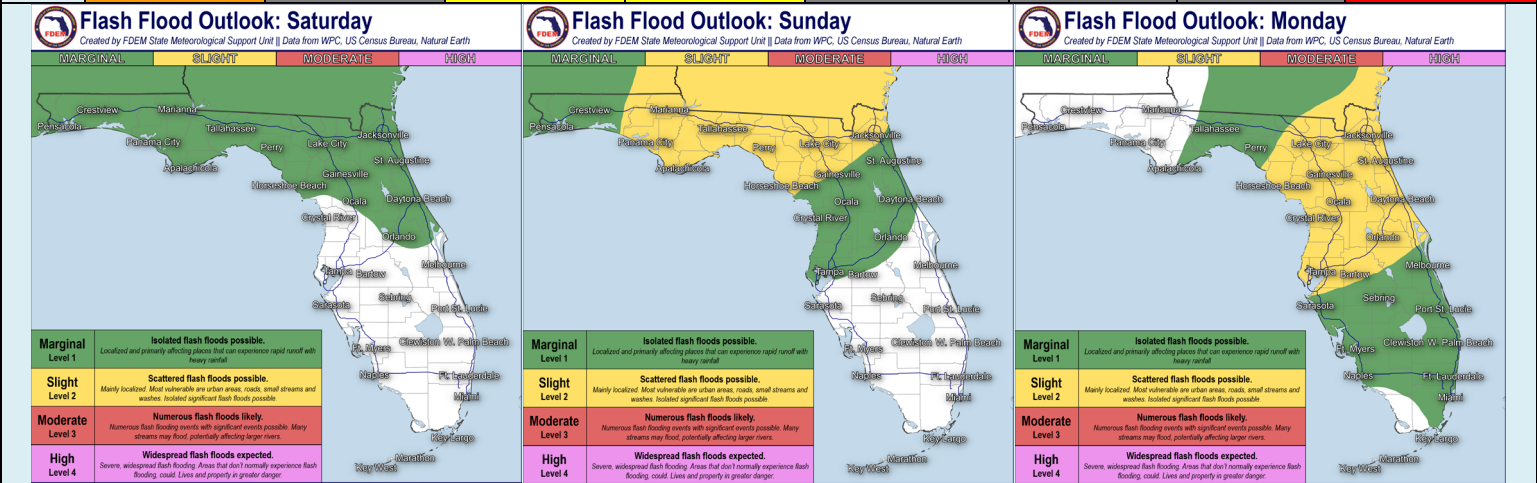
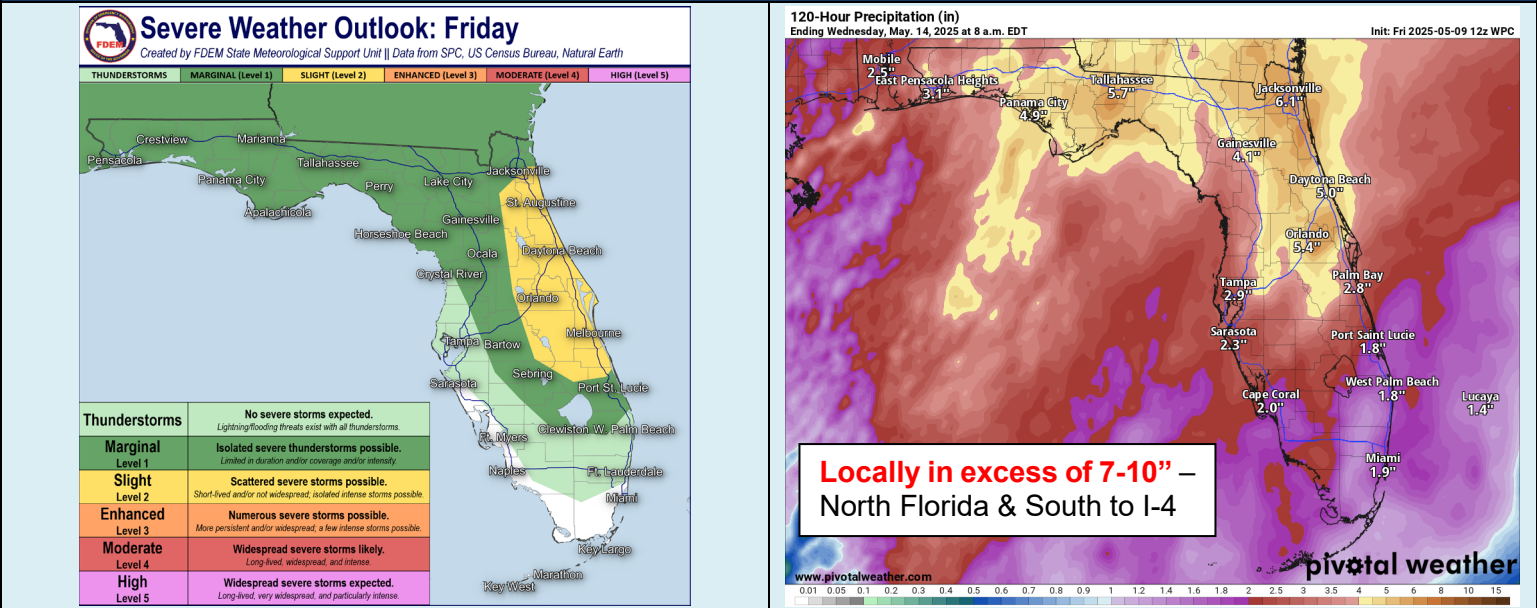


