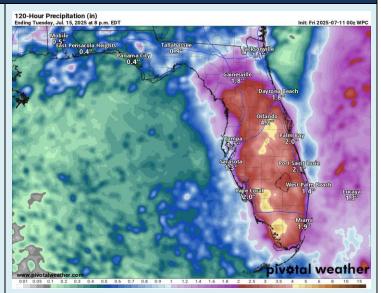


Forecast Afternoon Feels-Like Temperature: Saturday, Sunday & Monday





7-Day Tropical Weather Outlook

5-Day Forecast Rainfall Totals through Monday Evening

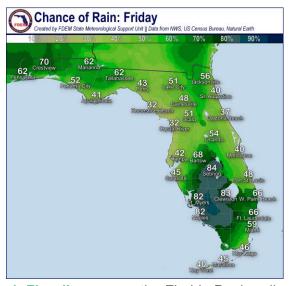




...Daily Sea Breeze Showers and Thunderstorms Expected...Increase in Showers and Thunderstorms Late Weekend and Early Next Week With Upper-Level Disturbance Moving Overhead...Possible Flash Flooding and Ponding of Water Increases Early Next Week Throughout the Peninsula With Repeated Rounds of Heavy Rainfall Over the Same Areas...Hot and Humid Conditions Expected Daily With Triple Digit Heat Index Values...Could See First Heat Advisories of the Season for Heat Index Values Well Into Triple Digits...Western Florida Peninsula Continues to See Improvements with Ongoing Drought Conditions Following Wet and Active Weather Pattern...

Friday – Saturday:

High pressure over the western Atlantic waters will continue to support daily shower and thunderstorm activity along the sea breeze. Scattered to numerous showers and thunderstorms will develop along the sea breeze as they move inland and collide each day during the afternoon and evening (45-70% chance of rain). Slightly drier air tries to move into North Florida this weekend, which could allow for activity to become more scattered than widespread. Abundant moisture and weak steering winds will help for numerous showers and thunderstorms to develop, especially across the western half of the Peninsula as the Atlantic sea breeze becomes the dominant feature. Regardless, embedded strong to severe thunderstorms will be possible each day, and will be capable of producing frequent lightning, gusty winds and heavy downpours. The Weather Prediction Center



(WPC) is outlooking a **Marginal Risk** (**level 1 of 4**) **for Flash Flooding** across the Florida Panhandle on Friday as upper-level support and abundant moisture will fuel showers and thunderstorms with the ability to produce heavy downpours. Repeated rounds of heavy rainfall or any slow-moving thunderstorms could lead to **instances of flash flooding and ponding of water**, especially for urban and low-lying/poor drainage areas. Throughout the evening and overnight hours, showers and



thunderstorms will continue to shift offshore with the sea breeze and dissipate. Coastal showers and embedded thunderstorms may linger along the coastal waters overnight before they begin drifting inland (15-30% chance of rain).

Hot and humid conditions will continue each day with temperatures reaching into the upper 80s to middle 90s in the afternoon. Heat index values will continue to peak in the triple digits (100-107-degrees) before cloud cover and thunderstorm activity develops. Several areas across the state will just eclipse Heat Advisory criteria, and a brief one cannot be ruled out if conditions warrant especially on Saturday where heat index values could reach upwards of 110-degrees for portions of the Suwannee Valley and West-Central Florida. Low temperatures will remain into the middle to upper 70s to lower 80s overnight.

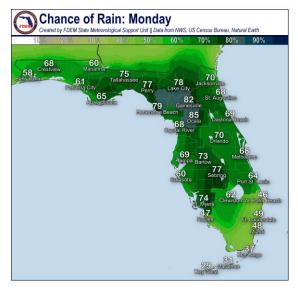
Sunday - Tuesday:

An upper-level disturbance will move southwestward from the Mid-Atlantic states towards the northeast gulf early next week. This will bring an abundant of moisture southward across the Sunshine





State leading to an unsettled and wet weather pattern. Tropical moisture will give way to widespread rounds of showers and thunderstorms, especially during the afternoon and evening hours with the help of the daily sea breeze begin enhanced by upper-level support (70-90% chance of rain). There is uncertainty between computer models, the American (GFS) and European (ECWMF) regarding the evolution and strength of the upper-level disturbance. As we move closer towards the time, computer model guidance will be able to handle details better and provide a better idea. Regardless, increased daytime shower and thunderstorm activity can be expected statewide, but especially along West Florida. The Weather Prediction Center (WPC) is already beginning to outlook a Marginal Risk (level 1 of 4) for Flash Flooding throughout the Peninsula beginning Sunday and continuing into early next week where



repeated rounds of heavy rainfall over the same areas could lead to **instances of flash flooding and ponding of water**. A **Slight Risk (level 2 of 4) for Flash Flooding** being introduced next week cannot be ruled out across portions of the Peninsula, where repeated rounds of heavy rainfall over the same areas could increase possible flood concerns. Activity will continue throughout the daytime hours and



may linger into the evening hours before a break overnight. Some showers and embedded thunderstorms could continue over the adjacent coastal waters before drifting inland (15-30% chance of rain).

Increased rain chances and cloud cover will likely keep temperatures closer towards seasonable averages for this time of year. High temperatures in the upper 80s to lower 90s can be expected in the afternoon. Heat index values will likely continue to reach the triple digits (100-105-degrees), especially with the abundance of moisture. Heat Advisories might be needed for locations on Sunday for areas across Northeast and West-Central Florida where heat index values could reach upwards of 110-degrees and portions of the I-10 corridor on Monday for heat index values upwards of 108-109-degrees. Low temperatures in the middle to upper 70s to lower 80s.

