



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Wednesday, June 12, 2024



State Emergency Operations Center Activation Level

Level 2 Activation



SERT On-Call Personnel

| Position | Personnel | Phone | Email |
|--------------------------------|--------------------|----------------|--|
| Operations Chief | Sam Walters | (850) 519-8638 | Sam.Walters@em.myflorida.com |
| Watch Officer | Sam Walters | (850) 519-8638 | Sam.Walters@em.myflorida.com |
| Duty Officer | Ben Mauro | (850) 566-4904 | Benjamin.Mauro@em.myflorida.com |
| Operations Officer- Day | Lauren Warfield | (850) 815-4001 | SWP@em.myflorida.com |
| Operations Officer- Swing | Zachary Remante | (850) 815-4001 | SWP@em.myflorida.com |
| Operations Officer- Night | Jim Lawhon | (850) 815-4001 | SWP@em.myflorida.com |
| Meteorologist | Kennedy Tartt | (850) 567-6368 | Kennedy.Tartt@em.myflorida.com |
| Plans Chief | Kaylynn Perry | (850) 254-5657 | Plans_Command@em.myflorida.com |
| Logistics Chief | Christina Goetzman | (850) 519-8581 | Christina.Goetzman@em.myflorida.com |
| Human Services Director | Pam Hughes | (850) 528-5638 | Pamela.Hughes@em.myflorida.com |
| Emergency Services | Rob Dietrich | (850) 727-3414 | Robert.Dietrich@em.myflorida.com |
| Infrastructure Branch Director | Megan Hill | (850) 591-2496 | Megan.Hill@em.myflorida.com |
| ESF 8 On-Call | Hunter Stafford | (866) 786-4673 | DLDOHDutyOfficers@flhealth.gov |
| Public Information Officer | Marnie Villanueva | (850)-591-9544 | Marnie.Villanueva@em.myflorida.com |
| DEM Finance and Admin | Jeremy Smith | (561) 662-8028 | Jeremy.Smith@em.myflorida.com |



Response Regional Coordination Team

| Team | County Location | Visits |
|---------------------------|-----------------|--|
| Region 1: Jim Roberts | Out of Service | Leave (See Coverage) |
| Region 2: Willie Bouie | Leon | Office Admin / HURREVAC Training |
| Region 3: Glen Hammers | Columbia | HURREVAC Training |
| Region 4: James Carter | St Johns | FTEM |
| Region 5: Austin Beeghly | St Johns | FTEM |
| Region 6: Paul Siddall | Hillsborough | Weather Monitoring |
| Region 7: Cristian Rivera | Polk | Hardee HCC Meeting / HURREVAC Training |
| Region 8: Karen Kozac | St Lucie | Office Admin |
| Region 9: Theresa Hendry | Out of Service | Leave (See Coverage) |
| Region 10: Claudia Baker | Broward | RDSTF Meeting |



Region 1 Coverage Provided by Recovery Coordinator 1
Region 5/9 Coverage Provided by Response Coordinator 6

Status

Normal Operations

Out of Service / Unavailable



Recovery Regional Coordination Team

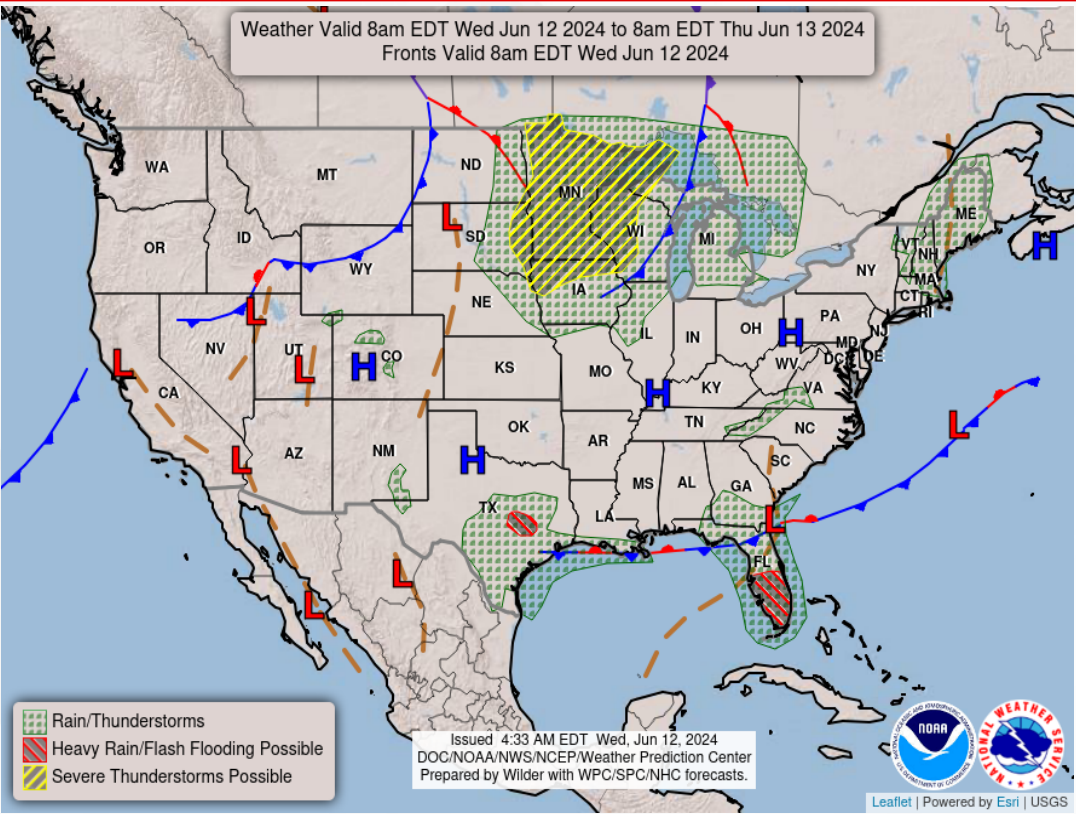
| Team | County Location | Status / Activities |
|----------------------------------|-----------------|-----------------------|
| Region 1: Allison Blevins | Washington | Administrative Duties |
| Region 2: Justin Lazzara | St. Johns | FTEM |
| Region 3: Patrick James | Alachua | Administrative Duties |
| Region 4: Joshua Saunders | St. Johns | FTEM |
| Region 5: Elizabeth Caison | St. Johns | FTEM |
| RRCT Manager | St. Johns | FTEM |
| Region 6: Jeremy O'Dell | | |
| Region 7: Vacant | N/A | N/A |
| Region 8: Ja-Pheth Butler-Miller | Indian River | RDSTF Meeting |
| Region 9: Kathryn Thompson | Lee | Administrative Duties |
| Region 10: Dana McGeehan | Broward | RDSTF Meeting |

