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 BERGEN COUNTY, NEW JERSEY -- RAINFALL FACTOR: 175

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 MINIMUM SLOPES AND SLOPE LENGTHS THAT CLASSIFY AS HIGHLY ERODIBLE  
 FOR EACH SOIL PHASE USING FORMULA:  $R \times K \times (LS) \geq 8T$   
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NO HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE

Ad Adrian muck 0 - 2 %

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 K= 0 T= 5 8T= 40

BUB Boonton soils - URBAN LAND complex undulating 3 - 8 %

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 K= 0 T= 99 8T= 792

BUC Boonton soils - URBAN LAND complex gently rolling 8 - 15 %

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 K= 0 T= 99 8T= 792

BUD Boonton soils - URBAN LAND complex steep 15 - 25 %

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 K= 0 T= 99 8T= 792

BUE Boonton soils - URBAN LAND complex very steep 25 - 35 %

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 K= 0 T= 99 8T= 792

Ca Carlisle muck 0 - 2 %

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 K= 0 T= 2 8T= 16

DVA DUNNELLEN - Urban land complex level 0 - 3 %

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 K= .24 T= 3 8T= 24

DVA Dunnellen - URBAN LAND complex level 0 - 3 %

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 K= .24 T= 3 8T= 24

DVB Dunnellen - URBAN LAND complex undulating 3 - 8 %

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 K= 0 T= 99 8T= 792

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

DVC Dunnellen - URBAN LAND complex gently rolling 8 - 15 %

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K= 0 T= 99 8T= 792

DVD Dunnellen - URBAN LAND complex steep 15 - 25 %

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K= 0 T= 99 8T= 792

FL Fluvaquents 0 - 2 %

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K= 0 T= 99 8T= 792

HUB Haledon soils - URBAN LAND complex undulating 3 - 8 %

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K= 0 T= 99 8T= 792

HVA Haledon very stony loam variant 0 - 3 %

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K= .24 T= 3 8T= 24

POA Pomptom silt loam 0 - 3 %

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K= .24 T= 3 8T= 24

PS Psamments 0 - 0 %

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K= 0 T= 99 8T= 792

RAA Riverhead sandy loam 0 - 3 %

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K= .28 T= 3 8T= 24

RRC Rockaway soils - ROCK OUTCROP complex gently rolling 0-0 %

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K= 0 T= 99 8T= 792

RRD Rockaway soils - ROCK OUTCROP complex steep 0 - 0 %

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K= 0 T= 99 8T= 792

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

RRE Rockaway soils - ROCK OUTCROP complex very steep 0 - 0 %

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K= 0 T= 99 8T= 792

SU Sulfaquents and Sulfihemists tide flooded 0 - 0 %

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K= 0 T= 99 8T= 792

UA Udorthents loamy 0 - 0 %

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K= 0 T= 99 8T= 792

UB Udorthents organic substratum 0 - 0 %

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K= 0 T= 99 8T= 792

UC Udorthents organic substratum - Urban land complex 0 - 0 %

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K= 0 T= 99 8T= 792

UD Udorthents waste substratum 0 - 0 %

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K= 0 T= 99 8T= 792

UE Udorthents wet substratum 0 - 0 %

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K= 0 T= 99 8T= 792

UF Udorthents wet substratum - Urban land complex 0 - 0 %

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K= 0 T= 99 8T= 792

UR Urban land 0 - 0 %

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K= 0 T= 99 8T= 792

## POTENTIALLY HIGHLY ERODIBLE SOILS FOUND IN THIS SOIL PHASE

BoB Boonton gravelly loam 3 - 8 %

K=	.37	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	3	250		0.38		24.51	
	4	100		0.40		25.94	
	5	50		0.38		24.54	
	6	50		0.48		30.83	
	7	50		0.58		37.80	
	8	50		0.70		45.45	

BrB Boonton very stony loam 3 - 8 %

K=	.37	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	3	250		0.38		24.51	
	4	100		0.40		25.94	
	5	50		0.38		24.54	
	6	50		0.48		30.83	
	7	50		0.58		37.80	
	8	50		0.70		45.45	

BsB Boonton soils - very rocky 3 - 8 %

K=	.32	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	3	400		0.44		24.41	
	4	125		0.44		24.53	
	5	75		0.46		25.99	
	6	50		0.48		26.66	
	7	50		0.58		32.69	
	8	50		0.70		39.31	

BUB BOONTON soils - Urban land complex undulating 3 - 8 %

K=	.37	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	3	250		0.38		24.51	
	4	100		0.40		25.94	
	5	50		0.38		24.54	
	6	50		0.48		30.83	
	7	50		0.58		37.80	
	8	50		0.70		45.45	

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

DuB Dunnellen loam 3 - 8 %

K=	.24	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	4	250		0.58		24.28	
	5	125		0.60		25.17	
	6	75		0.58		24.49	
	7	50		0.58		24.52	
	8	50		0.70		29.48	

