

National Weather Service Operations Center

East Coast Flood/Coastal Flood and Hurricane Joaquin Update

Friday, October 2, 2015

10:30 a.m. EDT



Friday, October 02, 2015

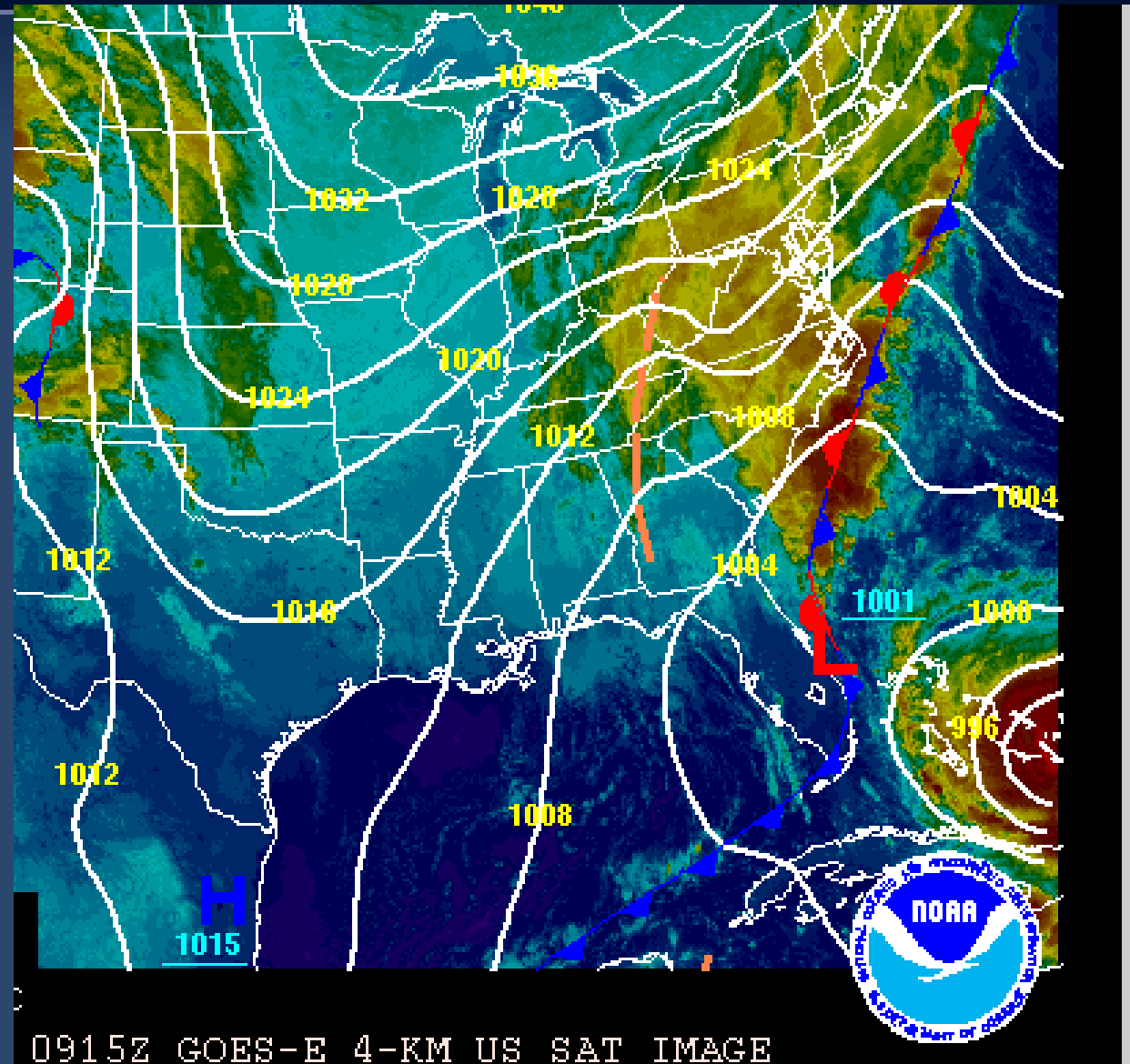
Impact Overview

- Hurricane Joaquin expected to turn north today and remain offshore.
- Heavy rainfall and the potential for flash flooding in parts of the Appalachians to the Southeast Coast regardless of Joaquin track.
- Strong gusty winds expected along all coastal locations through Saturday.
- Coastal Flood Warnings and Advisories in effect for many locations along the east coast.
- High surf, beach erosion and strong rip current risk through this weekend.