Tropical Weather:

Tropical cyclone activity is <u>not expected</u> during the next 7 days in the Atlantic Basin. Please visit the National Hurricane Center (NHC) website for the latest on the tropics.

Hydrology & Flooding:

The Weather Prediction Center (WPC) is outlooking a Marginal Risk (level 1 of 4) for Flash Flooding across the Florida Panhandle on Friday as upper-level support and abundant moisture will fuel showers and thunderstorms with the ability to produce heavy downpours. Repeated rounds of heavy rainfall or any slow-moving thunderstorms could lead to instances of flash flooding and ponding of water, especially for urban and low-lying/poor drainage areas. A surge of moisture will move into the state late in the weekend and into early next week increasing daily shower and thunderstorm activity throughout the state, but especially throughout the Florida Peninsula. The Weather Prediction Center (WPC) is already beginning to outlook a Marginal Risk (level 1 of 4) for





Flash Flooding throughout the Peninsula beginning Sunday and continuing into early next week where repeated rounds of heavy rainfall over the same areas could lead to instances of flash flooding and ponding of water. A Slight Risk (level 2 of 4) for Flash Flooding being introduced next week cannot be ruled out across portions of the Peninsula, where repeated rounds of heavy rainfall over the same areas could increase possible flood concerns. Widespread rainfall totals of 2-4" can be expected through early next week across the state, with locally higher totals upwards of 5-8" possible for portions of the Peninsula that see several rounds of heavy rainfall. For the latest on the rainfall outlook, please visit the Weather Prediction Center (WPC) website.



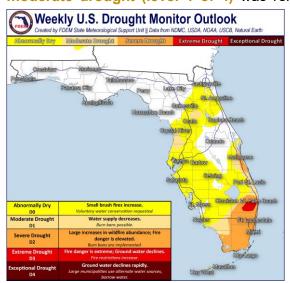


The Myakka River at Myakka River State Park will continue to hover within Action Stage (bankfull) through today before falling below the stage level. All other Florida creeks, rivers and waterways remain below flood stage and are in good standing. Instances of locally heavy rainfall daily could lead to quick rises within some quick-response rivers and waterways. For more information, visit the River Forecast Center.

Lake Okeechobee's average elevation is 11.49 feet, which is within the operational band and 2.05 feet <u>below</u> normal for this time of year.

Drought & Fire Weather:

The wet and active weather pattern across the western and central Florida Peninsula provided widepsread 2-4" and led to great improvements on the latest <u>Drought Monitor</u> update (7/10). Several areas across the Florida West Coast and into Central Florida saw a 1-cateogry improvement and moderate drought (level 1 of 4) was removed from several areas. Portions of the Nature Coast



continue to miss out on the heavier rainfall and streamflow remains below average, which has led to the persistence of moderate drought conditions. Western portions of the Everglades have begun to fill back up and now have standing water, but the eastern half remains very dry. The immediate Space Coast and Southeast Florida coast also continue to miss out on the heaviest rainfall, despite the active daily weather pattern. 30-day rainfall deficits continue to trend below normal, approximately 2-4" below normal on average, with locally greater deficits of 5-8" for the southernmost Peninsula. Varying areas of drought conditions continue for these areas, but severe drought (level 2 of 4) was expanding eastward across the Southeast Florida metro following lack of rainfall and increased wildfires. Interior Palm Beach County also





continues to see an area of extreme drought (level 3 of 4).

The Keetch-Byram Drought Index average for Florida is 179 on a scale from 0 (very wet) to 800 (very dry). There are <u>no</u> Florida counties with an average KBDI over 500 (drought/increased fire danger).

Abundant moisture across the Sunshine State will continue to keep the overall wildfire threat low. Daily scattered to numerous showers and thunderstorms can be expected in the afternoons and evenings and relative humidity values will continue to hold well above critical thresholds. Lightning strikes and erratic winds from thunderstorms may ignite new fires or help spread existing ones, especially over areas with ongoing drought conditions and recent lack of rainfall. According to the Florida Forest Service, there are currently 18 active wildfires across the state burning approximately 9854 acres.

Rip Currents & Marine Hazards:

Little change in the overall weather pattern will continue to lead to an elevated risk for rip currents along several Florida Panhandle beaches due to onshore winds. A locally high risk cannot be ruled out along eastern Panhandle beaches (Gulf County) early next week. Similarly, several East Coast beaches will likely see a moderate risk for rip currents through the weekend before returning to a low risk. West Coast beaches can expect a low risk. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Calm marine conditions will continue throughout the forecast period with wave heights across the state remaining near 1-2" with beaches along portions of the Atlantic Coast seeing wave heights upwards of 3' on Saturday. Daily thunderstorm activity could create locally choppy and rough surf conditions along beaches.

Red Tide have **not** been observed as of 7/2.

With the state holidays last week, the latest will be included in Tuesday's outlook. The latest Blue-Green Algae report shows algal bloom conditions were reported at 16 site visits from 6/20 to 6/26. Satellite imagery for Lake Okeechobee from 6/25 shows low to moderate bloom potential on approximately 35% of the lake. The most usable satellite imagery for the St. Johns River shows moderate bloom potential throughout visible portions of Lake George and low to moderate bloom potential on the mainstem of the river to Shands Bridge. No bloom potential on visible portions of Caloosahatchee and the St. Lucie Estuaries have been observed.

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:

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 great weekend!

Caitlyn Gillespie, Deputy State Meteorologist Kennedy Tartt, Assistant State Meteorologist Florida Division of Emergency Management www.FloridaDisaster.org/Weather