Friday, May 9, 2025					5-Day Statewide Weather Outlook			
No Threat		Low Threat		Moderate Threat		High Threat		
Day	Lightning	Tornado	Damaging Wind	Hail	Flash Flooding	Excessive Heat	Fire Weather	Rip Currents
Fri	Locally N & Cntrl FL South FL	FL Panhandle & NE & CE FL	NE & CE FL N & Central FL	N & Central FL	N & E-Central FL	Locally Iso. Keys & Peninsula	Locally Iso. Central & South FL	FL Panhandle East Coast West Coast
Sat	Locally N & Cntrl FL South FL	FL Panhandle	N & Central FL	N & Central FL	N FL & S to I-4 Corridor	Locally Iso. Keys & Peninsula	Iso. Central & South FL	FL Panhandle & Locally W & E Coasts
Sun	Locally N & Cntrl FL South FL	FL Panhandle	North & Central FL	North & Central FL	North FL S to I-4 Corridor	Locally Iso. Keys & Peninsula	Iso. South FL	Statewide West Coast
Mon	Locally Statewide	Locally Iso. Statewide	Statewide	Statewide	N-Peninsula S to I-4 Corridor Big Bend & Peninsula	Iso. South FL & Keys		Statewide West Coast
Tue	Locally Big Bend & Peninsula	Locally Iso. Big Bend & Peninsula	Big Bend & Peninsula	Big Bend & Peninsula	Locally Iso. Big Bend & Peninsula	Iso. South FL & Keys		Statewide West Coast



WPC Excessive Rainfall Outlook: *Saturday, Sunday, Monday*



SPC Severe Weather Outlook: *Friday*      WPC 5 Day Forecast Rainfall Totals: *Friday - Tuesday*



**...A Stalled Frontal Boundary and Developing Gulf Low Will Bring Waves of Scattered Showers And Thunderstorms Across Florida Through The Weekend and Into Early Next Week...Additional Showers and Thunderstorms Will Develop in the Afternoons and Evenings Each Day With the Sea Breezes...A Few Strong to Severe Thunderstorms Capable of Producing Frequent Lightning, Damaging Wind Gusts, Hail, Brief Isolated Tornadoes, and Heavy Downpours Possible...Marginal to Slight Risk for Severe Weather Across North and Central Florida Today; Marginal Risk for Severe Weather Across Portions of North and Central Florida This Weekend; Strong to Severe Thunderstorms Remain Possible Into Early Next Week...Heavy Downpours May Result In Instances of Flooding and Ponding of Water, Especially Over Urban and Low-Lying/Poor Drainage Areas...Marginal Risk For Flash Flooding Across Portions of North and Central Florida Today and Saturday; Marginal to Slight Risk For Flash Flooding Across North and Central Florida Sunday and Across the Big Bend and Peninsula Monday...Heat Indices Approaching or Reaching The Middle to Upper 90s Across Portions of the Peninsula and Keys Over the Next 5 Days...Moderate to High Risk for Rip Currents Along the Florida Panhandle Today and Statewide This Weekend Into Early Next Week...Areas of Patchy to Locally Dense Fog Possible Across Portions of the State Overnight Into the Following Morning Hours Over the Next Few Days...**