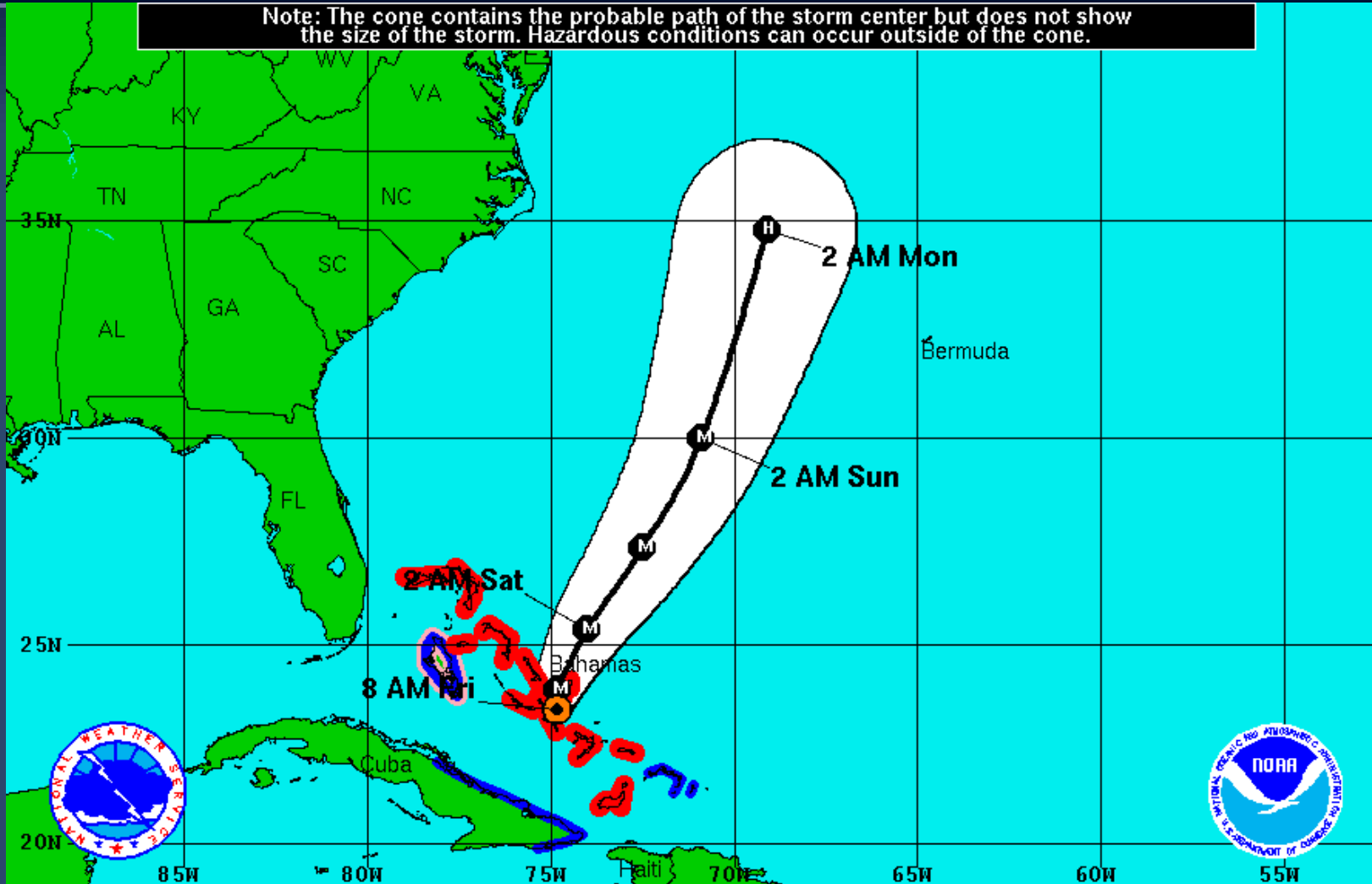
East Coast Weather Overview

- Tropical moisture overriding a stalled frontal boundary.
- Widespread rain from the Carolinas to New England....some heavy.
- Hurricane Joaquin near the Bahamas expected to turn north today.



