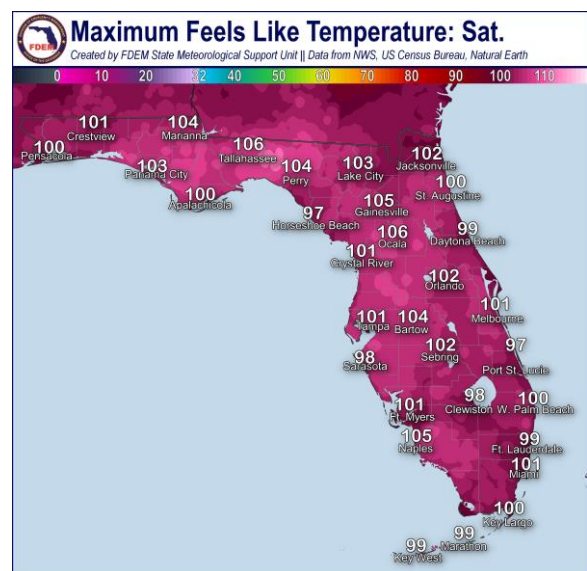
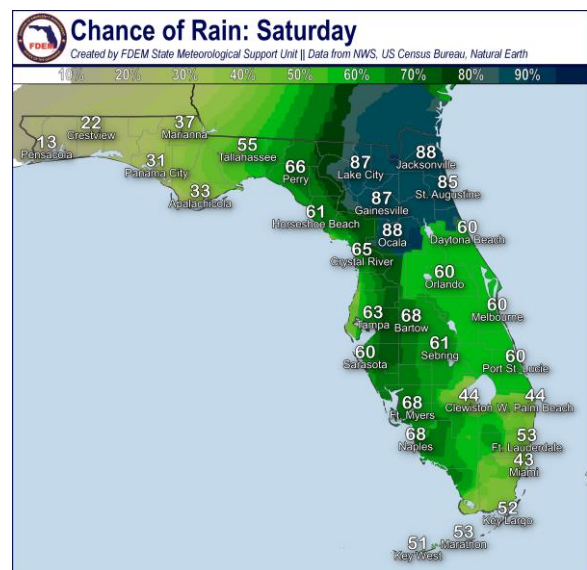


...Invest 92L To Reach the Northeast Florida/Southeast Georgia Coast Tonight; A Short-Lived Tropical Depression May Develop (60% Chance of Development)...Regardless of Development, Heavy Rainfall, Gusty Winds, and Coastal Impacts Possible...Scattered Showers and Embedded Thunderstorm Across the Northern Peninsula Today and Tonight...Marginal Risk For Flash Flooding Across the Northern Peninsula...Relatively Drier Conditions Elsewhere Today...High Surf Advisories In Effect Along the Northeast Coast Through This Afternoon...Localized Minor Coastal Flooding and Coastal Erosion Possible Along the East Coast...Wet Weather Pattern Anticipated This Weekend and Early Next Week...Scattered to Numerous Showers Expected Nearly Statewide...Marginal Risk For Flash Flooding Across The Northern Peninsula and Nature Coast Saturday...Instances of Localized Flooding and Ponding of Water May be Possible In The Peninsula Over the Next 5 Days...Heat Indices In The Upper 90s and Triple Digits (100-112) Statewide...Moderate to High Risk For Rip Currents Along Florida Panhandle and East Coast Over the Next 5 Days...

Friday-Sunday:

Invest 92L is located around 150 miles east-southeast of Jacksonville and will continue to move towards the Northeast Florida/Southeast Georgia Coast today, reaching the coast by tonight. Regardless of any further development, heavy rainfall, **gusty winds** (around 30 mph), and coastal impacts (including **rough surf**, **high risk for rip currents**, and **minor beach erosion** during high tide) will be possible today. Scattered showers and thunderstorms can be expected across the Northern Peninsula and Eastern Big Bend throughout the day (55-70% chance of rain). Lingering drier air across the rest of the state will allow for only isolated to scattered showers and thunderstorms with the sea breezes this afternoon and evening (near 0-35% chance of rain). While rainfall is much needed across the Northern Peninsula, training bands of heavy rainfall may give way to instances of **flooding** and **ponding of water** along urban and low-lying/poor drainage areas today. An isolated **strong thunderstorm** or two cannot be ruled out during peak heating hours.

