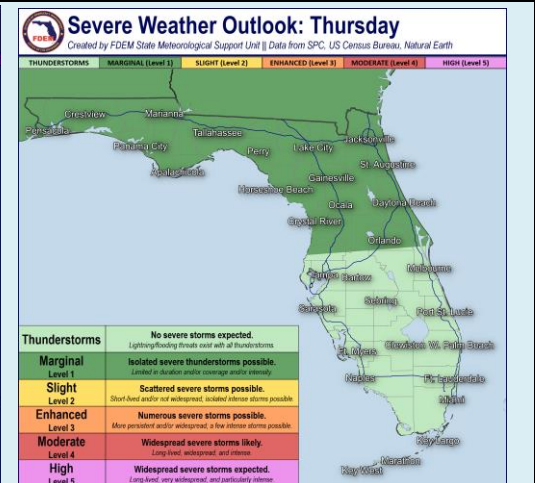
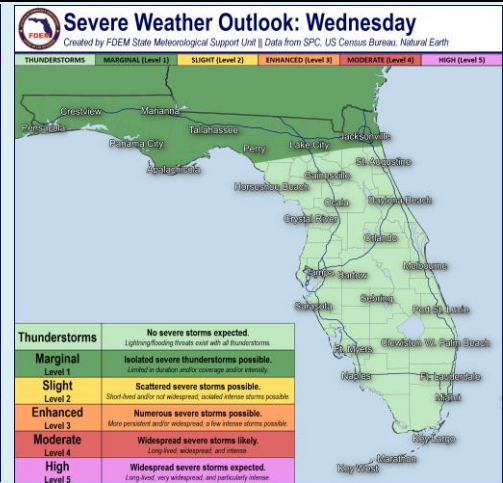
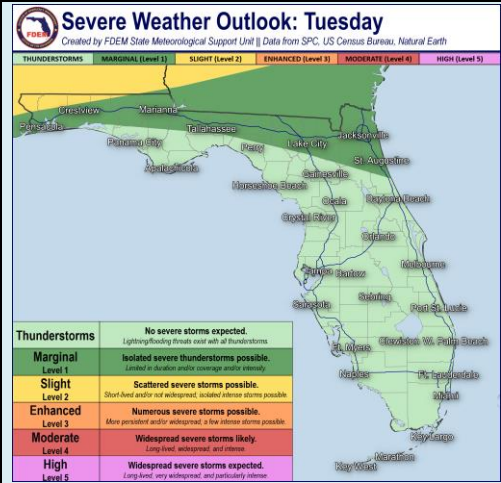


Tuesday, May 27, 2025					5-Day Statewide Weather Outlook			
No Threat		Low Threat		Moderate Threat		High Threat		
Day	Lightning	Tornado	Damaging Wind/Hail	Excessive Heat	Flash Flooding	Fog (Overnight)	Wildfire	Rip Currents
Tue	Interior Peninsula Statewide	Iso. Northwest Panhandle	I-10 Corridor; Locally Interior Peninsula	Interior South Florida Statewide	Northwest Panhandle Iso. Peninsula	Panhandle & Big Bend Iso. North Florida	Locally Peninsula	Panhandle & Atlantic Coast West Coast & Southeast FL
Wed	Locally W. Panhandle Peninsula North FL	Iso. Peninsula	North Florida; Locally Iso. Peninsula	Iso. Southwest FL Statewide	Panhandle & W. Big Bend		Locally Peninsula	Panhandle & Atlantic Coast West Coast & Southeast FL
Thu	Locally Peninsula Big Bend & West Coast	Iso. Peninsula	North Florida & N. Peninsula Iso. Statewide	West-Central & Southwest FL Statewide	Northwest Panhandle		Locally Peninsula	Panhandle & East Coast West Coast
Fri	Locally Statewide	Iso. North Florida	Iso. North & Central FL	Locally Peninsula	North Florida & N-Central FL			Panhandle East Coast West Coast
Sat	I-4 Corridor & Int. Peninsula Peninsula	Iso. Peninsula	Iso. South Florida	Iso. Keys South Florida	Locally Iso. Peninsula			Panhandle Peninsula