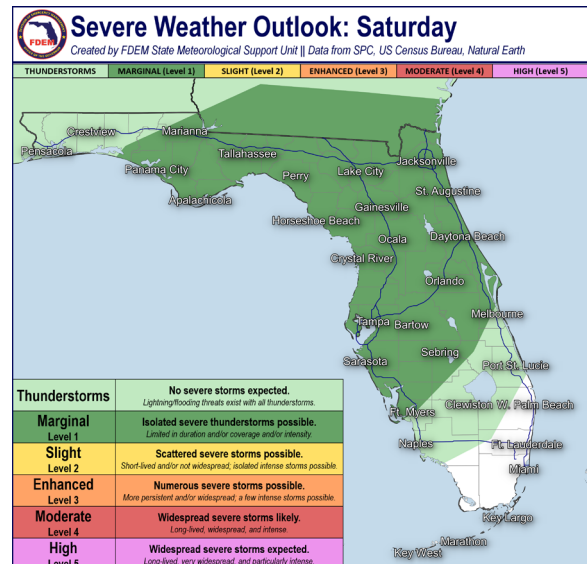
#### Friday – Sunday:

A stalled frontal boundary and developing Gulf low will bring waves of scattered showers and thunderstorms across the state through the weekend (65-95% chance of rain). Additional showers and thunderstorms can be expected to develop with the sea breezes in the afternoons and evenings, primarily along the Peninsula. Drier air lingering across South Florida will help to limit activity through the weekend; however, isolated to scattered showers and a few thunderstorms can still be expected (20-50% chance of rain).

**A few strong to severe thunderstorms** capable of producing frequent lightning, damaging wind gusts (30-60 mph), hail, an isolated tornado or two, and heavy downpours will be possible throughout the forecast period, primarily during the peak heating hours and with the help of the afternoon sea breezes. The Storm Prediction Center (SPC) is outlooking a **Marginal to Slight Risk (level 1-2 of 5) for Severe Weather** across North and Central Florida today and a **Marginal Risk for Severe Weather** across much of North and Central Florida this weekend. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 2 of 4) for Flash Flooding** across portions of North and Central Florida today and Saturday and a **Marginal to Slight Risk (level 1-2 of 4) for Flash Flooding** across North Florida and southward to the I-4 corridor Sunday as heavy downpours may result in instances of **flooding** and **ponding of water**, especially over urban and low-lying/poor drainage areas.

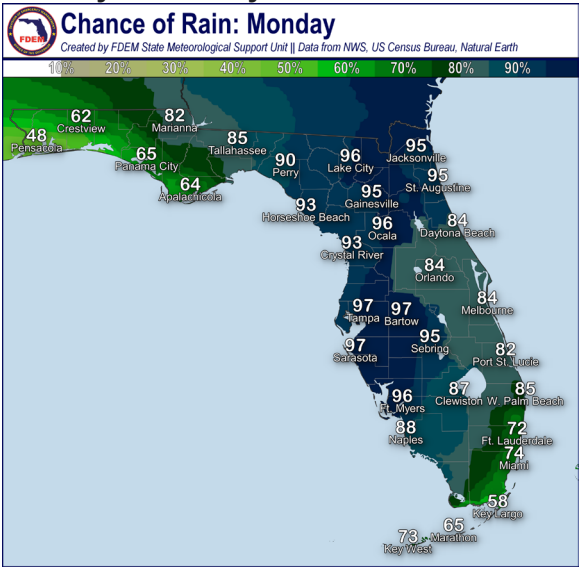
High temperatures will remain in the upper 70s to middle 80s along the Florida Panhandle and into the Suwannee Valley over the next 3 days but continue to soar into the middle 80s to low 90s across the rest of the state. **Heat indices** will likely approach or reach the **middle to upper 90s** along portions of the Peninsula and Keys in the afternoons. Southwesterly to southeasterly winds near 5-15 mph with **gusts near 10-20 mph** can be expected through the weekend.

