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*****************************************************************
    MERCER COUNTY, NEW JERSEY  --  RAINFALL FACTOR:  185
*****************************************************************
MINIMUM SLOPES AND SLOPE LENGTHS THAT CLASSIFY AS HIGHLY ERODIBLE
     FOR EACH SOIL PHASE USING FORMULA: R x K x (LS) >= 8T
-----------------------------------------------------------------

AD    Alluvial land   wet   0 - 2 %
-----------------------------------------------------------------
 K=  .24      T=  5      8T=  40
   +++++++                                              +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                              +++++++

AE    Alluvial land   very wet   0 - 2 %
-----------------------------------------------------------------
 K=  .24      T=  5      8T=  40
   +++++++                                              +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                              +++++++

AFB   Aura sandy loam moderately firm   2 - 5 %
-----------------------------------------------------------------
 K=  .43      T=  3      8T=  24
            %    LENGTH        'LS'     'R x K x LS'
          -----  ------        ----     ------------
            2     400         0.31         24.28
            3     125         0.31         24.46
            4      50         0.30         24.16
            5      50         0.38         30.15

AFC   Aura sandy loam moderately firm   5 - 10 %
-----------------------------------------------------------------
 K=  .43      T=  3      8T=  24
   !!!!!!!                                              !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                              !!!!!!!