Severe Weather Outlook: Tuesday, Wednesday & Thursday

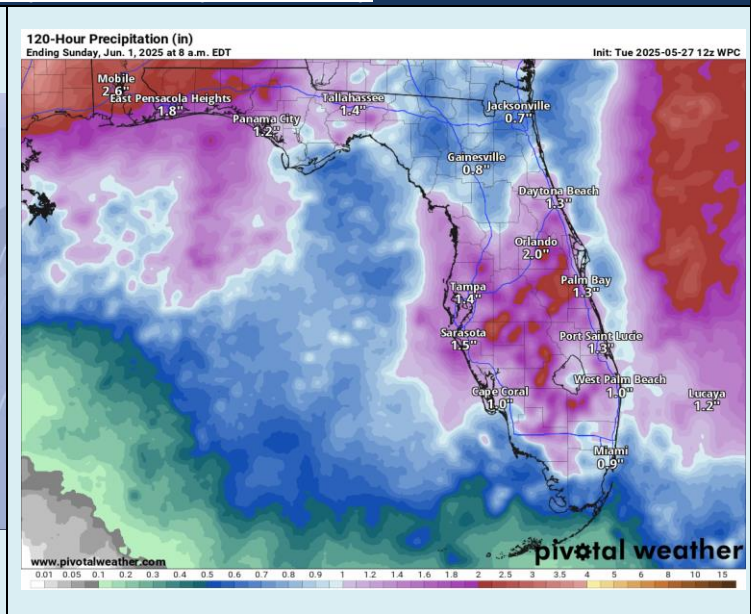
SEVERE WEATHER SAFETY THUNDERSTORMS

Check the weather forecast before leaving for an extended period outdoors.

Locate a safe room away from windows in the interior of your home or business.

Have a way to receive weather alerts and other emergency-related warnings.

FLORIDADISASTER.ORG/HAZARDS/THUNDERSTORMS

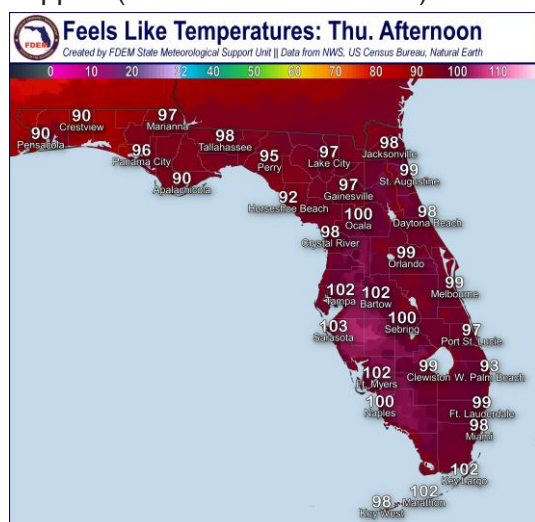
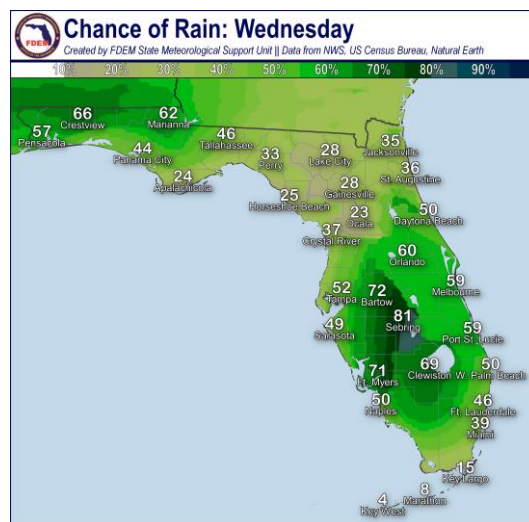


...More Active Weather Pattern Developing Across North Florida Over Next Few Days...Severe Weather Possible Each Day Throughout Portions of North Florida...Beneficial and Widespread Rainfall Arrives Later this Week With Help of Cold Front...Increasing Potential for Flash Flooding Leading Up to Friday...Daily Sea Breeze Shower and Thunderstorm Activity Expected Each Day Throughout Interior Peninsula...Heat Index Values Well Into 90s and Triple Digits Through Midweek...Slightly Reprieve of Conditions Across North Florida and Portions of Central Florida Heading Into the Weekend...Mostly Calm Marine Conditions Throughout Forecast Period; High Risk for Rip Currents Returns to Panhandle By Late Week...

