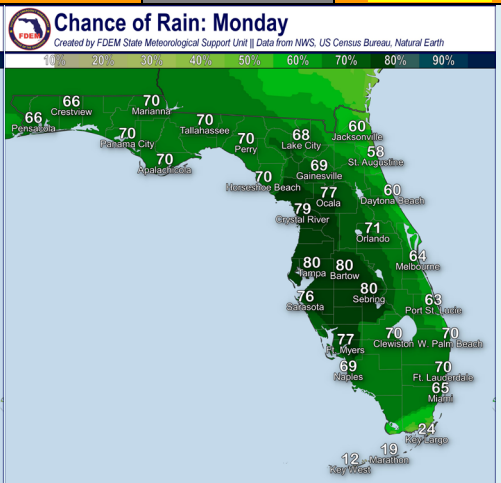
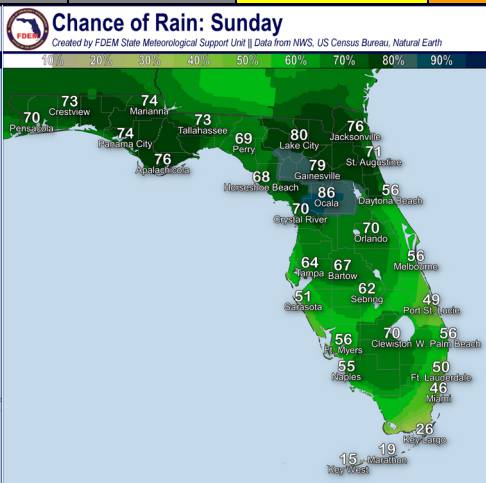
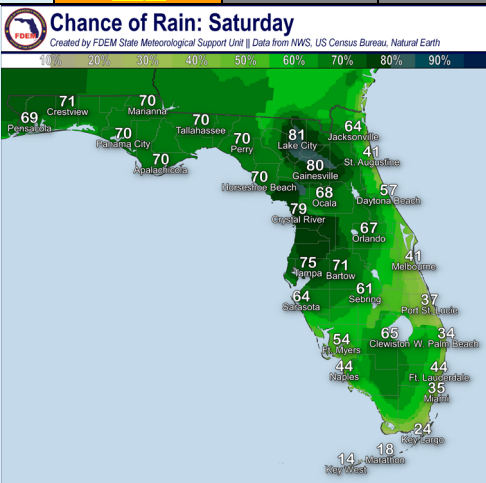


