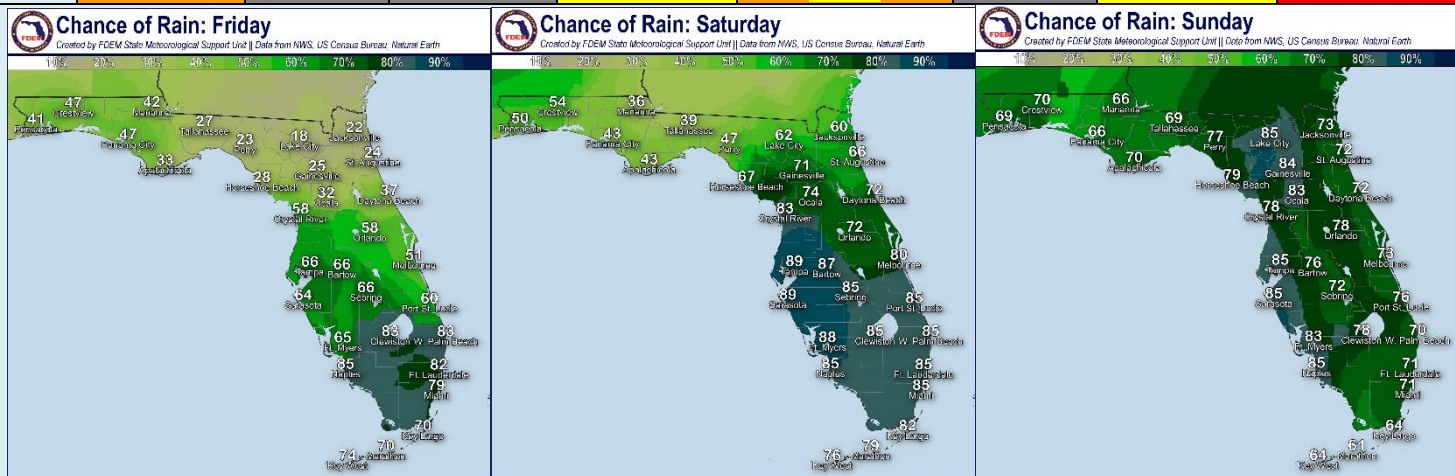
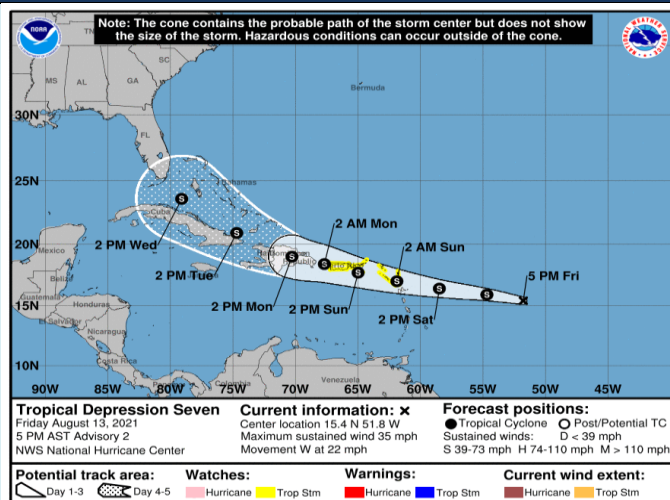
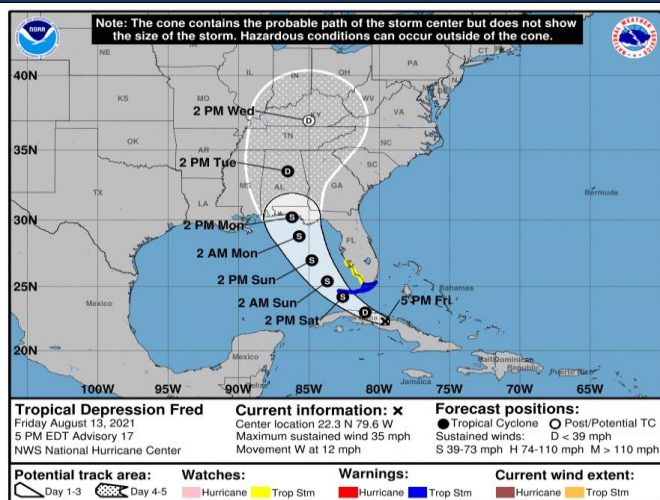


