



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Friday, July 26, 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	Matthew Peloso	(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	Out of Service	Region 2 FSE After Action Meeting / Leave (See Coverage)
Region 3: Glen Hammers	Columbia	Region 2 FSE After Action Meeting
Region 4: James Carter	Volusia	Capabilities Assessment
Region 5: Austin Beeghly	Volusia	Capabilities Assessment
Region 6: Paul Siddall	Hillsborough	ESF-8 Meeting
Region 7: Cristian Rivera	Polk	Region 7 Response & Recovery Coordinators Meeting
Region 8: Vacant	N/A	N/A
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Out of Service	Leave (See Coverage)



Region 1 Coverage Provided by Recovery Coordinator 1
 Region 2 Coverage Provided by Recovery Coordinator 2
 Region 8 Coverage Provided by Recovery Coordinator 8
 Region 9 Coverage Provided by Recovery Coordinator 9
 Region 10 Coverage Provided by Response Coordinator 7

Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

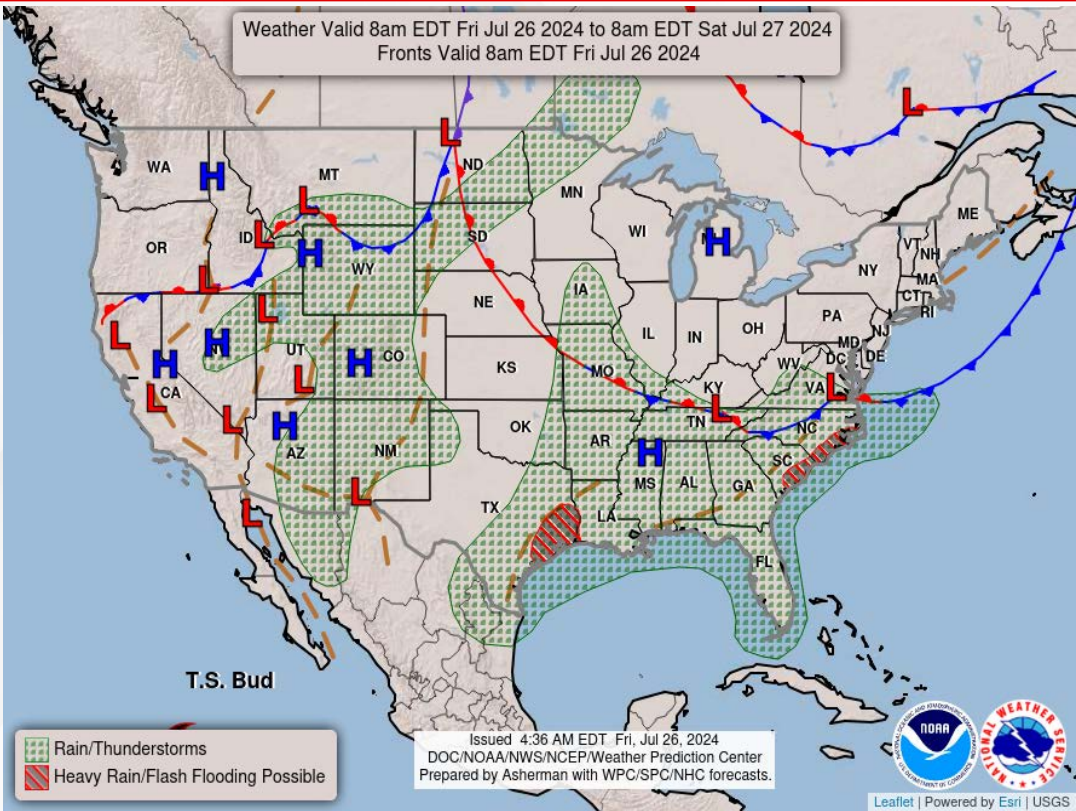
Team	County Location	Status / Activities
Region 1: Allison Blevins	Okaloosa	Technical Assistance Support
Region 2: Justin Lazzara	Leon	Vehicle Maintenance
Region 3: Patrick James	Alachua	Office / Admin
Region 4: Joshua Saunders	Out of Service	Leave (See Coverage)
Region 5: Elizabeth Caison	Lee	FEPA Mid-Year
RRCT Manager	Hillsborough	New Employee On-Boarding
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	Hillsborough	New Employee On-Boarding
Region 8: Ja-Pheth Butler-Miller	Indian River	Office / Admin
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

