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# **Potential for Significant Coastal Storm**

## **Wednesday through Thursday, 11/7-8**

### **Weather Briefing**

**Prepared 10:00 am EST Monday, November 5, 2012**

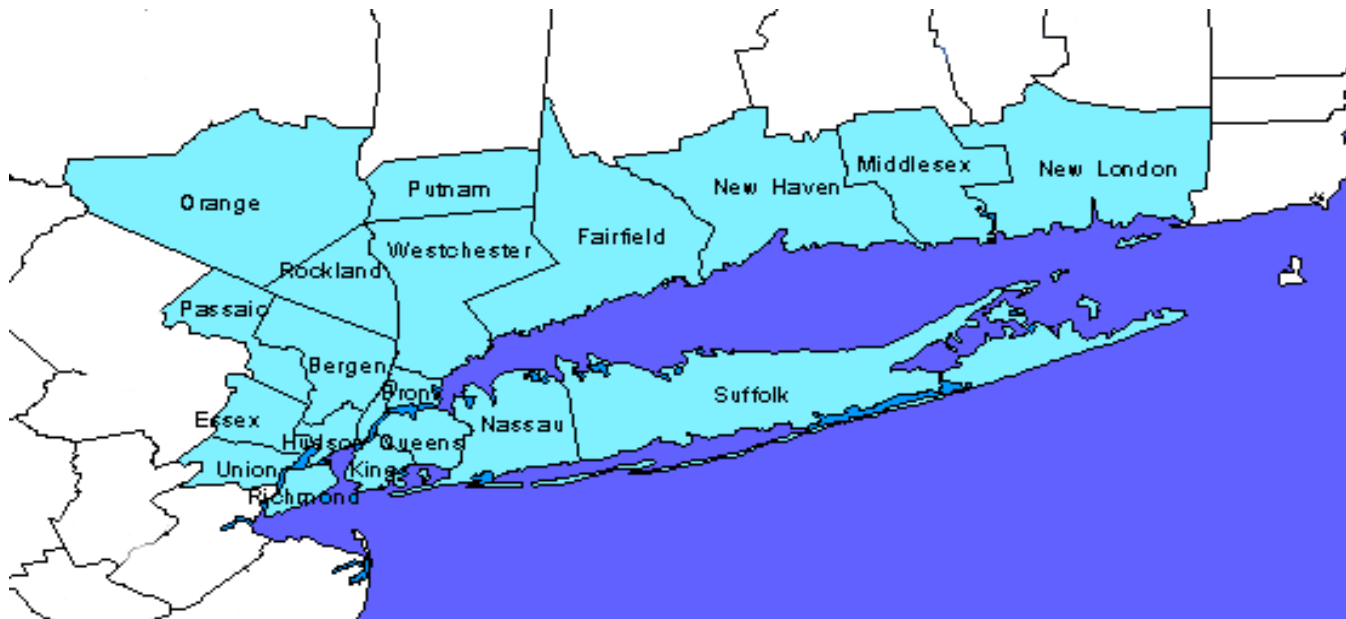
**Presented by**

**Gary Conte, Warning Coordination Meteorologist  
NOAA's National Weather Service  
New York, NY Office**



# Purpose of Briefing

- Promote Situational Awareness
- Provide Guidance for Planning
- Briefing Applies to Area Shaded in Blue





