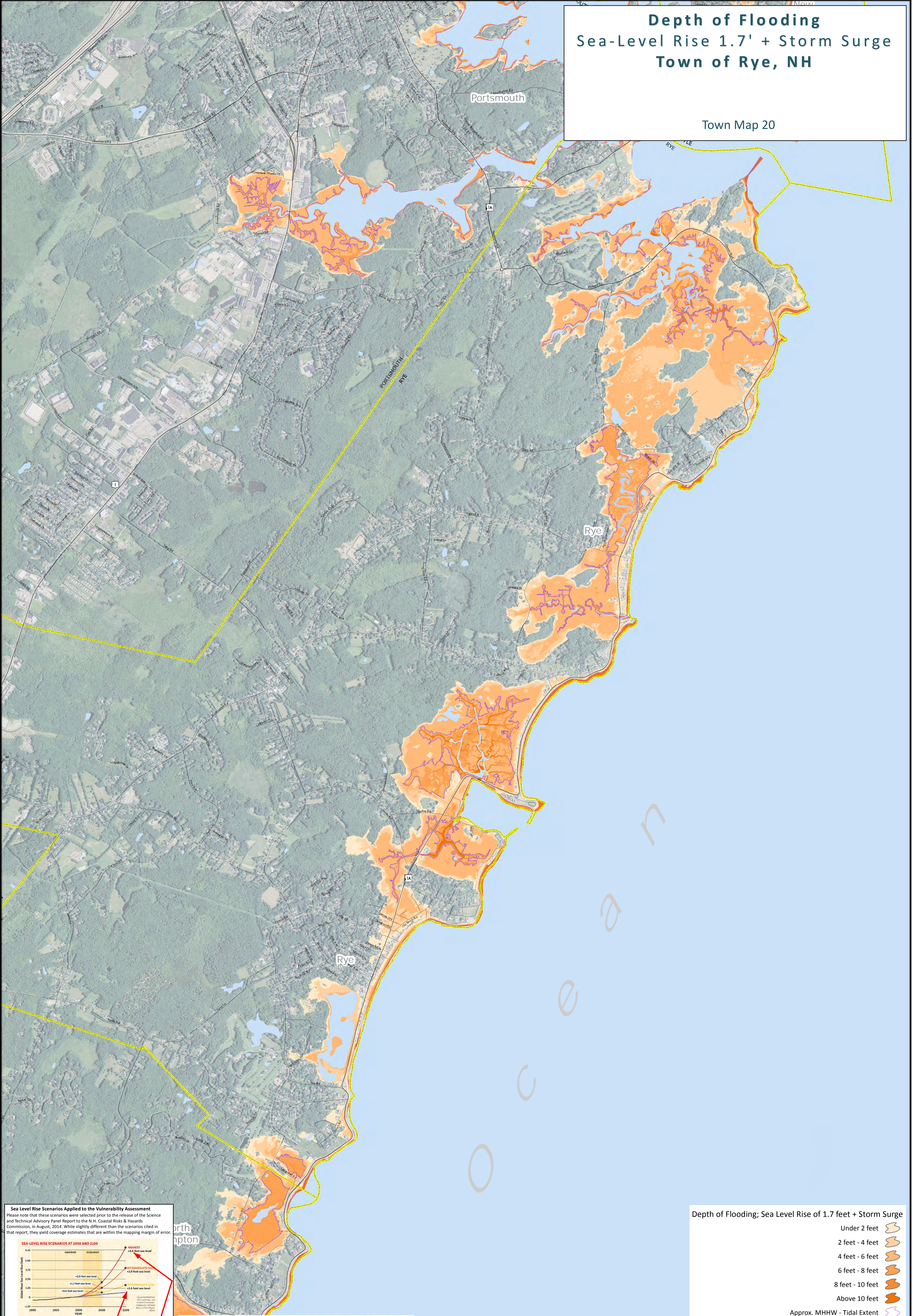
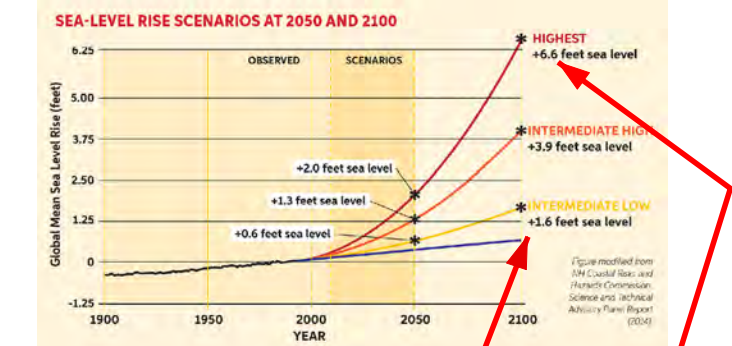


Depth of Flooding
Sea-Level Rise 1.7' + Storm Surge
Town of Rye, NH

Town Map 20



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	4.5	4.5	4.5
1990 Sea Flood Height	6.6	6.6	6.6
Intermediate	6.6	6.6	6.6
FEMA Coastal L1700	10.0	10.0	10.0
FEMA Coastal L1700	12.2	12.2	12.2

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

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ROCKINGHAM PLANNING COMMISSION

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAMPSHIRE GRANIT

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION

Depth of Flooding; Sea Level Rise of 1.7 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

0 0.175 0.35 0.7 1.05 1.4 Miles