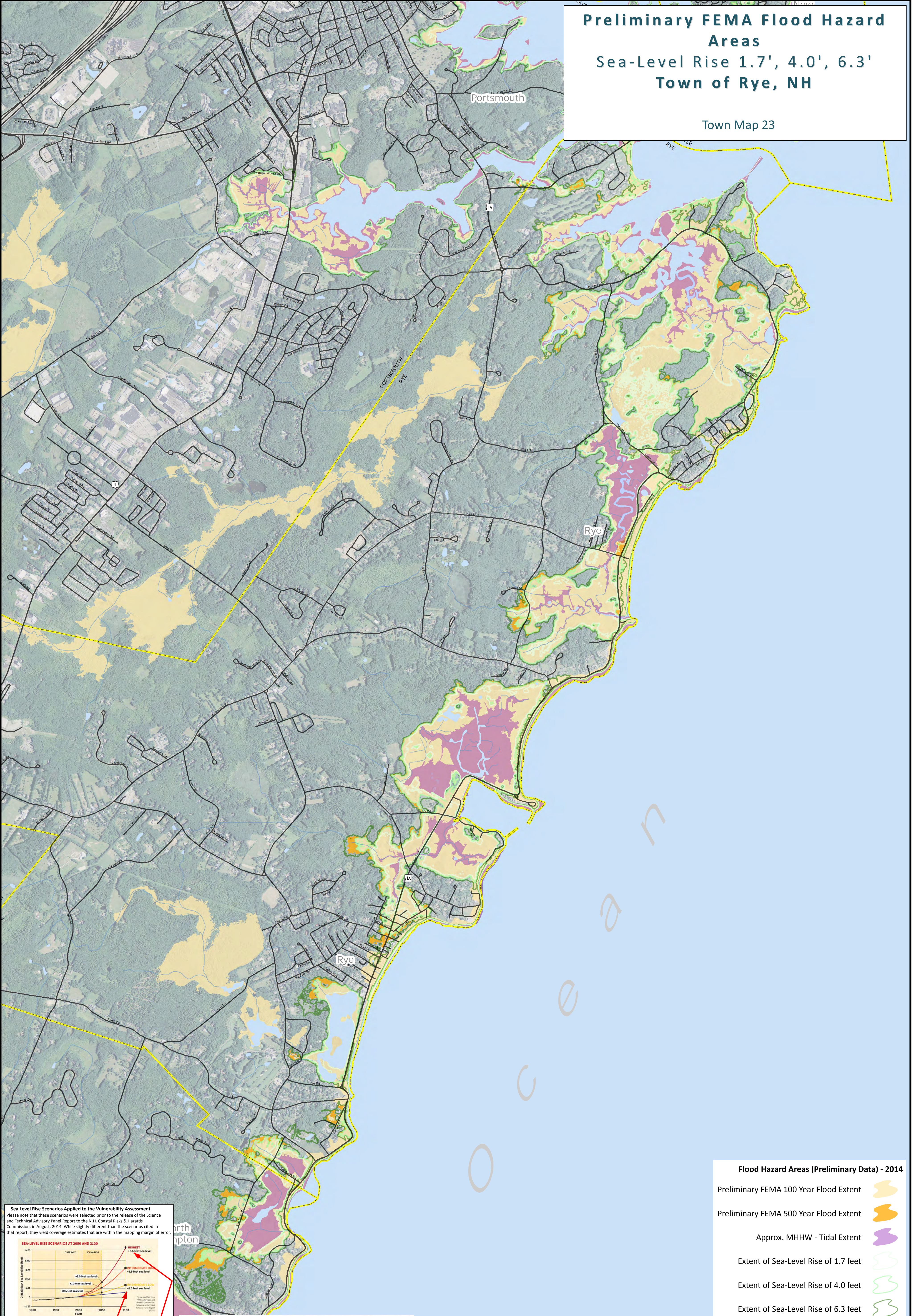
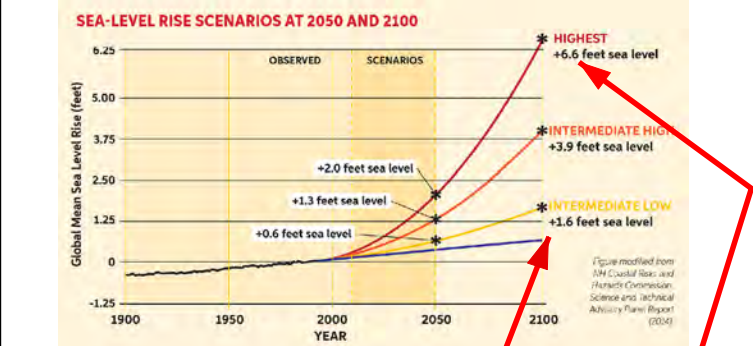


Preliminary FEMA Flood Hazard Areas  
Sea-Level Rise 1.7', 4.0', 6.3'  
Town of Rye, NH

Town Map 23



**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 MHHW	6.4	6.4	6.4	6.4	6.4	6.4
100-Year Flood Height	6.4	6.4	6.4	6.4	6.4	6.4
Scenario	6.3	6.3	6.3	6.3	6.3	6.3
Static SLR	1.0	1.0	2.5	2.5	4.0	4.0
Tidal Surge Elevation	12.2	12.7	13.7	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

ROCKINGHAM PLANNING COMMISSION

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

NH GRANIT

DEPARTMENT OF TRANSPORTATION

The Tides to Storms project is funded by New Hampshire Homeland Security and Emergency Management (HSEM) through a Pre-Disaster Mitigation Grant from the Federal Emergency Management Agency (FEMA).

Additional funding, support and data provided by the U.S. Department of Transportation, Federal Highways Administration, New Hampshire Department of Transportation and New Hampshire GRANIT-Earth Systems Research Center, University of New Hampshire.

- Flood Hazard Areas (Preliminary Data) - 2014**
- Preliminary FEMA 100 Year Flood Extent
  - Preliminary FEMA 500 Year Flood Extent
  - Approx. MHHW - Tidal Extent
  - Extent of Sea-Level Rise of 1.7 feet
  - Extent of Sea-Level Rise of 4.0 feet
  - Extent of Sea-Level Rise of 6.3 feet

**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