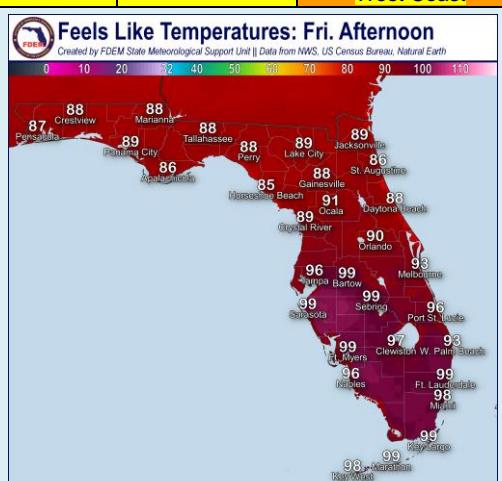
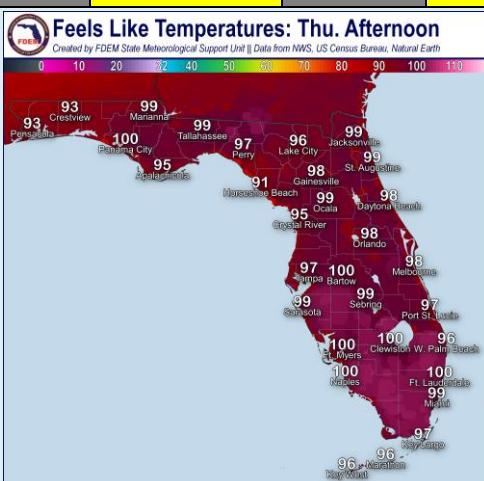
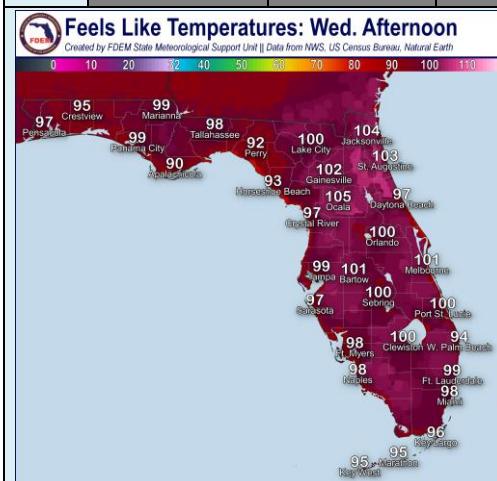


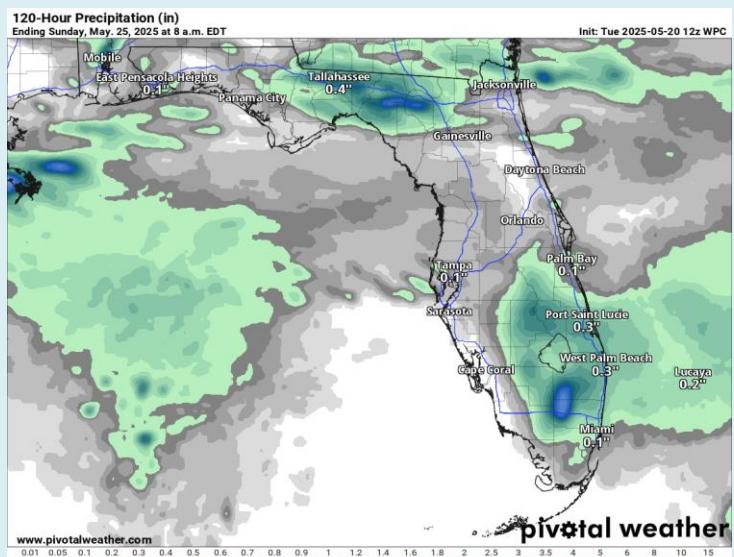
Tuesday, May 20, 2025

## 5-Day Statewide Weather Outlook

No Threat			Low Threat		Moderate Threat		High Threat	
Day	Lightning	Tornado	Damaging Wind/Hail	Excessive Heat	Flash Flooding	Fog (Overnight)	Wildfire	Rip Currents
Tue				Int. NE FL & Peninsula Statewide		Suwannee Valley & South FL Statewide	Int. Peninsula	Panhandle Northeast FL Elsewhere
Wed	Big Bend & Northeast FL Statewide		Big Bend & Northeast FL Iso. Statewide	Int. NE FL & Peninsula Statewide		Locally Peninsula	Int. Peninsula	Panhandle Northeast FL Elsewhere
Thu	Central & South FL		Locally Iso. Central & South FL	Iso. Big Bend & South Florida Statewide		Locally South Florida	Locally North FL	Panhandle East Coast West Coast
Fri	South Florida Iso. Central FL		Iso. South Florida	West-Central & South FL		Locally South Florida	Locally Iso. North FL	Panhandle East Coast West Coast
Sat	Iso. South Florida		Iso. South FL	West-Central & South FL		Locally South Florida	North & Central FL	Locally Panhandle & East Coast West Coast



