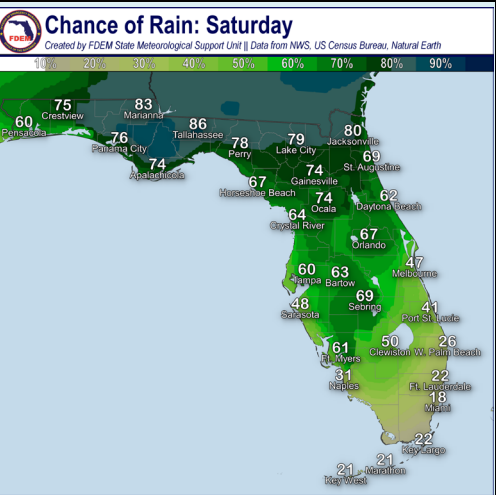
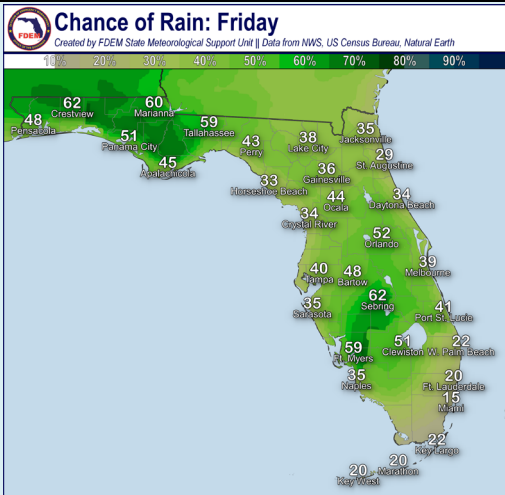
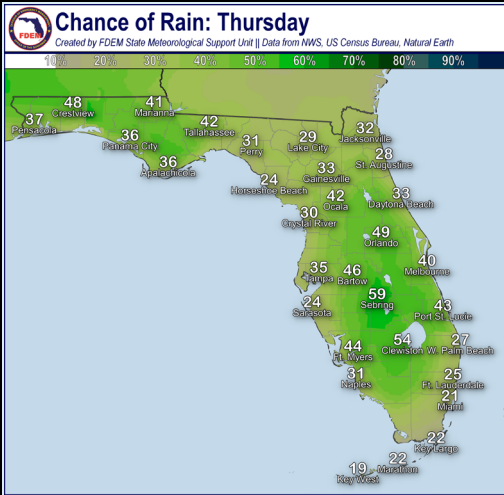
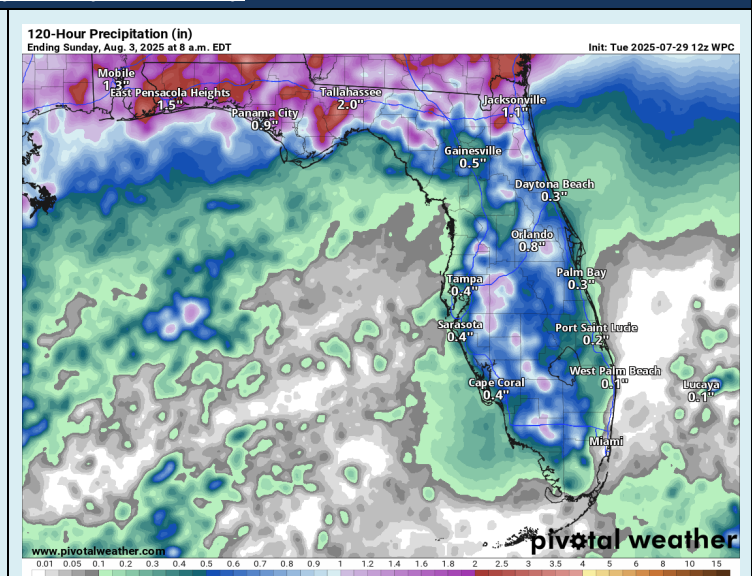
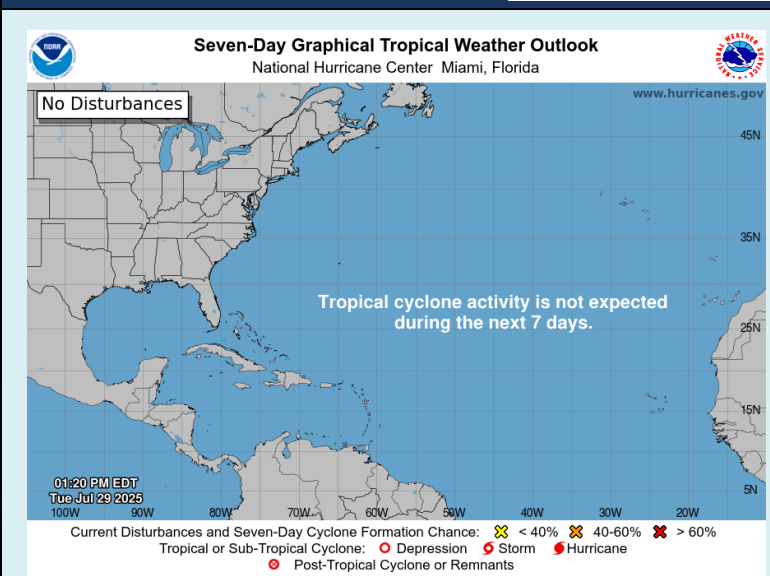


