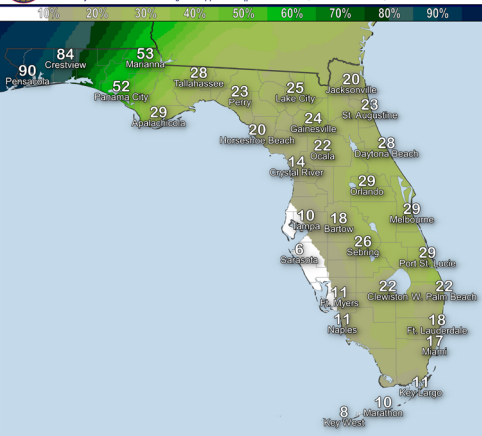
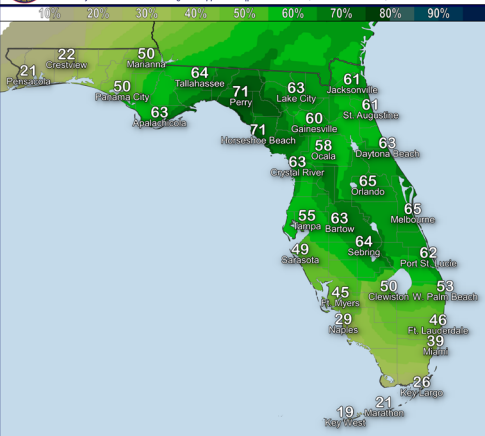


Friday, May 2, 2025					5-Day Statewide Weather Outlook			
No Threat			Low Threat		Moderate Threat		High Threat	
Day	Lightning	Tornado	Damaging Wind	Hail	Flash Flooding	Excessive Heat	Fire Weather	Rip Currents
Fri	Panhandle Iso. Statewide	Iso. Panhandle	Panhandle	Locally Iso. Panhandle	W-Panhandle Iso. Panhandle		Locally Peninsula & Inland Big Bend	Statewide NE Coast West Coast
Sat	FL Panhandle Peninsula		FL Panhandle Iso. Statewide	FL Panhandle Iso. Statewide	FL Panhandle Iso. Statewide		Peninsula	FL Panhandle East Coast West Coast
Sun	Peninsula FL Panhandle		Locally Iso. Peninsula	Iso. Peninsula	Locally Iso. Peninsula		Locally Iso. Peninsula	FL Panhandle East Coast West Coast
Mon	Peninsula Big Bend		Locally Iso. Peninsula	Iso. Peninsula	Iso. Peninsula		Locally Iso. FL Panhandle	Statewide West Coast
Tue	Locally Iso. Peninsula		Iso. Peninsula				Locally Iso. N FL & W- Peninsula	Statewide West Coast

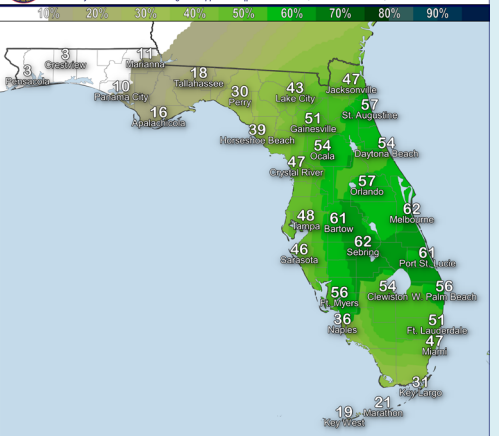
**Chance of Rain: Saturday**  
Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



