<table>
<thead>
<tr>
<th>Day</th>
<th>Lightning</th>
<th>Tornado</th>
<th>Damaging Wind/Hail</th>
<th>Flash Flooding</th>
<th>Excessive Heat</th>
<th>Wildfire</th>
<th>Riverine Flooding</th>
<th>Rip Currents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri</td>
<td>Locally</td>
<td>Panhandle</td>
<td>W-Panhandle</td>
<td>W-Central &amp; SW FL &amp; Keys</td>
<td>Central FL</td>
<td>North FL</td>
<td>Santa Fe River &amp; Three Rivers Estates</td>
<td>Panhandle &amp; SE East Coast West Coast</td>
</tr>
<tr>
<td>Sat</td>
<td>Big Bend &amp; South FL</td>
<td>Locally</td>
<td>Panhandle</td>
<td>Locally</td>
<td>W-Central FL</td>
<td>N-Peninsula</td>
<td>Santa Fe River &amp; Three Rivers Estates</td>
<td>Panhandle &amp; SE East Coast West Coast</td>
</tr>
<tr>
<td>Sun</td>
<td>Locally</td>
<td>Locally</td>
<td>NW Panhandle</td>
<td>Locally</td>
<td>Central FL</td>
<td>N-Peninsula</td>
<td>Santa Fe River &amp; Three Rivers Estates</td>
<td>Panhandle &amp; SE East Coast West Coast</td>
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<tr>
<td>Mon</td>
<td>Locally</td>
<td>Locally</td>
<td>Locally</td>
<td>Locally</td>
<td>Locally</td>
<td>Peninsula</td>
<td>Santa Fe River &amp; Three Rivers Estates</td>
<td>Panhandle &amp; SE East Coast West Coast</td>
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<tr>
<td>Tue</td>
<td>Locally</td>
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<td>Locally</td>
<td>Peninsula</td>
<td>Santa Fe River &amp; Three Rivers Estates</td>
<td>Panhandle &amp; SE East Coast West Coast</td>
</tr>
</tbody>
</table>

**Chance of Rain:**
- **Sunday:** 10%
- **Monday:** 10%
- **Tuesday:** 10%

**Forecast Maximum Wind Gusts:**
- **Saturday:**
  - Tropical Storm: 74 MPH
  - Hurricane: 111 MPH

**5-Day Rainfall Totals:**
- **Friday:**
  - 0-1.00
  - 1.01-2.00
  - 2.01-3.00
  - 3.01-4.00
  - 4.01-5.00
  - 5.01-6.00
  - 6.01-7.00
  - 7.01-8.00
  - 8.01-9.00
  - 9.01-10.00
  - 10.01-11.00
  - 11.01-12.00
  - 12.01-13.00
  - 13.01-14.00
  - 14.01-15.00
  - 15.01-16.00
  - 16.01-17.00
  - 17.01-18.00
  - 18.01-19.00
  - 19.01-20.00
  - 20.01-21.00
  - 21.01-22.00
  - 22.01-23.00
  - 23.01-24.00
  - 24.01-25.00
  - 25.01-26.00
  - 26.01-27.00
  - 27.01-28.00
  - 28.01-29.00
  - 29.01-30.00
  - 30.01-31.00

**5.31.24 FDEM Statewide Weather Outlook**

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**Florida Department of Emergency Management**

**FloridaDisaster.org**
...Isolated to Scattered Showers and Thunderstorms Expected Nearly Statewide Through the Period Thanks to Sea Breezes and Several Upper-Level Disturbances...A Few Strong to Severe Thunderstorms and Instances of Localized Flooding and Ponding of Water May Be Possible...Marginal Risk For Severe Weather In the Panhandle Saturday...Marginal to Slight Risk For Flash Flooding In the Panhandle Today and Saturday...Heat Indices Will Continue to Rise Into the Middle 90s To Triple Digits Nearly Statewide...Sensitive to Elevated Wildfire Conditions Across Portions of North and Central Florida Over the Next 5 Days...Wind Gusts Near 15-30 MPH Nearly Statewide Today and Into The Weekend...High Risk for Rip Currents Along Panhandle With An Elevated Risk Along The East Coast...A River Flood Warning Remains In Effect For the Santa Fe River At Three Rivers Estates...Severe Drought Was Introduced On This Week’s Drought Monitor Update...The Official 2024 Atlantic Hurricane Season Begins Tomorrow (6/1)...

