



TROPICAL UPDATE



12 PM EDT

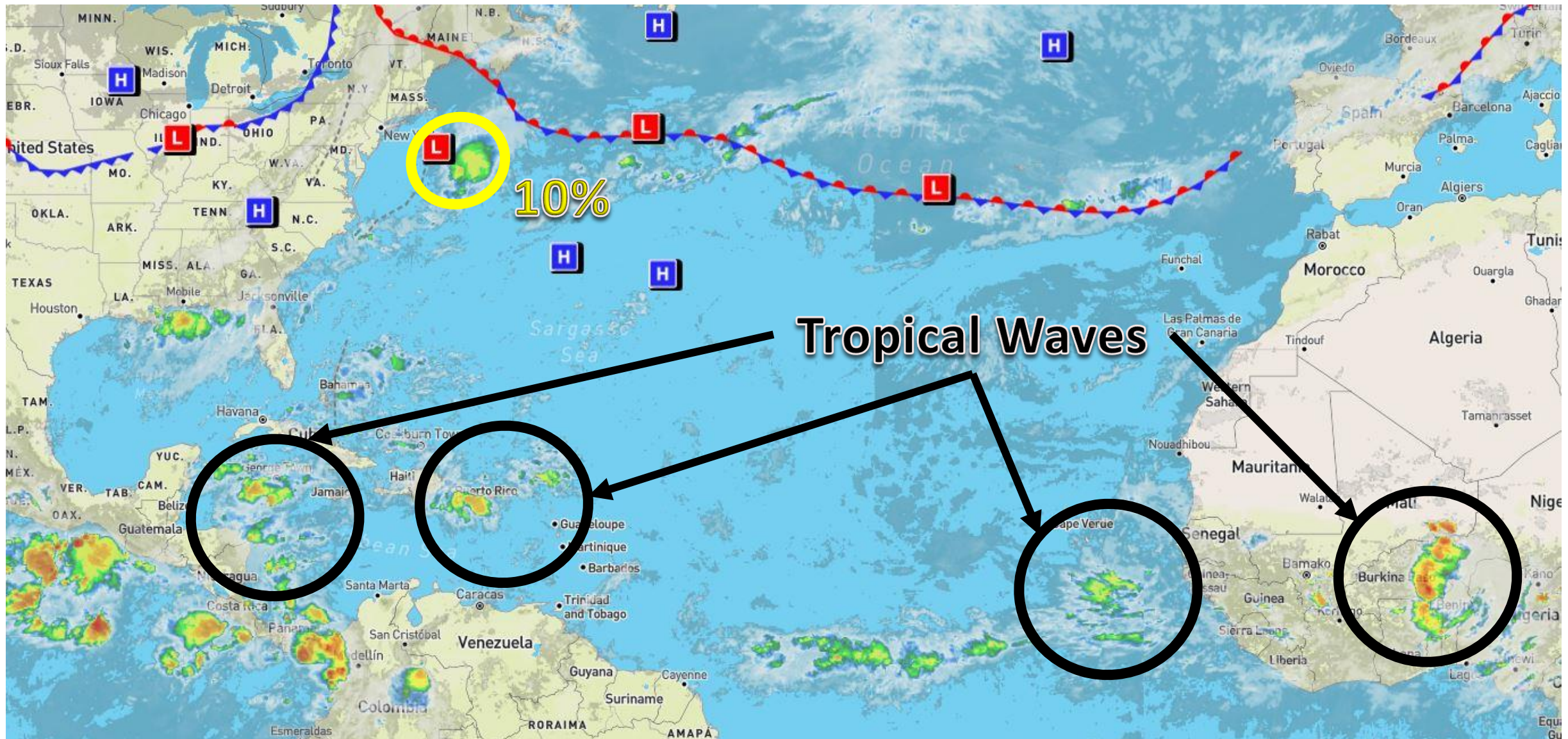
Monday, August 19, 2019

Invest 97L (10%) & Panhandle and West
Coast Flooding

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.hurricanes.gov.

Atlantic Basin Satellite Image

Chance of development: — None — Low — Medium — High





Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



www.hurricanes.gov

Disturbance 1

1
(10%)

1. Thunderstorm activity has decreased in association with a low pressure system located a couple of hundred miles south of Nantucket, Massachusetts. Significant development of this system is now unlikely as it moves east-northeastward away from the United States.

*Formation chance through 48 hours...low...10 percent.

*Formation chance through 5 days...low...10 percent.

Tropical development not expected over the next 5 days.

8:00 am EDT
Mon Aug 19 2019

100W 90W 80W 70W 60W 50W 40W 30W 20W

25N

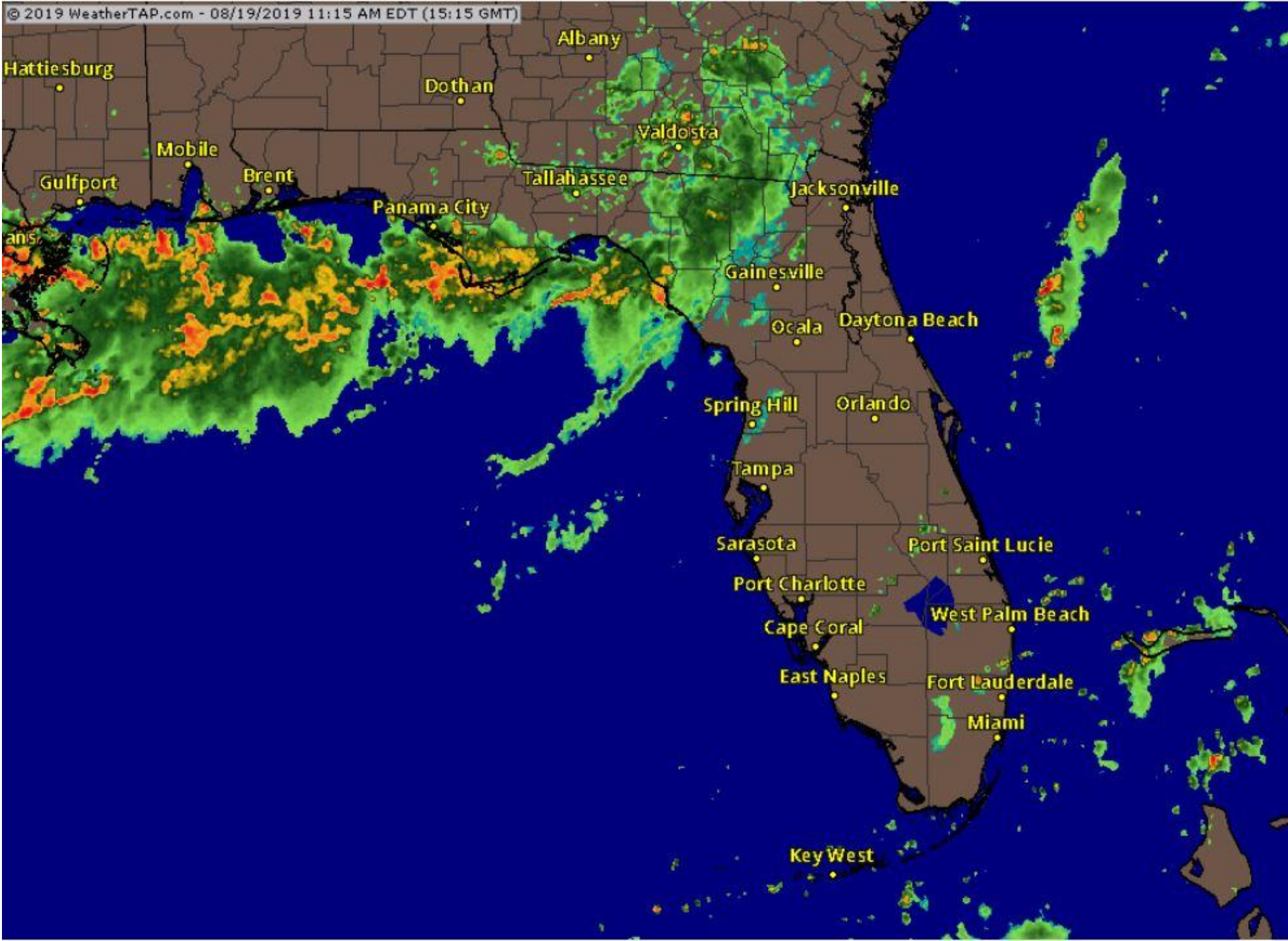
15N

5N

Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone or Remnants



Florida Radar as of 11:15 AM EDT

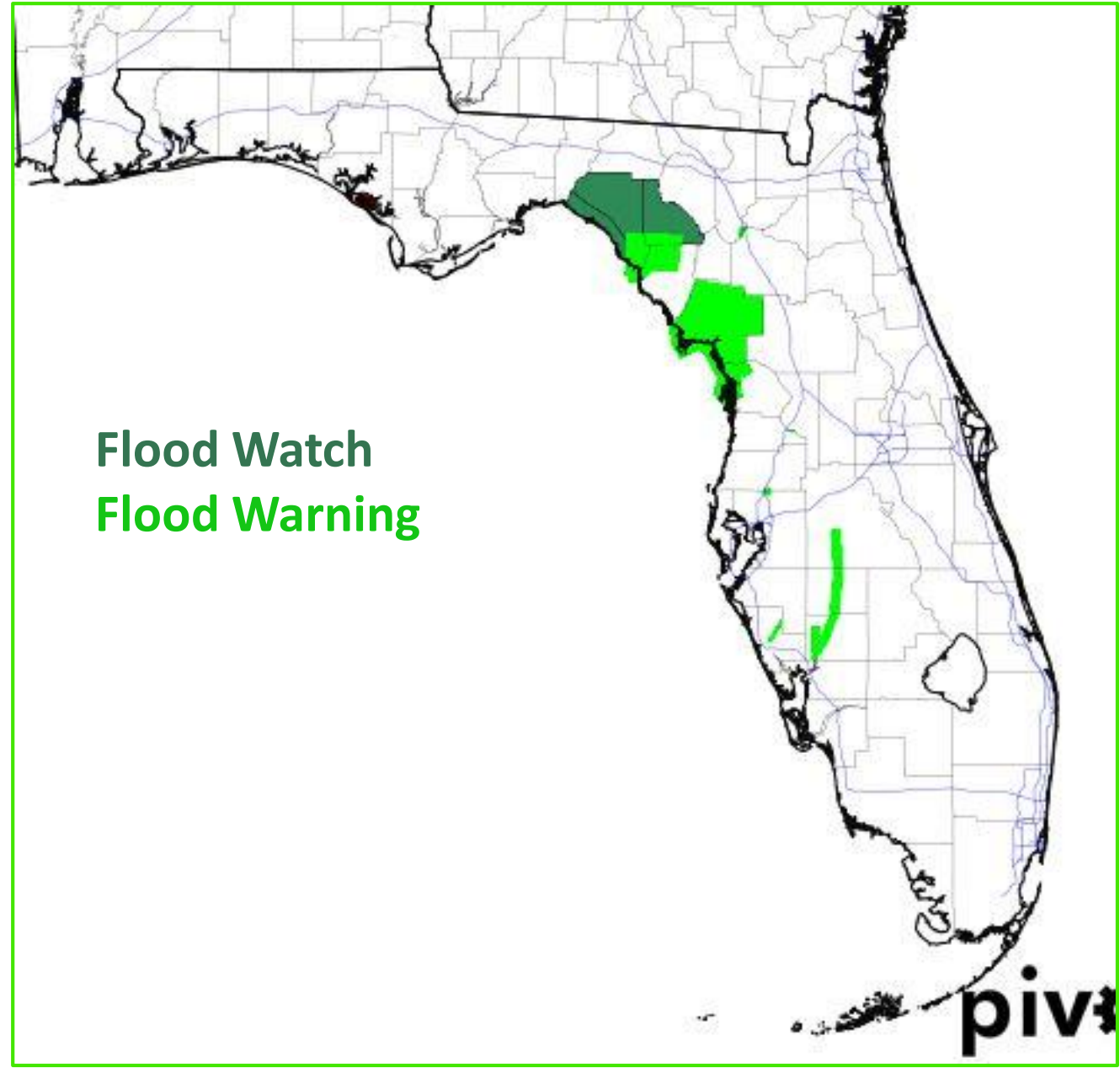
Showers and thunderstorms, some with locally heavy rainfall, continue to move onshore in the eastern Panhandle and Big Bend. Additional development is possible this afternoon across inland areas.