A wet weather pattern will begin to take hold statewide this weekend as high pressure builds back in after Invest 92L dissipates and abundant moisture lingers over the state. Scattered to numerous showers and thunderstorms are expected across the Big Bend, Peninsula, and Keys with the sea breezes Saturday and Sunday afternoon and evening (50-90% chance of rain). The Panhandle will continue to see only isolated to widely scattered activity under the influence of high pressure (15-35% chance of rain). A few **strong to severe thunderstorms** producing gusty winds and heavy downpours cannot be ruled out through the peak heating hours of the day. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of**



4) for **Flash Flooding** along the Northern Peninsula and Nature Coast Saturday. Heavy downpours may give way to instances of **flooding** and **ponding of water** at times this weekend.

Outside of shower and thunderstorm activity, winds will continue to **gust near 15-25 mph** along the East Coast and Keys today. High temperatures will rise into the upper 80s and 90s. **Heat indices** are expected to reach the **upper 90s and triple digits (100-107)** statewide. **High Surf Advisories** remain in effect along the Northeast Coast beaches through this afternoon due to breezy winds creating **large breaking** and **dangerous beach and boating conditions**. **Localized coastal flooding** and **minor coastal erosion** will be possible along beachfront locations across the Northeast Coast during times of high tide today.

Scattered showers and embedded thunderstorms will continue across the Northern Peninsula tonight as Invest 92L reaches the coast (40-65% chance of rain). The rest of the state will see shower and thunderstorm activity linger into the evening and early overnight hours before dissipating (5-45% chance of rain). Through the weekend, isolated to scattered showers and embedded thunderstorms will linger into the overnight hours across the Peninsula, Eastern Big Bend, and Keys (25-60% chance of rain). Low temperatures will fall back into the 70s nearly statewide with low to middle 80s along the Southeast Coast and Keys.

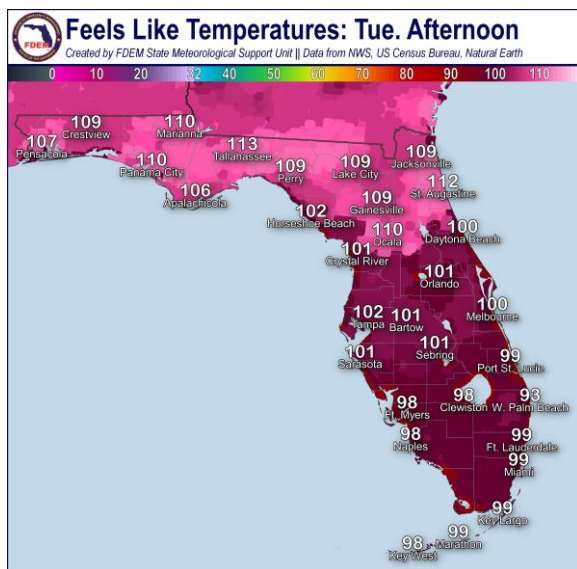
Monday – Tuesday:

A frontal boundary to the north will sag towards Florida early next week, stalling before it reaches the state, as abundant tropical moisture lingers. With high pressure continuing to drift eastward and sea breezes developing in the afternoons, colliding over the eastern half of the Peninsula later in the day, above normal rain chances can be expected across the Florida Panhandle and Peninsula Monday and Tuesday (50-75% chance of rain). A few **strong to severe thunderstorms** producing gusty winds and heavy downpours cannot be ruled out. Heavy downpours across already saturated grounds and over urban and low-lying/poor drainage areas may result in instances of **flooding** and **ponding of water**.

Warm to hot above-normal temperatures can continue to be expected early next week with

highs in the upper 80s and 90s; however, cooler temperatures may be possible in some areas depending on where the greatest rainfall and cloud cover develops. Muggy conditions will elevate heat indices into the **upper 90s and triple digits (100-105)** across the state. **Heat Advisories** and **Excessive Heat Warnings** may be necessary across North Florida as **heat indices** push near **107-112-degrees** in some areas. *Remember to take frequent breaks from outdoor activities, wear light clothing, and drink plenty of water.*

Shower and thunderstorm activity will linger into the early overnight hours Monday and Tuesday as they follow the sea breezes back towards the coast and gradually dissipate (20-45% chance of rain). Low temperatures will remain in the middle to upper 70s across much of the state with low to middle 80s along the Southeast Coast and Keys, providing little relief from the daytime heat and humidity.



