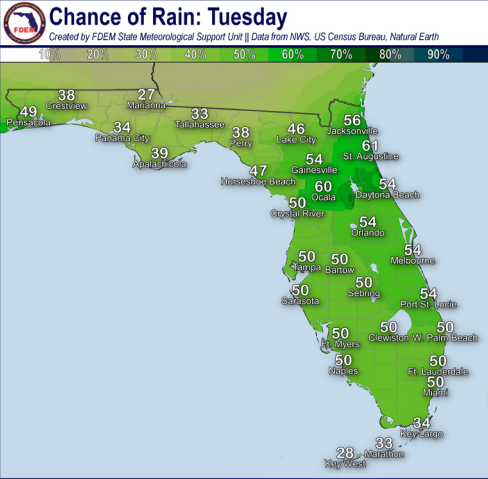
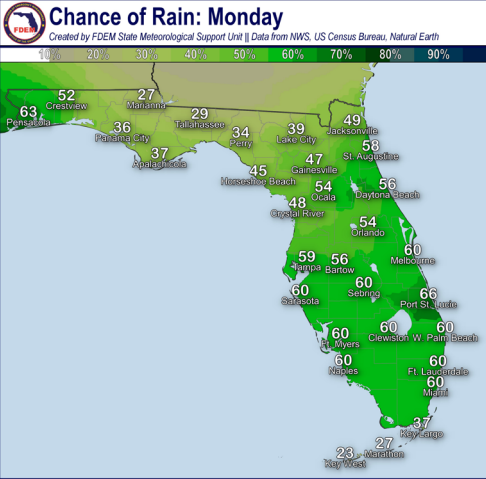
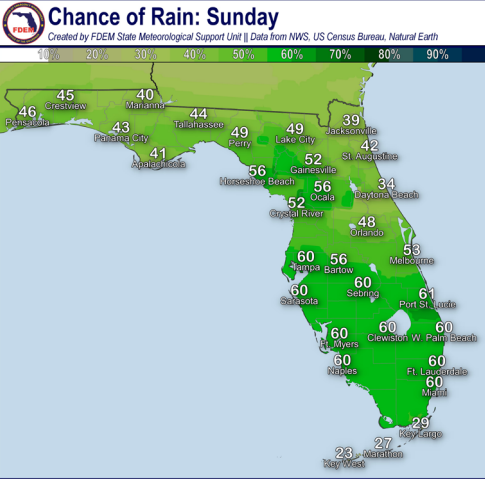
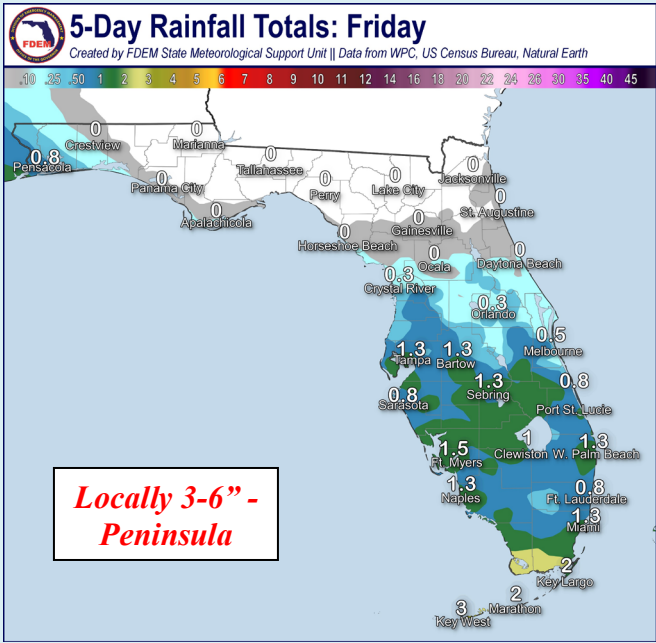
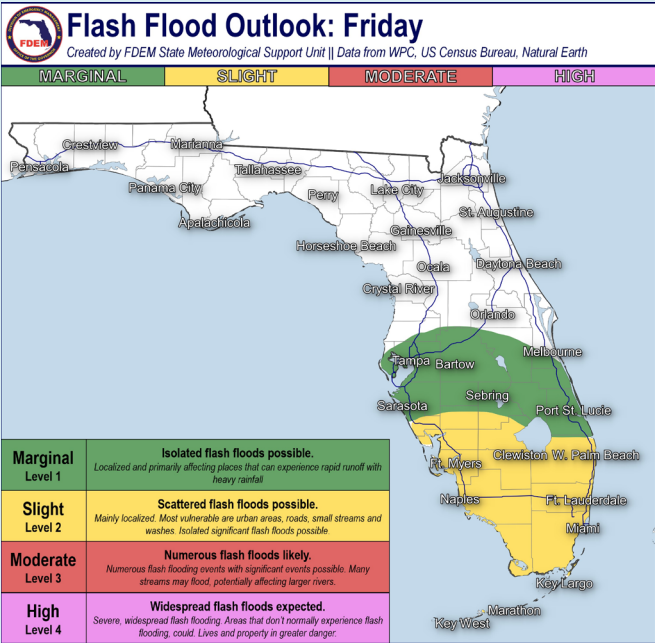