# Executive Summary



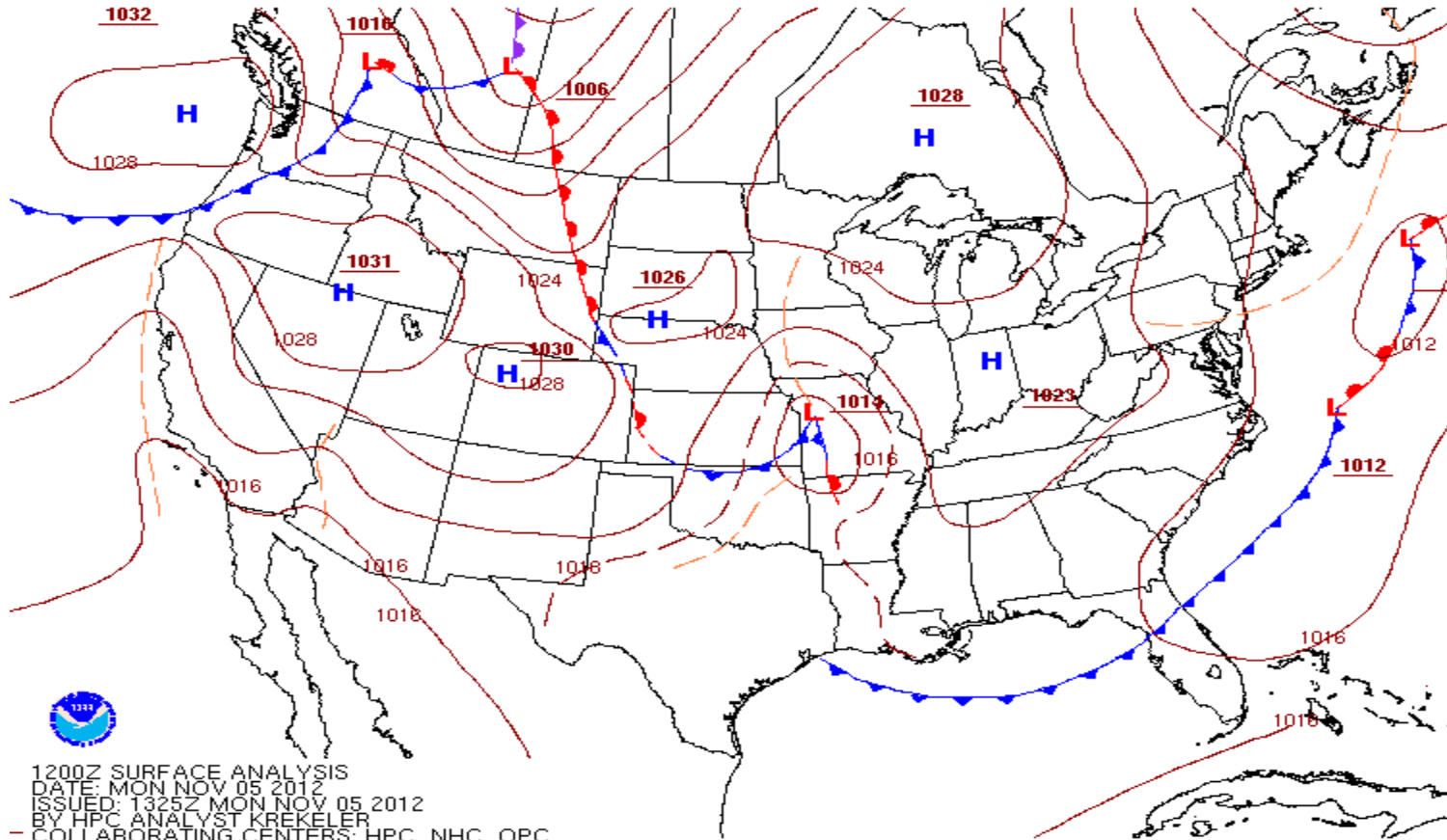
## INCREASING POTENTIAL

- Moderate Coastal Flooding
  - 2.5 to 4.5 Foot Surge Possible Wed Night's High Tides Western LI Sound and South Shore Bays; Less Elsewhere
- High Winds
  - Coastal Areas: 30-40 Gusts 45-60; Peak 70 MPH
  - Inland Areas: 20-30 Gusts 35-45; Peak 60 MPH
- Heavy Rain: 1-2 Inches; Max Hourly Rates:  $\frac{1}{2}$  -  $\frac{3}{4}$  inch