Flood Alerts

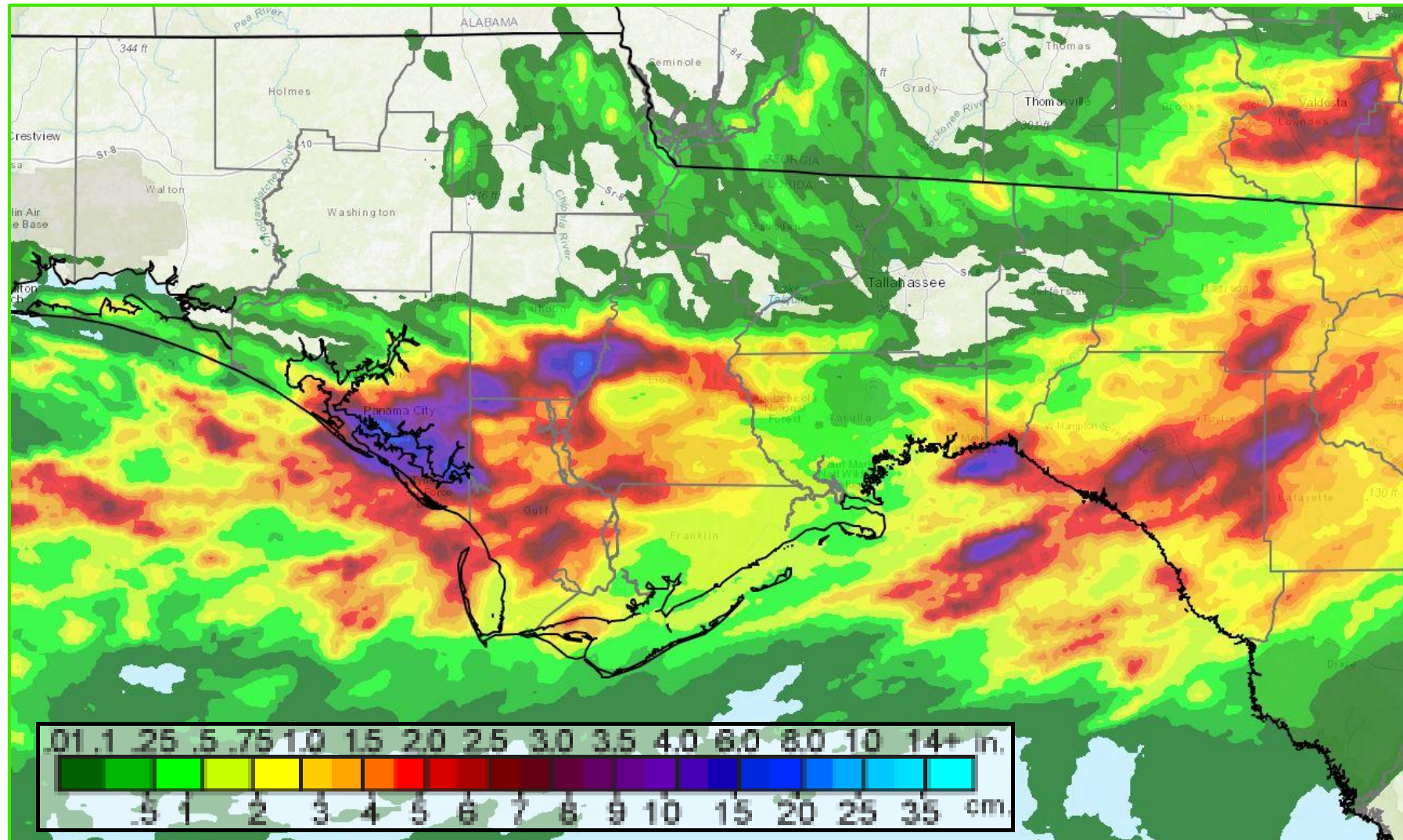
Flood Watches are in effect for Taylor, & Lafayette County until 1400 ET.

Areal Flood Warnings continue for parts of Taylor, Dixie, Lafayette, Levy, and Citrus Counties.

Several River Flood Warnings are in effect across the western half of the Peninsula.



Estimated Rainfall Totals So Far Today



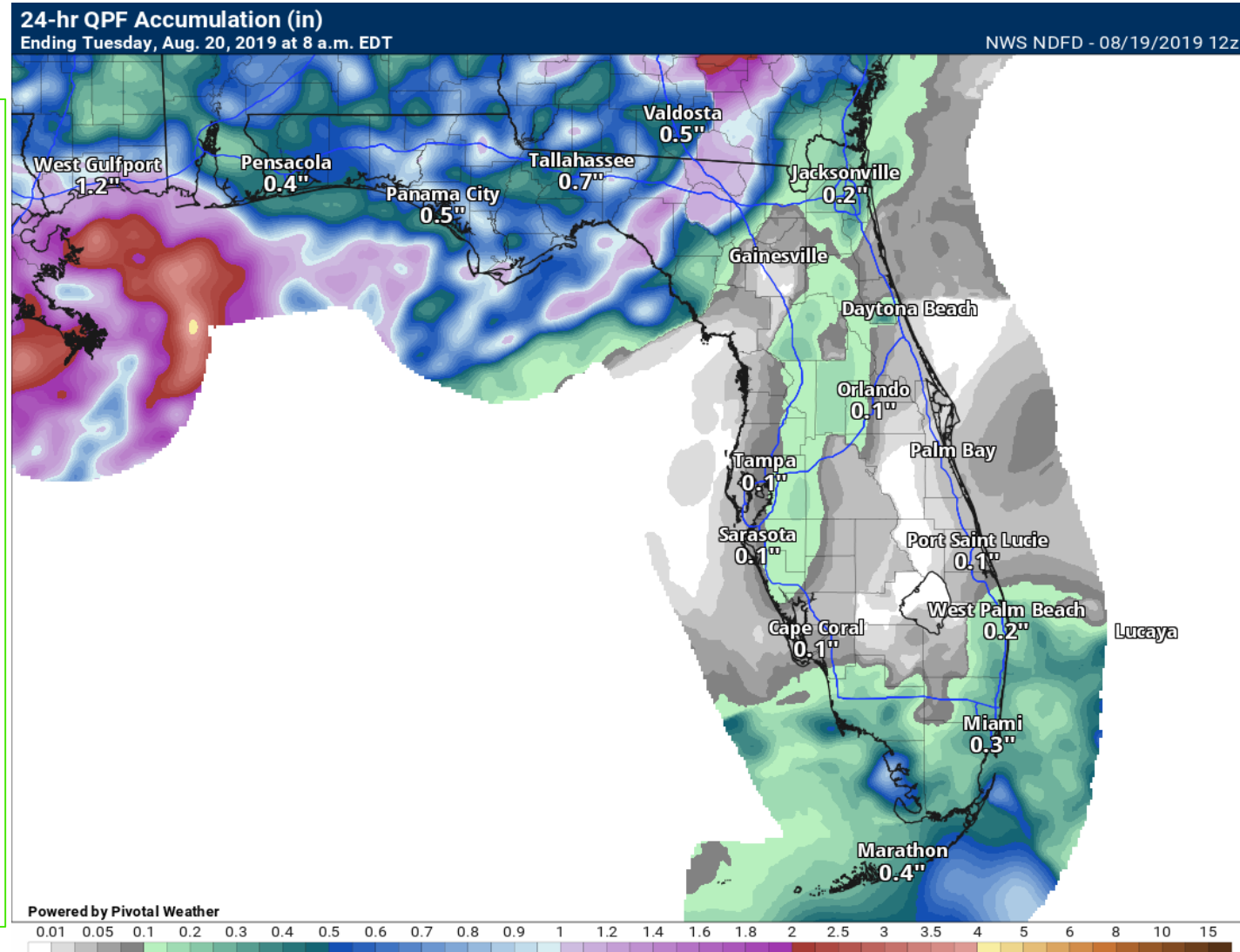
Heavy rain again fell overnight and this morning across Taylor and Lafayette County (additional 2-4")

The highest totals so far today are in southeastern Bay County, with 5-8" having fell in the last 6 hours.