BBB   Birdsboro loam   0 - 6 %
-----------------------------------------------------------------
 K=  .37      T=  4      8T=  32
            %    LENGTH        'LS'     'R x K x LS'
          -----  ------        ----     ------------
            4     150         0.47         32.26
            5     100         0.54         36.69
            6      50         0.48         32.59
```

BBB2 Birdsboro loam eroded 2 - 6 %

K= .37 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	150	0.47	32.26
5	100	0.54	36.69
6	50	0.48	32.59

BBC2 Birdsboro loam eroded 6 - 12 %

K= .37 T= 4 8T= 32

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!!!!!!!                                                !!!!!!!
!  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
!!!!!!!                                                !!!!!!!
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BDA Birdsboro silt loam 0 - 2 %

K= .37 T= 4 8T= 32

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

BDB Birdsboro silt loam 2 - 6 %

K= .37 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	150	0.47	32.26
5	100	0.54	36.69
6	50	0.48	32.59

BNA Birdsboro soils sandy subsoil variants 0 - 2 %

K= .37 T= 4 8T= 32

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

BNB Birdsboro soils sandy subsoil variants 2 - 6 %

K= .37 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	150	0.47	32.26
5	100	0.54	36.69
6	50	0.48	32.59

BNC Birdsboro soils sandy subsoil variants 6 - 12 %

K= .37 T= 4 8T= 32

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

BOB Birdsboro soils gravelly solum variants 0 - 5 %

K= .28 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	300	0.62	32.21
5	150	0.66	34.00

BT Bowmansville silt loam 0 - 2 %

K= .32 T= 4 8T= 32

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

BUA Bucks silt loam 0 - 2 %

K= .32 T= 4 8T= 32

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

BUB Bucks silt loam 2 - 6 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	225	0.55	32.81
5	125	0.60	35.48
6	75	0.58	34.52

BUB2 Bucks silt loam eroded 2 - 6 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	225	0.55	32.81
5	125	0.60	35.48
6	75	0.58	34.52

BUC Bucks silt loam 6 - 12 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
6	75	0.58	34.52
7	50	0.58	34.56
8	50	0.70	41.55
9	50	0.83	49.16
10	50	0.97	57.37
11	50	1.12	66.19
12	50	1.28	75.59

BUC2 Bucks silt loam eroded 6 - 12 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
6	75	0.58	34.52
7	50	0.58	34.56
8	50	0.70	41.55
9	50	0.83	49.16
10	50	0.97	57.37
11	50	1.12	66.19
12	50	1.28	75.59

CDA Chalfont silt loam 0 - 2 %

K= .49 T= 2 8T= 16

%	LENGTH	'LS'	'R x K x LS'
1	300	0.18	16.32
2	75	0.18	16.74

CDB Chalfont silt loam 2 - 6 %

K= .49 T= 2 8T= 16

%	LENGTH	'LS'	'R x K x LS'
2	75	0.18	16.74
3	50	0.23	21.17
4	50	0.30	27.53
5	50	0.38	34.36
6	50	0.48	43.16

CDB2 Chalfont silt loam 2 - 6 %

K= .49 T= 2 8T= 16

%	LENGTH	'LS'	'R x K x LS'
2	75	0.18	16.74
3	50	0.23	21.17
4	50	0.30	27.53
5	50	0.38	34.36
6	50	0.48	43.16

CDC2 Chalfont silt loam 6 - 12 %

K= .49 T= 2 8T= 16

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

CEB Chalfont very stony silt loam 0 - 6 %

K= .49 T= 2 8T= 16

%	LENGTH	'LS'	'R x K x LS'
1	300	0.18	16.32
2	75	0.18	16.74
3	50	0.23	21.17
4	50	0.30	27.53
5	50	0.38	34.36
6	50	0.48	43.16

CF Cut and fill land clayey substratum 0 - 5 %

K= 0 T= 99 8T= 792

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

CG Cut and fill land gravelly material 0 - 5 %

K= 0 T= 99 8T= 792

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

CT Cut and fill land rock substratum 0 - 6 %

K= 0 T= 99 8T= 792

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

CU Cut and fill land stratified substratum 0 - 10 %

K= .17 T= 5 8T= 40

%	LENGTH	'LS'	'R x K x LS'
6	375	1.30	41.01
7	250	1.31	41.05
8	175	1.31	41.30
9	125	1.31	41.29
10	100	1.37	43.10

DF Downer fine sandy loam gravelly clay loam substratum 0 - 5 %

K= .28 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	500	0.47	24.14
4	150	0.47	24.41
5	75	0.46	24.04

DGA Doylestown silt loam and Reaville silt loam 0 - 2 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28

DGB Doylestown silt loam and Reaville silt loam 2 - 6 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28
3	125	0.31	24.46
4	50	0.30	24.16
5	50	0.38	30.15
6	50	0.48	37.87

DGB2 Doylestown silt loam and Reaville silt loam wet variant 2 - 6 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28
3	125	0.31	24.46
4	50	0.30	24.16
5	50	0.38	30.15
6	50	0.48	37.87

DGC Doylestown silt loam and Reaville silt loam wet variant 6 - 12 %

K= .43 T= 3 8T= 24

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

DGC2 Doylestown silt loam and Reaville silt loam wet variant 6 - 12 %

K= .43 T= 3 8T= 24

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

DWB DRAGSTON and Woodstown sandy loams 0 - 4 %

K= .2 T= 4 8T= 32

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

DWB Dragston and WOODSTOWN sandy loams 0 - 4 %