Hurricane Joaquin 3 Day Forecast Track

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Hurricane Joaquin
 Friday October 2, 2015
 8 AM EDT Intermediate Advisory 18A
 NWS National Hurricane Center

Current Information: ●
 Center Location 23.4 N 74.8 W
 Max Sustained Wind 130 mph
 Movement NW at 3 mph

Forecast Positions:
 ● Tropical Cyclone ○ Post-Tropical
 Sustained Winds: D < 39 mph
 S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:



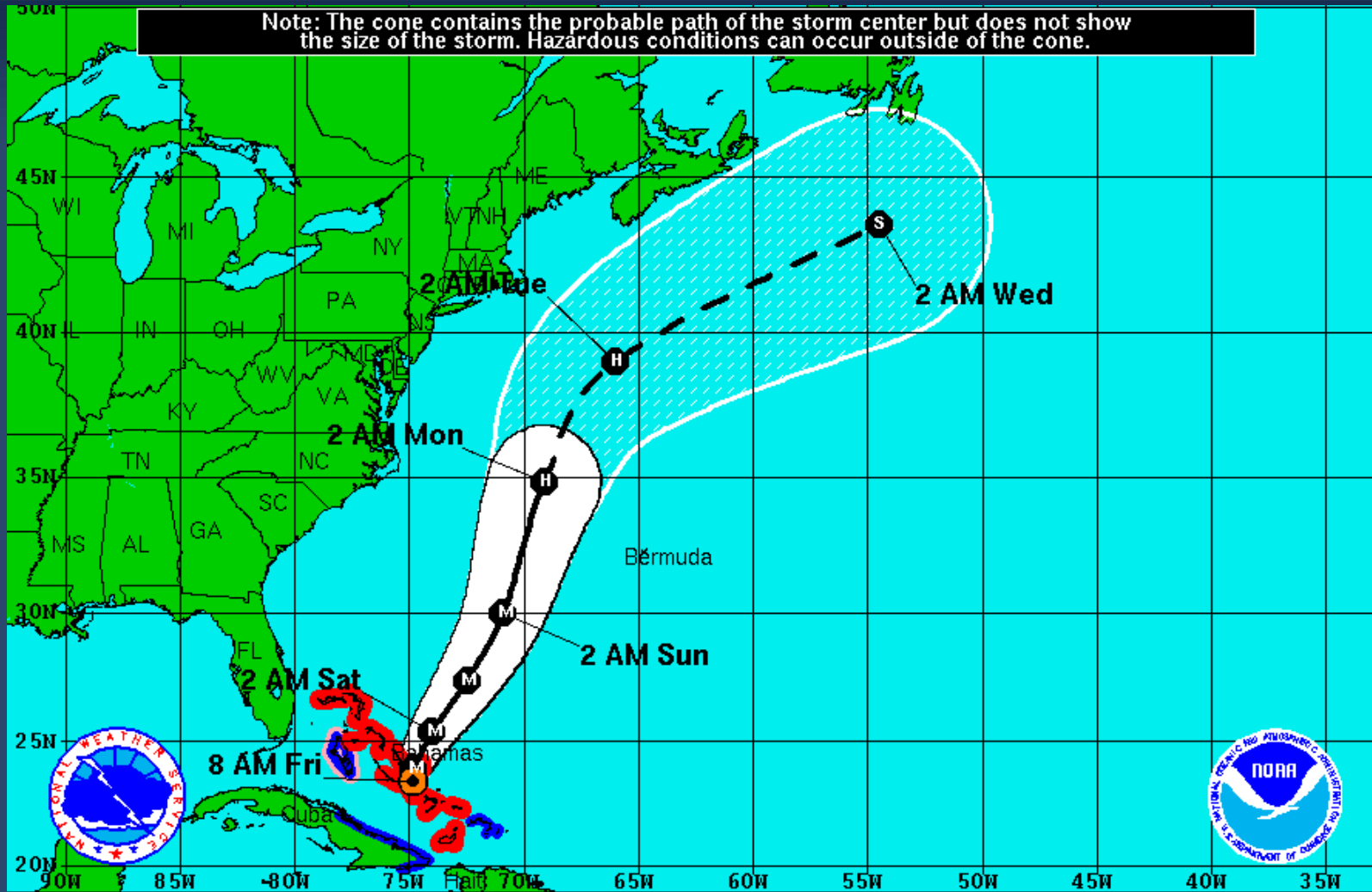
Watches:



Warnings:



Hurricane Joaquin 5 Day Forecast Track



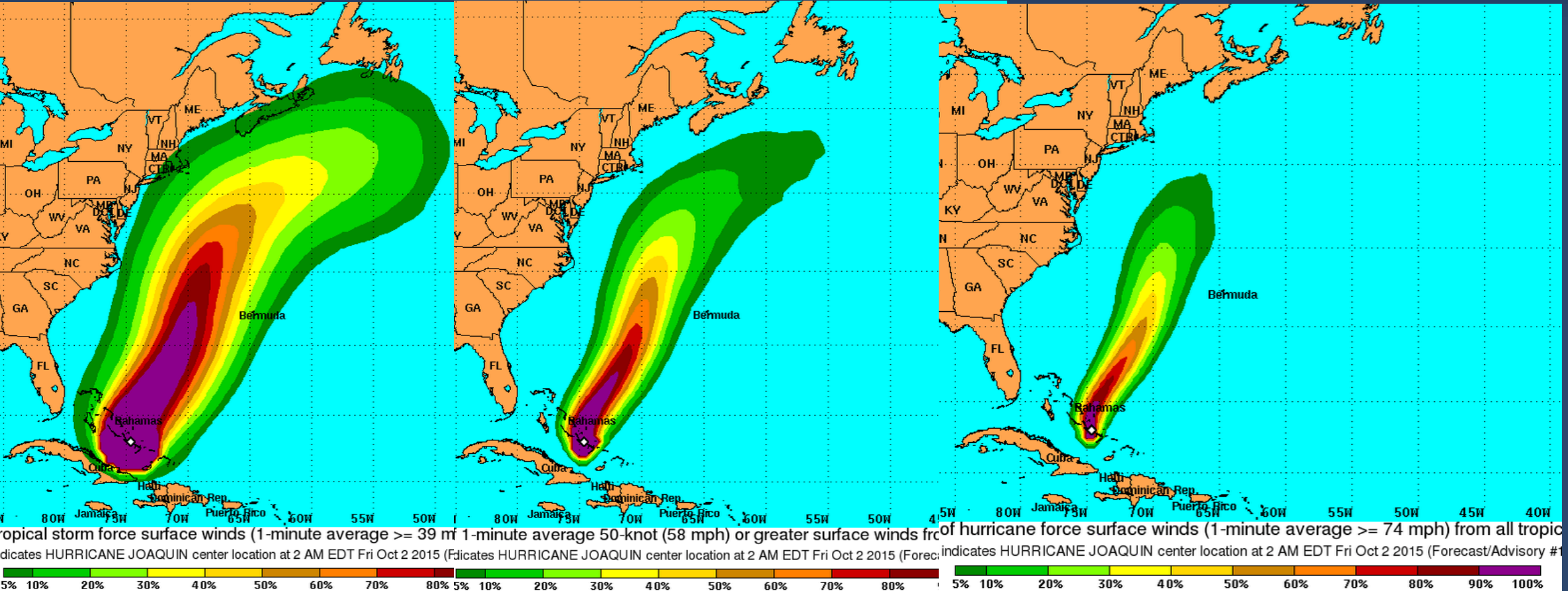
<p>Hurricane Joaquin Friday October 2, 2015 8 AM EDT Intermediate Advisory 18A NWS National Hurricane Center</p>	<p>Current Information: ● Center Location 23.4 N 74.8 W Max Sustained Wind 130 mph Movement NW at 3 mph</p>	<p>Forecast Positions: ● Tropical Cyclone ○ Post-Tropical Sustained Winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110mph</p>
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<p>Potential Track Area: ▽ Day 1-3 ▽ Day 4-5</p>	<p>Watches: Hurricane Trop.Storm</p>	<p>Warnings: Hurricane Trop.Storm</p>
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Joaquin Wind Probabilities

