

Friday, August 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
Fri	South FL & Keys Peninsula Panhandle		Iso. Statewide	Statewide Locally South FL & Keys	Panhandle & East Coast			Panhandle & Space Coast West Coast
Sat	Statewide Western Panhandle		Iso. Statewide	Locally North FL Central & South FL	Panhandle & East Coast			Panhandle & East Coast West Coast & S FL
Sun	Peninsula Panhandle & Big Bend Western Panhandle		Iso. Statewide	Locally North FL Central & South FL	Statewide			First Coast Panhandle & East Coast West Coast & South FL
Mon	Central Peninsula Western Panhandle South FL		Iso. Peninsula	Statewide Locally South FL & Keys	Peninsula Iso. Panhandle			Locally NE FL Panhandle & East Coast West Coast
Tue	Central Peninsula Panhandle South FL		Iso. Peninsula	Statewide Locally South FL & Keys	Peninsula Iso. Panhandle			Locally NE FL Panhandle & East Coast West Coast

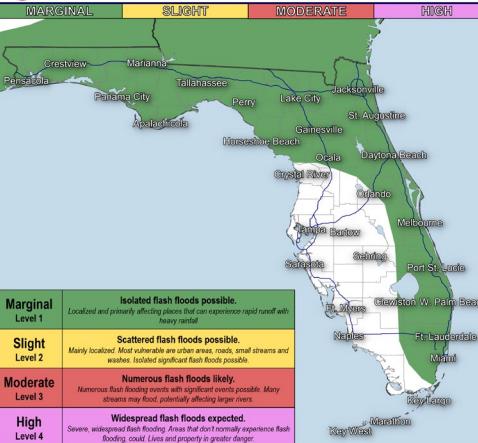
Flash Flood Outlook: Friday

Created by FDEM State Meteorological Support Unit || Data from WPC, US Census Bureau, Natural Earth



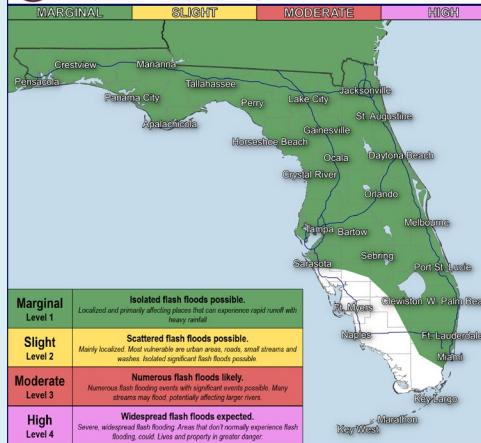
Flash Flood Outlook: Saturday

Created by FDEM State Meteorological Support Unit || Data from WPC, US Census Bureau, Natural Earth

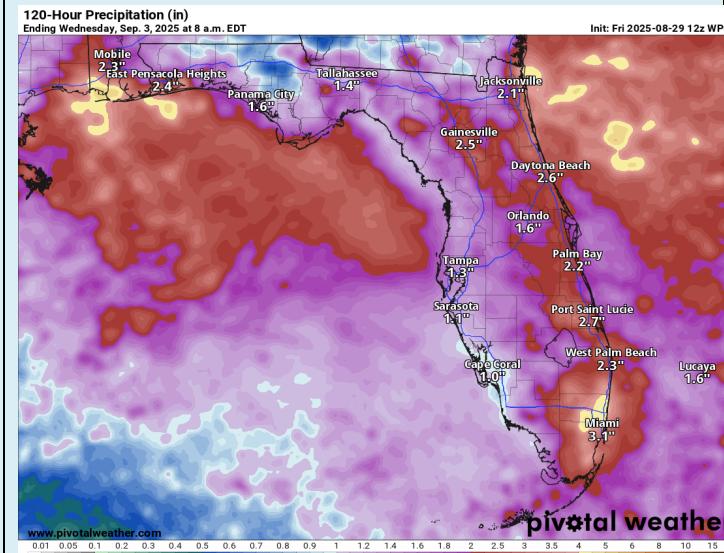
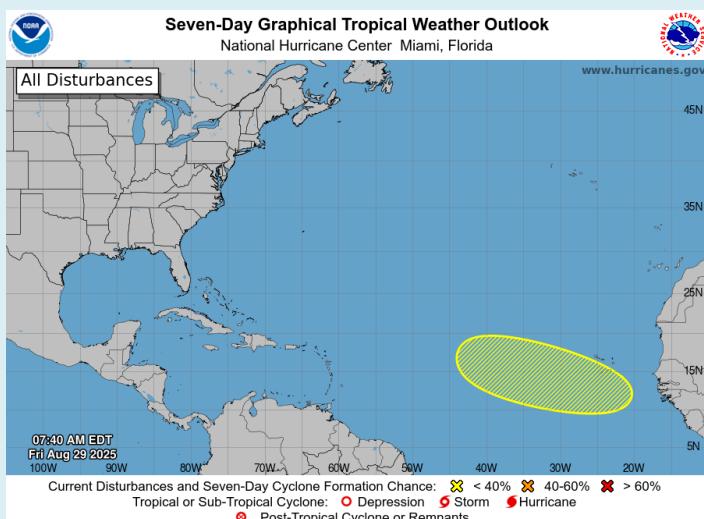


