

RUSLE2 Related Attributes

Essex County, Massachusetts, Northern Part

[This report shows only the major soils in each map unit]

Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
1:							
Water	100	---	---	---	---	---	---
6A:							
Scarboro	80	A/D	---	2	---	---	---
9A:							
Birdsall	85	C/D	.43	5	21.2	69.3	9.5
12A:							
Maybid	85	C/D	.32	5	26.0	54.0	20.0
16A:							
Scantic	85	C/D	.32	5	25.0	55.0	20.0
16B:							
Scantic	85	C/D	.32	5	25.0	55.0	20.0
21A:							
Walpole variant	85	C/D	.20	5	63.5	30.5	6.0
30A:							
Raynham	75	C/D	.37	5	21.2	69.3	9.5
31A:							
Walpole	80	B/D	---	4	---	---	---
31B:							
Walpole	85	A/D	.24	3	65.0	31.0	4.0
32A:							
Wareham	85	A/D	.10	5	80.9	17.1	2.0
32B:							
Wareham	85	A/D	.10	5	80.9	17.1	2.0
38A:							
Pipestone	80	A	---	5	---	---	---
40A:							
Swanton	85	C/D	---	4	---	---	---
40B:							
Swanton	85	C/D	---	4	---	---	---
51A:							
Swansea	80	B/D	---	1	---	---	---

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					% Sand	% Silt	% Clay
52A: Freetown	85	B/D	---	2	---	---	---
67A: Leicester	85	A/D	---	5	---	---	---
67B: Leicester	85	A/D	---	5	---	---	---
70A: Ridgebury	85	D	---	2	---	---	---
70B: Ridgebury	85	D	.24	2	69.6	23.9	6.5
72A: Whitman	85	D	.17	3	40.0	35.0	25.0
73A: Whitman, extremely stony	81	D	---	2	---	---	---
96A: Hadley	65	B	.37	5	65.9	27.1	7.0
98A: Winooski	70	B	.32	5	62.7	25.8	11.5
105D: Rock outcrop	65	---	---	---	---	---	---
Hollis	20	D	---	1	---	---	---
225A: Belgrade	80	C	.32	5	64.1	26.4	9.5
225B: Belgrade	80	C	.32	5	64.1	26.4	9.5
225C: Belgrade	85	C	.32	5	64.1	26.4	9.5
228A: Buxton	85	D	.32	5	20.0	55.0	25.0
228B: Buxton	80	D	.32	5	20.0	55.0	25.0

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					% Sand	% Silt	% Clay
228C:							
Buxton	80	D	.32	5	19.0	55.0	26.0
230A:							
Unadilla	80	B	.32	5	63.8	26.2	10.0
230B:							
Unadilla	80	B	.32	5	63.8	26.2	10.0
230C:							
Unadilla	80	B	.32	5	63.8	26.2	10.0
240A:							
Elmwood	85	B	---	4	---	---	---
240B:							
Elmwood	85	B	---	4	---	---	---
253A:							
Hinckley	85	A	---	3	---	---	---
253B:							
Hinckley	85	A	---	3	---	---	---
253C:							
Hinckley	85	A	---	3	---	---	---
253D:							
Hinckley	85	A	---	3	---	---	---
254A:							
Merrimac	85	A	.28	4	60.1	34.5	5.4
254B:							
Merrimac	85	A	.28	4	60.1	34.5	5.4
254C:							
Merrimac	85	A	.28	4	60.1	34.5	5.4
254D:							
Merrimac	80	A	.28	4	60.1	34.5	5.4
255A:							
Windsor, loamy sand	85	A	---	5	---	---	---
255B:							
Windsor, loamy sand	85	A	---	5	---	---	---