Low temperatures will fall into the middle to upper 60s through the Florida Panhandle and Suwannee Valley over the next few days but remain in the upper 60s to upper 70s across the rest of



the state. Areas of **patchy to locally dense fog** may be possible overnight into the following morning hours each day.

**Monday – Tuesday:**



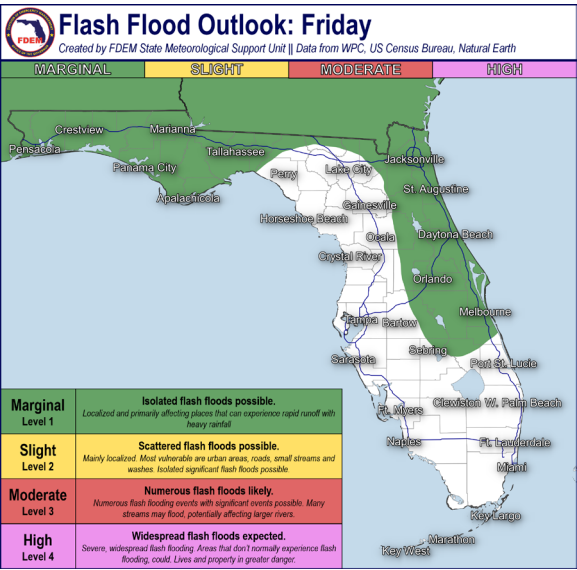
The wet and active weather will persist into early next week with waves of scattered showers and thunderstorms moving across the state Monday (70-near 100% chance of rain) and across the Big Bend and Peninsula Tuesday (55-85% chance of rain). Drier conditions will begin to return to the Panhandle Tuesday and statewide Tuesday night as high pressure builds in behind a frontal boundary being pulled through the state by the area of low pressure (20-50% chance of rain).

**A few strong to severe thunderstorms** may be possible, primarily during the peak heating hours and with the help of the afternoon sea breezes. The Weather Prediction Center (WPC) is outlooking a **Marginal to Slight Risk (level 1-2 of 4) for Flash Flooding** across the Big Bend and Peninsula Monday as heavy downpours may result in instances of **flooding** and **ponding of water**, especially over urban and low-

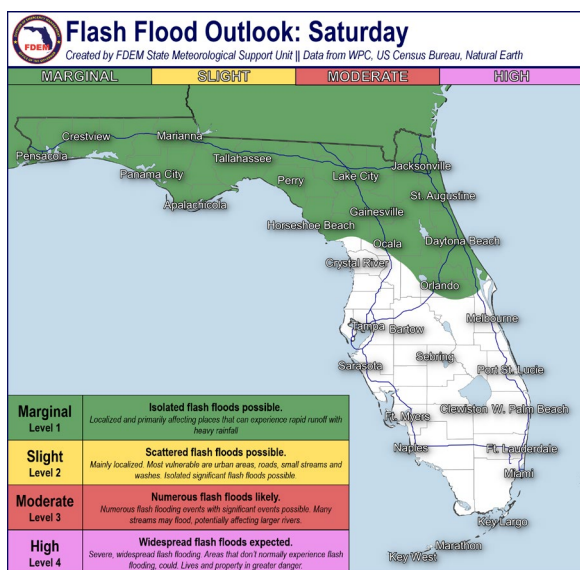
lying/poor drainage areas or areas that have already received heavy rainfall over the last few days. High temperatures will remain in the upper 70s to middle 80s along the Florida Panhandle and into the Suwannee Valley and in the middle to upper 80s elsewhere. **Heat indices** will continue to approach or reach the **low to middle 90s** across South Florida and the Keys in the afternoons. Southwesterly to southeasterly winds near 5-15 mph with **gusts near 10-20 mph** can be expected through the weekend. Low temperatures will fall into the middle 60s across the Florida Panhandle and Suwannee Valley Monday and Tuesday night but remain in the upper 60s to upper 70s elsewhere.