Friday, June 14, 2024					5-Day Statewide Weather Outlook			
No Threat			Low Threat		Moderate Threat		High Threat	
Day	Lightning	Tornado	Damaging Wind	Hail	Flash Flooding	Excessive Heat	Wildfire	Rip Currents
Fri	Locally Central FL N-Peninsula		Locally Iso. Peninsula		Locally S FL & Keys I-4 & South	North & Central FL	Locally FL Panhandle & Suwannee Valley	Big Bend NE Coast Statewide
Sat	South FL Peninsula Panhandle		Locally Iso. Peninsula		Locally S & W-Central Florida	Locally N & Central FL	Locally FL Panhandle & I-10 Corridor	FL Panhandle & NE Coast Statewide
Sun	Locally Peninsula Statewide		Locally Iso. Statewide		Locally Iso. S & Central FL	FL Panhandle W-Peninsula & Keys	FL Panhandle & Suwannee Valley	FL Panhandle W & NE Coast Elsewhere
Mon	Locally Statewide Big Bend		Locally Iso. Statewide		Locally Iso. Statewide	N FL, W- Peninsula & Keys	FL Panhandle, NW & W-C Peninsula	FL Panhandle Locally Statewide
Tue	Locally Statewide Big Bend		Locally Iso. Statewide		Locally Iso. Statewide	W-Peninsula & Keys	FL Panhandle, NW & W-C Peninsula	FL Panhandle East Coast West Coast



Chance of Rain: Sunday, Monday, Tuesday



WPC Excessive Rainfall Outlook: Friday

Forecast Rainfall Totals: Through Tuesday Night



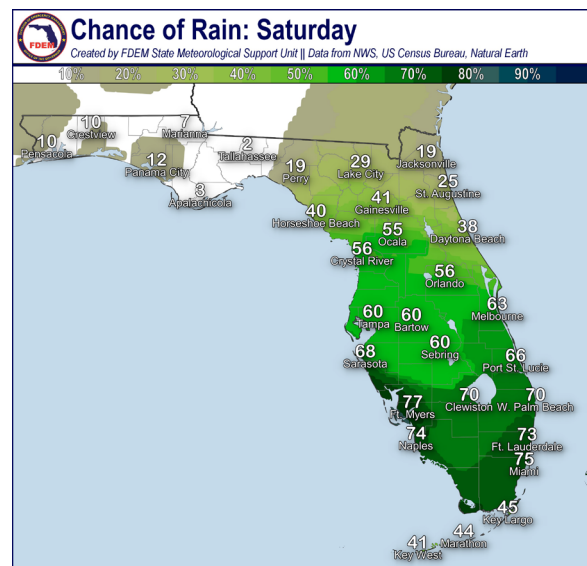
...Wet Weather Pattern to Continue Along the Peninsula Today and Saturday...Marginal to Slight Risk for Flash Flooding South of I-4 Today With a Marginal Risk Saturday...More Typical Summertime Pattern To Return Late This Weekend And Early Next Week As High Pressure Builds...Scattered Showers and Thunderstorms Expected to Develop Statewide With The Sea Breezes...Instances of Flooding May Still Be Possible...A Few Strong to Severe Thunderstorms Cannot Be Ruled Out During Peak Heating Hours Over the Next 5 Day...Heat Indices Continue to Reach the Middle 90s to Triple Digits (100-108) Over the Next 5 Days...Sensitive to Locally Elevated Wildfire Conditions Along the Florida Panhandle and Suwannee Valley Today and Saturday; Sensitive Conditions Continue Into Early Next Week...Breezy Winds and Ocean Swells Expected Monday and Tuesday As An Area of Low Pressure Moves Through the Southwestern Gulf of Mexico...Moderate to High Risk for Rip Currents Along Panhandle; Low to Moderate Risk Elsewhere...