Region 7 Coverage Provided by Recovery Coordinator 6

| Status |
|------------------------------|
| Normal Operations |
| In Region / Delayed Response |
| Deployed / Delayed Response |
| Out of Service / Unavailable |

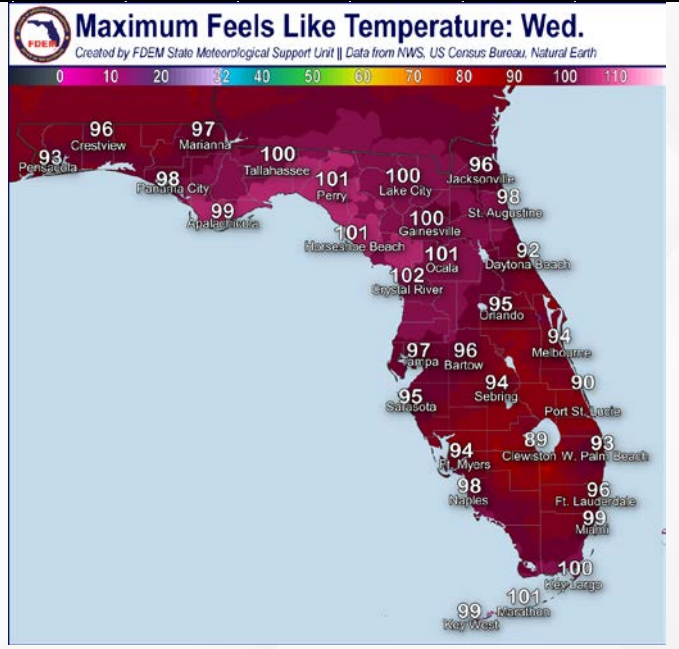
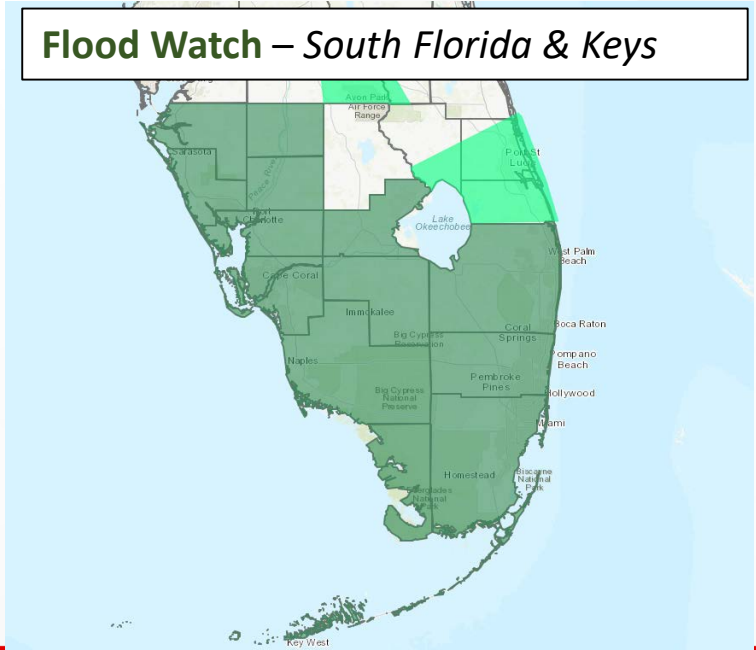


