



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Thursday, June 27, 2024



State Emergency Operations Center Activation Level

Level 2 Activation



SERT On-Call Personnel

Position	Personnel	Phone	Email
Operations Chief	Amy Godsey	(850) 519-8483	Amy.Godsey@em.myflorida.com
Watch Officer	Taylor Cheney	(850) 545-4047	Taylor.Cheney@em.myflorida.com
Duty Officer	Ben Mauro	(850) 566-4904	Benjamin.Mauro@em.myflorida.com
Operations Officer- Day	Jay Griffin	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Cassi Farestvedt	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Jim Lawhon	(850) 815-4001	SWP@em.myflorida.com
Meteorologist	Melissa James	(850) 566-6422	Melissa.James@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	Brandon Gore	(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	Henry, AL	Farley NPP / NWS / Response Meetings
Region 2: Willie Bouie	Out of Service	Leave (See Coverage)
Region 3: Glen Hammers	Columbia	RC Meeting
Region 4: James Carter	Leon / Duval	EVOC Instruction / Return Travel
Region 5: Austin Beeghly	Leon / Seminole	EVOC Instruction / Return Travel
Region 6: Paul Siddall	Highlands	Region 7 Quarterly Meeting
Region 7: Cristian Rivera	Highlands	Region 7 Quarterly Meeting
Region 8: Karen Kozac	Out of Service	Leave (See Coverage)
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Miami-Dade	FDOT / EM Meeting



Region 2 Coverage Provided by Recovery Coordinator 2
 Region 4 Coverage Provided by Recovery Coordinator 4
 Region 5 Coverage Provided by Response Coordinator 6
 Region 8 Coverage Provided by Response Coordinator 10
 Region 9 Coverage Provided by Recovery Coordinator 9

Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Allison Blevins	In Region	Sick Leave
Region 2: Justin Lazzara	Jefferson	County EM Meeting
Region 3: Patrick James	Alachua	External Stakeholder Meeting
Region 4: Joshua Saunders	Clay	External Stakeholder Meeting
Region 5: Elizabeth Caison	Escambia	HERricane Camp
RRCT Manager	Leon	SDRF / LTR Workshop
Region 6: Jeremy O'Dell		
Region 7: Vacant	N/A	N/A
Region 8: Ja-Pheth Butler-Miller	Leon	EVOG Training
Region 9: Kathryn Thompson	Lee	RDSTF Meeting
Region 10: Dana McGeehan	Broward	Vehicle Maintenance

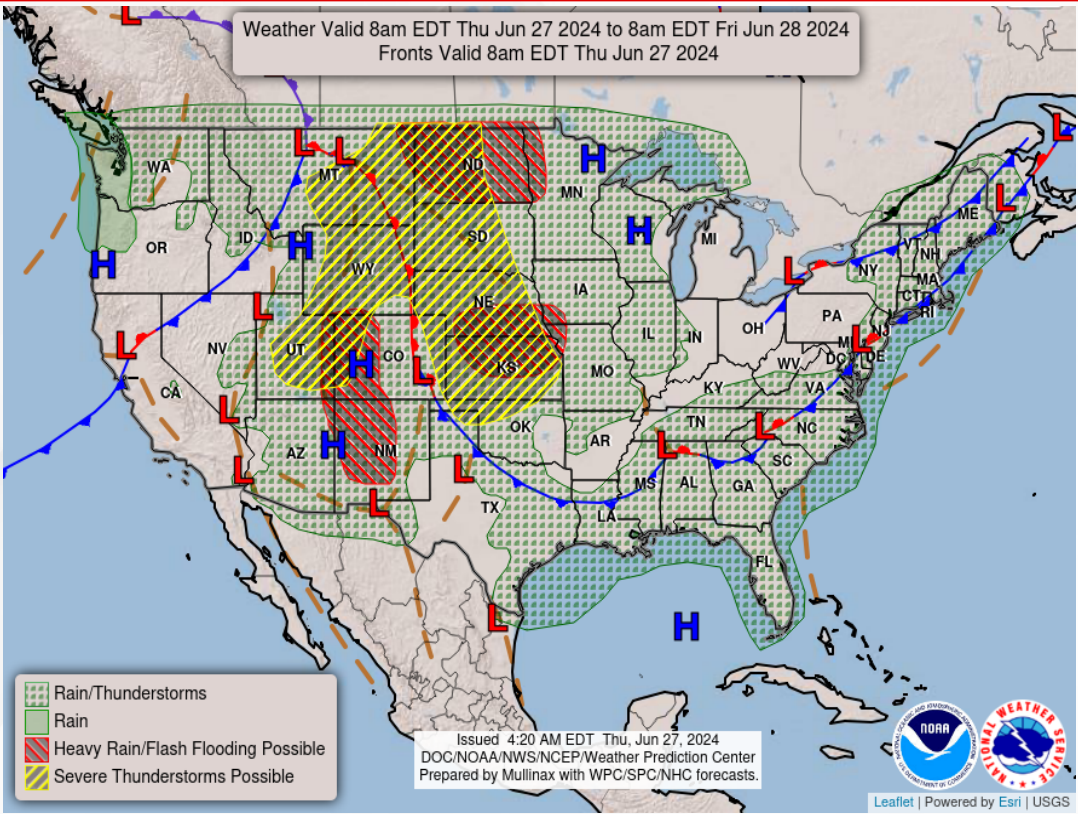
Region 1 Coverage Provided by Recovery Coordinator 2