Friday-Sunday:
Isolated to scattered showers and thunderstorms can be expected statewide this afternoon and evening as sea breezes develop and a weak cold front stalled along the I-4 corridor moves southward through the state (15-45% chance of rain). Isolated activity may linger into the early overnight hours (5-35% chance of rain). High pressure through the mid-Atlantic will build in and keep the Big Bend, Northern Peninsula, and Central Florida relatively dry Saturday afternoon and overnight (5-25% chance of rain), while an upper-level disturbance moving through the Southeast U.S. gives way to scattered to numerous showers and thunderstorms along the Florida Panhandle Saturday morning through Saturday evening (40-80% chance of rain). Another upper-level disturbance will approach Sunday, bringing another day of rain chances to the Panhandle and into the Big Bend (35-55% chance of rain). Isolated to scattered showers and thunderstorms will continue to be possible with the sea breezes across the rest of the state this weekend (25-40% chance of rain). A few strong to severe thunderstorms and instances of flooding and ponding of water over urban and low-lying/poor drainage areas will be possible over the next 3 days. The Storm Prediction Center (WPC) is outlook a Marginal Risk (level 1 of 5) for Severe Weather in the Panhandle Saturday as these storms may be capable of producing damaging wind gusts (45-65 mph) and frequent lightning. The Weather Prediction Center (WPC) is outlook a Marginal to Slight Risk (level 1 -2 of 4) for Flash Flooding in the Panhandle today and Saturday.

Warm to hot weather persists across the state to kick off the month of June with high temperatures reaching the middle 80s to upper 90s each day. Heat indices will continue to rise into the 90s across much
of the state and near or reach triple digits (97-102) at times along the Western Peninsula and Keys. Drier air across Northern and Central portions of the state and breezy winds will give way to sensitive to elevated wildfire conditions, especially over areas with ongoing drought conditions, as minimum relative humidity values fall near or below critical thresholds (30-45%) in the afternoons. Red Flag Conditions cannot be ruled out over the next 5 days as breezy easterly to southeasterly winds with gusts near 15-30 mph develop across the Peninsula and Keys through the weekend.

Low temperatures will remain warm and muggy overnight in the middle 60s to low 70s across North Florida and Central Florida, 70s across South Florida, and upper 70s to low 80s along the Keys. Coastal areas will see low temperatures remain several degrees warmer than adjacent inland areas over the next 3 days.

Monday – Tuesday:

Some weak upper-level disturbances will continue to pass near North Florida through early to mid-week, working with the sea breezes to produce isolated to scattered showers and thunderstorms nearly statewide Monday and Tuesday (20-45% chance of rain). A few strong to severe thunderstorms cannot be ruled out during the peak heating hours of the day and as sea breezes collide in the Peninsula. With abundant moisture remaining in place across portions of the state, isolated instances of flooding and ponding of water may be possible with stronger shower and thunderstorm activity producing locally heavy downpours.

High temperatures will continue to rise into the upper 80s to middle 90s early next week. Heat indices will rise into the middle to upper 90s nearly statewide with portions of the Western and Southern Peninsula and the Keys approaching or reaching triple digits (97-105). Sensitive to elevated wildfire conditions will persist along North Florida and the Central Peninsula as drier air brings relative humidity values near or below critical thresholds (35-45%).

Showers and thunderstorms will linger into the early overnight hours across South and Central Florida before gradually dissipating (25-40% chance of rain). Low temperatures will remain in the upper 60s to low 70s across North Florida, low to middle 70s across Central Florida, middle to upper 70s across South Florida, and upper 70s to low 80s along the Keys.

Tropical Weather:

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

The First Day of The Official 2024 Atlantic Hurricane Season Is Tomorrow (6/1)!

Wednesday, May 15th marked the first day of routine issuance of the Atlantic Basin Tropical Weather Outlook in 2024. This product describes significant areas of disturbed weather and their potential for tropical cyclone formation during the next seven days. The Tropical Weather Outlook is issued from May 15th through November 30th each year. The issuance times of this product are 2:00 AM EDT, 8:00 AM EDT, 2:00 PM EDT, and 8:00 PM EDT. After the time changes to standard time in November, the issuance times are 1:00 AM EST, 7:00 AM EST, 1:00 PM EST, and 7:00 PM EST. A Special Tropical Weather Outlook will be issued to provide updates, as necessary, in between the
regularly scheduled issuances of the Tropical Weather Outlook. The Atlantic Hurricane Season officially begins on June 1st and runs until November 30th.