Friday, August 13, 2021					5-Day Statewide Weather Outlook			
No Threat			Low Threat		Moderate Threat	High Threat		
Day	Lightning	Tornado	Damaging Wind/Hail	Flash Flooding	River Flooding	Wildfire	Excessive Heat	Rip Currents
Fri	South & Central Florida			South Florida	Northeast Florida & Big Bend		Statewide	South Florida Panhandle, Northeast FL & Central Atlantic Gulf Coast
Sat	South & Central Florida	Central FL, South FL		South & Central Florida	Northeast Florida & Big Bend West Central Florida		North Florida	Peninsula Panhandle
Sun	Statewide	North FL, Central FL		Peninsula, Big Bend	Northeast Florida & Big Bend West Central Florida		Panhandle	Statewide
Mon	Statewide	North FL		North & Central Florida	Northeast Florida & Big Bend West Central Florida		South Florida	Statewide
Tues	Statewide			North Florida	Northeast Florida & Big Bend West Central Florida		Statewide	Panhandle Elsewhere



Rain Chances This Week: Friday (left), Saturday (center), and Sunday (right)



Tropical Depression Fred Forecast as of Friday at 5pm

Tropical Depression 7 Forecast as of Friday at 5pm



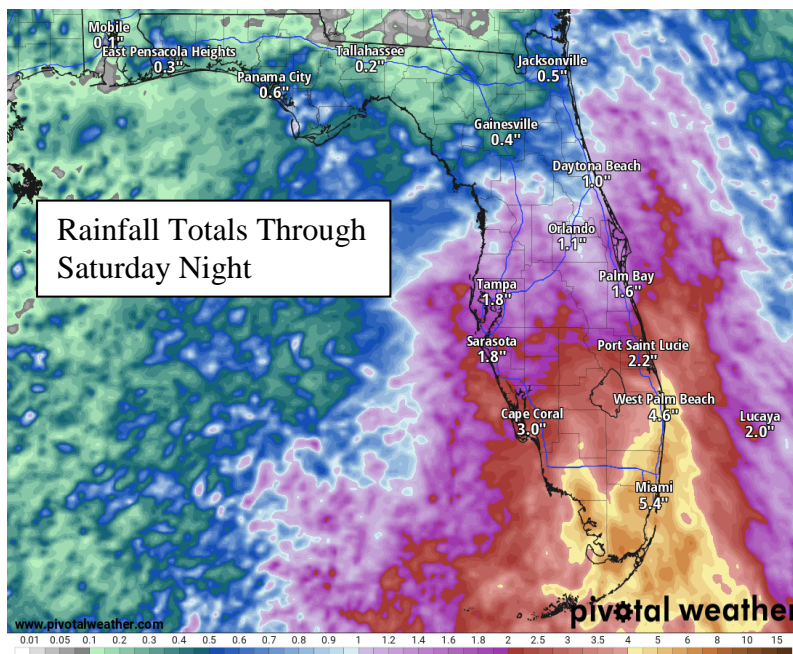
...Tropical Storm Warnings For The Keys...Tropical Depression Fred Expected to Make A Panhandle Landfall Monday...

