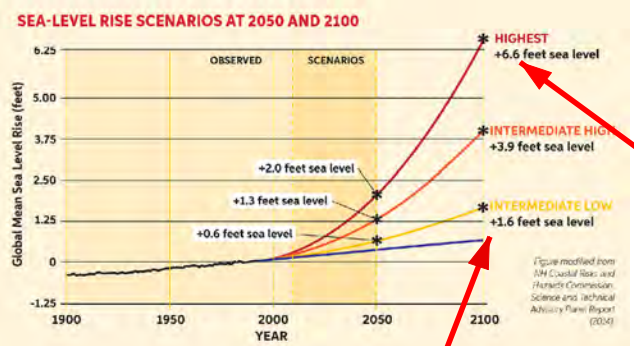


Tidal and Freshwater Wetlands  
Sea-Level Rise 1.7', 4.0', 6.3' +  
Storm Surge  
Town of New Castle, NH

Town Map 10

New  
Castle

**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.



	1990		2050		2100	
	Lowest	Highest	Lowest	Highest	Lowest	Highest
Current Elevation of MHTW <sup>1</sup>	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
Subsidence	0.0	0.0	0.0	0.0	0.0	0.0
Static SLR	1.0	1.0	2.5	2.5	4.0	4.0
Tidal Surge Elevation <sup>2</sup>	12.2	12.2	13.7	13.7	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



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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 with Storm Surge
- Extent of Sea-Level Rise of 4.0 feet with Storm Surge
- Extent of Sea-Level Rise of 6.3 feet with Storm Surge
- Approx. MHHW - Tidal Extent

**Map Key**

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

