

RUSLE2 Related Attributes

Plymouth County, Massachusetts

[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	98	---	---	---	---	---	---
5A: Saco	85	D	---	5	0.0	0.0	0.0
6A: Scarboro, coastal lowland	85	A/D	---	1	---	---	---
7A: Rainberry, sanded surface	85	A/D	.02	5	95.0	5.0	0.0
8A: Limerick	90	B/D	---	5	0.0	0.0	0.0
9A: Birdsall	90	C/D	---	5	0.0	0.0	0.0
11A: Rainberry	85	A/D	---	5	0.0	0.0	0.0
23A: Tihonet	87	A/D	---	5	0.0	0.0	0.0
30A: Raynham	85	C/D	---	5	0.0	0.0	0.0
37A: Massasoit	55	D	---	1	0.0	0.0	0.0
Mashpee	35	A/D	---	5	0.0	0.0	0.0
47A: Brockton	85	C/D	---	3	0.0	0.0	0.0
48A: Brockton, extremely stony	80	C/D	---	3	0.0	0.0	0.0
49A: Norwell, extremely stony	80	D	---	2	0.0	0.0	0.0
49B: Norwell, extremely stony	80	D	---	2	0.0	0.0	0.0
51A: Swansea	80	B/D	---	1	---	---	---

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					% Sand	% Silt	% Clay
52A:							
Freetown	85	B/D	---	2	---	---	---
53A:							
Freetown, ponded	85	B/D	---	2	---	---	---
55A:							
Freetown, sanded surface	85	B/D	.02	1	95.0	3.0	2.0
60A:							
Swansea, sanded surface	86	B/D	.02	1	95.0	3.0	2.0
66A:							
Ipswich	50	A/D	---	1	0.0	0.0	0.0
Pawcatuck	25	A/D	---	1	0.0	0.0	0.0
Matunuck	15	A/D	---	1	0.0	0.0	0.0
69A:							
Mattapoisett, extremely stony	85	D	---	1	0.0	0.0	0.0
69B:							
Mattapoisett, extremely stony	85	D	---	1	0.0	0.0	0.0
70A:							
Ridgebury	85	D	---	2	---	---	---
70B:							
Ridgebury	85	D	---	3	0.0	0.0	0.0
71A:							
Ridgebury, extremely stony	85	D	---	2	---	---	---
71B:							
Ridgebury, extremely stony	80	D	---	2	---	---	---
72A:							
Whitman	85	D	.37	2	50.0	43.0	7.0
73A:							
Whitman, extremely stony	81	D	---	2	---	---	---
98A:							
Winooski	80	C	.43	5	11.8	79.0	9.2
110B:							
Canton	40	A	---	3	0.0	0.0	0.0

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					% Sand	% Silt	% Clay
110B:							
Chatfield	25	B	---	2	0.0	0.0	0.0
Rock outcrop	20	---	---	---	---	---	---
110C:							
Canton	40	A	---	3	0.0	0.0	0.0
Chatfield	25	B	---	2	0.0	0.0	0.0
Rock outcrop	20	---	---	---	---	---	---
110E:							
Canton	40	A	---	3	0.0	0.0	0.0
Chatfield	25	B	---	2	0.0	0.0	0.0
Rock outcrop	20	---	---	---	---	---	---
111C:							
Chatfield	40	B	---	2	0.0	0.0	0.0
Rock outcrop	25	---	---	---	---	---	---
Canton	20	A	---	3	0.0	0.0	0.0
111E:							
Chatfield	40	B	---	2	0.0	0.0	0.0
Rock outcrop	25	---	---	---	---	---	---
Canton	20	A	---	3	0.0	0.0	0.0
200A:							
Squamscott	85	A/D	---	5	0.0	0.0	0.0
221A:							
Eldridge	85	C/D	.28	4	68.7	29.8	1.5
221B:							
Eldridge	85	C/D	.28	4	68.7	29.8	1.5
223A:							
Scio	85	C	.43	5	54.0	44.0	2.0
223B:							
Scio	85	C	.43	5	54.0	44.0	2.0

