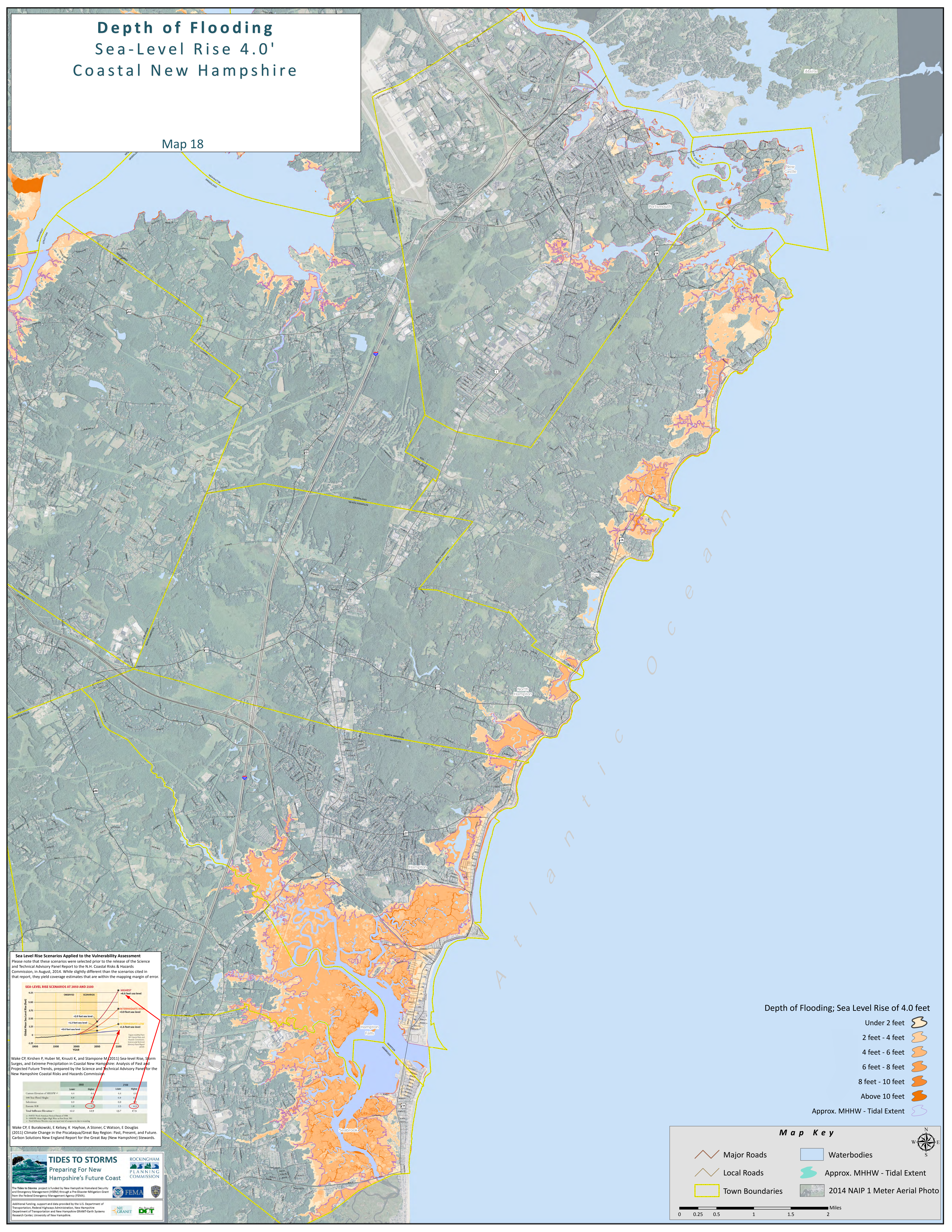
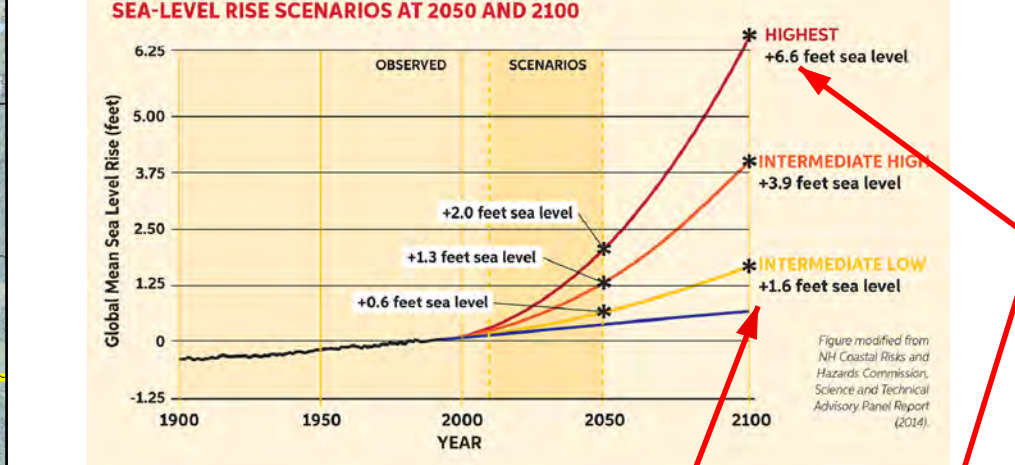


Depth of Flooding Sea-Level Rise 4.0' Coastal New Hampshire

Map 18



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, Knutti K, and Stamone 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

	2050	2100
	Lower	Higher
Current Elevation of MHHW ¹	6.4	6.4
100-Year Flood High	6.9	6.9
Subsidence	0.0	0.0
Relative SLR	1.0	3.1
Total Seafloor Elevation ²	13.2	13.7
	13.7	17.4

Wake CP, E Burakowski, E Kelsey, K Hayhoe, A Stoner, C Watson, E Douglas (2013) 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
FEMA
NH GRANIT
DOT

The Tides to Storms project is funded by New Hampshire Homeland Security and Emergency Management (NHSEM) through a Pre-Disaster Mitigation Grant from the Federal Emergency Management Agency (FEMA).

Additional funding, support and data provided by the U.S. Department of Transportation, Federal Highway Administration, New Hampshire Department of Transportation and New Hampshire GRANIT/Earth Systems Research Center, University of New Hampshire.

Depth of Flooding; Sea Level Rise of 4.0 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

0 0.25 0.5 1 1.5 2 Miles