Region 7 Coverage Provided by Recovery Coordinator 6

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

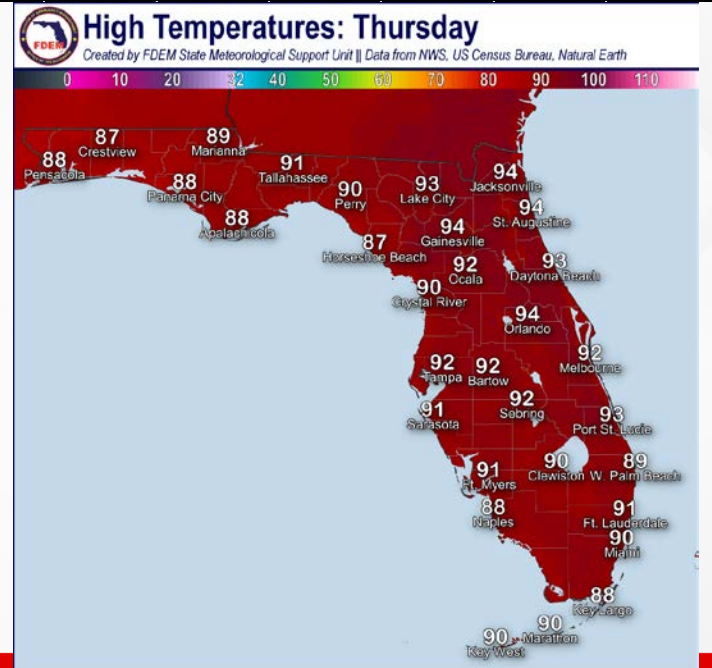
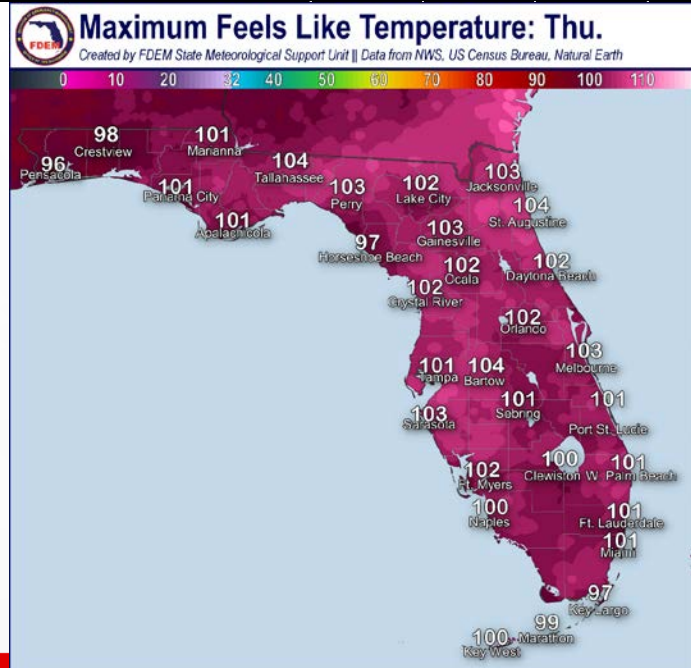


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	M	M	M	M	M	M	M	M	M	M
Tornado										
Damaging Wind/Hail	L	L								
Hail										
Excessive Heat	L	L	L	L	L	L	L	L	L	L
Flash Flooding	L	L		L			L	L		L
Wildfire										
Fog (Overnight)										
Rip Currents	M	M	L	M	M	L		M	L	L
Lake Okeechobee Elevation:	13.41 ft. (0.08 ft. Above Normal)									
Keetch-Byram Drought Index:	366 (+3) on a scale from 0 (very moist) to 800 (very dry)									