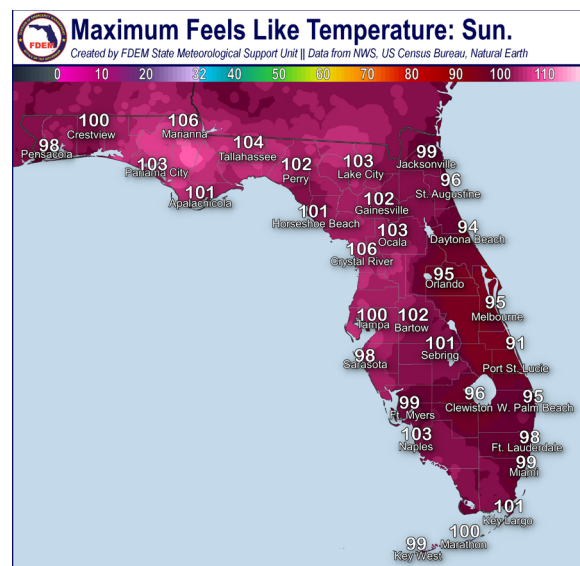
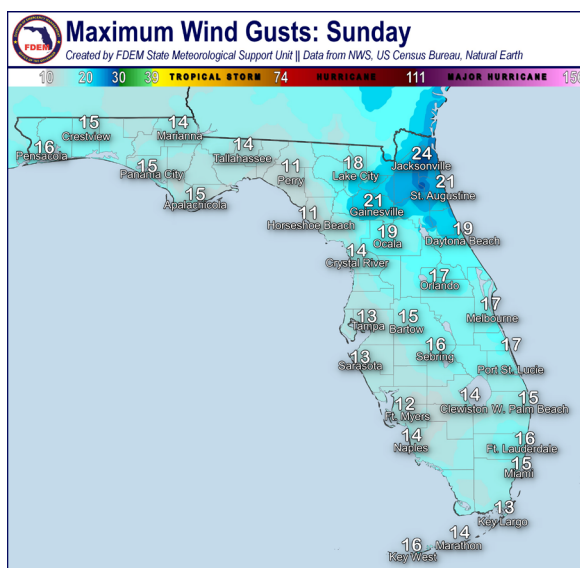
Friday-Sunday:

Invest 90L will continue to lift north-northeastward away from Florida while the stalled frontal boundary near I-4 slides into northern portions of Central Florida today and remain in place before fading late this weekend. Drier air and high pressure will build in behind the frontal boundary across North Florida today and Saturday, creating relatively dry throughout the day with only an isolated shower and thunderstorm or two possible during the peak heating hours of the day (near 0-10% chance of rain). Some greater moisture may pool over the Northern Peninsula due to the East Coast sea breeze, allowing for a few showers and thunderstorms to develop (15-30% chance of rain). Continued easterly flow will allow more adequate moisture to return across North Florida Sunday, giving way to more scattered showers and thunderstorms across the region (40-60% chance of rain). **Isolated strong to severe thunderstorms** cannot be ruled out during peak heating hours, and may produce frequent lightning, gusty winds (40-50 mph) and heavy downpours.

The wet weather pattern continues across Central and South Florida today and into the weekend as tropical moisture continues to trail across the Peninsula behind Invest 90L, bringing scattered to numerous showers and thunderstorms throughout the day (45-75% chance of rain). Multiple rounds of rainfall can be expected, with the greatest coverage this afternoon and evening due to daytime heating processes. While rainfall is not expected to be as widespread today, periods of heavy and intense downpours will continue to be possible throughout the day. The Weather Prediction Center (WPC) is outlooking a **Slight Risk (level 2 of 4) for Flash Flooding** across South Florida and the Keys with a **Marginal Risk (level 1 of 4)** extending through the I-4 corridor. **Flood Watches** remains in effect through this evening across South Florida and the Keys as potential for **localized flooding** across urban and low-lying/poor drainage areas continues. **Additional heavy to excessive rainfall** over saturated grounds and soils from the last few days could lead to **instances of minor to moderate flooding** at times and **exacerbate existing flood conditions**. The Gulf and Atlantic sea breezes will develop and push inland this afternoon and evening, which will help to enhanced shower and thunderstorm coverage during the peak heating hours of the day.

