Highly Erodible Map Units For Rockingham County, NH Page 1

Sym	Series	Slope	T	K	SLS*	SLL*	LSL*	LSH*	HELLS*	HEL*
12A	Hinckley	0-3	3	.17	50	300	0.000	0.400	1.177	No
12B	Hinckley	3-8	3	.17	50	300	0.233	1.720	1.177	Maybe
12C	Hinckley	8-15	3	.17	50	300	0.701	4.500	1.177	Maybe
12E	Hinckley	15-60	3	.17	50	300	1.800	35.000	1.177	Yes
26A	Windsor	0-3	5	.17	100	300	0.000	0.400	1.961	No
26B	Windsor	3-8	5	.17	100	300	0.287	1.720	1.961	No
26C	Windsor	8-15	5	.17	100	300	0.992	4.500	1.961	Maybe
26E	Windsor	15-60	5	.17	100	300	2.550	35.000	1.961	Yes
29A	Woodbridge	0-3	3	.24	100	300	0.000	0.400	0.833	No
29B	Woodbridge	3-8	3	.24	100	300	0.287	1.720	0.833	Maybe
30A	Unadilla	0-3	3	.49	50	300	0.000	0.400	0.408	No
30B	Unadilla	3-8	3	.49	50	300	0.233	1.720	0.408	Maybe
32A	Boxford	0-3	3	.32	100	300	0.000	0.400	0.625	No
32B	Boxford	3-8	3	.32	100	300	0.287	1.720	0.625	Maybe
32C	Boxford	8-15	3	.32	100	300	0.992	4.500	0.625	Yes
33A	Scitico	0-5	3	.49	50	300	0.000	1.000	0.408	Maybe
38A	Eldridge	0-3	3	.24	100	300	0.000	0.400	0.833	No
38B	Eldridge	3-8	3	.24	100	300	0.287	1.720	0.833	Maybe
42B	Canton	3-8	3	.24	100	300	0.287	1.720	0.833	Maybe
42C	Canton	8-15	3	.24	100	300	0.992	4.500	0.833	Yes
42D	Canton	15-25	3	.24	100	300	2.550	9.000	0.833	Yes
43B	Canton	3-8	3	.20	75	500	0.264	2.220	1.000	Maybe
43C	Canton	8-15	3	.20	75	500	0.859	5.700	1.000	Maybe
43D	Canton	15-25	3	.20	75	500	2.250	30.000	1.000	Yes
43E	Canton	25-35	3	.20	75	500	5.000	30.000	1.000	Yes
44B	Montauk	3-8	3	.32	100	300	0.287	1.720	0.625	Maybe
44C	Montauk	8-15	3	.32	100	300	0.992	4.500	0.625	Yes
45B	Montauk	3-8	3	.24	100	300	0.287	1.720	0.833	Maybe
45C	Montauk	8-15	3	.24	100	300	0.992	4.500	0.833	Yes
45D	Montauk	15-25	3	.24	100	300	2.550	9.000	0.833	Yes
62B	Charlton	3-8	3	.24	100	300	0.287	1.720	0.833	Maybe
62C	Charlton	8-15	3	.24	100	300	0.992	4.500	0.833	Yes
63B	Charlton	3-8	3	.20	75	500	0.264	2.220	1.000	Maybe
63C	Charlton	8-15	3	.20	75	500	0.859	5.700	1.000	Maybe
63D	Charlton	15-25	3	.20	75	500	2.250	30.000	1.000	Yes
66B	Paxton	3-8	3	.24	100	300	0.287	1.720	0.833	Maybe
66C	Paxton	8-15	3	.24	100	300	0.992	4.500	0.833	Yes
66D	Paxton	15-25	3	.24	100	300	2.550	9.000	0.833	Yes
67B	Paxton	3-8	3	.20	75	500	0.264	2.220	1.000	Maybe
67C	Paxton	8-15	3	.20	75	500	0.859	5.700	1.000	Maybe
67D	Paxton	15-25	3	.20	75	500	2.250	30.000	1.000	Yes
67E	Paxton	25-35	3	.20	75	500	5.000	30.000	1.000	Yes
97	Greenwood and Ossipee	0-2	***	***	***	***	***	***	***	No

