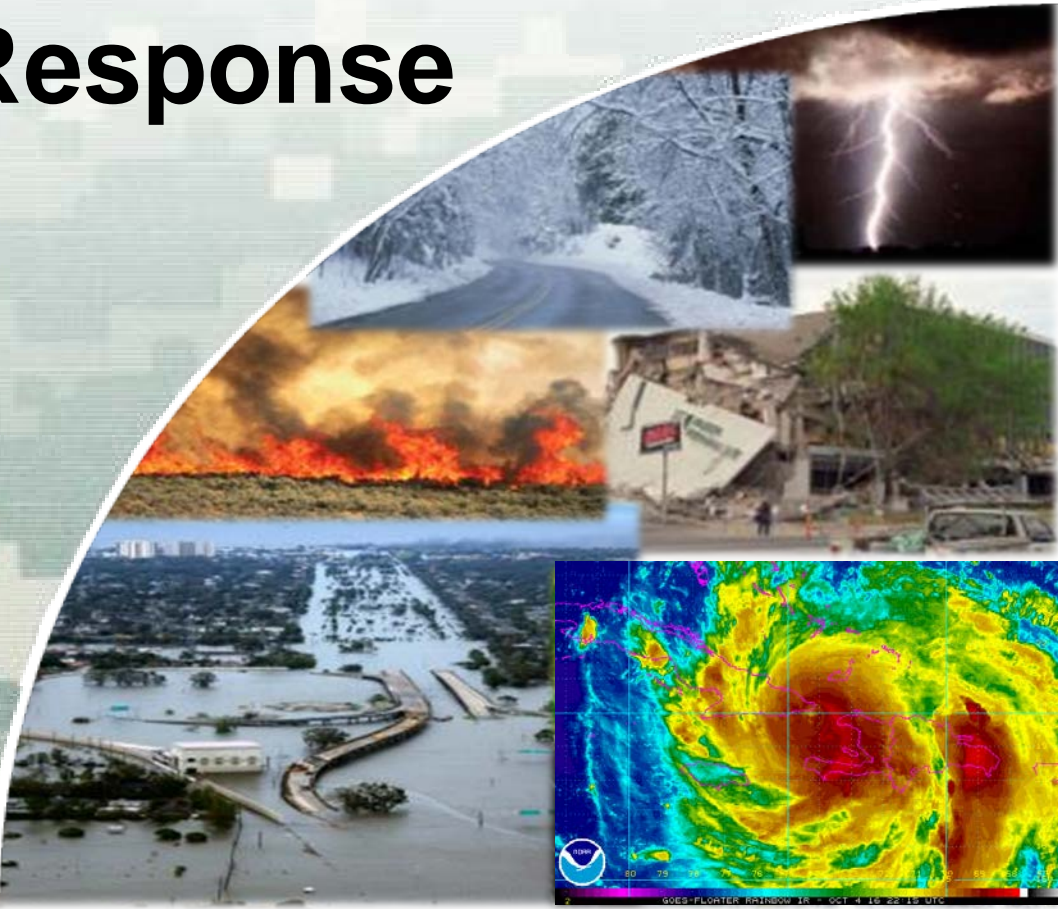


Western Dredging Association Hurricane Matthew: Impacts and Response



25 Oct 2016



US Army Corps of Engineers
BUILDING STRONG



Matthew

Category 4 Hurricane

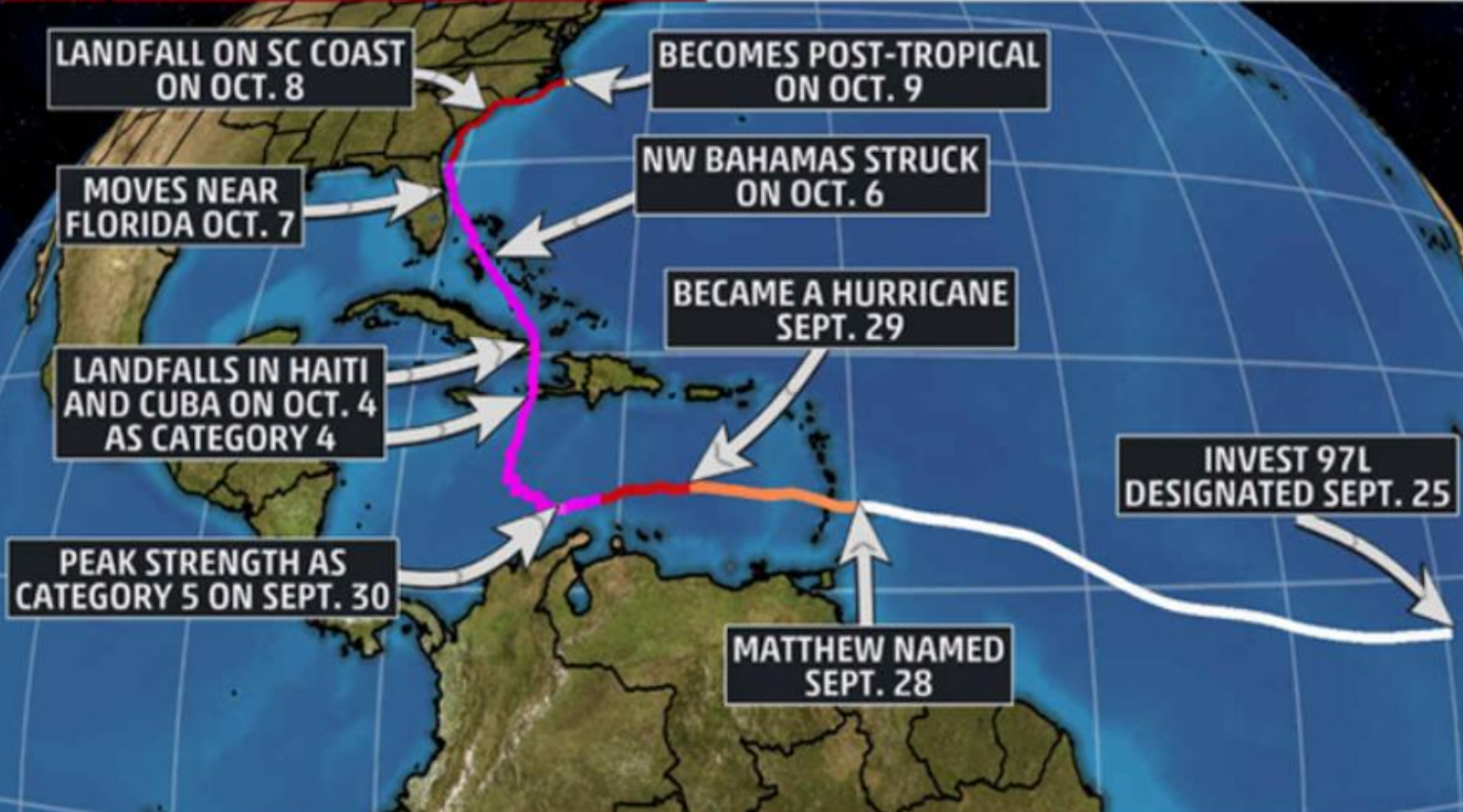
Wind: 145 mph

11:00 AM EDT Tuesday 2016-10-04



MATTHEW'S HISTORY

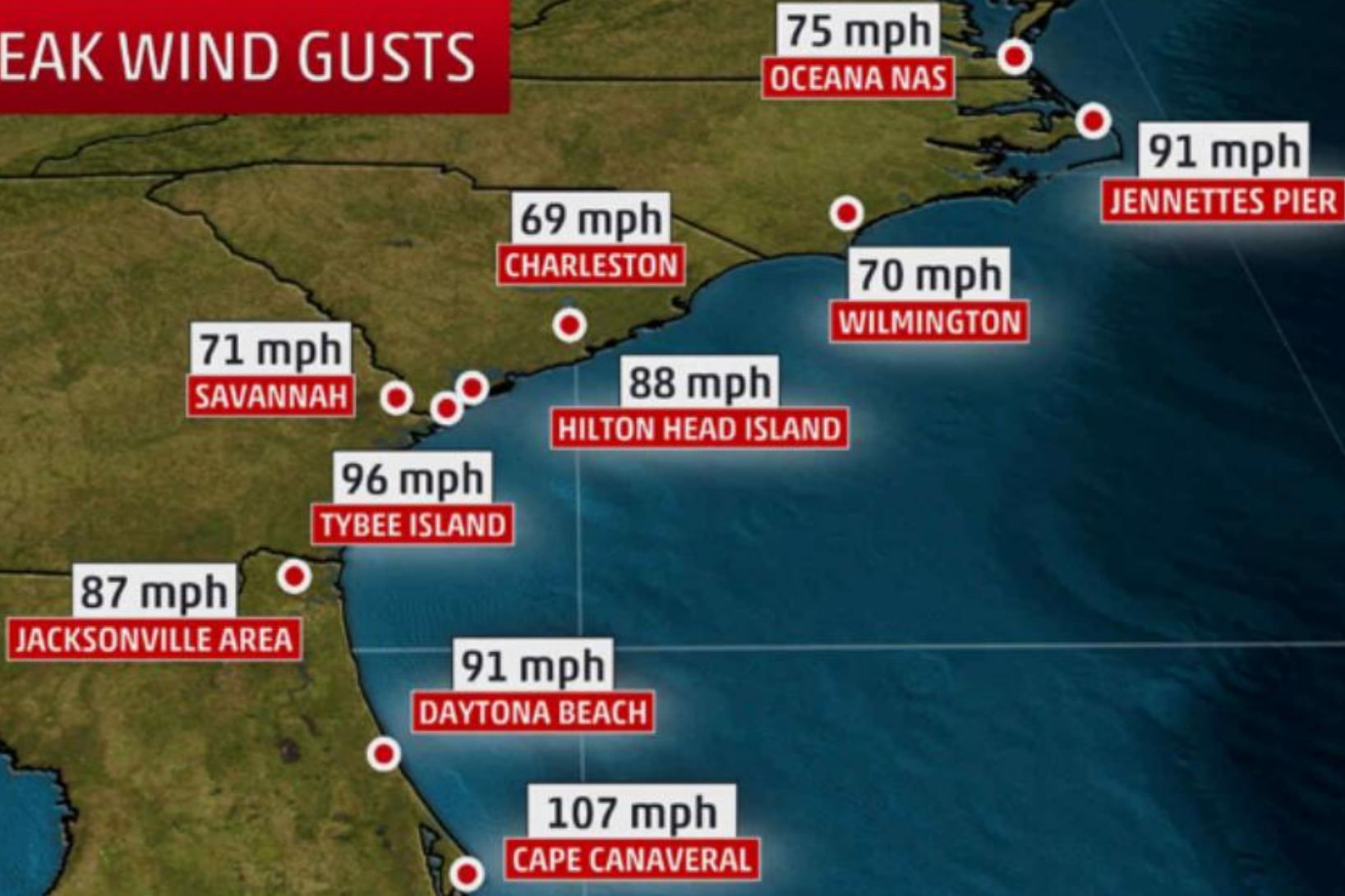
LATE SEPTEMBER-EARLY OCTOBER



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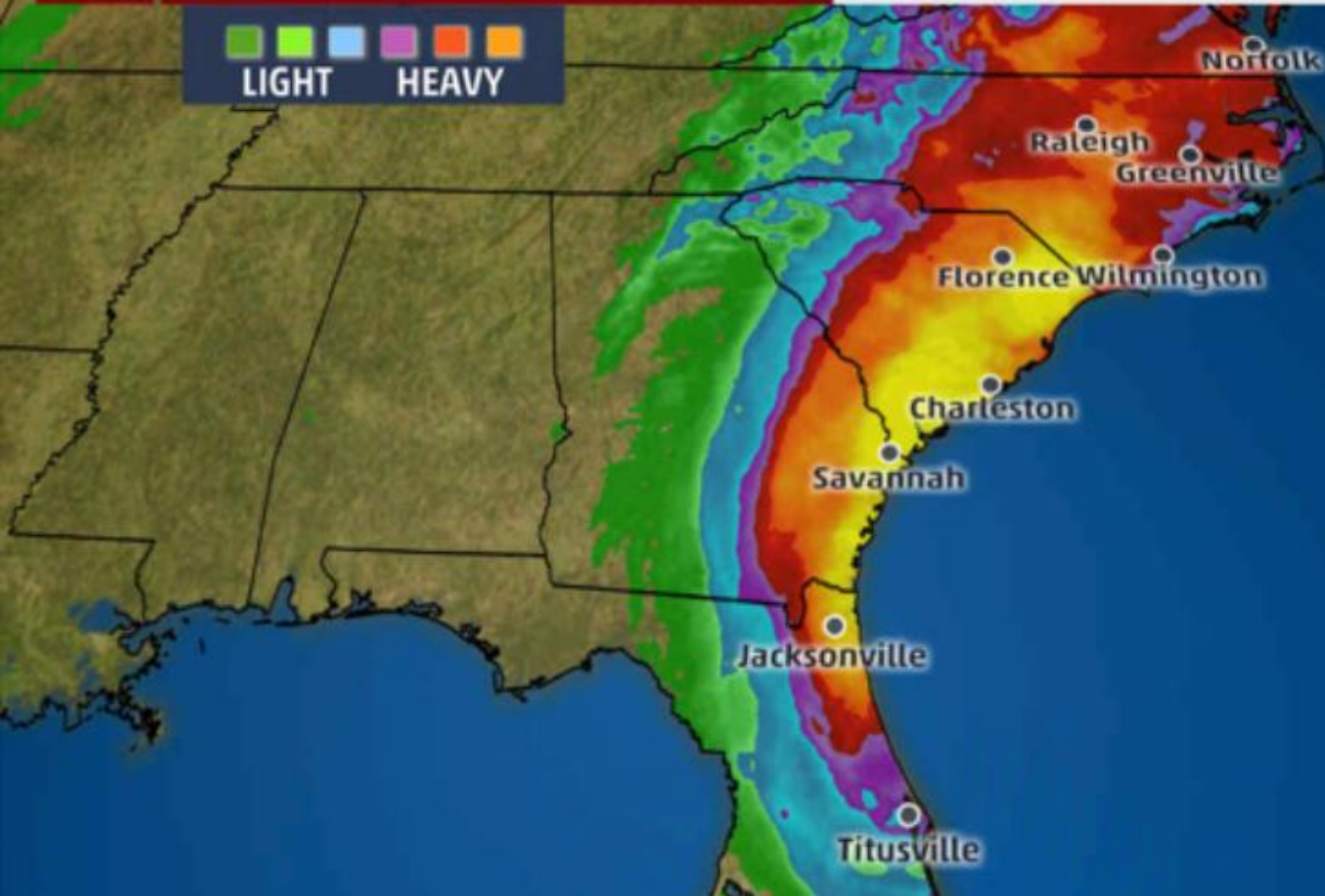


PEAK WIND GUSTS



ESTIMATED RAINFALL

OCT. 6 - 9, 2016