DVB DUNNELLEN - Urban land complex undulating 3 - 8 %

K=	.24	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	4	250		0.58		24.28	
	5	125		0.60		25.17	
	6	75		0.58		24.49	
	7	50		0.58		24.52	
	8	50		0.70		29.48	

HaB Haledon gravelly loam 3 - 8 %

K=	.28	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	4	175		0.50		24.56	
	5	100		0.54		26.26	
	6	75		0.58		28.57	
	7	50		0.58		28.60	
	8	50		0.70		34.39	

HbB Haledon very stony loam 3 - 8 %

K=	.24	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	4	250		0.58		24.28	
	5	125		0.60		25.17	
	6	75		0.58		24.49	
	7	50		0.58		24.52	
	8	50		0.70		29.48	

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

HUB HALEDON soils - Urban land complex undulating 3 - 8 %

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K=	.24	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	4	250		0.58		24.28	
	5	125		0.60		25.17	
	6	75		0.58		24.49	
	7	50		0.58		24.52	
	8	50		0.70		29.48	

HZB Hibernia very stony loam 3 - 8 %

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K=	.37	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	3	250		0.38		24.51	
	4	100		0.40		25.94	
	5	50		0.38		24.54	
	6	50		0.48		30.83	
	7	50		0.58		37.80	
	8	50		0.70		45.45	

PR Preakness silt loam 0 - 4 %

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K=	.32	T=	5	8T=	40		
	%	LENGTH		'LS'		'R x K x LS'	
	4	425		0.71		40.02	

RAB Riverhead sandy loam 3 - 8 %

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K=	.28	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	4	175		0.50		24.56	
	5	100		0.54		26.26	
	6	75		0.58		28.57	
	7	50		0.58		28.60	
	8	50		0.70		34.39	

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

ROC Rockaway very stony loam 8 - 15 %

K=	.17	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	8	75		0.86		25.57	
	9	50		0.83		24.70	
	10	50		0.97		28.83	
	11	50		1.12		33.26	
	12	50		1.28		37.99	
	13	50		1.45		43.00	
	14	50		1.62		48.31	
	15	50		1.81		53.90	

RRC ROCKAWAY soils - Rock outcrop complex gently rolling 8-15 %

K=	.17	T=	3	8T=	24		
	%	LENGTH		'LS'		'R x K x LS'	
	8	75		0.86		25.57	
	9	50		0.83		24.70	
	10	50		0.97		28.83	
	11	50		1.12		33.26	
	12	50		1.28		37.99	
	13	50		1.45		43.00	
	14	50		1.62		48.31	
	15	50		1.81		53.90	

ALL SLOPES IN THIS SOIL PHASE ARE HIGHLY ERODIBLE

BoC Boonton gravelly loam 8 - 15 %

K=	.37	T=	3	8T=	24

BoD Boonton gravelly loam 15 - 25 %

K=	.37	T=	3	8T=	24

BoE Boonton gravelly loam 25 - 35 %

K=	.37	T=	3	8T=	24

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

BrC	Boonton very stony loam	8 - 15 %
K=	.37	T= 3      8T= 24
BrD	Boonton very stony loam	15 - 25 %
K=	.37	T= 3      8T= 24
BsC	Boonton soils - very rocky	8 - 15 %
K=	.32	T= 3      8T= 24
BsD	Boonton soils - very rocky	15 - 25 %
K=	.32	T= 3      8T= 24
BsE	Boonton soils - very rocky	25 - 35 %
K=	.32	T= 3      8T= 24
BUC	BOONTON soils - Urban land complex gently rolling	8 - 15 %
K=	.37	T= 3      8T= 24
BUD	BOONTON soils - Urban land complex steep	15 - 25 %
K=	.37	T= 3      8T= 24
BUE	BOONTON soils - Urban land complex very steep	25 - 35 %
K=	.37	T= 3      8T= 24
DuC	Dunnellen loam	8 - 15 %
K=	.24	T= 3      8T= 24
DuD	Dunnellen loam	15 - 25 %
K=	.24	T= 3      8T= 24

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

DVC	DUNNELLEN - Urban land complex	gently rolling	8 - 15 %
K=	.24	T= 3	8T= 24
DVD	DUNNELLEN - Urban land complex	steep	15 - 25 %
K=	.24	T= 3	8T= 24
OTD	Otisville gravelly loamy sand		15 - 25 %
K=	.17	T= 3	8T= 24
OTE	Otisville gravelly loamy sand		25 - 35 %
K=	.17	T= 3	8T= 24
RAC	Riverhead sandy loam		8 - 15 %
K=	.28	T= 3	8T= 24
ROD	Rockaway very stony loam		15 - 25 %
K=	.17	T= 3	8T= 24
ROE	Rockaway very stony loam		25 - 35 %
K=	.17	T= 3	8T= 24
RRD	ROCKAWAY soils - Rock outcrop complex	steep	15 - 25 %
K=	.17	T= 3	8T= 24
RRE	ROCKAWAY soils - Rock outcrop complex	very steep	25 - 35 %
K=	.17	T= 3	8T= 24