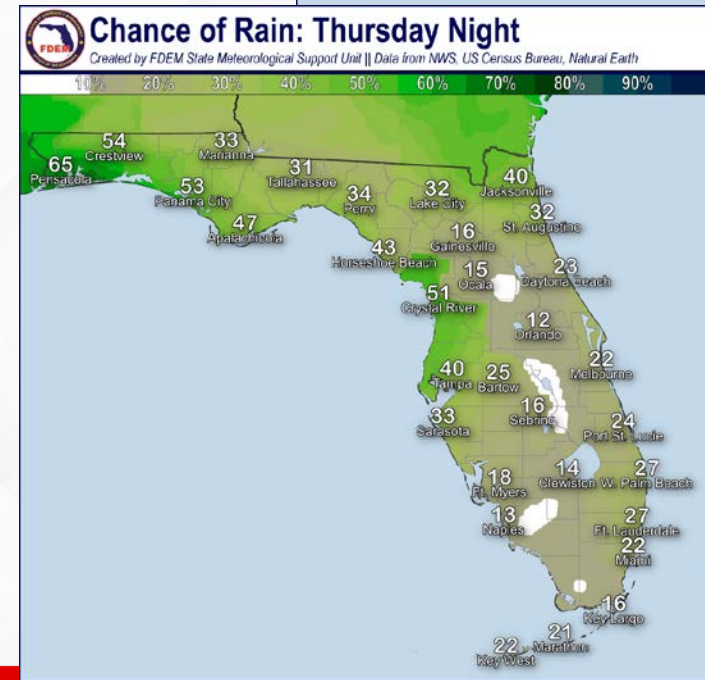
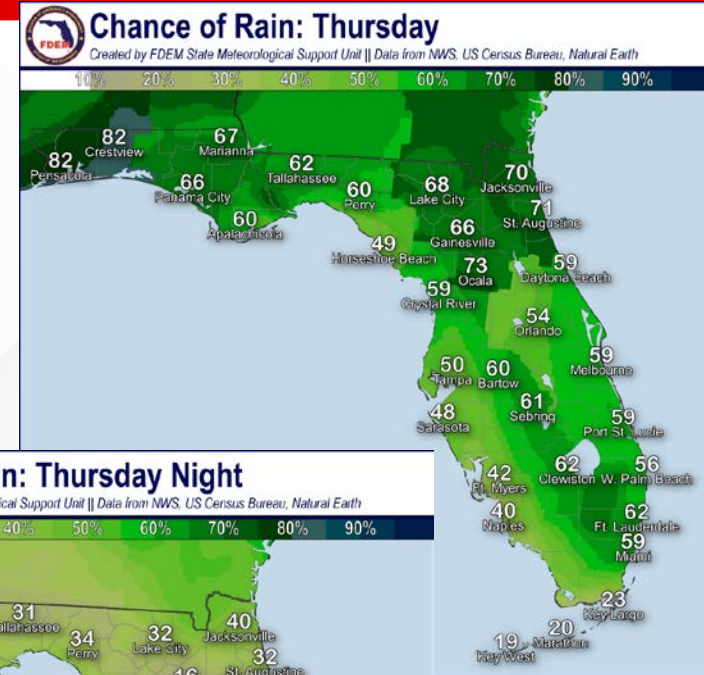
Meteorology Summary

Statewide Overview, Next 24 Hours:

An upper-level disturbance has begun to produce a cluster of showers and embedded thunderstorms moving eastward across the Florida Panhandle this morning. This disturbance and a frontal boundary approaching from the north will allow for higher coverage of daily scattered to numerous showers and thunderstorms across North Florida throughout the day today (60-85% chance of rain). The Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 4) for Severe Weather** along the I-10 corridor today as a **few strong to briefly severe thunderstorms** capable of producing frequent lightning, gusty winds (40-60 mph) and heavy downpours are possible. Isolated showers with embedded thunderstorms have developed across the Suwannee Valley and along the coastal Western Peninsula this morning and they will gradually move eastward throughout the morning and afternoon. The Gulf Coast sea breeze will be able to push further east compared to the Atlantic sea breeze, causing the two sea breeze boundaries to collide over interior or eastern portions of the Peninsula. Scattered showers and thunderstorms can be expected to develop along the West coastline this afternoon and evening and generally move eastward across the Peninsula (45-65% chance of rain). While severe weather is not expected, a **few strong thunderstorms** cannot be ruled out during the peak heating hours of the day. Abundant moisture giving way to heavy downpours combined with possibly slow-moving storms, may result in instances of **localized flooding** across urban and low-lying/poor drainage areas statewide.

The large area of upper-level high pressure over the desert southwest will continue to break down and slowly pull away from the Sunshine State but will continue to bring warm and muggy conditions. High temperatures in the upper 80s to middle 90s can be expected statewide. **Heat indices** will climb well into **upper 90s and triple digits (100-105)** statewide by the afternoon hours. Localized areas cannot rule out heat indices nearing or briefly reaching **Heat Advisory criteria**.

Showers and thunderstorms will continue throughout the evening hours then dissipate around midnight across the state with the lack of daytime heating as activity follows the sea breezes back towards the coast (15-35% chance of rain). The Florida Panhandle and Nature Coast will see scattered activity continue overnight with the upper-level disturbance (35-65% chance of rain). Low temperatures in the middle 70s to low 80s can be expected overnight. These mild overnight temperatures will bring little relief to daytime heat and humidity. Onshore winds along the coastal western Peninsula may allow for isolated showers to redevelop along the coastal waters and immediate coastline early Friday morning.