Flash Flood Outlook: Sunday

Created by FDEM State Meteorological Support Unit || Data from WPC, US Census Bureau, Natural Earth



Flash Flood Outlook: Friday, Saturday, and Sunday



7-Day Tropical Weather Outlook

5-Day Forecast Rainfall Totals through Tuesday Evening

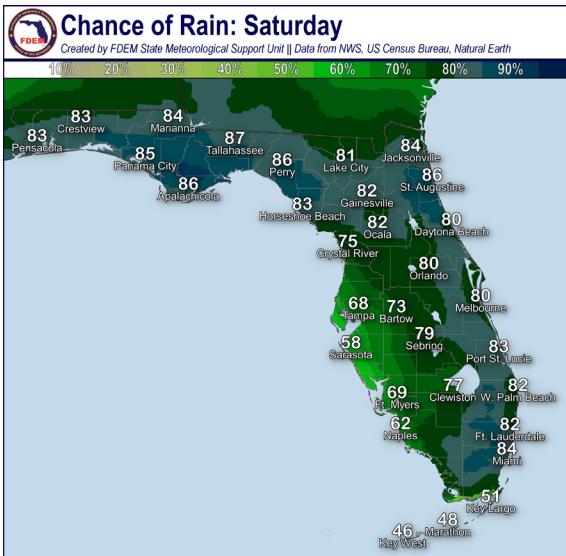


FDEM Statewide 5-Day Weather Outlook
8.29.25



... Wet and Unsettled Conditions Return as a Stationary Front Stalls Across North Florida...Daily Shower and Thunderstorm Activity Expected Statewide...Marginal Risk for Flash Flooding Outlooked Each Day... Locally Embedded Strong to Severe Thunderstorms Possible... Some Drier Air Enters Northern Panhandle By Monday... Heat Index Values Remain Below Triple Digits Across North and Central Florida... South Florida May See Localized Triple Digit Heat Indices...Football Forecasts Return...

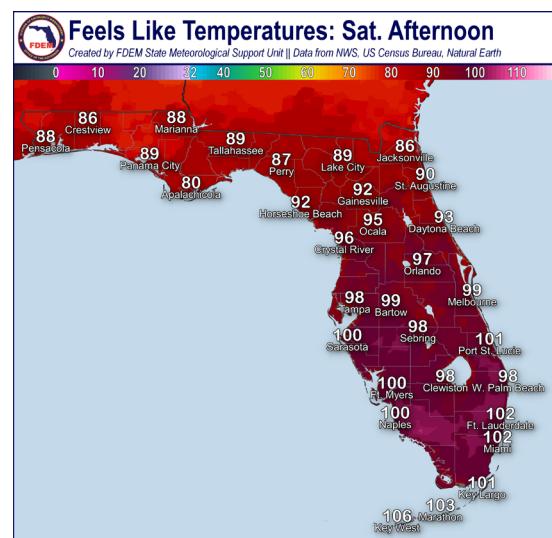
Friday - Sunday:



A rather wet and unsettled period is expected through the next five days as a large scale upper-level disturbance remains stagnant over the Eastern U.S., keeping a persistent westerly to northwesterly flow across Florida. On the southern periphery of this large upper-level disturbance centered over New England, a cold front will stall and a few smaller scale disturbances will trek along the front providing additional support for numerous to widespread shower and thunderstorm development each day. On Friday, this front will sag south into North Florida as ample tropical moisture pools along and south of it. Scattered to numerous showers and thunderstorms are expected during peak heating hours with help from the daily sea breeze boundaries (40-60% chance of rain), with greater coverage across Southeast Florida where the greatest moisture is (60-80% chance of rain). Moisture will gradually increase northward each day this