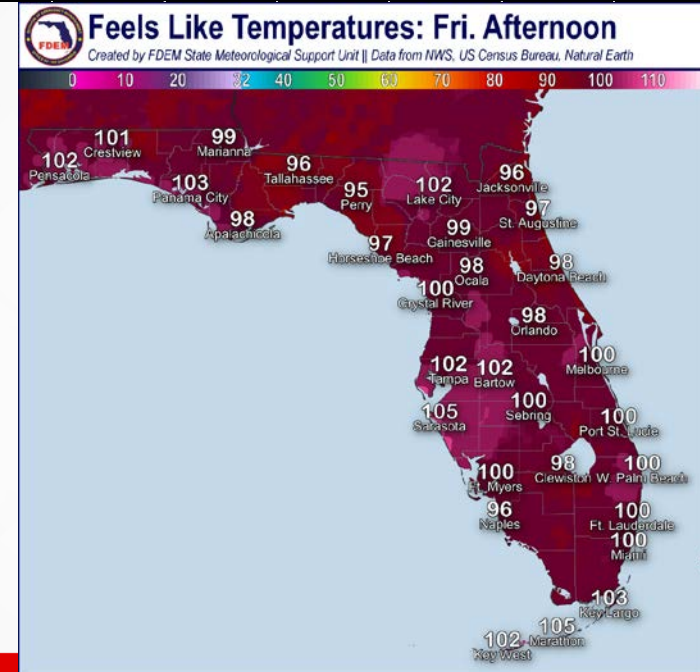
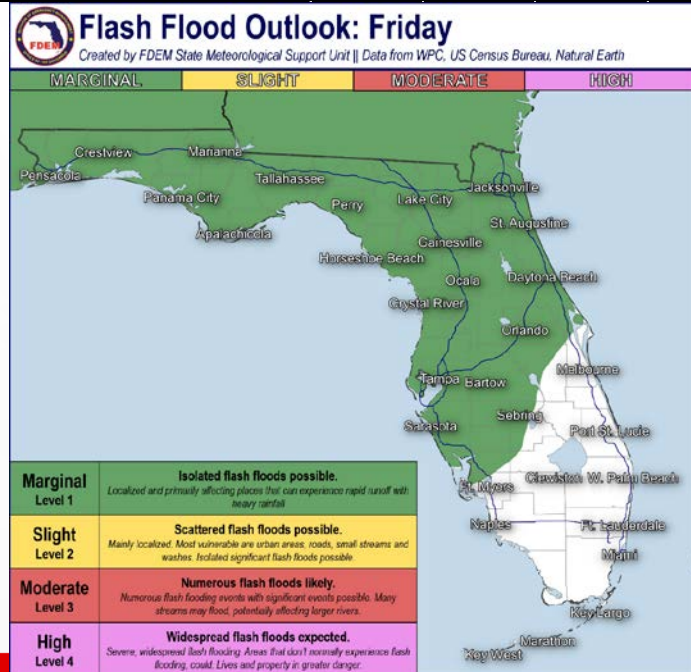


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	M	M	H	H	M	H	M	L	M	L
Tornado										
Damaging Wind										
Hail										
Excessive Heat	L	L	L	L	L	M	L	L	L	M
Flash Flooding	L	L	L	L	L	L	L		L	
Wildfire										
Fog (Overnight)										
Rip Currents	M	M	L	M	M	L		M	L	L
Lake Okeechobee Elevation:	13.55 ft. (0.16 ft. Below Normal)									
Keetch-Byram Drought Index:	172 (-17) on a scale from 0 (very moist) to 800 (very dry)									