Tropical Weather

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

Western Caribbean/Southwestern Gulf of Mexico (Invest 94L): A tropical wave over the western Caribbean Sea is producing widespread but disorganized shower and thunderstorm activity while it moves westward at around 20 mph. Some development of this system is possible over the northwestern Caribbean Sea or over the southwestern Gulf of Mexico during the next several days. *This system poses no direct threat to Florida.*

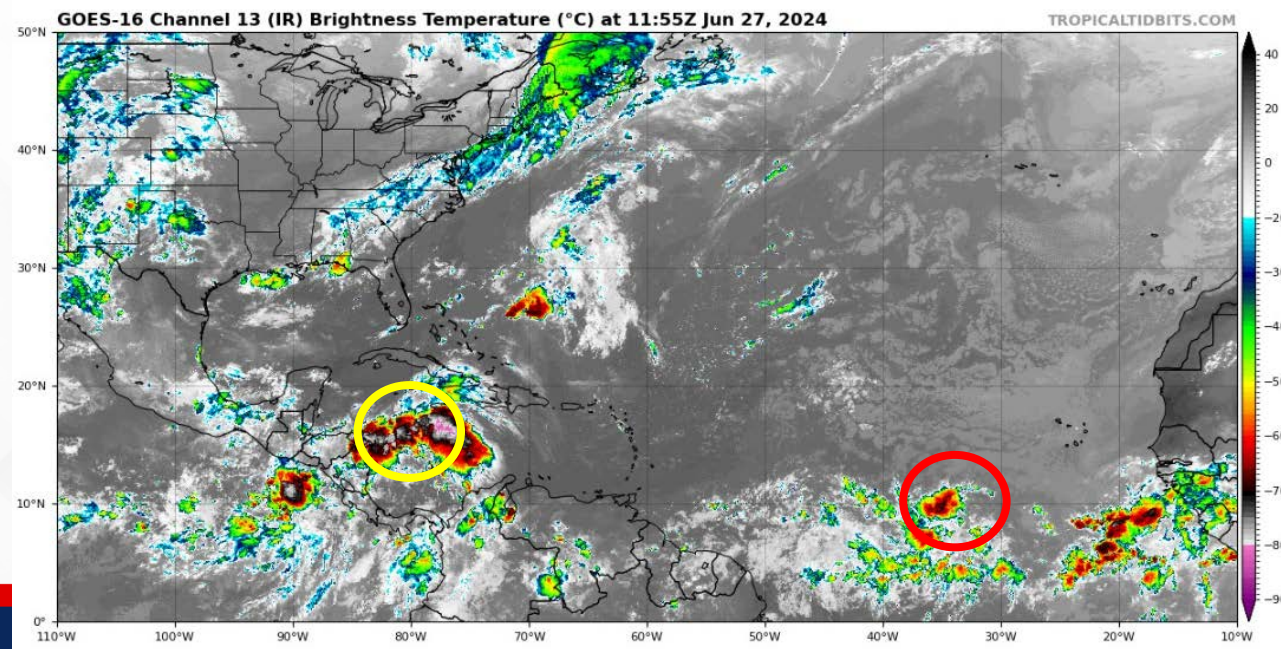
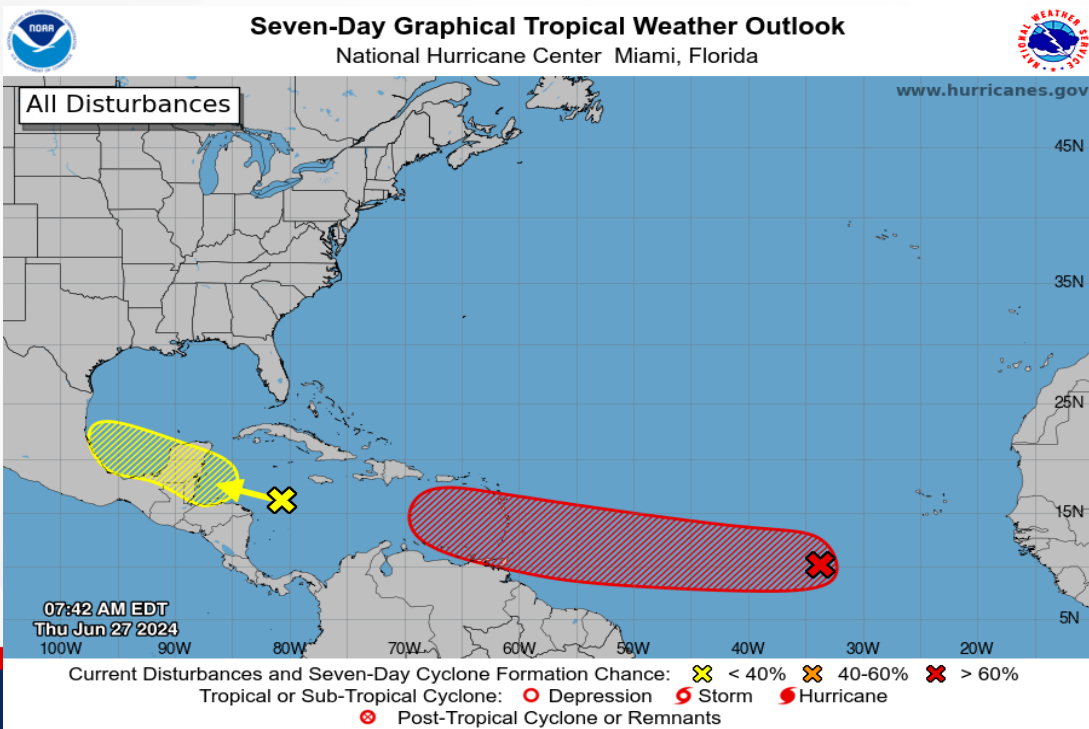
*Formation chance through 48 hours...**low...10%**.