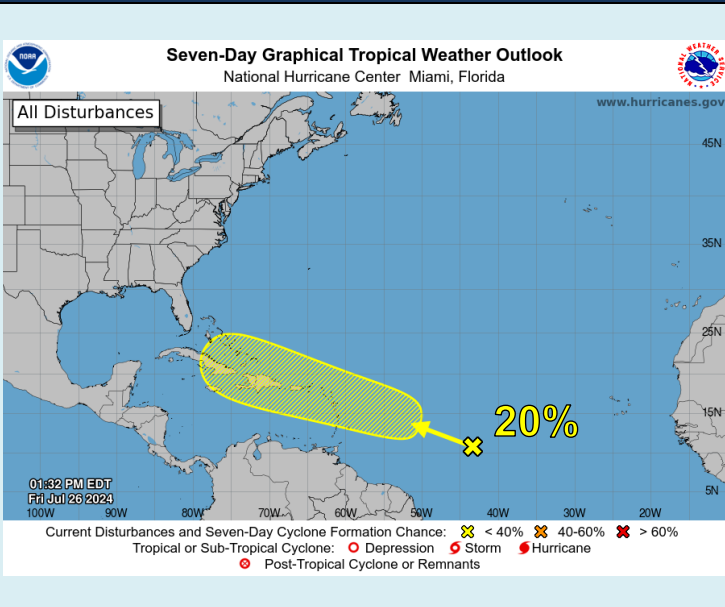
Friday, July 26, 2024

5-Day Statewide Weather Outlook

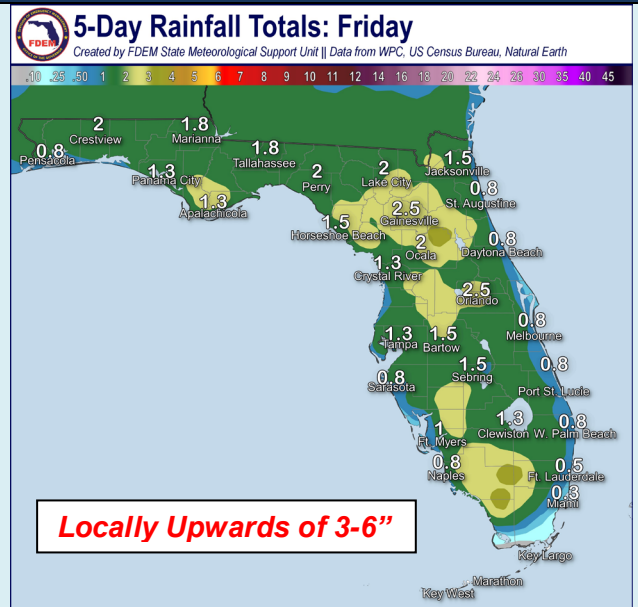
No Threat			Low Threat		Moderate Threat		High Threat	
Day	Lightning	Tornado	Damaging Wind	Hail	Flash Flooding	Excessive Heat	Fog (Overnight)	Rip Currents
Fri	N-Peninsula Statewide		Locally Iso. Statewide		N & Central FL Iso. Statewide	Locally Statewide	Locally Iso. Statewide	FL Panhandle & East Coast West Coast
Sat	N-Peninsula Statewide		Locally Iso. Statewide		N & Central FL Iso. Statewide	Locally Statewide	Locally Iso. Statewide	FL Panhandle & East Coast West Coast
Sun	N & WC Peninsula Statewide		Locally Iso. Statewide		Statewide	Panhandle & W & S Peninsula E-Peninsula	Locally Iso. Statewide	FL Panhandle & East Coast West Coast
Mon	Locally Statewide Keys		Locally Iso. Statewide		Statewide	Statewide N & E Peninsula	Locally Iso. Statewide	FL Panhandle & East Coast West Coast
Tue	Locally Statewide Keys		Locally Iso. Statewide		Statewide	Statewide N & E Peninsula	Locally Iso. Statewide	FL Panhandle East Coast West Coast



Chance of Rain: Friday, Saturday, Sunday



NHC 7 Day Tropical Weather Outlook: Friday



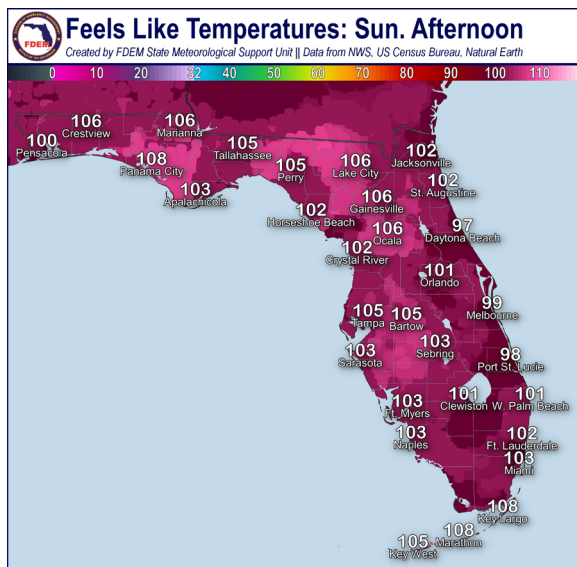
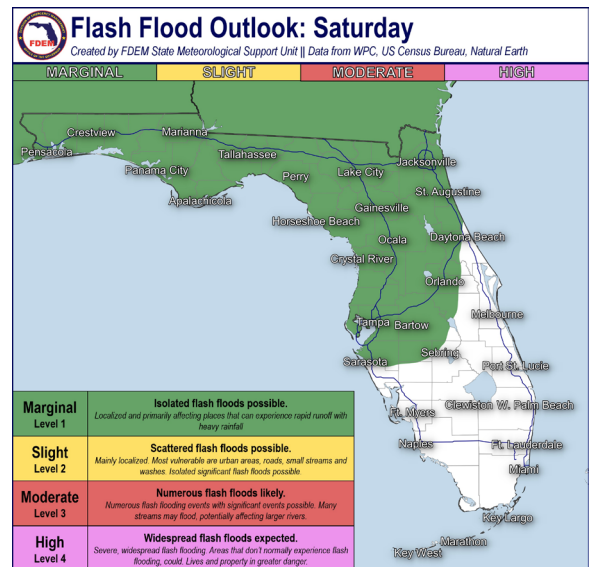
5 Day Rainfall Totals: Through Tuesday Evening