Tuesday – Thursday:

A large cluster of showers and embedded strong to severe thunderstorms move eastward along the Florida Panhandle in the mid-afternoon and early evening hours. The Storm Prediction Center (SPC) has issued a **Marginal to Slight Risk (level 1-2 of 5) for Severe Weather** along the I-10 corridor and northward for embedded **strong to severe thunderstorms** within the complex as it moves eastward during the daytime. The primary concerns include damaging wind gusts (45-60 mph) with secondary threats including quarter sized hail, frequent lighting, localized heavy downpours and a brief chance for a tornado. Locally strong to severe thunderstorms will be able to produce enough rainfall that could lead to areas of **localized flooding** for urban and low-lying/ poor drainage areas. However, we cannot rule any of these lingering thunderstorms from reaching the central part of Florida Tuesday Evening (20-40% chance of rain).

Enough moisture will continue to promote rounds of scattered to severe showers throughout the state Wednesday and Thursday, especially with the help of an upper-level feature providing support (40-70% chance of rain). The Storm Prediction Center (SPC) is outlooking a **Marginal Risk**



(level 1 of 5) for Severe Weather throughout most of North Florida on Wednesday, before extending through the northern Peninsula towards the I-4 corridor on Thursday. The main concern will be similar to what was seen earlier in the week with localized flooding, damaging wind gusts (45-60 mph), frequent lightning and quarter sized hail. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across the Panhandle on Wednesday, then along the northwestern Panhandle on Thursday, as multiple rounds of shower and thunderstorms could bring locally heavy rainfall that leads to instances of flash flooding.

Daytime heating and normal sea breeze weather patterns will promote scattered showers and thunderstorms throughout the interior regions of the state each day (60-70% chance of rain). Any of these sea breeze

thunderstorms will be capable of producing gusty winds (40-50 mph), frequent lighting, small hail and instances of locally heavy downpours.

High temperatures will be similar across the state reaching the upper 80s in the Florida Peninsula and southernmost regions. Lower 90s will be felt in Northeast Florida and Northcentral Florida. Heat induces will reach the **triple digits (100-105-degrees)** during the work week for the western central part of the state and all other portions of Florida being in the upper 90s. Low temperatures will fall into the 70s throughout North and Central Florida Tuesday Night, with low temperatures in the upper 70s across South Florida. Portions of the Florida and Gold Keys will likely remain above the 80-degree mark each night.

Friday – Saturday:

A cold front will approach the state on Friday and move through North Florida bringing an additional round of scattered showers and thunderstorms with it throughout the state (50-85% chance of rain). Embedded within this cold front will be a chance for **strong to severe thunderstorms**, but as of right now the Storm Prediction Center (SPC) is not outlooking an organized risk.

Regardless, any of these **strong to severe**

thunderstorms that develop will be capable of producing

frequent lightning, damaging wind gusts (45-60 mph), a

brief tornado or two and locally heavy downpours. This

system will also help to bring much needed rainfall

throughout North Florida and into the northern Peninsula

Friday evening. The Weather Prediction Center (WPC) is

also outlooking a **Marginal Risk (level 1 of 4) for Flash**

Flooding throughout North Florida and the northern

Peninsula on Friday for heavy rainfall producing localized instances of localized flash flooding. The

front will begin to lose its structure and strength as it passes through the I-4 corridor on Saturday but

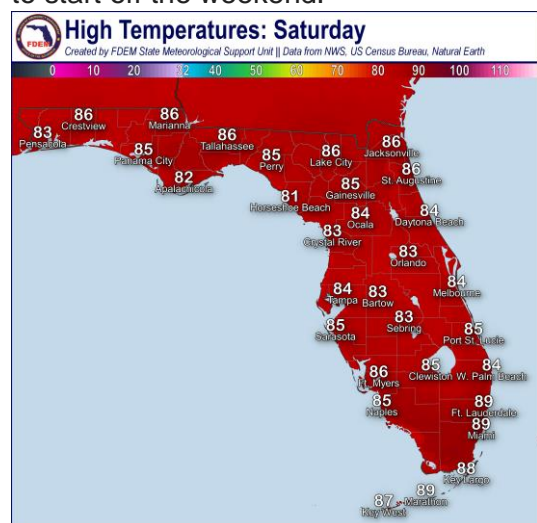
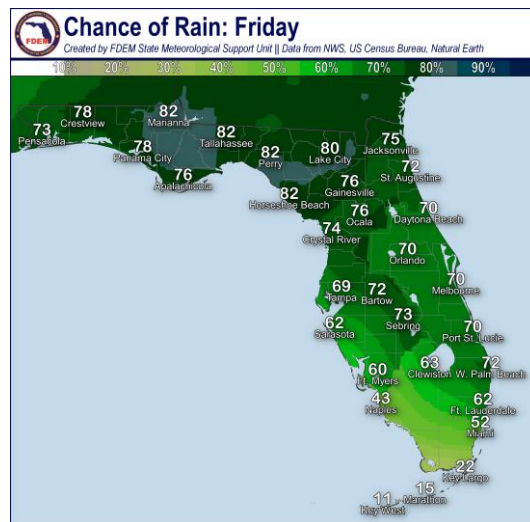
will still maintain its ability to bring scattered showers and thunderstorms throughout South Florida