Tropical Weather:

Invest 92L: Satellite imagery and National Weather Service Doppler radar data indicate that showers and thunderstorms associated with a well-defined low pressure areas centered about 80 miles east-southeast of Brunswick, Georgia, continues to lack the necessary organization for the low to be



considered a tropical cyclone. Recent Air Force Reserve reconnaissance aircraft data indicate that winds to 35 mph are occurring in association with the low. Only a small increase in the organization of the showers and thunderstorms could result in the formation of a short-lived tropical depression before it reaches the coast of northeastern Florida or Georgia tonight, and interests there should monitor its progress. **Regardless of development, this system will bring increasing rain chances, heavy rainfall, elevated surf, minor beach erosion during high tide, and a high risk for rip currents along the Florida East Coast.**

*Formation chance through 48 hours...**medium...60%**.

*Formation chance through 7 days...**medium...60%**.

Southwestern Gulf of Mexico: A broad area of low pressure is forecast to form over the Bay of Campeche by this evening. Environmental conditions appear conducive for gradual development of this system as it moves slowly west-northwestward or northwestward, and a tropical depression could form over the southwestern Gulf of Mexico this weekend. Interests along the Gulf coast of Mexico should monitor the progress of this system. *This system poses no direct threat to Florida at this time.*

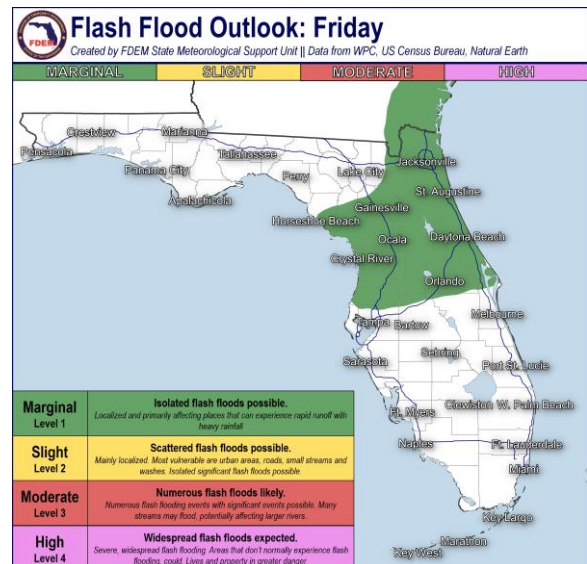
*Formation chance through 48 hours...**medium...50%**.

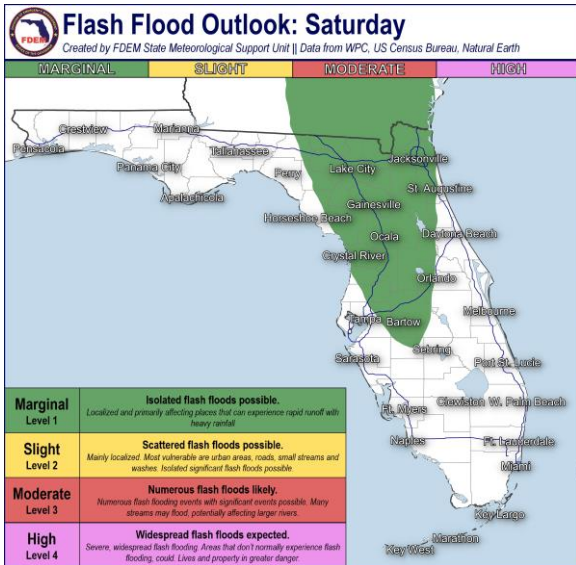
*Formation chance through 7 days...**medium...60%**.

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

Hydrology & Flooding:

Scattered to numerous showers and thunderstorms can be expected across the Northern Peninsula and Eastern Big Bend as Invest 92L approaches the Southeast Georgia Coast today, reaching the coast by tonight. Regardless of any further development of Invest 92L, heavy rainfall can be expected with this activity. Lingering drier air across the rest of the state will allow for only isolated to scattered showers and thunderstorms with the sea breezes this afternoon and evening. While rainfall is much needed across the Northern Peninsula, training bands of heavy rainfall may give way to instances of **flooding** and **ponding of water** along urban and low-lying/poor drainage areas today. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across the Northern Peninsula and south to the I-4 corridor. Saturated grounds and soils across portions of South Florida may also be sensitive to additional rainfall. A wet weather pattern will begin to take hold statewide this weekend as high pressure builds back in after Invest 92L dissipates and abundant moisture lingers over the state. WPC is outlooking a **Marginal Risk for Flash Flooding** along the Northern Peninsula and Nature Coast Saturday. Heavy downpours may give way to instances of **flooding** and **ponding of water** at times this weekend, especially across already saturated grounds and over urban and low-lying/poor drainage areas. Widespread rainfall totals near 1-2” are expected over the next 3 days in the Peninsula with locally higher totals near 3-5” possible.





