



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Thursday, July 25, 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	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	Jay Griffin	(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	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	Response Mtgs / DEMES Kickoff Meeting - Fleet Management
Region 3: Glen Hammers	Columbia	Response Coordination Team Meeting
Region 4: James Carter	Duval	Northeast FL COAD/VOAD Meeting
Region 5: Austin Beeghly	Osceola, Seminole	EM Meeting
Region 6: Paul Siddall	Hillsborough	City of Tampa Hurricane Facilities Meeting
Region 7: Cristian Rivera	Leon, Polk	Polk HCC / Response Coordination Team Meeting
Region 8: Vacant	N/A	N/A
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Broward	Regional FHA Roundtable Meeting



Region 1 Coverage Provided by Recovery Coordinator 1
 Region 8 Coverage Provided by Recovery Coordinator 8
 Region 9 Coverage Provided by Recovery Coordinator 9

Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

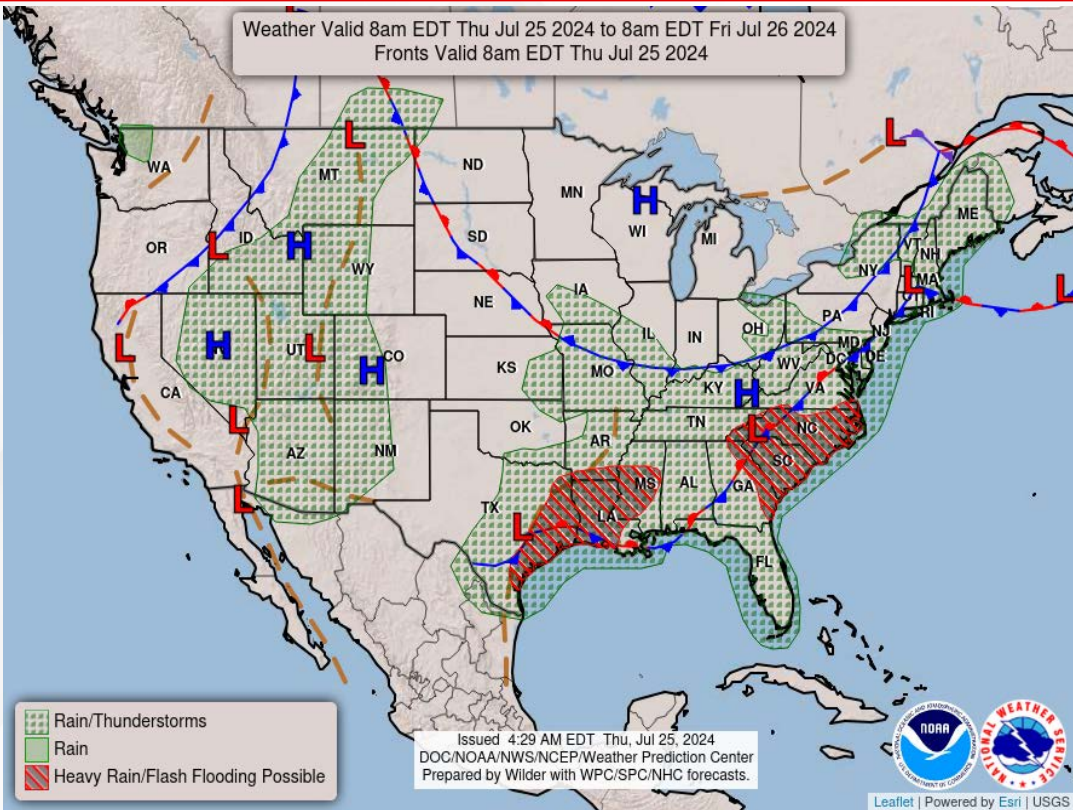
Team	County Location	Status / Activities
Region 1: Allison Blevins	Washington	Instructing - FL Recovery
Region 2: Justin Lazzara	Leon	SDHTF Meeting
Region 3: Patrick James	Alachua	Internal Stakeholder Meeting
Region 4: Joshua Saunders	Out of Service	Leave (See Coverage)
Region 5: Elizabeth Caison	Lee	FEPA Mid-Year
RRCT Manager	Orange	New Employee On-Boarding
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	Orange	New Employee On-Boarding
Region 8: Ja-Pheth Butler-Miller	Indian River	SDHTF Meeting
Region 9: Kathryn Thompson	Manatee	Training - L984
Region 10: Dana McGeehan	Out of Service	Leave (See Coverage)