**...High Pressure and Deep Tropical Moisture To Produce Scattered to Numerous Showers and Thunderstorms With the Sea Breezes Statewide Over the Next 5 Days... Locally Strong to Severe Thunderstorms Producing Frequent Lightning, Gusty Winds, and Heavy to Torrential Downpours Cannot Be Ruled Out...Some May Be Slow-Moving or Training At Times...Marginal Risk For Flash Flooding Across North Florida and Portions of Central Florida Today and Saturday and Nearly Statewide Sunday, Monday, and Tuesday...Flood Watches May Be Issued For Portions of North Florida This Weekend...Heat Indices Remaining In the Upper 90s to Triple Digits...Heat Advisories May Be Issued This Weekend and Early Next Week...Moderate to High Risk For Rip Currents Along Panhandle and East Coast...Showers and Thunderstorms Will Gradually Dissipate Overnight With Only A Few Showers and Thunderstorms Linger Along Coastlines and Coastal Gulf Waters...Patchy to Locally Dense Fog Possible Over Saturated Grounds Each Night...An Area of Disturbed Weather Over the Central Tropical Atlantic Ocean Is Expected to Interact With An Approaching Tropical Wave; Low Chance (20%) of Development Through 7 Days; Will Continue to Monitor...**

**Friday-Sunday:**

High pressure building over the eastern U.S. combined with excessive amounts of deep tropical moisture across portions of the state will drive daily showers and thunderstorms across the state over the next 3 days. Scattered to numerous showers and thunderstorms can be expected across North Florida along the sea breezes, amplified by the weak frontal boundary moving southward through the southeast U.S. this weekend (60-85% chance of rain). Scattered to numerous showers and thunderstorms can also be expected across Central and South Florida with the sea breezes, primarily over interior and western portions of the Peninsula as the Gulf and Atlantic sea breezes collide (50-80% chance of rain). Plumes of **Saharan Dust** lingering along the Central-East and Southeast Coast and Keys today and Saturday and along the far Southern Peninsula and Keys Sunday will allow for only



isolated activity (15-35% chance of rain). Organized severe weather is not anticipated, but any thunderstorm that develops over the state could become **strong to severe**. Any **strong to severe thunderstorm** that develops could produce frequent lightning, gusty winds (40-50 mph) and heavy downpours. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across North Florida and portions of Central Florida today and Saturday and nearly statewide Sunday as deep tropical moisture giving way to widespread heavy rainfall in slow-moving showers and thunderstorms could bring **instances of localized flooding** for urban and low-lying/poor drainage areas and over already saturated grounds.