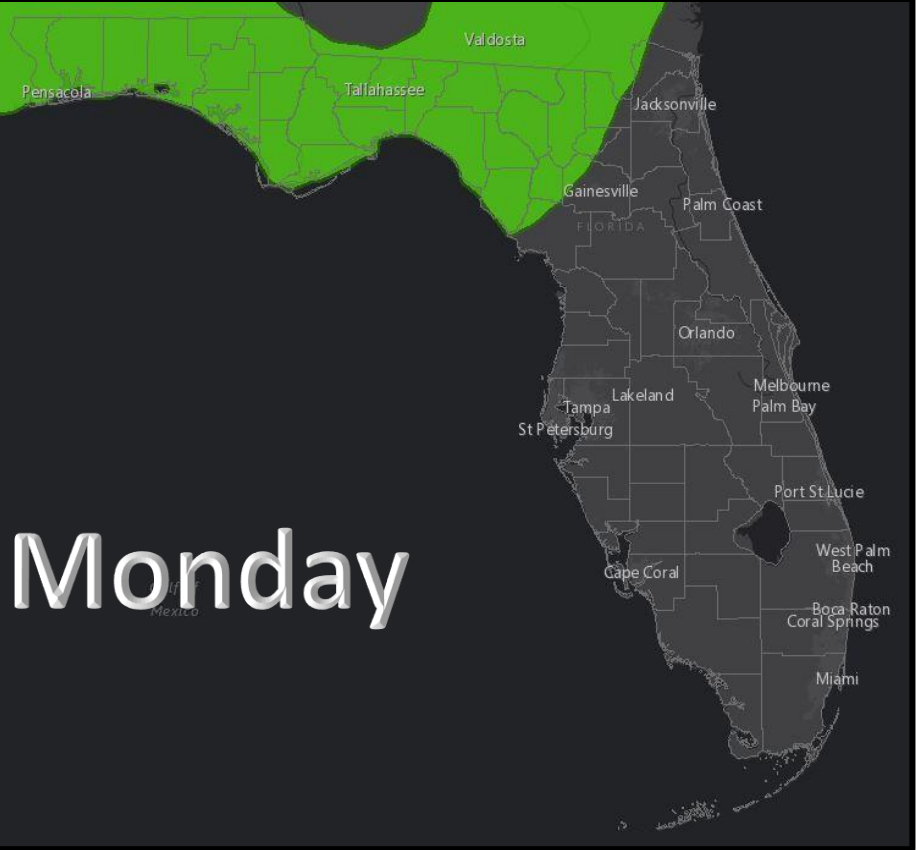
Rainfall Totals Next 24 Hours

The heavy rainfall threat continues today in the Panhandle and Big Bend, with an additional 1-3" expected. Locally higher amounts of 4-6" can't be ruled out.

Rain chances decrease after sunset with less coverage tonight than previous nights. Rain chances tomorrow are isolated, with more typical hit-and-miss summer thunderstorms.



Monday



Flash Flood Outlook

The Flash Flood Threat continues today across North Florida. The threat level has been reduced by one in the mid-day update from the Weather Prediction Center.

There is no flash flood threat for Tuesday or Wednesday!

**MARGINAL
(MRGL)**

**Isolated flash
floods possible**

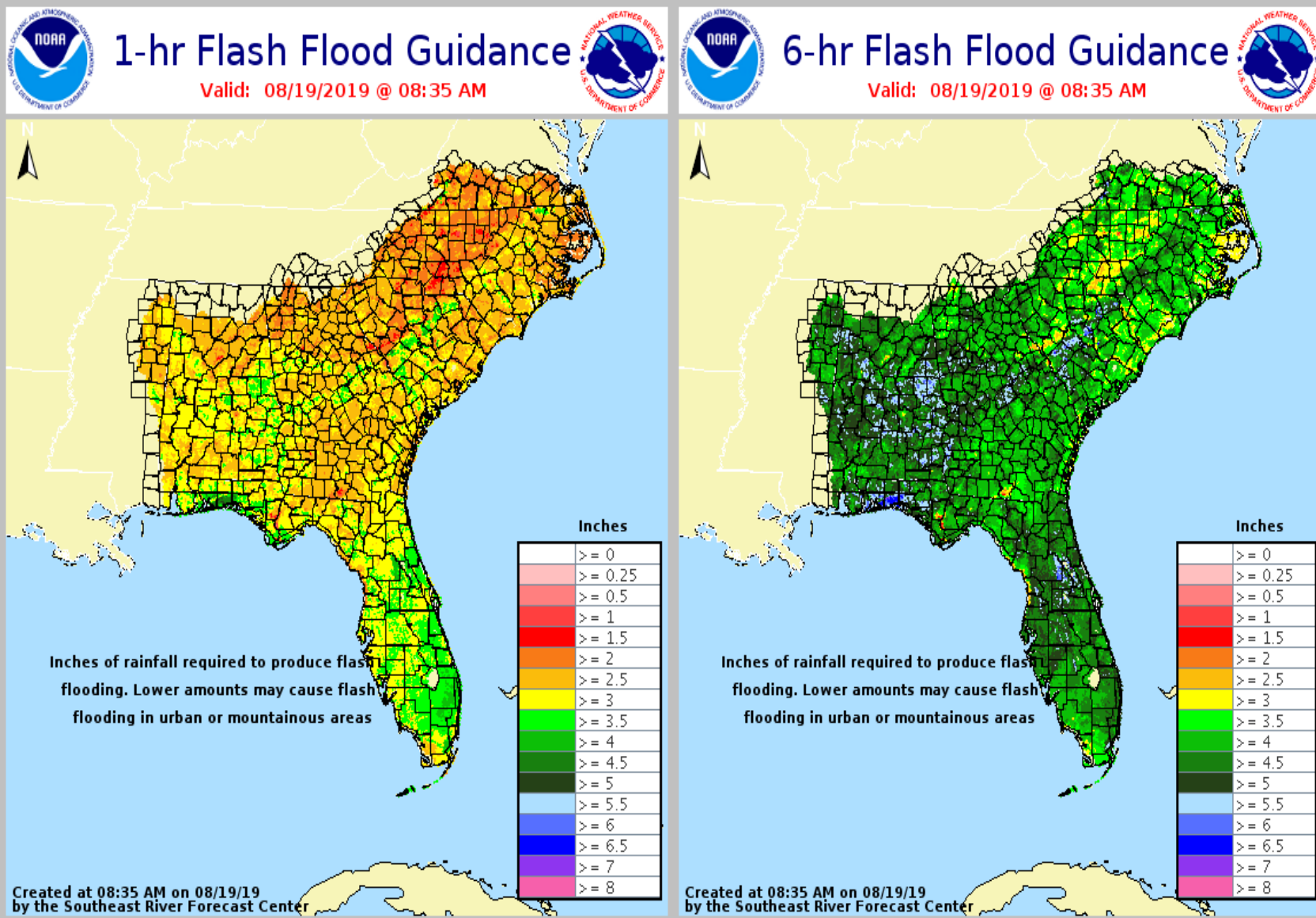
Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.

**SLIGHT
(SLGT)**

**Scattered flash
floods possible**

Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.

Rainfall Needed to Cause Flash Flooding

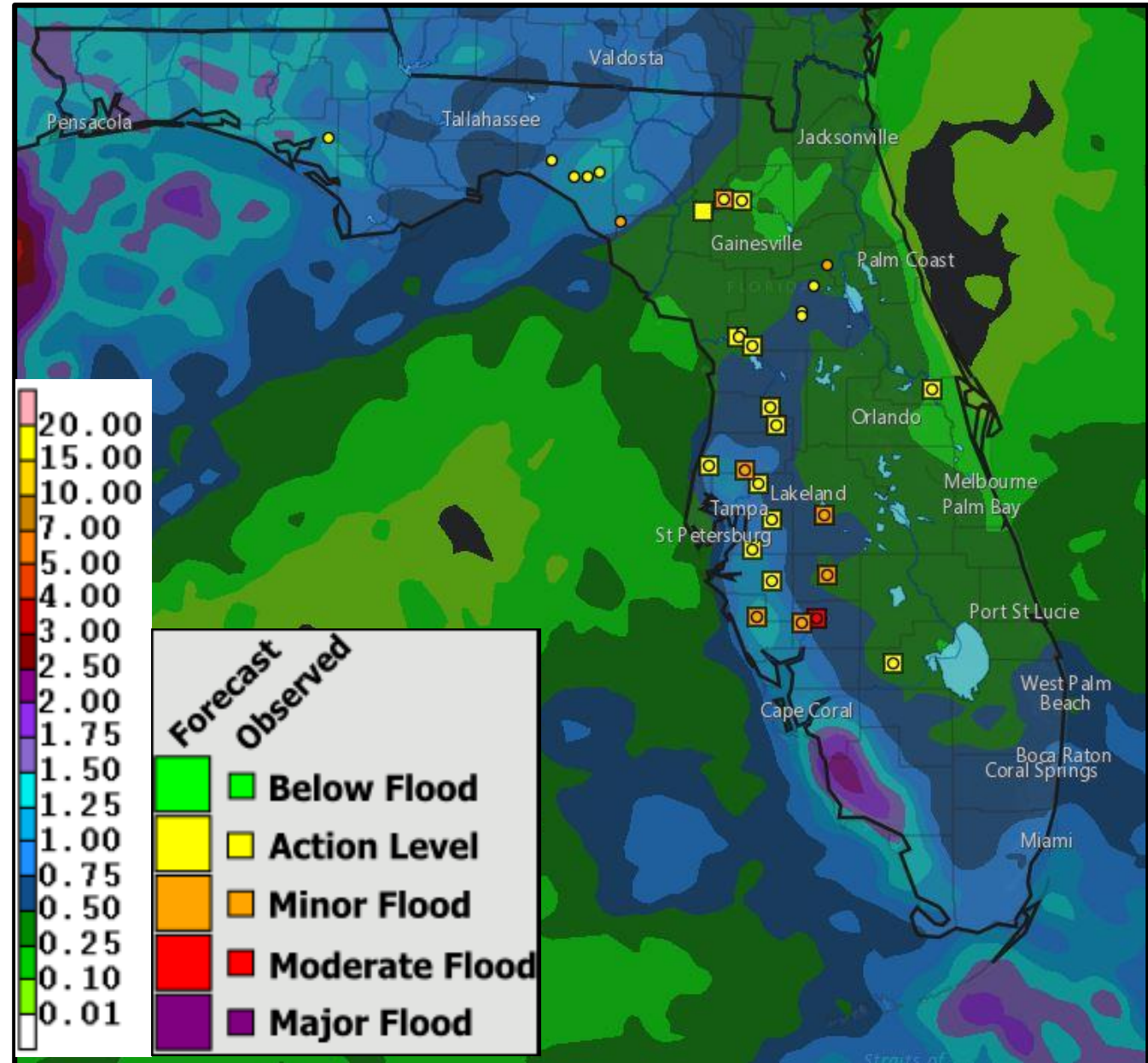


In the eastern Panhandle, Big Bend, and Nature Coast, it will only take about 2" within 1 hour or 3-4" with 6 hours to produce flash flooding due to extremely saturated conditions.