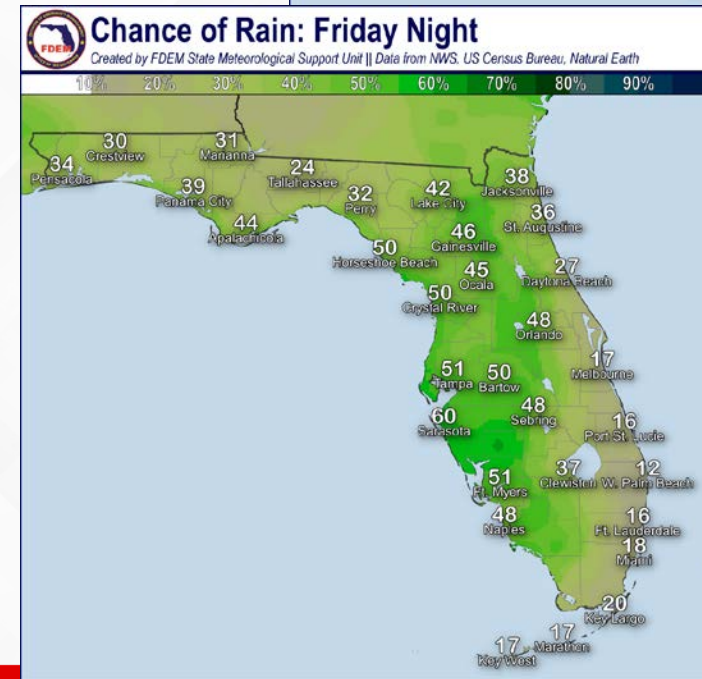
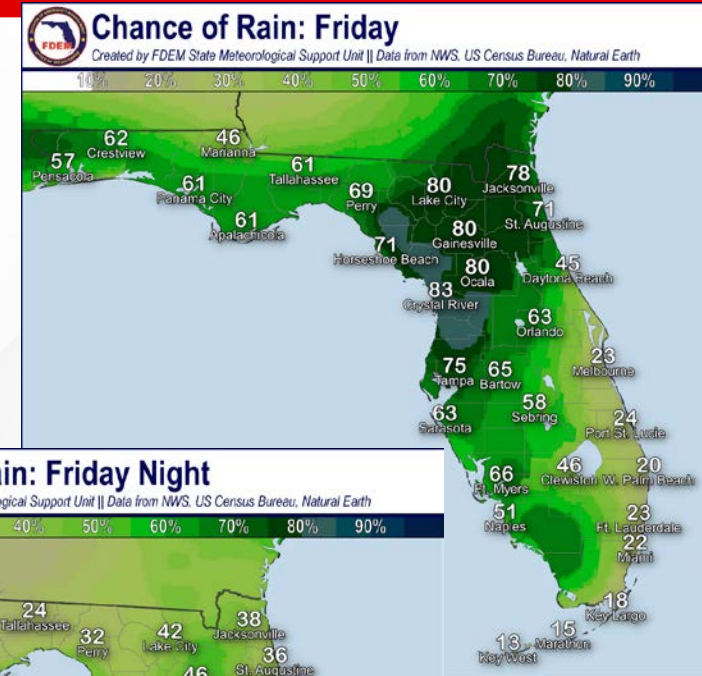
Meteorology Summary

Statewide Overview, Next 24 Hours:

High pressure building over the state combined with deep tropical moisture will drive daily showers and thunderstorms over the next few days. Despite slightly drier air along the Florida Panhandle than seen over the past few days, scattered to numerous showers and thunderstorms can be expected across North Florida with the sea breezes this afternoon and evening (60-85% chance of rain). With increasing moisture along the Peninsula, scattered showers and thunderstorms can be expected across Central and South Florida along the sea breeze boundaries this afternoon and evening, primarily over interior and western portions of the Peninsula as the Gulf and Atlantic sea breezes collide (45-75% chance of rain). The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across North Florida and portions of Central Florida where heavy downpours in slow-moving thunderstorms could produce **localized flooding** at times over urban and low-lying/poor drainage areas and over already saturated grounds. Plumes of **Saharan Dust** lingering along the Keys and the Southeast and Central-East Coasts will allow for only isolated activity with the sea breezes today (15-35% chance of rain). 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 (40-60 mph) and heavy downpours.