Tuesday, July 29, 2025				5-Day Statewide Weather Outlook				
No Threat			Low Threat		Moderate Threat		High Threat	
Day	Lightning	Tornado	Damaging Wind/Hail	Excessive Heat	Flash Flooding	Fog (Overnight)	Wildfire	Rip Currents
Tue	I-10 Corridor Statewide		I-10 Corridor; Iso. Statewide	North & Central FL South FL	Panhandle & I- 10 Corridor			North Florida Peninsula
Wed	W. Panhandle & I-75 Corridor Statewide		W. Panhandle; Iso. Statewide	North & Central FL South FL	Iso. Western Panhandle			North Florida Peninsula
Thu	W. Panhandle & Interior Peninsula Statewide		Interior Peninsula; Iso. Statewide	North & Central FL South FL	Iso. South- Central FL			North Florida Peninsula
Fri	W. Panhandle & Southwest FL Statewide		W. Panhandle & Southwest FL; Iso. Statewide	Locally I-10 Corridor Statewide	Iso. Western Panhandle			Locally Panhandle North Florida Peninsula
Sat	I-10 Corridor & North FL Central FL South FL		North Florida; Iso. Central FL	Locally I-10 Corridor Statewide	Locally Northeast FL North Florida			Locally Panhandle North Florida Peninsula



Rain Chances: Thursday, Friday & Saturday



7-Day Tropical Weather Outlook

5-Day Forecast Rainfall Totals through Saturday Evening



...Dangerous Heat and Humidity Across the State Each Day; Some of The Hottest Conditions of the Summer...Upper-Level Feature Creating Enhanced Shower and Thunderstorm Activity Along I-10 Corridor Tuesday...More Typical Summertime Thunderstorm Pattern Through End of Week...Weak Front Approaches State Late Friday and Into Saturday...Widespread Showers and Thunderstorms Expected Across North Florida Saturday; Scattered Activity for Central Florida...Locally Heavy Downpours and Slow-Moving Thunderstorms Could Lead to Instances of Localized Flash Flooding...Heat Advisories Needed Daily; Excessive Heat Warnings Possible Through Wednesday or Thursday for Portions of the State...Mild Low Temperatures May Prolong Daytime Heat and Humidity Bringing Little Relief Overnight...