# Weather Map

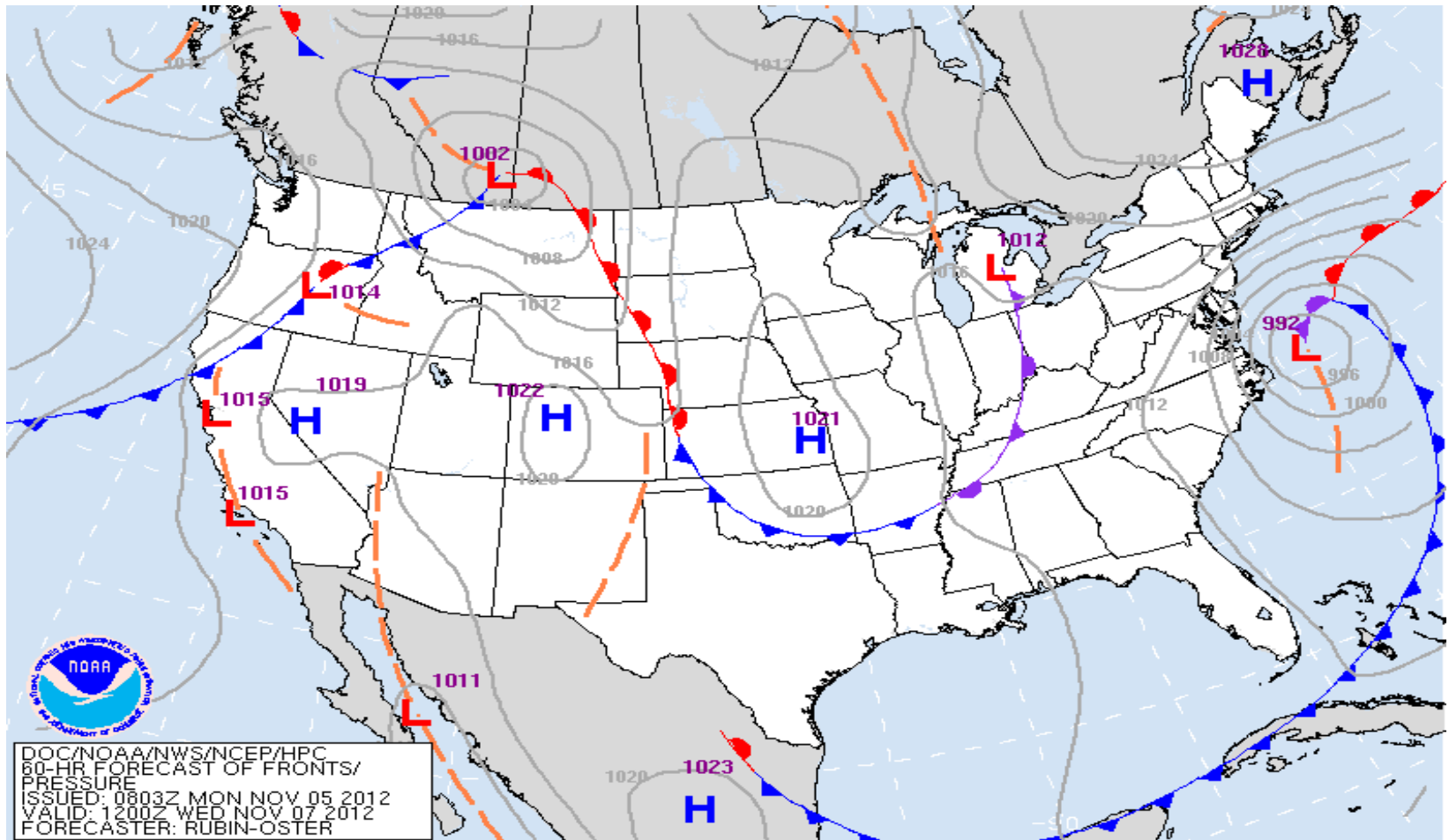
## Monday, 11/5 at 7 AM





# Weather Map

## Wednesday, 11/7 at 7 AM



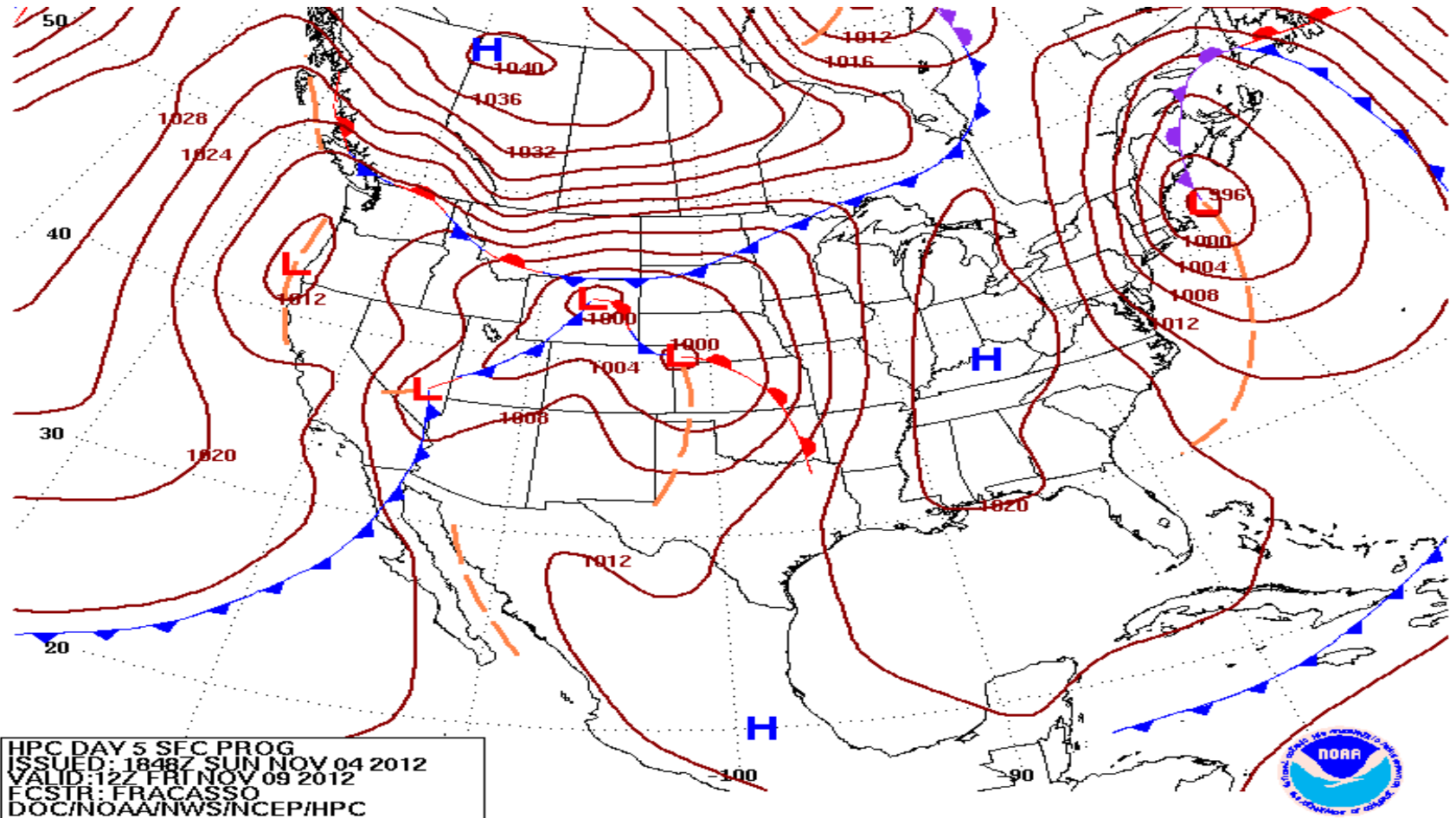
11/5/2012





# Weather Map

## Friday, 11/9 at 7 AM



11/5/2012