The frontal boundary will remain stalled across Central Florida Saturday as Invest 90L continues to shift north-northeastward, allowing the moisture tail to linger over the Peninsula. Scattered to numerous showers and thunderstorms will persist across South and Central Florida,





primarily with the development of the sea breezes in the afternoon and evening (55-75% chance of rain). WPC is outlooking a **Marginal Risk for Flash Flooding** along and south of the I-4 corridor through the Keys Saturday as any additional rainfall over already saturated grounds or in areas with pre-existing flood conditions could exacerbate existing **flood conditions** or result in additional instances of **localized flooding** and **ponding of water**. High pressure will begin to build back in Sunday as the frontal boundary gradually dissipates, allowing a more typical summertime weather pattern to return to the Peninsula. Lingering tropical moisture will promote scattered showers and thunderstorms along the Gulf and Atlantic sea breezes as they move inland in the afternoon and evening (30-60% chance of rain). Despite no organized risk, instances of **flooding** and **ponding of water** cannot be ruled out within **locally heavy downpours** over already saturated grounds and along urban corridors and low-lying/poor drainage areas. A few **strong to severe thunderstorms** producing frequent lightning, gusty winds (40-60 mph), and heavy downpours will be possible through the weekend, primarily through the peak heating hours and with sea breezes collisions.

Outside of shower and thunderstorm activity, **winds gusts near 15-25 mph** can be expected along the Northern Peninsula and with the sea breezes today and through the weekend. High temperatures will gradually warm each day, rising into the middle 90s to **upper 90s** across North Florida while the rest of the state remains in the middle 80s to middle 90s. The Florida Panhandle and Suwannee Valley cannot rule out high temperatures in the **triple digits** this weekend.

Lingering moisture will allow **heat indices** to reach the **triple digits** across North and Central Florida and the Keys today and Saturday (**100-105**) and across North Florida, the Western Peninsula, and Keys Sunday (**100-108**) with **middle to upper 90s** elsewhere. **Heat Advisories** and **Excessive Heat Warnings** may be necessary at times.

A lull in activity can be expected each night; however, showers and embedded thunderstorms will linger across the Peninsula and coastal areas. Low temperatures will fall back into the 70s to low 80s over the next 3 days. Areas of **patchy fog** may be possible over recently saturated grounds in the Peninsula overnight into the early morning hours each day.

Monday – Tuesday:

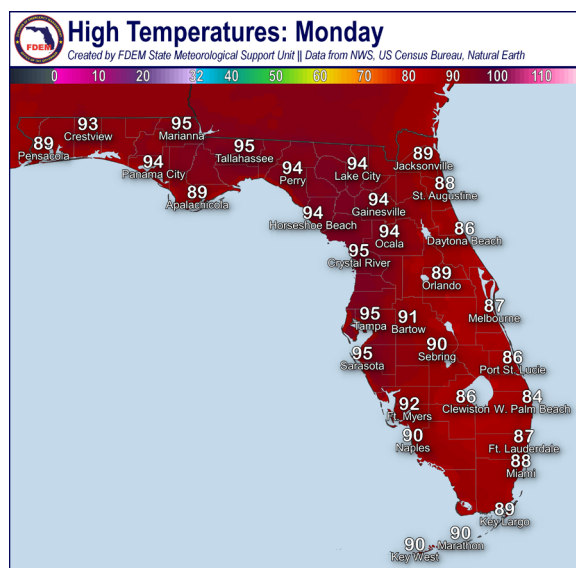
Surface high pressure will build along the Eastern U.S. late Sunday into Monday, allowing the state to return to a more typical summertime pattern. Scattered showers and thunderstorms will be possible statewide along the sea breeze boundaries through the afternoon and evening hours (45-65% chance of rain). Easterly winds will allow the Atlantic Sea Breeze to progress relatively far inland compared to the Gulf sea breeze. Shower and thunderstorm development will remain limited across the Eastern Panhandle and Big Bend, into the Suwannee River Valley, as drier air lingers and moisture struggles to return (25-40% chance of rain). Increased moisture will likely be pulled into the