*Formation chance through 7 days...**low...30%**.

Eastern Tropical Atlantic (Invest 95L): A tropical wave located several hundred miles west-southwest of the Cabo Verde Islands continues to produce disorganized shower and thunderstorm activity. Environmental conditions are forecast to be conducive, and development of this system is anticipated. A tropical depression or tropical storm is likely to form this weekend several hundred miles east of the Windward Islands while the system moves westward at 15-20 mph. *This system poses no direct threat to Florida over the next 7-10 days but will continue to be monitored.*

*Formation chance through 48 hours...**medium...40%**.

*Formation chance through 7 days...**high...70%**.





Coastal Hazards & Hydrology

Rip Currents: Numerous beaches along the Panhandle and East Coast will continue to see a **moderate risk for rip currents**, with a **locally high risk** along Bay County. A low risk for rip currents can be expected for all other beaches. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Wave heights near 1-3' can be expected for beaches statewide.

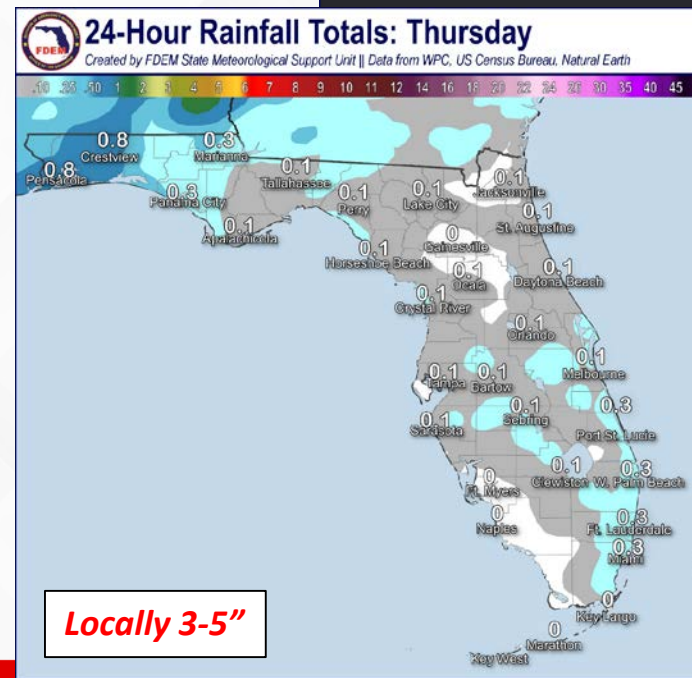
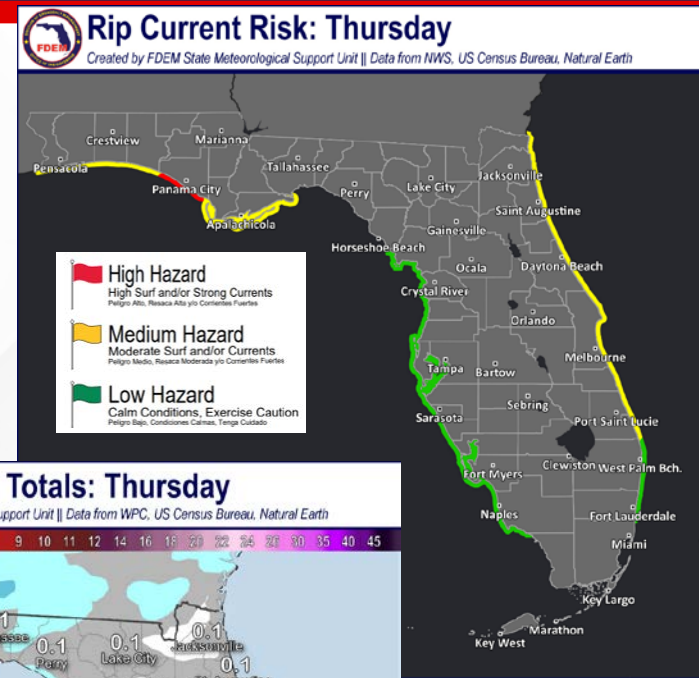
Red Tide has not been observed at or above background levels over the past week (as of 6/21).