Forecast Feels-Like Afternoon Temperatures: Wednesday, Thursday &amp; Friday



Practice Heat Safety

5 Day Forecast Rainfall Totals through Saturday Evening



FDEM Statewide 5-Day Weather Outlook  
5.20.25



...Mostly Dry Conditions to Start Off Forecast Period...Increasing Shower and Thunderstorm Chances Return Wednesday with Approaching Frontal Boundary; Locally Strong to Severe Thunderstorms Possible for Big Bend and Northeast Florida...Frontal Boundary Lingering Through Rest of Week to Bring Chances of Rain Throughout Central and South Florida; Locally Strong Thunderstorms Possible With Help of Sea Breeze...Summertime Heat and Humidity Continues Through Mid-to-Late Week Before Drier Conditions Return...Improvements to Drought Monitor Following Heavier Rainfall, But Conditions to Likely Worsen on Next Update From Warm and Dry Conditions...Panhandle Beaches Likely to See High Risk for Rip Currents Throughout Forecast Period...

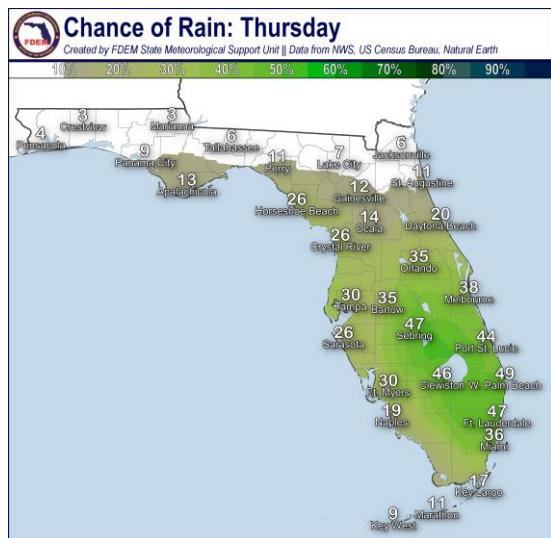
### Tuesday – Saturday:

Mostly dry conditions can be expected to persist on Tuesday as high pressure begins to slide eastward towards the open Atlantic waters ahead of an approaching cold front from the north. This cold front will remain relatively weak as it approaches Tuesday afternoon and evening, but may allow for some isolated showers during the late daytime hours along the Panhandle (10-15% chance of rain). There may be a chance for an embedded thunderstorm for the northwestern portion of the Panhandle if conditions allow for development. The daily sea breeze will also allow for isolated showers along the eastern Peninsula, mostly along East-Central Florida, throughout the afternoon hours (15-20% chance of rain). By Wednesday, the cold front continues to sink further south towards the I-10 corridor during the morning hours, which may allow for isolated showers and embedded rumbles of thunder across the region. Later in the daytime hours, the interaction between the front and the daily sea breeze across North Florida will allow for scattered showers and thunderstorms to develop (35-60% chance of rain). **Embedded strong to severe thunderstorms** will be possible with the help of daytime heating, and the Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 5) for Severe Weather** throughout the Big Bend and Northeast Florida. Any **strong to severe thunderstorm** that develops will be capable of producing lightning, damaging wind gusts (50-60 mph) and locally heavy rainfall. The front will then continue to push through Central Florida on Thursday, allow for additional scattered showers and thunderstorms to develop during the afternoon and evening hours ahead of the front across the Peninsula (25-50% chance of rain). There is no organized risk for severe weather; however, **locally strong thunderstorms** cannot be ruled out with the help of daytime heating processes and the sea breeze. Locally strong thunderstorms may be capable of producing lightning, gusty winds, small hail and heavy rainfall. Behind the cold front, drier conditions will return across North Florida as weak high pressure moves in.