Meteorology Summary



Today's Weather Map

| Threat | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 |
|-----------------------------|--|----|----|----|----|----|----|----|----|-----|
| Lightning | | L | L | L | M | M | M | H | H | H |
| Tornado | | | | | | | | | | |
| Damaging Wind | | | | | | | | | | |
| Hail | | | | | | | | | | |
| Excessive Heat | L | L | L | L | L | L | L | L | L | L |
| Flash Flooding | | | | L | L | M | M | M | M | M |
| Wildfire | L | L | L | L | L | L | L | L | L | |
| River Flooding | | | | | | | | | | |
| Rip Currents | M | H | L | M | L | H | | M | H | L |
| Lake Okeechobee Elevation: | 12.70 ft. (0.46 ft. Below Normal) | | | | | | | | | |
| Keetch-Byram Drought Index: | 509 (-16) on a scale from 0 (very moist) to 800 (very dry) | | | | | | | | | |



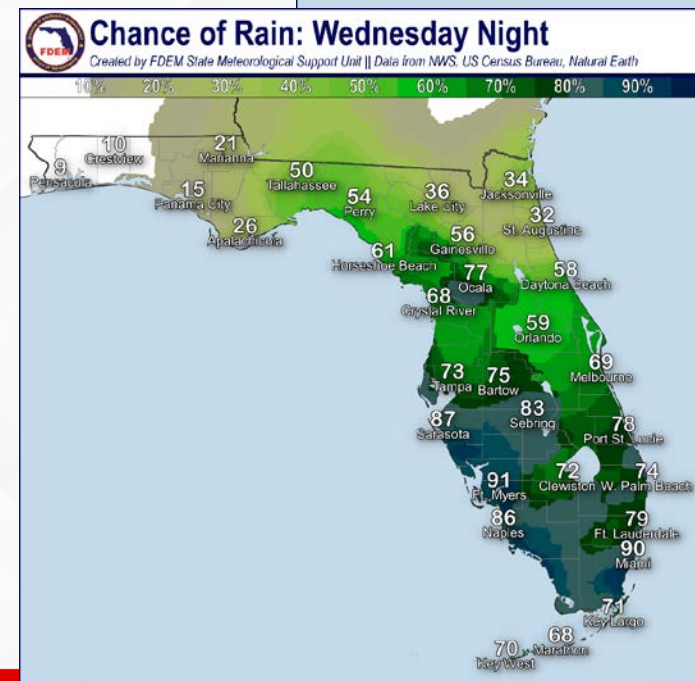
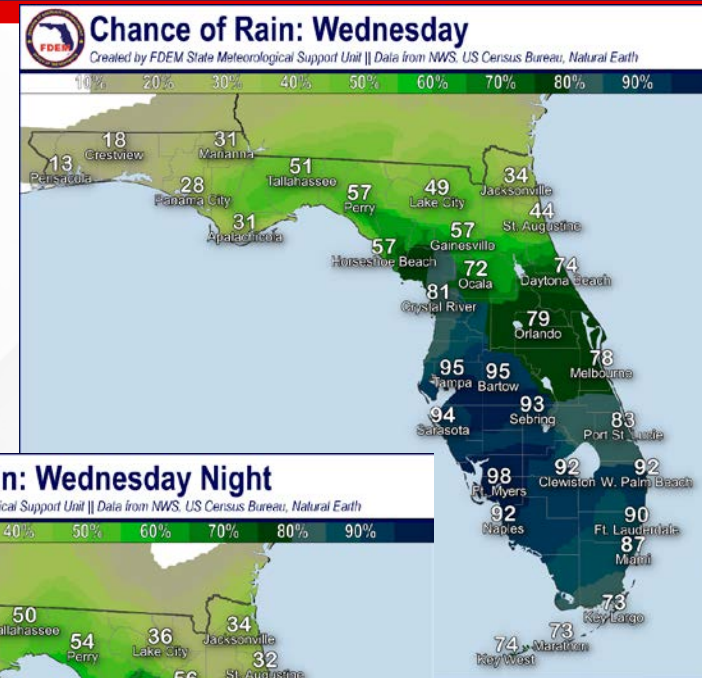


Meteorology Summary

Statewide Overview, Next 24 Hours:

Panhandle: The stationary frontal boundary continues to linger along the eastern I-10 corridor across the Big Bend and Northeast Florida, which will help to create scattered showers and thunderstorms this afternoon and evening. Tropical moisture will push northward into Northeast Florida and the eastern Big Bend throughout the day, as an area of low pressure moves across the northern Florida Peninsula (50-75% chance of rain). The greatest coverage of showers and thunderstorms looks to be along the I-75 corridor as the sea breeze will help to enhance shower and thunderstorm development as it moves inland. **Isolated strong to severe thunderstorms** cannot be ruled out during the peak heating hours of the day, and may produce frequent lightning, gusty winds (40-50 mph) and heavy downpours. Breezy wind gusts of 15-20 mph can be expected east of the I-75 corridor with the help of the pressure difference between high pressure over the Appalachian Mountains and the low pressure moving northeastward. Drier conditions can be expected west of the Apalachicola River; however, an isolated shower or thunderstorm cannot be ruled out. High temperatures will warm up well into the low to middle 90s across the region. Muggy conditions will create **heat index values** in the **upper 90s and low 100s**. The lack of daytime heating will allow for showers and thunderstorms to gradually dissipate throughout the evening hours along the I-75 corridor. Isolated showers with a few rumbles of thunder will be possible through the overnight hours along the east of the I-95 corridor where breezy onshore winds may keep activity from moving over the coastal waters. **Areas of patchy fog** may develop overnight and along the Suwannee Valley. Low temperatures will remain in the low to middle 70s.