Region 4 Counties will be covered by Recovery Coordinator 5
 Region 10 Counties will be covered by Recovery Coordinator 8

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

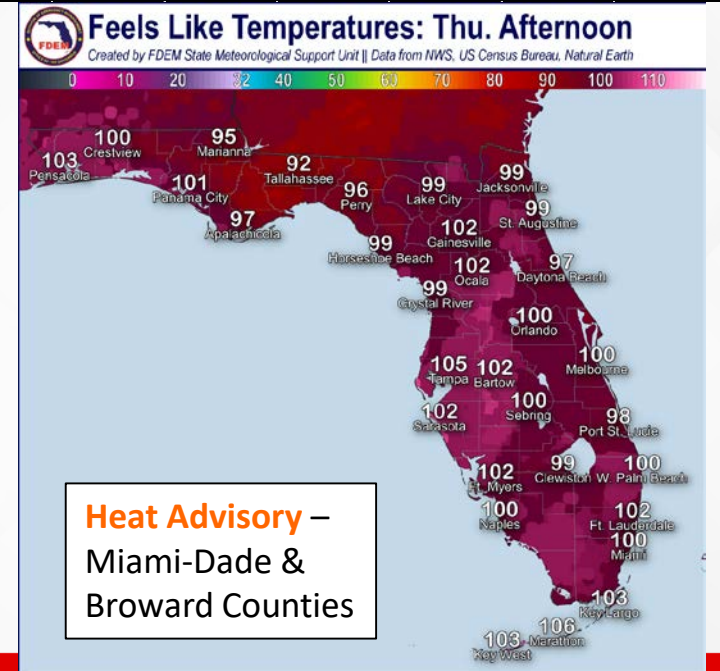
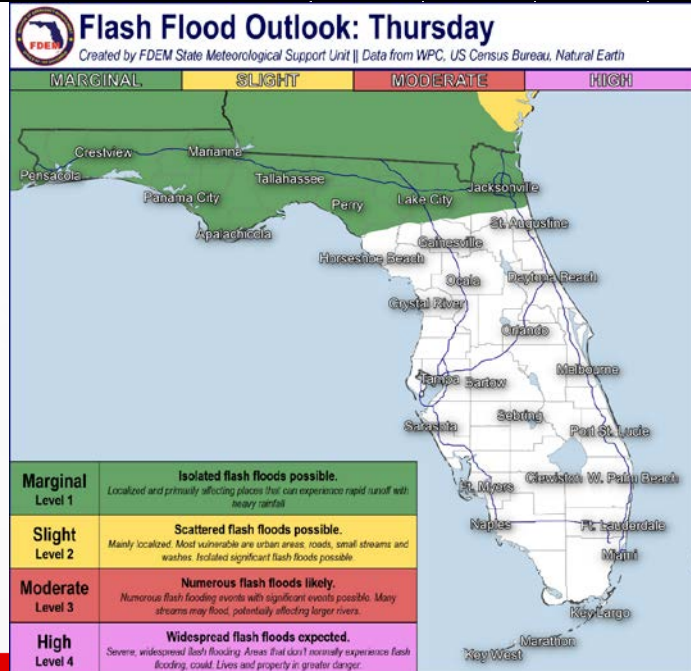


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	M	H	H	H	L	L	L	L	M	L
Tornado										
Damaging Wind										
Hail										
Excessive Heat	L		L	L	L	M	L	L	L	M
Flash Flooding	L	L	L	L						
Wildfire										
Fog (Overnight)					L					
Rip Currents	M	M	L	M	M	L		M	L	H
Lake Okeechobee Elevation:	13.56 ft. (0.13 ft. Below Normal)									
Keetch-Byram Drought Index:	189 (-11) on a scale from 0 (very moist) to 800 (very dry)									





