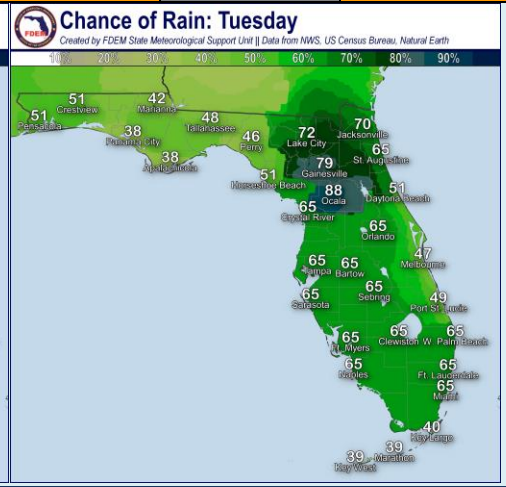
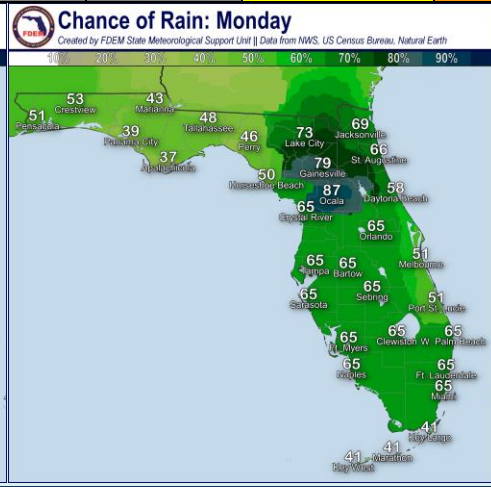
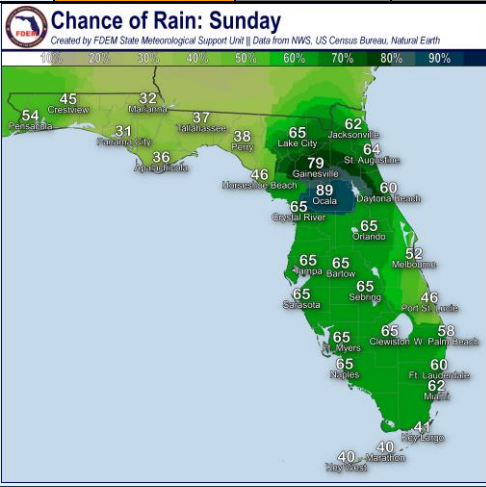


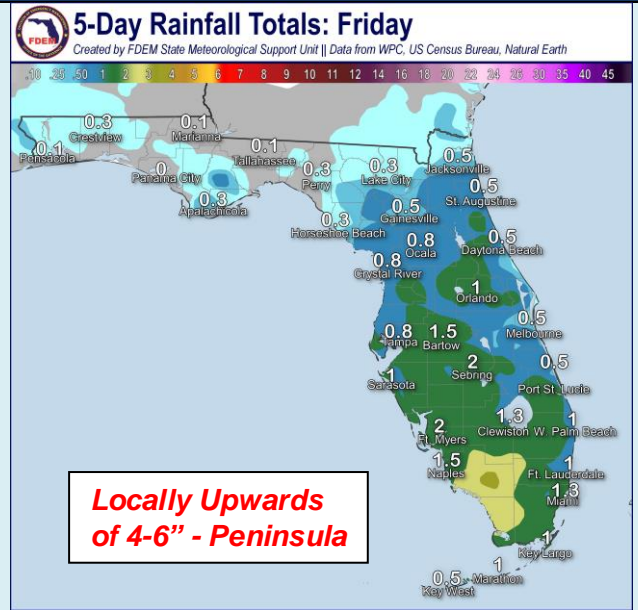
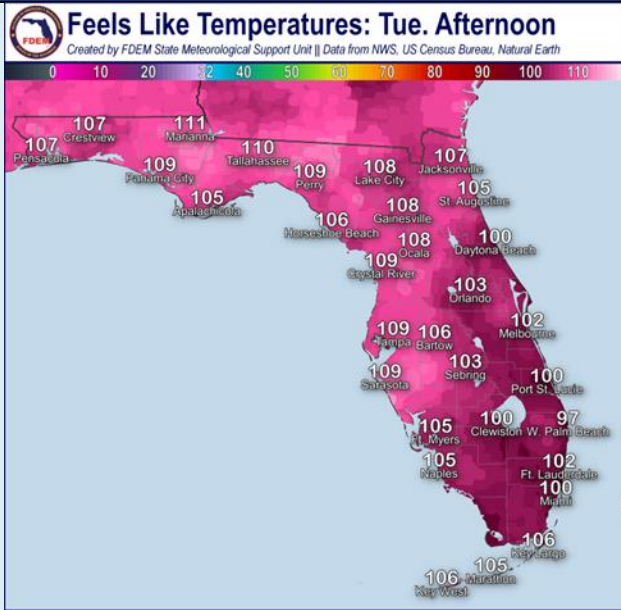
Friday, July 12, 2024