**Chance of Rain: Sunday**  
Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth

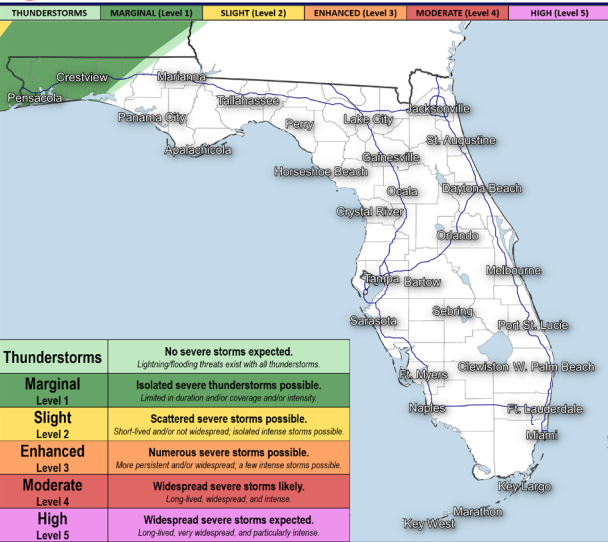


**Chance of Rain: Monday**  
Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth

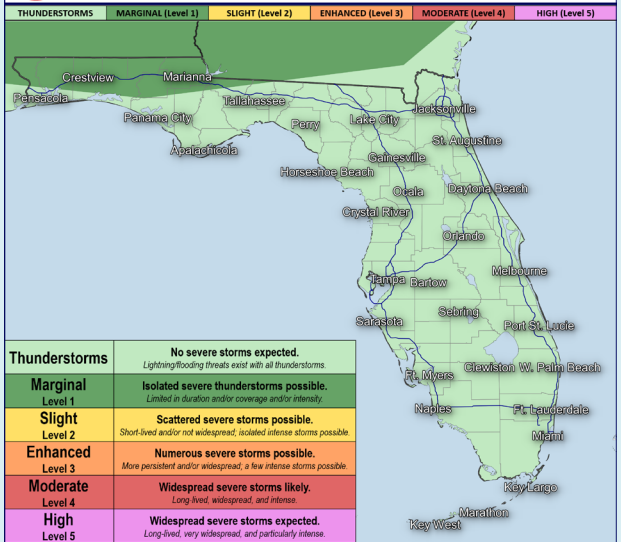


**Chance of Rain: Saturday, Sunday, Monday**

**Severe Weather Outlook: Friday**  
Created by FDEM State Meteorological Support Unit || Data from SPC, US Census Bureau, Natural Earth



**Severe Weather Outlook: Saturday**  
Created by FDEM State Meteorological Support Unit || Data from SPC, US Census Bureau, Natural Earth



**SPC Severe Weather Outlook: Friday**

**SPC Severe Weather Outlook: Saturday**

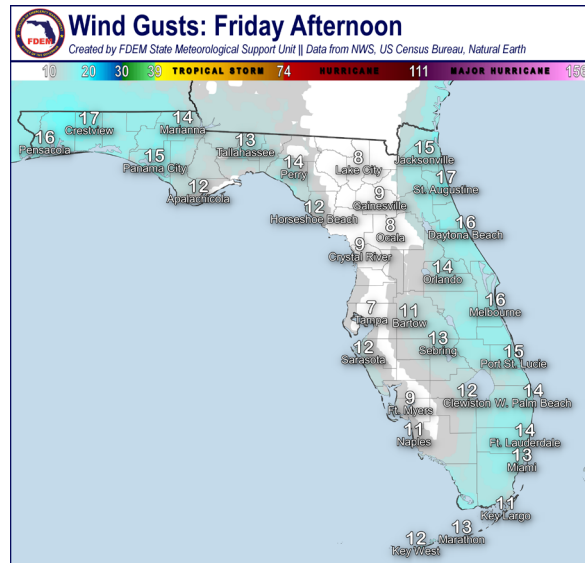


...Mostly Dry Conditions to Generally Persist Today With Isolated to Scattered Showers and Thunderstorms Possible With the Sea Breezes...Uptick In Rain Chances Expected This Weekend As A Weak Cold Front Moves Into the State....Scattered Showers and Thunderstorms To Persist Along the Peninsula Into Early Next Week As the Frontal Boundary Stalls Across the Region...A Few Strong to Severe Thunderstorms May Be Possible At Times Over the next 5 Days; Frequent Lightning, Damaging Wind Gusts, Hail, and Heavy Downpours Possible (Marginal Risk for Severe Weather – Level 1 of 5)...Localized Instances of Flooding and Ponding of Water Cannot Be Ruled Out Over Urban and Low-Lying/Poor Drainage Areas At Times Throughout the Forecast Period (Marginal Risk for Flash Flooding (Level 1 of 4)...Temperatures to Cool A Few Degrees But Remain Warm Through Tuesday...Breezy Winds Near 5-15 MPH With Gusts Near 10-20 MPH Expected Statewide Each Day...Sensitive to Locally Elevated Wildfire Conditions to Persist Across Portions of the State Over the Next 5 Days...Moderate to High Risk for Rip Currents To Persist Along the East Coast and Florida Panhandle...Instances of Fog Possible Overnight Into the Following Morning Hours Over the Next Few Days...Special Weather Statement In Place for Eastern Marion County As a Combination Super Fog May Significantly Reduce Visibilities Along State Road 40 in the Ocala National Forest Overnight Into the Early Morning Hours Over the Next Several Days...