Current/Forecast River Statuses and 3-Day Rainfall

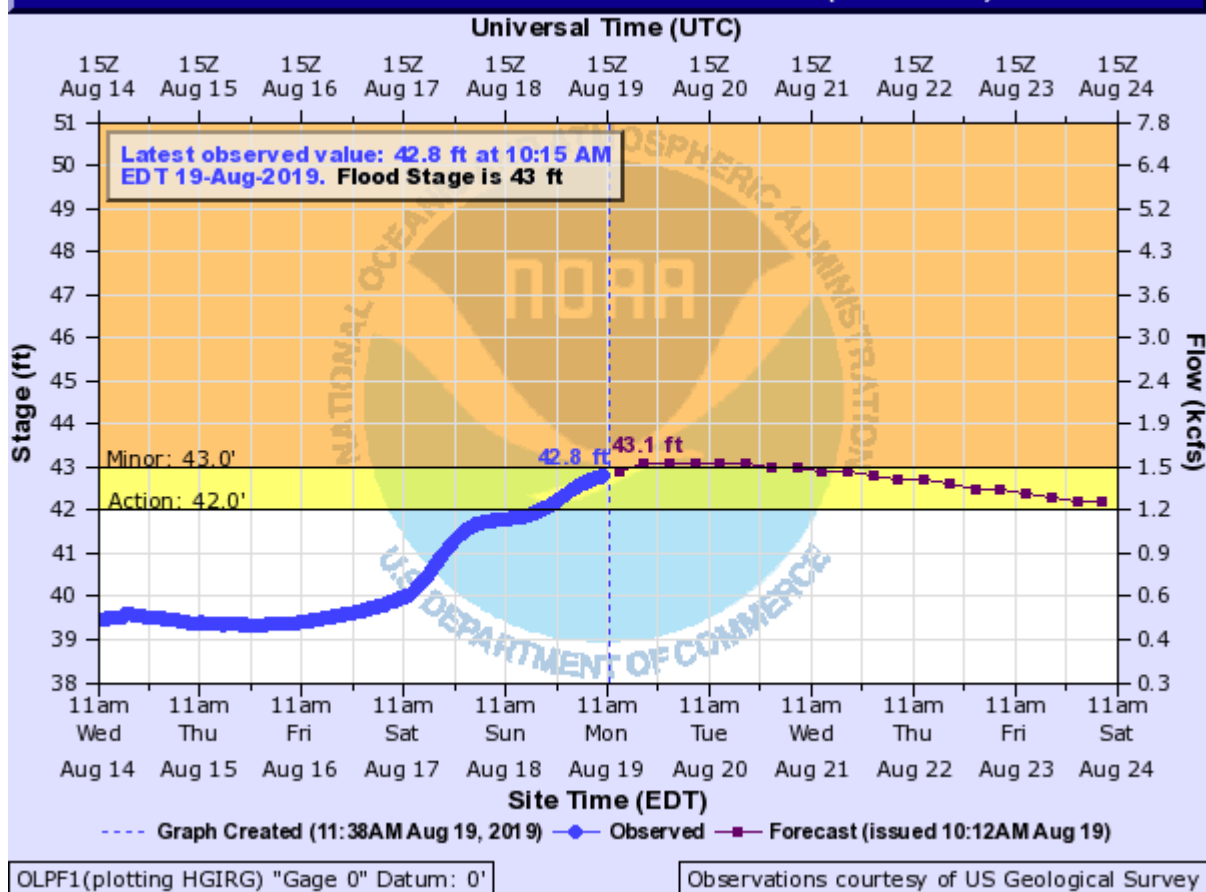
Several River Flood Warnings remain in effect across West Central Florida.

In general, after today, rainfall totals each day are not expected to contribute to rising river levels (0.5"-1").



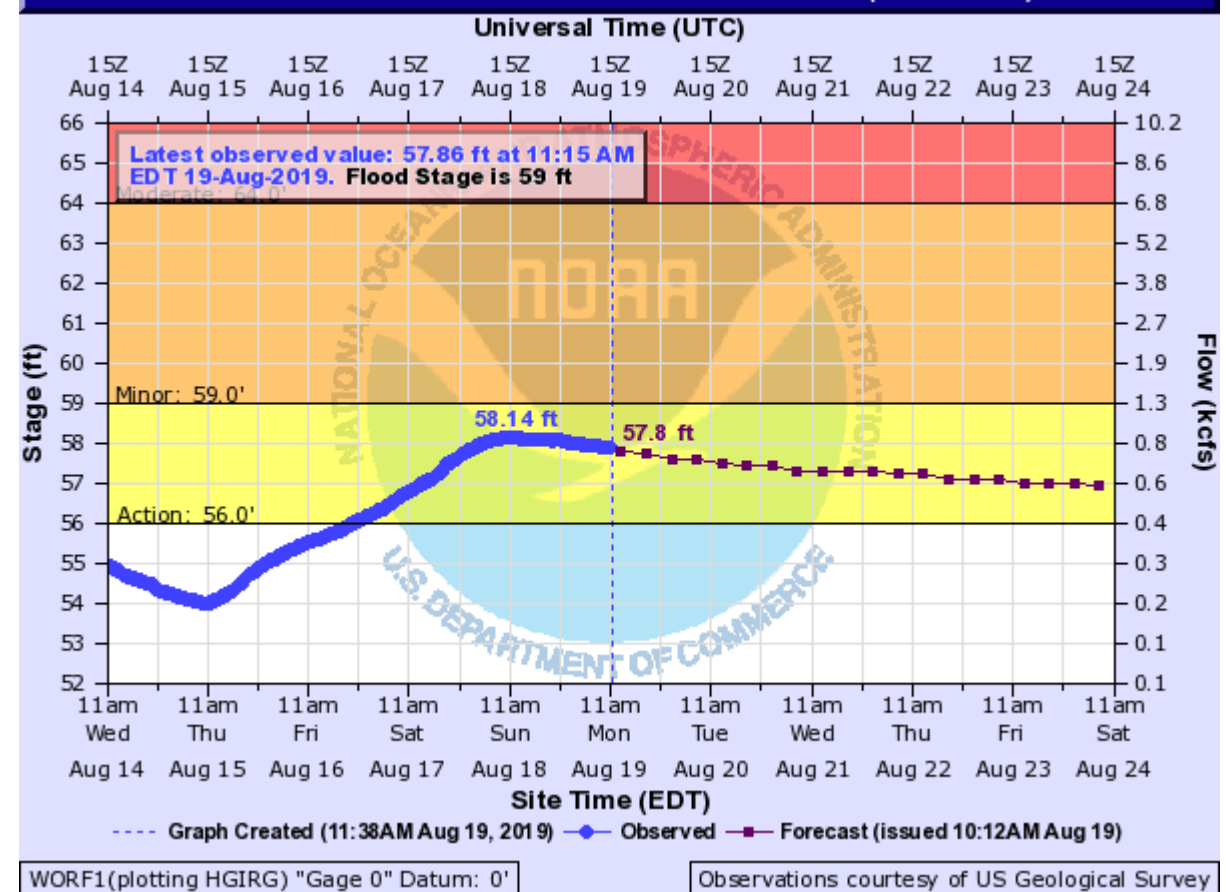
Current and Forecast Hydrographs

SANTA FE RIVER AT O'LENO STATE PARK (IN NAVD88)



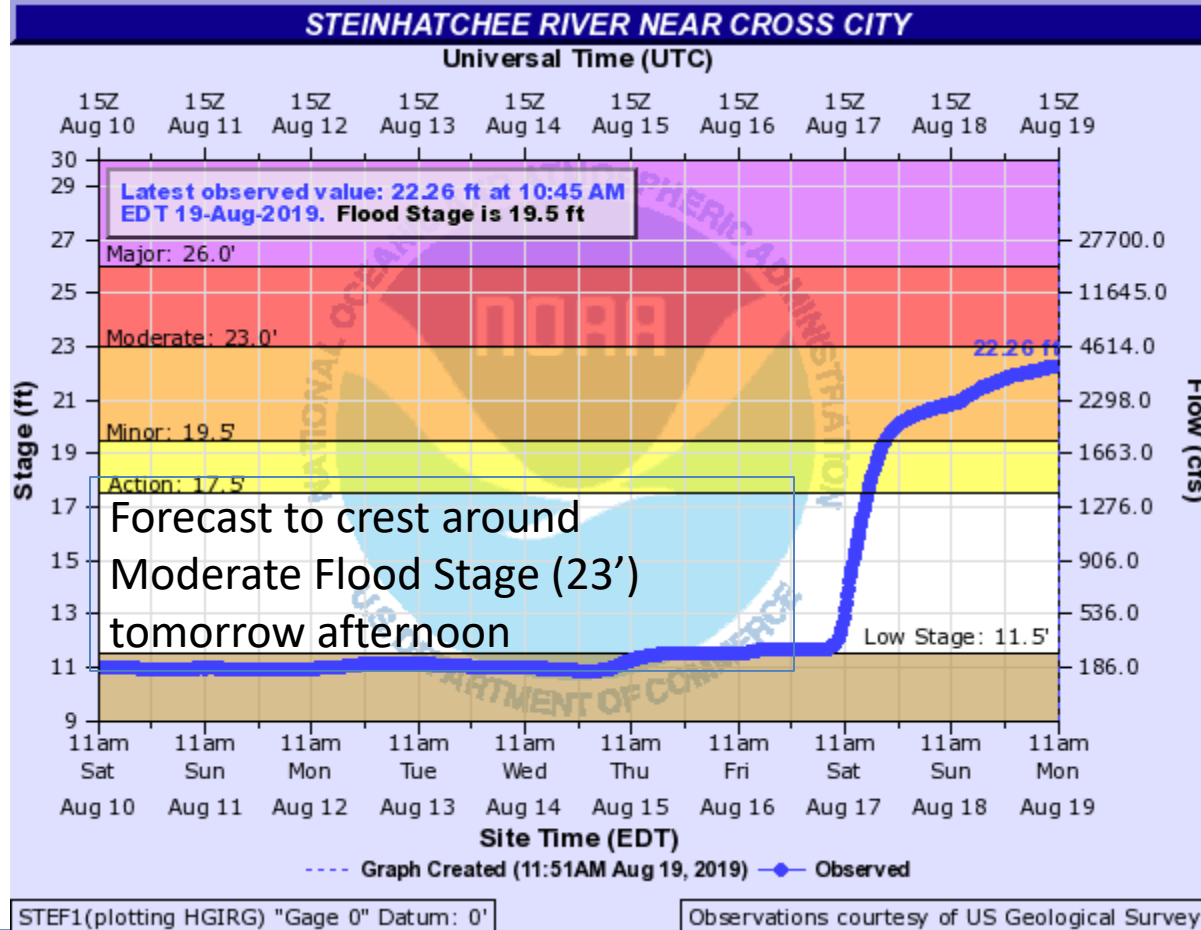
- 45 - Numerous walking trails in O'leno State Park are flooded on the Alachua County side of the river. Flooding begins to affect local roads north of Buzzard Roost Prairie in Columbia County.
- 43 - Access to river gage becomes limited as the Bible Camp Road boat ramp becomes flooded and the last half mile of Bible Camp Road begins to flood in Columbia County. Overland flooding begins past the Santa Fe River sink in the park and will cut-off access road to south end of the park.
- 42 - Boat ramp at the end of Bible Camp Road begins to flood.