* EXPLANATIONS OF COLUMN HEADINGS ARE ON THE LAST PAGE

Sym	Series	Slope	T	K	SLS*	SLL*	LSL*	LSH*	HELLS*	HEL*
115	Scarboro	0-2	5	.17	100	300	0.000	0.280	1.961	No
125	Scarboro	0-2	5	.17	100	300	0.000	0.280	1.961	No
129B	Woodbridge	3-8	3	.20	75	500	0.264	2.220	1.000	Maybe
129C	Woodbridge	8-15	3	.20	75	500	0.859	5.700	1.000	Maybe
134	Maybid	0-2	5	.32	100	300	0.000	0.280	1.042	No
140B	Chatfield-Hollis-Canton	3-8	1	.24	50	300	0.233	1.720	0.277	Maybe
140C	Chatfield-Hollis-Canton	8-15	1	.24	50	300	0.701	4.500	0.277	Yes
140D	Chatfield-Hollis-Canton	15-35	1	.24	50	300	1.800	18.000	0.277	Yes
141D	Hollis-R.O.-Chatfield	15-60	1	.17	50	300	1.800	35.000	0.392	Yes
295	Greenwood	0-2	***	***	***	***	***	***	***	No
298	Pits sand and gravel	0-3	***	***	***	***	***	***	***	No
299	Udorthents smoothed	0-8	***	***	***	***	***	***	***	No
305	Lim-Pootatuck	0-3	5	.24	100	300	0.000	0.400	1.389	No
313A	Deerfield	0-3	5	.17	100	300	0.000	0.400	1.961	No
313B	Deerfield	3-8	5	.17	100	300	0.287	1.720	1.961	No
314A	Pipestone	0-5	5	.17	100	300	0.000	1.000	1.961	No
343C	Canton	8-15	3	.20	75	500	0.859	5.700	1.000	Maybe
343D	Canton	15-35	3	.20	75	500	2.250	30.000	1.000	Yes
395	Chocorua	0-2	***	***	***	***	***	***	***	No
397	Ipswich	0-1	***	***	***	***	***	***	***	No
446A	Scituate-Newfields	0-3	3	.24	100	300	0.000	0.400	0.833	No
446B	Scituate-Newfields	3-8	3	.24	100	300	0.287	1.720	0.833	Maybe
447A	Scituate-Newfields	0-3	3	.17	50	300	0.000	0.400	1.177	No
447B	Scituate-Newfields	3-8	3	.17	50	300	0.233	1.720	1.177	Maybe
447C	Scituate-Newfields	8-15	3	.17	50	300	0.701	4.500	1.177	Maybe
460B	Pennichuck	3-8	3	.20	75	500	0.264	2.220	1.000	Maybe
460C	Pennichuck	8-15	3	.20	75	500	0.859	5.700	1.000	Maybe
495	Ossipee	0-2	***	***	***	***	***	***	***	No
497	Pawcatuck	0-1	***	***	***	***	***	***	***	No
510A	Hoosic	0-3	3	.17	50	300	0.000	0.400	1.177	No
510B	Hoosic	3-8	3	.17	50	300	0.233	1.720	1.177	Maybe
510C	Hoosic	8-15	3	.17	50	300	0.701	4.500	1.177	Maybe
510D	Hoosic	15-35	3	.17	50	300	1.800	18.000	1.177	Yes
531B	Scio	0-5	3	.49	50	300	0.000	1.000	0.408	Maybe
533	Raynham	0-2	5	.49	100	300	0.000	0.280	0.680	No
538A	Squamscott	0-5	3	.28	100	500	0.000	1.000	0.714	Maybe
546A	Walpole	0-5	3	.20	75	500	0.000	1.000	1.000	No
547A	Walpole	0-3	3	.20	75	300	0.000	0.400	1.000	No
547B	Walpole	3-8	3	.20	75	500	0.264	2.220	1.000	Maybe
597	Westbrook	0-1	***	***	***	***	***	***	***	No
599	Urban land-Hoosic	3-15	3	.17	50	300	0.233	4.500	1.177	Maybe
656A	Ridgebury	0-5	3	.24	100	300	0.000	1.000	0.833	Maybe
657A	Ridgebury	0-3	3	.20	75	300	0.000	0.400	1.000	No
657B	Ridgebury	3-8	3	.20	75	500	0.264	2.220	1.000	Maybe
697	Lithic Sulfihemists	0-1	***	***	***	***	***	***	***	No

Sym	Series	Slope	T	K	SLS*	SLL*	LSL*	LSH*	HELLS*	HEL*
699	Urban land	0-3	***	***	***	***	***	***	***	No
799	Urban land-Canton	3-15	3	.20	75	500	0.264	5.700	1.000	Maybe
997	Ipswich	0-1	***	***	***	***	***	***	***	No

EXPLANATION OF COLUMNS:

SLS = Shortest expected slope length for an individual map unit.
SLL = Longest expected slope length for an individual map unit.
LSL = The lowest LS value expected for an individual map unit.
LSH = The highest LS value expected for an individual map unit.
HELLS = The threshold LS value for highly erodible land (HEL) set by the T, K & R values.
HEL = Whether the map unit is highly erodible land.

HEL soils have an Erodibility Index (EI) >= 8. The EI = RK(LS)/T.
Rainfall factor (R) for Rockingham County = 120.

A 'maybe' in the HEL column means that at some slope and slope length within the ranges given, the LS value for an individual map unit will exceed the HELLS value.

A '***' entry in any column pertains to those map units that have no established K value; thus no meaningful LS values could be generated. These map units are either miscellaneous areas such as gravel pits or wet organic soils such as Muck and Peat. They should not qualify for highly erodible land.