

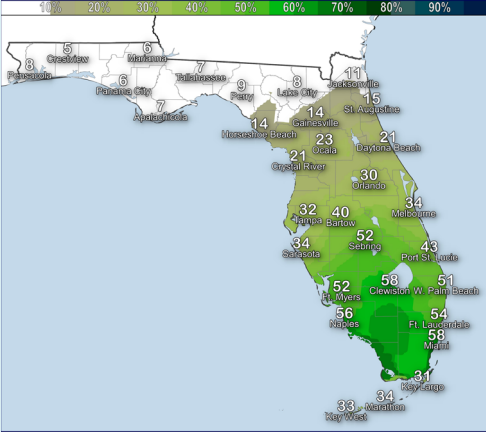
Friday, June 7, 2024

5-Day Statewide Weather Outlook

No Threat		Low Threat		Moderate Threat		High Threat		
Day	Lightning	Tornado	Damaging Wind	Hail	Flash Flooding	Excessive Heat	Wildfire	Rip Currents
Fri	Peninsula FL Panhandle		Locally Iso. Peninsula	Iso. Peninsula	Locally Iso. Peninsula	Peninsula Statewide	Locally Interior N & Central FL	Statewide W & SE Coast
Sat	South FL Peninsula		Locally Iso. South FL	Iso. South FL	Locally Iso. South FL	Peninsula Big Bend & Keys	I-10 Corridor Interior N & Central FL	Statewide W & SE Coast
Sun	South FL Peninsula		Locally Iso. South FL	Iso. South FL	Locally Iso. South FL	Peninsula Statewide	N-Peninsula Interior N & Central FL	Panhandle & CE Coast W & E Coast
Mon	Locally Peninsula FL Panhandle	Iso. Statewide	Locally Peninsula	Peninsula	South & W-Central FL Iso. Peninsula	Peninsula Statewide	Interior N & Central FL	Locally Statewide West Coast
Tue	Locally Statewide Panhandle	Locally Iso. Statewide	Locally Statewide	Statewide	W-Peninsula	W-Central FL Peninsula North Florida	Locally Iso. Int. Peninsula	Locally Statewide West Coast

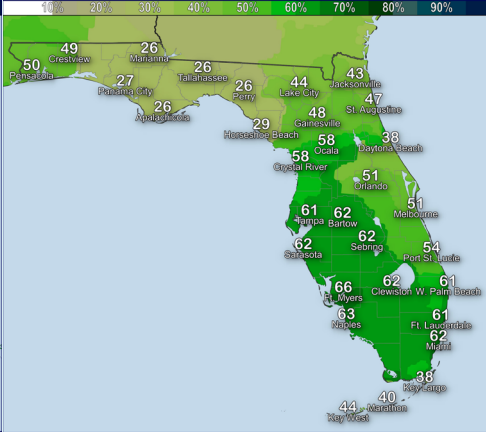
Chance of Rain: Sunday

Created by FDEM State Meteorological Support Unit | Data from NWS, US Census Bureau, Natural Earth



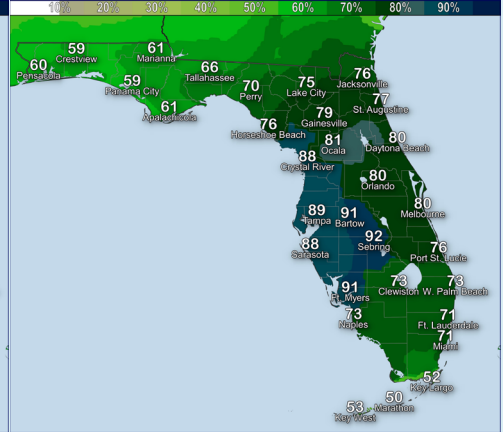
Chance of Rain: Monday

Created by FDEM State Meteorological Support Unit | Data from NWS, US Census Bureau, Natural Earth