5-Day Statewide Weather Outlook

No Threat		Low Threat		Moderate Threat		High Threat		
Day	Lightning	Tornado	Damaging Wind	Hail	Flash Flooding	Excessive Heat	Fire Weather	Rip Currents
Fri	Locally Central & S FL North FL		Locally Iso. Peninsula		Locally Iso. Peninsula	Locally Statewide	Locally Iso. North FL	Panhandle East Coast West Coast
Sat	Locally Central & S FL North FL		Locally Iso. Peninsula		Locally Iso. Peninsula	FL Panhandle, W- Peninsula, & Keys Elsewhere	Locally Iso. FL Panhandle	Panhandle & East Coast West Coast
Sun	Locally Peninsula Statewide		Locally Iso. Statewide		Locally Iso. Statewide	FL Panhandle, W- Peninsula, & Keys Elsewhere	Locally Iso. FL Panhandle	Panhandle & East Coast West Coast
Mon	Locally Peninsula Statewide		Locally Iso. Statewide		Locally & S FL Iso. Statewide	FL Panhandle, W- Peninsula, & Keys Elsewhere	Iso. FL Panhandle	Panhandle & East Coast West Coast
Tue	Locally Peninsula Statewide		Locally Iso. Statewide		Locally & S FL Iso. Statewide	FL Panhandle, W- Peninsula, & Keys Elsewhere		Panhandle & East Coast West Coast



Chance of Rain: Sunday, Monday, Tuesday



Afternoon Feels Like Temperatures: Tuesday

5 Day Rainfall Totals: Through Tuesday Evening

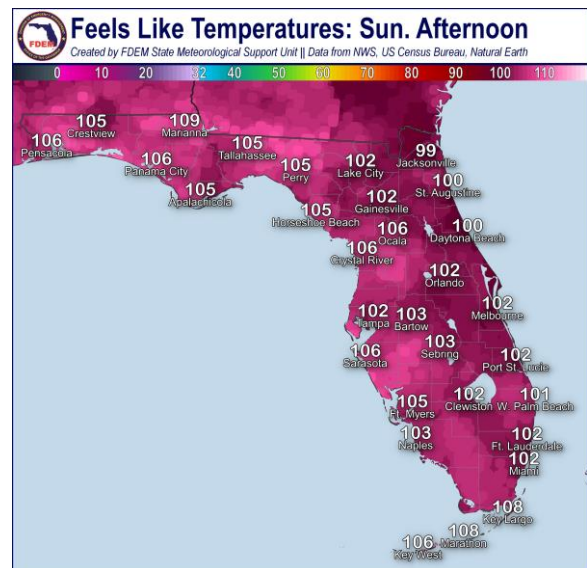
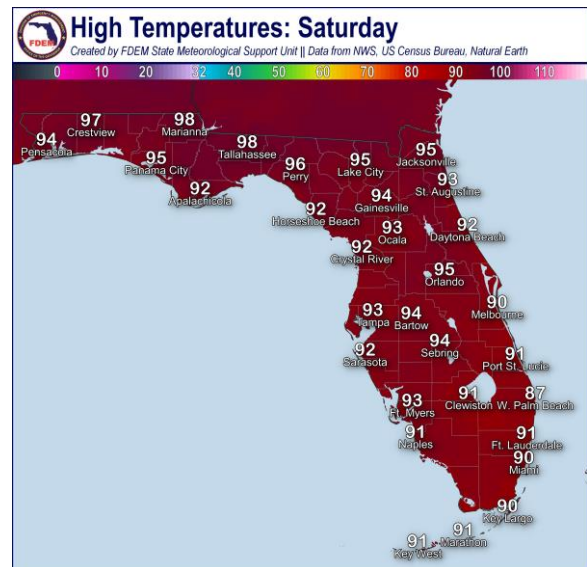