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
226A: Hinesburg	85	C	.24	5	69.8	30.0	0.2
226B: Hinesburg	85	C	.24	5	69.8	30.0	0.2
226C: Hinesburg	80	C	.24	5	69.8	30.0	0.2
227A: Wapanucket	85	A	.20	5	78.0	15.0	7.0
227B: Wapanucket	85	A	.20	5	78.0	15.0	7.0
227C: Wapanucket	85	A	.20	5	78.0	15.0	7.0
251A: Haven	85	B	---	3	0.0	0.0	0.0
251B: Haven	85	B	---	3	0.0	0.0	0.0
252A: Carver	80	A	---	5	0.0	0.0	0.0
252B: Carver	80	A	---	5	0.0	0.0	0.0
252C: Carver	80	A	---	5	0.0	0.0	0.0
252E: Carver	80	A	---	5	0.0	0.0	0.0
253A: Hinckley	85	A	---	3	---	---	---
253B: Hinckley	85	A	---	3	---	---	---
253C: Hinckley	85	A	---	3	---	---	---
253E: Hinckley	85	A	---	3	---	---	---

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
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
255A: Windsor, loamy sand	85	A	---	5	---	---	---
255B: Windsor, loamy sand	85	A	---	5	---	---	---
255C: Windsor	85	A	---	5	---	---	---
255E: Windsor	90	A	---	5	---	---	---
256A: Deerfield	80	A	---	5	0.0	0.0	0.0
256B: Deerfield	80	A	---	5	0.0	0.0	0.0
259A: Carver	80	A	---	5	0.0	0.0	0.0
259B: Carver	80	A	---	5	0.0	0.0	0.0
259C: Carver	80	A	---	5	0.0	0.0	0.0
260A: Sudbury	80	A/D	---	3	0.0	0.0	0.0
260B: Sudbury	80	A/D	---	3	0.0	0.0	0.0
262A: Quonset	80	A	---	3	0.0	0.0	0.0
262B: Quonset	80	A	---	3	0.0	0.0	0.0

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
262C:							
Quonset	80	A	---	3	0.0	0.0	0.0
262E:							
Quonset	80	A	---	3	0.0	0.0	0.0
266A:							
Warwick	80	A	---	2	0.0	0.0	0.0
266B:							
Warwick	80	A	---	2	0.0	0.0	0.0
276A:							
Ninigret	85	C	.32	3	63.4	32.0	4.6
276B:							
Ninigret	85	C	.32	3	63.4	32.0	4.6
278A:							
Carver	45	A	.05	5	93.0	5.0	2.0
Merrimac	40	A	.28	4	60.1	34.5	5.4
278B:							
Carver	45	A	.05	5	93.0	5.0	2.0
Merrimac	40	A	.28	4	60.1	34.5	5.4
278C:							
Carver	45	A	.05	5	93.0	5.0	2.0
Merrimac	40	A	.28	4	60.1	34.5	5.4
289B:							
Hinckley, bouldery	80	A	---	5	0.0	0.0	0.0
289C:							
Hinckley, bouldery	80	A	---	5	0.0	0.0	0.0
289E:							
Hinckley, bouldery	80	A	---	5	0.0	0.0	0.0
300B:							
Montauk	85	C	.28	3	62.4	32.9	4.7
300C:							
Montauk	85	C	.28	3	62.0	33.0	5.0

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
300E: 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	---	---	---
301E: Montauk, very 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
305E: Paxton	90	C	.28	3	61.0	32.0	7.0
306B: Paxton, very stony	85	C	---	3	---	---	---
306C: Paxton, very stony	85	C	---	3	---	---	---
306E: Paxton, very stony	90	C	---	3	---	---	---
309B: Moshup, very stony	80	C	---	5	0.0	0.0	0.0
309C: Moshup, very stony	80	C	---	5	0.0	0.0	0.0
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
311A: Woodbridge, very stony	86	C/D	---	3	---	---	---

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
311B: Woodbridge, very stony	83	C/D	---	3	---	---	---
311C: Woodbridge, very stony	85	C/D	---	3	---	---	---
315A: Scituate	80	C/D	.24	3	70.0	27.0	3.0
315B: Scituate	80	C/D	.24	3	70.0	27.0	3.0
315C: Scituate	80	C/D	.24	3	70.0	27.0	3.0
316A: Scituate, very stony	80	C/D	.24	3	70.0	27.0	3.0
316B: Scituate, very stony	80	C/D	.24	3	70.0	27.0	3.0
316C: Scituate, very stony	80	C/D	.24	3	70.0	27.0	3.0
320A: Birchwood	80	B/D	---	4	0.0	0.0	0.0
320B: Birchwood	80	B/D	---	4	0.0	0.0	0.0
320C: Birchwood	80	B/D	---	4	0.0	0.0	0.0
321A: Birchwood, very stony	80	B/D	---	4	0.0	0.0	0.0
321B: Birchwood, very stony	80	B/D	---	4	0.0	0.0	0.0
321C: Birchwood, very stony	80	B/D	---	4	0.0	0.0	0.0
322A: Poquonock	85	A	---	3	0.0	0.0	0.0
322B: Poquonock	80	A	---	3	0.0	0.0	0.0

