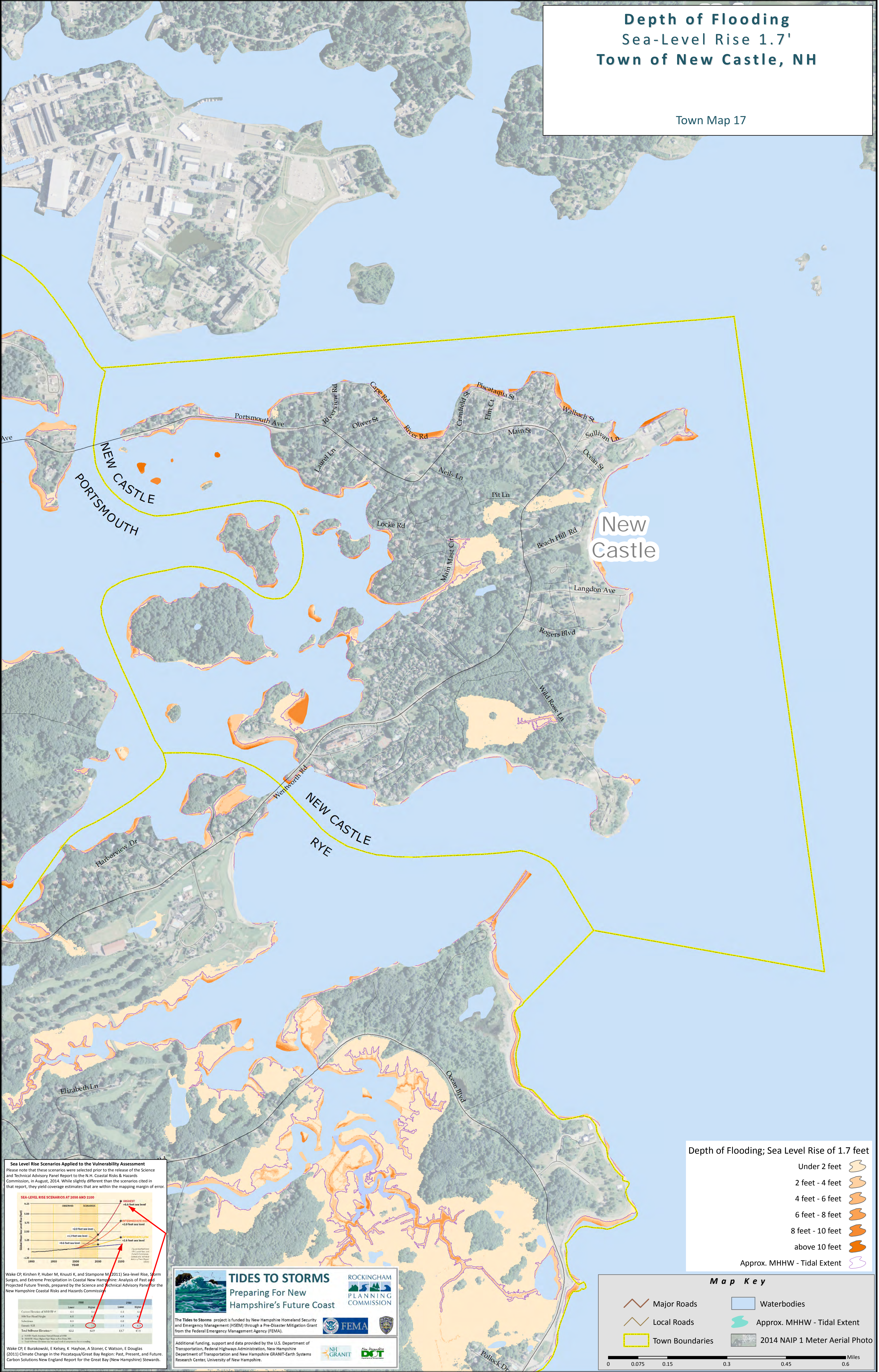
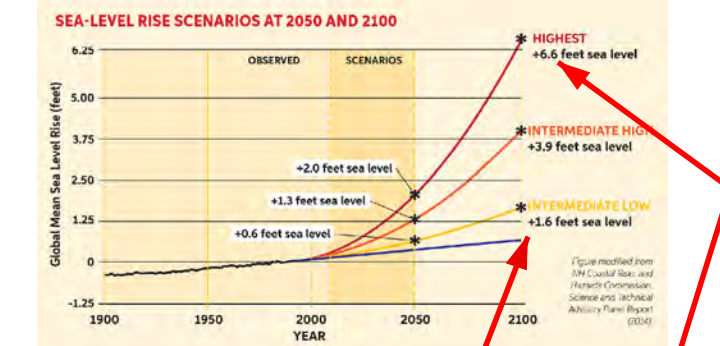


Depth of Flooding
Sea-Level Rise 1.7'
Town of New Castle, NH

Town Map 17



Sea Level Rise Scenarios Applied to the Vulnerability Assessment
Please note that these scenarios were selected prior to the release of the Science and Technical Advisory Panel Report to the N.H. Coastal Risks & Hazards Commission, in August, 2014. While slightly different than the scenarios cited in that report, they yield coverage estimates that are within the mapping margin of error.



Wake CP, Kirshen P, Huber M, Knuuti K, and Stompono M (2011) Sea-level Rise, Storm Surges, and Extreme Precipitation in Coastal New Hampshire: Analysis of Past and Projected Future Trends, prepared by the Science and Technical Advisory Panel for the New Hampshire Coastal Risks and Hazards Commission.

	1980		2050	
	Low	High	Low	High
Current Elevation of MHHW ¹	4.5	4.5	4.5	4.5
1993-2000 Flood Height	4.8	4.8	4.8	4.8
Subsidence	0.3	0.3	0.3	0.3
Static SLR	1.0	1.0	2.5	2.5
Total Sea Level Rise ²	12.2	12.7	13.7	17.5

Wake CP, E Burakowski, E Kelsey, K Hayhoe, A Stoner, C Watson, E Douglas (2011) Climate Change in the Piscataqua/Great Bay Region: Past, Present, and Future. Carbon Solutions New England Report for the Great Bay (New Hampshire) Stewards.



TIDES TO STORMS

Preparing For New Hampshire's Future Coast



ROCKINGHAM
PLANNING
COMMISSION



FEDERAL
EMERGENCY
MANAGEMENT
AGENCY



NH
GRANIT



DOT
DEPARTMENT OF
TRANSPORTATION

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Depth of Flooding; Sea Level Rise of 1.7 feet

- Under 2 feet
- 2 feet - 4 feet
- 4 feet - 6 feet
- 6 feet - 8 feet
- 8 feet - 10 feet
- above 10 feet

Approx. MHHW - Tidal Extent

Map Key

- Major Roads
- Local Roads
- Town Boundaries
- Waterbodies
- Approx. MHHW - Tidal Extent
- 2014 NAIP 1 Meter Aerial Photo