From National Hurricane Center



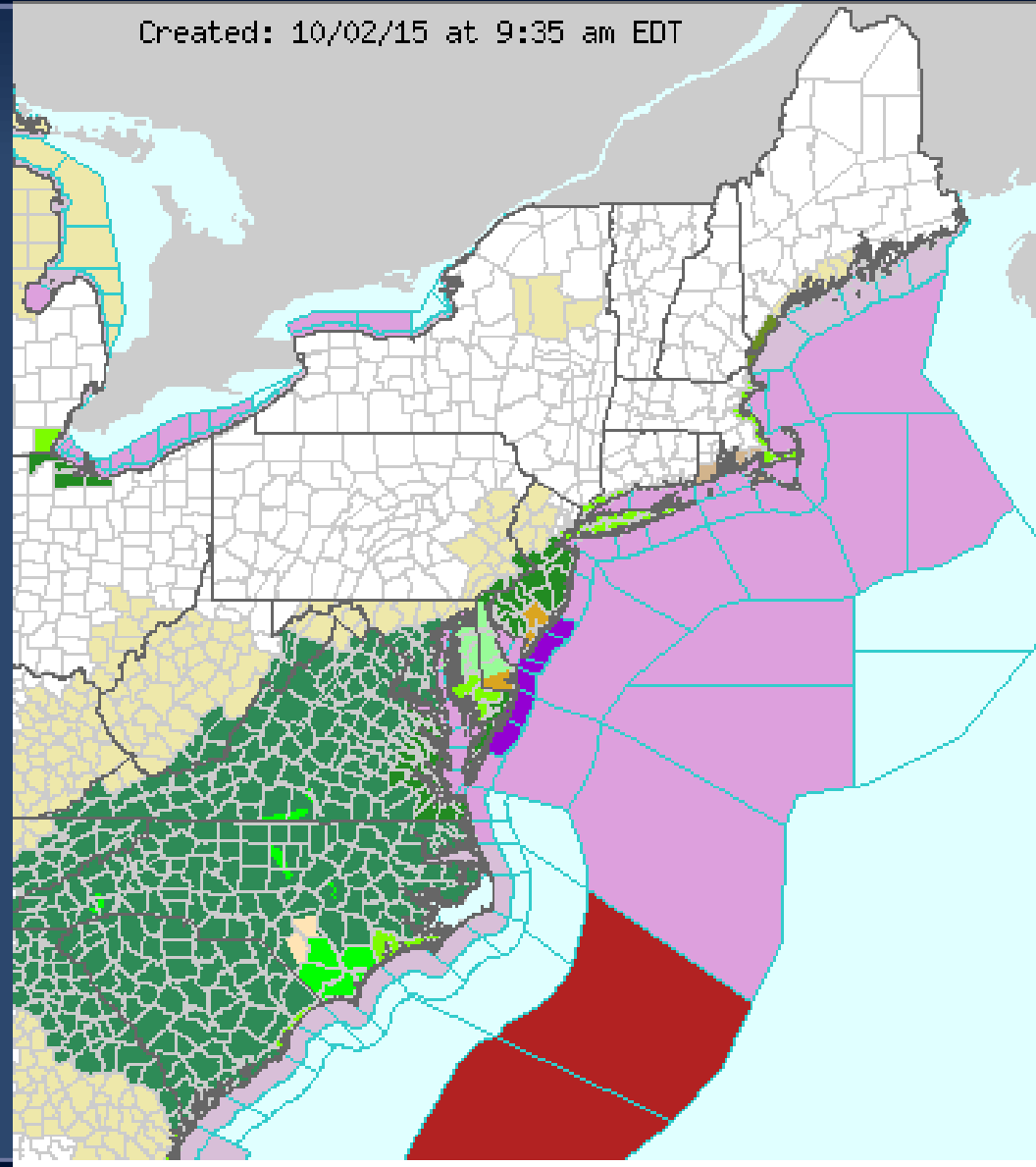
39+ mph