...Relatively Dry Conditions To Persist Along The Florida Panhandle Today And Into the Weekend Thanks To Drier Air...Scattered To Numerous Showers And Thunderstorms Through The Peninsula Along Sea Breeze Boundaries In the Afternoons and Evenings...Isolated Strong To Severe Thunderstorms Capable Of Producing Frequent Lightning, Gusty Winds, And Heavy Downpours Cannot Be Ruled Out...Heavy Downpours May Give Way To Instances Of Localized Flooding And Ponding Of Water Over Urban And Low-Lying/Poor Drainage Areas...Dangerous Heat And Humidity To Return This Weekend Into Early Next Week With Triple Digit Heat Indices Anticipated Statewide...Repeated Days Of Heat Advisory Criteria Are Likely Across Portions Of The State...Locally Sensitive Wildfire Conditions Possible Across North Florida Through Sunday...A Broad Area Of Low Pressure Off The Southeastern U.S. Coast Has A Low (Near 0%) Chance Of Development Through 7 Days...

Friday-Sunday:

A very strong mid-level area of high pressure north of Bermuda will expand westward across the far northern Gulf Coast this weekend. Warm and relatively dry conditions are expected across North Florida today and along the Florida Panhandle this weekend thanks to drier air behind the recent frontal boundary, with only a few isolated sea breeze showers and thunderstorms in the afternoons (10-40% chance of rain). Plentiful moisture and sufficient daytime heating across South and Central Florida today and along the entire Peninsula this weekend will allow for scattered to numerous showers and thunderstorms with the sea breezes in the afternoons and evenings (45-80% chance of rain). The East Coast sea breeze will likely remain pinned along the coast, focusing activity along and west of the I-95 corridor. Activity will likely become more robust in the late afternoon and evening hours as the sea breezes collide over interior and western portions of the state. With the typical summertime thunderstorm pattern, **isolated strong to severe thunderstorms** capable of producing frequent lightning, gusty winds (40-50 mph), and torrential downpours cannot be ruled out during the peak heating hours of the day. Plentiful moisture across the Peninsula combined with slow-moving or training showers and thunderstorms will likely produce heavy downpours and may result in instances **localized flooding** and **ponding of water** over urban and low-lying/poor drainage areas.

High temperatures are forecast to remain in the upper 80s and 90s over the next 3 days with portions of the Florida Panhandle approaching **triple digits**. **Heat indices** will remain lower in the upper 90s and **low 100s** this afternoon; however, returning moisture will raise **heat indices** back into the **triple digits (100-110)** statewide this weekend. **Heat Advisories** will be possible across portions of the state this weekend.



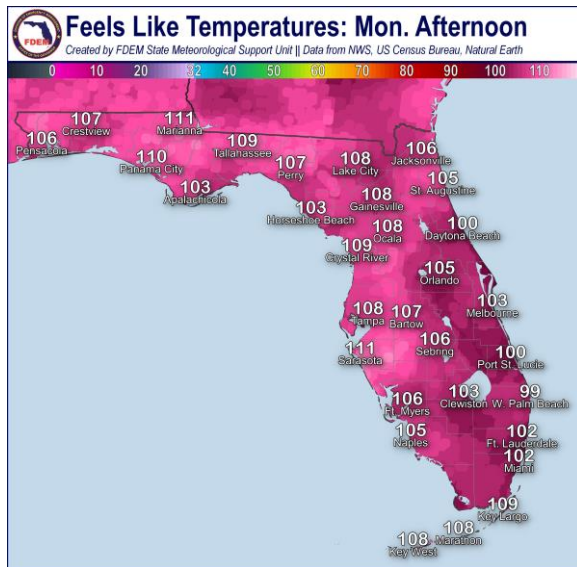
Locally sensitive wildfire conditions will be possible at times across North Florida as drier air brings **relative humidity values down to 35-50%** in the afternoons.