Showers that develop throughout the afternoon on Tuesday will mostly dissipate and move offshore through the late evening and overnight hours. There may be a chance for spotty showers to linger overnight along the eastern Peninsula, but they should remain light and brief. Overnight Wednesday, shower and thunderstorm activity will diminish as the sea breeze pushes offshore and the frontal boundary pushes through North Florida. Showers will re-develop off the Florida West Coast during the predawn hours on Thursday before moving inland in the morning hours. Similar conditions can be expected for Thursday night as the front stalls over South Florida. **Fog** can be expected each



night throughout the state Tuesday and Wednesday, with areas of **locally dense fog** possible. Fog development will be more likely across the Peninsula as the frontal boundary stalls.



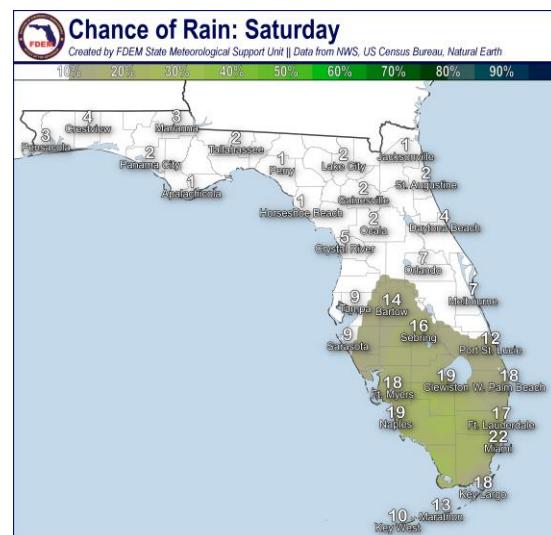
High temperatures will continue to reach the upper 80s to lower 90s across North Florida through the next couple of days. Throughout Central and South Florida high temperatures will reach the lower to middle 90s as well. **Heat index values**, or feels-like temperatures will remain in the **upper 90s to lower 100s** throughout the state each day, with portions of interior Northeast Florida and the Peninsula approaching or reaching the **middle 100s** by the early to mid-afternoon hours. Low temperatures will fall into the lower to middle 70s throughout North and Central Florida Tuesday night, with low temperatures in the upper 70s to lower 80s across South Florida. As slightly cooler air filters in overnight Wednesday, low temperatures will fall into middle to upper 60s across North Florida while Central and South Florida remain in the 70s to lower 80s.

## Friday – Saturday:

The frontal boundary will stall over South Florida Friday and into the weekend, helping to keep isolated to widely scattered showers and thunderstorms possible each day as moisture remains elevated near the front (30-45% chance of rain). **Locally strong thunderstorms** may be possible each day with the help of the sea breeze and daytime heating across portions of Central and South Florida, but overall organized severe weather remains limited. **Locally strong thunderstorms** may be capable of producing lightning, gusty winds, small hail and heavy downpours. Behind the front, mostly dry conditions can be expected to continue through the end of the week and the first half of the holiday weekend as high pressure settles into the Southeast U.S.

Mostly dry conditions can be expected during the overnight hours as daytime shower and thunderstorm activity dissipate and moves offshore with the sea breeze. **Instances of fog** will be possible throughout Central and South Florida as moisture remains elevated near the lingering frontal boundary and winds remain calm.

High temperatures will reach the lower to middle 90s each day throughout the state. Heat index values will reach the lower 90s across portions of North Florida through the end of the week following drier conditions. Similarly, **heat index values** throughout the Peninsula will reach the lower to **middle 90s**, with portions of West-Central and South Florida still seeing values in the **upper 90s to lower 100s**. Cooler air continues to filter in behind the stalled front across North Florida keeping low temperatures in the middle to upper 60s Friday night. Central and South Florida will see slightly cooler temperatures in the upper 60s to middle 70s overnight, but the Florida Keys will continue to see low temperatures in the lower 80s. By Saturday night low temperatures throughout the state will reach the middle 60s to middle 70s, except for Southeast Florida and the Keys which can expect low temperatures in the upper 70s and lower 80s.