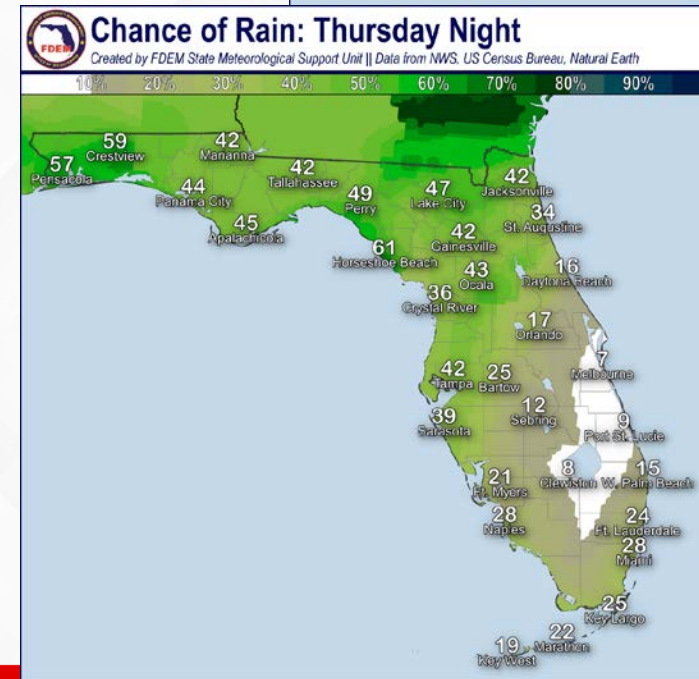
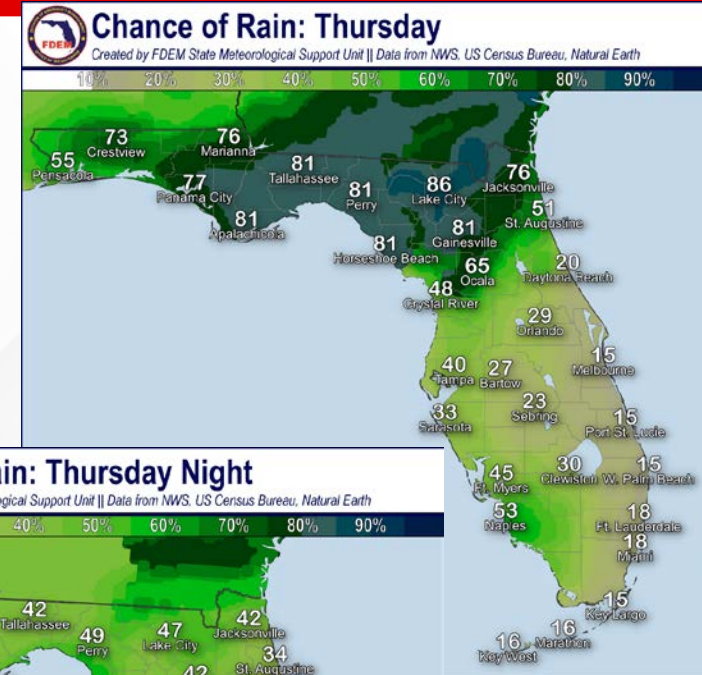
Meteorology Summary

Statewide Overview, Next 24 Hours:

A moist air mass remaining in place over North Florida and a weak frontal boundary draped across the Florida Panhandle will continue to support an active summertime weather pattern today. Scattered to numerous showers and thunderstorms can be expected along and ahead of the frontal boundary and sea breeze boundaries across North Florida this afternoon and evening, some of which may be slow-moving or training in nature (50-85% chance of rain). The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Florida Panhandle and extending eastward along the I-10 Corridor where heavy downpours could produce **localized flooding** at times. Drier air and high pressure across Central and South Florida will keep rain chances lower with only a few isolated to widely scattered showers and thunderstorms anticipated along the sea breezes this afternoon (15-45% chance of rain). The greatest coverage for these showers and thunderstorms will be along the western Peninsula where the Atlantic sea breeze is able to push further westward compared to the Gulf sea breeze. Organized severe weather is not anticipated, but any thunderstorm that develops over the state could become **strong to severe**. Any **strong to severe thunderstorm** that develops could produce frequent lightning, gusty winds (40-50 mph) and heavy downpours.