Tuesday:

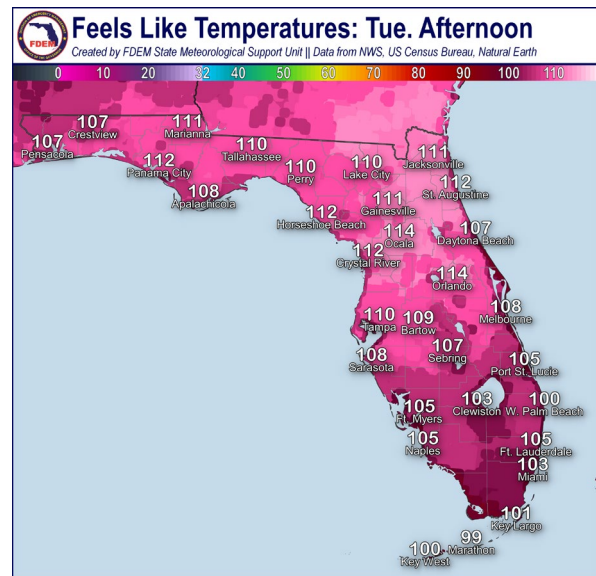
Dangerously hot and humid conditions will develop throughout the day across the Sunshine State as high pressure over the central and eastern U.S. continues to dominate. An upper-level disturbance over the Deep South will help to increase shower and thunderstorm activity later this afternoon and evening across the Panhandle and I-10 corridor, leading to more scattered to widespread activity than the last few days (50-70% chance of rain). The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across the I-10 corridor where locally heavy downpours and slow-moving thunderstorms could lead to instances of localized flash flooding and ponding of water. Rain chances across the Peninsula will continue to remain isolated to widely scattered along the sea breeze during the peak heating hours of the day. Regardless, **embedded locally strong to severe thunderstorms** cannot be ruled out later in the day and will be capable of producing frequent lightning, gusty winds and heavy downpours.

Heat building throughout the day with plenty of sunshine will give way to high temperatures in the middle to upper 90s across the state, with portions of North and Central Florida **possibly reaching 100-degrees** before thunderstorm activity. **Dangerous heat index values in the 100s and 110s** can be expected throughout the state again by the early to mid-afternoon hours. **Extreme Heat Warnings** will go into effect midday across Northeast and Central Florida where **heat index values of 112-116-degrees** can be expected. **Heat Advisories** extend across North and Central Florida towards Lake Okeechobee, and will go into effect midday, for **heat index values of 108-112-degrees** expected.

Showers and thunderstorms that develop in the afternoon and evening hours will continue to slowly wane and dissipate heading into the overnight hours. The upper-level disturbance over the Deep South may allow for showers and thunderstorms to linger overnight across the Panhandle before shifting offshore early Wednesday morning (20-40% chance of rain). Low temperatures will remain mild in the upper 70s to lower 80s, giving little relief from daytime heat and humidity.

Wednesday– Friday:

The upper-level disturbance lingering over the Deep South will continue to enhance daily shower and thunderstorm activity along the sea breeze across the Panhandle, especially on Wednesday (45-60% chance of rain). Meanwhile, drier air begins to filter into Northeast Florida and across the Peninsula from east to west, briefly, which could keep shower and thunderstorm activity more isolated to widely scattered in nature (30-55% chance of rain). Showers and thunderstorms across the state will develop



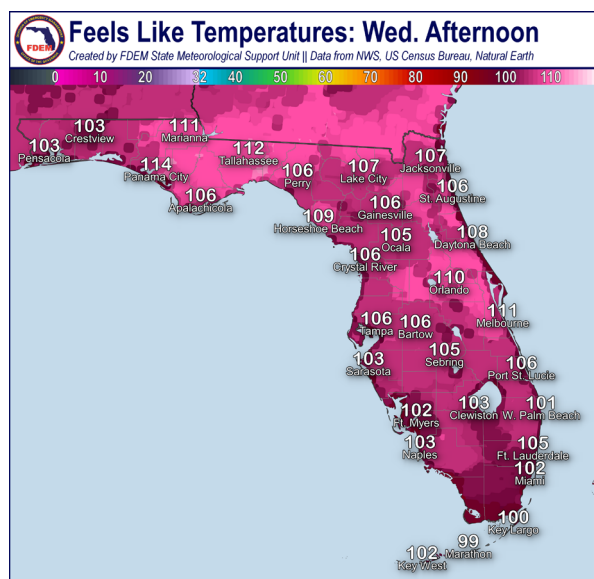
throughout the afternoon and evening hours along the sea breeze boundaries, especially with the lack of large scale upper-level support. With the help of daytime heating, thunderstorms may become **locally strong to severe** along the sea breeze and bring frequent lightning, gusty winds and heavy downpours.