58+ mph

74+ mph



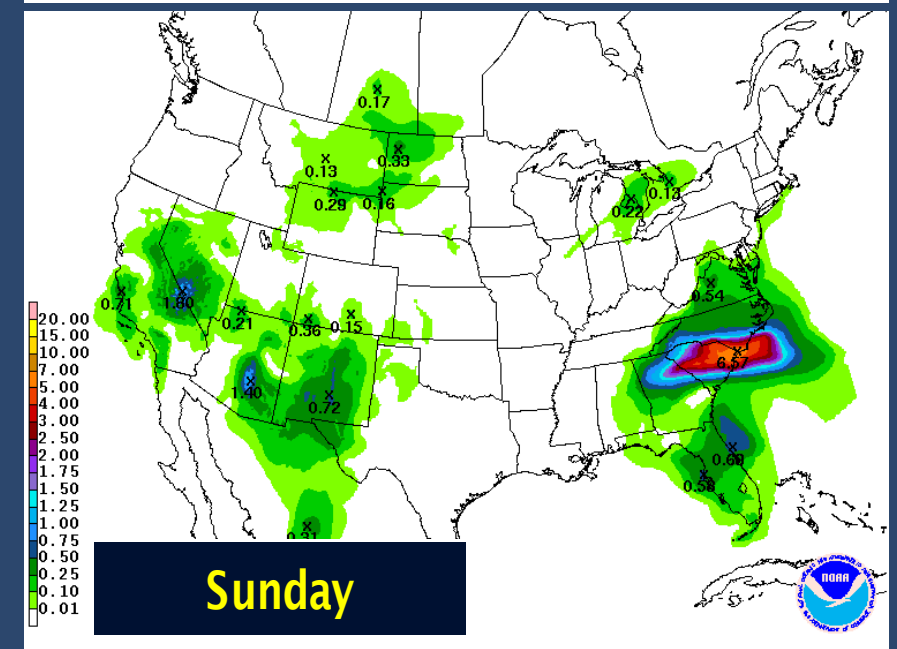
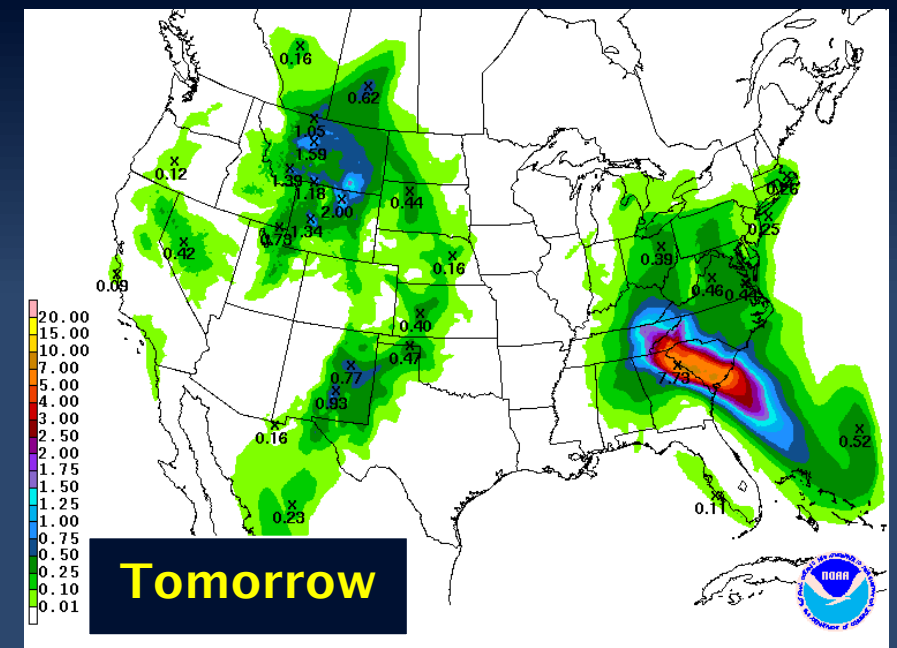