Friday-Saturday:

Tropical moisture moving into the state ahead of Tropical Depression Fred will result in a high chance for scattered to numerous showers and thunderstorms across the Central and South Florida this afternoon and evening. Rain is expected to linger into the evening hours across South Florida tonight as Fred makes its approach. By early Saturday afternoon, widespread rainfall will return to South and Central Florida again as Fred passes near or over the lower Keys. Gusty winds, frequent lightning, heavy rainfall, and an isolated tornado are all possible across Saturday.

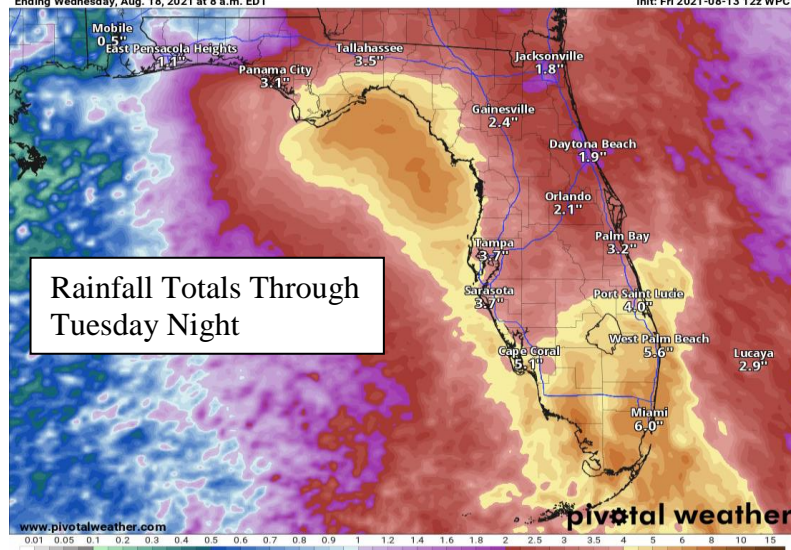
Across North Florida, the highest rain chances (60-70%) will be across Northeast Florida Friday and Saturday as the east coast seabreeze combines with increased moisture, while near normal rain chances around 20-40% are forecast for the Florida Panhandle and Big Bend. A few strong thunderstorms containing gusty winds, frequent lightning and heavy rain cannot be ruled out.

Cloud cover and rain will keep daytime high temperatures in the upper 80s to low 90s across the Peninsula both days, but more sunshine in the Panhandle will allow temperatures to rise into the mid 90s with heat index values in the 100-105 degree range. Overnight lows will continue to be warm and muggy in the mid to upper 70s statewide.