Peninsula: Another wet and active weather day can be expected across the Peninsula as tropical moisture continues to bring scattered to numerous showers with embedded thunderstorms throughout the day (75-near 100% chance of rain). Multiple rounds of rainfall can be expected throughout the day, with the greatest coverage this afternoon and evening due to daytime heating processes. Widespread rainfall will develop, with periods of heavy and intense downpours throughout the day. *There remains some uncertainty and inconsistencies within computer model guidance on the location, timing and intensity of heavy rainfall rates.* A Flood Watch has extended into portions of West-Central Florida due to anticipated additional rainfall throughout today over areas that experienced several inches of rainfall yesterday. The **Flood Watch** remains in effect across the Florida Keys through this evening, and across South Florida through Thursday evening. Heavy and intense downpours may lead to **instances of localized flooding at times**, especially for urban and low-lying/poor drainage areas. The sea breeze may develop and push inland with breaks in cloud cover along Treasure Coast this afternoon and evening, which may help to enhance shower and thunderstorm coverage during the peak heating hours of the day. **Locally strong thunderstorms** cannot be ruled out at times, especially with any breaks in between cloud coverage through the afternoon and evening hours. **Any stronger thunderstorms** may be capable of producing frequent lightning, gusty winds and torrential downpours. Greater cloud coverage and elevated rain chances will keep high temperatures in the middle to upper 80s this afternoon. Despite cooler temperatures, tropical moisture will create humid conditions allowing for **heat index values** to reach the low to middle 90s throughout the Peninsula and **upper 90s to near 100-degrees** along the Florida Keys. Showers and thunderstorms will continue through the evening and overnight hours, despite coverage being less widespread with the lack of daytime heating processes (60-90% chance of rain). Low temperatures will remain in the low to middle 70s overnight throughout the Peninsula and upper 70s to low 80s across the Florida Keys.





Tropical Weather

For the latest on the tropics, please visit the National Hurricane Center (NHC) at www.hurricanes.gov.

Invest 90L: An elongated area of low pressure over the Florida Peninsula is producing a large area of disorganized showers and thunderstorms. Although upper-level winds are expected to be only marginally conducive, some *slow development is possible while the system moves northeastward offshore of the U.S. Southeast coast tonight and through the late week. Regardless of development, heavy rainfall is forecast to continue across portions of the Florida Peninsula during the next few days.*

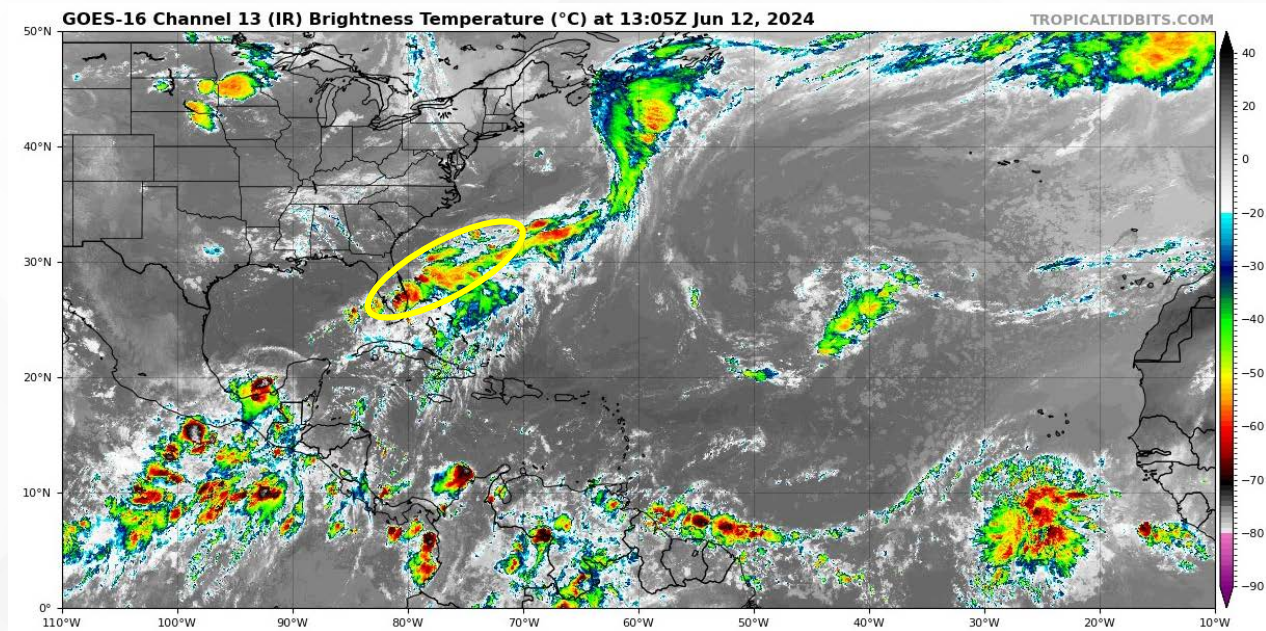
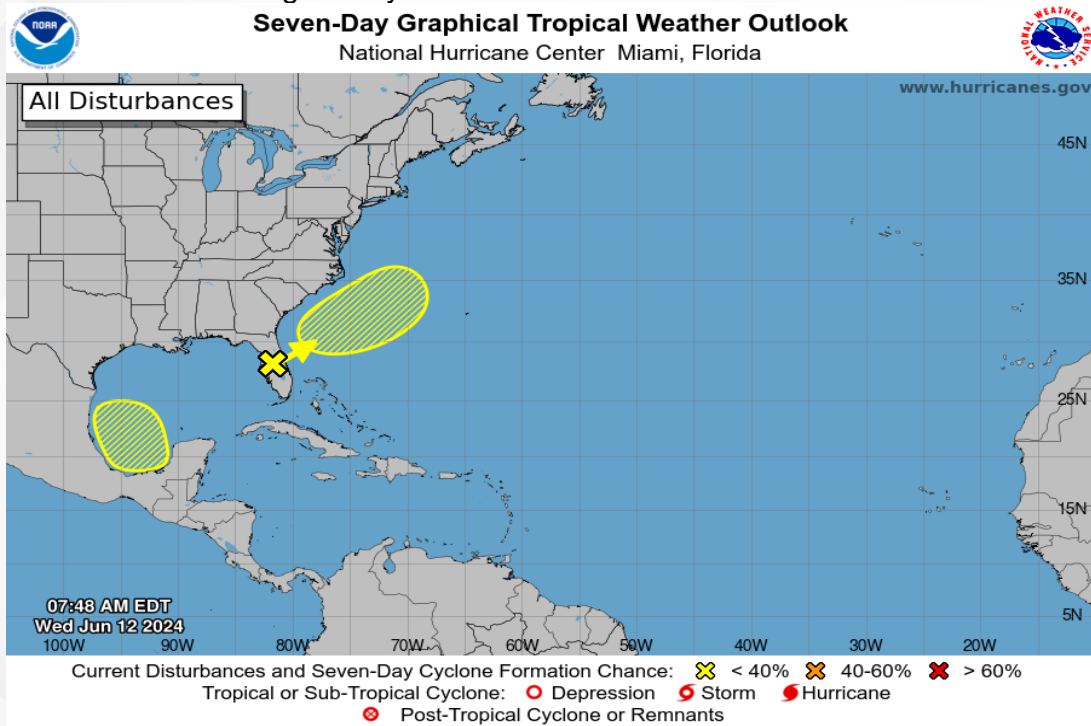
*Formation chance through 48 hours...**low**...**10%**.