Showers and thunderstorms will follow the sea breezes back toward the coast through the evening and early overnight hours (10-40% chance of rain). Low temperatures will remain in the middle 70s to middle 80s each night, providing little relief from the daytime heat and humidity.

Monday – Tuesday:

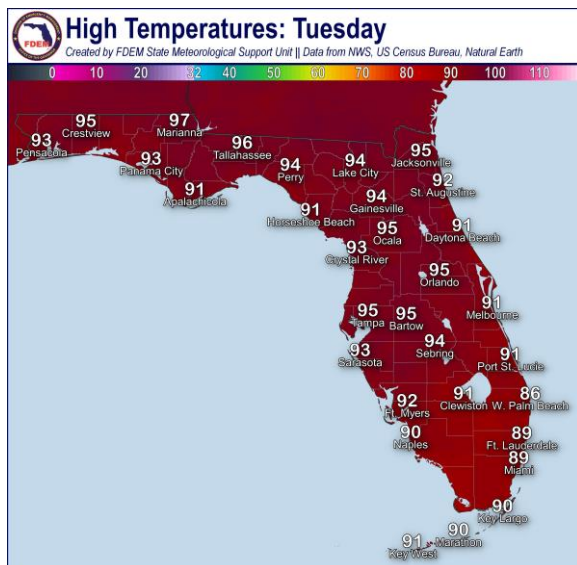
The very strong area of high pressure extending over the northern Gulf Coast will begin to shift eastward and weaken over the state early next week as an upper-level disturbance moves through the Great Lakes, allowing for scattered to numerous showers and thunderstorms along sea breeze boundaries statewide (50-80% chance of rain). More widespread activity is expected across the interior Peninsula and along and north of the I-4 corridor later in the afternoons into the evenings as the Atlantic and Gulf Coast sea breezes collide.

Moisture returning along the Florida Panhandle will allow for more scattered showers and thunderstorms through the region Monday and Tuesday than seen through the weekend. **Isolated strong to severe thunderstorms** cannot be ruled out during the peak heating hours of the day with the amplified typical summertime thunderstorm pattern. Any **strong or severe thunderstorm** that develops will be capable of producing frequent lightning, gusty winds (40-50 mph), and torrential downpours. With abundant moisture filtering in across the state, any slow-moving or training showers and thunderstorms producing heavy downpours or areas that see multiple rounds of heavy rainfall may result in instances **localized flooding** and **ponding of water** over urban and low-lying/poor drainage areas.



Dangerously hot and humid conditions

will continue to redevelop early next week with high temperatures in the upper 80s and 90s and **triple digit heat indices (100-112)** statewide. Portions of the interior Florida Panhandle may see high temperatures reach **triple digits**. **Heat Advisories** will likely be needed across portions of the state early next week with the return of moisture creating muggy conditions. *Remember to take frequent breaks from outdoor activities, wear light clothing, and drink plenty of water.*