#### Friday – Sunday:

Drier conditions will persist across Florida for one more day as high pressure over the Western Atlantic shifts eastward and dry air lingers, allowing for only isolated to widely scattered showers and a thunderstorm or two with the sea breezes this afternoon and evening (5-25% chance of rain). A **locally strong to severe thunderstorm** cannot be ruled out during peak heating hours of the day. Any sea breeze showers and thunderstorms that develop this afternoon and evening will likely linger into the early overnight hours before gradually dissipating (5-20% chance of rain). A broken line of scattered showers and thunderstorms may move into the Panhandle overnight into early Saturday morning as a weak cold front approaches the region (15-35% chance of rain). The Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 5) for Severe Weather** along the Panhandle as **a few strong to severe thunderstorms** capable of producing frequent lightning, localized damaging wind gusts (30-60 mph), small to medium hail, and locally heavy downpours may be possible. Localized instances of **nuisance flooding** and **ponding of water** cannot be ruled out with locally heavy downpours over urban or low-lying/poor drainage areas over the Western Panhandle (**Marginal Risk for Flash Flooding – Level 1 of 4**).

An uptick in rain chances is expected statewide this weekend as a weak cold front moves eastward towards the Florida Panhandle Saturday and through the region on Sunday. Scattered showers and thunderstorms will develop along and ahead of the cold front, moving into the Panhandle Saturday (50-90% chance of rain) and across the Big Bend and Peninsula Sunday (40-70% chance of rain). Isolated showers and thunderstorms can be expected elsewhere this weekend (10-30% chance of rain). The Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 5) for Severe Weather** along portions of the Florida Panhandle Saturday as **a few strong to severe thunderstorms** capable of producing frequent lightning, localized damaging wind gusts, small to medium hail, and locally heavy downpours may be possible this weekend. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Panhandle Saturday as

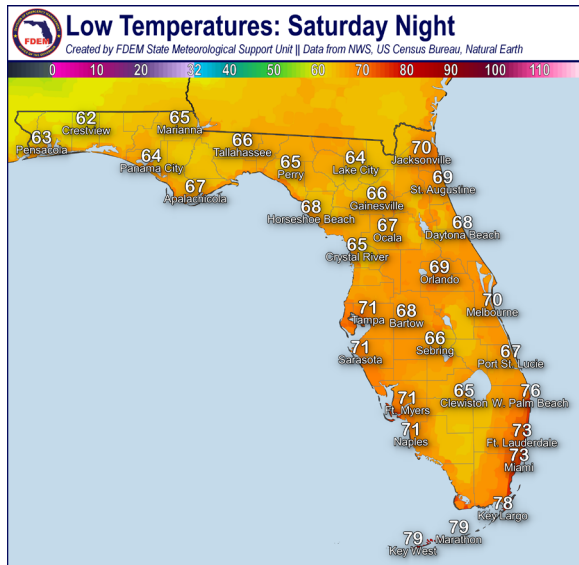


localized instances of **nuisance flooding** and **ponding of water** also cannot be ruled out with locally heavy downpours over urban or low-lying/poor drainage areas this weekend.

High temperatures will rise into the 80s to low 90s each day. Winds near 5-15 mph with **gusts near 10-20 mph** can be expected outside of thunderstorm activity. **Sensitive to locally elevated wildfire conditions** persist along portions of the state in the afternoons and evenings as dry air causes

**relative humidity values to fall near critical thresholds (30-50%)** over areas with breezy winds and dry fuels. **Mandatory Burn Bans** remain in place for numerous counties in the Florida Peninsula. Low temperatures will generally remain warm in the 60s and 70s through the weekend.