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					% Sand	% Silt	% Clay
255C:							
Windsor	85	A	---	5	---	---	---
255D:							
Windsor	90	A	---	5	---	---	---
256A:							
Deerfield	80	A	.17	5	79.0	16.5	4.5
257E:							
Hinckley	50	A	---	3	---	---	---
Windsor	40	A	---	5	---	---	---
258A:							
Amostown	80	C/D	.17	5	70.8	22.2	7.0
258B:							
Amostown	70	C/D	.17	5	70.8	22.2	7.0
259A:							
Carver	85	A	---	5	---	---	---
259B:							
Carver	85	A	---	5	---	---	---
260A:							
Sudbury	80	B	---	3	---	---	---
260B:							
Sudbury	80	B	---	3	---	---	---
275A:							
Agawam	85	B	.37	3	63.0	33.0	4.0
275B:							
Agawam	85	B	.37	3	63.0	33.0	4.0
275C:							
Agawam	85	B	.37	3	63.0	33.0	4.0
276A:							
Ninigret	85	C	.32	3	63.4	32.0	4.6
276B:							
Ninigret	85	C	.32	3	63.4	32.0	4.6

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
300B: Montauk	85	C	.28	3	62.4	32.9	4.7
300C: Montauk	85	C	.28	3	62.0	33.0	5.0
300D: Montauk	85	C	.28	3	62.0	33.0	5.0
301B: Montauk, very stony	85	C	---	3	---	---	---
301C: Montauk, very stony	85	C	---	3	---	---	---
301D: Montauk, very stony	85	C	---	3	---	---	---
302C: Montauk, extremely stony	85	C	---	3	---	---	---
305B: Paxton	80	C	.28	3	61.0	32.0	7.0
305C: Paxton	85	C	.28	3	61.0	32.0	7.0
305D: Paxton	85	C	.28	3	61.0	32.0	7.0
306B: Paxton, very stony	85	C	---	3	---	---	---
306C: Paxton, very stony	85	C	---	3	---	---	---
306D: Paxton, very stony	90	C	---	3	---	---	---
307C: Paxton, extremely stony	85	C	---	3	---	---	---
307D: Paxton, extremely stony	85	C	---	3	---	---	---
307E: Paxton, extremely stony	90	C	---	3	---	---	---

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
310A: Woodbridge	85	C/D	.28	3	61.0	32.0	7.0
310B: Woodbridge, fine sandy loam	82	C/D	.28	3	61.0	32.0	7.0
310C: Woodbridge	85	C/D	.28	3	61.0	32.0	7.0
311B: Woodbridge, very stony	82	C/D	---	3	---	---	---
311C: Woodbridge, very stony	85	C/D	---	3	---	---	---
311D: Woodbridge, very stony	86	C/D	---	3	---	---	---
312B: Woodbridge, extremely stony	82	C/D	---	3	---	---	---
312C: Woodbridge, extremely stony	82	C/D	---	3	---	---	---
315B: Scituate	75	C	.20	3	70.8	22.2	7.0
315C: Scituate	80	C	.20	3	70.8	22.2	7.0
316B: Scituate	75	C	.20	3	70.8	22.2	7.0
316C: Scituate	85	C	.20	3	70.8	22.2	7.0
405B: Charlton	85	B	.24	5	57.0	34.0	9.0
405C: Charlton	85	B	.24	5	57.0	34.0	9.0
405D: Charlton	85	B	.24	5	57.0	34.0	9.0
406B: Charlton, very stony	85	B	---	5	---	---	---

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
406C: Charlton, very stony	85	B	---	5	---	---	---
406D: Charlton	80	A	.24	5	63.9	30.6	5.5
410A: Sutton	85	B	.17	5	71.1	22.4	6.5
410B: Sutton	85	B	.17	5	71.1	22.4	6.5
410C: Sutton	85	B	.17	5	71.1	22.4	6.5
411B: Sutton	80	B	.17	5	71.1	22.4	6.5
411C: Sutton	85	B	.17	5	71.1	22.4	6.5
420A: Canton	80	A	.24	3	64.6	30.9	4.5
420B: Canton	80	B	.24	3	61.2	31.5	7.3
420C: Canton	80	B	.24	3	61.2	31.5	7.3
420D: Canton	85	A	.24	3	64.6	30.9	4.5
421B: Canton, very stony	80	B	---	3	---	---	---
421C: Canton, very stony	85	B	---	3	---	---	---
421D: Canton	85	A	.24	3	64.6	30.9	4.5
422B: Canton, extremely stony	80	B	---	3	---	---	---
422C: Canton, extremely stony	80	B	---	3	---	---	---