Warm and muggy conditions can be expected statewide throughout the day. High temperatures will reach the upper 80s to middle 90s this afternoon. **Heat index values** will reach the **upper 90s to triple digits (100-106)**. The “coolest” conditions can be expected across the Big Bend with heat indices in the low to middle 90s due to earlier onset of cloud cover and thunderstorms. **Heat Advisories** are in effect for Miami-Dade and Broward counties until this evening as **heat indices of 102-105-degrees** are anticipated. Other localized areas could **briefly see heat index values reach Heat Advisory criteria** during the afternoon before cloud cover or thunderstorms move in overhead.

Low temperatures will remain in the middle 70s to middle 80s overnight. Scattered showers and thunderstorms will persist into the overnight hours across North Florida and along the Nature Coast (40-60% chance of rain) but gradually dissipate elsewhere (10-35% chance of rain). **Areas of locally patchy fog** may develop overnight and early Friday morning following rainfall and calm conditions developing overnight.

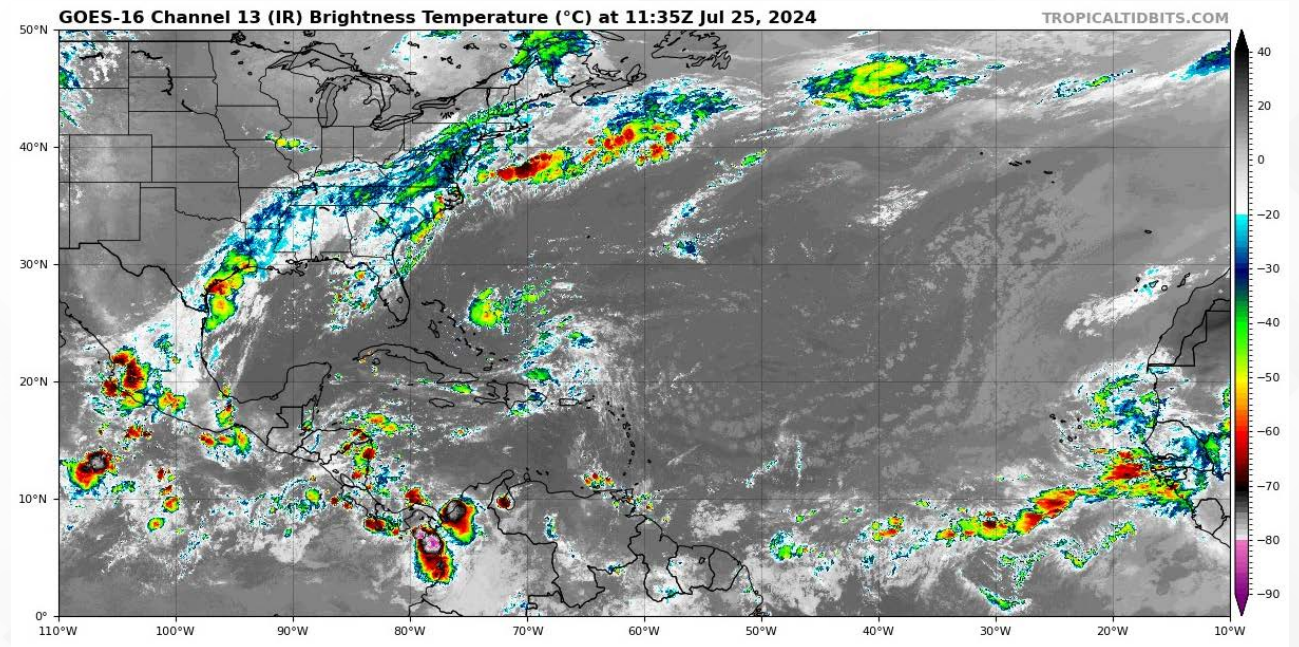
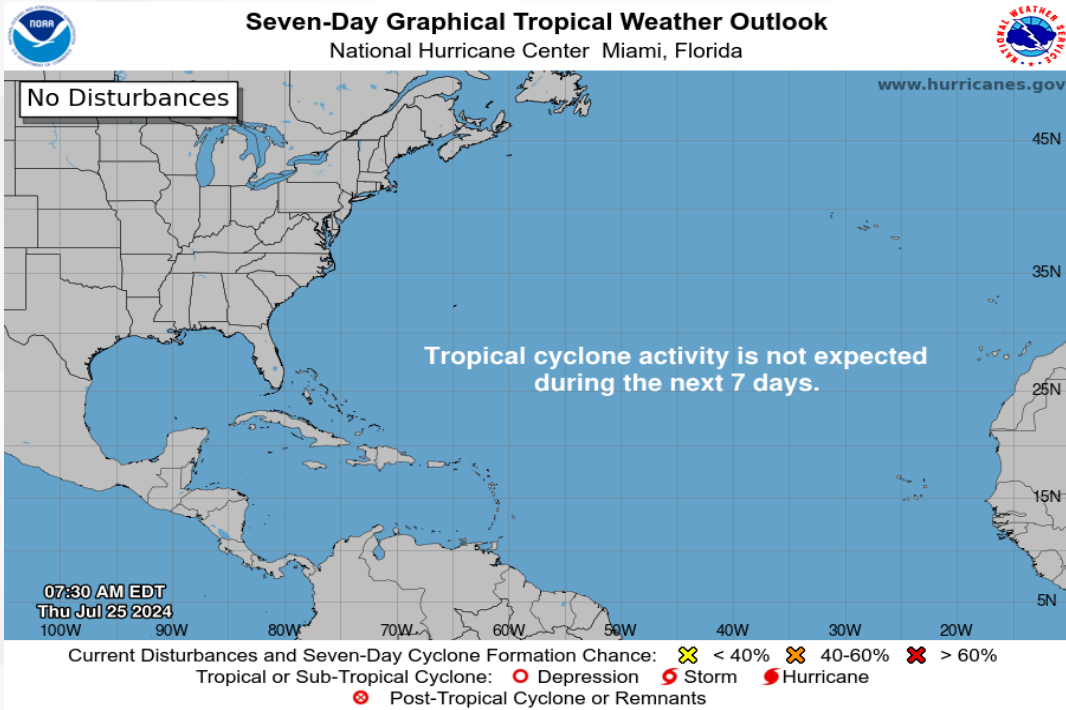




