

Sea Level Rise Scenarios Affecting Roads

Town of Little Compton

Map Created: 8/11/2016

Map Legend

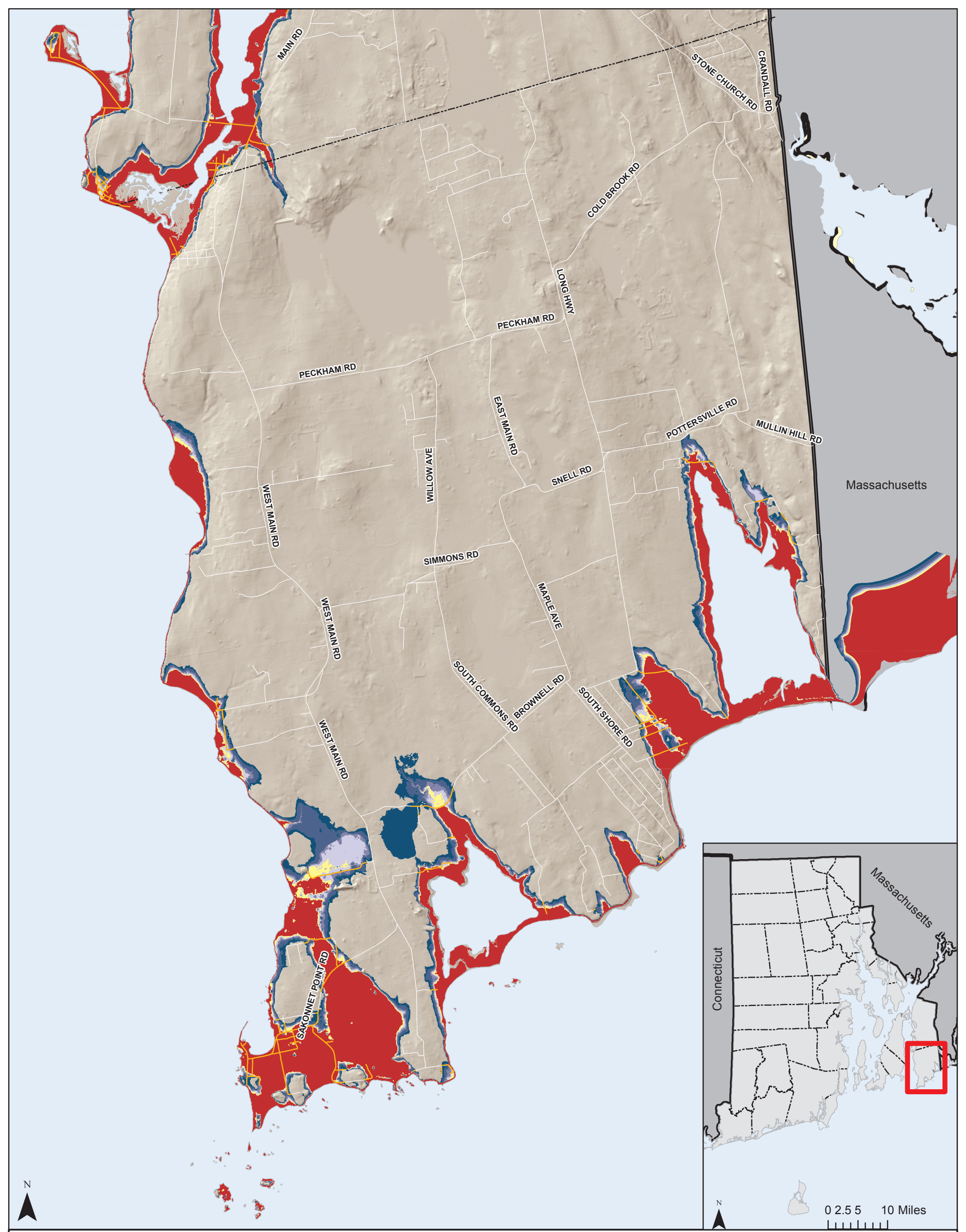
NOTES:
 The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.
 Includes Hillshade from USGS 2011 LiDAR

- Current Mean Higher High Water
- 1Ft Sea Level Rise
- 3Ft Sea Level Rise
- 5Ft Sea Level Rise
- 7Ft Sea Level Rise
- City and Town Boundaries
- Potentially Affected Roads
- Roads

0 0.25 0.5 1 Miles

Map Disclaimer: This map is not the product of a Professional Land Survey. It was created by RI Statewide Planning Program for general reference, informational, planning and guidance use, and is not a legally authoritative source as to location of natural or manmade features. Proper interpretation of this map may require the assistance of appropriate professional services. RI Statewide Planning Program makes no warranty, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