120-Hour Precipitation (in)
Ending Wednesday, Aug. 18, 2021 at 8 a.m. EDT

Init: Fri 2021-08-13 12z WPC



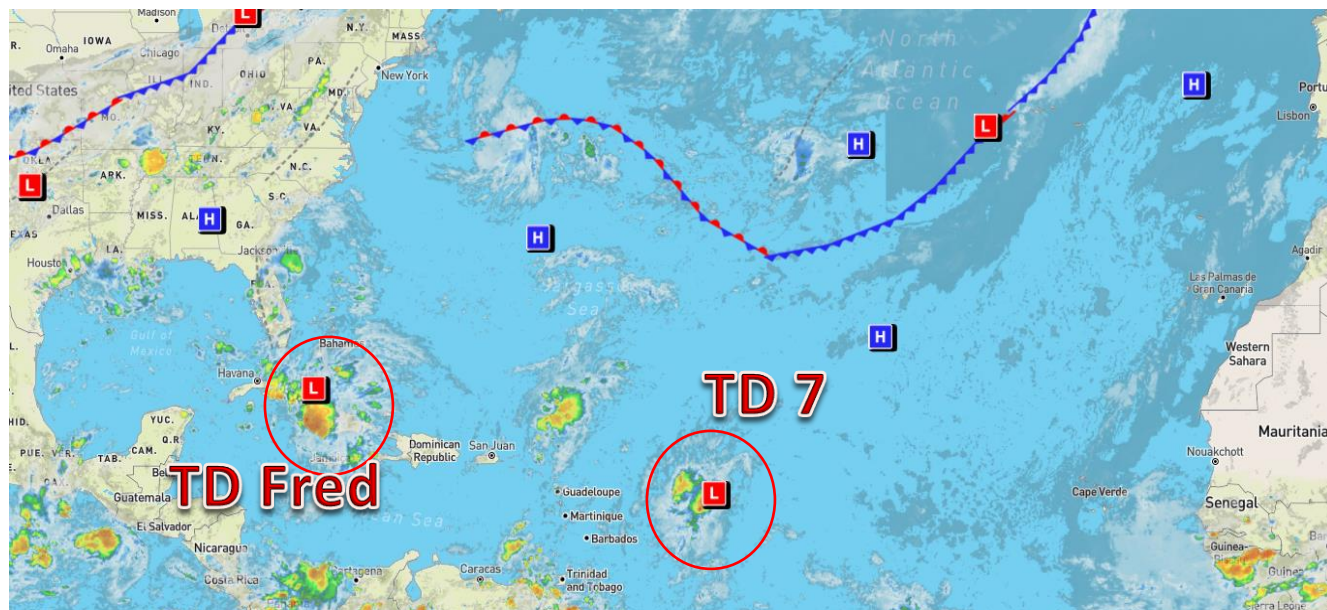
Sunday-Tuesday:

Weather hazards statewide on Sunday and Monday will be driven by Tropical Depression(Storm) Fred as it parallels the West Coast of Florida and moves into the Florida Panhandle. Most of the rainfall associated with this system is forecast to be on the northern and eastern side, resulting in heavy rainfall totals of 3-5" with isolated amounts as high as 6-8" for the western Florida Peninsula and eastern Panhandle. Other threats



from Fred on Sunday and Monday include a lingering risk for isolated tornadoes across portions of North and Central Florida, as well as minor coastal flooding in Apalachee Bay. The strongest winds (sustained winds of 50-60mph) should be confined to the center of the system, but any strong thunderstorm in outer rain bands may also include periodic gusts near 30-40mph.

Conditions will begin to improve for South Florida on Monday as Fred makes landfall in the Panhandle, but lingering rainfall and tropical storm impacts are expected to continue across much of North Florida and potentially portions of Central Florida until Tuesday evening.



Tropics:

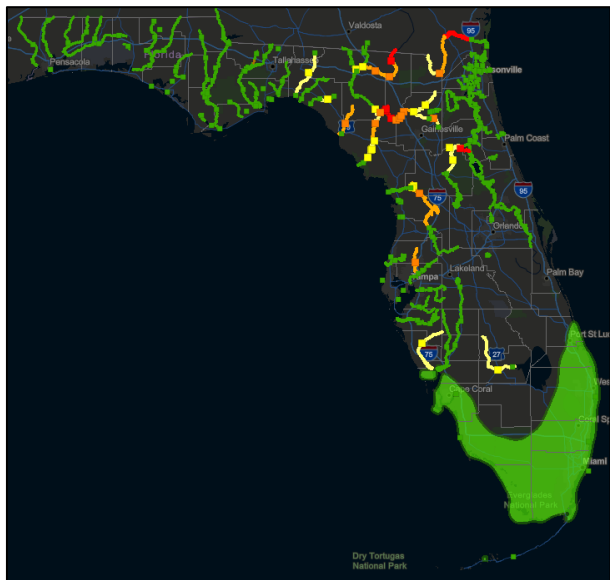
Impacts to Florida from Fred detailed above. At 500 PM EDT Friday, the center of Tropical Depression Fred was located 210 miles southeast of Key West on the northern coast of Cuba. The depression is moving toward the west near 12 mph, but should begin moving west-northwest again tonight, followed by a turn toward the northwest on Saturday. On the forecast track, Fred is expected to continue moving along or near the north coast of central Cuba through tonight, be near the Florida Keys on Saturday, move near or west of the west coast of the Florida peninsula Saturday night and Sunday, then make landfall along the Florida Panhandle coast on Monday. Maximum sustained winds are near 35 mph with higher gusts, but Fred is expected to become a tropical storm again by Saturday and continue to strengthen in the Gulf of Mexico. Tropical Storm Warnings have been issued for the Florida Keys west of Ocean Reef to the Dry Tortugas. Tropical Storm Watches are in effect for the southwest coast of Florida from Englewood south. Additional watches and warnings are possible for the Florida West Coast and Florida Panhandle on Saturday.