*Formation chance through 7 days...**low**...**20%**.

Southwestern Gulf of Mexico: A broad area of low pressure could form over the weekend across the southern Gulf of Mexico. Environmental conditions appear to be conducive for some slow development early next week while the system moves slowly westward to west-northwestward. This system poses no threat to Florida.

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

*Formation chance through 7 days...**low**...**20%**.





Coastal Hazards & Hydrology

Rip Currents: Breezy onshore winds and elevated surf will create a **moderate to high risk for rip currents** nearly statewide. A low risk for rip currents can be expected for Nature Coast and Southeast Florida beaches. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Breezy winds will create elevated surf of 2-3' for all beaches statewide, with **isolated breaking waves** upwards of 4' along Southwest Florida beaches at times.

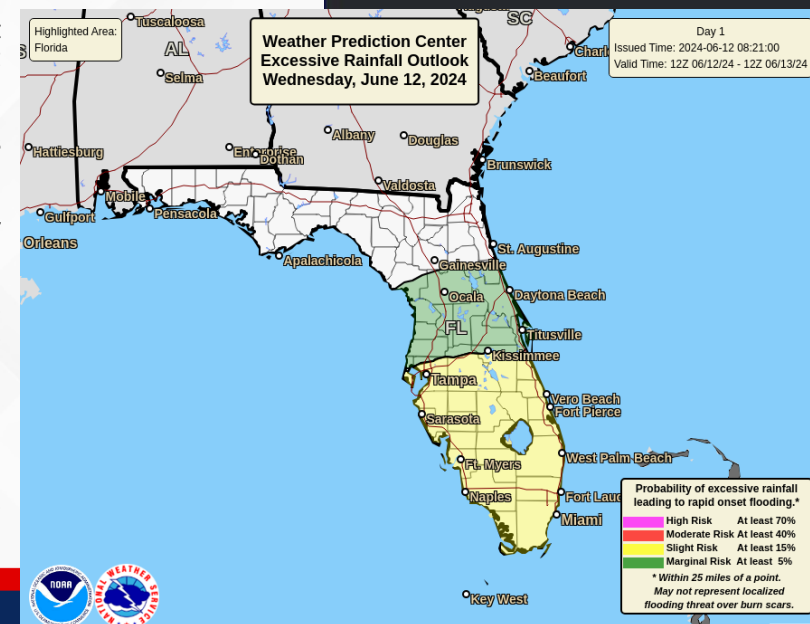
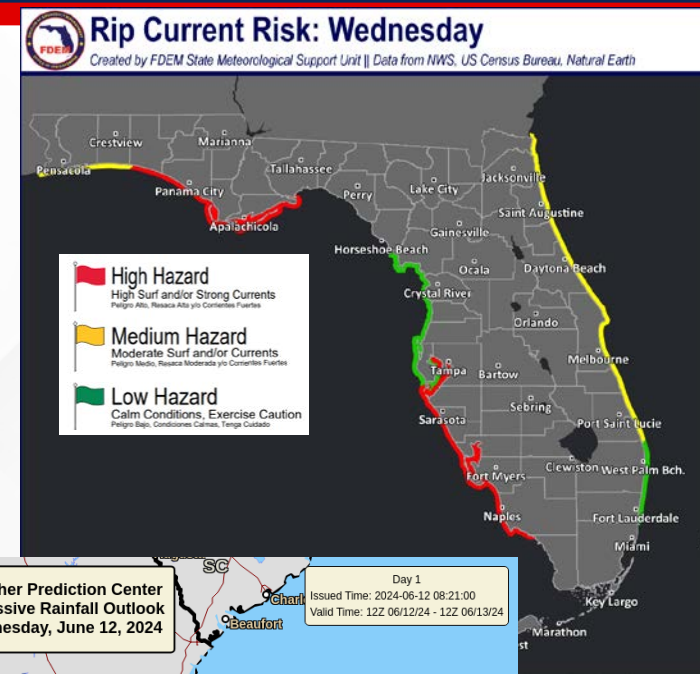
Red Tide has not been observed at or above background levels over the past week.