An upper-level area of low pressure and its associated frontal boundary will sag through the Eastern U.S. early next week as abundant tropical moisture lingers across the state. With high pressure continuing to drift eastward and sea breezes developing in the afternoon, colliding over the eastern half of the Peninsula in the late afternoon and evening, above normal rain chances can be expected statewide. Despite no organized risk, heavy downpours across already saturated grounds and over urban and low-lying/poor drainage areas may result in instances of **flooding** and **ponding of water**. Over the next 5 days, a widespread 1-3" of rainfall is anticipated across the Peninsula with locally higher totals of 3-5" possible. For the latest Excessive Rainfall Outlook, please visit the [Weather Prediction Center](#).

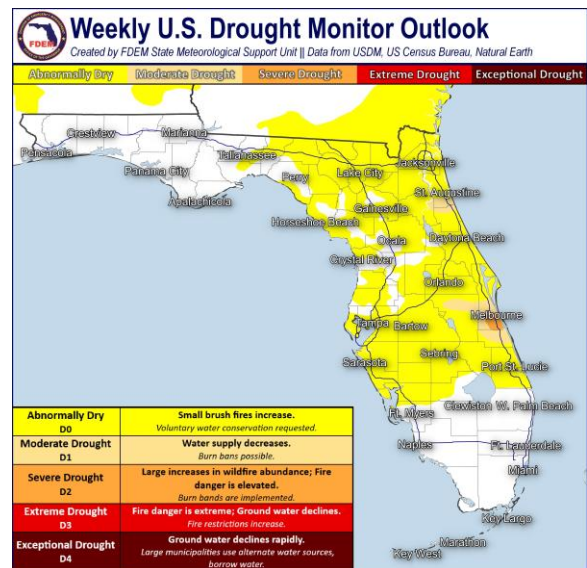
All Florida rivers, creeks and waterways are below flood stage. Tidal portions of the St. Johns River may see water levels rise into Action Stage (bank-full) at times of high tide today as breezy winds and elevated surf impact the Northeast Coast and heavy rainfall develops; however, riverine flooding is not expected at this time. There are no additional riverine concerns. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 13.36', which is within the operational band and 0.14' above normal. Lake elevations have risen approximately 0.19' over the past week but remain 0.06' lower than 30 days ago. Above normal rainfall outlooked across Florida over the next week or so may lead to additional rises in water levels.

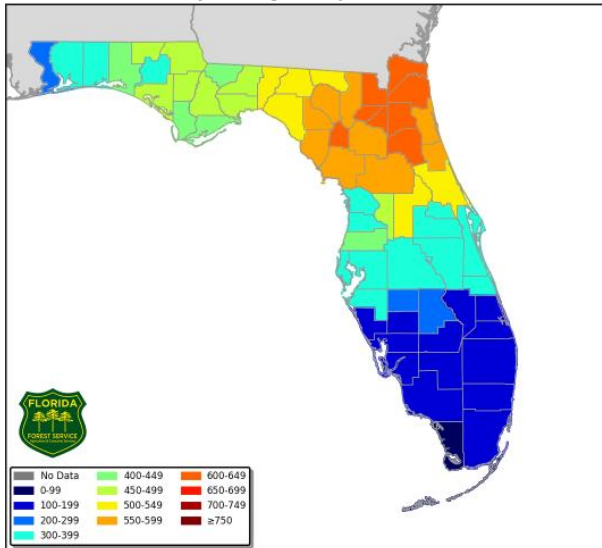
Drought & Fire Weather:

Notable improvements have been made to drought conditions along South and Central Florida on this week's [Drought Monitor](#) update following widespread heavy rainfall and the South Florida flooding over the past week. Many locations reported 1-2' of rainfall (or upwards of 7-14") within a few days. Drought conditions have been entirely removed south of Lake Okeechobee with Abnormally Dry (*emerging drought*) conditions remaining near and north of Lake Okeechobee to I-4. **Moderate to severe drought** continues for Brevard, Osceola, and Indian River counties where rainfall totals remained lower. On the other hand, light scattered rainfall, above-normal temperatures, and short-term moisture deficits have led to introduction of conditions north of I-4 through the Northern Peninsula and into the Big Bend. Abnormally Dry conditions have developed through the Northern Peninsula and into the Big Bend with **moderate drought** noted east of the St. Johns River in St. Johns, Flagler, and Putnam counties. 30-day rainfall deficits have reaches 3-5" across the Big Bend, Northern Peninsula, and south to the I-4 corridor with areas across the Northern Peninsula seeing 30-day rainfall deficits near 5-8". The return of above normal rainfall is anticipated over the next week or so across the state, which may help to alleviate remaining drought conditions.

[The Keetch-Byram Drought Index](#) average for Florida is **378 (+8)** on a scale from 0 (very wet) to 800 (very dry). There are **22** Florida Counties (Alachua, Baker, Bradford, Clay, Columbia,



Keetch Byram Drought Index (KBDI)
County Averages for June 20, 2024



Dixie, Duval, Flagler, Gilchrist, Hamilton, Jefferson, Lafayette, Levy, Madison, Marion, Nassau, Putnam, St. Johns, Suwannee, Taylor, Union, and Wakulla) with an average KBDI over 500 (drought/increased fire danger).

Scattered to numerous showers and thunderstorms can be expected across the Northern Peninsula and Eastern Big Bend as Invest 92L approaches the Southeast Georgia Coast today, reaching the coast by tonight. Abundant tropical moisture associated with this system will keep relative humidity values well above critical thresholds today. Lingering drier air across the rest of the state will allow **relative humidity values to fall to 35-45%** through the Panhandle and Western Big Bend and 40-55% across Central Florida late this afternoon, creating **locally sensitive wildfire conditions**. Breezy winds with **gusts near 15-25 mph** will persist along the East Coast and Keys

today with 10-15 mph gusts elsewhere. Drier air will continue to linger across the Panhandle and Western Big Bend through the weekend with relative humidity values falling to 40-55% each day, allowing **locally sensitive wildfire conditions** to persist. As the frontal boundary sags towards the state from the north and stalls, moisture will return to the Panhandle and relative will remain near or above 45-55%. Easterly to southeasterly winds will continue to filter in abundant moisture across the Peninsula this weekend and early next week and abundant tropical moisture will linger across the Northern Peninsula and Eastern Big Bend, keeping relative humidity values well above critical thresholds. Winds will calm through the period, keeping the overall wildfire concern minimal. A wet weather pattern will begin to take hold statewide this weekend as high pressure builds back in after Invest 92L dissipates and abundant moisture lingers over the state. Scattered to numerous showers and thunderstorms are expected across the Big Bend, Peninsula, and Keys with the sea breezes Saturday and Sunday afternoon and evening. With high pressure continuing to drift eastward and sea breezes developing in the afternoons, colliding over the eastern half of the Peninsula later in the day, above normal rain chances can be expected across the Florida Panhandle and Peninsula Monday and Tuesday. *Thunderstorms may be capable of producing frequent lightning and erratic winds.* Above normal temperatures with **heat indices** in the **upper 90s and triple digits** can be expected over the next 5 days. According to the [Florida Forest Service fire dashboard](#), there are 55 active wildfires across the state burning approximately 6,340 acres (as of 2:20 PM EDT).

Rip Currents & Marine Hazards:

Breezy winds and elevated surf will continue to yield a **high risk for rip currents** along the entire East Coast today and along the Southeast Coast Saturday. A low to **moderate risk for rip currents** can generally be expected along East Coast beaches through the rest of the weekend and into early next week. The Florida Panhandle will continue to see a **moderate to high risk for rip currents** through the period as long-period swells persist along the coastline. A low to **moderate risk for rip currents** is anticipated along the West Coast through the next 5 days as these long-period swells linger in the Gulf of Mexico. For the latest Rip Current Outlook, visit www.weather.gov/beach.