At 500 PM EDT Friday, Potential Tropical Cyclone #7 was upgraded to a tropical depression while in the central Atlantic 675 miles east of the Leeward Islands with winds of 35mph. The system is moving toward the west near 22 mph and this general motion with a gradual decrease in forward speed is expected into early next week. On the forecast track, the system is expected to approach the Leeward Islands on Saturday, move over the Leeward Islands Saturday night and Sunday, and then be near the Virgin Islands and Puerto Rico Sunday night and Monday. Gradual strengthening is forecast during the next couple of



days, and the disturbance is expected to become a tropical storm by Saturday. The next name on the storm list is Grace.

For the latest on the tropics, please visit the National Hurricane Center at www.hurricanes.gov.



Hydrology:

River Flood Warnings continue for several North Florida rivers. **Moderate Flooding** is ongoing along the [Ocklawaha River](#), parts of the [Suwannee River](#), and parts of the [Santa Fe River](#). The upper reaches of the Suwannee River are cresting and is expected to slowly recede over the next several weeks. Crests along the middle Suwannee should occur next week while the lower Suwannee continues to slowly rise. The lower Santa Fe River is also cresting, with a slow decline expected next week. While small rises are possible from rain associated with Fred, major flooding is not currently anticipated.

Minor Flooding is ongoing along several North Florida Rivers including: areas of the [Santa Fe River](#), the [Withlacoochee River](#), [Cypress Creek at Worthington Gardens](#), the [Withlacoochee River at Holder](#) and [Steinhatchee River](#). Periods of prolonged heavy rainfall this weekend will keep Northeast Florida and West Central Florida rivers high and potentially flood smaller creeks and streams. For more details on specific river levels, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 14.13 feet, which is within the operational band and near normal for this time of year. Lake levels will continue to slowly rise due to recent and forecasted rainfall.

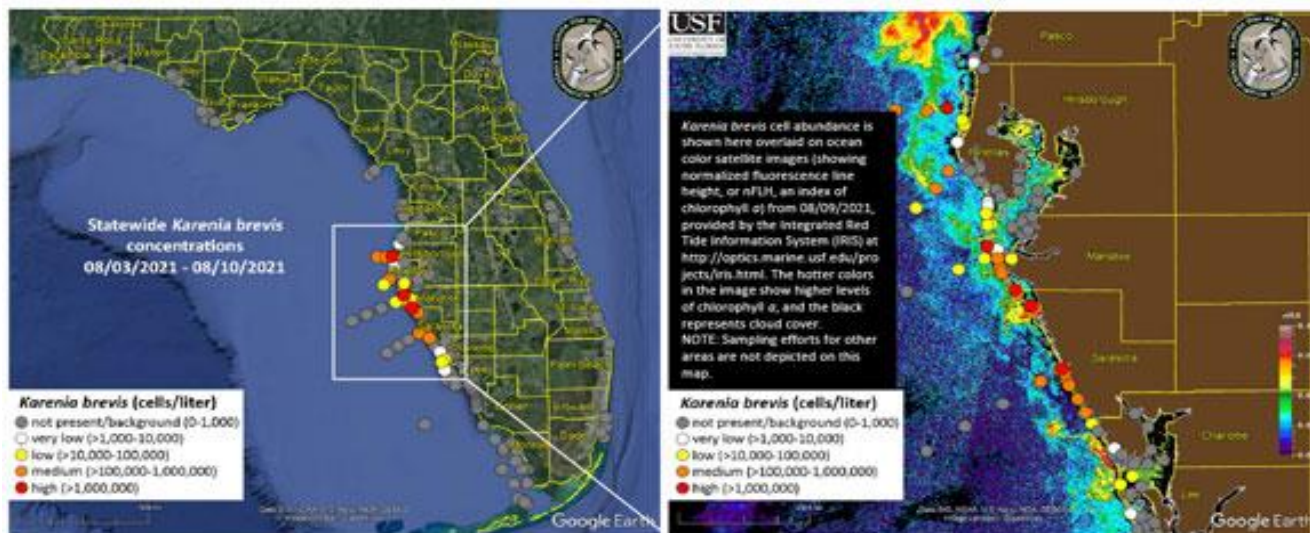
Flash Flooding:

