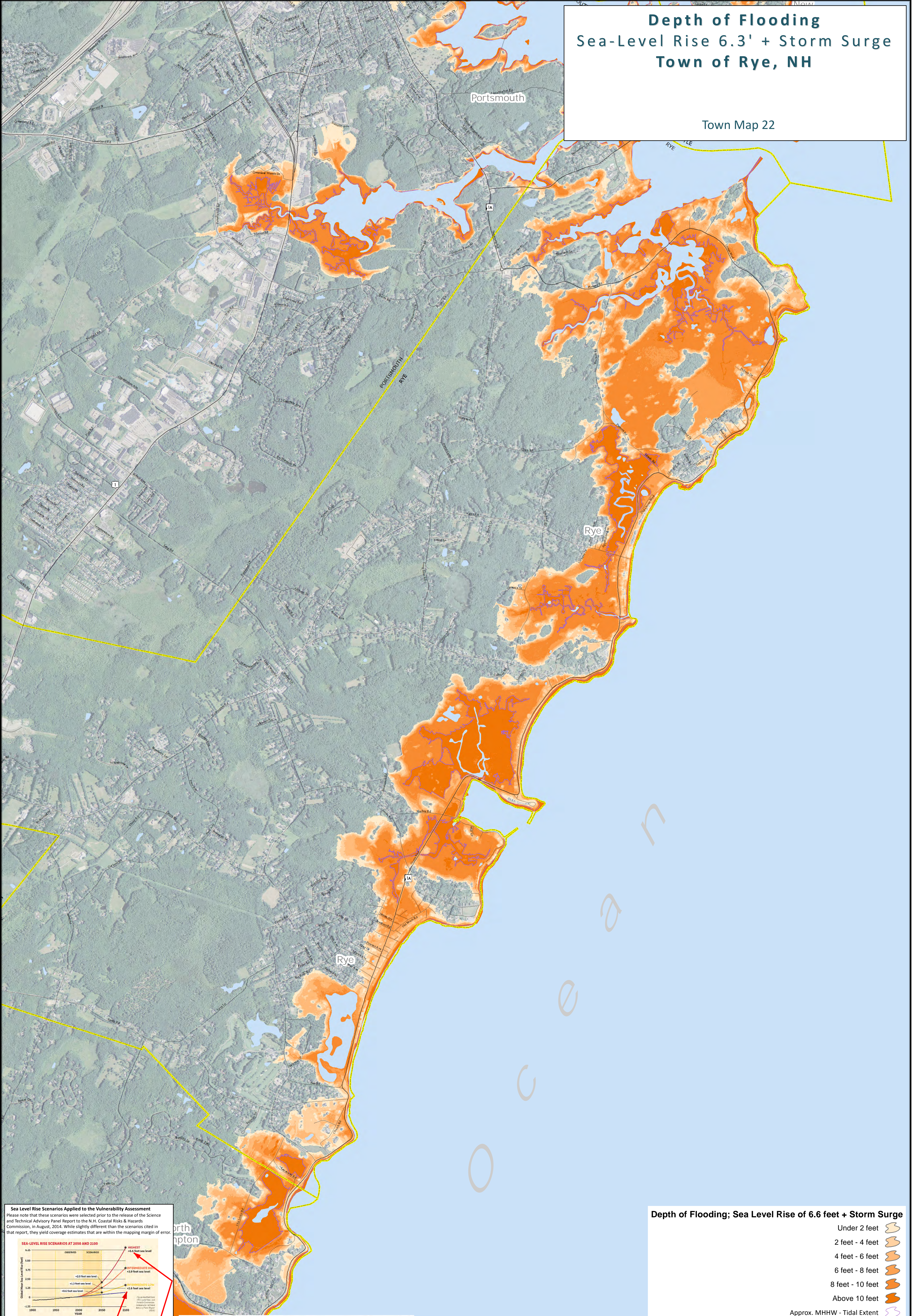
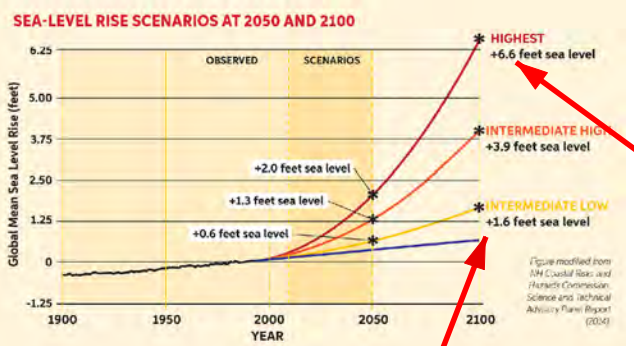


Depth of Flooding  
Sea-Level Rise 6.3' + Storm Surge  
Town of Rye, NH

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		2100	
	Lowest	Highest	Lowest	Highest
Current Elevation of MHHW <sup>1</sup>	4.5	4.5	4.5	4.5
1993 Sea Flood Height	6.8	6.8	6.8	6.8
Sea Level Rise	0.0	0.0	0.0	0.0
Static SLR	1.0	1.0	2.5	2.5
Total Sea Level Rise	1.2	1.2	3.7	3.7

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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Depth of Flooding; Sea Level Rise of 6.6 feet + Storm Surge

- 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