Dangerous heat and humidity can be expected to continue through the midweek and remain the main concern across the state. High temperatures will continue to reach the middle to upper 90s

each afternoon; however, increased rain chances will help to keep temperatures a couple degrees cooler.

Heat index values will also reach the **100s to lower 110s** throughout the state before shower and thunderstorm activity develops. **Heat Advisories** can be expected throughout North and Central Florida each day, and they may be needed across portions of South Florida, for **heat index values of 108-112-degrees** anticipated. **Excessive Heat Warnings** may be considered for portions of Northeast and East-Central Florida on Wednesday for **heat index values greater than 113-degrees**.

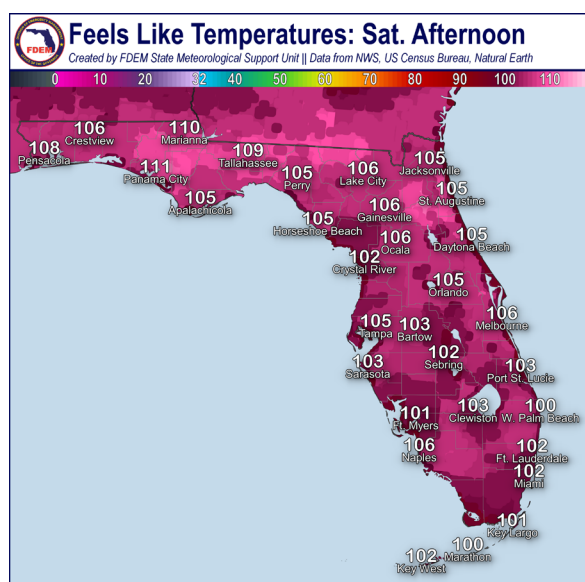
Showers and thunderstorms will dissipate and move offshore through the late evening hours leading to mostly dry conditions overnight. Low temperatures will remain in the middle to upper 70s and lower 80s overnight, which may continue to create warm and humid conditions and bring little relief overnight.



Saturday:

A weak cool front will move through the Southeast U.S. Friday and through Saturday before stalling through the rest of the weekend; however, it won't quite reach the Sunshine State. As the front approaches the state on Friday, elevated thunderstorm activity can be expected along the Panhandle with the help of moisture building ahead of it (45-65% chance of rain). By Saturday, this cool front will help to increase rain chances across the I-10 corridor and the Panhandle on Saturday leading to scattered to numerous showers and thunderstorms by the afternoon and evening hours (70-90% chance of rain). Organized severe weather is not expected with the front as it remains relatively weak and lack upper-level support; however, **embedded locally strong to severe thunderstorms** will be possible. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across North Florida on Saturday where intense downpours could lead to instances of flash flooding and ponding of water. Elevated moisture ahead of the front will also help to enhance shower and thunderstorm activity across Central Florida where widely scattered showers and thunderstorms can be expected (50-70% chance of rain). Drier air over South Florida will continue to diminish widespread rain chances and keeping thunderstorm activity locally isolated in the afternoon along the sea breeze.