Chance of Rain: Tuesday

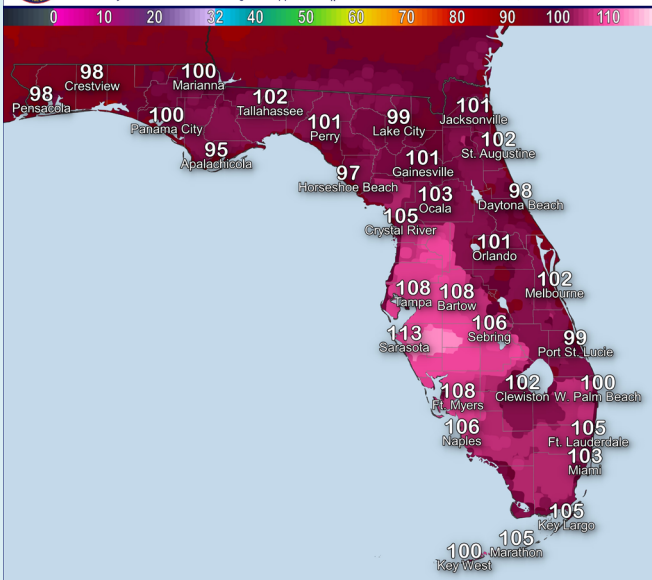
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Chance of Rain: Sunday, Monday, Tuesday

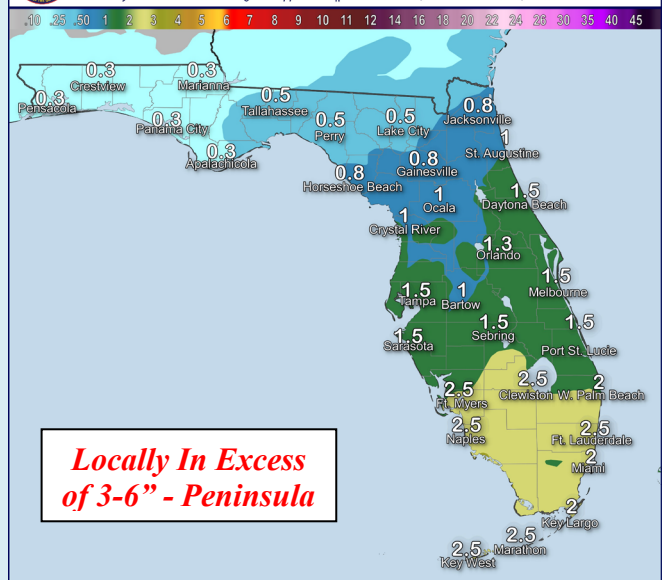
Feels Like Temperatures: Tue. Afternoon

Created by FDEM State Meteorological Support Unit | Data from NWS, US Census Bureau, Natural Earth



5-Day Rainfall Totals: Friday

Created by FDEM State Meteorological Support Unit | Data from WPC, US Census Bureau, Natural Earth



Locally In Excess of 3-6" - Peninsula

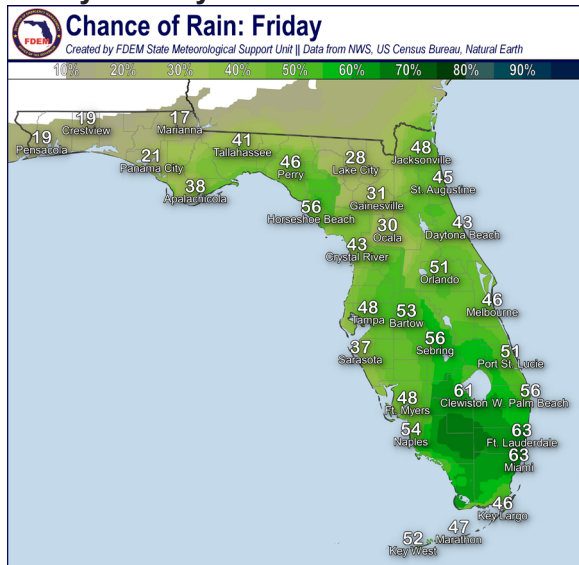
Maximum Feels-Like Temperatures: Tuesday