weekend, leading to numerous to widespread showers and thunderstorms Saturday and Sunday statewide (70-90% chance of rain). Most of these showers and storms will initiate during the afternoon hours (2:00 to 7:00 PM EST) and generally move south and eastward across the Peninsula and Panhandle. The greatest chances of rain and rainfall will favor the East Coast and Central Peninsula due to the general westerly flow across the state, though early morning showers and thunderstorms will favor the West Coast. Numerous days of rainfall may lead to very saturated soils and thus **localized flash flooding** concerns. The Weather Prediction Center (WPC) has outlooked the Panhandle, much of Central Florida, and the East Coast under a **Marginal Risk (level 1 of 4) for Flash Flooding** through the weekend. Although flash flood guidance (the amount of rainfall needed to produce flash flooding) is still modest, multiple days of heavy rainfall may eventually result in an **earlier onset to flash flooding or ponding of water**, especially in localized areas that receive repeated rounds or prolonged thunderstorms. Some **locally strong to severe** thunderstorms that develop will be capable of producing frequent lightning, gusty winds, and heavy downpours. Conditions will generally dry out during the overnight hours across the state, though the nearby front and ample tropical moisture will keep some lingering showers around (30-50% chance of rain), especially along the coastlines.

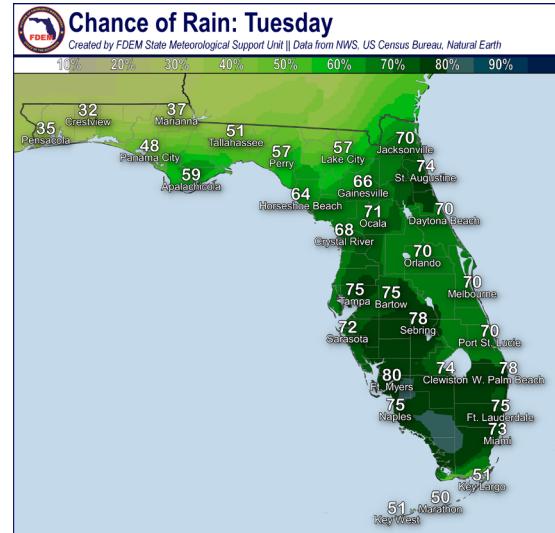
Abundant cloud cover and rainfall will certainly keep the high temperatures cooler than usual throughout the weekend across North Florida, though conditions will still feel **warm and muggy**. High temperatures will only reach the middle 80s to lower 90s along the I-10 corridor south to the I-4 corridor in Central Florida. A bit more sunshine will allow high temperatures to climb into the middle 90s south



of the I-4 corridor into South Florida where **heat index values** may reach the **triple digits (100-105-degrees)**. However, North and Central Florida will remain below triple digits in feels like temperatures. Low temperatures will fall into the upper 60s to lower 70s throughout North Florida overnight each night. The rest of the state will see low temperatures in the middle to upper 70s and lower 80s.

Monday-Tuesday:

The stalled front will slowly drift southward to start next week bringing some drier conditions back to the Panhandle and Big Bend region (30-55% chance of rain), otherwise much of the same is expected each day. Central and South Florida will continue to see elevated daily shower and thunderstorm chances along the sea breeze (60-80% chance of rain). Although rainfall chances will be lower across the Panhandle, there still might be isolated showers and thunderstorms that develop during the afternoon hours. The Weather Prediction Center (WPC) maintains a **Marginal Risk (level 1 of 4) for Flash Flooding** across the entire Peninsula Monday and Tuesday. Due to multiple days of rainfall, some areas will see an elevated **flash flood risk** with saturated soils or backed up drainage systems. Some locally **strong to severe thunderstorms** will be possible during the afternoon and evening hours each day across the Peninsula.



High temperatures will remain muted across much of the state to start next week as abundant cloud cover keeps afternoon temperatures only reaching the lower to middle 80s across North Florida and upper 80s to lower 90s across Central and South Florida. **Heat index values** won't deviate much from the actual temperature across northern portions of the state, though South Florida and the Keys may continue to see **triple digit (100 to 105-degrees)** feels-like temperatures. Low temperatures will remain in the lower 70s across North Florida and middle to upper 70s and lower 80s across Central and South Florida through the forecast period.

Tropical Weather:

Eastern Tropical Atlantic: A tropical wave is forecast to emerge off the west coast of Africa on Sunday. Thereafter, environmental conditions could support some slow development of this system while it moves westward to west-northwestward at 15 to 20 mph across the eastern and central tropical Atlantic next week.