Low temperatures in the middle 50s to low 60s may be possible along the Florida Panhandle and into the Suwannee Valley Sunday night as the cold front moves through. Areas of **patchy to locally dense fog** will be possible overnight into the following morning hours each day. A **Special Weather Statement** remains in place for Eastern Marion County as *significant reductions in visibility along State Road 40 in the Ocala National Forest may be possible overnight into the early morning hours over the next several days due to a combination of fog and smoke (known as Super Fog) from a nearby wildfire.*

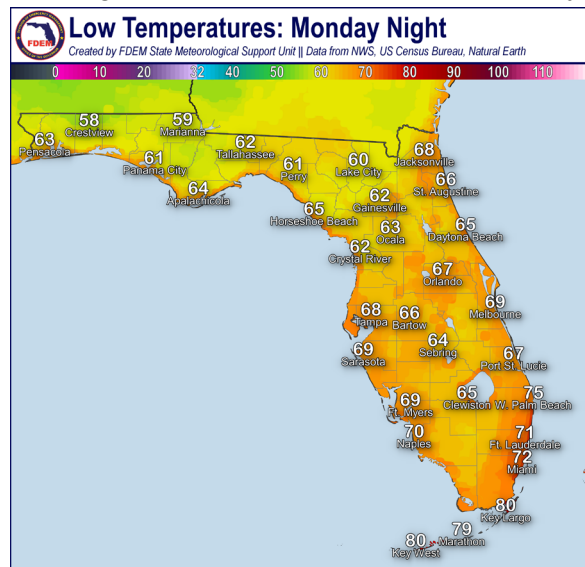


## Monday – Tuesday:

Scattered showers and thunderstorms will persist along the Peninsula Monday as the weak cold front stalls over the region with adequate moisture remaining in place (25-55% chance of rain). **A few thunderstorms may be strong to severe**, especially during peak heating hours of the day, and capable of producing frequent lightning, damaging wind gusts, hail, and locally heavy downpours. Localized instances of **nuisance flooding** and **ponding of water** cannot be ruled out with locally heavy downpours over urban or low-lying/poor drainage areas. The frontal boundary will likely remain stalled across the Peninsula through mid-week; however, drier air filtering in across the state will allow for only isolated showers and thunderstorms along the Peninsula (10-20% chance of rain). Mostly dry conditions can be expected to return elsewhere across the state Tuesday (near 0% chance of rain).

High temperatures will continue to rise into the 80s statewide in the afternoons. Winds near 5-10 mph with gusts near 10-15 mph can be expected Monday and Tuesday. **Sensitive wildfire conditions** will be possible across portions of North and West-Central Florida in the afternoons and evenings early next week as dry air filters back in behind the cold front, causing **relative humidity values to fall near critical thresholds (30-50%)**.

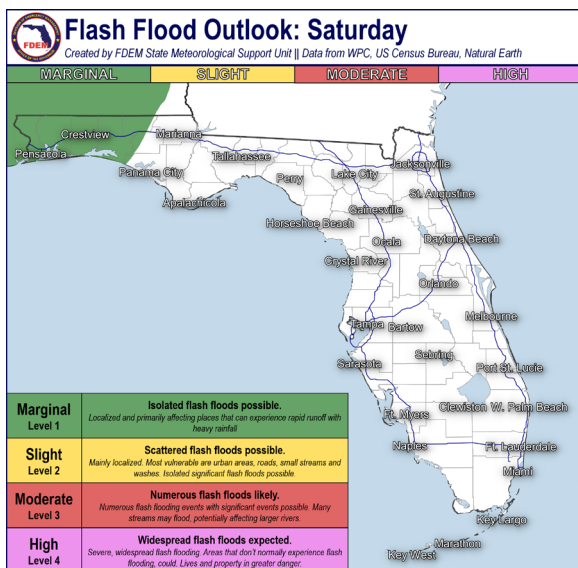
Low temperatures will fall into the upper 50s to middle 60s across North Florida Monday in the wake of the recent cold front passage but continue to rise into the middle 60s to upper 70s elsewhere Monday and statewide Tuesday.



