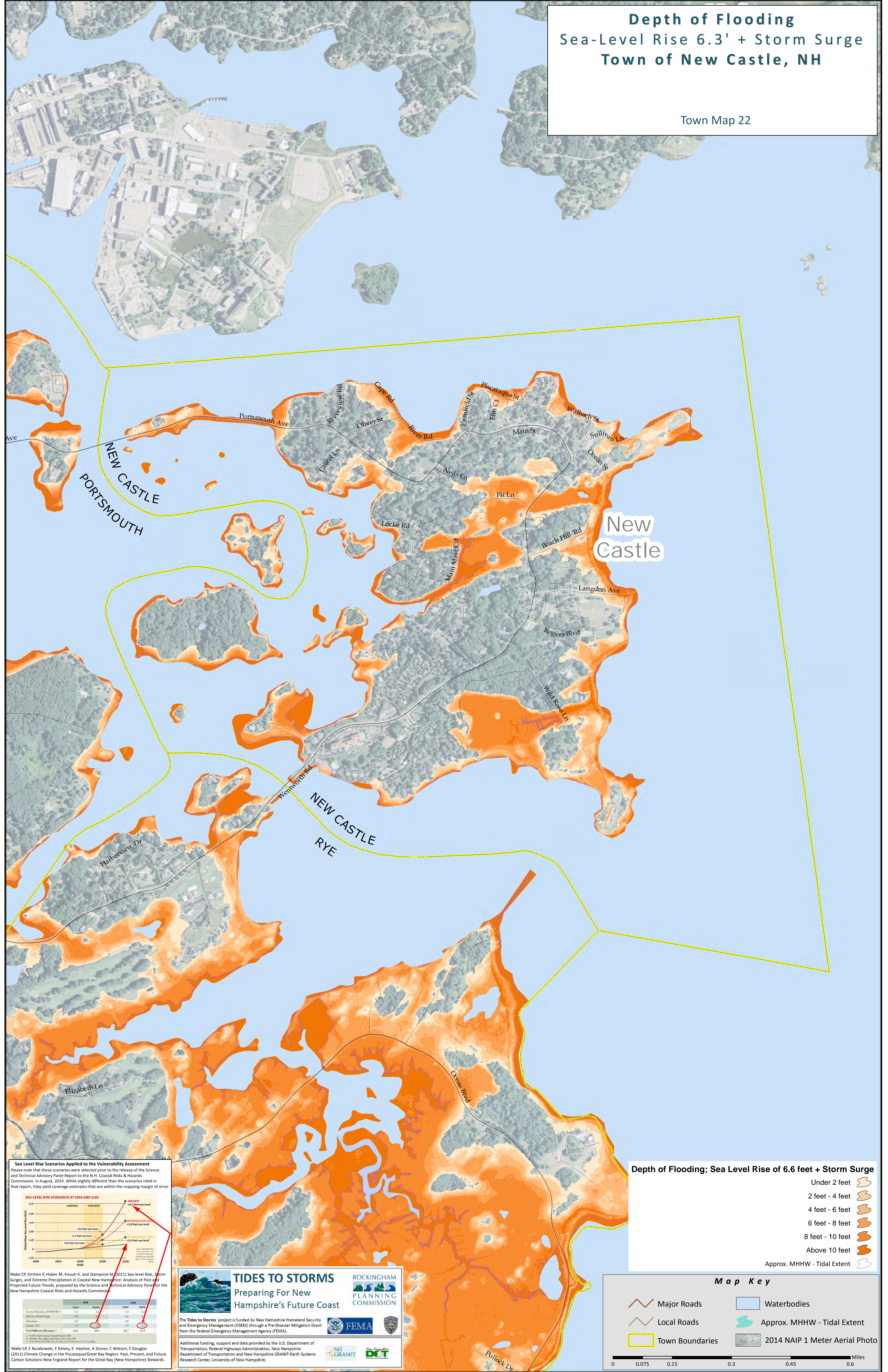
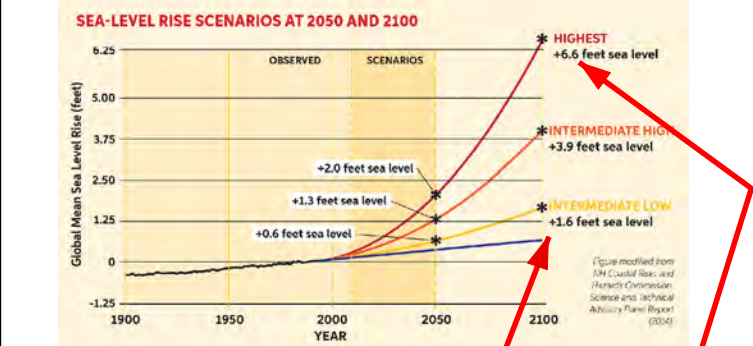


Depth of Flooding
Sea-Level Rise 6.3' + Storm Surge
Town of New Castle, NH

Town Map 22



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 Stampone 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.

	1990		2050		2100	
	Lower	Higher	Lower	Higher	Lower	Higher
Current Elevation of MHTW ¹	4.5	4.5	4.5	4.5	4.5	4.5
1993 Sea Level Height	4.6	4.6	4.6	4.6	4.6	4.6
Sea Level Rise	0.0	0.0	0.0	0.0	0.0	0.0
Static SLR	1.0	1.0	2.5	2.5	5.0	5.0
Tidal Surge Elevation ²	12.2	12.7	13.7	17.5	17.5	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

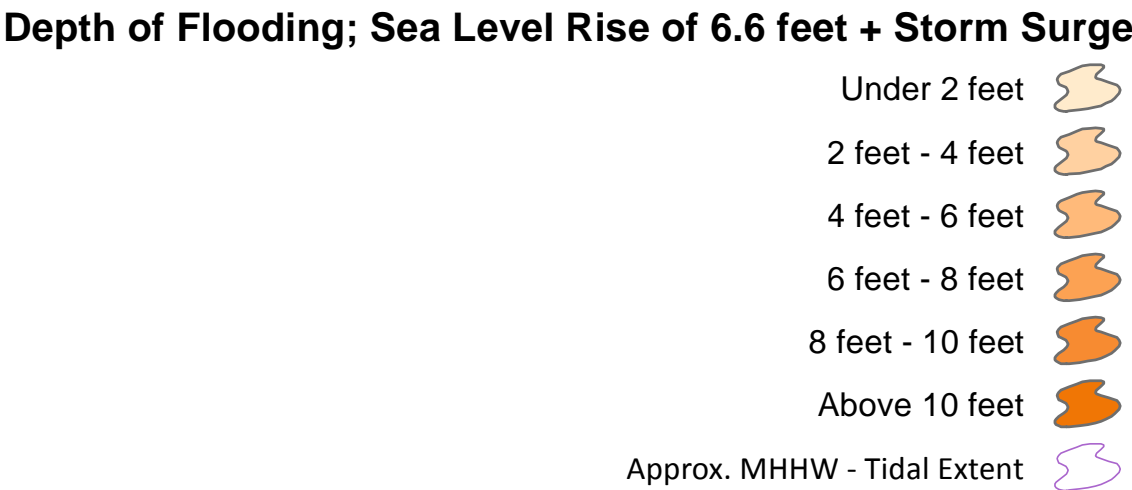
FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

NH GRANIT

DOT

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Major Roads

Local Roads

Town Boundaries

Waterbodies

Approx. MHHW - Tidal Extent

2014 NAIP 1 Meter Aerial Photo

0 0.075 0.15 0.3 0.45 0.6 Miles