

From: chris.wamsley@noaa.gov
Sent: Monday, September 2, 2019 6:13 AM
To: Hurricane Update
Bcc: mary.erickson@noaa.gov
Subject: Grand Bahama Island Continues to Experience Catastrophic Winds and Storm Surge As Dorian Inches Westward

Dear Congressional Colleagues:

The Federal Emergency Management Agency and the Florida Division of Emergency Management invite Members of Congress and staff from the Florida Delegation and our Authorizers and Appropriators to join us Tuesday, September 3rd at 10:00 a.m. EDT, for an update on Hurricane Dorian. In coordination with our State and interagency partners we will provide an overview of ongoing operations. Members of Congress and staff will be provided an opportunity to ask questions at the end of the call.

Dial-in Information:

Conference Call for the Florida Delegation
Date: Tuesday, September 3rd at 10:00 a.m. EDT
Dial-In Number: (b)(6)
Passcode: (b)(6)

We encourage you to dial-in at least 5 minutes prior to the call start time to be placed into the conference.

Please contact (b)(6) with any questions.

Sincerely,
NOAA/NWS Congressional Affairs Team

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Life-Threatening Storm Surge and Dangerous Hurricane-Force Winds are Expected Along Portions of the Florida East Coast and Georgia Coast, Regardless of the Exact Track of Dorian's Center.

Key Points

- **At 1100 AM EDT**, the eye of Hurricane Dorian was located near latitude 26.8 North, longitude 78.3 West.
- Dorian is moving very slowly toward the west near 1 mph.
- A slow westward to west-northwestward motion is forecast during the next day or so, followed by a gradual turn

toward the northwest and north.

- On this track, the core of extremely dangerous Hurricane Dorian will continue to pound Grand Bahama Island through much of today and tonight.
- **The hurricane will then move dangerously close to the Florida east coast late tonight through Wednesday evening**
- **Then Dorian will move dangerously close to the Georgia and South Carolina coasts on Wednesday night and Thursday.**
- Maximum sustained winds are near 155 mph (250 km/h) with higher gusts.
- Dorian is an extremely dangerous category 4 hurricane on the Saffir-Simpson Hurricane Wind Scale.
- Although gradual weakening is forecast, Dorian is expected to remain a powerful hurricane during the next couple of days.
- Hurricane-force winds extend outward up to 45 miles from the center and tropical-storm-force winds extend outward up to 140 miles.
- The estimated minimum central pressure is 922 mb (27.23 inches).

Current Warnings and Watches in Effect

A **Storm Surge Warning** is in effect for...

- Lantana to the Flagler/Volusia County Line

A **Storm Surge Watch** is in effect for...

- North of Deerfield Beach to south of Lantana
- Flagler/Volusia County Line to the Savannah River

A **Hurricane Warning** is in effect for...

- Grand Bahama and the Abacos Islands in the northwestern Bahamas
- Jupiter Inlet to the Flagler/Volusia County Line

A **Hurricane Watch** is in effect for...

- North of Deerfield Beach to Jupiter Inlet
- Flagler/Volusia County Line to the Altamaha Sound Georgia

A **Tropical Storm Warning** is in effect for...

- North of Deerfield Beach to Jupiter Inlet

A **Tropical Storm Watch** is in effect for...

- North of Golden Beach to Deerfield Beach
- Lake Okeechobee

Hazards Affecting Land

WIND:

- Catastrophic hurricane conditions continue on Grand Bahama Island. Do not venture out into the eye, as winds will suddenly increase after the eye passes.
- Hurricane conditions are expected within the Hurricane Warning area in Florida by late tonight or Tuesday. Hurricane conditions are possible in the Hurricane Watch area on Wednesday.
- Tropical storm conditions are expected within the Tropical Storm warning area today and Tuesday, and are possible in the Tropical Storm watch area by tonight.

STORM SURGE:

- A life-threatening storm surge will raise water levels by as much as 18 to 23 feet above normal tide levels in areas of onshore winds on Grand Bahama Island.
- Near the coast, the surge will be accompanied by large and destructive waves. Water levels should very slowly subside on the Abaco Islands during the day.
- The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline.

The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

- Lantana to the Savannah River...4 to 7 ft
- North of Deerfield Beach to Lantana...2 to 4 ft

Water levels could begin rise well in advance of the arrival of strong winds. The surge will be accompanied by large and destructive waves.

