 792

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+++++++                                                +++++++
+   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
+++++++                                                +++++++
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MS Muck shallow 0 - 3 %

K= 0 T= 2 8T= 16

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+++++++                                                +++++++
+   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
+++++++                                                +++++++
```

NKC Netcong extremely stony loam 3 - 15 %

K= .17 T= 0 8T= 0

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!!!!!!!                                                !!!!!!!
!  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
!!!!!!!                                                !!!!!!!
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NKD Netcong extremely stony loam 15 - 25 %

K= .17 T= 0 8T= 0

```
!!!!!!!                                                !!!!!!!
!  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
!!!!!!!                                                !!!!!!!
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NPA Norwich extremely stony silt loam 0 - 3 %

K= .24 T= 3 8T= 24

```
+++++++                                                +++++++
+   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
+++++++                                                +++++++
```

NPB Norwich extremely stony silt loam 3 - 8 %

K= .24 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	275	0.60	24.50
5	125	0.60	24.45
6	100	0.67	27.47
7	75	0.71	29.17
8	50	0.70	28.64

ORC Otisville sandy loam 3 - 15 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
5	250	0.85	24.49
6	175	0.89	25.74
7	125	0.92	26.68
8	75	0.86	24.84
9	75	1.02	29.39
10	50	0.97	28.01
11	50	1.12	32.31
12	50	1.28	36.90
13	50	1.45	41.77
14	50	1.62	46.93
15	50	1.81	52.36

OSD Otisville gravelly sandy loam 15 - 30 %

K= .17 T= 3 8T= 24

!!!!!!! !!!!!!!
! ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE !
!!!!!!! !!!!!!!

PK Parsippany silt loam sandy loam substratum 0 - 3 %

K= .43 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
3	425	0.44	32.45

PT Pits sand and gravel 0 - 0 %

K= 0 T= 99 8T= 792

+++++++ +++++++
+ NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE +
+++++++ +++++++

PVA Pompton fine sandy loam 0 - 5 %

K= .24 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	275	0.60	24.50
5	125	0.60	24.45

PX Preakness silt loam 0 - 3 %

K= .32 T= 5 8T= 40

+++++++ +++++++
+ NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE +
+++++++ +++++++

RBA Ridgebury extremely stony loam 0 - 3 %

K= .2 T= 3 8T= 24

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+++++++                                                  +++++++
+   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE    +
+++++++                                                  +++++++
```

RBB Ridgebury extremely stony loam 3 - 8 %

K= .2 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	425	0.71	24.30
5	175	0.71	24.11
6	125	0.75	25.59
7	75	0.71	24.31
8	75	0.86	29.23

RHB Riverhead sandy loam 3 - 8 %

K= .28 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	200	0.53	25.17
5	100	0.54	25.51
6	75	0.58	27.76
7	50	0.58	27.79
8	50	0.70	33.41

RHC Riverhead sandy loam 8 - 15 %

K= .28 T= 3 8T= 24

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!!!!!!!                                                  !!!!!!!
!  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE     !
!!!!!!!                                                  !!!!!!!
```

RMB Rockaway very stony sandy loam 3 - 8 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
5	250	0.85	24.49
6	175	0.89	25.74
7	125	0.92	26.68
8	75	0.86	24.84

RMC Rockaway very stony sandy loam 8 - 15 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
8	75	0.86	24.84
9	75	1.02	29.39
10	50	0.97	28.01
11	50	1.12	32.31
12	50	1.28	36.90
13	50	1.45	41.77
14	50	1.62	46.93
15	50	1.81	52.36

RRC Rockaway extremely stony sandy loam 3 - 15 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
5	250	0.85	24.49
6	175	0.89	25.74
7	125	0.92	26.68
8	75	0.86	24.84
9	75	1.02	29.39
10	50	0.97	28.01
11	50	1.12	32.31
12	50	1.28	36.90
13	50	1.45	41.77
14	50	1.62	46.93
15	50	1.81	52.36

RRD Rockaway extremely stony sandy loam 15 - 25 %

K= .17 T= 3 8T= 24

!!!!!!! !!!!!!!
! ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE !
!!!!!!! !!!!!!!

RSC ROCKAWAY-Rock outcrop 3 - 15 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
5	250	0.85	24.49
6	175	0.89	25.74
7	125	0.92	26.68
8	75	0.86	24.84
9	75	1.02	29.39
10	50	0.97	28.01
11	50	1.12	32.31
12	50	1.28	36.90
13	50	1.45	41.77
14	50	1.62	46.93
15	50	1.81	52.36

```
RSC    Rockaway-ROCK OUTCROP   3 - 15 %
-----------------------------------------------------------------
 K=  0      T=  99      8T=  792
   +++++++                                          +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                          +++++++

RWE    ROCK OUTCROP-Holyoke complex   15 - 35 %
-----------------------------------------------------------------
 K=  0      T=  99      8T=  792
   +++++++                                          +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                          +++++++

RWE    Rock outcrop-HOLYOKE complex   15 - 35 %
-----------------------------------------------------------------
 K=  .28      T=  1      8T=  8
   !!!!!!!                                          !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                          !!!!!!!

RXE    ROCK OUTCROP-Rockaway complex   15 - 35 %
-----------------------------------------------------------------
 K=  0      T=  99      8T=  792
   +++++++                                          +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                          +++++++

RXE    Rock Outcrop-ROCKAWAY complex   15 - 35 %
-----------------------------------------------------------------
 K=  .17      T=  3      8T=  24
   !!!!!!!                                          !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                          !!!!!!!

RYE    ROCK OUTCROP-Swartswood complex   15 - 45 %
-----------------------------------------------------------------
 K=  0      T=  0      8T=  0
   !!!!!!!                                          !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                          !!!!!!!

RYE    Rock outcrop-SWARTSWOOD complex   15 - 45 %
-----------------------------------------------------------------
 K=  .17      T=  3      8T=  24
   !!!!!!!                                          !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                          !!!!!!!
```