Before showers and thunderstorms develop, high temperatures will reach middle to upper 90s in the afternoon once again; however, these temperatures should be a couple degrees cooler than earlier in the week. **Triple digit heat index values** will continue statewide with values reaching the **100s and lower 110s**. **Heat Advisories** will likely extend throughout



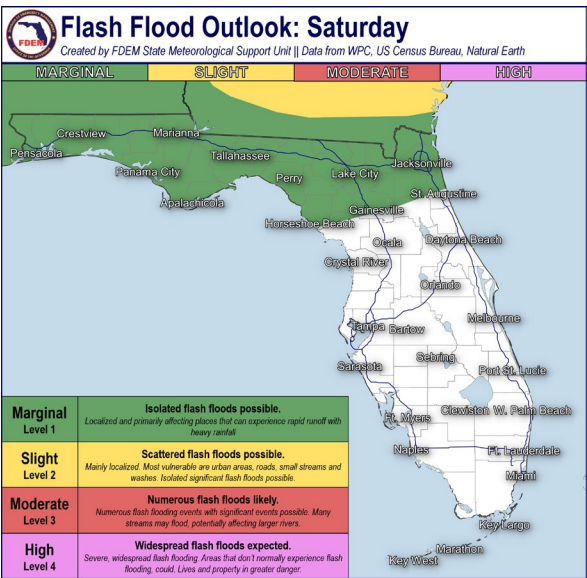
most of the state Friday and into Saturday; however, depending on timing of showers and thunderstorms on Saturday could keep conditions slightly cooler. Low temperatures will keep to the middle to upper 70s and lower 80s overnight.

Tropical Weather:

Tropical cyclone activity is **not expected** within the next 7 days. Please visit the National Hurricane Center (NHC) [website](#) for the latest on the tropics.

Hydrology & Flooding:

The Weather Prediction Center (WCP) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across the I-10 corridor on Tuesday where increased shower and thunderstorm activity can be expected. Locally heavy downpours or slow-moving thunderstorms may be capable of producing quick accumulations that lead to **localized instances of flash flooding or ponding of water**, especially for urban and low-lying/poor drainage areas. Daily showers and thunderstorms each day may be capable of producing quick downpours that lead to ponding of water throughout the state. Friday and



into Saturday a frontal boundary will move into the Deep South U.S. helping to enhance shower and thunderstorm activity as moisture plumes ahead of the it. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** on Saturday across North Florida as the front approaches the state then begins to stall. Enhanced moisture along and ahead of the front will give way to instances of locally heavy downpours and intense rainfall rates that could lead to **ponding of water** in low-lying places. Rainfall totals will remain the greatest across North Florida through the next 5 days reaching upwards of 2-4" locally. Throughout the Peninsula, the typical summertime thunderstorms could lead to widespread rainfall totals of 1-2" with locally higher totals. For the latest on the rainfall outlook, please visit the Weather Prediction Center (WPC) [website](#).

The [Ocklawaha River at Rodman Dam](#) and [Fisheating Creek at Palmdale](#) remain at Action Stage (bank-full). Drier conditions today will likely continue to help elevated waters continue to gradually decline through the weekend. There are no riverine concerns at this time. Locally heavy downpours may lead to instances of water levels rising for quick-response streams and creeks; however, streamflows throughout the state remain near to below normal. For more information, visit the [River Forecast Center](#).

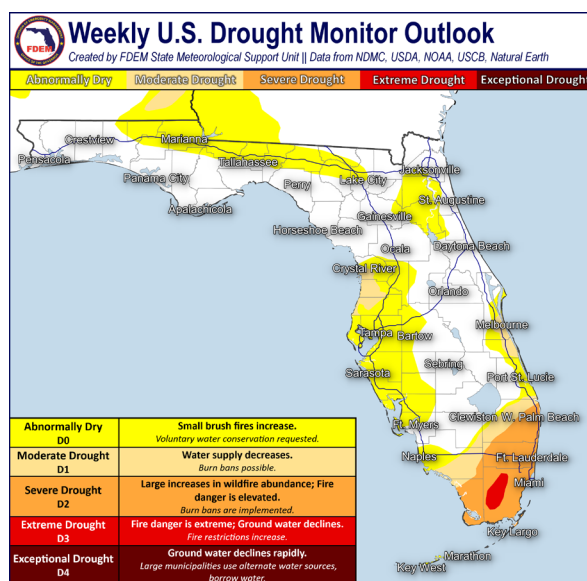
Lake Okeechobee's average elevation is 12.06 feet, which is within the operational band and 1.67 feet below normal for this time of year.