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
422D:							
Canton, extremely stony	80	B	---	3	---	---	---
600:							
Pits	100	---	---	---	---	---	---
601:							
Quarries	100	---	---	---	---	---	---
602:							
Urban land	80	---	---	---	---	---	---
607:							
Water, saline	95	---	---	---	---	---	---
610:							
Beaches	100	---	---	---	---	---	---
651:							
Udorthents	80	A	---	5	---	---	---
652:							
Dumps	94	---	---	---	---	---	---
702C:							
Udipsamments	85	A	.05	5	97.9	1.6	0.5
709B:							
Buxton	70	D	.32	5	19.0	55.0	26.0
ROCK OUTCROP	15	---	---	---	---	---	---
709C:							
Buxton	70	D	.32	5	19.0	55.0	26.0
ROCK OUTCROP	15	---	---	---	---	---	---
710E:							
Canton, extremely stony	55	B	---	3	---	---	---
Charlton, extremely stony	30	B	---	5	---	---	---
711B:							
Charlton	60	A	.24	5	63.9	30.6	5.5
ROCK OUTCROP	16	---	---	---	---	---	---
Hollis	15	D	---	1	---	---	---

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
711C:							
Charlton	60	A	.24	5	63.9	30.6	5.5
ROCK OUTCROP	16	---	---	---	---	---	---
Hollis	15	D	---	1	---	---	---
711D:							
Charlton	60	A	.24	5	63.9	30.6	5.5
ROCK OUTCROP	16	---	---	---	---	---	---
Hollis	15	D	---	1	---	---	---
712A:							
Ipswich	55	A/D	---	1	0.0	0.0	0.0
Westbrook	30	B/D	---	1	0.0	0.0	0.0
713A:							
Limerick	60	B/D	.43	5	21.9	71.1	7.0
Rumney	25	A/D	---	3	---	---	---
714B:							
Melrose	80	C	.17	4	70.4	22.1	7.5
715A:							
Ridgebury	50	D	.24	2	69.6	23.9	6.5
Leicester	35	A/D	.17	5	71.1	22.4	6.5
715B:							
Ridgebury	50	D	.24	2	69.6	23.9	6.5
Leicester	35	A/D	.17	5	71.1	22.4	6.5
716C:							
Rock outcrop	50	---	---	---	---	---	---
Buxton	35	C	.28	5	22.4	55.1	22.5
716D:							
Rock outcrop	50	---	---	---	---	---	---
Buxton	35	C	.28	5	22.4	55.1	22.5

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
717C:							
Rock outcrop	40	---	---	---	---	---	---
Charlton	30	A	.24	5	63.9	30.6	5.5
Hollis	15	D	---	1	---	---	---
717E:							
Rock outcrop	40	---	---	---	---	---	---
Charlton	30	A	.24	5	63.9	30.6	5.5
Hollis	15	D	---	1	---	---	---
718A:							
Saco variant	85	B/D	.43	3	21.7	70.8	7.5
719B:							
Suffield	85	C	.37	4	21.2	68.8	10.0
719C:							
Suffield	85	C	.37	4	21.2	68.8	10.0
720A:							
Whately variant	80	C/D	---	4	---	---	---
721C:							
Windsor	60	A	.17	5	85.0	14.0	1.0
Rock outcrop	25	D	---	---	---	---	---
721D:							
Windsor	55	A	.15	5	80.9	17.1	2.0
Rock outcrop	30	---	---	---	---	---	---