Coastal Flooding: 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.

Flash Flooding: Tropical moisture will surge across the Peninsula over the next few days 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** from the I-4 corridor and southward through the Florida Keys, with a **Marginal Risk (level 1 of 4)** extending through Central Florida and into the northern Peninsula towards Gainesville. 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. 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. Computer model guidance has been inconsistent with the location, timing and intensity of the heaviest rainfall and most intense rainfall rates. The **Flood Watch** has extended into West-Central Florida (Sarasota and Manatee) counties due to additional rainfall expected today over areas that received several inches yesterday, leading to an increased potential **for localized flooding** at times across urban and low-lying/poor drainage areas. The **Flood Watch** remains in effect through Thursday evening across South Florida, while the one for the Keys remains in effect through late tonight; however, depending on conditions and anticipated rainfall over the next few days, it may be extended. **Excessive rainfall** over saturated grounds and soils from yesterday could lead to **instances of minor to locally moderate flooding** at times. Drought conditions and below normal soil moisture will help for grounds and soils to take multiple rounds of rainfall before a more widespread flooding concern develops.

Riverine Flooding: 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 12.70 feet, which is within the operational band and 0.46 feet **below** normal for this time of year.





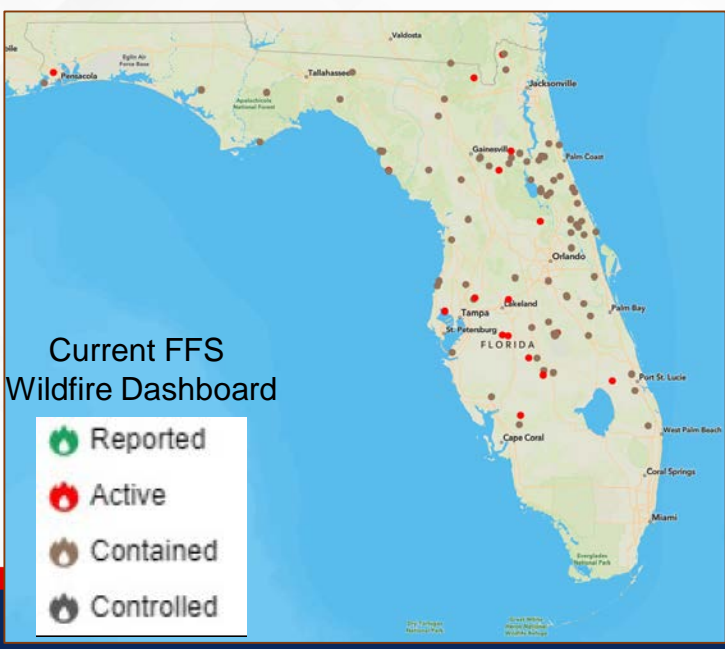
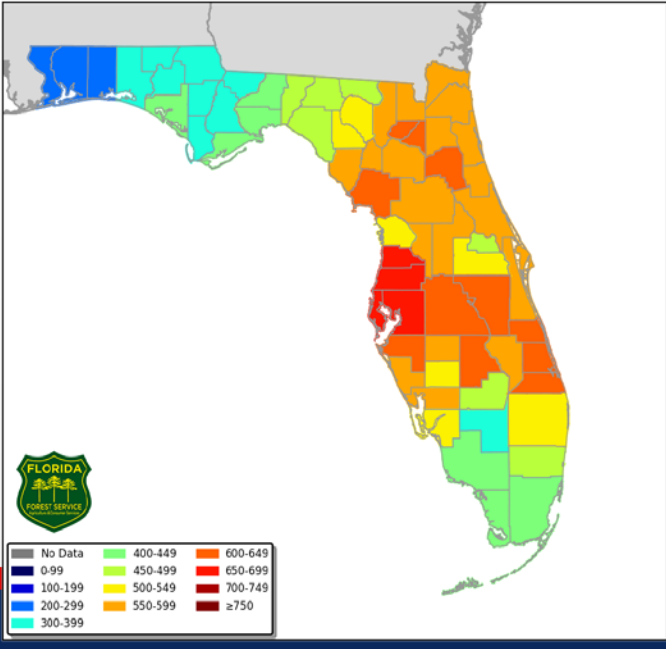
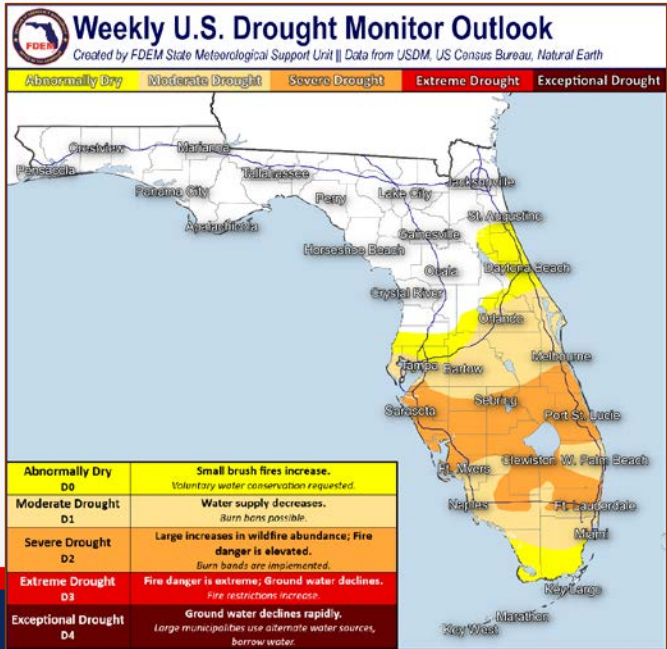
Drought & Fire Weather