Coastal Flooding: There is no risk for coastal flooding today.

Flash Flooding: An upper-level disturbance has begun to produce a cluster of showers and embedded thunderstorms moving eastward across the Florida Panhandle with isolated showers along the Nature Coast this morning. Scattered to numerous showers and thunderstorms will continue throughout the day with the disturbance. Plenty of moisture will continue to fuel scattered to numerous showers and thunderstorms along the sea breeze this afternoon and evening. The Gulf Coast sea breeze will push farther inland compared to the Atlantic sea breeze allowing for activity to develop and push eastward towards the I-95 corridor. Multiple rounds of rainfall, with heavy downpours possible, could bring **localized flooding** across the Peninsula throughout the afternoon and evening hours. Any slow-moving or training showers and thunderstorms over the same areas, or urban and low-lying/poor drainage areas, could lead to **instances of localized flooding** at times. Along the Panhandle, showers and thunderstorms developing the sea breeze and ahead of a southward sinking frontal boundary will also bring heavy downpours throughout the afternoon and evening, which could bring **localized flooding** in some areas. Rainfall totals of 1-2" can be expected, with **locally higher totals** upwards of 3-5" possible along the Panhandle and portions of the coastal Peninsula.

Riverine Flooding: All Florida rivers, creeks and waterways are below flood stage. There are no additional riverine concerns. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 13.41 feet, which is within the operational band and 0.08 feet above normal for this time of year.





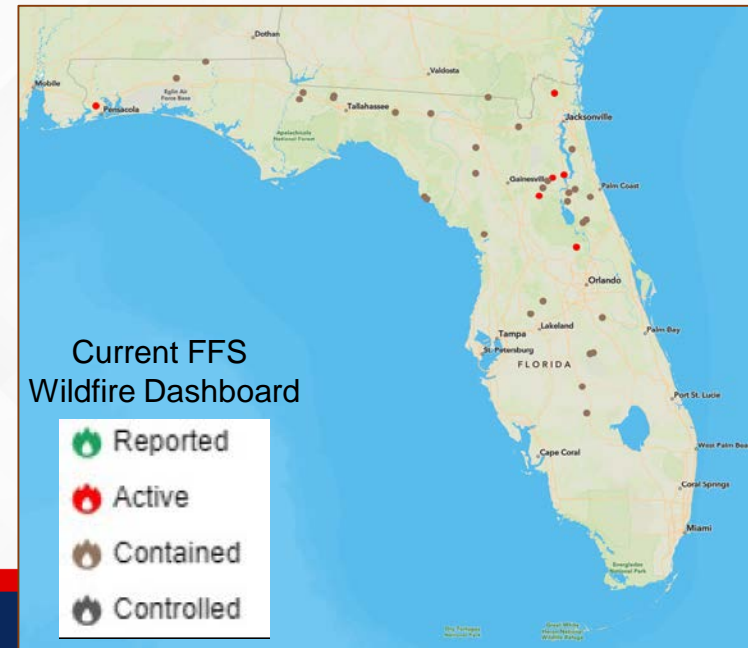
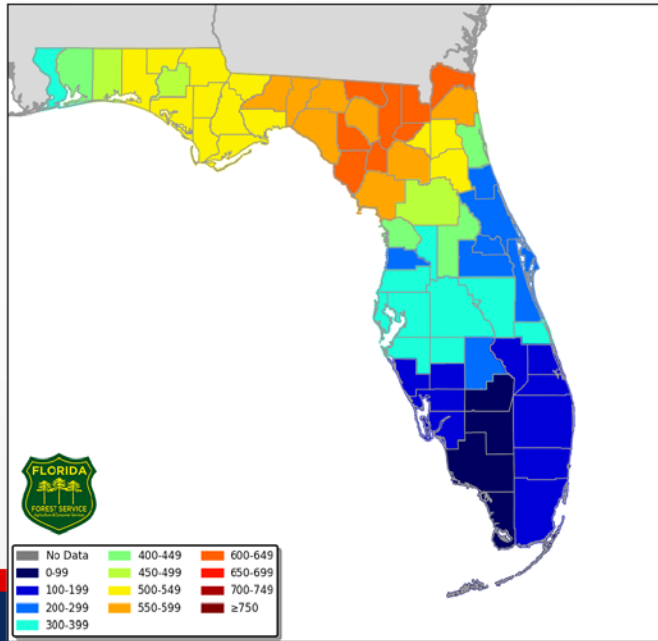
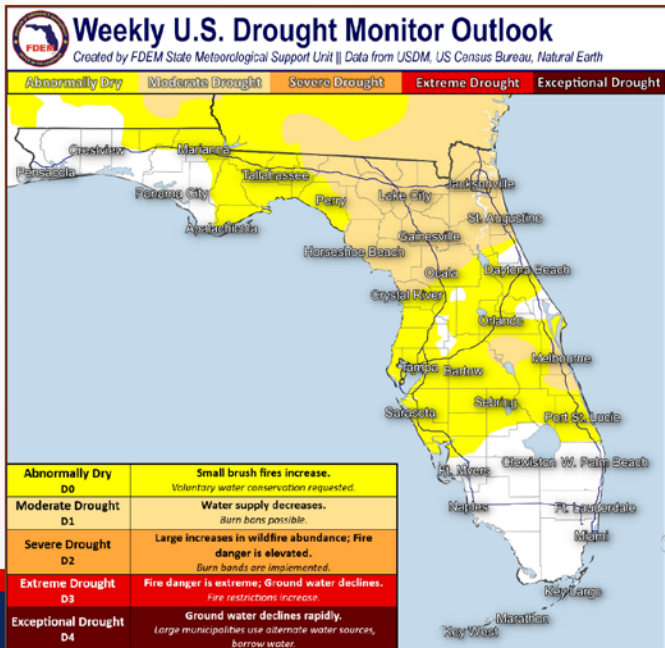
Drought & Fire Weather