Cloud cover and rain-cooled air will keep high temperatures in the upper 80s to middle 90s across the state. **Heat indices** will reach the **upper 90s and triple digits (100-105)**. The “coolest” conditions can be expected across the Big Bend with heat indices in the middle to upper 90s due to saturated grounds and earlier onset of cloud cover and thunderstorms. 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. Showers and thunderstorms will linger into the early overnight hours as they follow the sea breeze boundaries back towards the coast and gradually dissipate (15-35% chance of rain). A few showers and thunderstorms will likely linger through the overnight hours across the Northern and Western Peninsula (40-60% chance of rain). **Areas of patchy to locally dense fog** cannot be ruled out overnight and early Saturday morning over saturated grounds thanks to calm conditions developing overnight.

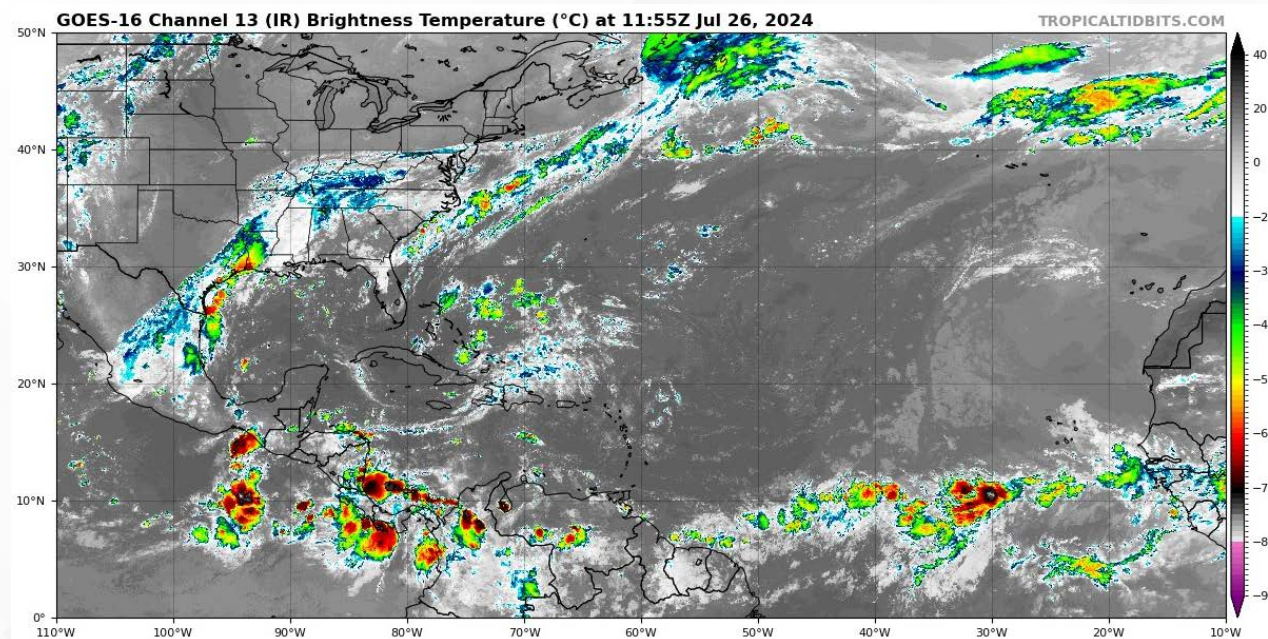
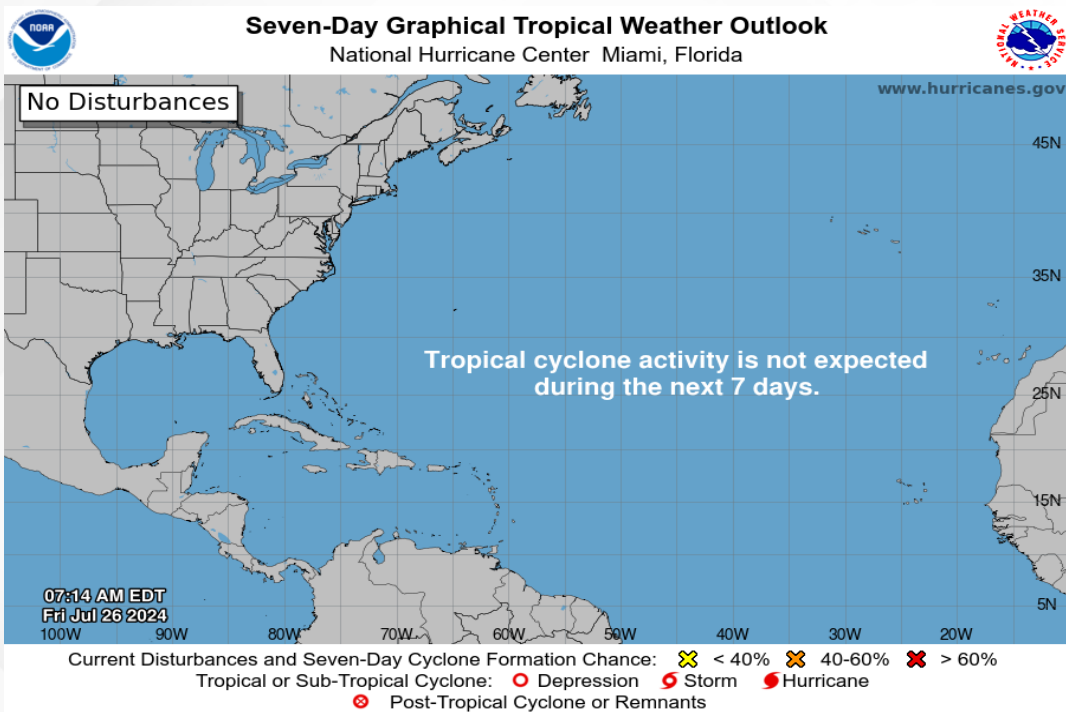