SANTA FE RIVER AT WORTHINGTON SPRINGS (IN NAVD88)

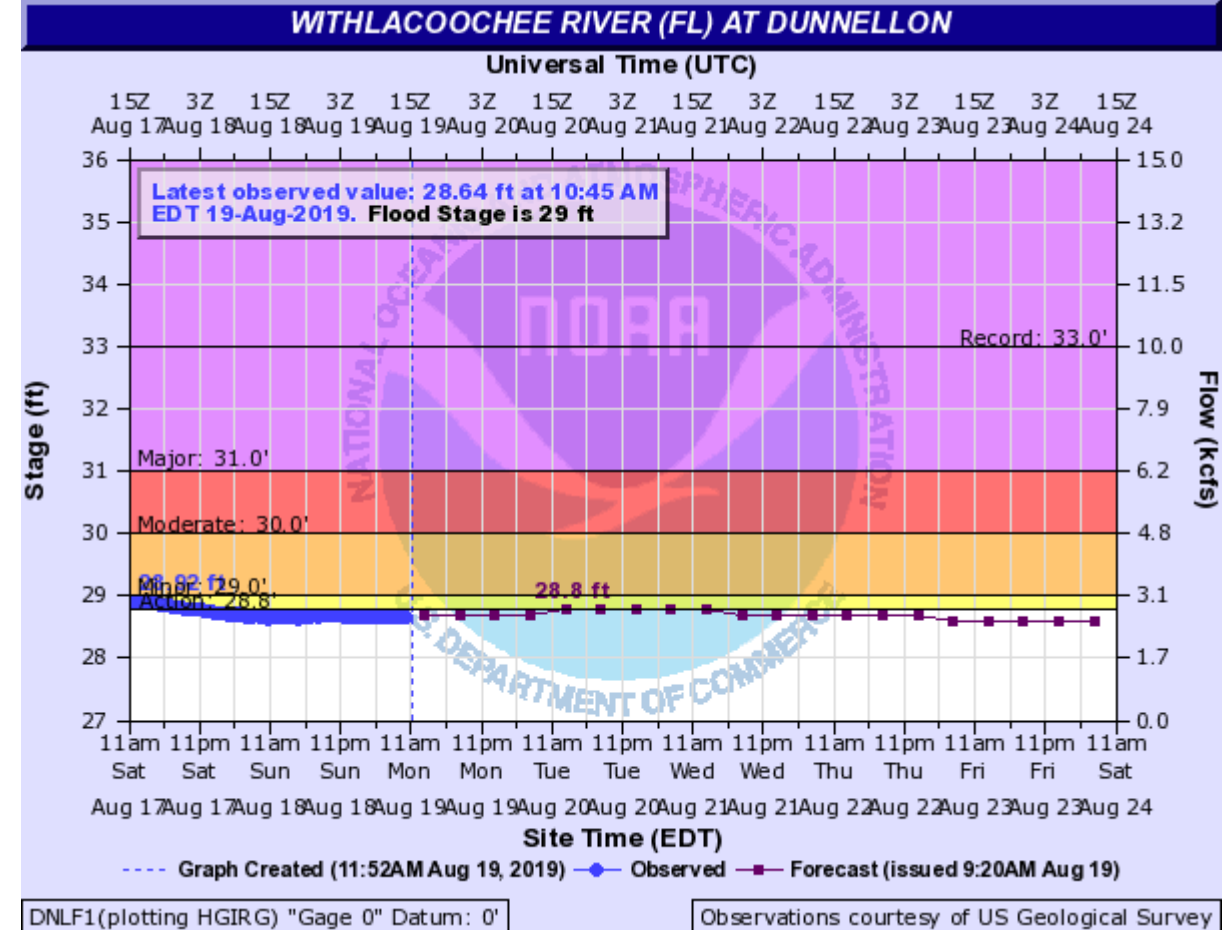


- 60 - A driveway near Southwest 102nd Court in Union County begins to flood at this level. Flooding along the river continues to impact boat ramps, docks and campgrounds in the area.
- 59 - Chastain-Seay Park in Worthington Springs is generally closed to the public as access roads within the park become flooded.
- 58 - Picnic Areas and campsites at Chastain-Seay Park in Worthington Springs begin to flood.
- 56 - The boat ramp and floating dock at Chastain-Seay Park in Worthington Springs begin to flood.

Current and Forecast Hydrographs

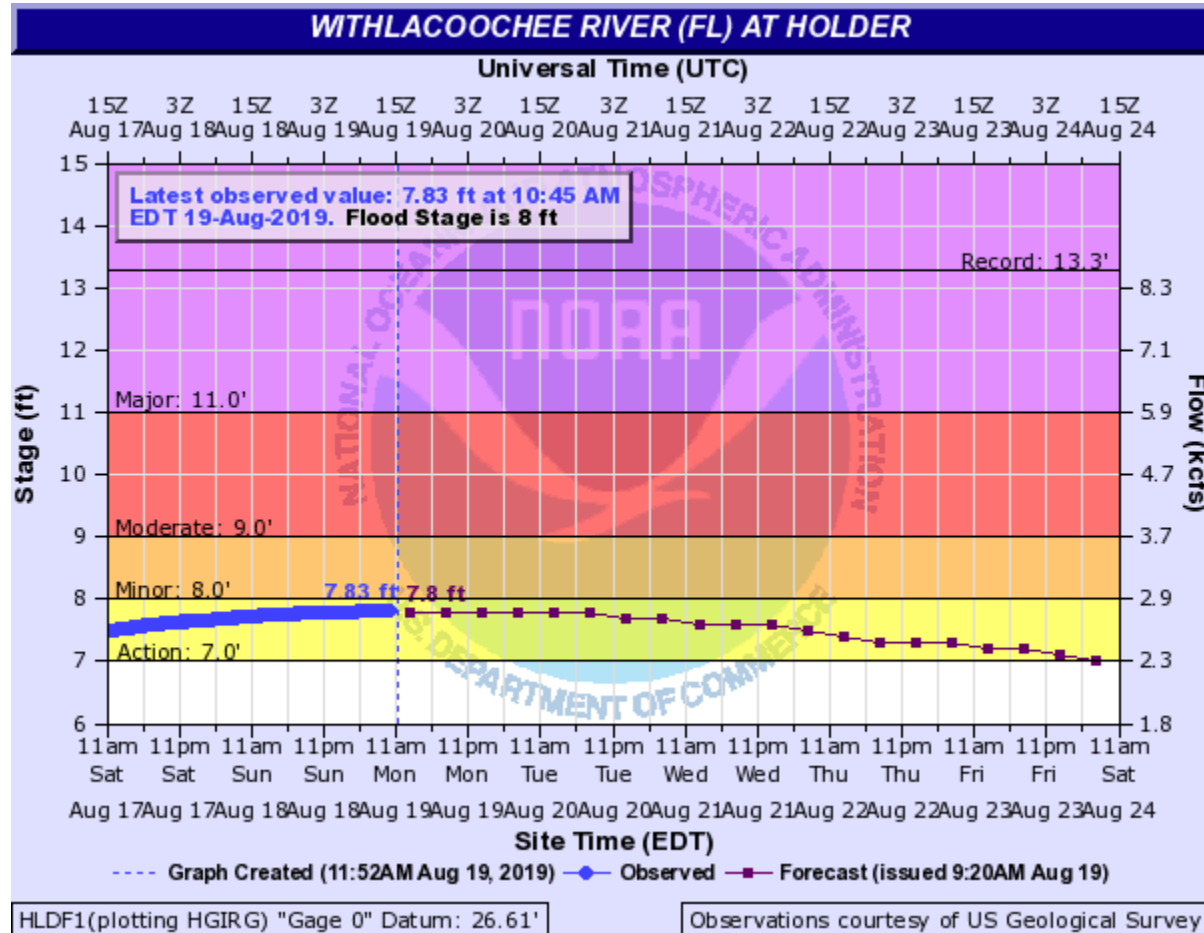


- 23 - Water has flooded all of River Road NE and Ancient Oaks private roads up to 3 feet deep in some areas. All houses and mobile homes now have water flowing underneath. Water is also flooding property and is under some houses on Cooley Island near Palm Street NE.
- 19.5 - Water begins to flood downstream at Steinhatchee Falls Park. Minor flooding of roads begins along River Road NE. Water will begin to encroach onto the yards of residences in the Ancient Oaks Community in Steinhatchee.
- 16.75 - Steinhatchee Falls Park is subject to closure above this level.

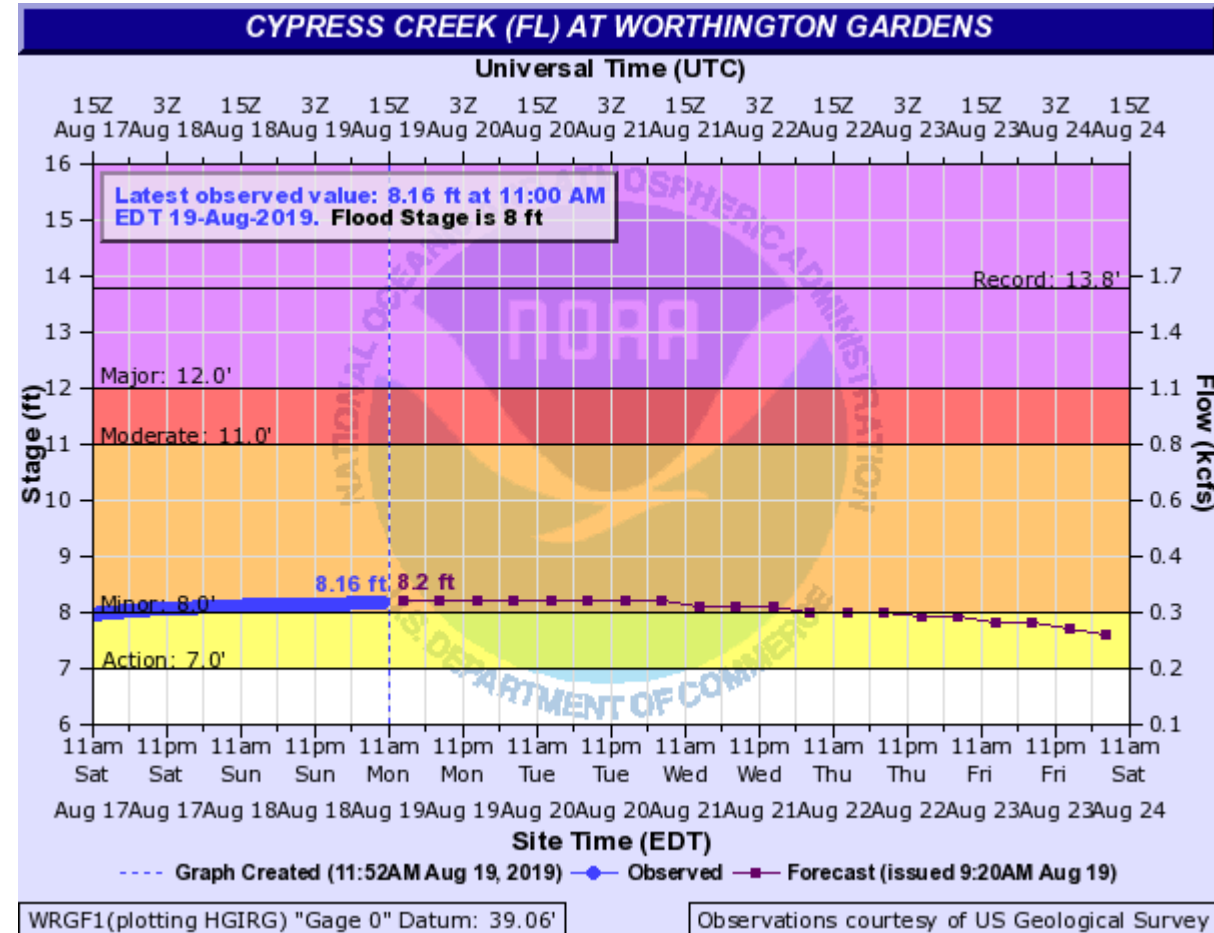


- 29 ft. – Docks and boat ramps flood.