Fire Weather: Abundant moisture will hold steady across the state helping to keep relative humidity values above critical thresholds throughout the day. An upper-level disturbance has begun to produce a cluster of showers and embedded thunderstorms moving eastward across the Florida Panhandle with isolated showers along the Nature Coast this morning and will continue across North Florida throughout the day. Scattered to numerous showers and thunderstorms can be expected to develop this afternoon and evening along the sea breeze in the Peninsula. A frontal boundary approaching from the north will help to increase shower and thunderstorm activity across North Florida. *Thunderstorms will be capable of producing frequent lightning and erratic winds.* Westerly to southwesterly winds will remain light throughout the day (5-10 mph), keeping wind gusts near 15-20 mph along the coastlines at times. According to the [Florida Forest Service](#), there are 38 active wildfires across the state burning approximately 4,646 acres.

Drought: Throughout most of the southeast, rainfall has been largely lacking over the past 3-4 weeks. At the same time, the region has experienced several heat waves over the past month. Combined, this has resulted in rapidly deteriorating drought conditions. Abnormally dry (*emerging drought*) conditions have expanded into the Big Bend and north of I-10 into the Eastern Panhandle on this week's drought monitor update as soil moisture, stream flows, and several derived drought indices continue to worsen on a daily basis. **Moderate drought** conditions have also expanded on this week's update and now stretch across the Northern Peninsula and into the Eastern Big Bend. High rates of evaporation of moisture from land and vegetation (evapotranspiration) are rapidly drying out soils and vegetation, increasing fire concerns. Widespread impacts have been observed in the agriculture sector due to these worsening drought conditions as pastures and rangelands are going dormant or turning brown, which is in turn increasing livestock concerns. There have been several reports that crop yields are in danger if meaningful rainfall is not observed soon. Abnormally Dry conditions remain near and north of Lake Okeechobee to north of I-4 with pockets of **moderate drought** near Melbourne and south of Orlando. Above normal temperatures and below normal rainfall are expected to persist over the next week and will likely further exacerbate drought conditions.

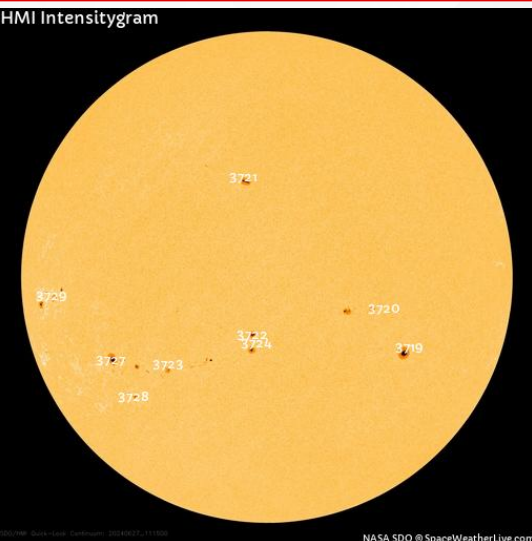
The Keetch-Byram Drought Index average for Florida is **366 (+3)** on a scale from 0 (very wet) to 800 (very dry). There are **29** Florida Counties (Alachua, Baker, Bay, Bradford, Calhoun, Clay, Columbia, Dixie, Duval, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Holmes, Jackson, Jefferson, Lafayette, Leon, Levy, Liberty, Madison, Nassau, Putnam, Suwannee, Taylor, Union, Wakulla and Walton) with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for June 26, 2024