Forecast Rainfall Totals: Through Tuesday Night



...Scattered Sea Breeze Showers and Thunderstorms Along the Peninsula and Keys Today and South of I-4 and Along the Keys This Weekend...A Few Strong to Severe Thunderstorms and Isolated Instances of Flooding and Ponding of Water Cannot Be Ruled Out...A Wet Weather Pattern Is Expected to Return Early-to-Mid Next Week...Marginal Risk for Flash Flooding Along the Western Peninsula Tuesday...Strong to Severe Thunderstorms May Be Possible...Triple Digit Heat Indices (100-115) Nearly Statewide Over the Next 5 Days...Heat Advisories In Effect Along Southeast Florida Today...Additional Heat Advisories and Excessive Heat Warnings Will Likely Be Issued This Weekend and Early Next Week As Conditions Warrant...Sensitive to Locally Elevated Wildfire Conditions Persist Across Interior North and Central Florida...Moderate Risk for Rip Currents to Persist Along Several Panhandle and East Coast Beaches With a Low Risk Elsewhere...

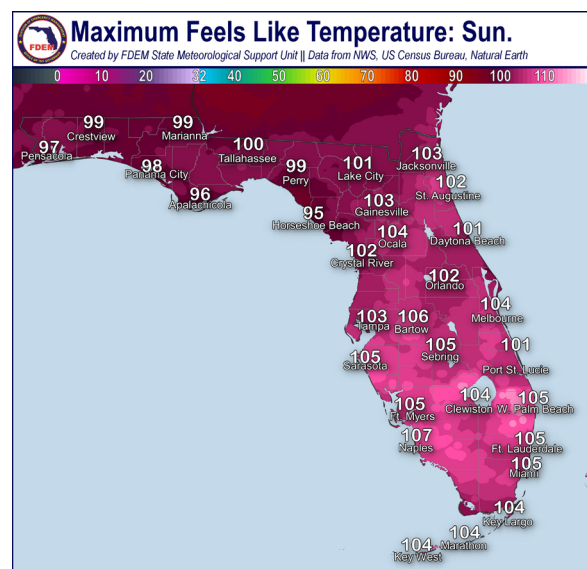
Friday-Sunday:



A weak frontal boundary will bring drier conditions across the Florida Panhandle throughout the day with a few showers and thunderstorms in the Big Bend (30-45% chance of rain). Ahead of the frontal boundary, scattered to numerous showers and thunderstorms will develop across the Peninsula and Keys this afternoon and evening with the sea breeze boundaries (40-65% chance of rain). Activity will become more widespread and robust along and west of the I-95 corridor as sea breeze boundaries collide over the Peninsula later today. These showers and thunderstorms will follow the sea breezes back towards the coastlines in the evening, continuing into the early overnight hours along the Peninsula and Keys before dissipating (20-45% chance of rain). The frontal boundary will stall over the Northern Peninsula this weekend before fading, allowing high pressure and drier air to briefly build in

north of the I-4 corridor and through the Panhandle (5-30% chance of rain). Isolated to scattered showers and thunderstorms will persist south of the I-4 corridor and through the Keys this weekend with the afternoon sea breezes (35-60% chance of rain), moving offshore and dissipating overnight (20-50% chance of rain). A few **strong to severe thunderstorms** capable of producing gusty winds (40-50 mph), frequent lightning, isolated small hail, and heavy downpours will be possible thanks to abundant daytime heating. Locally heavy downpours over urban and low-lying/poor drainage areas may lead to isolated instances of localized **flooding** and **ponding of water**.