K= .28 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	300	0.62	32.21

EK Elkton silt loam 0 - 2 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28

EVB Evesboro loamy sand 0 - 5 %

K= .17 T= 5 8T= 40

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

EwB Evesboro soils sandy loam subsoil variants 0 - 5 %

K= .2 T= 5 8T= 40

%	LENGTH	'LS'	'R x K x LS'
5	425	1.10	40.88

FD Fallsington sandy loam 0 - 2 %

K= .28 T= 4 8T= 32

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

FM Fresh water marsh 0 - 2 %

K= 0 T= 99 8T= 792

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

FRB Fort Mott loamy sand 0 - 5 %

K= .2 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
5	275	0.89	32.89

FRC Fort Mott loamy sand 5 - 10 %

K= .2 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
5	275	0.89	32.89
6	175	0.89	32.96
7	125	0.92	34.15
8	100	0.99	36.73
9	75	1.02	37.63
10	50	0.97	35.86

GAB Galestown loamy sand 0 - 5 %

K= .17 T= 5 8T= 40

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

GEB Galestown sandy loam 0 - 6 %

K= .28 T= 5 8T= 40

%	LENGTH	'LS'	'R x K x LS'
5	225	0.80	41.65
6	150	0.82	42.72

KM Klej soils sandy loam subsoil variant 0 - 3 %

K= .28 T= 4 8T= 32

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

KSC Klinesville shaly loam 6 - 12 %

K= .15 T= 2 8T= 16

%	LENGTH	'LS'	'R x K x LS'
6	75	0.58	16.18
7	50	0.58	16.20
8	50	0.70	19.48
9	50	0.83	23.04
10	50	0.97	26.89
11	50	1.12	31.02
12	50	1.28	35.43

KSE Klinesville shaly loam 12 - 30 %

K= .15 T= 2 8T= 16

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

LAB Lansdale sandy loam 2 - 6 %

K= .28 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	300	0.62	32.21
5	150	0.66	34.00
6	100	0.67	34.88

LCC2 Lansdale channery loam 6 - 12 %

K= .24 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
6	125	0.75	33.42
7	100	0.83	36.66
8	75	0.86	38.17
9	50	0.83	36.87
10	50	0.97	43.03
11	50	1.12	49.64
12	50	1.28	56.69

LCD2 Lansdale channery loam eroded 12 - 18 %

K= .24 T= 4 8T= 32

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

LDC Lansdale very stony loam 0 - 12 %

K= .2 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
5	275	0.89	32.89
6	175	0.89	32.96
7	125	0.92	34.15
8	100	0.99	36.73
9	75	1.02	37.63
10	50	0.97	35.86
11	50	1.12	41.37
12	50	1.28	47.24

LDE Lansdale very stony loam 12 - 30 %

K= .2 T= 4 8T= 32

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

LEA LAWRENCEVILLE and Mount Lucas silt loams 0 - 2 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28

LEA Lawrenceville and MOUNT LUCAS silt loams 0 - 2 %

K= .32 T= 3 8T= 24

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

LEB LAWRENCEVILLE and Mount Lucas silt loams 2 - 6 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28
3	125	0.31	24.46
4	50	0.30	24.16
5	50	0.38	30.15
6	50	0.48	37.87

LEB Lawrenceville and MOUNT LUCAS silt loams 2 - 6 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	325	0.41	24.24
4	125	0.44	25.93
5	75	0.46	27.48
6	50	0.48	28.19

LEB2 LAWRENCEVILLE and Mount Lucas silt loams 2 - 6 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28
3	125	0.31	24.46
4	50	0.30	24.16
5	50	0.38	30.15
6	50	0.48	37.87

LEB2 Lawrenceville and MOUNT LUCAS silt loams 2 - 6 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	325	0.41	24.24
4	125	0.44	25.93
5	75	0.46	27.48
6	50	0.48	28.19

LEC2 LAWRENCEVILLE and Mount Lucas silt loams 6 - 12 %

K= .43 T= 3 8T= 24

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

LEC2 Lawrenceville and MOUNT LUCAS silt loams 6 - 12 %

K= .32 T= 3 8T= 24

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

LGC Legore gravelly loam 6 - 12 %

K= .2 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
6	100	0.67	24.91
7	75	0.71	26.45
8	50	0.70	25.97
9	50	0.83	30.73
10	50	0.97	35.86
11	50	1.12	41.37
12	50	1.28	47.24

LGD Legore gravelly loam 12 - 18 %

K= .2 T= 3 8T= 24

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

LGE Legore gravelly loam 18 - 30 %

K= .2 T= 3 8T= 24

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

LHB Lehigh silt loam 0 - 6 %

K= .37 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	200	0.35	24.23
4	75	0.36	24.44
5	50	0.38	25.94
6	50	0.48	32.59

LHB2 Lehigh silt loam eroded 2 - 6 %

K= .37 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	200	0.35	24.23
4	75	0.36	24.44
5	50	0.38	25.94
6	50	0.48	32.59

LHC2 Lehigh silt loam eroded 6 - 12 %

K= .37 T= 3 8T= 24

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

LK LENIOR-Keyport silt loams 0 - 5 %

K= .37 T= 5 8T= 40

%	LENGTH	'LS'	'R x K x LS'
4	275	0.60	41.10
5	125	0.60	41.02

LK Lenior-KEYPORT silt loams 0 - 5 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28
3	125	0.31	24.46
4	50	0.30	24.16
5	50	0.38	30.15

MF Made land dredged river materials 0 - 0 %

K= 0 T= 99 8T= 792

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

MOA Matapeake loam 0 - 2 %

K= .37 T= 4 8T= 32

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

MOB Matapeake loam 2 - 5 %

K= .37 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	150	0.47	32.26