Surge-related flooding depends on the how close the center of Dorian comes to the coast, and can vary greatly over short distances.

RAINFALL:

Dorian is expected to produce the following rainfall totals through late this week:

- Northwestern Bahamas...12 to 24 inches, isolated 30 inches.
- Central Bahamas...Additional 1 to 3 inches, isolated storm totals of 6 inches.
- Coastal Carolinas...5 to 10 inches, isolated 15 inches.
- Atlantic Coast from the Florida peninsula through Georgia...4 to 8 inches, isolated 10 inches.

This rainfall may cause life-threatening flash floods.

SURF:

- Large swells are affecting east-facing shores of the Bahamas and the Florida east coast, and will spread northward along the southeastern United States coast during the next few days.
- These swells are likely to cause life-threatening surf and rip current conditions.

TORNADOES:

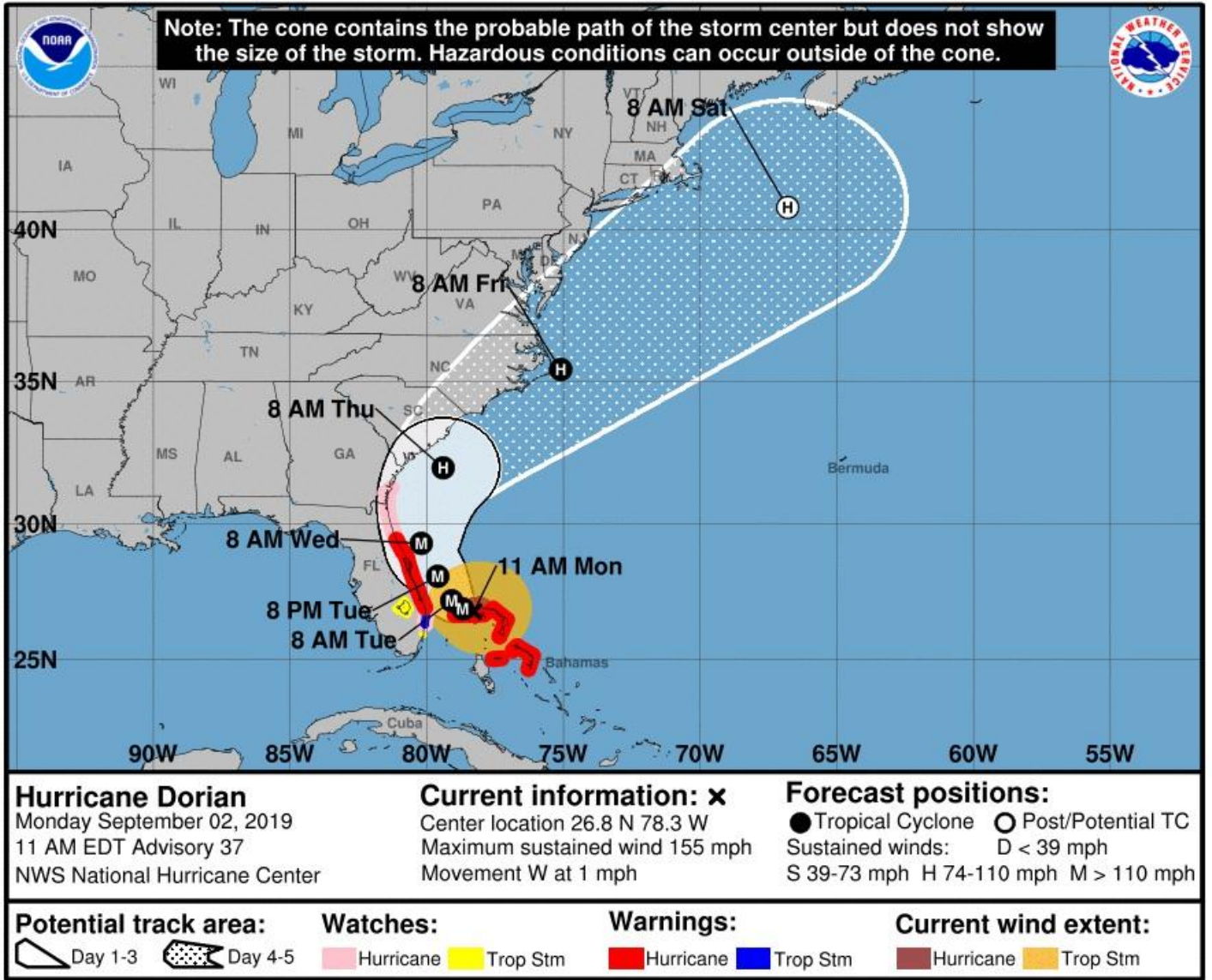
- Isolated tornadoes are possible this afternoon into tonight along the immediate coast of east-central Florida.