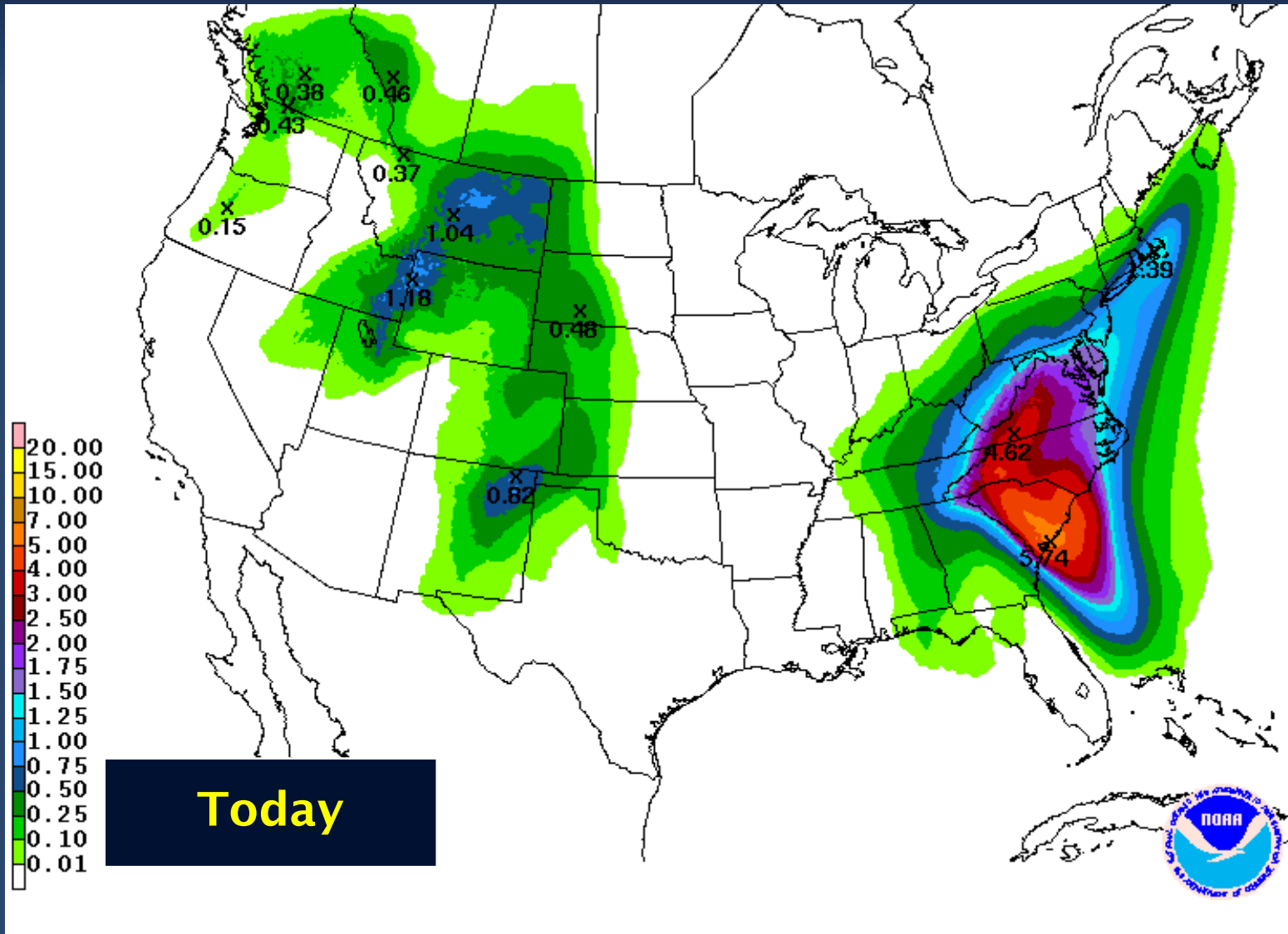
Flash Flood Watches (Green)