Relative Road Vulnerability to Sea Level Rise													
Little Compton			Linear Feet of Road Inundated At:										
Muni Rank	State Rank	Road Name	1 Foot of SLR	3 Feet of SLR	5 Feet of SLR	7 Feet of SLR	Total Linear Feet	Hazard Score	Evacuation Route	Intermodal Facility	Functional Classification	System Score	Vulnerability Score
1	67	SAKONNET POINT RD		315	1,139	165	1,619	3.30	Yes	No	Major Coll.	2.20	5.50
2	79	ROUND POND RD		1,517	457	283	2,257	3.85	Yes	No	Local	1.39	5.24
3	185	WASHINGTON RD		601	224	327	1,151	2.54	Yes	No	Local	1.60	4.14
4	337	OLIVER LN		376	114	76	566	2.83	No	No	Local	0.60	3.43
5	340	MARYLAND RD		303	79	82	464	2.81	No	No	Local	0.60	3.41
6	386	PENNSYLVANIA RD		519	409	20	948	2.60	No	No	Local	0.60	3.20
7	415	JOHN SISSON RD			341	241	582	1.50	Yes	No	Local	1.60	3.10
8	416	SHAW RD				57	57	1.50	Yes	No	Local	1.60	3.10
9	417	SOUTH SHORE RD			6	92	98	1.50	Yes	No	Minor Coll.	1.60	3.10
10	747	BLUFF HEAD AVE			82	146	228	1.50	No	No	Local	0.60	2.10
11	748	CALIFORNIA RD		77	228	217	521	1.50	No	No	Local	0.60	2.10
12	749	CONNECTICUT RD			18	161	179	1.50	No	No	Local	0.60	2.10
13	750	KANSAS RD			56	33	89	1.50	No	No	Local	0.60	2.10
14	751	OREGON RD		21	66	53	140	1.50	No	No	Local	0.60	2.10
15	752	POINT ST				58	58	1.50	No	No	Local	0.60	2.10
16	753	RHODE ISLAND RD			73	168	241	1.50	No	No	Local	0.60	2.10
17	754	SHORE RD			70	304	374	1.50	No	No	Local	0.60	2.10
18	755	TOWN WAY				88	88	1.50	No	No	Local	0.60	2.10
		TOTAL LINEAR FEET	0	3,727	3,363	2,572	9,662						



100 Year Storm Surge Event Plus Sea Level Rise Scenarios Affecting Roads

Town of Little Compton

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NOTES:
 The Sea Level Rise (SLR) Inundation modified bathtub model does not take into consideration future erosion or storm surge.

Includes Hillshade from USGS 2011 LiDAR

- Current Ponds & Mean Higher High Water
- 100-Year Storm Event
- 100-Year Plus 1 ft. of SLR
- 100-Year Plus 2 ft. of SLR
- 100-Year Plus 3 ft. of SLR
- 100-Year Plus 5 ft. of SLR
- 100-Year Plus 7 ft. of SLR
- City and Town Boundaries
- Potentially Affected Roads
- Roads