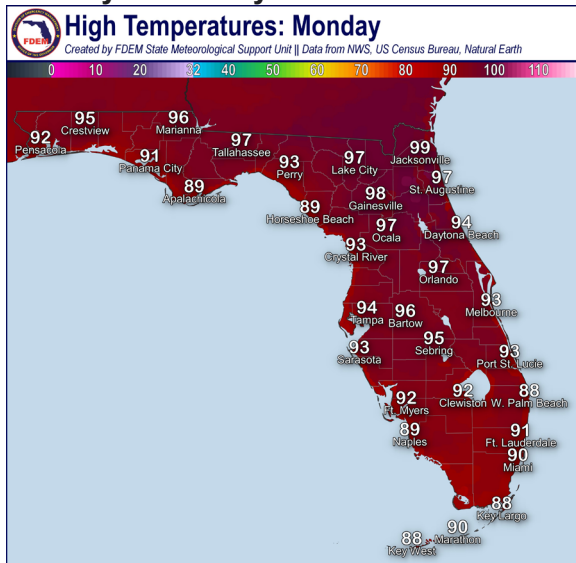
High temperatures will rise into the 90s across the state with **triple digits** possible in the Northern Peninsula Sunday. **Heat indices** will reach the **upper 90s to triple digits (97-110)** statewide today and Sunday and nearly statewide Saturday. **Heat Advisories** are in effect along Southeast Florida this afternoon as **heat indices** are expected to reach **107-110-degrees**. Additional **Heat Advisories** may be issued today and over the weekend as hot and muggy



conditions persist. **Excessive Heat Warnings** cannot be ruled out. With lack of rainfall, ongoing drought conditions, and warm temperatures, **sensitive to locally elevated wildfire conditions** will persist through interior North and Central Florida.

Low temperatures will fall into the upper 60s to middle 70s along the Florida Panhandle and Suwannee Valley each night with 70s through the Peninsula and low to middle 80s along the Keys, giving little relief to daytime heat and humidity. Areas of **patchy fog** may be possible at times during the overnight and early morning hours across interior North and Central Florida.

Monday – Tuesday:



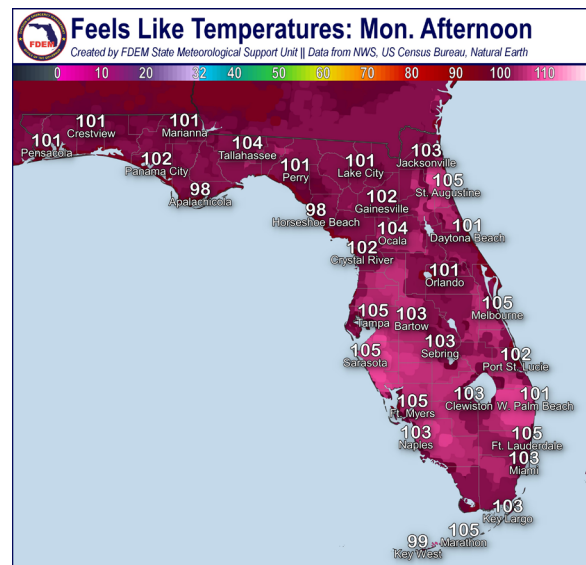
Widespread showers and thunderstorms producing heavy rainfall may be possible across the Peninsula and Keys next week as the next frontal boundary moves southeastward into North Florida before stalling, lifting a tropical wave northward and tapping into abundant tropical moisture. With Southern Florida remaining under the periphery of weakening high pressure to the east and lingering dry air, rain chances will remain somewhat lower along the Florida Panhandle (20-50% chance of rain) and Peninsula (45-65% chance of rain). Abundant moisture will return by Tuesday, allowing for widespread showers and thunderstorms to develop (60-90% chance of rain). There remains uncertainty as to where the heaviest rainfall will occur and how much rainfall can be expected next week. While ongoing drought conditions across much of the Peninsula will help to

slow or prevent the onset of flood conditions, instances of **flooding** and **ponding of water** will still be possible next week, especially along urban corridors and over low-lying/poor drainage areas. There is no organized risk for flash flooding Monday at this time; however, the Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Western Peninsula Tuesday as heavy downpours become more widespread and soil moisture increases. **Strong to severe thunderstorms** may also be possible Monday and Tuesday.

High temperatures will continue to rise into the 90s across the state Monday with **heat indices**, or feels like temperatures, in the **upper 90s and triple digits (100-110)** nearly statewide.

High temperatures are forecast to remain in the upper 80s to middle 90s across the state with **heat indices** in the **triple digits (97-114)**. Heat Advisories will likely be issued for portions of the Peninsula on Monday and Tuesday. **Excessive Heat Warnings** may also be needed along West-Central and Southwest Florida as returning moisture creates dangerously high heat indices Tuesday afternoon.