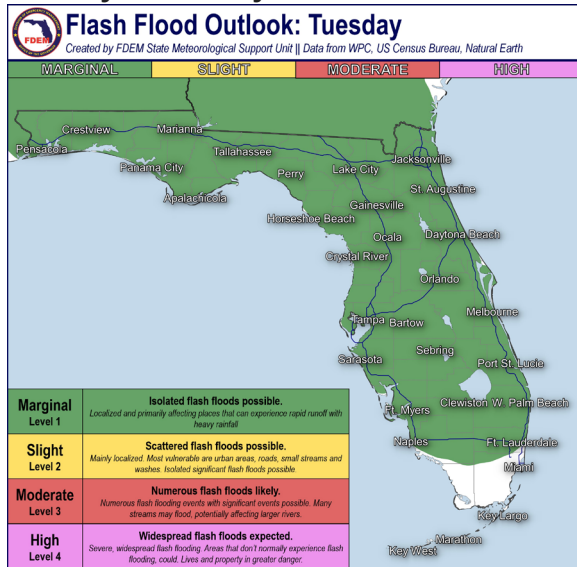
Cloud cover and rain-cooled air will keep high temperatures in the upper 80s to middle 90s across the state through the period. **Heat indices** will reach the



**middle 90s to triple digits (100-108)** with abundant moisture creating muggy conditions. **Heat Advisories** may be issued for portions of the state this weekend as **heat indices approach or reach Heat Advisory criteria**.

Showers and thunderstorms will linger into the early overnight hours as they follow the sea breeze boundaries back towards the coast and gradually dissipate (15-35% chance of rain). A few showers and thunderstorms may linger through the overnight hours along coastlines through the weekend and along the Northern and Western Peninsula tonight and the Northern Peninsula Saturday (40-70% chance of rain). Low temperatures will fall back into the middle 70s to middle 80s overnight. Areas of **patchy to locally dense fog** cannot be ruled out overnight into the following morning hours each day over saturated grounds.

**Monday – Tuesday:**

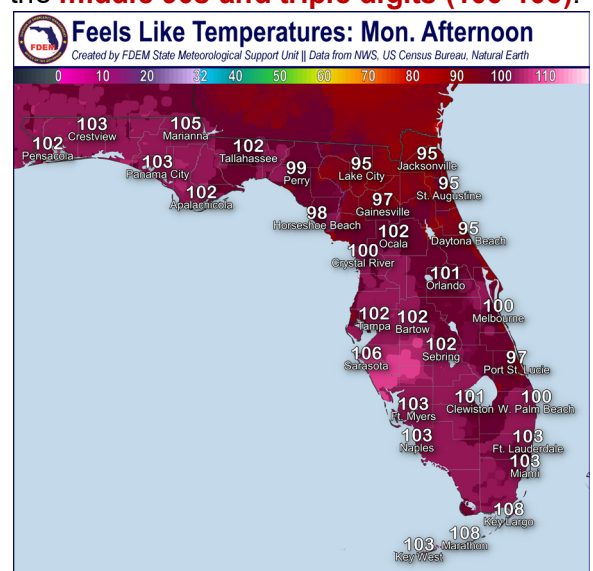


High pressure is forecast to hold strong over the state early next week as deep tropical moisture remains in place over the state, continuing the active summer weather pattern. Scattered to numerous showers and thunderstorms will likely develop across the state with the sea breezes Monday and Tuesday (55-80% chance of rain); however, should sufficient dry air filter in behind a frontal boundary Sunday, portions of North and Central Florida may see drier conditions through the afternoon and evening. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** nearly statewide Monday and Tuesday as deep tropical moisture giving way to widespread heavy rainfall and slow-moving or training thunderstorms could bring **instances of localized flooding** for urban and low-lying/poor drainage areas and over already saturated grounds. Drier air lingering

along the Keys will allow for only isolated showers and thunderstorms throughout the day (15-35% chance of rain). **Locally strong to severe thunderstorms** producing frequent lightning, gusty winds (40-50 mph) and heavy downpours cannot be ruled out statewide.

Cloud cover and rain-cooled air will keep high temperatures in the upper 80s to middle 90s across the state early next week. **Heat indices** will reach the **middle 90s and triple digits (100-106)**. The “coolest” conditions can be expected across the Northern and East-Central Peninsula due to saturated grounds and earlier onset of cloud cover and thunderstorms. **Heat Advisories** may be issued for portions of the state early next week as **heat indices approach or reach Heat Advisory criteria**.

