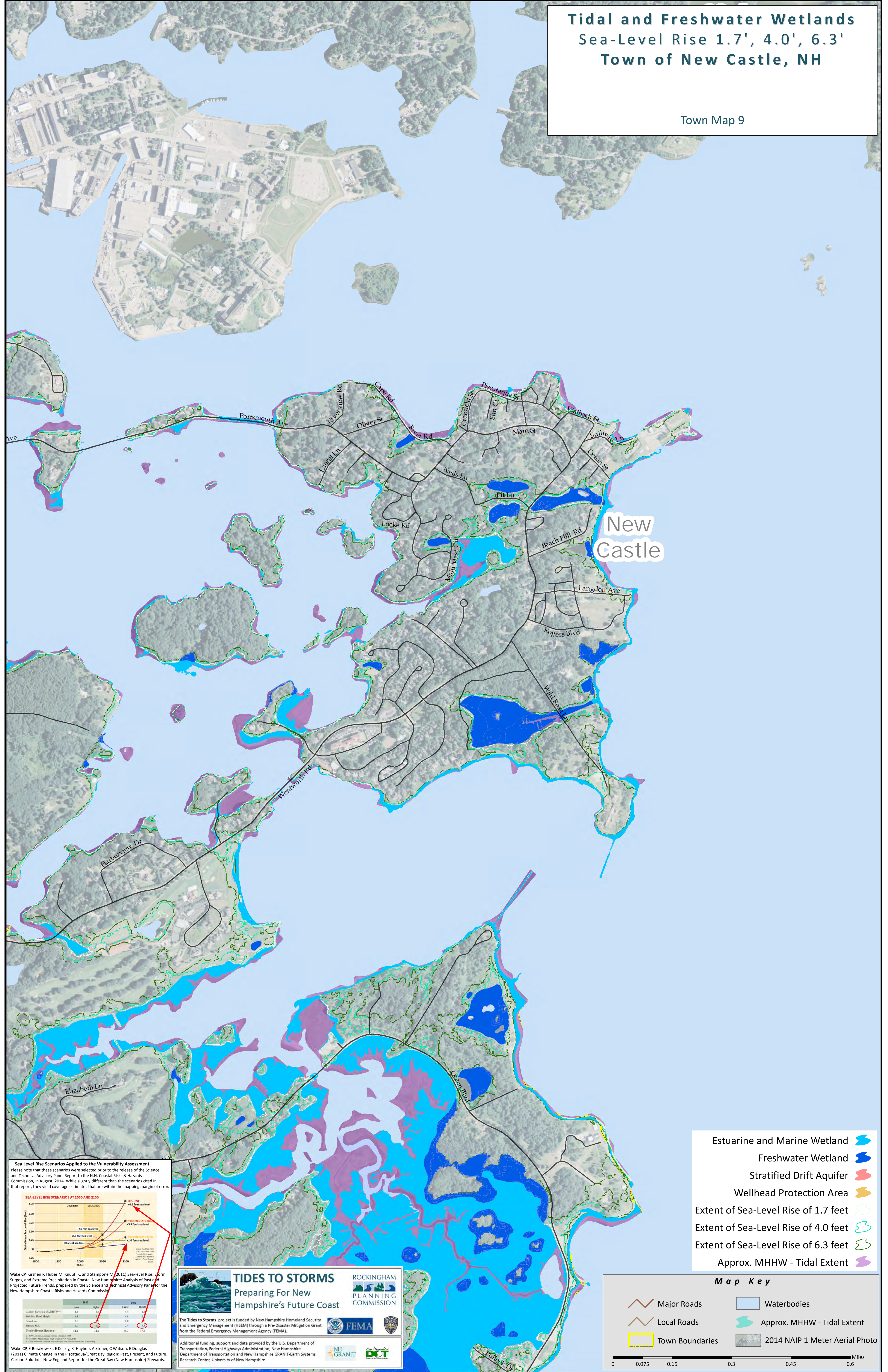
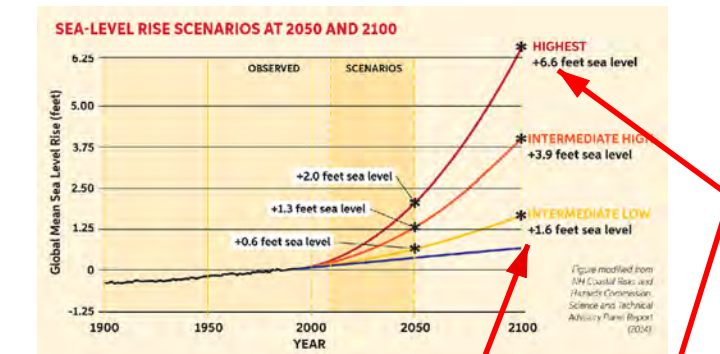


Tidal and Freshwater Wetlands  
Sea-Level Rise 1.7', 4.0', 6.3'  
Town of New Castle, NH

Town Map 9



**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.

	1985	2050	2100
Current Elevation of MHHW	4.5	4.5	4.5
1985 Sea Level Rise	0.0	0.0	0.0
Sea Level Rise	0.0	0.5	1.0
Sea Level Rise	0.0	1.0	2.0
Sea Level Rise	0.0	1.5	3.0
Sea Level Rise	0.0	2.0	4.0

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)

NEW HAMPSHIRE GRANIT

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION

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- Estuarine and Marine Wetland
- Freshwater Wetland
- Stratified Drift Aquifer
- Wellhead Protection Area
- Extent of Sea-Level Rise of 1.7 feet
- Extent of Sea-Level Rise of 4.0 feet
- Extent of Sea-Level Rise of 6.3 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 0.075 0.15 0.3 0.45 0.6 Miles