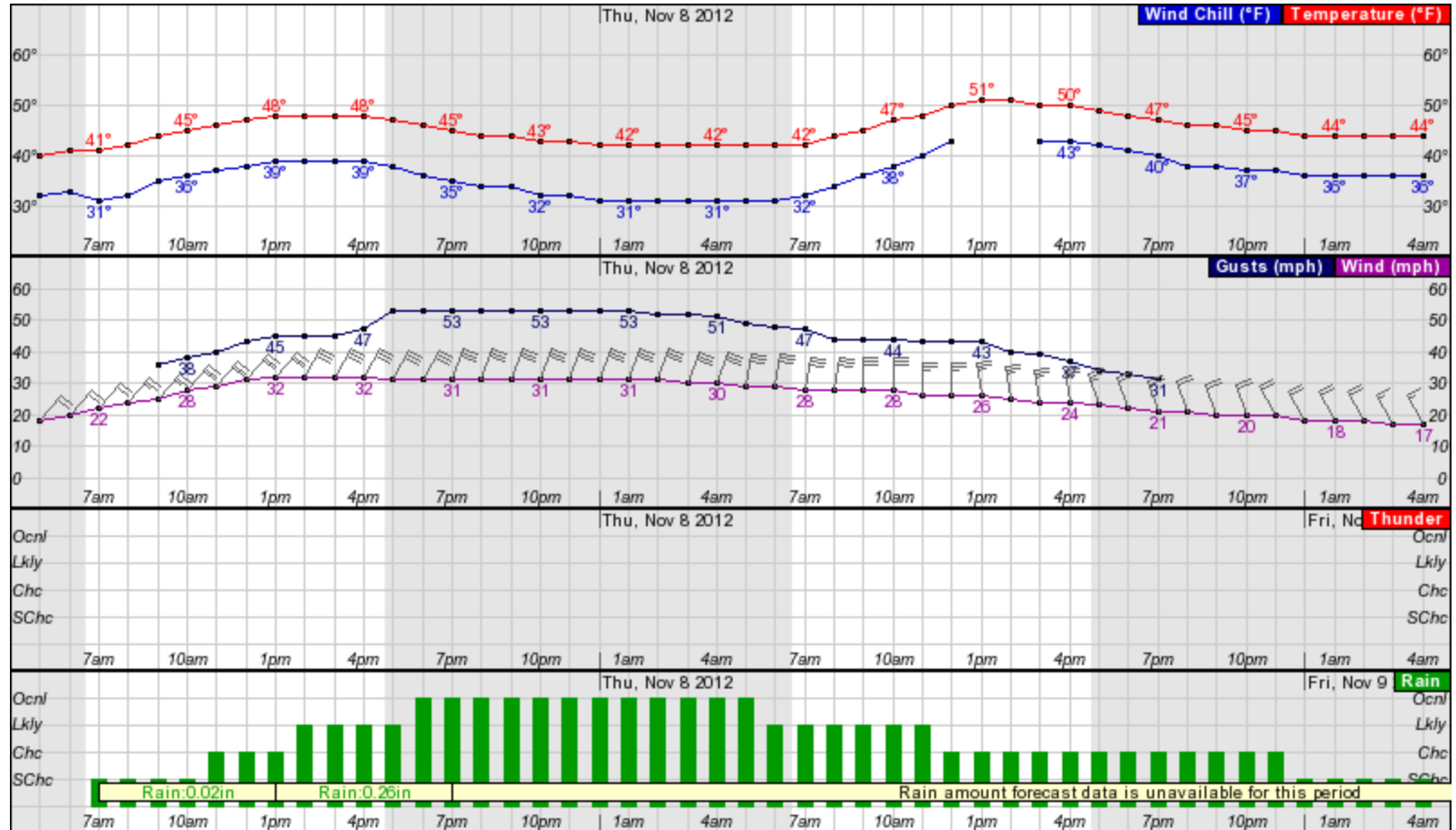
# Highest Winds



- Highest Winds Along Coast
- Timing for NYC
- After 4 pm Wednesday through at Least 4 am Thursday
  - Higher wind gusts across higher elevations (e.g., bridges and tall buildings)