Tropical Weather

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: East Coast and Florida Panhandle beaches will continue to see a low to **moderate risk for rip currents** today while West Coast beaches can continue to expect a low risk. For the latest Rip Current Outlook, visit www.weather.gov/beach.

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

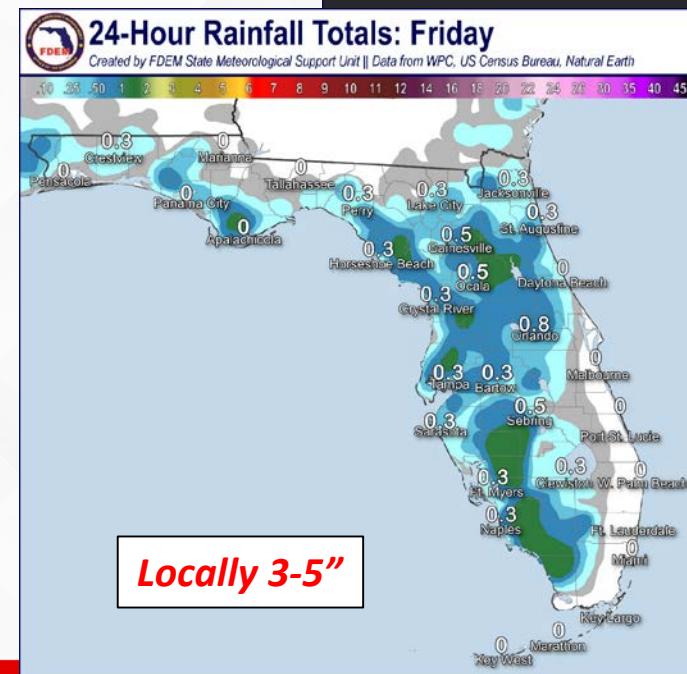
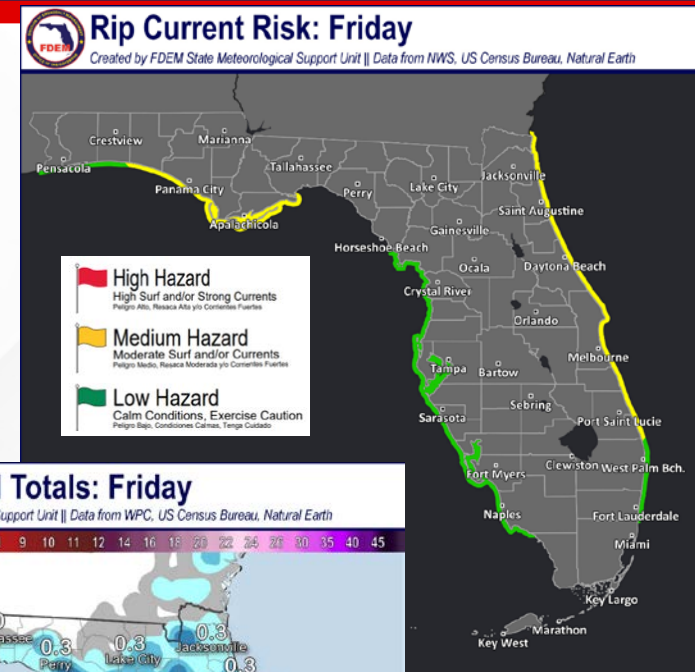
Red Tide has not been observed at or above background levels over the past week (as of 7/19).