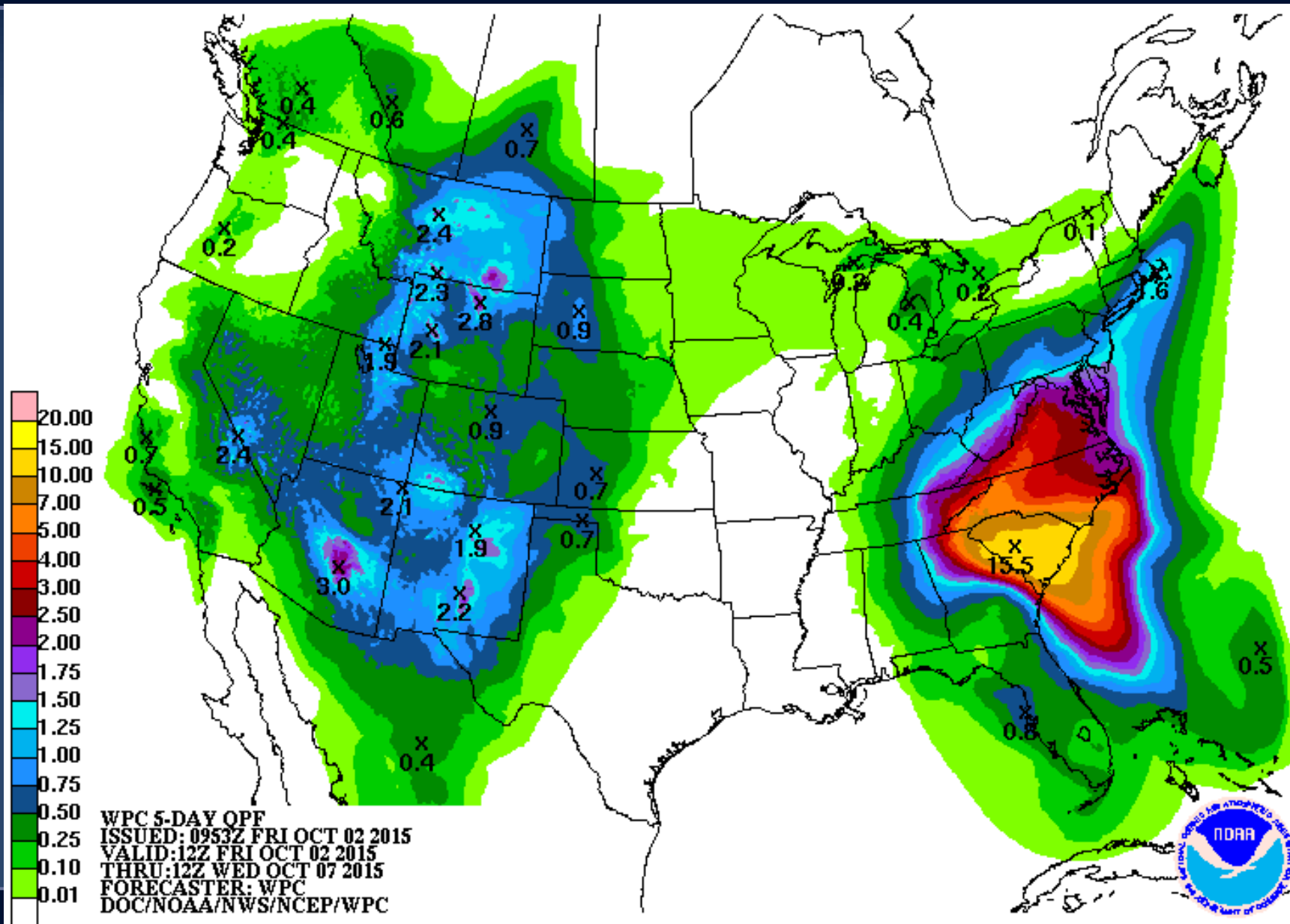
NWS Operations Center: Incident Briefing



Precipitation Forecast



Rainfall Accumulation Forecast (5-day total)



NWS Activities

Decision Support Services

- NWS Offices in the Carolinas are providing DSS briefing packages to Emergency Managers including social media, written, verbal, and electronic forms.
- NWS Southern Region Operations Center (ROC) is providing briefings to FEMA Region IV.
- SERFC is sending a hydrologist over to FEMA Region 4 to assist w/ hydro support



NWS Activities

Decision Support Services

- NWS Eastern Region ROC is providing briefings to FEMA Regions II and III, and collaborating with NWS Southern Region ROC for briefings to FEMA Region IV.
- NWS National Aviation Meteorologists are briefing FAA Command Center personnel.
- WFO New York will be providing 24-hour on-site DSS at New York City Office of Emergency Management (NYCOEM) beginning today.
- NWS Operations Center is providing daily briefings to HHS.



NWS Communications

Messaging

- Talking points being created and maintained by NWS Communication Office.
- NHC public discussion product includes “Key Messages”.
- WFOs are providing frequent updates and briefings to emergency management officials along the entire East Coast stressing the threats of coastal flooding, inland flooding and high surf/rip currents.