High Surf Advisories remain in effect along Northeast Coast beaches until this afternoon due to large **breaking waves of 4-7'** creating **dangerous beach and boating conditions**. All other Florida Atlantic Coast beaches can expect wave heights of 2-4'. The Florida Panhandle beaches will also see 2-4' wave heights while West Coast beaches see wave heights remain near 1-2'. As winds begin to calm this weekend and into early next week, ocean swells will dissipate. **Wave heights** will

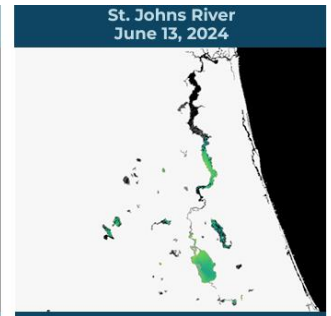
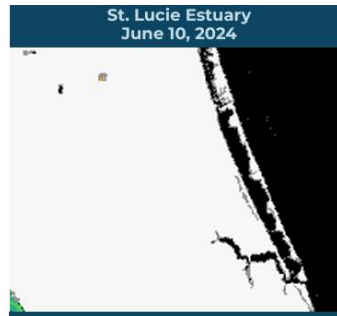
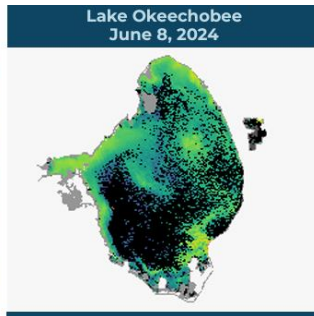
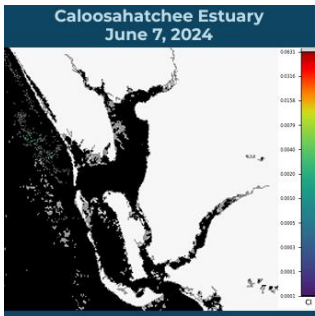
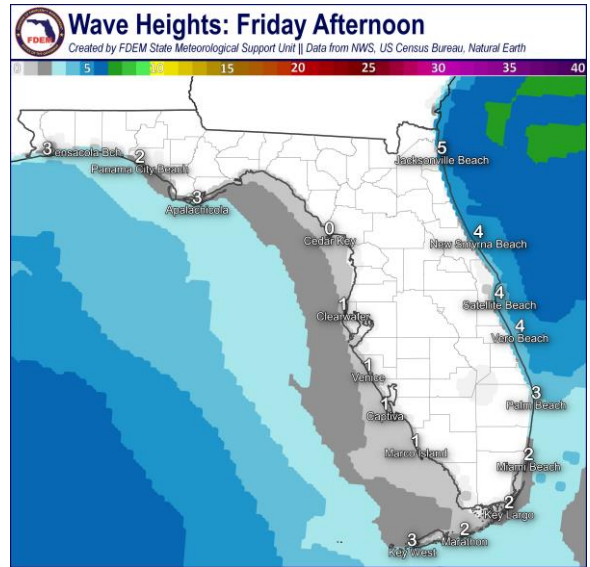


return to 1-3' along Florida Panhandle and West Coast beaches Saturday while the Florida Atlantic Coast continues to see 2-4' waves. Wave heights will return to 1-3' statewide Sunday through Tuesday.

Instances of **localized minor tidal flooding and beach erosion** cannot be ruled out along portions of the Northeast and Space Coasts today and lingering into the weekend due to elevated surf, breezy winds, and heavy rainfall near and during time of high tide. There are no additional coastal flooding concerns at this time.

Red Tide has been observed at background levels in one sample collected from Southwest Florida (offshore of Sarasota County) over the past week (as of 6/14). There have been no reports of fish kills or respiratory irritation suspected to be related to red tide.

Due to Invest 90L, **blue-Green Algae** was observed on the most recent satellite imagery for Lake Okeechobee from 6/8 at low to **high bloom potential** on approximately 75% of the lake with the highest bloom potential in the southeast quadrant of the lake near Pahokee Marina. More recent satellite imagery of the St. Johns River (from 6/13) is partially obscured by cloud cover but showed low to **moderate bloom potential** from Lake George downstream to Toco Creek. Satellite imagery obtained on 6/7, although also partially obscured by cloud cover, showed no significant bloom potential in visible portions of the Caloosahatchee River or Estuary. Satellite imagery obtained of 6/10 and partially obscured by cloud cover showed a single pixel of **moderate bloom potential** in the North Fork of the St. Lucie River.



- [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](#)

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Have a wonderful weekend!
 Melissa James, Assistant State Meteorologist
 Florida Division of Emergency Management
www.FloridaDisaster.org/Weather