Showers and thunderstorms will linger into the early overnight hours as they follow the sea breeze boundaries back towards the coast and gradually dissipate (15-30% chance of rain). A few showers and thunderstorms may linger through the overnight hours along coastlines and over coastal Gulf waters (30-50% chance of rain). Low temperatures will fall back into the low 70s to low 80s overnight. Areas of **patchy to locally dense fog** cannot be ruled out overnight into the following morning hours each day over saturated grounds.





**Tropical Weather:**

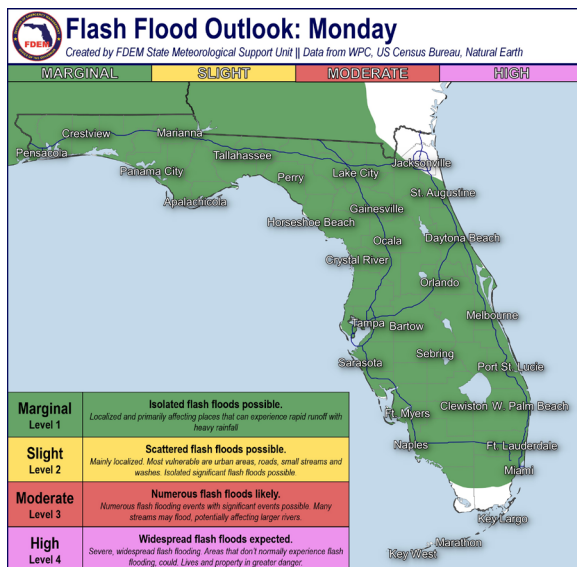
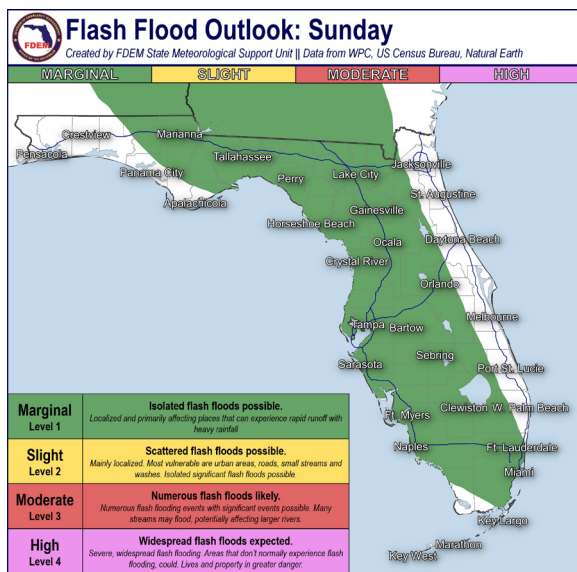
**Near the Lesser and Greater Antilles:** An area of disturbed weather over the central tropical Atlantic Ocean is expected to interact with an approaching tropical wave during the next several days. Some development of this system will be possible while it approaches the Lesser Antilles during the early to middle part of next week and moves generally west-northwestward near the Greater Antilles toward the latter part of the week. *This system will continue to be monitored as it approaches the western Atlantic this weekend and early next week.*

\*Formation chance through 48 hours...**low...near 0%**

\*Formation chance through 7 days...**low...20%**

For the latest on the tropics, please visit the National Hurricane Center [website](#).

**Hydrology & Flooding:**



The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across North Florida and portions of Central Florida today and Saturday and nearly statewide Sunday, Monday, and Tuesday. Abundant moisture will give way to scattered to numerous thunderstorms statewide over the next 5 days, with many of them producing potentially heavy and torrential downpours at times. Heavy downpours and rainfall rates could bring **localized flooding** for urban and low-lying/poor drainage areas. Any slow-moving or training thunderstorms will also create the potential for **localized flash flooding** for areas. Saturated grounds and soils locally may increase the potential for **localized flooding** with the additional onset of heavy rainfall throughout the day. Any thunderstorm across the state will be capable of producing heavy downpours that lead to **localized flooding**. Rainfall totals of 1-3” can be expected with **locally higher totals** upwards of 3-6” possible. For the latest Excessive Rainfall Outlook, please visit the [Weather Prediction Center](#).