Current and Forecast Hydrographs

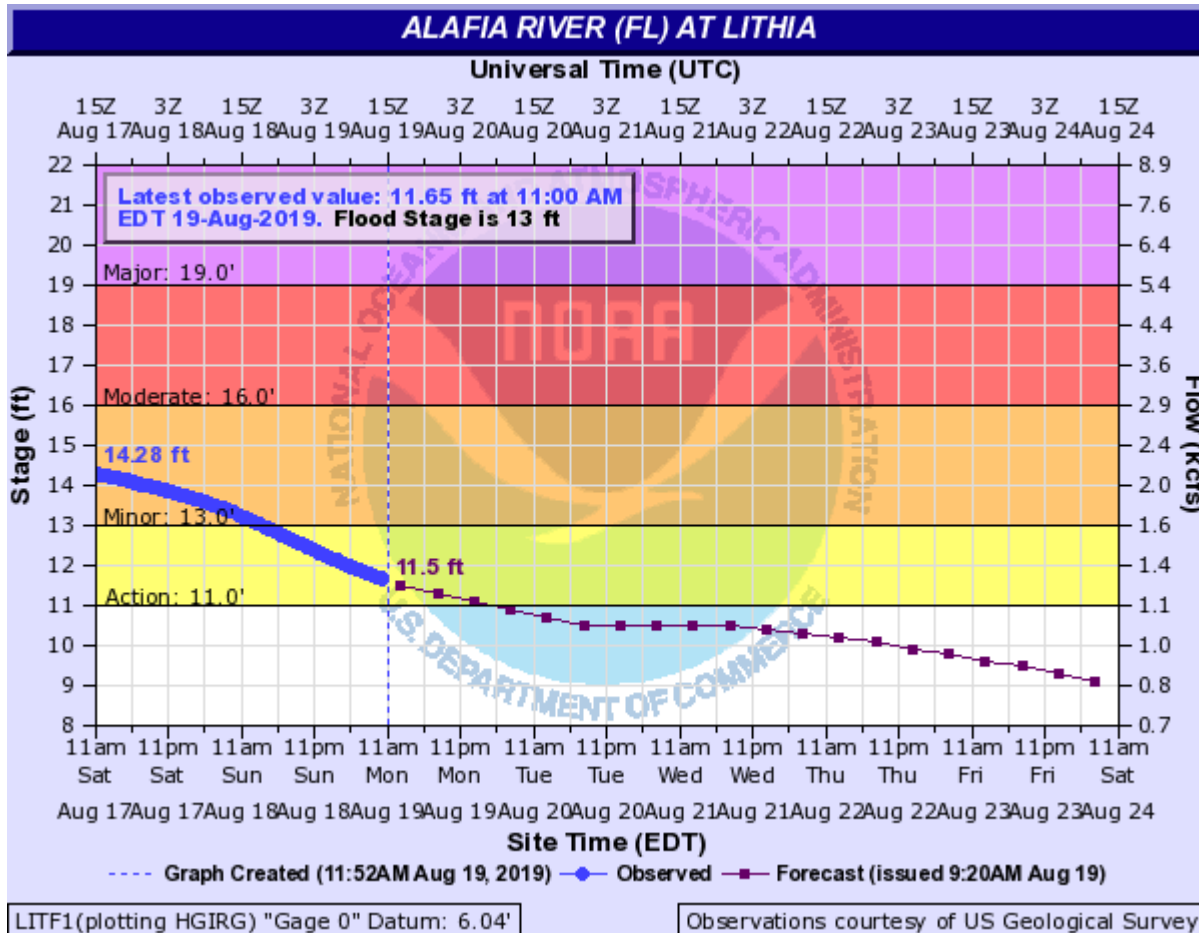


- 9 - Arrowhead subdivision floods with water in homes.
- 8 - Water approaches house foundations in Arrowhead subdivision.

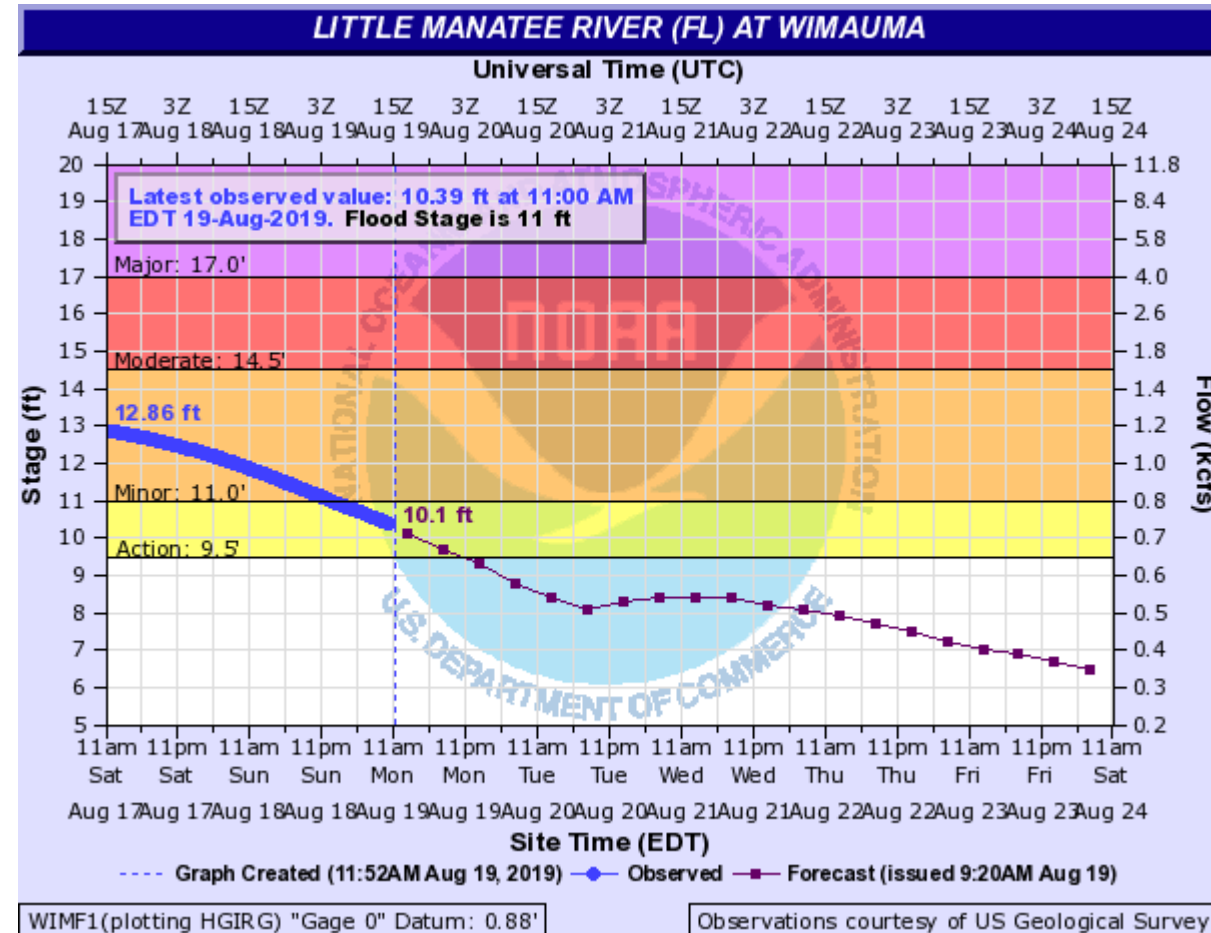


- 8 ft. – Flooding begins at the recreation area on State Road 54.