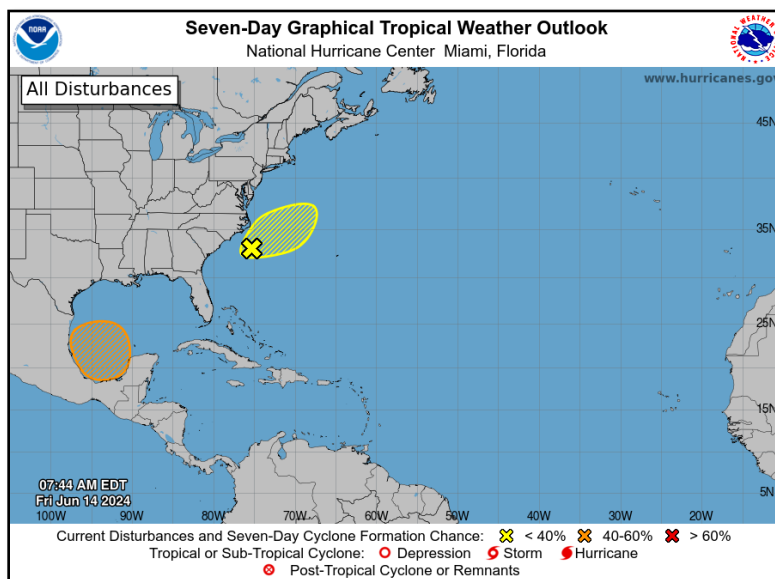
Western Panhandle as the area of low pressure in the Southwestern Gulf of Mexico nears the Western Gulf Coast Monday, allowing for more scattered to widespread shower and thunderstorm activity (50-65% chance of rain). With adequate daytime heating and colliding sea breezes over the interior Peninsula, a **few strong to severe thunderstorms** will be possible during the afternoons and evenings. Despite no organized risk, instances of **flooding** and **ponding of water** cannot be ruled out within **locally heavy downpours** over already saturated grounds and along urban corridors and low-lying/poor drainage areas.

High temperatures will rise into the upper 80s to middle 90s across the state early next week. Ample moisture will create humid conditions across the state with heat indices in the **upper 90s to low triple digits (100-105)** across the Florida Panhandle, Western and Southern Peninsula, and Keys and low to middle 90s elsewhere. Winds will be breezy, with speeds generally near 10-15 mph with **higher gusts** likely.

The lack of daytime heating will allow for showers and thunderstorms to gradually dissipate throughout the evening and early overnight hours across the state as they follow the sea breezes back towards the coast (20-55% chance of rain). Low temperatures will return to the 70s along the Florida Panhandle and Peninsula with low to middle 80s along the Keys. Warm and muggy overnight conditions will provide little relief from the daytime heat and humidity.



Tropical Weather:



Invest 90L: Satellite data and surface observations indicate that the low-pressure area offshore of the southeastern U.S. coast is moving northeastward into the open Atlantic. This system is expected to merge with a front over the weekend, and the chances of tropical cyclone development are decreasing. **Regardless of development, heavy rainfall is forecast to continue across portions of the Florida Peninsula through Saturday.**



*Formation chance through 48 hours...**low...10%**.

*Formation chance through 7 days...**low...10%**.

Southwestern Gulf of Mexico: A broad area of low pressure is forecast to form over the southwestern Gulf of Mexico late this weekend or early next week. Environmental conditions appear conducive for gradual development of this system, and a tropical depression could form during the early or middle part of next week while it moves slowly westward or west-northwestward. *This system poses no direct threat to Florida at this time.*

*Formation chance through 48 hours...**low...near 0%**.