Links

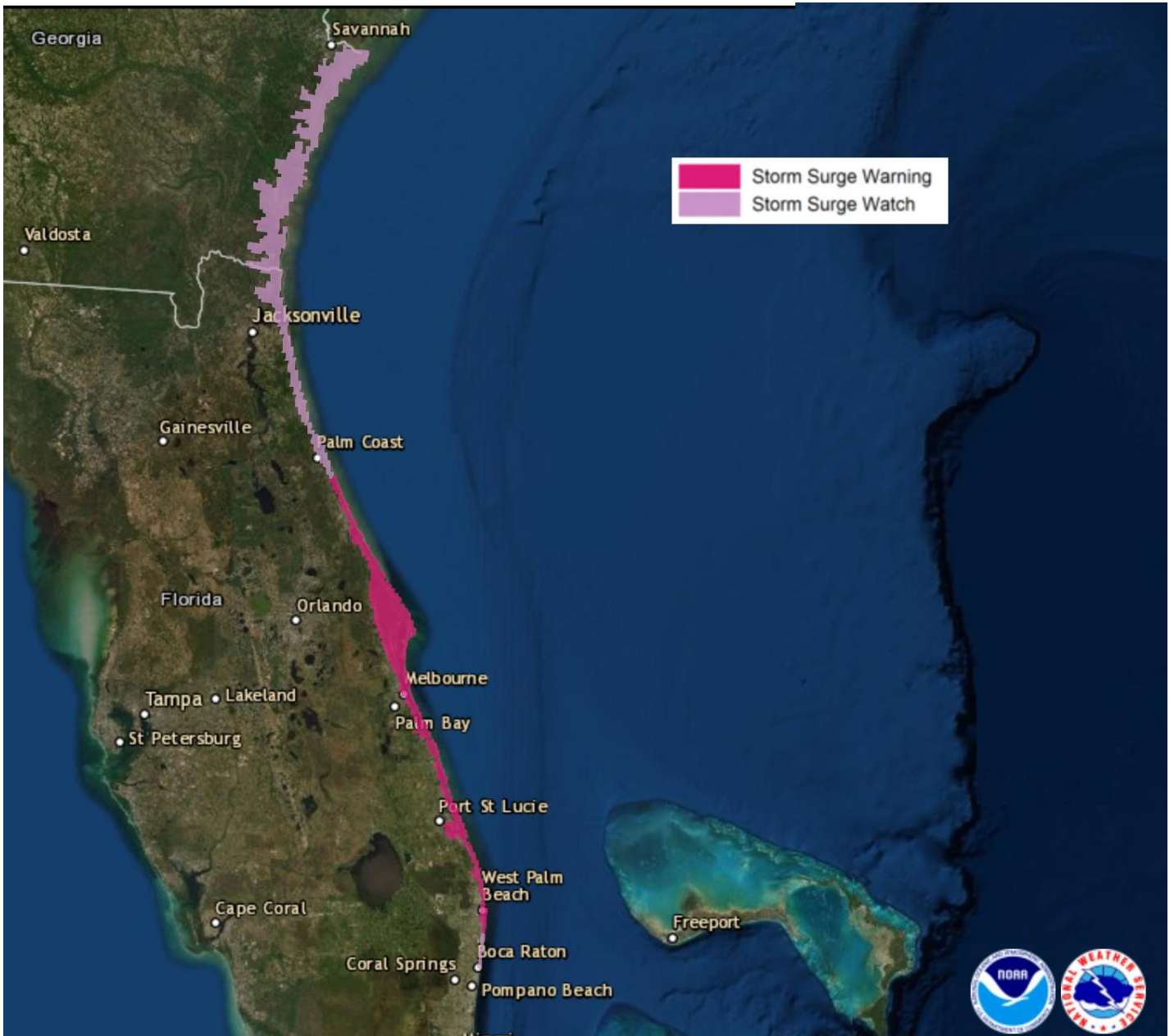
- [NOAA's National Hurricane Center](#)
- [Dorian Key Messages & Graphics](#)
- [National Weather Service](#) - Local Forecast (clickable map)
- [Dorian Satellite Loop](#)
- [NWS Tropical Safety Tips](#)
- [NOAA's National Ocean Service - Dorian QuickLooks](#)
- [NWS Weather Prediction Center - Quantitative Precipitation Forecasts](#)
- [NWS Weather Prediction Center - Excessive Rainfall Outlooks](#)
- [NWS Weather Prediction Center - Mesoscale Precipitation Discussions](#)
- [NWS National Hurricane Center - Atlantic Operations Twitter Feed](#)
- [NOAA Office of Marine and Aviation Operations - NOAA Hurricane Hunters Twitter Feed](#)
- [NOAA's National Environmental Satellite, Data and Information Service - NOAA Satellites Twitter Feed](#)
- [NOAA's National Ocean Service - Twitter Feed](#)
- [NWS Weather Prediction Center - Twitter Feed](#)
- [NWS Social Media Hub](#)
- [NWS Weather-Ready Nation](#)