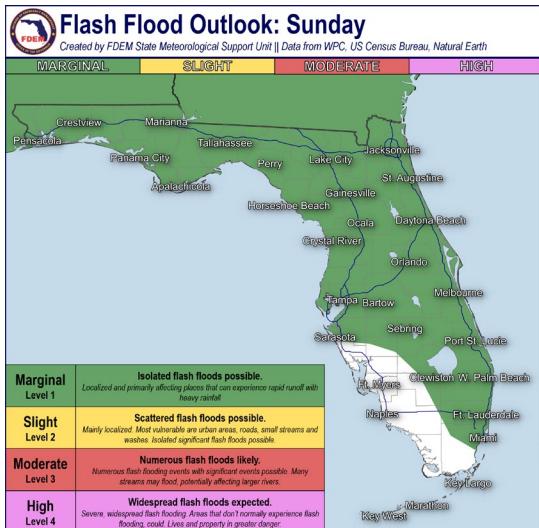
- Formation chance through 48 hours...**low...near 0 percent**.
- Formation chance through 7 days...**low...30 percent**.

Hydrology & Flooding:

Repeated rounds of daily showers and thunderstorms will persist through the forecast period across much of the Sunshine state. Recent 5-day rainfall totals across the state are generally in the 1-3" range. However, portions of the West Coast and Northeast Florida have exceeded 7" in the past 5 days. As such, many of these areas have already saturated soil levels and additional rainfall this week will lead to **localized flash flooding** concerns. The Weather Prediction Center (WPC) has outlooked much of the state with a **Marginal Risk (level 1 of 4) for Flash Flooding** through the next 5 days as repeated rounds of heavy downpours are expected in localized areas. Not all locations will experience heavy rainfall, however as evident in the distribution of rainfall this past week across the state, some locations will exceed expectations. A general 2-4" of rain can be expected in most locations, however **locally higher totals** are possible upwards of 6" or more. Some showers and thunderstorms will be slow moving which will contribute to the localized flooding risk. The 1-hr flash flood guidance (amount



of rainfall needed to produce flash flooding in one hour) is currently between 3-3.5" across much of the state. However, that may be reduced throughout the coming days in localized areas, leading to an **earlier onset** to flooding, especially in urban and poor-drainage locations. For the latest on the rainfall outlook, please visit the Weather Prediction Center (WPC) [website](#).



The [Myakka River at Myakka River State Park](#), [St. Johns River at Astor](#), [Fisheating Creek at Palmdale](#), and [Georgetown](#) are all at Action Stage (bank-full) this afternoon following recent heavy rainfall and will remain so throughout the weekend and into the start of next week. The [Little Manatee at Wimauma at US-301](#) is also at Action Stage this afternoon, though will fall back to normal levels overnight. There are no rivers forecast to rise into flood stage this weekend, though localized heavy rainfall across basins may lead to some riverine responses. Any heavy rainfall that occurs in Southeast Georgia may also result in downstream riverine rises in Northeast Florida. Riverine conditions will likely change and need to be monitored as the weekend progresses. For more information, visit the [River Forecast Center](#).

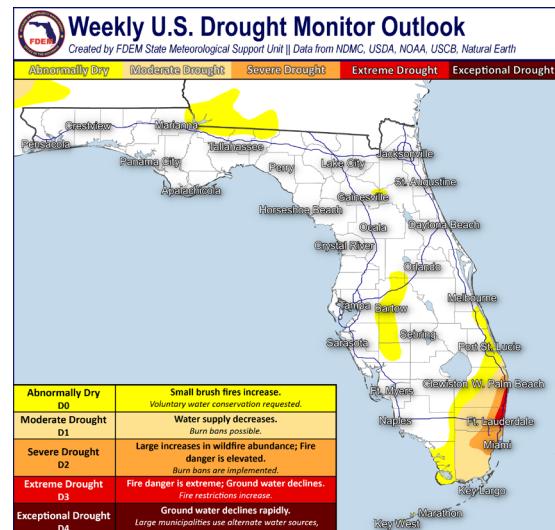
Lake Okeechobee's average elevation is 12.38 feet, which is within the operational band and 1.79 feet below normal for this time of year.