Moisture will begin to return to the state early next week as the next frontal boundary moves into North Florida and stalls; however, lingering dry air across interior North and Central Florida Monday afternoon will continue to allow for **sensitive wildfire conditions**. While there remains uncertainty as to where the heaviest rainfall will occur early, adequate widespread rainfall would help to provide some relief from ongoing drought conditions in the Peninsula.



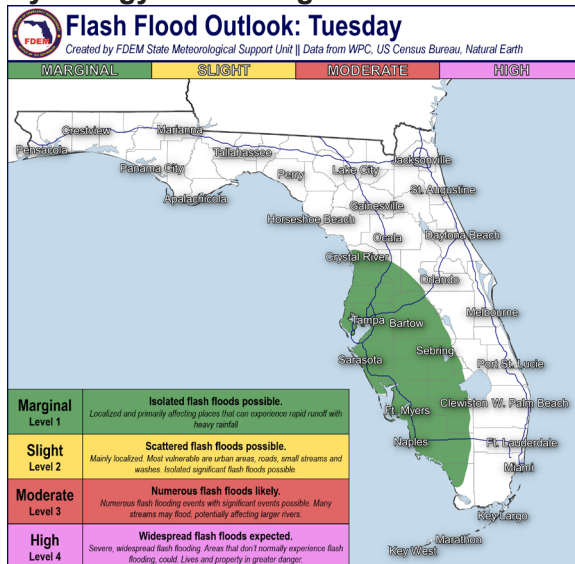
Shower and thunderstorm activity will likely decrease but continue into the overnight hours across the state Monday and Tuesday night (30-60% chance of rain). Scattered to numerous showers and thunderstorms will likely persist through the overnight hours along coastal areas and adjacent coastal waters (60-75% chance of rain). Low temperatures will remain in the 70s with low to middle 80s along the Keys.

Tropical Weather:

Tropical Cyclone Activity is NOT Expected Over the Next 7 Days.

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 3 days. Scattered showers and thunderstorms will develop across much of the state today and across South Florida this weekend with afternoon sea breeze activity, bringing heavy rainfall at times. **Localized flash flooding** cannot be ruled out across urban and low-lying/poor drainage areas, especially with slow-moving showers and thunderstorm or multiple rounds of stronger activity. Rainfall totals near 1-2" are forecast over the next 3 days, but multiple rounds of heavy rainfall within stronger activity could lead to **locally higher rainfall totals of 2-5"**. Scattered to numerous showers and thunderstorms producing widespread heavy rainfall may be possible across the state early-to-mid next week as the frontal boundary moves southeastward into North Florida, lifting a tropical wave northward and tapping into abundant

tropical moisture. There remains uncertainty as to where the heaviest rainfall will occur and how much rainfall can be expected next week. While ongoing drought conditions across much of the Peninsula will help to slow or prevent the onset of flood conditions, instances of **flooding** and **ponding of water** will still be possible next week, especially along urban corridors and over low-lying/poor drainage areas. There is no organized risk for flash flooding Monday at this time; however, the Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Western Peninsula Tuesday as heavy downpours become more widespread and soil moisture increases. Updates to the area and risk level of the Flash Flood outlook for next week can be expected in the coming days as the system develops and where the heaviest rainfall will occur becomes clearer. Widespread rainfall totals are currently forecast to reach 1-3" along the Peninsula over the next 5 days with **locally higher totals in excess of 3-6"** possible. For the latest Excessive Rainfall Outlook, please visit the [Weather Prediction Center](#).

Water flowing downstream from the Withlacoochee and Suwannee River basins continues, allowing for water levels to run at Action Stage (bank-full). A **River Flood Warning** remains in effect for the [Santa Fe River at Three Rivers Estates](#) as **minor flooding** is occurring and is forecast to continue through early Tuesday morning before falling back into Action Stage. Water levels continue to slowly decline along the Suwannee River basin but remain within Action Stage. Widespread heavy rainfall possible across the Peninsula next week may lead to water levels rises in rivers and waterways across the region; however, it is too soon determine which rivers and waterways are most likely to be impacted and how much water levels can be expected to rise. There are no additional riverine concerns at this time. For more details, please visit the [River Forecast Center](#).