Graphics

Five Day Track Forecast for Dorian from NOAA's National Hurricane Center



NOAA's National Hurricane Center Storm Surge Watch and Warning Map



Key Messages from NOAA's National Hurricane Center



Key Messages for Hurricane Dorian

Advisory 37: 11:00 AM EDT Mon Sep 02, 2019

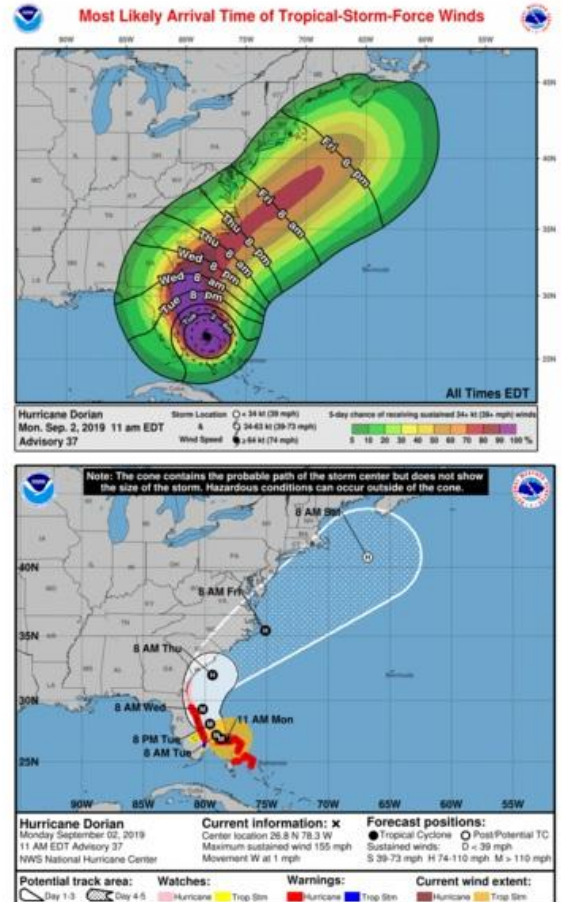


1. A prolonged period of catastrophic winds and storm surge will continue to affect Grand Bahama Island through today and tonight. Everyone there should remain in shelter and not venture into the eye.

2. Life-threatening storm surge and dangerous hurricane-force winds are expected along portions of the Florida east coast and Georgia coast, regardless of the exact track of Dorian's center. Water levels could begin to rise well in advance of the arrival of strong winds. Residents in these areas should follow advice given by local emergency officials.

3. The risk of life-threatening storm surge and hurricane-force winds continues to increase along the coasts of South Carolina and North Carolina. Residents in these areas should follow advice given by local emergency officials.

4. Heavy rains, capable of producing life-threatening flash floods, are expected over northern portions of the Bahamas and coastal sections of the Southeast and lower Mid-Atlantic regions of the United States into Friday.



For more information go to hurricanes.gov

5 Day Forecast Rainfall NOAA's Weather Prediction Center (Through 8am ET Saturday September 7th, 2019)

