

TROPICAL UPDATE

5 AM EDT

Monday, September 11, 2017

Hurricane Irma, Hurricane Jose, Tropical Wave

This update is intended for government and emergency response officials, and is provided for informational and situational awareness purposes only. Forecast conditions are subject to change based on a variety of environmental factors. For additional information, or for any life safety concerns with an active weather event please contact your County Emergency Management or Public Safety Office, local National Weather Service forecast office or visit the National Hurricane Center website at www.nhc.noaa.gov.

Atlantic Basin Satellite Image

06:00 11-SEP-2017 GMT Copyright © 1998-2016 WSI Corporation http://www.wsi.com



Hurricane Irma 5 AM EDT Mon Sep 11 2017 Position 28.9 N 82.6 W Maximum Winds 75 mph Gusts 90 mph Movement NNW at 18 mph Minimum Pressure 965 mb (28.49 inches) Blue Marble basemap imagery courtesy NASA

Satellite 5:16 AM EDT 5:16 AM EDT

- Wunderground.com

State radar as of 07:35am EDT Monday



Future Radar 12pm Today



Future Radar 3pm Today











Sustained Wind Speeds: tropical storm >= 34kt/39mph strong tropical storm >= 50kt/58mph hurricane >= 64kt/74mph



Zoomable, interactive map: http://www.weather.gov/srh/tropical? office=mfl#





Storm Surge Warning Zoomable maps available here: <u>http://www.nhc.noaa.gov/</u> <u>refresh/graphics_at1+shtm</u> <u>l/154730.shtml?wsurge#c</u>

ontents

Probabilistic Storm Surge http://slosh.nws.noaa.gov /psurge2.0/index.php?S=Ir ma2017&Adv=34&Ty=e10 &Z=z4&D=agl&Ti=cum&M sg=17&Help=about





A widespread 8-12" has fallen across the Peninsula and Northeast Florida, with isolated totals near 15".



Flash Flood Watches for the entire Big Bend, Northeast Florida, and much of the East Coast.

Sc. Petersl

Hialeah Hiami

River Flood Warnings through this week, river levels are rising.

Numerous Areal Flood Warnings with the occasional Flash Flood Warning can be expected through this morning in Northeast Florida.



Extensive river flooding expected across much of the Florida Peninsula





NOAA/NWS/Storm Prediction Center

Updated: 20170911/0510 UTC



Hurricane Jose 5 AM EDT MonSep 112017 Position 24:4[NI68:6W Maximum Winds 105 mph Gusts 125 mph Movement NNW at 10 mph Minimum Pressure 968 mb (28:57/inches)

Blue Marble basemap imagery courtesy NASA

Satellite 10:49 AM UTC 6:49 AM EDT

wunderground.com





Hurricane JOSE Model Intensity Guidance

Initialized at 18z Sep 10 2017

Levi Cowan - tropicaltidbits.com





Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida







Summary

- At 5am EDT Sunday, Hurricane Irma was moving north-northwest at 18 mph with maximum sustained winds of 75 mph, making Irma a category 1 storm on the Saffir-Simpson hurricane wind scale.
- Irma is expected to weaken to a tropical storm later this morning as the center of the storms remains inland and shear and dry air continue to weaken the system.
- The center of Irma was located about 30 miles east-southeast of Cedar Key, FL as of 5 am EDT. Irma is accelerating northwest and the center will move into Southwest Georgia this afternoon.
- Tropical Storm force winds are expected to continue through the day in North Florida. Winds will drop below tropical storm force this afternoon in Central Florida, and already have in South Florida.
- At 5 am EDT Saturday, Hurricane Jose was located about 225 miles northeast of Grand Turk Island.
- Maximum sustained winds are near 105 mph, which is a Category 2 on the Saffir-Simpson Hurricane Wind Scale.
- Jose has weakened but is expected to remain a hurricane while it moves very little over the next couple of days. By the end of the week, Jose may begin to move west and north, but there is great uncertainty in the specific track.
- Shower and thunderstorm activity associated with a tropical wave located several hundred miles southwest of the Cabo Verde Islands has not increased in organization over the last day.
- Environmental conditions are expected to support at least some additional development, and there is a 40% chance that a tropical depression could form in a few days while the system moves generally northwestward over the eastern Atlantic Ocean.

Florida Outlook

- The main impacts from Irma today will be across Northeast Florida and the Big Bend today. Conditions continue to improve in South Florida, and will by this afternoon in Central Florida.
- A **Hurricane Warning** remains in effect all counties east of the Apalachicola River in the Big Bend, into Northeast Florida, and for all counties in the Peninsula north of a line from Pasco to Brevard County.
- A **Storm Surge Warning** remains in effect from the Ochlockonee River southward to Cape Sable. On the East Coast, from the GA/FL border southward to Jupiter Inlet.
- A **Tropical Storm Warning** is in effect for Bay, Calhoun, Gulf, Holmes, Jackson, Walton, and Washington counties. In addition, counties from Lake Okeechobee north to a line from Pasco and Brevard.
- Additional rainfall totals of 2-4" are possible in North Florida. Widespread 10-12" of rain has fallen in the Peninsula and Northeast Florida, with isolated totals over 15".
- Flash Flood Watches are in effect for the Big Bend, Northeast Florida, and Central Florida. Significant river and flash flooding is ongoing in Northeast Florida!
- Significant river flooding is expected in the coming days in many rivers of Central and Southwest FL. River levels there continue to rise, and are already in major flood stage in Northeast Florida.
- Some storm surge continues on the East Coast and Northeast Florida, but is starting to recede in the Keys and Southeast Florida.
- Isolated tornadoes remain possible through the morning in Northeast Florida. However, the threat should greatly diminish by this afternoon. A **Tornado Watch** is in effect through 11am for NE FL.
- Hurricane Jose does not pose a threat to Florida within the next 5 days, but should be monitored.

Another briefing packet will be issued Monday afternoon. For more information, visit the NHC website at <u>www.hurricanes.gov</u>.



TROPICAL UPDATE

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State Meteorological Support Unit

Florida Division of Emergency Management

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