All Florida rivers, creeks and waterways remain below flood stage. The [Shoal River near Crestview](#) has risen into Action Stage (bank-full) in response to recent heavy rainfall and water levels are forecast to continue gradually increasing over the next few days. Additional rainfall could lead to local rises in water levels; however, it will depend on where the heaviest rainfall occurs and how much. There are no additional riverine concerns at this time. For more details, please visit the [River Forecast Center](#).

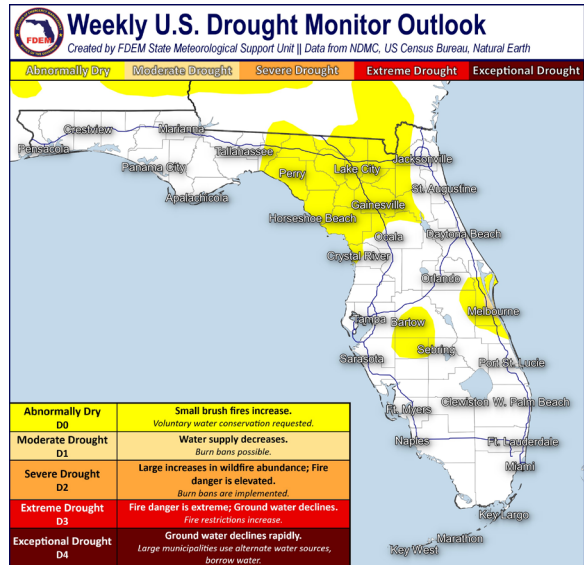
Lake Okeechobee’s average elevation is 13.55’, which is within the operational band and 0.16’ **below** normal. Lake elevations have held steady over the past week but have risen 0.15’ over the past 30 days.



Slightly above normal rainfall forecast across the Peninsula over the next week may allow water levels to continue rising.

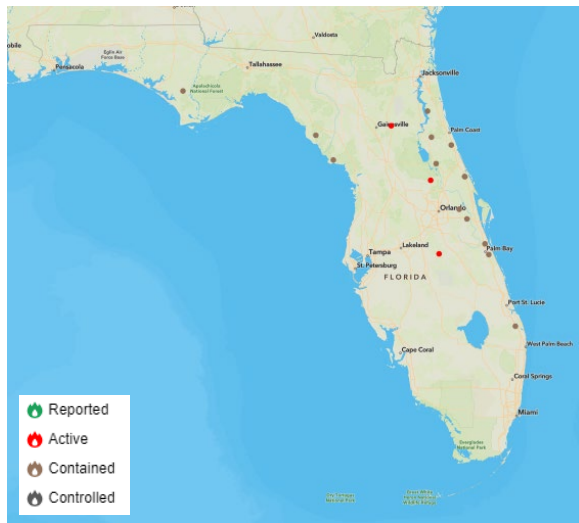
**Drought & Fire Weather:**

While above-normal temperatures have persisted over the past week, heavy rainfall across portions of North Florida have allowed drought conditions to improve on this week’s [Drought Monitor](#) update (7/25). **Moderate drought conditions** have been entirely removed from North Florida and abnormally dry (emerging drought) conditions have been removed from the Northeast Coast and Western Big Bend. Abnormally dry conditions remain in place across the Eastern Big Bend and Suwannee Valley. Drought conditions have also begun to improve south of the I-4 corridor in Central Florida with only localized areas of abnormally dry conditions remaining between Bartow and Sebring and near Melbourne. An isolated pocket of **moderate drought conditions** persists near Melbourne. 60-Day rainfall deficits remain near 3-5” across the Big Bend, Northern Peninsula, and south of the I-4 corridor with pockets of higher values upwards of 5-7”. Above normal temperatures and slightly above normal rainfall are expected across much of the state over the next week.



[The Keetch-Byram Drought Index](#) average for Florida is **168 (-3)** on a scale from 0 (very wet) to 800 (very dry). There are no Florida Counties with an average KBDI over 500 (drought/increased fire danger).