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
322C: Poquonock	85	A	---	3	0.0	0.0	0.0
323B: Poquonock, very stony	80	A	---	3	0.0	0.0	0.0
323C: Poquonock, very stony	80	A	---	3	0.0	0.0	0.0
325B: Newport	80	B/D	.28	3	45.0	45.0	10.0
325C: Newport	80	B/D	.28	3	45.0	45.0	10.0
325E: Newport	80	B/D	.28	3	45.0	45.0	10.0
326B: Newport, very stony	80	B/D	.28	3	45.0	45.0	10.0
326C: Newport, very stony	80	B/D	.28	3	45.0	45.0	10.0
326E: Newport, very stony	80	B/D	.28	3	45.0	45.0	10.0
340A: Broadbrook	80	C	---	3	0.0	0.0	0.0
340B: Broadbrook	80	C	---	3	0.0	0.0	0.0
340C: Broadbrook	80	C	---	3	0.0	0.0	0.0
341B: Broadbrook, very stony	80	C	---	3	0.0	0.0	0.0
341C: Broadbrook, very stony	80	C	---	3	0.0	0.0	0.0
345A: Pittstown	80	D	.28	3	45.7	41.8	12.5
345B: Pittstown	80	D	.28	3	45.7	41.8	12.5

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
346A: Pittstown, very stony	80	D	.28	3	45.7	41.8	12.5
346B: Pittstown, very stony	80	D	.28	3	45.7	41.8	12.5
420A: Canton	80	A	---	3	0.0	0.0	0.0
420B: Canton	80	B	.24	3	61.2	31.5	7.3
420C: Canton	80	B	.24	3	61.2	31.5	7.3
421B: Canton, very stony	80	B	---	3	---	---	---
421C: Canton, very stony	85	B	---	3	---	---	---
421E: Canton, very stony	80	A	---	3	0.0	0.0	0.0
424B: Canton, extremely bouldery	80	A	---	3	0.0	0.0	0.0
424C: Canton, extremely bouldery	80	A	---	3	0.0	0.0	0.0
424E: Canton, extremely bouldery	80	A	---	3	0.0	0.0	0.0
426A: Newfields	80	B	---	4	0.0	0.0	0.0
426B: Newfields	80	B	---	4	0.0	0.0	0.0
427A: Newfields, extremely stony	80	B	---	4	0.0	0.0	0.0
427B: Newfields, extremely stony	80	B	---	4	0.0	0.0	0.0
430A: Barnstable	80	B	---	3	0.0	0.0	0.0

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
430B:							
Barnstable	80	B	---	3	0.0	0.0	0.0
430C:							
Barnstable	80	B	---	3	0.0	0.0	0.0
431B:							
Barnstable, very stony	80	B	---	3	0.0	0.0	0.0
431C:							
Barnstable, very stony	80	B	---	3	0.0	0.0	0.0
433B:							
Barnstable, extremely bouldery	80	B	---	3	0.0	0.0	0.0
433C:							
Barnstable, extremely bouldery	80	B	---	3	0.0	0.0	0.0
435A:							
Plymouth	80	A	---	5	0.0	0.0	0.0
435B:							
Plymouth	80	A	---	5	0.0	0.0	0.0
435C:							
Plymouth	80	A	---	5	0.0	0.0	0.0
435E:							
Plymouth	80	A	---	5	0.0	0.0	0.0
437B:							
Plymouth, bouldery	80	A	---	5	0.0	0.0	0.0
437C:							
Plymouth, bouldery	80	A	---	5	0.0	0.0	0.0
437E:							
Plymouth, bouldery	80	A	---	5	0.0	0.0	0.0
438B:							
Plymouth, extremely bouldery	80	A	---	5	0.0	0.0	0.0
438C:							
Plymouth, extremely bouldery	80	A	---	5	0.0	0.0	0.0