**Hydrology & Flooding:**

A slow-moving area of low pressure in the northern Gulf combined with abundant moisture will send multiple waves of showers and thunderstorms through much of the state this weekend into early next week. While confidence is increasing in the threat of heavy rain and flash flooding, there is still uncertainty surrounding the exact placement and rainfall totals. The heaviest of the rainfall and the period of greatest concern is Saturday through Monday. 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. The Weather Prediction Center (WPC) is outlooking a **Marginal to Slight Risk (level 1-2 of 4) for Flash Flooding** across North Florida and south to the I-4 corridor Sunday and across the Big Bend and Peninsula Monday. While ongoing drought conditions across the region will make most of this initial rainfall beneficial, heavy downpours may result in instances of **flooding** and **ponding of water**, primarily over urban and low-lying/poor drainage areas and areas that have already seen heavy rainfall over the last few days. Any areas that have training showers and thunderstorms or







multiple rounds of heavier rainfall, especially across urban and low-lying/poor drainage areas, could see **localized flash flooding** or **ponding of water**. There is no organized risk for flash flooding Tuesday at this time as drier conditions begin to return; however continued shower and thunderstorm activity across the Peninsula and Keys may continue to result in localized instances of **flooding** and **ponding of water**. **Widespread rainfall totals near 3-6"** are currently expected across North Florida and east of I-75 southward to the I-4 Corridor over the next 5 days with **locally higher values in excess of 7-10"** possible. **Widespread rainfall totals near 2-4"** with **locally higher totals in excess of 4-6"** can be expected along the Nature Coast, Tampa Bay Area, and South of the I-4 corridor across the Peninsula and Keys over the next 5 days. As confidence increases, adjustments to rainfall totals and an increase in flash

flooding risk level is likely closer to the event. For the latest on the rainfall outlook, please visit the Weather Prediction Center [website](#).

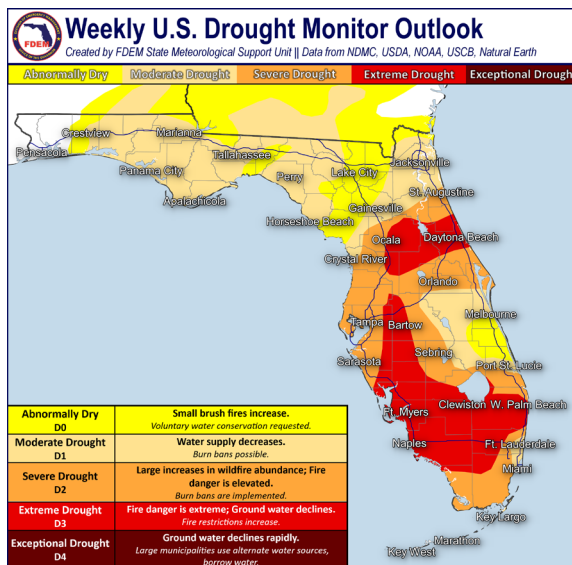
River flooding is not expected today. With the ongoing drought conditions across the state, rivers are running low across the area. While rises in water levels are likely across portions of the state in response to heavy rainfall expected over the next several days, riverine flooding is not currently anticipated unless locally higher rainfall totals are realized across the basins. Given the uncertainty in the rainfall forecast, trends in the computer model guidance will continue to be monitored. Instances of **riverine flooding** may be possible this weekend into next week along rivers or waterways that see locally higher rainfall totals realized across the basins. *Remember the river forecasts locally only account for 48 hours worth of rainfall forecast.* For more information, visit the [River Forecast Center](#).

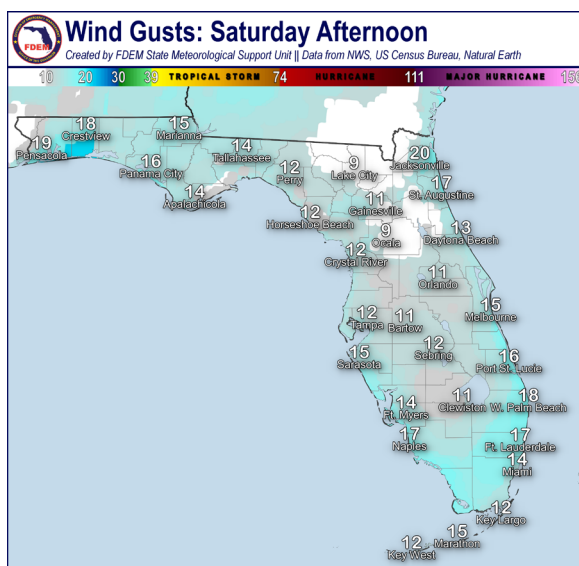
Lake Okeechobee's average elevation is 11.08 feet, which is within the operational band and 2.35 feet below normal. Lake elevations have fallen by about 0.16 feet over the past week and about 1.26 feet over the past 30 days. The Climate Prediction Center (CPC) is outlooking near to above normal temperatures statewide with above normal rainfall along the Peninsula over the next week or so.