SDB Swartswood very stony fine sandy loam 3 - 8 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
5	250	0.85	24.49
6	175	0.89	25.74
7	125	0.92	26.68
8	75	0.86	24.84

SDC Swartswood very stony fine sandy loam 8 - 15 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
8	75	0.86	24.84
9	75	1.02	29.39
10	50	0.97	28.01
11	50	1.12	32.31
12	50	1.28	36.90
13	50	1.45	41.77
14	50	1.62	46.93
15	50	1.81	52.36

SEB Swartswood extremely stony fine sandy loam 3 - 8 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
5	250	0.85	24.49
6	175	0.89	25.74
7	125	0.92	26.68
8	75	0.86	24.84

SEC Swartswood extremely stony fine sandy loam 8 - 15 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
8	75	0.86	24.84
9	75	1.02	29.39
10	50	0.97	28.01
11	50	1.12	32.31
12	50	1.28	36.90
13	50	1.45	41.77
14	50	1.62	46.93
15	50	1.81	52.36

SED Swartswood extremely stony fine sandy loam 15 - 25 %

K= .17 T= 3 8T= 24

!!!!!!! !!!!!!!
! ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE !
!!!!!!! !!!!!!!

SRC SWARTSWOOD-Rock outcrop complex 3 - 15 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
5	250	0.85	24.49
6	175	0.89	25.74
7	125	0.92	26.68
8	75	0.86	24.84
9	75	1.02	29.39
10	50	0.97	28.01
11	50	1.12	32.31
12	50	1.28	36.90
13	50	1.45	41.77
14	50	1.62	46.93
15	50	1.81	52.36

SRC Swartswood-ROCK OUTCROP complex 3 - 15 %

K= 0 T= 99 8T= 792

+++++++ +++++++
+ NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE +
+++++++ +++++++

UBB URBAN LAND-Boonton complex gently sloping 3 - 8 %

K= 0 T= 99 8T= 792

+++++++ +++++++
+ NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE +
+++++++ +++++++

UBB Urban land-BOONTON complex gently sloping 3 - 8 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	175	0.34	24.86
4	75	0.36	26.11
5	50	0.38	27.70
6	50	0.48	34.80
7	50	0.58	42.67
8	50	0.70	51.31

UBC URBAN LAND-Boonton complex sloping 8 - 15 %

K= 0 T= 99 8T= 792

+++++++ +++++++
+ NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE +
+++++++ +++++++

UBC Urban land-BOONTON complex sloping 8 - 15 %

K= .43 T= 3 8T= 24

```
!!!!!!!                                                !!!!!!!
!  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
!!!!!!!                                                !!!!!!!
```

URB URBAN LAND-Riverhead complex gently sloping 3 - 8 %

K= 0 T= 99 8T= 792

```
+++++++                                                +++++++
+   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
+++++++                                                +++++++
```

URB Urban land-RIVERHEAD complex gently sloping 3 - 8 %

K= .28 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	200	0.53	25.17
5	100	0.54	25.51
6	75	0.58	27.76
7	50	0.58	27.79
8	50	0.70	33.41

UX URBAN LAND-Rockaway complex 3 - 15 %

K= 0 T= 99 8T= 792

```
+++++++                                                +++++++
+   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
+++++++                                                +++++++
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UX Urban land-ROCKAWAY complex 3 - 15 %

K= .17 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
5	250	0.85	24.49
6	175	0.89	25.74
7	125	0.92	26.68
8	75	0.86	24.84
9	75	1.02	29.39
10	50	0.97	28.01
11	50	1.12	32.31
12	50	1.28	36.90
13	50	1.45	41.77
14	50	1.62	46.93
15	50	1.81	52.36

WLA Whippany silt loam sandy loam substratum 0 - 5 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	175	0.34	24.86
4	75	0.36	26.11
5	50	0.38	27.70

WVB Wurtsboro extremely stony silt loam 3 - 8 %

K= .24 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
4	275	0.60	24.50
5	125	0.60	24.45
6	100	0.67	27.47
7	75	0.71	29.17
8	50	0.70	28.64

WVC Wurtsboro extremely stony silt loam 8 - 15 %

K= .24 T= 3 8T= 24

!!!!!!! !!!!!!!
! ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE !
!!!!!!! !!!!!!!