Lake Okeechobee's average elevation is 12.71', which is within the operational band and 0.42' below normal. Lake elevations have fallen approximately 0.31' over the past week and approximately 1.26' over the past 30 days. Above normal temperatures and limited rainfall across South and Central Florida through the weekend will likely allow water levels to continue falling; however, widespread heavy rainfall possible next week may lead to water level rises.

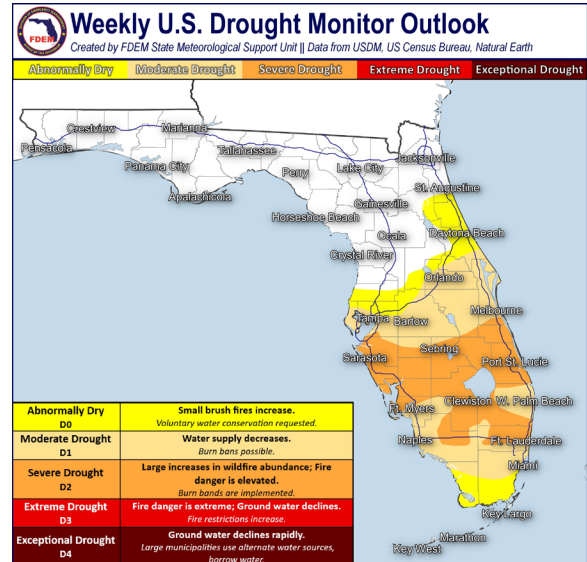
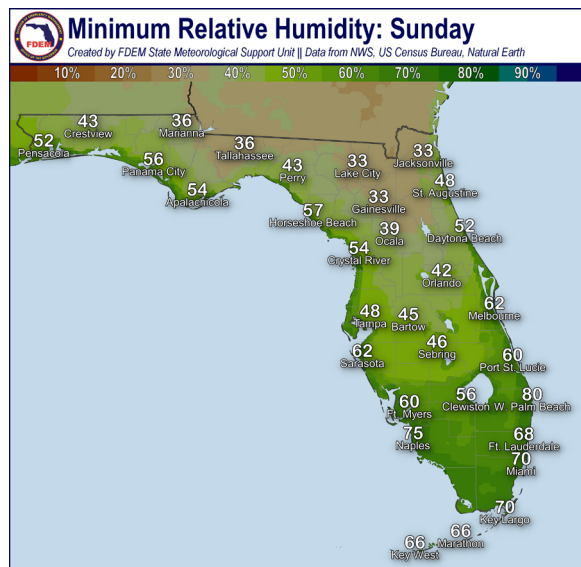
Drought & Fire Weather:

Degrading drought conditions continue throughout the Peninsula as the summertime thunderstorm pattern has been slow to start. **Severe drought conditions** have expanded across the southern Peninsula and into Broward and Collier Counties **moderate drought conditions** expanding to the I-4 corridor on this week's [Drought Monitor](#) update. Above normal temperatures and lack of rainfall has continued to bring worsening drought conditions, with declining streamflows and falling water levels in Lake Okeechobee. Rainfall deficits over the last 90-days have reached 5-8" below normal along the swath of severe drought conditions across Central Florida. Near record high temperatures, dry conditions and lack of summertime rainfall have also contributed to numerous acres of wildfire burns throughout the Peninsula.

Widespread heavy rainfall may be possible next week, which would help to provide some relief from ongoing drought conditions in the Peninsula.