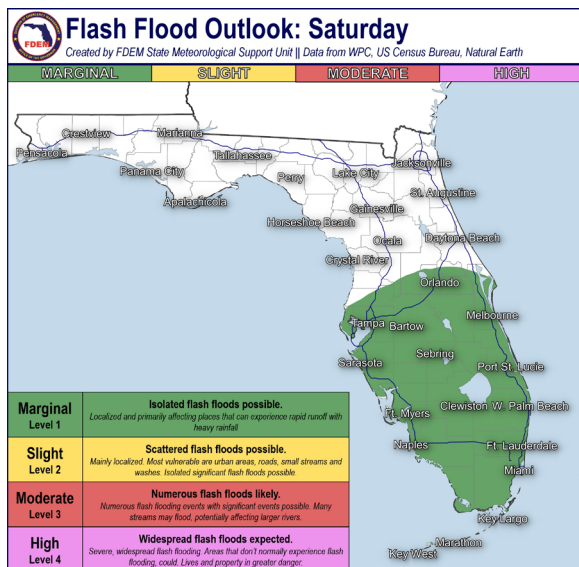
*Formation chance through 7 days...**medium...50%**.

For the latest on the tropics, please visit the National Hurricane Center [website](#).

Hydrology & Flooding:

Tropical moisture will continue to trail across the Peninsula today and into the weekend bringing widespread rainfall with heavy downpours at times. The Weather Prediction Center (WPC) is outlooking a **Slight Risk (level 2 of 4) for Flash Flooding** across South Florida and the Keys with a **Marginal Risk (level 1 of 4)** extending through the I-4 corridor. Multiple rounds of rainfall, with heavy rainfall rates at times, can be expected throughout the day with the greatest coverage during the afternoon and evening hours with the help of sea breeze activity. Favorable conditions, especially during the peak heating hours of the day, will give way to heavy and intense rainfall rates at times which could lead to **localized flooding** at times. **Flood Watches** remains in effect through this evening across South Florida and the Keys as potential **for localized flooding** across urban and low-lying/poor drainage areas continues. **Additional heavy to excessive rainfall** over saturated grounds and soils from the last few days could lead to **instances of minor to moderate flooding** at times and **exacerbate existing flood conditions**. This moisture tail from Invest 90L will linger across the Peninsula into the weekend, allowing for scattered to numerous showers and thunderstorms to persist along the sea breeze boundaries. WPC is outlooking a **Marginal Risk for Flash Flooding** along and

south of the I-4 corridor through the Keys Saturday as any additional rainfall over already saturated grounds or in areas with pre-existing flood conditions could exacerbate existing **flood conditions** or result in additional instances of **localized flooding** and **ponding of water**. A more typical summertime weather pattern will take hold Sunday and into early next week as high pressure builds along the Eastern U.S. Scattered showers and thunderstorms are expected along the sea breeze boundaries in the afternoons and evenings. Locally heavy downpours will be possible at times. Despite no organized risk for flash flooding Sunday through Tuesday, instances of **flooding** and **ponding of water** cannot be ruled out within **locally heavy downpours** over already saturated grounds and along urban corridors and low-lying/poor drainage areas. For the latest Excessive Rainfall Outlook, please visit the [Weather Prediction Center](#).



There are currently no active River Flood Warnings. Elevated water levels along the Suwannee River will keep water levels within Action Stage (bank-full) as water flows downstream through the Withlacoochee and Suwannee Basins. Multiple rounds of rainfall, with heavy rainfall expected at times, will lead to steady rises within West-Central Florida rivers and waterways after weeks of below-normal levels. Riverine flooding is not expected, but rises within water levels can be expected as rainfall deposits into basins. Conditions will continue to be monitored for any potential riverine concerns over the next few days following widespread rainfall. For more details, please visit the [River Forecast Center](#).