## Hydrology & Flooding:

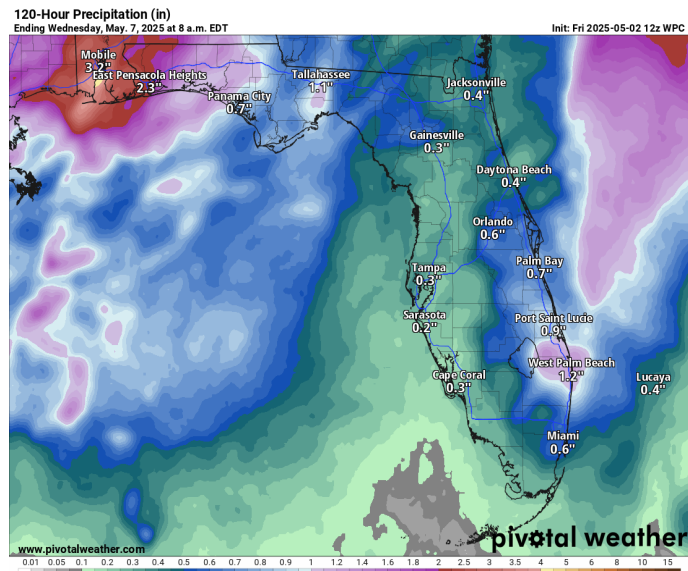






Drier conditions will persist across Florida for one more day as high pressure over the Western Atlantic shifts eastward and dry air lingers, allowing for only isolated to widely scattered showers and a thunderstorm or two with the sea breezes this afternoon and evening. Additional scattered showers and thunderstorms may move into the Panhandle overnight into early Saturday morning as a weak cold front approaches the region. While rainfall will generally be beneficial across the state due to ongoing drought conditions; isolated instances of **nuisance flooding** and **ponding of water** cannot be ruled out with locally heavy downpours over urban or low-lying/poor drainage areas over the Western Panhandle (**Marginal Risk for Flash Flooding – Level 1 of 4**). Widespread rainfall totals are expected to remain well below 1”; however, stronger shower and thunderstorm activity will be capable of producing a

quick 1-3”, primarily along the Panhandle. An uptick in rain chances is expected statewide this weekend as a weak cold front moves eastward towards the Florida Panhandle Saturday and through the region on Sunday. Scattered showers and thunderstorms will develop along and ahead of the cold front, moving into the Panhandle Saturday and across the Big Bend and Peninsula Sunday. Isolated showers and thunderstorms can be expected elsewhere this weekend. Scattered showers and thunderstorms will persist along the Peninsula Monday as the weak cold front stalls over the region with adequate moisture remaining in place. Localized instances of **nuisance flooding** and **ponding of water** also cannot be ruled out with locally heavy downpours over urban or low-lying/poor drainage areas throughout the weekend and into early next week. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Panhandle Saturday where heaviest rainfall totals are expected. Ongoing drought conditions will likely slow or preclude the onset of more widespread flooding. The frontal boundary will likely remain stalled across the Peninsula through mid-week; however, drier air filtering across the state will allow for only isolated showers and thunderstorms along the Peninsula Tuesday. Widespread rainfall totals near 1-2” are expected across the state over the next 5 days with **locally higher totals** near 2-5” possible, primarily along the Panhandle. For the latest on the rainfall outlook, please visit the Weather Prediction Center [website](https://www.weather.gov/).