Tropical Weather

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

Tropical cyclone development is *not expected* during the next 7 days.





Coastal Hazards & Hydrology

Rip Currents: Florida East Coast beaches can expect a **moderate to high risk for rip currents** due to persistent and locally stronger onshore winds. Numerous Panhandle beaches can still expect to see a **moderate risk for rip currents**. The West Coast continues to see a low risk for rip currents. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: 2-4' **wave heights** will persist today along the Florida Atlantic Coast today while the rest of the state continues to see 1-2' wave heights with **locally 3' waves** possible further offshore.

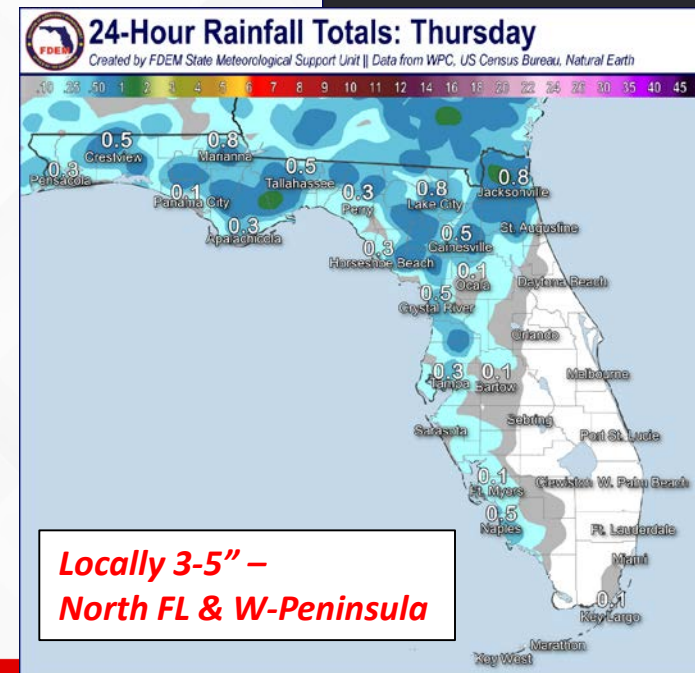
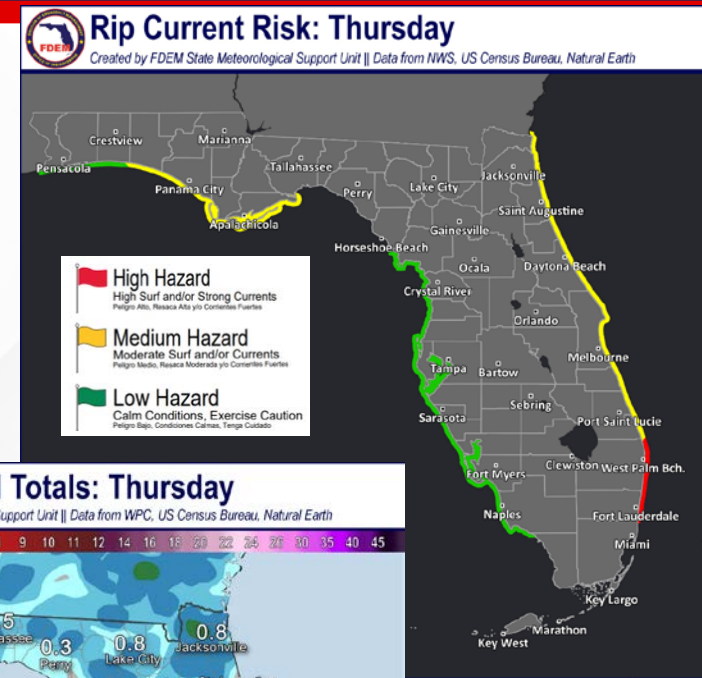
Red Tide has not been observed at or above background levels over the past week (as of 7/19).