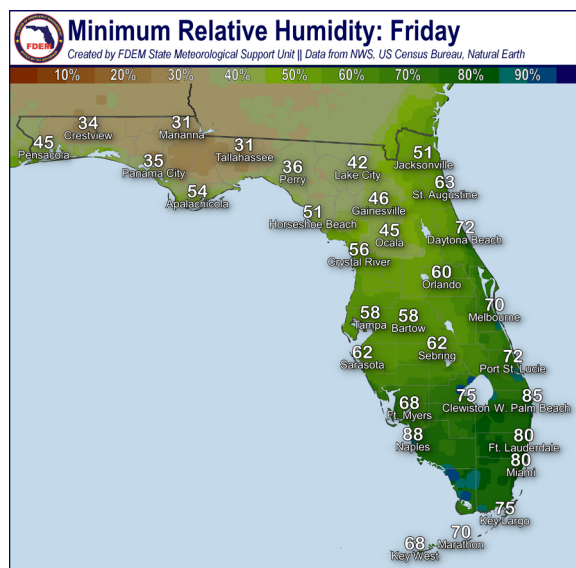
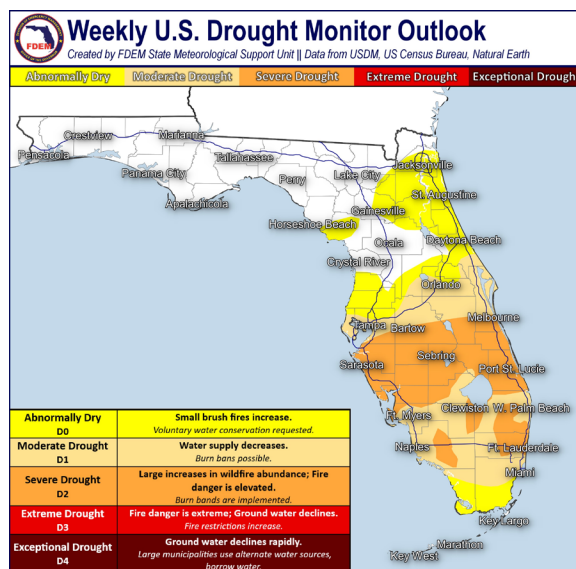
Lake Okeechobee's average elevation is 13.17', which is within the operational band and 0.01' below normal. Lake elevations have risen approximately 0.46' over the past week but remain 0.56' lower than 30 days ago. Widespread heavy rainfall observed across South Florida over the past few days and additional rainfall expected will likely allow water levels to continue rising.

Drought & Fire Weather:

Some improvements have been made to drought conditions along South Florida on this week's [Drought Monitor](#) update following beneficial rainfall Monday and early Tuesday morning. Rainfall totals for portions of the southern Peninsula have received 3-5" locally, leading to improvements. Further north, **moderate to severe drought** conditions persist for Central Florida where lighter rainfall totals have occurred. Light rainfall and short-term moisture deficits have led to worsening conditions over much of the central and northern Peninsula. It is important to note that rainfall after 8:00 AM Tuesday was not taken into consideration for this drought outlook. These rainfall totals will be taken into consideration for the next drought update next week.

[The Keetch-Byram Drought Index](#) average for Florida is **346 (-10)** on a scale from 0 (very wet) to 800 (very dry). There are **23** Florida Counties (Alachua, Baker, Bradford, Clay, Columbia, Dixie, Duval, Flagler, Gilchrist, Hernando, Lafayette, Lake, Levy, Marion, Nassau, Pasco, Putnam, St. Johns, Sumter, Suwannee, Taylor, Union, and Volusia) with an average KBDI over 500 (drought/increased fire danger). Bradford, Clay, Duval, Gilchrist, Levy, Putnam, St. Johns, and Union Counties have an average KBDI over 600.

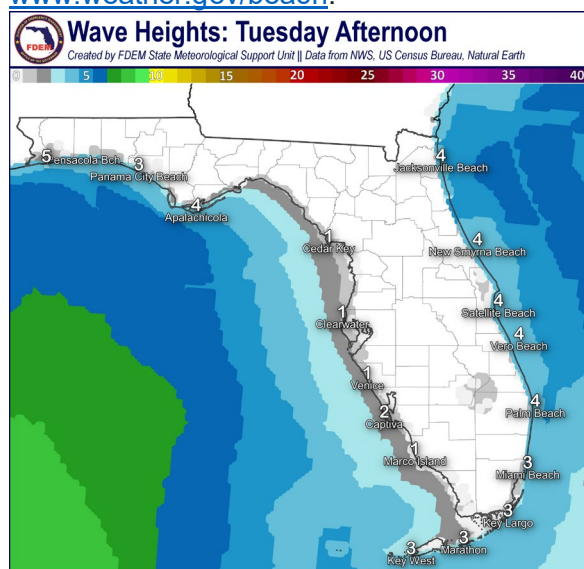
Drier air has filtered southward into the Florida Panhandle and Suwannee Valley behind the recent frontal boundary. This drier air will bring **relative humidity values down near or below critical thresholds** today and Saturday (**30-50%**). Moisture will begin to return late this weekend into early next week; however, relative humidity values will continue to fall to **35-50%**. Combined with recently dry conditions, **sensitive to locally elevated wildfire conditions** will be possible across North Florida over the next 5 days. Abundant tropical moisture will continue to surge into the rest of the Peninsula today and Saturday behind Invest 90L as it continues to move northeastward. The stalled frontal boundary along