Current and Forecast Hydrographs

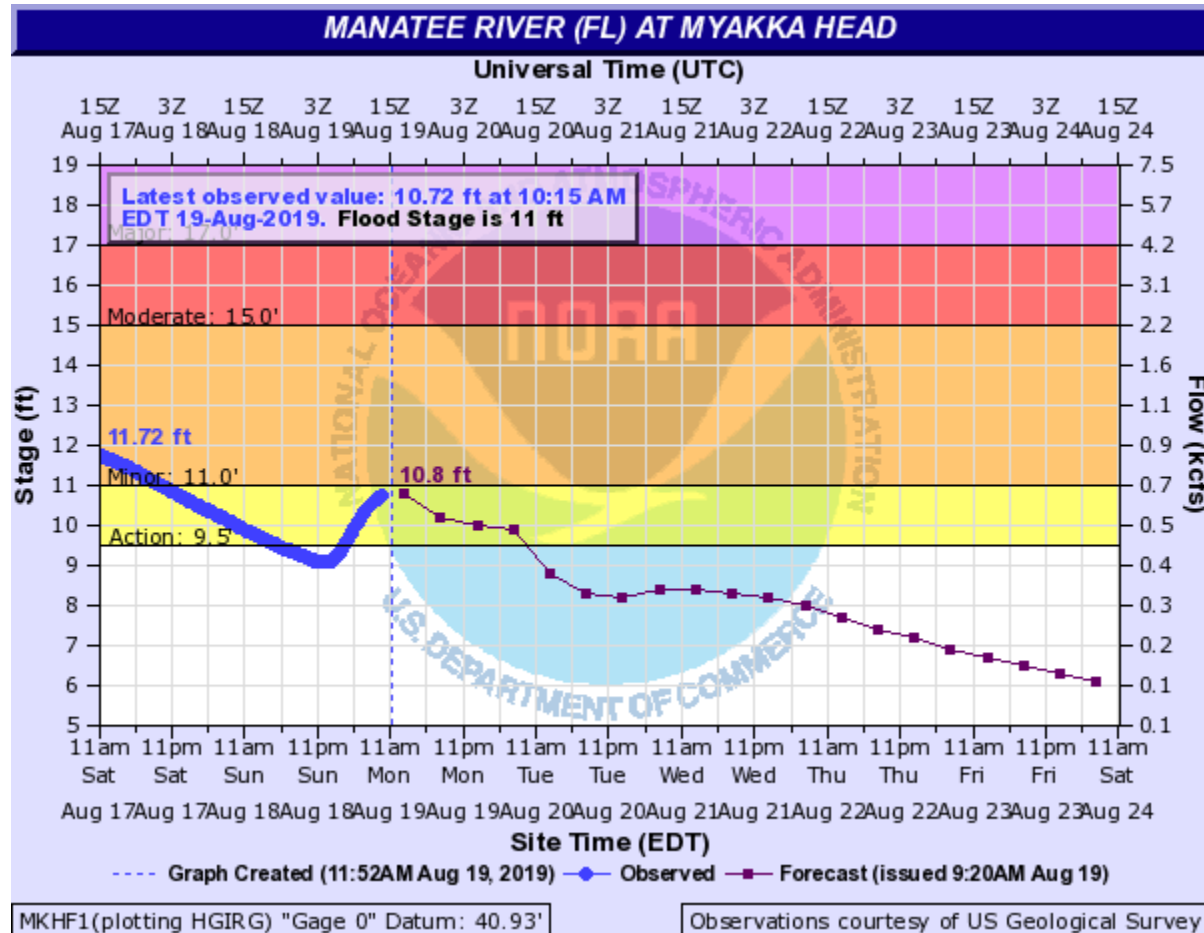


- 13 ft. – River Drive and Squirrel Run Way downstream of County Road 640 are completely covered by water. One home begins to flood.
- 12 ft. – Water begins to affect River Drive and Squirrel Run Way downstream of County Road 640.

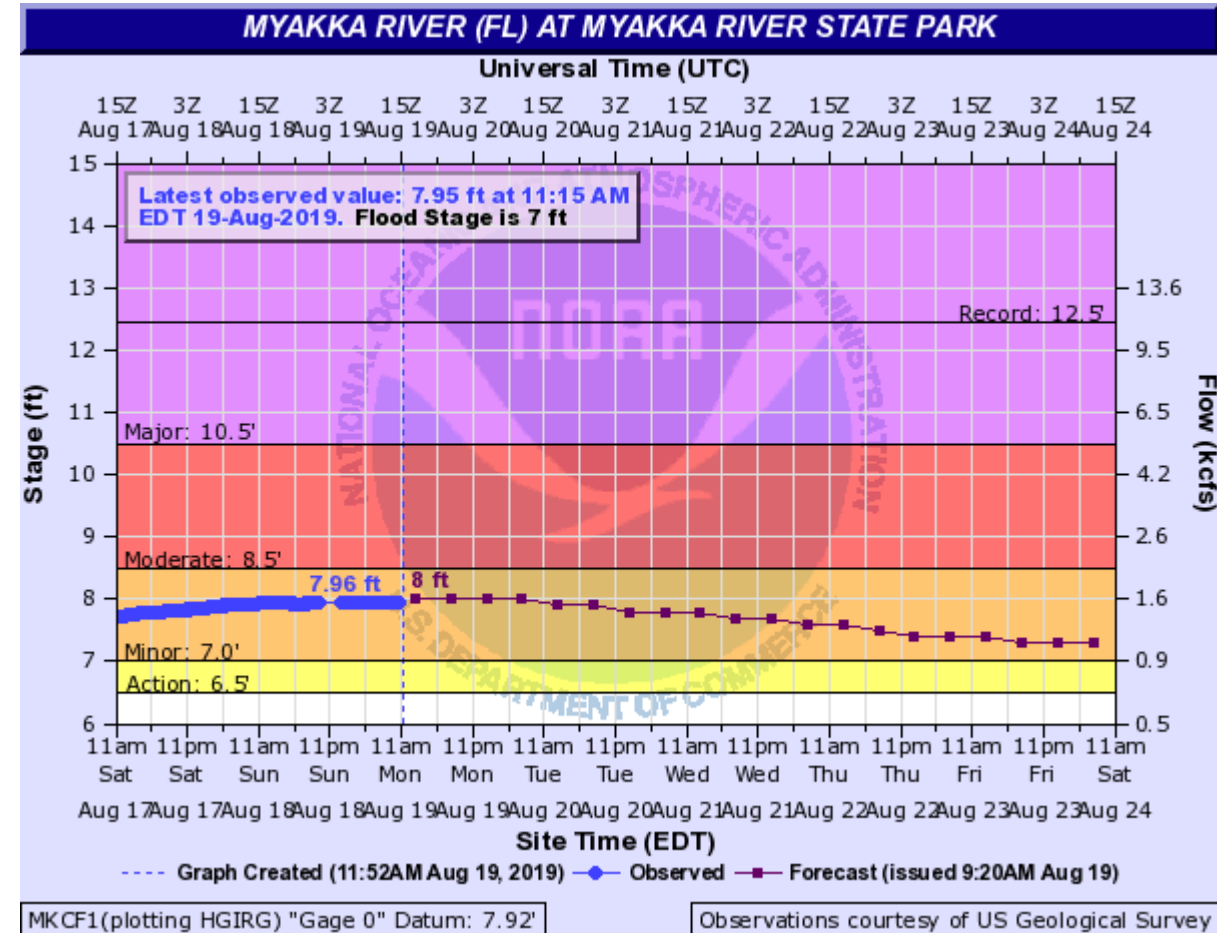


- 13 ft. – The canoe rental area floods.
- 11 ft. – The river overflows its banks.

Current and Forecast Hydrographs



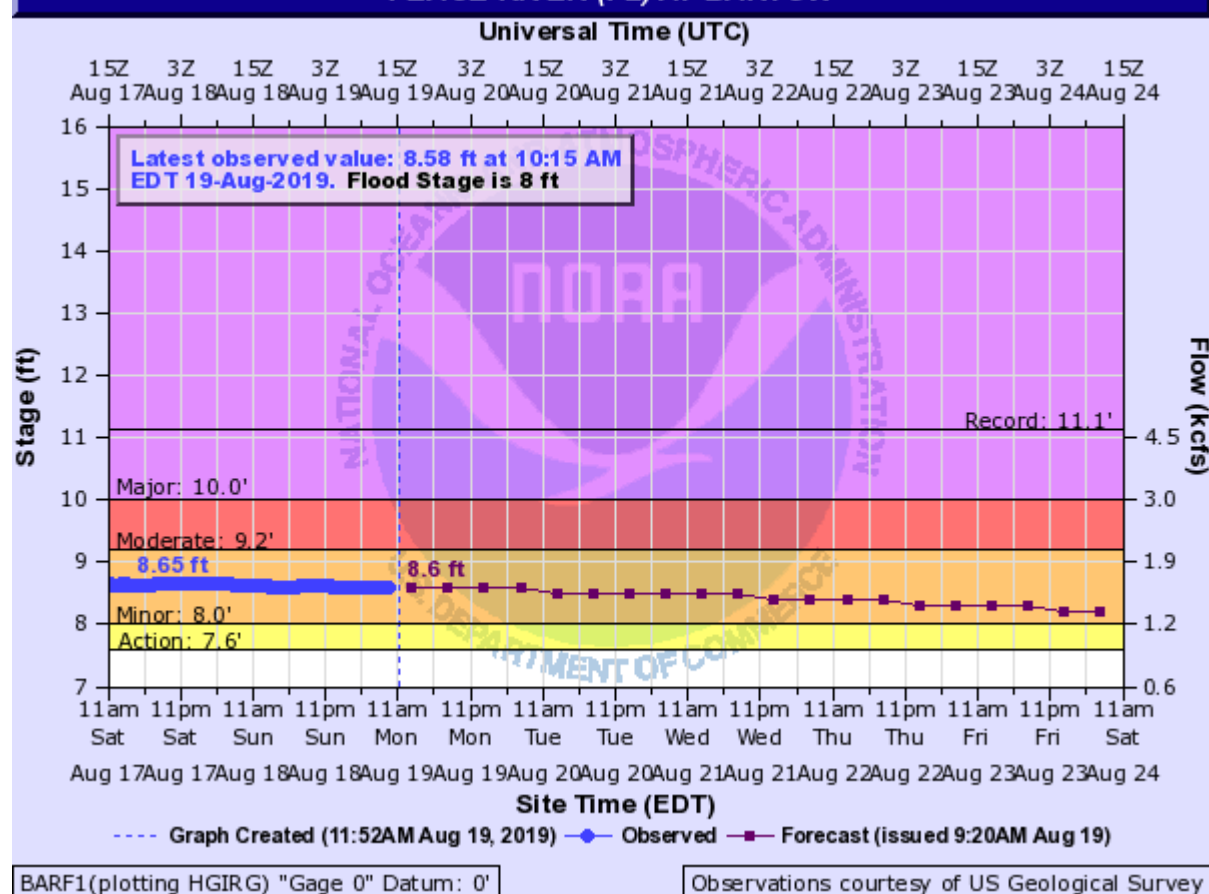
- 15 ft. – Low sections of State Road 64 start to flood.
- 11 ft. – Private road and bridge 1 mile downstream flood. Agricultural, rural Kibler area begins to flood.