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

Flash Flooding: The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Florida Panhandle and extending eastward along the I-10 Corridor as a very moist airmass lingering over North Florida ahead of a near stationary front draped over the Southeast U.S. will likely bring widespread heavy rainfall. Abundant moisture will give way to scattered to numerous thunderstorms, with some of them producing potentially heavy and torrential downpours at times. Heavy downpours and rainfall rates could bring **localized flooding** for urban and low-lying/poor drainage areas. Any slow-moving or training thunderstorms will also create the potential for **localized flash flooding** for areas. Saturated grounds and soils locally may increase the potential for **localized flooding** with the additional onset of heavy rainfall throughout the day. Any thunderstorm across the state will be capable of producing heavy downpours that lead to **localized flooding**. Rainfall totals of 1-2" can be expected with **locally higher totals** upwards of 3-5" possible across North Florida and the Western Peninsula.

Riverine Flooding: All Florida rivers, creeks and waterways remain below flood stage. The [Shoal River near Mossy Head \(CR-1087\)](#) has risen into Action Stage (bank-full) in response to recent heavy rainfall; however, water levels are forecast to quickly fall today. Additional rainfall could lead to local rises in water levels; however, it will depend on where the heaviest rainfall occurs and how much. There are no additional riverine concerns. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 13.56 feet, which is within the operational band and 0.13 feet below normal for this time of year.





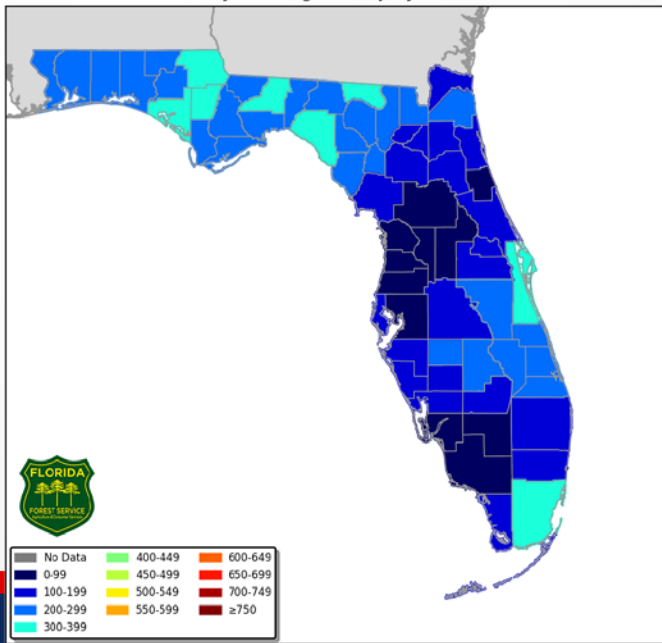
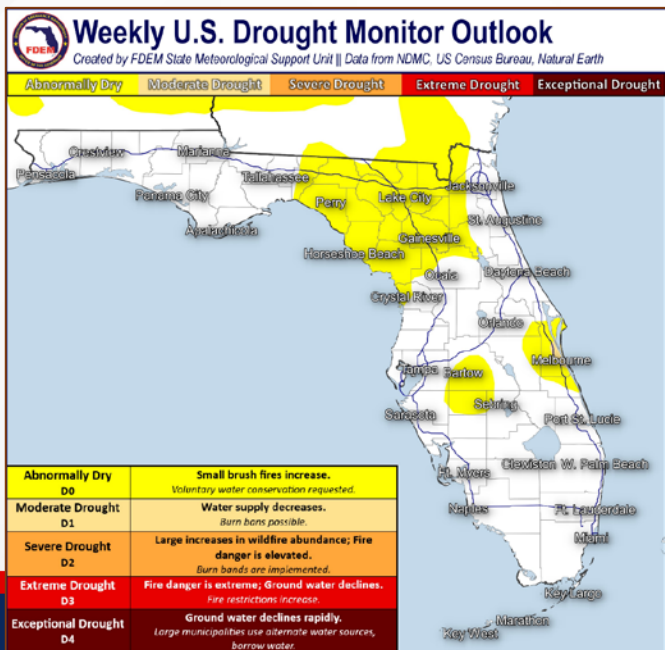
Drought & Fire Weather