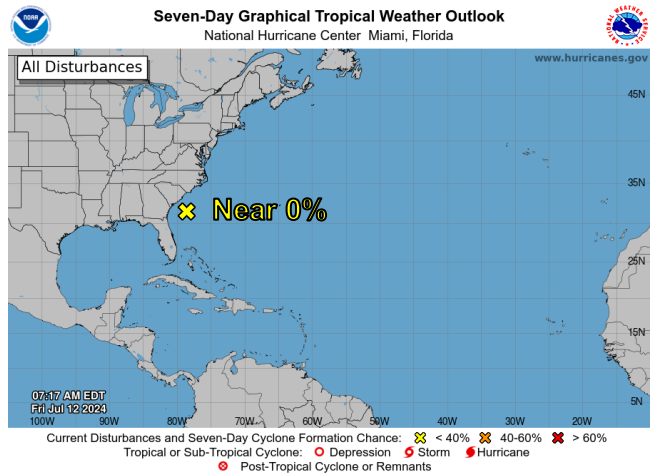


Showers and thunderstorms will linger through the evening hours then gradually dissipate after sunset (10-35% chance of rain). Showers may linger overnight along the coastal Peninsula and Keys as activity moves offshore and towards the coastal waters (25-45% chance of rain). Low temperatures will remain warm and muggy in the middle 70s to middle 80s Monday and Tuesday night, providing little relief from the daytime heat and humidity.

Tropical Weather:



Off the South & North Carolina Coast: A broad area of low pressure centered near the South and North Carolina coastline continues to produce disorganized showers and thunderstorms. Strong upper-level winds should limit any development of this system before it moves fully inland this afternoon. However, the disturbance could contribute to areas of heavy rainfall and possible flash flooding across coastal portions of the Carolinas and Mid-Atlantic through tonight. *This system poses no direct threat to Florida but could bring elevated shower and thunderstorm activity along eastern Florida and an elevated risk for rip currents through the rest of the week.*



*Formation chances through 48 hours...low...near 0%.

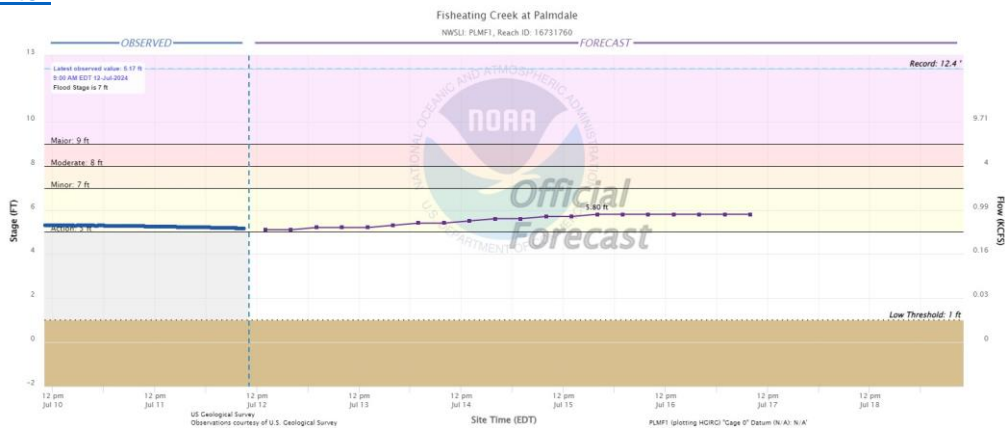
*Formation chances through 7 days...low...near 0%.

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

Hydrology & Flooding:

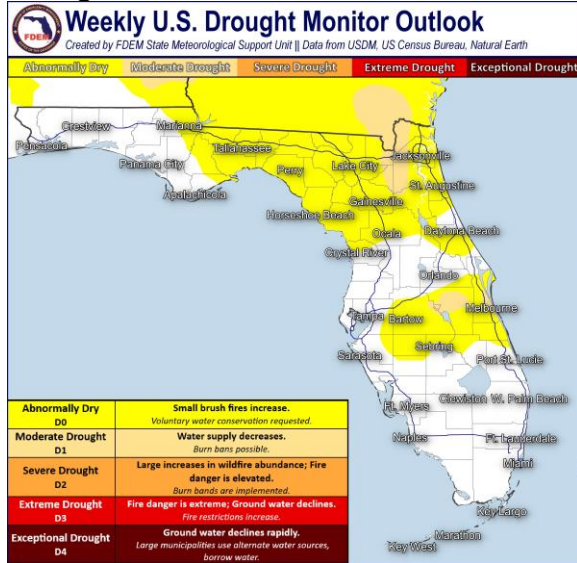
There is no organized risk for flash flooding over the next 5 days. Scattered to numerous showers and thunderstorms are expected with the sea breezes across Central and South Florida today, the entire Peninsula this weekend, and statewide early next week in the afternoons and evenings. While flash flooding is not expected, multiple rounds of **locally heavy downpours** could bring **localized flooding** and **ponding of water** at times within stronger or slow-moving shower and thunderstorm activity, especially over urban and low-lying/poor drainage areas and areas that have saturated grounds and soils from earlier rainfall. Rainfall totals of 2-4" can be expected along the Peninsula over the next 5 days with **locally higher totals** upwards of 4-6" possible. Along the Florida Panhandle, widespread rainfall totals near 1-2" are anticipated with locally higher totals near 2-4" possible. For the latest Excessive Rainfall Outlook, please visit the [Weather Prediction Center](#).

