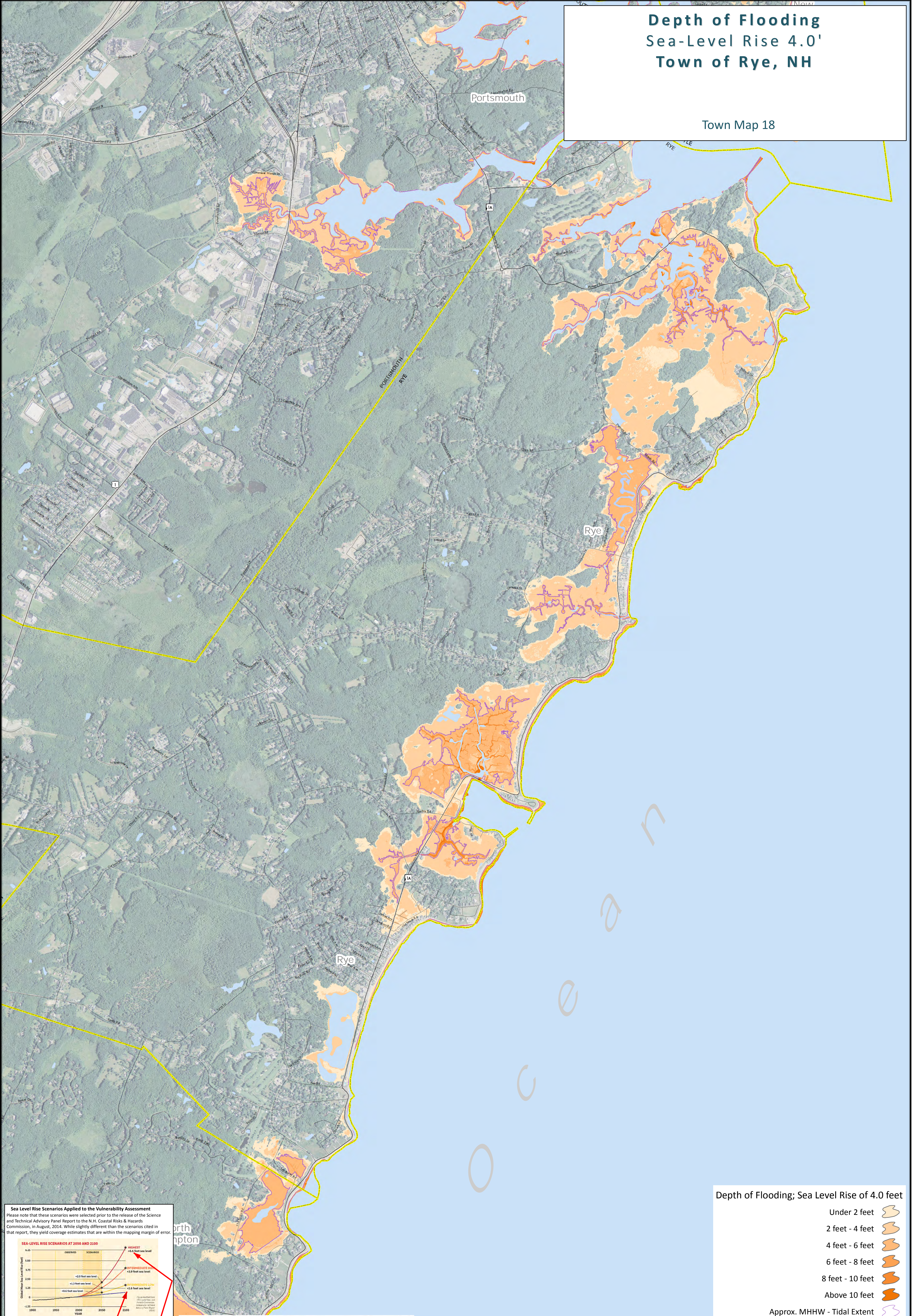
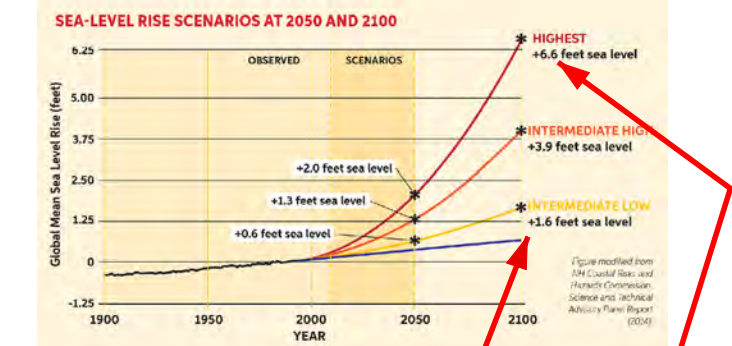


Depth of Flooding
Sea-Level Rise 4.0'
Town of Rye, NH

Town Map 18



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	
	Low	High	Low	High	Low	High
Current Elevation of MHTW ^{1,2}	4.5	4.5	4.5	4.5	4.5	4.5
1990 Sea Flood Height	6.8	6.8	6.8	6.8	6.8	6.8
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	3.7	3.7
Total Sea Level Rise	1.0	1.0	3.5	3.5	4.2	4.2

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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Depth of Flooding; Sea Level Rise of 4.0 feet


- 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



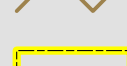
Major Roads



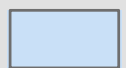
Local Roads




Town Boundaries




Waterbodies



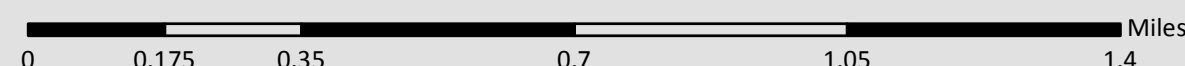
Approx. MHHW - Tidal Extent



2014 NAIP 1 Meter Aerial Photo



Map Key



0 0.175 0.35 0.7 1.05 1.4 Miles