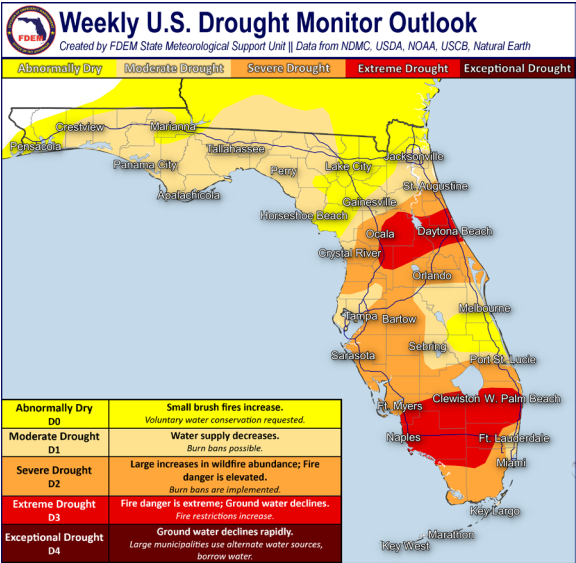
Widespread rainfall anticipated this weekend may allow for some water levels rises along rivers and waterways across the state this weekend into next week. However, with below normal streamflows due to ongoing drought conditions, riverine flooding is not expected at this time. Isolated instances of **minor riverine flooding** cannot be ruled out along the Panhandle in rivers and waterways that see locally higher rainfall totals across the basin. For more information, visit the [River Forecast Center](https://www.fema.gov/river-forecast-center).

Lake Okeechobee’s average elevation is 11.24 feet, which is within the operational band and 2.36 feet below normal. Lake elevations have fallen by about 0.35 feet over the past week and about 1.32 feet over the past 30 days. The Climate Prediction Center (CPC) is outlooking below normal



temperatures and above normal rainfall across the state over the next week or so which may allow water levels to hold relatively steady or increase slightly.

**Fire Weather:**

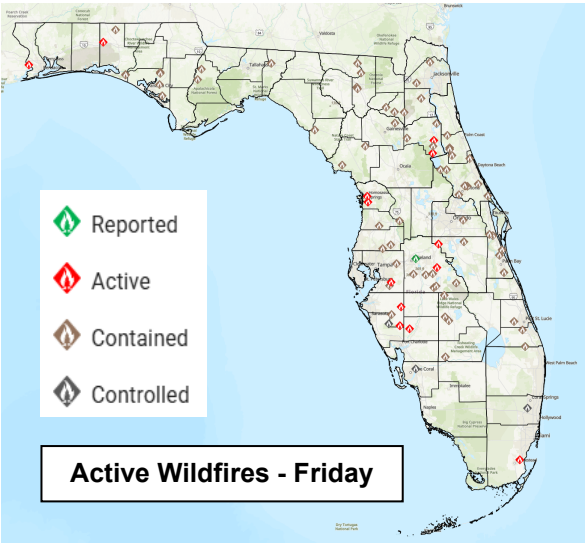


Little to no rain fell across most of Florida over the past week, allowing dryness and drought to further expand and deteriorate across the state on this week's [Drought Monitor](#) update (valid 5/1). A majority of the Florida Peninsula is now entrenched in **Severe Drought** or worse, with **Extreme Drought** conditions identified in parts of the Southern and Northeastern Peninsula, and **Abnormally Dry (Emerging Drought)** to **Moderate Drought** conditions now expand across the rest of North Florida. Over the last 60-days, most of the Florida Peninsula received less than half of normal rainfall, with a few areas recording less than one-quarter of normal. The Climate Prediction Center (CPC) is outlooking below normal temperatures and above normal rainfall across the state over the next week or so which may allow drought conditions to hold steady or improve slightly.

[The Keetch-Byram Drought Index](#) average for Florida is **488 (+7)** on a scale from 0 (very wet) to 800 (very dry). There are **31** Florida counties (Brevard, Broward, Charlotte, Citrus, Collier, DeSoto, Flagler, Glades, Hardee, Hendry, Hernando, Highlands, Hillsborough, Lake, Lee, Manatee, Marion, Martin, Miami-Dade, Monroe, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Sarasota, Seminole, Sumter, and Volusia) with an average KBDI over 500 (drought/increased fire danger).

Drier conditions will persist across Florida for one more day as high pressure over the Western Atlantic shifts eastward and dry air lingers, allowing for only isolated to widely scattered showers and a thunderstorm or two with the sea breezes this afternoon and evening. Additional scattered showers and thunderstorms may move into the Panhandle overnight into early Saturday morning as a weak cold front approaches the region. An uptick in rain chances is expected statewide this weekend and into early next week as a weak cold front moves southeastward into the state. The frontal boundary will stall across the Peninsula Tuesday and remain in place through mid-week; however, drier air filtering across the state will allow for only isolated showers and thunderstorms along the Peninsula Tuesday.