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HURRICANE PLANNING, PREPAREDNESS, RESPONSE, AND RECOVERY

- **Communications**
- **Cooperation**
- **Known expectations**
- **Agreed upon priorities**
- **Exercises/drills**
- **Lessons Learned**



CORPS ACTIVITIES PRE-STORM

- **Determine safe harbor locations for contract dredges and Corps vessels.**
- **Prepare all survey vessels for deployment.**
- **Determine available resources for surveying: Corps, Federal Partners, Contractors, and Users.**
- **Conduct pre-storm meetings to discuss the upcoming storm and possible port/waterway closures.**
- **Coordinate with Dredge Industry on availability**



CORPS ROLES DURING STORM

- **Update senior staff on storm status.**
- **Begin estimating impact on Federal channels based on the category of the storm.**
- **Plan survey strategy**
- **Determine projects that will not be impacted by the storm and recommend to CG they be open to business as usual.**



CORPS PRIORITIES AFTER STORM

- **Safety and Accountability**
- **Reestablish Port and Navigation Operations**
- **Post-declaration Assessments and Monitoring - No additional mission assignments requested**
- **Post Storm Beach Assessments**
- **Prepare for a supplemental bill**



What Happened?

- **All ports Closed; Miami – Norfolk**
- **Jetty Overwash; Jetty Stone Displaced**
- **Beaches severely eroded**
- **Flooding**
- **However it could have been worse!**





Duval County Beaches

 Share



BUILDING STRONG®



Flagler Beach



A large, curling ocean wave with a tunnel-like opening, set against a blue sky and a distant coastline. The wave is a deep blue-green color, and the water is turbulent. The sky is a clear, light blue. In the background, a coastline with some buildings and trees is visible.

QUESTIONS?