On May 23, NOAA released their official 2024 Atlantic seasonal outlook. The upcoming Atlantic Hurricane season is expected to have above-normal activity (85% chance) due to several factors, including the La Nina transition and above-normal sea surface temperatures. NOAA is forecasting a range of 17-25 total named storms, 8-13 hurricanes, and 4-7 major hurricanes (Category 3-5) and forecasters have a 70% confidence in the forecast. This forecast is for the overall seasonal activity of the 2024 Atlantic Hurricane Season and is NOT a landfall forecast. For a more in-depth discussion of NOAA's 2024 Atlantic Hurricane Season outlook and information on new developments and improvements being implemented this season (including a new, experimental version of the cone graphic), please see NOAA's May 23rd news release. The Climate Prediction Center (CPC) will update the 2024 Atlantic seasonal outlook in early August, prior to the historical peak of hurricane season. For more information on how to prepare for this upcoming season, see the 2024 Florida Hurricane Guide or visit the NWS Hurricane Safety website.

For the latest on the tropics, please visit the National Hurricane Center website.

Hydrology & Flooding:

The Weather Prediction Center (WPC) is outlooking a Marginal to Slight Risk (level 1-2 of 4) for Flash Flooding in the Western Panhandle today. Isolated to scattered showers and thunderstorms will develop across the state with the sea breezes this afternoon and evening, becoming more widespread and robust through the peak heating hours of the day and with sea breeze collisions. Abundant Gulf moisture will allow for heavy to torrential downpours at times, which could lead to localized flash flooding concerns across urban and low-lying/poor drainage areas. Rainfall totals of near of below 1” can be expected, but locally higher totals upwards of 1-3” cannot be ruled out in isolated locations that see multiple rounds of heavy rainfall or slow-moving storms. The Weather Prediction Center (WPC) is outlooking a Marginal to Slight Risk for Flash Flooding in the Panhandle Saturday. An upper-level disturbance will move through the Southeast U.S. Saturday, allowing scattered to numerous showers and thunderstorms to develop along the Florida Panhandle. Abundant Gulf moisture will likely give way to heavy to torrential downpours at times. Instances of flooding and ponding of water will be possible within training or slow-moving showers and thunderstorms, especially over urban and low-lying/poor drainage areas. There is no organized risk for flash flooding Sunday or early next week; however, isolated instances of flooding and ponding of water cannot be ruled out. Heavy downpours within multiple rounds of showers and thunderstorms or slow-moving activity will be possible as another upper-level disturbance approaches North Florida Sunday and sea breezes develop each day. Over the next 5 days, widespread rainfall totals of 1-3” can be expected.
across the Panhandle, Central Florida, and South Florida with **locally higher totals** upwards of 3-5” possible, primarily along the Panhandle. For the latest Excessive Rainfall Outlook, please visit the [Weather Prediction Center](https://www.weather.gov/

Drier conditions across North Florida have allowed for water levels along several Panhandle and Big Bend rivers to fall below flood stage. Water flowing downstream from the Withlacoochee and Suwannee River basins continues, allowing for water levels to rise. A **River Flood Warning** is in effect for the **Santa Fe River at Three Rivers Estates** as **minor flooding** is occurring and is forecast to continue into next week. As elevated water levels continue to flow downstream through the Withlacoochee and Suwannee River basins, water levels are forecast to remain within Action Stage (bank-full). Recent rainfall across southern Georgia will also flow downstream through the Withlacoochee and Suwannee Rivers, which may keep water levels elevated for a longer period of time. There are no additional riverine concerns at this time. For more details, please visit the [River Forecast Center](https://www.riverforecastcenter.com/)

Lake Okeechobee’s average elevation is 13.02’, which is within the operational band and 0.12’ below normal. Lake elevations have fallen approximately 0.28’ over the past week and approximately 1.17’ over the past 30 days. Above normal temperatures and limited rainfall across South and Central Florida over the next 5 days will likely allow water levels to continue falling.