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Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
438E:							
Plymouth, extremely bouldery	80	A	---	5	0.0	0.0	0.0
439B:							
Gloucester	50	A	.24	5	66.0	30.0	4.0
Canton	45	A	---	3	0.0	0.0	0.0
439C:							
Gloucester	50	A	.24	5	66.0	30.0	4.0
Canton	45	A	---	3	0.0	0.0	0.0
439E:							
Gloucester	50	A	.24	5	66.0	30.0	4.0
Canton	45	A	---	3	0.0	0.0	0.0
453B:							
Gloucester, extremely bouldery	50	A	.24	5	66.0	30.0	4.0
Canton, extremely bouldery	45	A	---	3	0.0	0.0	0.0
453C:							
Gloucester, extremely bouldery	50	A	.24	5	66.0	30.0	4.0
Canton, extremely bouldery	45	A	---	3	0.0	0.0	0.0
453E:							
Gloucester, extremely bouldery	50	A	.24	5	66.0	30.0	4.0
Canton, extremely bouldery	45	A	---	3	0.0	0.0	0.0
478B:							
Plymouth, bouldery	60	A	---	5	0.0	0.0	0.0
Poquonock, bouldery	20	A	---	3	0.0	0.0	0.0
478C:							
Plymouth, bouldery	60	A	---	5	0.0	0.0	0.0
Poquonock, bouldery	20	A	---	3	0.0	0.0	0.0
478E:							
Plymouth, bouldery	45	A	---	5	0.0	0.0	0.0

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					% Sand	% Silt	% Clay
478E:							
Poquonock, bouldery	40	A	---	3	0.0	0.0	0.0
480B:							
Plymouth	45	A	---	5	0.0	0.0	0.0
Carver	40	A	---	5	0.0	0.0	0.0
480C:							
Plymouth	45	A	---	5	0.0	0.0	0.0
Carver	40	A	---	5	0.0	0.0	0.0
480E:							
Plymouth	45	A	---	5	0.0	0.0	0.0
Carver	40	A	---	5	0.0	0.0	0.0
481B:							
Plymouth, bouldery	45	A	---	5	0.0	0.0	0.0
Carver, bouldery	40	A	---	5	0.0	0.0	0.0
481C:							
Plymouth, bouldery	45	A	---	5	0.0	0.0	0.0
Carver, bouldery	40	A	---	5	0.0	0.0	0.0
481E:							
Plymouth, bouldery	45	A	---	5	0.0	0.0	0.0
Carver, bouldery	40	A	---	5	0.0	0.0	0.0
483C:							
Barnstable, very bouldery	55	B	---	3	0.0	0.0	0.0
Plymouth, very bouldery	25	A	---	5	0.0	0.0	0.0
483E:							
Barnstable, very bouldery	55	B	---	3	0.0	0.0	0.0
Plymouth, very bouldery	25	A	---	5	0.0	0.0	0.0
486B:							
Barnstable	55	B	---	3	0.0	0.0	0.0
Plymouth	25	A	---	5	0.0	0.0	0.0

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					% Sand	% Silt	% Clay
486C:							
Barnstable	55	B	---	3	0.0	0.0	0.0
Plymouth	25	A	---	5	0.0	0.0	0.0
486E:							
Barnstable	55	B	---	3	0.0	0.0	0.0
Plymouth	25	A	---	5	0.0	0.0	0.0
600:							
Pits, gravel	100	---	---	---	---	---	---
601:							
Pits, quarry	100	---	---	---	---	---	---
602B:							
Urban land	95	---	---	---	---	---	---
603A:							
Urban land, wet substratum	95	---	---	---	---	---	---
605:							
Pits, till	100	---	---	---	---	---	---
606:							
Water, treatment facility	95	---	---	---	---	---	---
607:							
Water, saline	95	---	---	---	---	---	---
608:							
Water, ocean	95	---	---	---	---	---	---
609:							
Beaches, extremely bouldery	90	---	.02	---	98.3	1.6	0.1
610:							
Beaches, sandy	90	---	.02	---	98.3	1.6	0.1
612B:							
Hooksan	80	A	---	5	0.0	0.0	0.0
612C:							
Hooksan	80	A	---	5	0.0	0.0	0.0
612E:							
Hooksan	80	A	---	5	0.0	0.0	0.0