(60-80% chance of rain). Locally **embedded strong to severe thunderstorms** near the front cannot

be ruled out during the peak heating hours of the day on Saturday. Across North Florida on Saturday,

drier conditions will return in the wake of the passing cold front and help to bring pleasant conditions

to start off the weekend.



The cold front and rounds of showers moving through Florida on Friday will allow for a break of 90-degree temperatures. High temperatures will range across the state in the mid-80s for the northern Peninsula of Florida and upper 80s for areas south of the I-4 corridor.

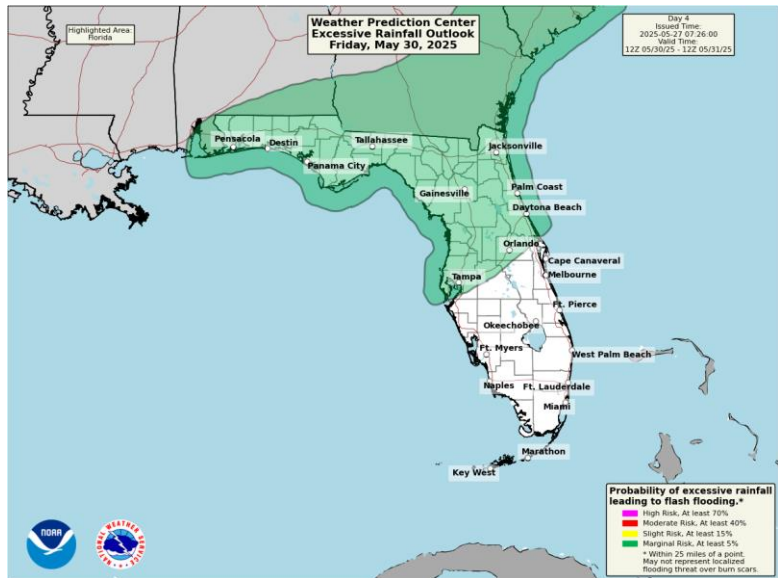
Temperatures will cool off even more on Saturday, ranging in the lower 80s for the Panhandle and Central Florida. The southern tip of Florida is expected to reach the upper 80's expecting to hold just shy of 90-degrees. Heat Indexes or feel like temperatures will be well below triple digit values throughout the forecast period. Overnight temperatures across the Sunshine state will be in the upper 70s and lower 80s on Friday and continue the cooling trend on Saturday with temperatures in the low to mid 70s across



much of the state and upper 70's for the southern Peninsula of Florida.

Hydrology & Flooding:

The more active weather pattern across the Panhandle and North Florida will lead to locally heavy rainfall and repeated rounds of rainfall through the midweek to late week. The northwestern Panhandle on Tuesday could see locally heavy rainfall from a thunderstorm complex moving adjacent to the state line. This could lead to instances of **localized flash flooding** for urban and low-lying/poor drainage. As an upper-level feature moves over North Florida on Wednesday, the flash flood threat extends throughout the Panhandle and western Big Bend, and there is a **Marginal Risk (level 1 of 4) for Flash Flooding**. Plenty of moisture will give way to repeated rounds of rainfall, some of which could bring locally heavy rainfall that leads to ponding of water. The northwestern Panhandle could see an additional round of heavier rainfall on Thursday and is included within the **Marginal Risk (level 1 of 4) for Flash Flooding**. As a cold front approaches the state Friday, plenty of moisture ahead of it will bring widespread rainfall across North Florida and towards the I-4 corridor. Locally heavy downpours each day across urban and low-lying/poor drainage areas could lead to instances of ponding of water or localized flash flooding. Rainfall totals of 1-3" will be possible over the next 5 days, with **locally higher totals upwards** of 4-5" possible with locally heavier downpours. 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. Any locally heavier rainfall could lead to instances of local water level rises within quick-response rivers along the Panhandle through the end of the week. For more information, visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 10.95 feet, which is within the operational band and 2.19 feet below normal for this time of year.