*Thunderstorms may be capable of producing frequent lightning and erratic, gusty winds.* Winds near 5-15 mph with **gusts near 10-20 mph** can be expected outside of thunderstorm activity through the weekend. Winds near 5-10 mph with gusts near 10-15 mph can be expected early next week. **Sensitive to locally elevated wildfire conditions** persist along portions of the Peninsula this afternoon and evening as dry air causes **relative humidity values to fall near critical thresholds (30-50%)** over areas with breezy winds and dry fuels. **Sensitive wildfire conditions** will be possible across portions of North and West-Central Florida in the afternoons and evenings early next week as dry air filters back in behind the cold front, causing **relative humidity values to fall near critical thresholds (30-50%)**. **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** will be possible overnight into the following morning hours over the next few days. *Foggy conditions may further reduce visibility where there are ongoing wildfires.* A **Special Weather Statement** remains in effect for Eastern Marion County as *significant reductions in visibility along State Road 40 in the Ocala National Forest may be possible overnight into the early morning hours over the next several days due to a combination of fog and smoke (known as Super Fog) from a nearby wildfire.* According to the [Florida Forest Service fire dashboard](#), there are 85 active wildfires across the state burning approximately 3,186.10 acres (as of 1:55 PM EDT)

### Rip Currents & Marine Hazards:

A **moderate to high risk for rip currents** will persist along the Florida Panhandle and East Coast over the next 5 days. A low risk for rip currents can be expected along the West Coast; however, an **elevated risk** may be possible early next week as long-period ocean swells arrive along the coastline. For the latest Rip Current Outlook, visit [www.weather.gov/beach](http://www.weather.gov/beach).

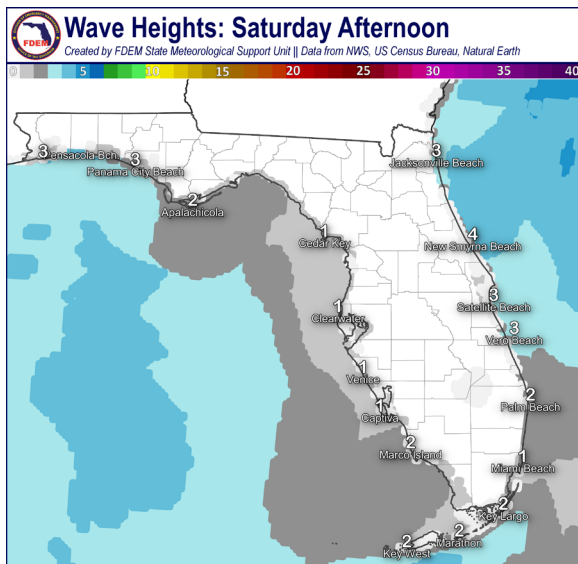
**Wave heights near or below 1-3'** can be expected nearly statewide over the next 5 days with **locally higher 4' waves** possible along the Panhandle and Florida's Atlantic Coast at times.

Coastal flooding is not anticipated over the next 5 days; however, **elevated water levels (0.25-1.25' above normally dry ground)** may be possible

near and at times of high tide as breezy onshore winds persist along many of Florida's coastlines through the weekend.

**Red Tide** has been observed at background levels in one sample collected from Northwest Florida (Okaloosa County) over the past week (valid 4/25).

As of 4/24, **Blue-Green Algae** was observed on satellite imagery of Lake Okeechobee with **moderate to high bloom potential** in the Fisheating Creek area and scattered low to **moderate bloom potential** throughout the rest of the lake. The most recent satellite imagery of the St. Johns River from 4/23 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 Doctors Lake. The satellite imagery of the Caloosahatchee Estuary and St. Lucie Estuary showed no bloom potential.



[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](#)

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Have a wonderful weekend!

Melissa James, Assistant State Meteorologist

Florida Division of Emergency Management

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