Fire Weather: Southeasterly to southerly winds will continue to stream northward from the tropics, keeping conditions muggy. Drier conditions for Central and South Florida can be anticipated as the high pressure over the western Atlantic extends into the Peninsula. Abundant moisture across North Florida will allow for scattered to numerous showers and thunderstorms along and ahead of the frontal boundary and the sea breeze boundaries this afternoon and evening. Adequate moisture at the ground level will keep relative humidity values above critical thresholds and will help allow for isolated to scattered showers and thunderstorms to develop with the sea breezes across Central and South Florida. *Thunderstorms throughout the day will be capable of producing frequent lightning and erratic winds.* **Areas of patchy to locally dense fog** cannot be ruled out early Friday morning due to recent rainfall and calm overnight conditions. *Foggy conditions may further reduce visibility where there are ongoing wildfires.* According to the [Florida Forest Service](#), there are 21 active wildfires across the state burning approximately 284 acres.

Drought: While above-normal temperatures have persisted over the past week, heavy rainfall across portions of North Florida have allowed drought conditions to improve on this week's drought monitor update (7/25). **Moderate drought conditions** have been entirely removed from North Florida and abnormally dry (emerging drought) conditions have been removed from the Northeast Coast and Western Big Bend. Abnormally dry conditions remain in place across the Eastern Big Bend and Suwannee Valley. Drought conditions have also begun to improve south of the I-4 corridor in Central Florida with only localized areas of abnormally dry conditions remaining between Bartow and Sebring and near Melbourne. An isolated pocket of **moderate drought conditions** persists near Melbourne. Above normal temperatures and slightly above normal rainfall are expected across much of the state over the next week.

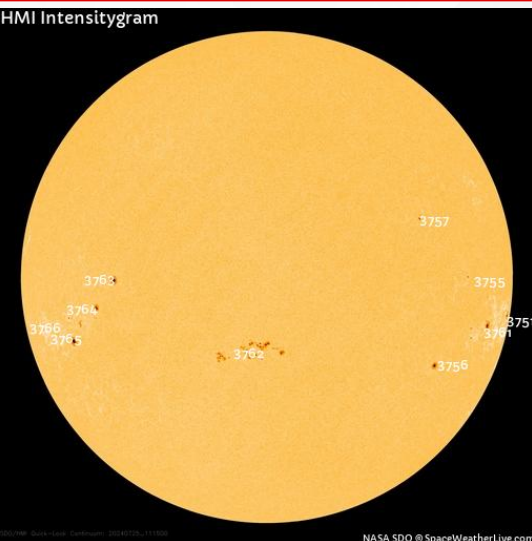
The Keetch-Byram Drought Index average for Florida is **189 (-11)** on a scale from 0 (very wet) to 800 (very dry). There are **no** Florida Counties with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for July 24, 2024