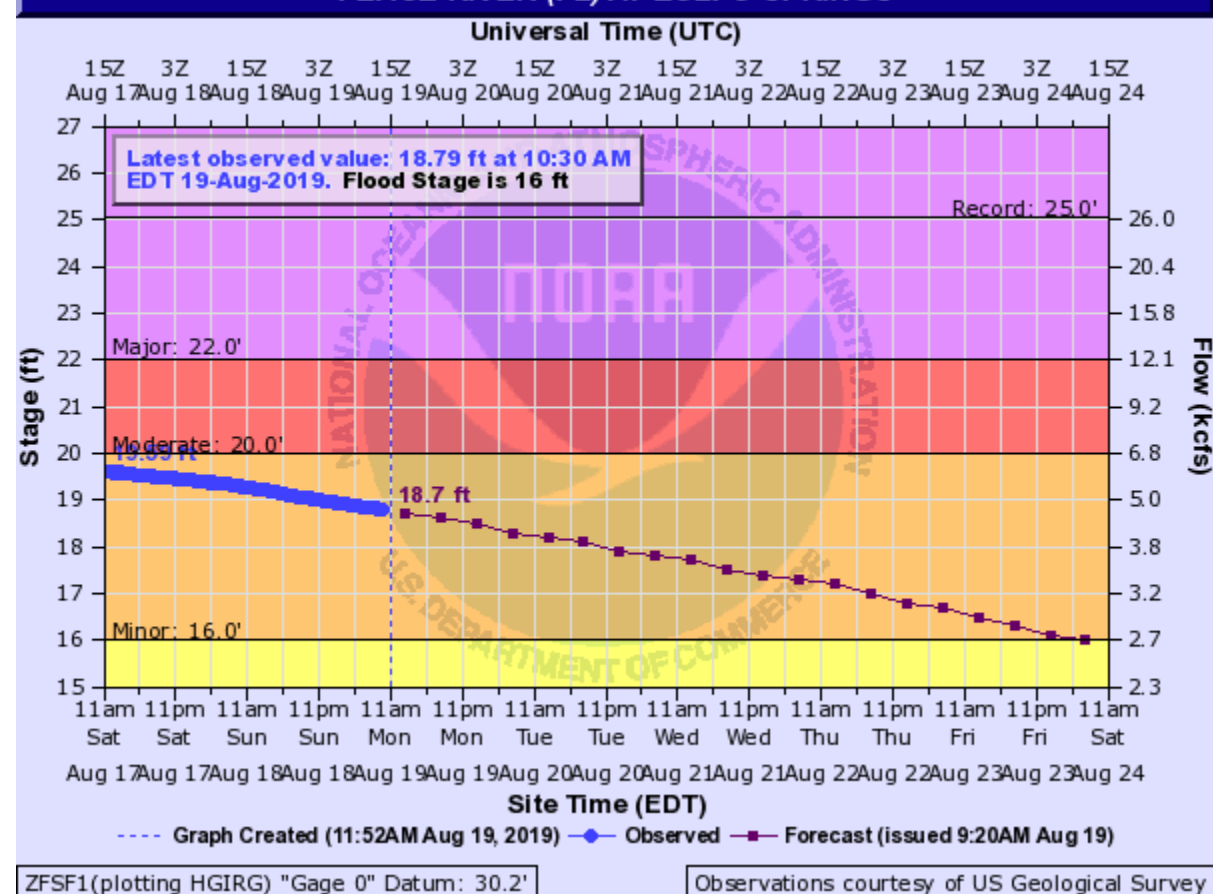
- 8.5 ft. – Most of Myakka State Park is closed.
- 8 ft. – The main road at Myakka State Park floods.
- 7 ft. – Trails, picnic areas, and parking lots at Myakka State Park flood.

Current and Forecast Hydrographs

PEACE RIVER (FL) AT BARTOW



PEACE RIVER (FL) AT ZOLFO SPRINGS

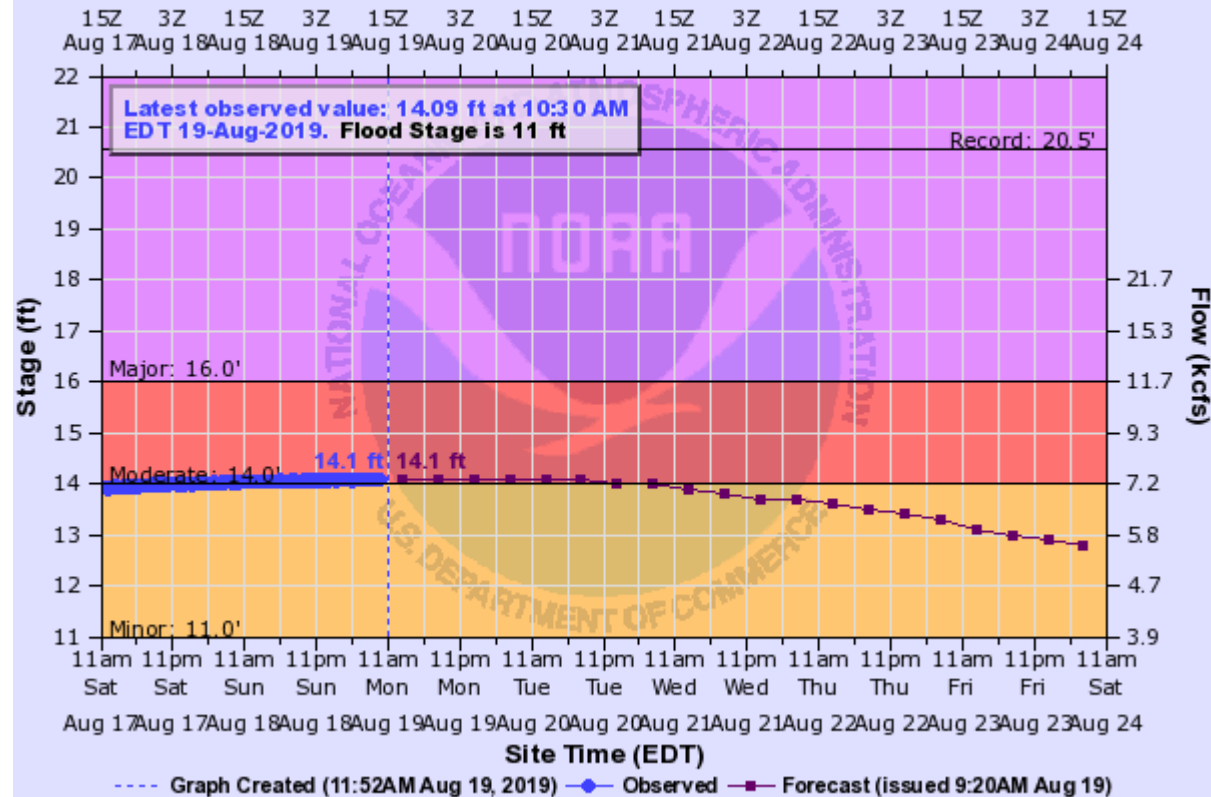


- 8 ft. – Private roads downstream flood.

Current and Forecast Hydrographs

PEACE RIVER (FL) AT ARCADIA

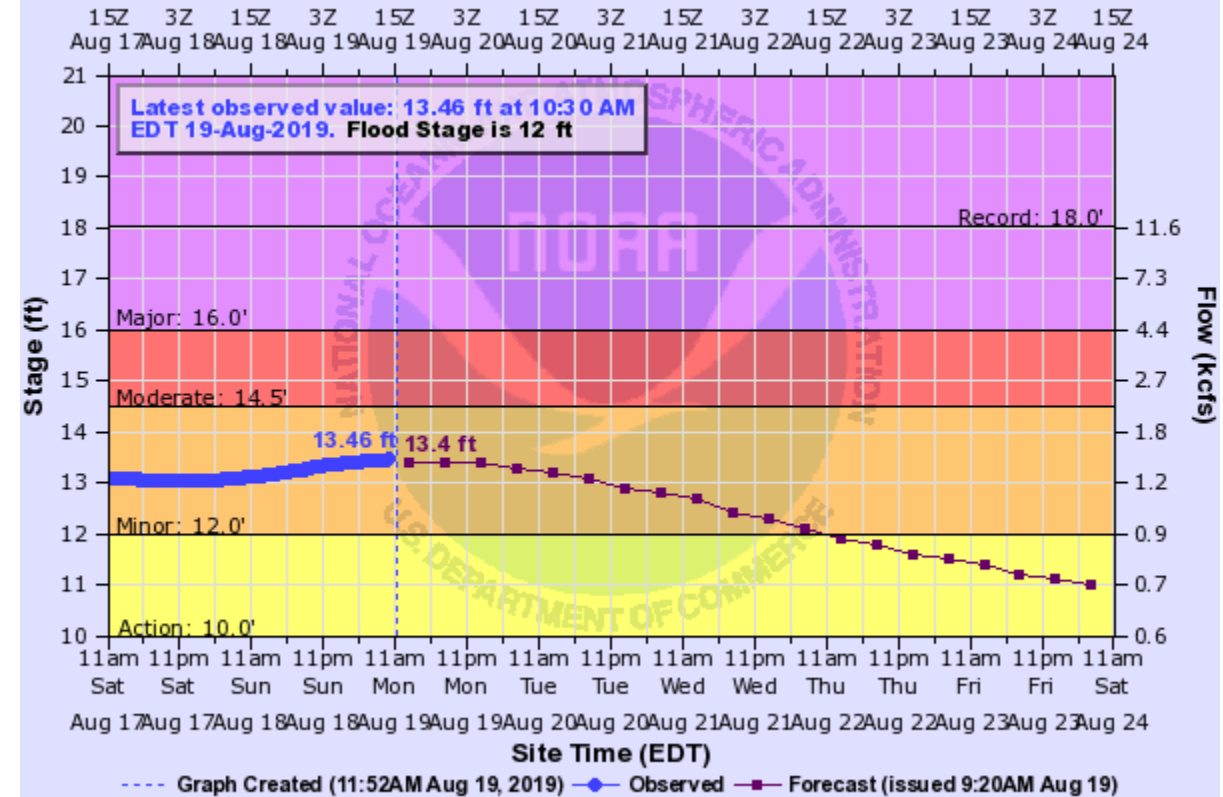
Universal Time (UTC)



- 15 ft. – River Acres is impacted
- 14 ft. – Peace River Campground flood and 6 homes at River Acres are impacted.
- 13 ft. – Peace River Estates floods affecting several dozen homes.
- 12 ft. – The Girl Scout camp floods.
- 11 ft. – Access roads to River Acres become flooded.

HORSE CREEK (FL) NEAR ARCADIA

Universal Time (UTC)



- 14 ft. – Buildings in Hidden Acres flood.
- 12 ft. – The access road to Hidden Acres is impassable.
- 11 ft. – Secondary roads in Hidden Acres and Royal Palm begin to flood.

Summary:

- **What:**
 - A weak area of low pressure off the coast of the Mid-Atlantic will move northeastward into the open Atlantic later today. This system has a 10% chance of formation during the next 48 hours. This system poses no threat to Florida.
 - Heavy rainfall and flash flooding remains an ongoing threat in the eastern Panhandle and Big Bend today
 - 2-3" in the eastern Panhandle and Big Bend (localized 3-6+"); <1" in the Peninsula; NEXT 24 HOURS.
 - River flooding continues across much of the western Peninsula.
 - High rip current risk at all Panhandle beaches
- **Where:** The highest threat of flash flooding will be along the coastal regions of the eastern Panhandle and Big Bend with only a very isolated risk elsewhere in the western Panhandle and Northeast Florida. There is no flash flood threat in Central or South Florida.
- **When:** The flash flood threat continues through this afternoon. River flood impacts continue all week. **Rain chances become more isolated/seasonal starting tomorrow.**
- **Potential Impacts:** Heavy rainfall may produce flooding in areas where abundant rain has fallen over the last week and soils are saturated. Dirt roads may become washed out. Sheet flow and standing water may temporarily close roadways. A few locations will see minor impacts to structures. Many locations will see boat ramps, docks, and riverside parks flooded.

Another update may be issued Tuesday morning, especially if flood issues continue. For the latest tropics information, please see the latest outlooks from the [National Hurricane Center](#). For the latest flood updates, see the latest products from your local National Weather Service, the [Southeast River Forecast Center](#), and the [Weather Prediction Center](#).



TROPICAL UPDATE



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Florida Division of Emergency Management

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