## Fire Weather:

Heavy rainfall of 2" or more led to some decrease in **Abnormal Dryness (Emerging Drought)** and **Moderate Drought** conditions on this week's [Drought Monitor](#) update (valid 5/8). However, through 5/6, drought intensified across the Florida Peninsula with many areas depicted in the **Severe to Extreme Drought** category. This widespread **Severe to Extreme Drought** coverage is supported by the 60-day SPI, 28-day average streamflows, and impact reports. The Climate Prediction Center (CPC) is outlooking near to above normal temperatures statewide with above normal rainfall along the Peninsula over the next week or so which may allow drought conditions to improve slightly. Near to below normal rainfall outlooked along the Florida Panhandle may allow drought conditions to hold steady over the next week.

[The Keetch-Byram Drought Index](#) average for Florida is **466 (+/-0)** on a scale from 0 (very wet) to 800 (very dry). There are **26** Florida counties





(Broward, Charlotte, Collier, DeSoto, Flagler, Glades, Hardee, Hendry, Hernando, Highlands, Hillsborough, Lake, Lee, Manatee, Martin, Miami-Dade, Monroe, Okeechobee, Orange, Palm Beach, Pasco, Pinellas, Polk, Sarasota, Sumter, and Volusia) with an average KBDI over 500 (drought/increased fire danger).

A slow-moving area of low pressure in the northern Gulf combined with abundant moisture will send several waves of showers and thunderstorms through much of the state this weekend into early next week. *Thunderstorms will be capable of producing lightning and erratic winds.* Abundant moisture filtering in across the state will keep relative humidity values above critical thresholds this afternoon. Southwesterly to southeasterly winds near 5-15 mph with **gusts near 10-20 mph** can be expected over the next 5 days. The main wildfire concern will be embedded thunderstorms developing over

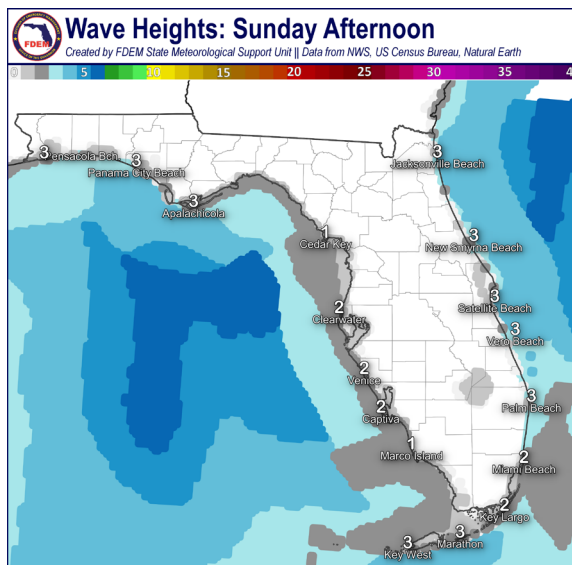
ongoing **severe to extreme drought conditions** as lightning may spark or spread new fires where soils and vegetation remain very dry. There has been some beneficial rainfall the last couple of days with a more active weather pattern, but overall soil moisture remains low. **Mandatory Burn Bans** are in effect for **23** counties in the Florida Peninsula (Brevard, Charlotte, Citrus, Collier, DeSoto, Flagler, Glades, Hardee, Hendry, Hernando, Highlands, Lake, Lee, Manatee, Okeechobee, Orange, Osceola, Pasco, Polk, Sarasota, Seminole, Sumter, and Volusia). Areas of **patchy to locally dense fog** may be possible overnight into the following morning hours over the next few days. According to the [Florida Forest Service fire dashboard](#), there are 62 active wildfires across the state burning approximately 1,833.74 acres (as of 11:32 AM EDT)