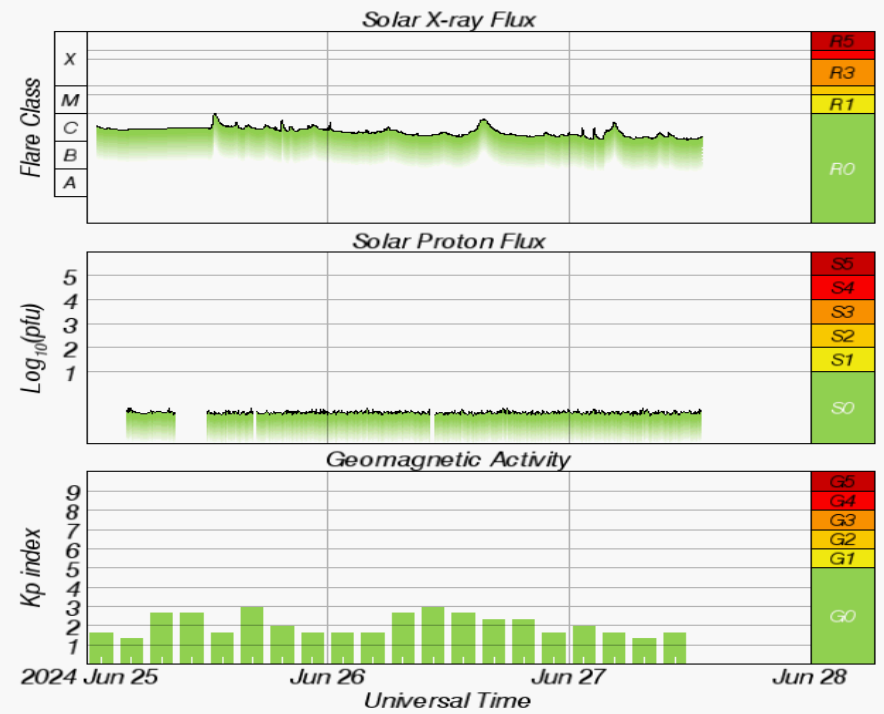




Space Weather

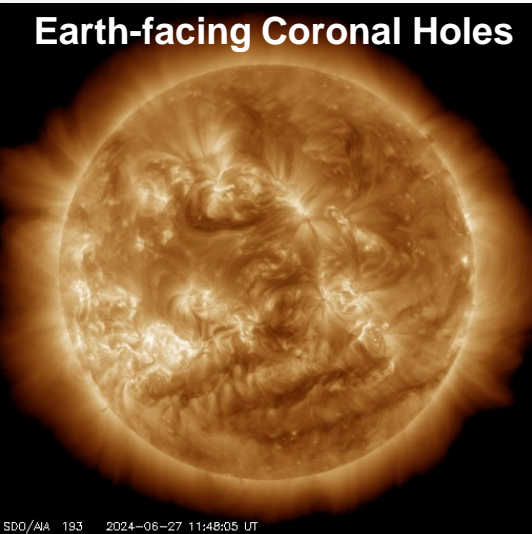


Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 55%	Geomagnetic Storm: G1 Watch (6/28)	C6 Solar Flare
X-class: 5%	Radiation Storm: None	No Radio Blackouts

48-Hour Geomagnetic Forecast	
6/27	6/28
Max Kp= 3 (G0)	Max Kp= 5 (G1)
Chance of minor activity = 1% severe activity = 1%	Chance of minor activity = 20% severe activity = 5%



Space Weather: Strong (M-class) solar flares continue to be likely through the rest of the week and into the weekend due primarily to the flare potential of regions #3723 and #3729. Significant (X-class) solar flares cannot be ruled out as sunspot #3723 contains a magnetic field that poses a continued threat for X-class solar flares. Minor to moderate (R1-R2) radio blackouts can be anticipated with M-class flares, and strong (R3) radio blackouts cannot be ruled out in the event of X-class flares. Solar wind conditions are expected to continue to be enhanced through today. Additional enhancements from a Coronal Mass Ejection (CME) that left the Sun on 6/24 is likely to arrive late Friday through Saturday. Quiet to unsettled geomagnetic conditions are expected today. Unsettled geomagnetic conditions with periods of **Minor (G1) Geomagnetic Storming** are likely by late Friday through Saturday with the 6/24 CME expected to graze Earth's magnetic field. A **Minor (G1) Geomagnetic Storm Watch** has been issued for Friday. The overall space threat to Florida remains 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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