5	100	0.54	36.69

MOC2 Matapeake loam eroded 5 - 10 %

K= .37 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
5	100	0.54	36.69
6	50	0.48	32.59
7	50	0.58	39.96
8	50	0.70	48.05
9	50	0.83	56.84
10	50	0.97	66.34

Mq Mattapex and Bertie loams 0 - 5 %

K= .37 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	150	0.47	32.26
5	100	0.54	36.69

MVB Mount Lucas very stony silt loam 0 - 6 %

K= .28 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	500	0.47	24.14
4	150	0.47	24.41
5	75	0.46	24.04
6	50	0.48	24.66

MVC Mount Lucas very stony silt loam 6 - 12 %

K= .28 T= 3 8T= 24

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!!!!!!!                                                  !!!!!!!
!  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE     !
!!!!!!!                                                  !!!!!!!
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NEB Neshaminy silt loam 0 - 6 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	225	0.55	32.81
5	125	0.60	35.48
6	75	0.58	34.52

NEC Neshaminy silt loam 6 - 12 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
6	75	0.58	34.52
7	50	0.58	34.56
8	50	0.70	41.55
9	50	0.83	49.16
10	50	0.97	57.37
11	50	1.12	66.19
12	50	1.28	75.59

NEC2 Neshaminy silt loam eroded 6 - 12 %

K= .32 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
6	75	0.58	34.52
7	50	0.58	34.56
8	50	0.70	41.55
9	50	0.83	49.16
10	50	0.97	57.37
11	50	1.12	66.19
12	50	1.28	75.59

NHC Neshaminy very stony silt loam 0 - 12 %

K= .24 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	450	0.73	32.47
5	200	0.76	33.66
6	125	0.75	33.42
7	100	0.83	36.66
8	75	0.86	38.17
9	50	0.83	36.87
10	50	0.97	43.03
11	50	1.12	49.64
12	50	1.28	56.69

NHE Neshaminy very stony silt loam 12 - 30 %

K= .24 T= 4 8T= 32

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

OT Othello silt loam 0 - 3 %

K= .37 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	200	0.35	24.23

PEB Penn shaly silt loam 0 - 6 %

K= .28 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	500	0.47	24.14
4	150	0.47	24.41
5	75	0.46	24.04
6	50	0.48	24.66

PEC Penn shaly silt loam 6 - 12 %

K= .28 T= 3 8T= 24

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

PED Penn shaly silt loam 12 - 18 %

K= .28 T= 3 8T= 24

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

PG Pits 0 - 0 %

K= 0 T= 99 8T= 792

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

PU Plummer sandy loam 0 - 2 %

K= .24 T= 5 8T= 40

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

PV Plummer sandy loam very wet 0 - 2 %

K= .24 T= 5 8T= 40

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

PW Portsmouth silt ;oam thin surface variant 0 - 2 %

K= .24 T= 3 8T= 24

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

QKB Quakertown silt loam 0 - 6 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	325	0.41	24.24
4	125	0.44	25.93
5	75	0.46	27.48
6	50	0.48	28.19

QKB2 Quakertown silt loam eroded 2 - 6 %

K= .32 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	325	0.41	24.24
4	125	0.44	25.93
5	75	0.46	27.48
6	50	0.48	28.19

QKC Quakertown silt loam 6 - 12 %

K= .32 T= 3 8T= 24

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

QKC2 Quakertown silt loam eroded 6 - 12 %

K= .32 T= 3 8T= 24

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

QUB Quakertown channery silt loam 2 - 6 %

K= .28 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	500	0.47	24.14
4	150	0.47	24.41
5	75	0.46	24.04
6	50	0.48	24.66

QUC Quakertown channery silt loam 6 - 12 %

K= .28 T= 3 8T= 24

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

QUC2 Quakertown channery silt loam eroded 6 - 12 %

K= .28 T= 3 8T= 24

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

QUD2 Quakertown channery silt loam eroded 12 - 18 %

K= .28 T= 3 8T= 24

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

RAA Readington and Abbottstown silt loams 0 - 2 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28

RAB Readington and Abbottstown silt loams 2 - 6 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28
3	125	0.31	24.46
4	50	0.30	24.16
5	50	0.38	30.15
6	50	0.48	37.87

RAB2 Readington and Abbottstown silt loams eroded 2 - 6 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28
3	125	0.31	24.46
4	50	0.30	24.16
5	50	0.38	30.15
6	50	0.48	37.87

RAC2 Readington and Abbottstown silt loams eroded 6 - 12 %

K= .43 T= 3 8T= 24

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

REA Reaville silt loam 0 - 2 %

K= .43 T= 2 8T= 16

%	LENGTH	'LS'	'R x K x LS'
1	450	0.20	16.18
2	100	0.20	16.02

REB Reaville silt loam 2 - 6 %

K= .43 T= 2 8T= 16

%	LENGTH	'LS'	'R x K x LS'
2	100	0.20	16.02
3	50	0.23	18.58
4	50	0.30	24.16
5	50	0.38	30.15
6	50	0.48	37.87

REB2 Reaville silt loam eroded 2 - 6 %

K= .43 T= 2 8T= 16

%	LENGTH	'LS'	'R x K x LS'
2	100	0.20	16.02
3	50	0.23	18.58
4	50	0.30	24.16
5	50	0.38	30.15
6	50	0.48	37.87

REC2 Reaville silt loam eroded 6 - 12 %

K= .43 T= 2 8T= 16

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