# JFK Airport





# Coastal Flooding

## Prepare for Moderate Flooding

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- At Least 2 High Tide Cycles Affected
- Wednesday Afternoon through Evening
- Wednesday Night through Thursday Morning

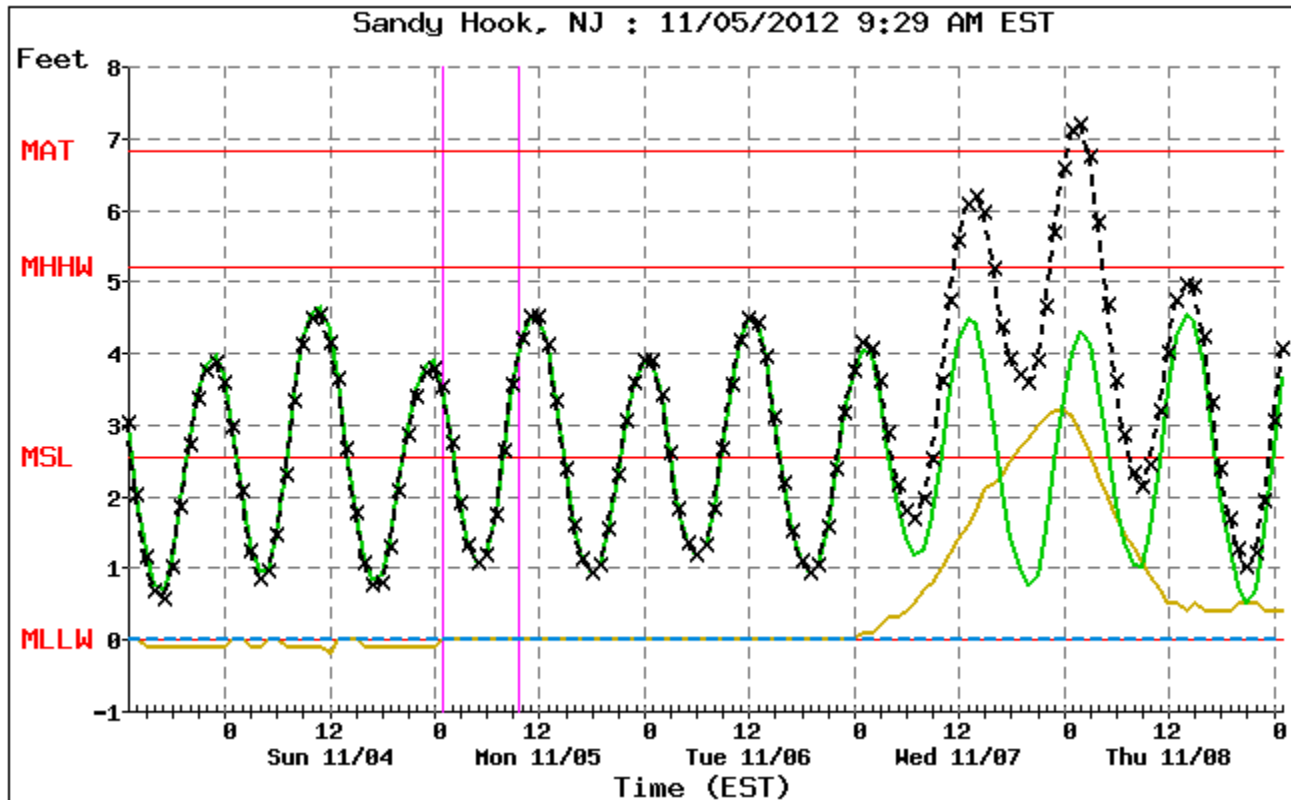


# Coastal Flooding/Sandy Hook 2-4 Foot Surge Forecast



- Look at the Brown Line for Surge

Surge Tide Observation Forecast Anomaly=(Obs.-(Tide+Surge))