the I-10 corridor will drift slightly further southward this afternoon, giving way to scattered to numerous showers and embedded thunderstorms through Central and South Florida. *Lightning and erratic winds may be possible within stronger shower and thunderstorms activity and may spread existing fires or ignite new fires.* Drier air will begin to return to West-Central late this weekend into early next week as the frontal boundary dissipates and high pressure builds over the Eastern U.S. Relative humidity values will fall near 40-55%, which may allow for **sensitive wildfire conditions** at times in areas that continue to see ongoing drought conditions and received little to no rainfall this week. Outside of shower and thunderstorm activity, **winds gusts near 15-25 mph** can be expected along the Northern Peninsula and with the sea breezes today and through the weekend. **Breezy winds** will likely continue to develop statewide early next week as the state becomes sandwiched between high pressure along the Eastern U.S. and an area of low pressure over the Southwestern Gulf of Mexico. According to the [Florida Forest Service fire dashboard](#), there are 67 active wildfires across the state burning approximately 5,039 acres (as of 2:30 PM EDT).

Rip Currents & Marine Hazards:

A **moderate to high risk for rip currents** continues for several Florida Panhandle and Northeast Coast beaches today thanks to breezy winds. A low risk can be expected elsewhere. A **moderate risk for rip currents** will generally persist along the Florida Panhandle and Northeast Coast through the weekend with a low risk elsewhere across the state. As breezy winds and ocean swells develop early next week, a **high risk for rip currents** can be expected along the Florida Panhandle with a low to **moderate risk** elsewhere. For the latest Rip Current Outlook, visit www.weather.gov/beach.



1-3' wave heights can continue to be expected today and through the weekend with **locally 4' waves** along the Northeast Coast today and Panhandle Sunday. **Breezy winds** will likely strengthen statewide early next week as the state becomes sandwiched between high pressure along the Eastern U.S. and an area of low pressure over the Southwestern Gulf of Mexico. These breezy winds will allow ocean swells to in the Gulf of Mexico and along the Florida Atlantic Coast, creating **elevated surf** and **hazardous beach and boating conditions** along Florida coastlines. **Wave heights** will build to 2-4' statewide by Monday afternoon with **locally higher 5' waves** possible along the Panhandle and East Coast. The Florida Panhandle and East Coast will see **breaking waves** reach 3-6' by Tuesday afternoon while the rest of the state remains near **2-4'**.

There is no organized risk for coastal flooding today. Heavy rainfall along the coastlines may runoff towards the coastal waters and beaches, leading to **localized beach and coastal erosion** at times. Additional instances of localized beach and coastal erosion cannot be ruled out near and during times of high tide along Peninsula coastlines as heavy rainfall tries to runoff.

Red Tide has not been observed at or above background levels over the past week (as of 6/7). There have been no reports of fish kills or respiratory irritation suspected to be related to red tide.

Blue-Green Algae was observed via satellite on 6/6 at low to **high bloom potential** on approximately 75% of Lake Okeechobee, with the highest bloom potential in the southeast quadrant of the Lake near Pahokee Marina. Satellite imagery of the St. Johns River from 6/6 showed low to **moderate bloom potential** from Lake George downstream to Doctors Lake. Satellite imagery obtained on 6/6, although partially obscured by cloud cover, showed no significant bloom potential in visible portions of the Caloosahatchee River or Estuary. Satellite imagery also obtained of 6/6 and



partially observed by cloud cover showed no bloom potential along visible portions of the St. Lucie River or Estuary.



[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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For coastal and offshore forecasts throughout Florida and Georgia, please click [here](#).

Have a wonderful weekend!

Melissa James, Assistant State Meteorologist

Florida Division of Emergency Management

www.FloridaDisaster.org/Weather