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					% Sand	% Silt	% Clay
613C:							
Dune land	50	---	---	---	---	---	---
Hooksan	40	A	---	5	0.0	0.0	0.0
614A:							
Oxyaquic Udipsamments	80	A	.02	5	99.0	1.0	0.0
619A:							
Deerfield	50	A	---	5	0.0	0.0	0.0
Urban land	35	---	---	---	---	---	---
621B:							
Scio	45	C	.43	5	54.0	44.0	2.0
Urban land	40	---	---	---	---	---	---
622C:							
Urban land	40	D	---	---	---	---	---
Paxton	35	C	.28	3	61.0	32.0	7.0
623B:							
Woodbridge	35	C/D	.28	3	61.0	32.0	7.0
Scituate	30	C/D	.24	3	70.0	27.0	3.0
Urban land	25	D	---	---	---	---	---
626B:							
Merrimac	45	A	.28	4	60.1	34.5	5.4
Urban land	40	D	---	---	---	---	0.0
627C:							
Newport	45	B/D	.28	3	45.0	45.0	10.0
Urban land	40	---	---	---	---	---	---
628B:							
Canton	45	A	---	3	0.0	0.0	0.0
Urban land	40	---	---	---	---	---	---
634B:							
Birchwood	45	B/D	---	4	0.0	0.0	0.0

RUSLE2 Related Attributes

Plymouth County, Massachusetts

Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
634B:							
Urban land	40	---	---	---	---	---	---
635C:							
Canton	35	A	---	3	0.0	0.0	0.0
Rock outcrop	30	---	---	---	---	---	---
Urban land	25	---	---	---	---	---	---
636B:							
Montauk	50	C	.28	3	62.4	32.9	4.7
Urban land	40	D	---	---	---	---	---
637B:							
Carver	45	A	---	5	0.0	0.0	0.0
Urban land	40	---	---	---	---	---	---
639B:							
Urban land	50	---	---	---	---	---	---
Hooksan	35	A	---	5	0.0	0.0	0.0
640B:							
Urban land, till substratum	100	---	---	---	---	---	---
641B:							
Urban land, outwash substratum	100	---	---	---	---	---	---
642B:							
Urban land, glaciolacustrine substratum	100	---	---	---	---	---	---
652E:							
Udorthents, refuse substratum	95	B	.37	2	47.0	45.0	8.0
654B:							
Udorthents, loamy	80	B	.37	5	47.0	45.0	8.0
655A:							
Udorthents, wet substratum	85	B/D	.37	5	47.0	45.0	8.0
656B:							
Udorthents, loamy	45	B	.37	5	47.0	45.0	8.0

RUSLE2 Related Attributes

Plymouth County, Massachusetts

Map symbol and soil name	Pct. of map unit	Hydrologic group	Kf	T factor	Representative value		
					% Sand	% Silt	% Clay
656B:							
Urban land	40	---	---	---	---	---	---
657A:							
Aquepts	80	D	.49	5	65.9	27.1	7.0
658A:							
Endoaquents, sanded surface	80	B/D	.05	5	91.9	6.6	1.5
659B:							
Udorthents, gravelly	80	B	.37	5	47.0	45.0	8.0
660C:							
Udorthents, gravelly	80	B	.37	5	47.0	45.0	8.0
665B:							
Udipsamments	80	A	.24	5	81.3	17.2	1.5
666A:							
Ipswich, freshened	45	A/D	---	1	---	---	---
Pawcatuck, freshened	25	A/D	---	1	---	---	---
Matunuck, freshened	20	A/D	---	1	---	---	---
700A:							
Udipsamments, wet substratum	80	A/D	.32	5	81.9	17.1	1.0
701A:							
Rainberry, sanded surface, inactive	85	A/D	.02	5	95.0	5.0	0.0
702C:							
Udipsamments	80	A	.24	5	81.3	17.2	1.5
703:							
Beaches, gravel	90	---	.02	---	93.4	6.5	0.1
704A:							
Freetown, sanded surface, inactive	45	B/D	.02	1	95.0	3.0	2.0
Swansea, sanded surface, inactive	45	B/D	.02	1	95.0	3.0	2.0
708A:							
Beaches, tidal flats	90	---	---	---	---	---	---