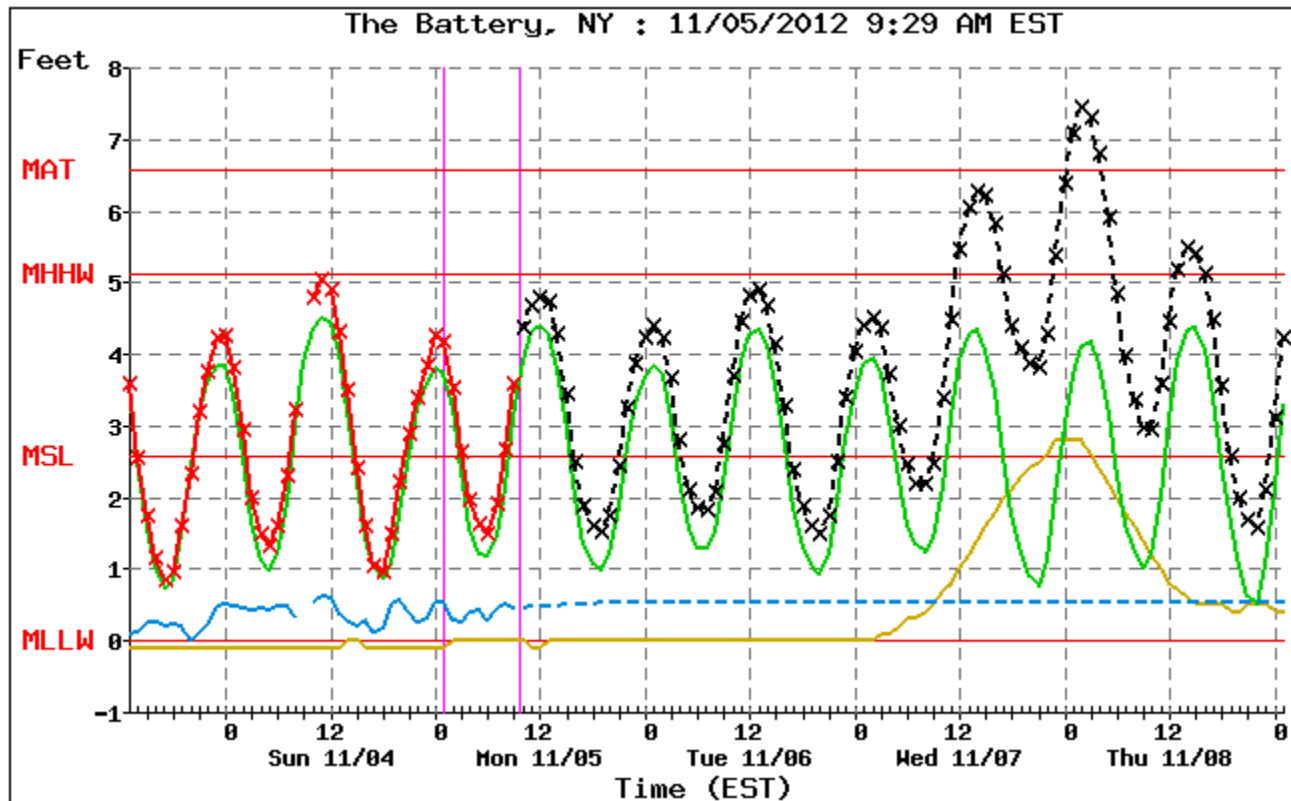


# Coastal Flooding/Battery 2-4 Foot Surge Forecast



- Look at the Brown Line for Surge

Surge Tide Observation Forecast Anomaly=(Obs.-(Tide+Surge))