High pressure and deep tropical moisture will give way to scattered to numerous sea breeze showers and thunderstorms across the state over the next 5 days. *Thunderstorms throughout the day will be capable of producing frequent lightning and erratic winds.* This deep tropical moisture will keep relative humidity values well above critical thresholds. Plumes of **Saharan Dust** lingering along the Central-East and Southeast Coast and Keys today and Saturday and along the far Southern Peninsula and Keys Sunday will allow for only isolated shower and thunderstorm activity; however, low-level moisture will keep relative humidity values above critical thresholds in the afternoons. Winds will remain light near 5-10 mph with wind gusts upwards of 10-15 mph developing in the afternoons with the sea breezes. **Areas of patchy to locally dense fog** cannot be ruled out through the overnight and following morning hours each day over saturated grounds with calm overnight conditions.



*Foggy conditions may further reduce visibility where there are ongoing wildfires.* According to the [Florida Forest Service fire dashboard](#), there are 17 active wildfires across the state burning approximately 224 acres (as of 2:20 PM EDT).

**Rip Currents & Marine Hazards:**

A **moderate to high risk for rip currents** will persist along the Florida Panhandle over the next 5 days while West and East Coast beaches likely continue to see a low to **moderate risk for rip currents**. For the latest Rip Current Outlook, visit [www.weather.gov/beach](http://www.weather.gov/beach).

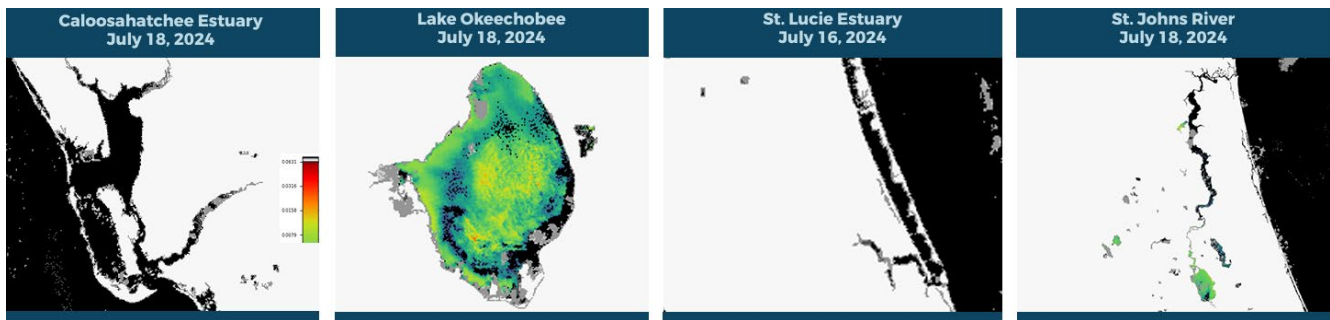


1-3' wave heights are expected to persist along the Northeast and Central-East Coast over the next 5 days with **locally 4' waves** further offshore while all other Florida beaches continue to see wave heights near 1-2'.

Coastal flooding is not expected over the next 5 days.

**Red Tide** has not been observed at or above background levels over the past week (as of 7/19). There have been no reports of fish kills or respiratory irritation suspected to be related to red tide.

**Blue-Green Algae** was observed on the most recent satellite imagery from 7/18, although partially obscured by cloud cover, at low to **high bloom potential** on approximately 90% of Lake Okeechobee. Satellite imagery of the St. Johns River obtained on 7/18 and partially obscured by cloud cover showed **moderate bloom potential** from Lake George downstream to Palatka and in Doctor's Lake, in addition to low bloom potential from Palatka downstream to Green Cove Springs. Satellite imagery also obtained on 7/18 and partially obscured by cloud cover showed no bloom potential in visible portions of the Caloosahatchee Estuary. Partially obscured satellite imagery of the St. Lucie Estuary from 7/16 showed no bloom potential in visible portions of the estuary.



[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:

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[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 wonderful weekend!

Melissa James, Assistant State Meteorologist

Florida Division of Emergency Management

[www.FloridaDisaster.org/Weather](http://www.FloridaDisaster.org/Weather)