0 0.25 0.5 1 Miles

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Relative Road Vulnerability to 100-Year Storm Surge Event Plus Sea Level Rise														
Little Compton			Linear Feet Inundated During 100 Year Surge Event Plus:											
Muni. Rank	State Rank	NAME	No SLR	1 Foot of SLR	3 Feet of SLR	5 Feet of SLR	7 Feet of SLR	Total Linear Feet	Haz. Score	Evac. Route	Intermodal Facility	Functional Classification	Sys. Score	Vulnerability Score
1	123	SAKONNET POINT RD	3,439	467	302	309	571	5,088	4.31	Yes	No	Major Coll.	2.20	6.51
2	196	SOUTH SHORE RD	760	154	353	63	42	1,373	4.35	Yes	No	Minor Coll.	1.60	5.95
3	223	ROUND POND RD	3,142	86	123	85	99	3,535	4.66	Yes	No	Local	1.14	5.80
4	504	BLUFF HEAD AVE	616					616	5.00	No	No	Local	0.60	5.60
5	505	CALIFORNIA RD	921					921	5.00	No	No	Local	0.60	5.60
6	506	NEVADA RD	320					320	5.00	No	No	Local	0.60	5.60
7	507	OREGON RD	263					263	5.00	No	No	Local	0.60	5.60
8	508	PENNSYLVANIA RD	948					948	5.00	No	No	Local	0.60	5.60
9	509	POINT ST	161					161	5.00	No	No	Local	0.60	5.60
10	510	SHORE RD	379					379	5.00	No	No	Local	0.60	5.60
11	1,031	WASHINGTON RD	1,587	81	222	216	44	2,149	4.16	Yes	No	Local	1.41	5.57
12	1,040	CONNECTICUT RD	653	9				662	4.95	No	No	Local	0.60	5.55
13	1,136	MINNESOTA RD	280	45				324	4.79	No	No	Local	0.60	5.39
14	1,139	MARYLAND RD	575	23	27			626	4.79	No	No	Local	0.60	5.39
15	1,225	OLIVER LN	639	13	23	20	18	714	4.63	No	No	Local	0.60	5.23
16	1,283	JOHN SISSON RD	849	69	124	212	272	1,526	3.54	Yes	No	Local	1.60	5.14
17	1,339	FRANCIS LN	402	154	0		111	668	4.42	No	No	Local	0.60	5.02
18	1,366	SHAW RD	218	55	71	63	60	465	3.37	Yes	No	Local	1.60	4.97
19	1,399	BAILEYS LEDGE RD	732	128	215	327	383	1,785	3.32	Yes	No	Local	1.60	4.92
20	1,471	QUOQUONSET LN	698	104	452	23	30	1,306	4.23	No	No	Local	0.60	4.83
21	1,499	TUNIPER LN N	489	195	157	67	77	985	4.19	No	No	Local	0.60	4.79
22	1,640	TUNIPER LN S	463	118	249	155	38	1,023	3.97	No	No	Local	0.60	4.57
23	1,667	TOWN WAY	227	17	30	33	37	343	3.91	No	No	Local	0.60	4.51
24	1,698	MILTON RD	138	244	140	69	60	651	3.88	No	No	Local	0.60	4.48
25	1,895	RESERVATION RD	31	419	746	978	183	2,358	3.55	No	No	Local	0.60	4.15
26	1,976	OHIO RD	29	103	478	88		697	3.47	No	No	Local	0.60	4.07
27	1,993	ATLANTIC DR			364	192	149	705	2.53	Yes	No	Local	1.51	4.05
28	2,053	RHODE ISLAND RD	454	39	85	247	79	905	3.34	No	No	Local	0.60	3.94
29	2,095	TAYLORS RD N	129	106	180	48		463	3.27	No	No	Local	0.60	3.87
30	2,168	QUICKSAND POND RD	118	59	60	47	38	323	3.14	No	No	Local	0.60	3.74
31	2,183	ROCKBRIDGE DR	207	149	189	102	314	961	3.10	No	No	Local	0.60	3.70
32	2,204	CAREY LN	71	15	20	23	30	159	3.05	No	No	Local	0.60	3.65
33	2,249	POND VIEW DR	404	148	261	437	447	1,697	2.95	No	No	Local	0.60	3.55
34	2,260	KANSAS RD	132	16	23	50	132	353	2.90	No	No	Local	0.60	3.50
35	2,372	BEACH ST	70	23	46	56	59	255	2.65	No	No	Local	0.60	3.25
36	2,398	SWAMP RD		348	400	285	818	1,851	2.59	No	No	Local	0.60	3.19
37	2,419	WHISTLER POINT RD			387	233	142	763	2.52	No	No	Local	0.60	3.12
38	2,429	QUAKER HILL FARM RD					70	70	1.50	Yes	No	Local	1.60	3.10
39	2,493	DONOVAN WAY	49	11	22	17	20	121	2.32	No	No	Local	0.60	2.92
40	2,505	PLEASANT VIEW DR			212	234	97	542	2.28	No	No	Local	0.60	2.88
41	2,507	TAYLORS LN S			478	234	526	1,237	2.27	No	No	Local	0.60	2.87
42	2,584	MONTANA RD		97	91	57	81	326	2.10	No	No	Local	0.60	2.70
43	2,647	MEADOW LN	10	66	74	42	96	288	1.96	No	No	Local	0.60	2.56
44	2,677	ROCKBRIDGE RD		16	150	94	494	754	1.89	No	No	Local	0.60	2.49
45	2,692	BEACH DR			102	154	349	606	1.84	No	No	Local	0.60	2.44
46	2,743	OLD BULL LN			87	114	83	284	1.50	No	No	Local	0.60	2.10
47	2,900	GOODRICH LN			37	63	128	228	1.50	No	No	Local	0.60	2.10
48	2,901	KEMPTON PL					211	211	1.50	No	No	Local	0.60	2.10
49	2,902	LITTLE POND COVE RD					20	20	1.50	No	No	Local	0.60	2.10
50	2,903	TAYLORS LN		8	87	77	83	255	1.50	No	No	Local	0.60	2.10
		Total Linear Feet	20,602	3,578	6,981	5,438	6,406	43,005						