Fire Weather: The wet and active weather pattern will continue across the Peninsula throughout the day and extend into Northeast Florida, bringing scattered to numerous showers with embedded thunderstorms. Tropical moisture will keep relative humidity values well above critical thresholds throughout the day. The greatest concern is embedded lightning and gusty winds within thunderstorms that develop throughout day over drought areas. **Sensitive wildfire conditions** can be expected along Northeast Florida throughout the day before much needed rainfall later today. Drier conditions can be expected across the Panhandle where relative humidity values will fall near critical thresholds this afternoon, which may create **sensitive wildfire conditions** at times. Breezy wind gusts outside of thunderstorm activity will reach upwards of 15-20 mph at times Northeast Florida and throughout the Peninsula, with stronger winds **gusts upwards of 25 mph** possible. **Areas of patchy fog** may develop overnight and early Thursday morning along the Suwannee Valley and Northeast Florida. According to the [Florida Forest Service](#), there are 98 active wildfires across the state burning approximately 9,344 acres.

Drought: Degrading drought conditions continue throughout the Peninsula as the summertime thunderstorm pattern has been slow to start. **Severe drought conditions** have expanded across the southern Peninsula and into Broward and Collier Counties, with **moderate drought conditions** expanding to the I-4 corridor. Above normal temperatures and lack of rainfall has continued to bring worsening drought conditions, with declining streamflows and falling water levels in Lake Okeechobee. Rainfall deficits over the last 90-days have reached 5-8" below normal along the swath of severe drought conditions across Central Florida. Near record high temperatures, dry conditions and lack of summertime rainfall have also contributed to numerous acres of wildfire burns throughout the Peninsula.

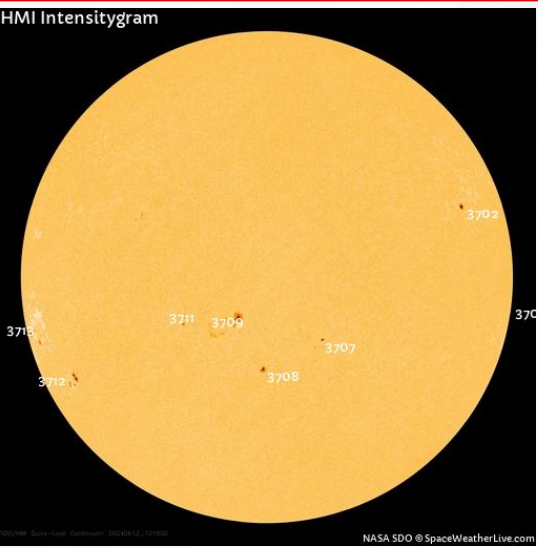
The Keetch-Byram Drought Index average for Florida is **509 (-16)** on a scale from 0 (very wet) to 800 (very dry). There are **41** Florida with an average KBDI over 500 (drought/increased fire danger). Bradford, Hernando, Highlands, Indian River, Levy, Manatee, Martin, Osceola, Pasco, Pinellas, Polk, Sarasota, St. Lucie and Union Counties have an average KBDI over 600.