The [Keetch-Byram Drought Index](#) average for Florida **523 (+11)** on a scale from 0 (very wet) to 800 (very dry). There are **45** Florida counties (Alachua, Baker, Bradford, Brevard, Broward, Charlotte, Clay, Collier, Columbia, DeSoto, Dixie, Duval, Flagler, Gilchrist, Glades, Hardee, Hendry, Hernando, Highlands, Hillsborough, Indian River, Lake, Lee, Levy, Manatee, Marion, Martin, Miami-Dade, Monroe, Nassau, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, Sarasota, Seminole, St. Johns, St. Lucie, Sumter, Union, and Volusia) with an average KBDI over 500 (drought/increased fire danger).

Relatively drier conditions will remain linger across the interior Peninsula and Florida Panhandle, allowing for relative humidity values to reach 40-50% by the late afternoon hours today.



Drier air will filter further southward into North Florida and the interior Peninsula behind a weak frontal boundary this weekend, allowing for relative humidity values to reach 30-45% in the afternoons. Moisture will begin to return to the state early next week as the next frontal boundary moves into North Florida and stalls; however, relative humidity values will continue to fall to 35-50% across the interior North and West-Central Florida Monday afternoon. With lack of rainfall, moderate to severe drought conditions, and warm temperatures, **sensitive to locally elevated wildfire conditions** will persist throughout the interior Peninsula over the next 4-5 days. Burn bans are in effect for numerous Central and South Florida counties and a Burn Ban Local State of Emergency is in effect for Manatee County through Monday, at least. Scattered to numerous showers and thunderstorms producing



widespread heavy rainfall may be possible across the state early-to-mid next week as the frontal boundary moves southeastward into North Florida, lifting a tropical wave northward and tapping into abundant tropical moisture. While there remains uncertainty as to where the heaviest rainfall will occur, adequate widespread rainfall would help to suppress ongoing wildfires and provide some relief from ongoing drought conditions in the Peninsula. *Thunderstorms developing with sea breeze activity in South and Central Florida today and through the weekend will be capable of producing erratic winds and frequent lightning at times.* According to the [Florida Forest Service fire dashboard](#), there are 120 active wildfires across the state burning approximately 12,024 acres (as of 2:25 PM EDT).

Rip Currents & Marine Hazards:

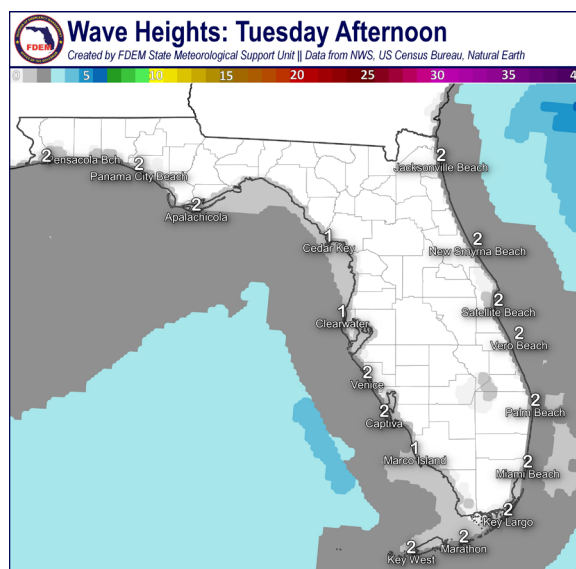
A low to **moderate risk for rip currents** will generally persist across the state over the next 5 days with a **locally high risk** along Gulf County beaches early next week. For the latest Rip Current Outlook, visit www.weather.gov/beach.

1-2' wave heights will persist across all Florida beaches over the next 5 days with locally 3' breaking waves possible at times today and early next week.

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 5/31). There have been no reports of fish kills or respiratory irritation suspected to be related to red tide.

Blue-Green Algae was observed via satellite on 5/29 at low to **high bloom potential** on approximately 50% of Lake Okeechobee, primarily along the entire shoreline of the lake. Satellite imagery of the St. Johns River from 5/30 showed low to **moderate bloom potential** from Lake George downstream to Doctors Lake. Satellite imagery obtained on 5/29, although partially obscured by cloud cover, showed no significant bloom potential in visible portions of the Caloosahatchee River or Estuary. Satellite imagery also obtained of 5/29 and partially observed by cloud cover showed no visible bloom potential along the St. Lucie River or 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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[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