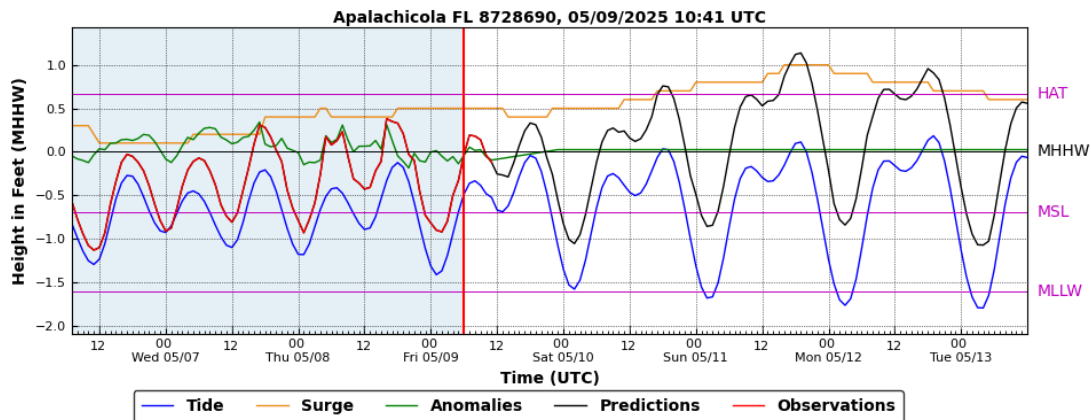
## Rip Currents & Marine Hazards:

A **moderate to high risk for rip currents** can be expected along the Florida Panhandle and East Coast over the next 5 days. The West Coast can expect a low risk to persist today, increasing to a **moderate to high risk** this weekend and continuing into early next week. For the latest Rip Current Outlook, visit [www.weather.gov/beach](http://www.weather.gov/beach).

Wave heights near or below 1-2' will persist nearly statewide today with **locally higher 2-4' waves** likely along the Northeast and Central-East Coasts. **1-3' waves** can continue to be expected along the West Coast over the next 5 days. Florida's Atlantic Coast can expect **wave heights** to remain **near or below 2-4'** through the weekend, likely building to **near 3-6'** Monday before returning to **near 2-4'** Tuesday. Onshore winds will raise **wave heights to near 3-6'** along the Florida Panhandle this weekend, returning to **near 2-4'** early next week.

Coastal flooding is not expected over the next 5 days; however, **elevated water levels (0.5-1.5' above normally dry ground)** may be possible near and at times of high tide along the Florida Panhandle and West Coast as breezy onshore winds impact the coastlines and astronomically high tides begin to develop ahead of the next full moon.





**Red Tide** has been observed at background levels in **2** samples collected from Southwest Florida (Offshore of Sarasota and Collier Counties) over the past week (valid 5/2).

As of 5/1, **Blue-Green Algae** was observed on partially obscured satellite imagery of Lake Okeechobee with **moderate to high bloom potential** in the Fisheating Creek area and scattered low to **moderate bloom potential** on approximately 35% of the lake. Satellite imagery of the St. Johns River was also partially obscured by cloud cover but showed **moderate to high bloom potential** throughout Lake George and scattered low to **high bloom potential** on the mainstem of the St. Johns River downstream to Jacksonville. All of Doctors Lake is showing **high bloom potential**. Partially obscured satellite imagery of the St. Lucie Estuary showed no bloom potential on visible portions of the estuary. The most recent usable satellite imagery for the Caloosahatchee Estuary from 4/30 shows scattered low to **moderate bloom potential** in the upper estuary.

[NWS Mobile Daily Hazards](#)

[NWS Tallahassee Daily Graphical Hazards](#)

[NWS Jacksonville Daily Hazards](#)

[NWS Melbourne Daily Graphical Hazards](#)

[NWS Tampa 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:

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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](#).

Goodbye! Have a wonderful weekend!

Melissa James, Assistant State Meteorologist

Florida Division of Emergency Management

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