## Hydrology & Flooding:

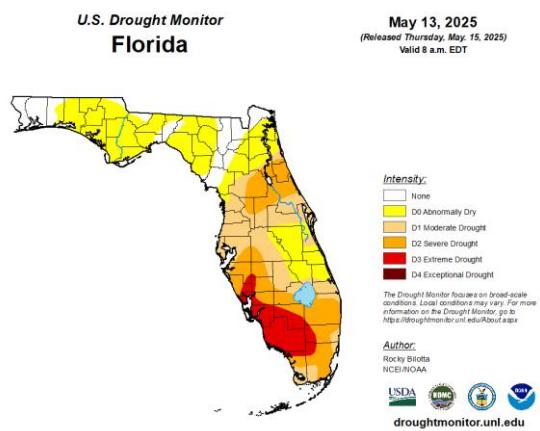
Flash flooding is not expected over the next five days. Locally heavy rainfall may lead to rainfall totals upwards of 1-3" across portions of interior East-Central and Southeast Florida. For the latest on the rainfall outlook, please visit the Weather Prediction Center (WPC) [website](#).

All rivers, creeks and waterways will remain below flood stage. There are no riverine concerns at this time. For more information, visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 11.14 feet, which is within the operational band and 2.12 feet below normal for this time of year.

## Fire Weather:

**Extreme drought** has diminished across much of South Florida and throughout interior West-Central Florida. Severe drought has also decreased along interior parts of Central Florida on the [Drought Monitor](#) (5/13) update. The reduction of **severe to extreme drought conditions** were led by increased rainfall rates that occurred last week across most portions of central and southern tip of Florida. **Numerous burn bans** remain in place throughout much of Florida West Coast counties (Charlotte, Collier, Desoto, Glades, Hendry, Lake, Lee, Manatee, Osceola, Pasco, and Sarasota). with ongoing dry conditions and above normal temperatures during the first beginning weeks of May.



Improving conditions can also be seen along Florida as **moderate drought conditions** no longer exist. For the upcoming drought monitor to be released on Thursday will likely show expansion of severe to extreme drought conditions across portions of Central and South Florida following a dry period and warm temperatures.

The [Keetch-Byram Drought Index](#) average for Florida is **324 (+16)** on a scale from 0 (very wet) to 800 (very dry). There are **2** Florida counties (Collier and Lee) with an average KBDI over 500 (drought/increased fire danger).

**Sensitive wildfire conditions** will be possible through midweek throughout the interior Peninsula with ongoing drought conditions and lack of significant

rainfall. Moisture ahead of an approaching frontal boundary will increase midweek which should help to keep relative humidity values above critical thresholds. The main concern throughout the Peninsula for latter portions of the week will be embedded thunderstorm activity that will be capable of producing lightning and erratic winds. *These conditions may contribute to the igniting of new fires or spreading of existing ones.* **Locally sensitive wildfire conditions** may also return across North Florida in the wake of the passing cold front as drier conditions return and allow for relative humidity values to fall near critical thresholds; however, rainfall associated with the front should keep grounds and soils saturated. Foggy conditions each morning may further reduce visibilities where there are ongoing wildfires. According to the [Florida Forest Service](#), there are currently 74 active wildfires across the state burning approximately 2,383 acres.

## Rip Currents & Marine Hazards:

Instances of **high risks for rip currents** are expected due to breezy onshore winds along the Panhandle. A low to **moderate risk** will continue statewide as winds weaken and ocean swells continue to dissipate until the weekend. For the latest Rip Current Outlook, visit [www.weather.gov/beach](#).

Ocean swells across the Emerald and Forgotten Coast on Tuesday and Wednesday will produce wave heights of 1-3', with larger breaking waves in the surf zone **upwards of 4'**. Most other beaches across the state will see wave heights return to 1-2' through the rest of the week and into the weekend with the help of calm marine conditions



**Red Tide** has been observed in **3** samples offshore of Charlotte, Manatee and Sarasota counties as of 5/16.

The latest **Blue-Green Algae** report shows algal bloom conditions were reported at 17 site visits from 5/9 to 5/15. Low to **moderate bloom potential** along the northwest shore from Fisheating Creek north to Okeechobee and along the southern shoreline, with scattered low to **moderate bloom potential** on approximately 15% of Lake Okeechobee. **Moderate to high bloom potential** was also observed via satellite imagery throughout Lake George, with scattered low to **high bloom potential** on the mainstem of the St. Johns River downstream to Palmo Cove. All of Doctors Lake is showing **moderate to high bloom potential**. No bloom potential was indicated on visible portions of the St. Lucie and Caloosahatchee Estuaries.

[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 rest of the week!

Kennedy Tartt, Assistant State Meteorologist

Jack Anderson, Meteorological Intern

Florida Division of Emergency Management

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