Keetch Byram Drought Index (KBDI)
County Averages for June 11, 2024

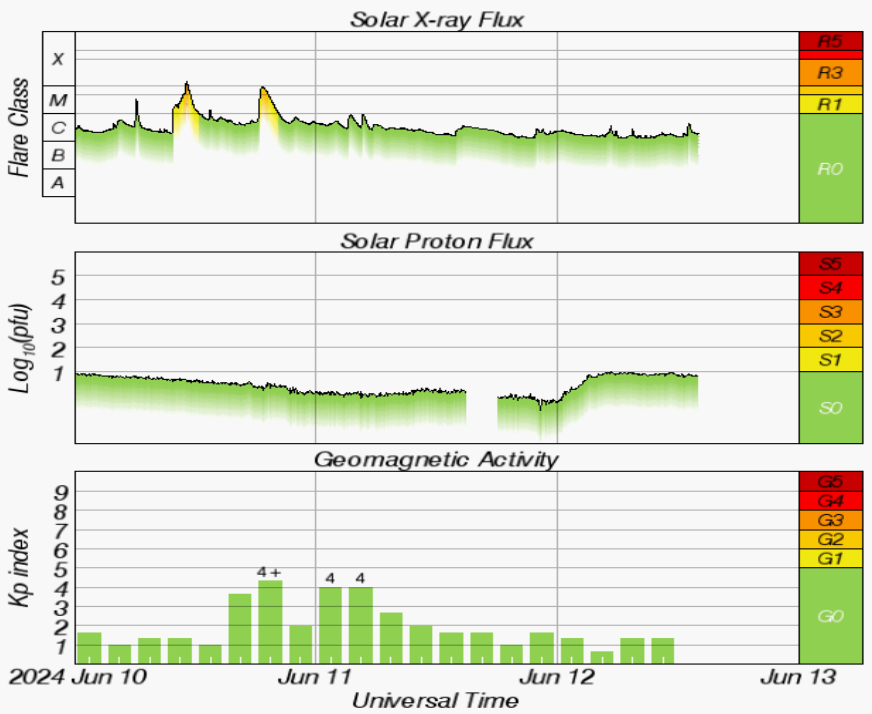
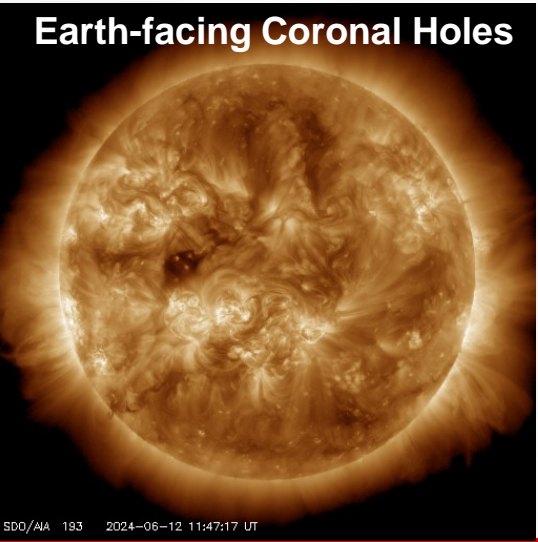




Space Weather



Current Sunspots



| Solar Flare Risk | Active Watches & Warnings | Past 24 hours |
|------------------|---------------------------|-------------------|
| M-class: 50% | Geomagnetic Storm: None | C3 Solar Flare |
| X-class: 10% | Radiation Storm: None | No Radio Blackout |

| 48-Hour Geomagnetic Forecast | |
|---|---|
| 6/12 | 6/13 |
| Max Kp= 5 (G1) | Max Kp= 3 (G0) |
| Chance of minor activity = 5% severe activity = 1% | Chance of minor activity = 1% severe activity = 1% |

Space Weather: Solar activity can be expected to reach low levels, with an isolated chance for strong (M-class) solar flares through the end of the week. Recently active sunspot #3697 has rotated off the western limb of the sun and is no longer Earth-facing. New sunspots are emerging at the along the eastern limb of the sun and will continue to rotates towards the Earth. The Coronal Mass Ejection (CME) from earlier this week will bring lingering influences, but overall activity will continue to wane throughout the day. With lower solar activity expected compared to the last several weeks, there are no minor (S1) or greater solar radiation storms expected. Unsettled periods within the Earth's geomagnetic field can be expected due to lingering CME effects. No minor (G1) or greater geomagnetic storms are expected. The overall threat to Florida is very low.



SWO Communications Systems & Contact Information

| Equipment | Contact | Status | Comments |
|-------------------|---|-------------|----------|
| Phone: | 800-320-0519, 850-815-4001, 850-591-0071 (Backup Cell) | Operational | |
| Backup Landline: | 850-487-3234, 850-487-3228 | Operational | |
| Fax: | 850-815-4979 | Operational | |
| Email: | SWP@em.myflorida.com | Operational | |
| SWO Tracker: | https://apps.floridadisaster.org/SWO/ | Operational | |
| SLERS: | DEM Statewide | Operational | |
| FNARS: | WGY974 | Operational | |
| Federal NAWAS: | State Watch Office | Operational | |
| EMnet Message: | FL.000- State Watch Office | Operational | |
| EMnet Voice: | FL SWP- State Watch Office | Operational | |
| IPAWS: | LP.1 Stations via Emnet | Operational | |
| FIN: | SOFEOC | Operational | |
| Satellite Phones: | 888-890-5178 or 480-263-8838 | Operational | |
| Website: | http://www.floridadisaster.org | Operational | |

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