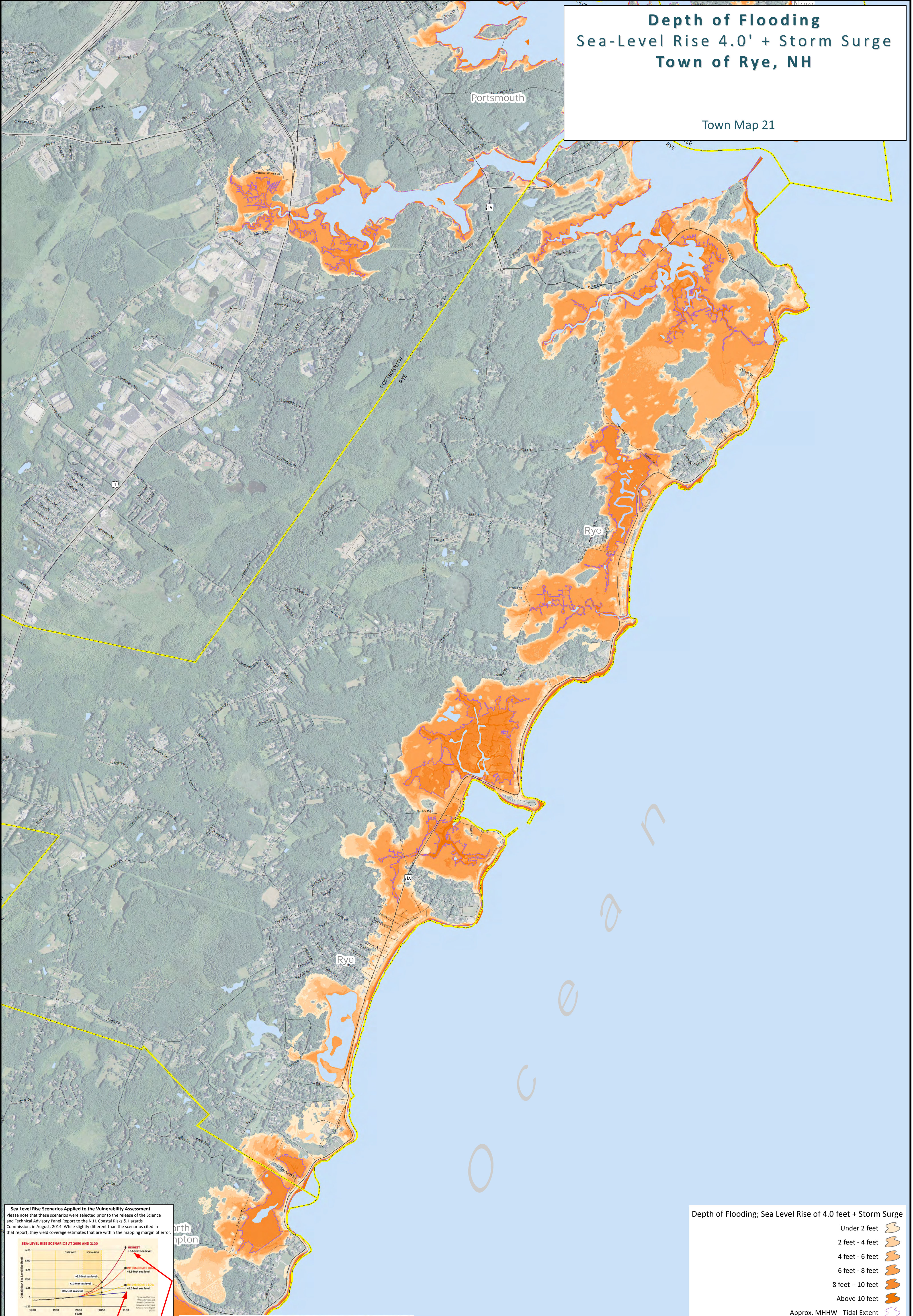
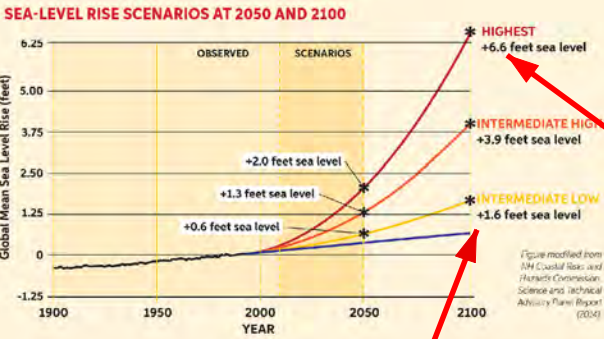


Depth of Flooding
Sea-Level Rise 4.0' + Storm Surge
Town of Rye, NH

Town Map 21



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
Current Elevation of MHHW ^{1,2}	4.5	4.5	4.5
1993-2004 Flood Height	6.8	6.8	6.8
Sea-level Rise	0.0	0.0	0.0
Static SLR	1.0	2.5	3.5
Tidal Surge Elevation ^{3,4}	12.2	12.7	13.7

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 4.0 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