Fire Weather:

The return of warm and dry conditions throughout the Peninsula led to an expansion of severe to extreme drought conditions on last week's [Drought Monitor](#) update (5/22). **Severe drought conditions** expanded further north along the Florida West Coast into Hillsborough County, as well as along the eastern edge of Lake Okeechobee. **Extreme drought conditions** were pushed further east into western Palm Beach, Broward and Miami-Dade Counties. Temperatures were near to slightly above normal during the observation period, but recent rainfall has allowed for streamflow and soil moisture to increase. Other improvements were made along the Panhandle with the removal of pockets of abnormally dry (emerging drought) conditions. Some heavier pockets of rainfall occurred over the last 7 days, which will be taken into consideration throughout the Peninsula. This may keep conditions largely the same on the next update to be released on Thursday.

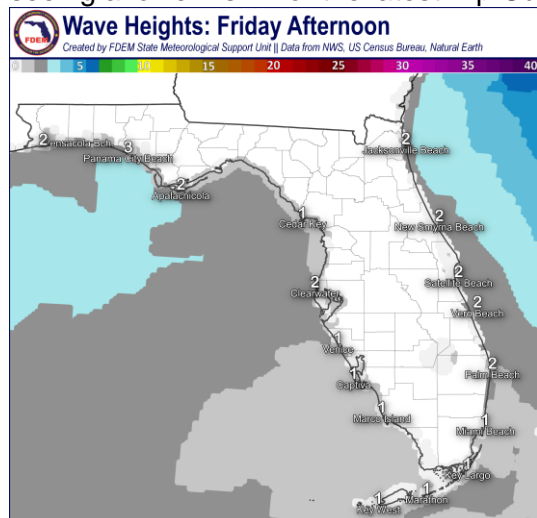
[The Keetch-Byram Drought Index](#) average for Florida is **394 (-3)** on a scale from 0 (very wet) to 800 (very dry). There are **8** Florida counties (Charlotte, Collier, Hillsborough, Lee, Manatee, Pinellas, Sarasota and Sumter) with an average KBDI over 500 (drought/increased fire danger).



A more wet and active weather pattern will return across the Sunshine State throughout much of the forecast period. With ongoing drought conditions, **locally sensitive wildfire** conditions will remain possible. Daily thunderstorms will also produce lightning and erratic winds that may contribute to igniting or spreading new fires. Drier conditions will return later in the forecast period across North and Central Florida as a frontal boundary moves through. According to the [Florida Forest Service](#), there are currently 113 active wildfires across the state burning approximately 6,685 acres.

Rip Currents & Marine Hazards:

Onshore winds will persist along the Panhandle through the weekend creating a **moderate risk for rip currents** each day. As a front approaches from the north later this week, increasing ocean swells and winds will likely create a **high risk for rip currents** Friday and into Saturday. Similarly, Atlantic beaches will also see onshore winds each day and mostly calm marine conditions. Numerous beaches can expect to see a **moderate risk for rip currents** each day, with Southeast Florida beaches likely seeing a lower risk. For the latest Rip Current Outlook, visit www.weather.gov/beach.



Mostly calm marine conditions can be expected throughout the next few days along the West and Gulf Coast as wave heights will remain near 1-2'. Seas will build along the Panhandle and Big Bend coastlines late Friday afternoon and evening to **reach 3-4'** as a frontal boundary moves through. By Saturday, elevated surf upwards of 3' returns briefly along West-Central Florida beaches before dissipating. Atlantic beaches can expect wave heights to increase to 1-3' Tuesday evening and persist throughout the rest of the week. Breaking waves **upwards 4'** within the surf zone will be possible for Northeast Florida beaches late Friday and into Saturday.

Red Tide has been observed at background levels in **3** samples offshore of Pasco, Sarasota and Monroe counties as of 5/23.

The latest **Blue-Green Algae** report shows algal bloom conditions were reported at 44 site visits from 5/16 to 5/22. Satellite imagery taken from Lake Okeechobee shows low to **moderate bloom potential** primarily from Fisheating Creek north to the city of Okeechobee and along the western and southern shorelines. Updated imagery for the St. Johns River shows low to **high bloom potential** throughout Lake George and the mainstem of the river downstream to Palmo Cove. **Moderate bloom potential** is visible in western portions of Doctors Lake. No visible bloom potential has been observed along the Caloosahatchee or St. Lucie Estuaries.

[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:

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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



FDEM Statewide 5-Day Weather Outlook
5.27.25