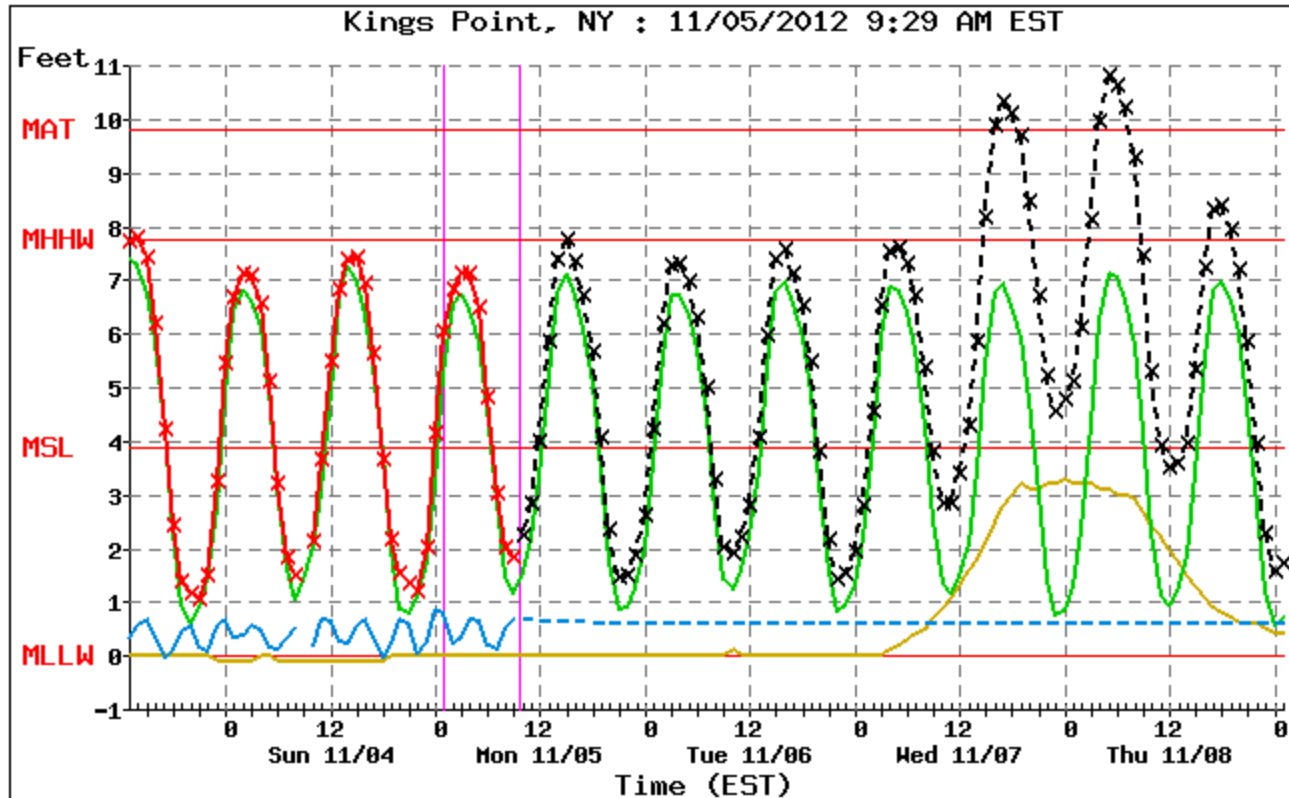


# Kings Point 2-4 Foot Surge Forecast



- Look at the Brown Line for Surge

Surge Tide Observation Forecast Anomaly=(Obs.-(Tide+Surge))



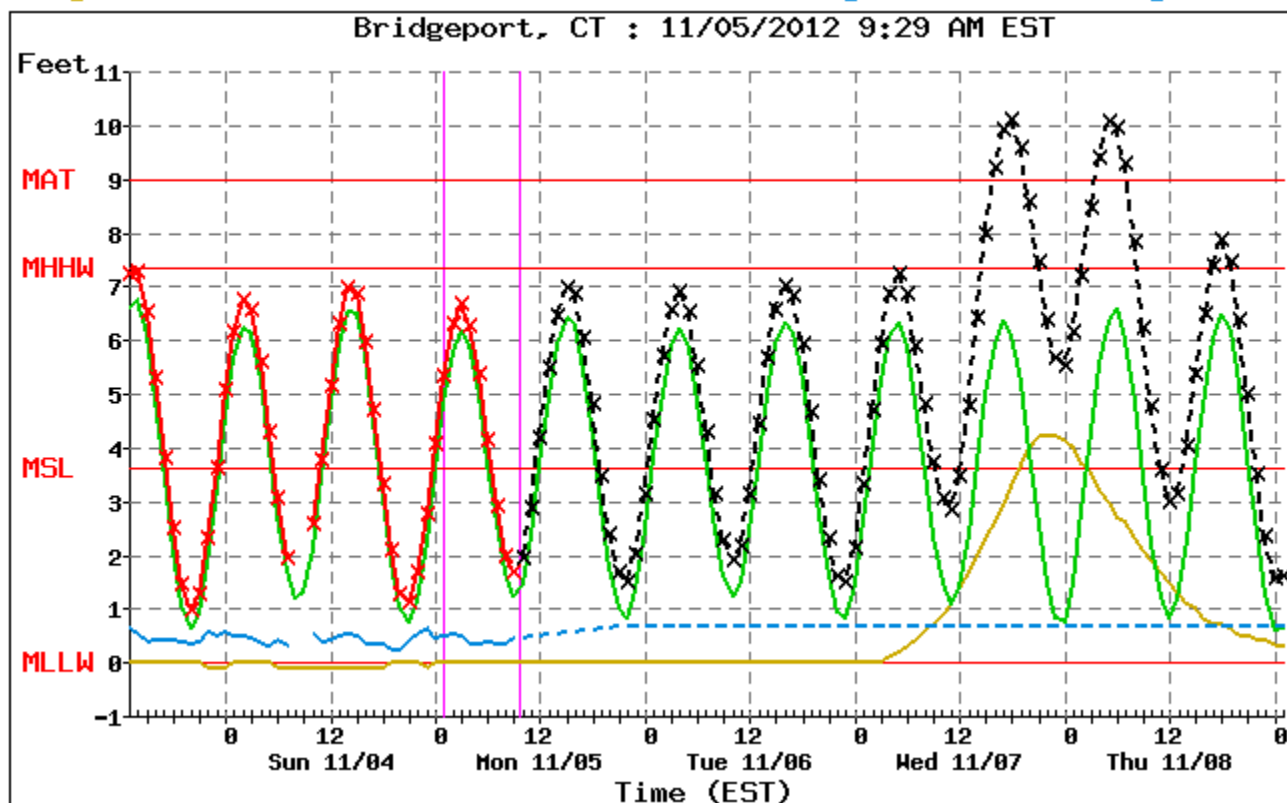


# Coastal Flooding/Bridgeport 3-5 Foot Surge Forecast



- Look at the Brown Line for Surge

Surge Tide Observation Forecast Anomaly=(Obs.-(Tide+Surge))