Drought & Fire Weather:

Some much-needed improvements were made across the state in the most recent drought monitor outlook. Upwards of 3-5" of rainfall fell across interior and southern Miami-Dade county in the past week, resulting in a reduction of the severe drought to a **Moderate Drought (level 1 of 4)**. Mainland Monroe County likewise saw a reduction from moderate drought to abnormally dry conditions where beneficial heavy rainfall fell. There were no changes, though, along coastal Palm Beach and Broward counties where a **Severe (level 2 of 4)** to **Extreme Drought (level 3 of 4)** persists. Fort Lauderdale International has only seen about 59% of its normal rainfall this year, making 2025 the **2nd dried year on record**. Palm Beach International has only seen about 62% of its normal rainfall this year, making it the **6th driest year on record**. However, these areas have seen 2-4" of rainfall in just the past 4 days which could be reflected in next week's drought outlook. The Nature Coast saw plentiful rainfall in the past week with a general 2-4" of rain with upwards of 7" resulting in a removal of the abnormally dry conditions. Likewise, beneficial rainfall across Polk, Hardee, and DeSoto Counties has resulted in a removal of moderate drought. Over North Florida and the Panhandle, increased rainfall chances will continue to keep drought conditions mitigated through the weekend.

The [Keetch-Byram Drought Index](#) average for Florida is **253** on a scale from 0 (very wet) to 800 (very dry). There is **1** Florida county (Holmes County) with an average KBDI over 500 (drought/increased fire danger).

Tropical moisture will remain entrenched across the state through the next 5 days as a cold front stalls. Relative humidity values will remain well above critical thresholds statewide (65-80% RH values) alongside daily rainfall chances which should keep grounds and soils saturated. The overall wildfire risk



is very low, though any thunderstorm that develops will be capable of producing frequent lightning and erratic winds, which could ignite or further spread fires especially over ongoing dry areas across Southeast Florida. According to the [Florida Forest Service](#), there are currently 13 active wildfires across the state burning approximately 265 acres.

Rip Currents & Marine Hazards:

Westerly to northwesterly winds will persist across the state through Sunday promoting a **moderate risk for rip currents** along Panhandle beaches and some Northeast Florida beaches. By Monday, winds will shift from the east to northeast bringing a return of a **locally high risk for rip currents** across some East Coast beaches, while Panhandle beaches continue with a **moderate risk for rip currents**. Southeast Florida beaches will also see a return of a **moderate risk for rip currents** once the winds shift more onshore on Monday. All other beaches can expect a low risk for rip currents through the forecast period. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine conditions will remain generally calm across the state with wave heights of 1-2' through Sunday. However, as winds shift from the east and northeast late on Sunday, wave heights will increase to **2-4'** across East Coast beaches, with some **offshore waves reaching 5'**.

The latest [Blue-Green Algae](#) report shows algal bloom conditions were observed at 13 sites out of the 54 site visits conducted from 8/15 to 8/21. Satellite imagery for Lake Okeechobee shows low to **high bloom potential** on approximately 55% of the lake with the highest potential in the western shore of the lake. **Moderate bloom potential** was observed throughout 3/4 of Lake George. **Moderate bloom potential** is visible on the mainstem of the St. Johns River from Lake George downstream to Palatka and on Doctors Lake. No significant bloom potential has been observed on visible portions of the St. Lucie Estuary or Caloosahatchee Estuary.



Florida NCAA Division I Football Forecast

All times are in ET



B-CU vs. FIU	Friday 7:30 PM EDT	Miami Gardens, FL
Scattered to widespread showers and thunderstorms.		
Kickoff Temperature: 85°	Halftime Temperature: 81°	Final Whistle Temperature: 80°
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#⁸Alabama vs. FSU	Saturday 3:30 PM EDT	Tallahassee, FL
Scattered to numerous showers and thunderstorms.		
Kickoff Temperature: 83°	Halftime Temperature: 81°	Final Whistle Temperature: 77°
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Howard vs. FAMU	Saturday 4:00 PM EDT	Miami Gardens, FL
Scattered to numerous showers and thunderstorms.		
Kickoff Temperature: 89°	Halftime Temperature: 85°	Final Whistle Temperature: 80°
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LIU vs. #¹⁵UF	Saturday 7:00 PM EDT	Gainesville, FL
Scattered showers and thunderstorms becoming more isolated after kickoff.		
Kickoff Temperature: 80°	Halftime Temperature: 77°	Final Whistle Temperature: 74°
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#¹⁰Notre Dame vs. #⁶UMiami	Sunday 7:30 PM EDT	Miami Gardens, FL
Scattered showers and thunderstorms becoming more isolated after kickoff.		
Kickoff Temperature: 82°	Halftime Temperature: 81°	Final Whistle Temperature: 80°



[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:

[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!

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Florida Division of Emergency Management
www.FloridaDisaster.org/Weather



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