All Florida rivers, creeks and waterways remain below flood stage. [Fisheating Creek at Palmdale](#) has risen into Action Stage (bank-full); however, water levels will hold steady today before rising again in response to heavy rainfall this weekend into early next week. Additional rises within water levels in rivers, creeks and streams will be possible depending on where the heaviest rainfall occurs. There are no additional riverine concerns at this time. For more details, please visit the [River Forecast Center](#).



Lake Okeechobee's average elevation is 13.47', which is within the operational band and 0.09' below normal. Lake elevations have fallen approximately 0.04' over the past week but remain 0.78' higher than they were 30 days ago. Above normal temperatures and slightly above normal rainfall outlooked over the next week or so may allow water levels to hold steady or continue declining over the next 5 days.

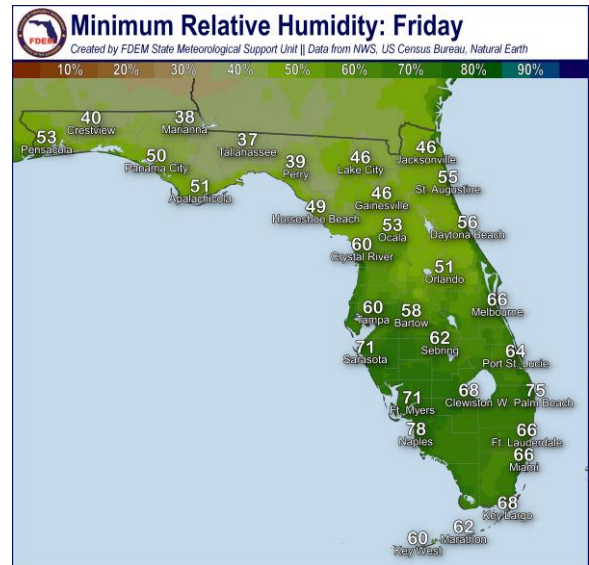
Drought & Fire Weather:



Despite temperatures remaining 2-4 degrees above normal across portions of Florida over the past week, scattered rainfall has led to some notable improvements on this week's [Drought Monitor](#) update. **Moderate drought** was removed, and some abnormally dry (*emerging drought*) conditions were eliminated across much of North and Central Florida. Abnormally dry conditions persist across the Big Bend and Northern Peninsula and south of I-4 to Sebring with pockets of **moderate drought** conditions lingering north and west of Melbourne and west of Jacksonville. 60-Day rainfall deficits are near 2-4" across much of the Northern and Central Peninsula with pockets upwards of 4-6". Continued above normal temperatures and slightly above normal rainfall forecast over the next week or so may allow drought conditions to hold steady or continue improving.

[The Keetch-Byram Drought Index](#) average for Florida is **242 (+4)** 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).