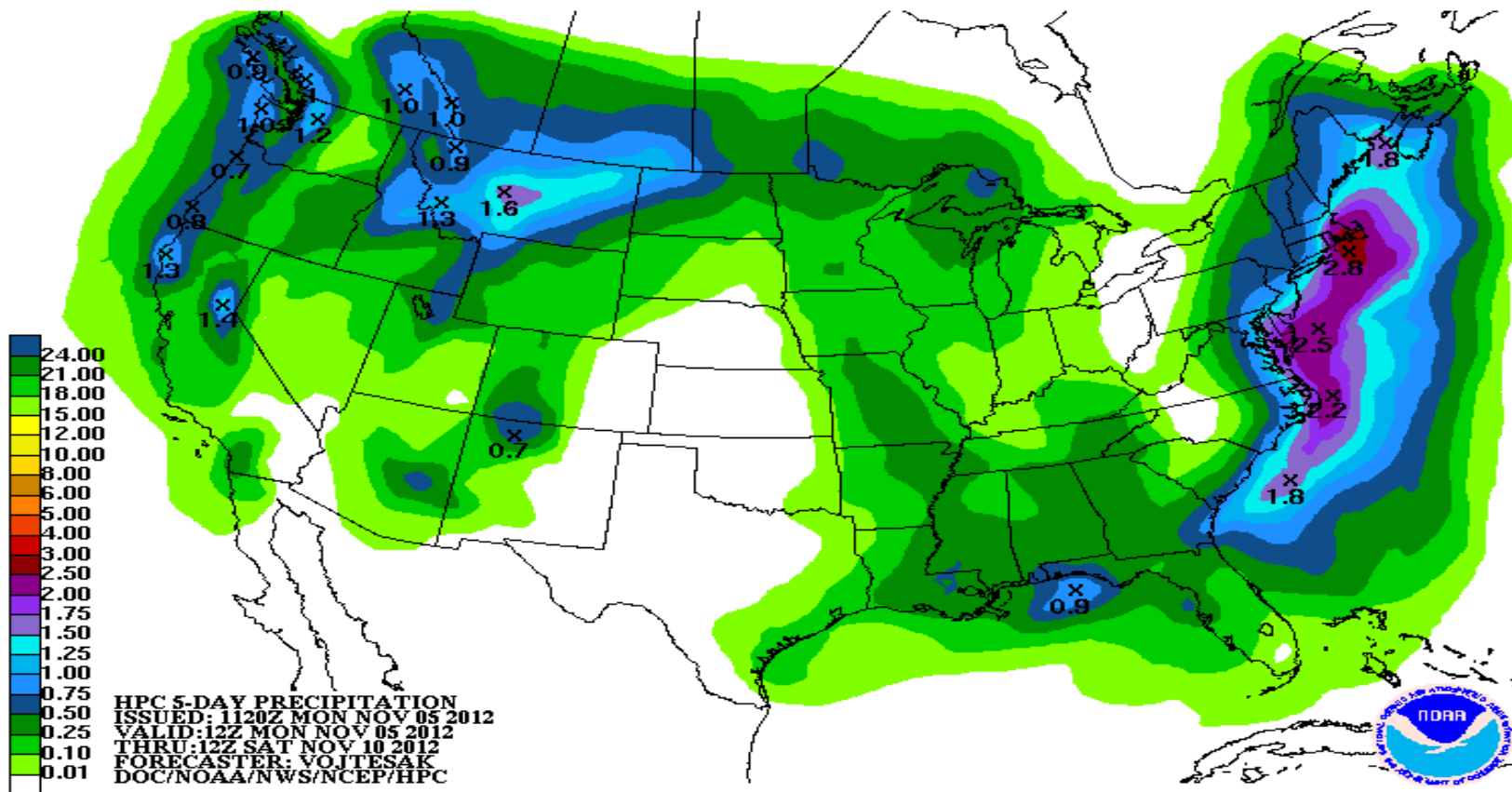




# Storm Total Rain

## Wednesday-Thursday

### Heaviest Rain late Wednesday





# Heavy Rain



- Urban and Small Stream Flooding Likely
- Minor Flooding of Main Stem Rivers Possible
  - 1 to 2 Inches of Rain Isolated Higher Amounts
  - Maximum Hourly Rates of 1/2 to 3/4 inches



# Executive Summary



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## POTENTIAL IMPACTS

- ADDITIONAL BEACH EROSION AND COASTAL FLOODING DAMAGING MORE OF OUR SHORES
- HIGH WINDS AND HEAVY RAIN WILL BRING DOWN MORE TREE LIMBS AND TREES CAUSING ADDITIONAL POWER OUTAGES
- COOLER THAN NORMAL TEMPERATURES WILL CONTINUE
- IMPROVING WEATHER CONDITIONS STARTING FRIDAY



# Webinar Schedule

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- Next Webinar Scheduled for Tuesday at 11:30 AM
- CHECK YOUR EMAIL



# Contact Information



- National Weather Service New York, NY
  - <http://www.weather.gov/nyc>
- [gary.conte@noaa.gov](mailto:gary.conte@noaa.gov)