```
RO    Rowland silt loam   0 - 2 %
-------------------------------------------------------------------
 K=  .43      T=  4      8T=  32
   +++++++                                              +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                              +++++++

SDD   SANDY and silty land  strongly sloping   10 - 15 %
-------------------------------------------------------------------
 K=  .2       T=  2      8T=  16
   !!!!!!!                                              !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                              !!!!!!!

SDD   Sandy and SILTY land  strongly sloping   10 - 15 %
-------------------------------------------------------------------
 K=  .43      T=  2      8T=  16
   !!!!!!!                                              !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                              !!!!!!!

SDE   SANDY and silty land  steep   15 - 25 %
-------------------------------------------------------------------
 K=  .2       T=  2      8T=  16
   !!!!!!!                                              !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                              !!!!!!!

SDE   Sandy and SILTY land  steep   15 - 25 %
-------------------------------------------------------------------
 K=  .43      T=  2      8T=  16
   !!!!!!!                                              !!!!!!!
   !  ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE    !
   !!!!!!!                                              !!!!!!!

SRA   Sassafras sandy loam   0 - 2 %
-------------------------------------------------------------------
 K=  .28      T=  4      8T=  32
   +++++++                                              +++++++
   +   NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE   +
   +++++++                                              +++++++

SRB   Sassafras sandy loam   2 - 5 %
-------------------------------------------------------------------
 K=  .28      T=  4      8T=  32
            %    LENGTH        'LS'      'R x K x LS'
          -----  ------        ----     ------------
            4     300         0.62          32.21
            5     150         0.66          34.00
```

SRC Sassafras sandy loam 5 - 10 %

K= .28 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
5	150	0.66	34.00
6	100	0.67	34.88
7	75	0.71	37.04
8	50	0.70	36.36
9	50	0.83	43.02
10	50	0.97	50.20

SRC2 Sassafras sandy loam eroded 5 - 10 %

K= .28 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
5	150	0.66	34.00
6	100	0.67	34.88
7	75	0.71	37.04
8	50	0.70	36.36
9	50	0.83	43.02
10	50	0.97	50.20

SSB Sassafras gravelly sandy loam 2 - 5 %

K= .24 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	450	0.73	32.47
5	200	0.76	33.66

STC3 Sassafras sandy clay loam eroded 5 - 10 %

K= .37 T= 2 8T= 16

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

SYB Sassafras-Woodstown sandy loams 0 - 5 %

K= .28 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	300	0.62	32.21
5	150	0.66	34.00

TNB Tinton loamy sand 2 - 5 %

K= .2 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
5	275	0.89	32.89

TO Tioga fine sandy loam 0 - 2 %

K= .37 T= 5 8T= 40

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

UG Urban land - GALESTOWN material 0 - 5 %

K= .17 T= 5 8T= 40

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

US Urban land - SASSAFRAS material 0 - 10 %

K= .28 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	300	0.62	32.21
5	150	0.66	34.00
6	100	0.67	34.88
7	75	0.71	37.04
8	50	0.70	36.36
9	50	0.83	43.02
10	50	0.97	50.20

VMC Very stony land Mount Lucas and Neshaminy materials 0 - 12 %

K= .28 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
3	500	0.47	24.14
4	150	0.47	24.41
5	75	0.46	24.04
6	50	0.48	24.66
7	50	0.58	30.24
8	50	0.70	36.36
9	50	0.83	43.02
10	50	0.97	50.20
11	50	1.12	57.91
12	50	1.28	66.14

VNE Very stony land Neshaminy material 12 - 30 %

K= .24 T= 4 8T= 32

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

VW Very stony land Watchung material 0 - 3 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28
3	125	0.31	24.46

WC Watchung silt loam 0 - 2 %

K= .43 T= 3 8T= 24

%	LENGTH	'LS'	'R x K x LS'
2	400	0.31	24.28

WFB Woodstown - Fallsington sandy loams 2 - 5 %

K= .28 T= 4 8T= 32

%	LENGTH	'LS'	'R x K x LS'
4	300	0.62	32.21
5	150	0.66	34.00