Drought & Fire Weather:

Drought conditions remain largely unchanged throughout the Peninsula on the latest [Drought Monitor](#) update (7/24). Abnormally dry (emerging drought) and **moderate drought (level 1 of 4)** were removed across Marion County and portions of the northern Peninsula this week following locally heavy rainfall of 4-6" was observed over the last 7 days. Rainfall throughout the rest of state was near 1-2" on average, with locally higher totals upwards of 3-4" across portions of the state. With a decline in the typical summertime thunderstorm pattern across the Panhandle and above normal temperatures drying out ground soils, abnormally dry conditions have expanded along the I-10 corridor throughout the Big Bend region.



On the next update to be released this Thursday (7/31), some additional improvements to the abnormally dry conditions may be possible along the northern Peninsula and the Florida West Coast where 7 day rainfall totals were near 3-4" with locally higher totals upwards of 5-6" along the Nature Coast. Across the Panhandle, temperatures were also above normal and some of the warmest temperatures of the summer so far were recorded. While rainfall totals of 2-4" were more scattered across the region, the above normal temperatures and lack of daily sea breeze thunderstorms may lead to the expansion of abnormally dry conditions on the next update. Southeast Florida continues to see rainfall totals remain well below normal, and the ongoing **severe (level 2 of 4) to extreme drought conditions (level 3 of 4)** will also persist. Streamflows across the state are running near normal to below normal, with portions of West-Central Florida, specifically the Alafia River, remaining much below normal.



The Keetch-Byram Drought Index average for Florida is **295** on a scale from 0 (very wet) to 800 (very dry). There are **no** Florida counties with an average KBDI over 500 (drought/increased fire danger).

Hot conditions will continue to dry out soils and vegetation that don't receive afternoon showers and thunderstorms, which could elevated wildfire conditions locally where ongoing drought continues. Drier conditions filtering into the eastern half of the state midweek could also elevate local wildfire conditions along portions of the East Coast, especially Southeast Florida, where there is the greatest drought conditions. Overall, relative humidity values will remain above critical thresholds and winds will remain relatively light. *Thunderstorms will be capable of producing frequent lightning and erratic winds, which could contribute to a localized wildfire threat.* According to the [Florida Forest Service](#), there are currently 19 active wildfires across the state burning approximately 249 acres.

Rip Currents & Marine Hazards:

Winds shifting out of the southwest along Panhandle beaches later in the day on Tuesday and into Wednesday will create a **moderate risk for rip currents** for all beaches as flow returns onshore. While West Coast beaches will also see onshore winds, these winds will be weaker compared to those along the Panhandle therefore keeping a low risk in place. A **localized moderate risk** cannot be ruled out through. These conditions will continue through the rest of the week and into the weekend, which may create a **locally high risk for rip currents** due to the persistence of onshore winds along the Panhandle. Atlantic beaches can also expect a largely unchanged pattern with southerly to southeasterly winds flowing onshore each day creating a **moderate risk** for Northeast Florida beaches but a low risk everywhere else. *Daily thunderstorms may lead to choppy waters and rough beach conditions.* For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine and beach conditions will remain calm over the next 5 days across the state as wave heights of 1-2' persist across the state. As a frontal boundary stalls over North Florida this weekend, wave heights may increase to 3' along portions of the Panhandle and Northeast Florida.

The latest **Blue-Green Algae** report shows algal bloom conditions were observed at 16 sites out of the 52 site visits conducted from 7/18 to 7/24. Satellite imagery for Lake Okeechobee shows **moderate bloom potential** on approximately 40% of the lake with the highest potential in the northern portion of the lake. **Moderate bloom potential** was also observed throughout visible portions of Lake George and the mainstem of the St. Johns River downstream to Palatka. Scattered low to **moderate**

bloom potential was also observed down to Doctors Lake from the satellite imagery over the St. Johns River. No significant bloom potential was observed for the Caloosahatchee or St. Lucie 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

Florida Division of Emergency Management

www.FloridaDisaster.org/Weather