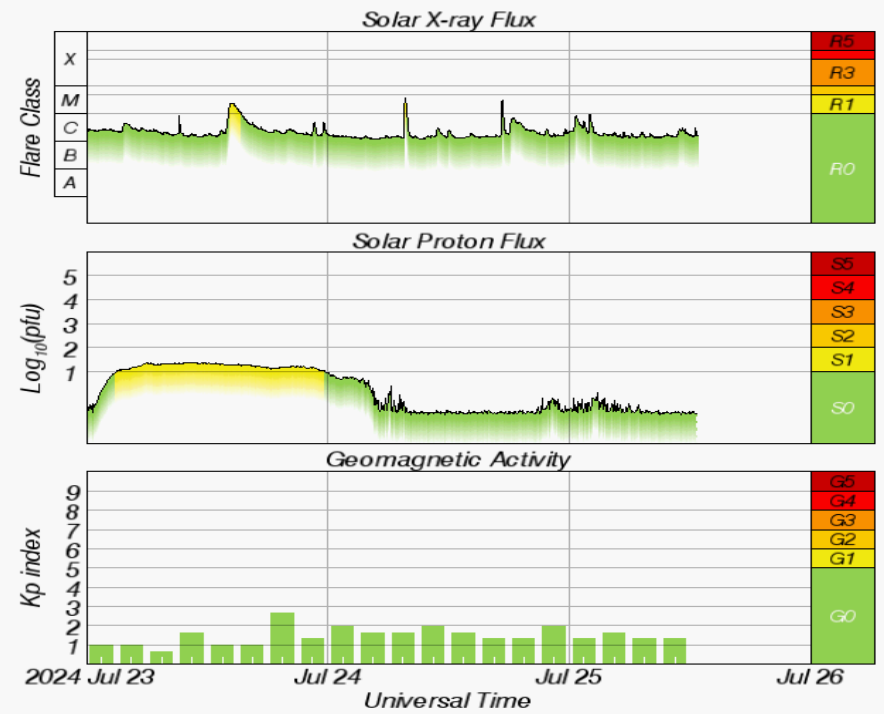




Space Weather

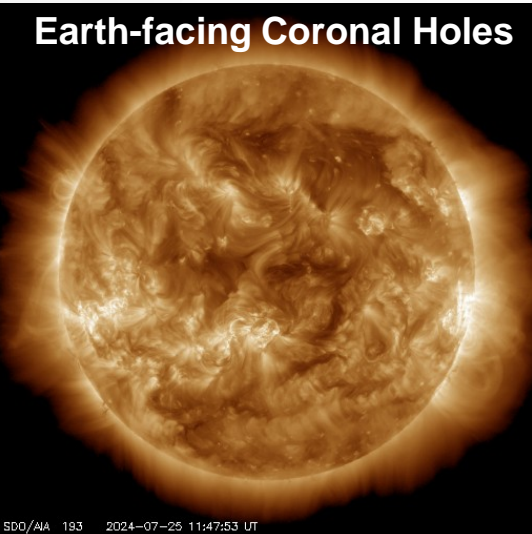


Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 60%	Geomagnetic Storm: None	M2 Solar Flare
X-class: 10%	Radiation Storm: None	R1 Radio Blackout

48-Hour Geomagnetic Forecast	
7/25	7/26
Max Kp= 4 (G0)	Max Kp= 4 (G0)
Chance of minor activity = 10% severe activity = 1%	Chance of minor activity = 10% severe activity = 1%



Space Weather: Solar activity is likely to be at moderate levels with strong (M-class) flares and a slight chance for significant (X-class) flares. Minor to moderate (R1-R2) radio blackouts can be expected with M-class flares and strong (R3) radio blackouts will likely accompany X-class solar flares. Active sunspot #3762 contains a magnetic field that contains energy for X-class solar flares. There is a slight chance for minor (S1) solar radiation storms as the complex of spots consisting of sunspots #3751 and #3761 rotates onto the western limb. Influences on the solar wind environment from the Coronal Mass Ejection (CME) that left the Sun on 7/21 will continue early today. Shock enhancements to the solar wind environment are likely by late Friday from a CME departing the eastern limb on early 7/23. An early, isolated active period cannot be ruled out today as CME influences wane. Otherwise, mostly quiet conditions are expected to persist through Friday before increasing to unsettled to active levels with any shock arrival from the 7/23 east limb event. The overall space 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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