**Drought & Fire Weather:**

Temperatures remained above normal across much of Florida over the past week while rainfall has remained limited through the Peninsula. In the Florida Peninsula, rainfall deficits have reached 2-4” below normal over the past 30 days and up to 8” below normal over the past 90-days. Compounding dry conditions have led to the introduction of **Severe Drought** conditions between the West Coast and Lake Okeechobee on this week’s Drought Monitor update. **Moderate Drought** conditions have expanded further northward to the I-4 corridor and southward to the I-75 corridor from Naples to Fort Lauderdale. Abnormally dry (**emerging drought**) conditions have also expanded to include the entire I-4 corridor. Continuing above normal temperatures and below normal precipitation over the next 6-10 days will likely further exacerbate drought conditions.

The **Keetch-Byram Drought Index** average for Florida **451 (+13)** on a scale from 0 (very wet) to 800 (very dry). There are **26** Florida counties (Brevard, Broward, Charlotte, Collier, DeSoto, Glades, Hardee, Hendry, Highlands, Hillsborough, Indian River, Lee, Manatee, Martin, Miami-Dade, Monroe, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Sarasota, Seminole and St. Lucie) with an average KBDI over 500 (drought/increased fire danger).

Relative humidity values will continue to fall near or below critical thresholds (30-45%) in the afternoons through portions of North, Central, and Southwest Florida, creating **sensitive to elevated wildfire conditions**. The greater threat for wildfire conditions will remain across Central and...
Southwest Florida where recent temperatures have been above normal for this time of year, and rainfall totals are below normal with ongoing drought conditions. The more active weather pattern in the month of May will keep grounds and soils saturated across the Panhandle, which will help to keep wildfire **conditions locally sensitive**. **Red Flag Conditions** cannot be ruled out over the next 5 days as breezy easterly to southeasterly winds with **gusts near 15-30 mph** develop across the state this weekend. Sea breeze showers and thunderstorms will develop across South Florida this afternoon and evening, bringing frequent lightning and gusty winds at times. According to the [Florida Forest Service fire dashboard](https://www.fireinformation.com/fire), there are 93 active wildfires across the state burning approximately 6282 acres (as of 2:20 PM EDT).

**Rip Currents & Marine Hazards:**

A **moderate to high risk for rip currents** can be expected along the Florida Panhandle today as onshore winds strengthen. An **elevated risk** persists along East Coast beaches with a low risk elsewhere. Through the weekend breezy onshore winds will strengthen, creating a **moderate to high risk for rip currents** along the Panhandle and a low to **moderate risk** elsewhere over the next 5 days. A locally **high risk** will be possible along the Southeast Coast Saturday as breezy onshore winds created elevated breaking waves along the coast. For the latest Rip Current Outlook, visit [www.weather.gov/beach](http://www.weather.gov/beach).

1-2’ wave heights can be expected along West Coast and Gulf-facing Keys today with **2-4’ waves** along the Florida Panhandle and East Coast. As breezy easterly to southeasterly winds continue to develop into the weekend, ocean swells will develop in the Gulf of Mexico and Western Atlantic. **1-3’ wave heights** can be expected along the West Coast and Gulf-facing Key beaches through the weekend. **3-6’ breaking waves** will develop along the Florida Panhandle and Florida Atlantic Coast Saturday and Sunday. By early next week, wave heights will return to 1-3’ statewide with **locally 4’** possible at times along the Central-East Coast and Atlantic-facing Key beaches.

Coastal flooding is not anticipated over the next 5 days.

**Red Tide** has not been observed at or above background levels over the past week (as of 5/24). **Blue-Green Algae** was observed via satellite on 5/23 at **moderate bloom potential** on approximately 20% of Lake Okeechobee along all shorelines. Satellite imagery of the St. Johns River from 5/23 showed **moderate bloom potential** from Lake George downstream to Green Cove Springs, and in Doctors Lake. Satellite imagery also obtained on 5/23 showed scattered low bloom potential in the upper river of the Caloosahatchee Estuary to the east of I-75 and no visible bloom potential along the St. Lucie Estuary.
NWS Mobile Daily Hazards
NWS Jacksonville Daily Hazards
NWS Tampa Daily Graphical Hazards
NWS Tallahassee Daily Graphical Hazards
NWS Melbourne Daily Graphical Hazards
NWS Miami Daily Graphical Hazards
NWS Key West Daily 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 wonderful weekend!
Melissa James, Assistant State Meteorologist
Florida Division of Emergency Management

www.FloridaDisaster.org/Weather