Regardless of exact landfall location, Tropical Depression Fred will bring wide spread rainfall to South Florida this weekend. 3-5" of rainfall is forecasted for South Florida this weekend with isolated totals of 6-8" possible. This could result in periods of flash flooding across urban and low-lying areas. The Weather Prediction Center has highlighted South Florida in a **Marginal Risk** (1 of 4) of flash flooding today and a **Slight Risk** (2 of 4) of flash flooding on Saturday. A **Flood Watch** is in effect for all of [South Florida and the Treasure Coast](#) through Sunday night, and is likely to be expanded into Central and North Florida this weekend. As Fred moves northward across the Gulf Sunday, rain bands will become more widespread across the Florida Peninsula. The Weather Prediction Center has highlighted the entire Peninsula and parts of the Big Bend in a **Slight Risk** (2 of 4) of flash flooding on Sunday. Rainfall totals of 3-5" are possible across the Peninsula Sunday, particularly west of I-75. A quick 1-2" on top of already saturated soils in the Big Bend could result in flash flooding this weekend.



Rip Currents & Marine Hazards:

There is **high risk of rip currents** along the southeast coast as Tropical Depression Fred continues to move through the Florida Straits. Fred will begin transitioning into the Gulf this weekend, and the rip current risk will increase along Gulf beaches. There will be a **high risk of rip currents** for most Gulf Coast beaches this weekend.



A significant Red Tide bloom continues along the West Coast of the Peninsula, but has ended in Tampa Bay. **Medium to High concentrations** have been reported along the Gulf Coasts of Manatee, Sarasota, Charlotte, and Lee County with **low concentrations** observed in isolated areas of Pinellas County.

High concentrations are resulting in respiratory irritation for both sensitive individuals and the general public, along with numerous fish kills. For the latest Red Tide concentration reports, please view the [Florida Fish and Wildlife Commission map](#).

[NWS Mobile Daily Hazards](#)

[NWS Jacksonville Daily Hazards](#)

[NWS Tampa Daily Graphical Hazards](#)

[NWS Key West Daily Hazards](#)

[NWS Tallahassee Daily Graphical Hazards](#)

[NWS Melbourne Daily Graphical Hazards](#)

[NWS Miami Daily Graphical Hazards](#)

For the official National Weather Service forecast, please click on the following cities:

[Pensacola](#) • [Panama City](#) • [Tallahassee](#) • [Gainesville](#) • [Jacksonville](#) • [Daytona Beach](#)

[Orlando](#) • [Tampa](#) • [Fort Myers](#) • [West Palm Beach](#) • [Miami](#) • [Key West](#)

[Click here for the latest watches, warnings, and advisories from The National Weather Service](#)

For coastal and offshore forecasts throughout Florida and Georgia, please click [here](#).

Have a great weekend!

Zach Law, State Meteorology Intern

Florida Division of Emergency Management | www.FloridaDisaster.org