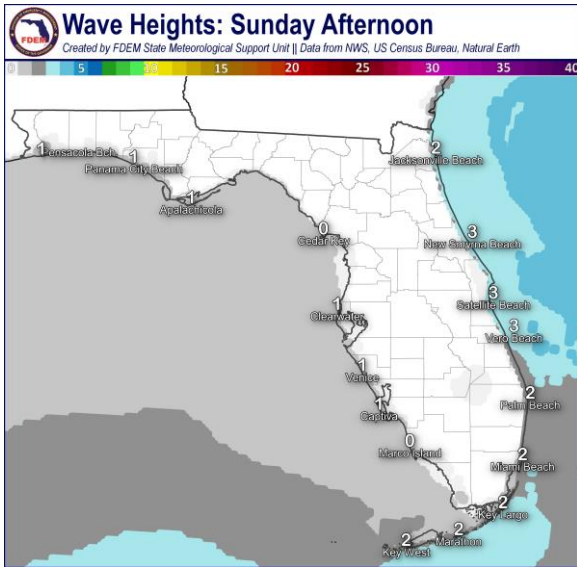
The typical summertime thunderstorm pattern can be expected nearly statewide today and this weekend and statewide early next week as high pressure and plentiful moisture will allow for scattered to numerous showers and thunderstorms along the sea breezes. *Thunderstorms will be capable of producing erratic winds and frequent lightning.* Drier air across North Florida in the wake of the recent frontal boundary may lead to **locally sensitive wildfire conditions** at times over the next 3 days as relative humidity values are pulled down to **35-50%**. Moisture will return across North Florida late this weekend into early next week as a strong area of high pressure over the state begins to weaken its grip over the state and an upper-level disturbance moves through the Great Lakes, returning relative humidity values to well above critical thresholds statewide. Winds will remain near 5-15 mph through the period, with wind gusts reaching near 10-20 mph along the sea breeze at times. According to the [Florida Forest Service fire dashboard](#), there are 20 active wildfires across the state burning approximately 181 acres (as of 2:25 PM EDT).



Rip Currents & Marine Hazards:

A **moderate to high risk for rip currents** can be expected along Northeast Coast, Central-East Coast, and several Florida Panhandle beaches today. A low risk can continue to be expected





elsewhere. A low to **moderate risk for rip currents** can be expected statewide this weekend into early next week. For the latest Rip Current Outlook, visit www.weather.gov/beach.

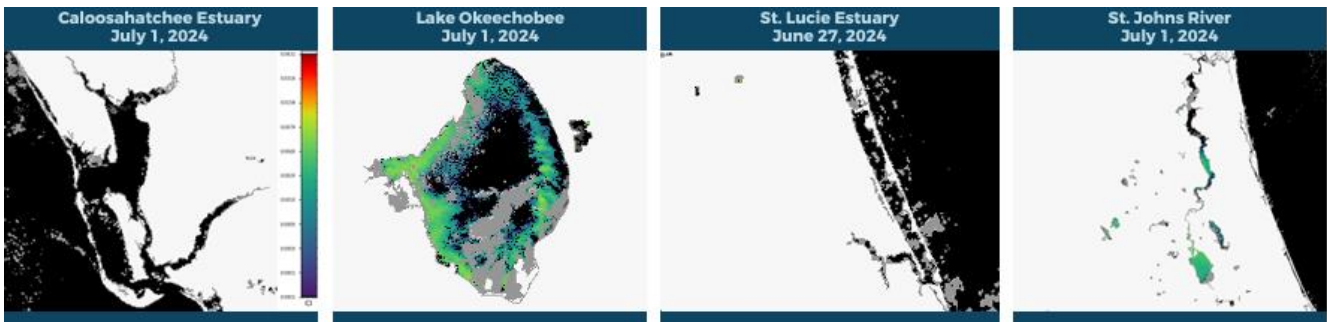
Wave heights near 2-4' can be expected along the Florida Atlantic Coast over the next 5 days with 1-2' wave heights persisting elsewhere.

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 7/3). There have been no reports of fish kills or respiratory irritation suspected to be related to red tide.

Blue-Green Algae, although partially obscured by cloud cover, was observed on the most recent satellite imagery (7/1) at low to **moderate bloom potential** on approximately 50% of Lake Okeechobee.

Satellite imagery of the St. Johns River also obtained on 7/1 and partially obscured by cloud cover showed low to **moderate bloom potential** from Lake George downstream to Doctors Lake. Satellite imagery obtained on 7/1, although 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 6/27 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