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** across North Florida and portions of Central Florida as a very moist airmass lingering 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.

Riverine Flooding: All Florida rivers, creeks and waterways remain below flood stage. The **Shoal River near Crestview** has risen into Action Stage (bank-full) in response to recent heavy rainfall and water levels are forecast to continue gradually increasing over the next few days. 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 13.55 feet, which is within the operational band and 0.16 feet **below** normal for this time of year.





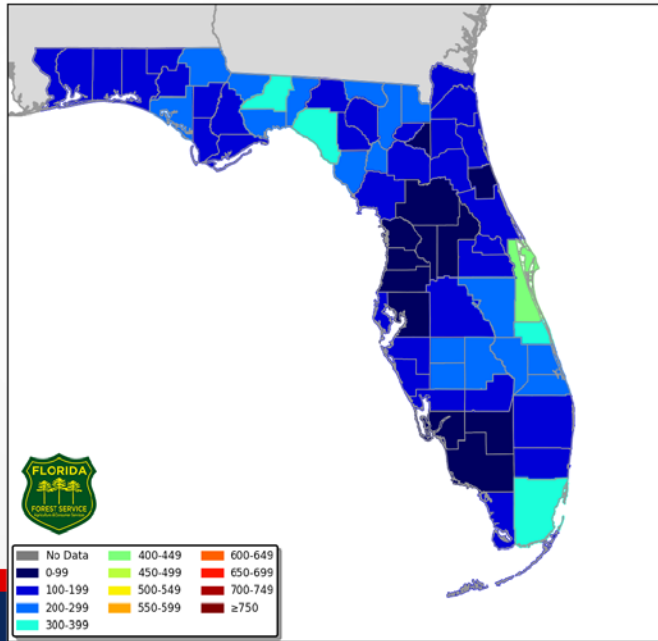
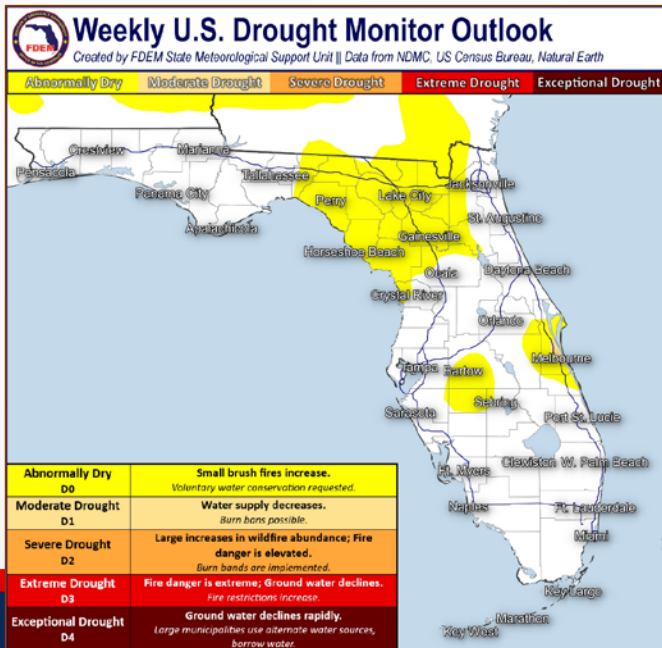
Drought & Fire Weather

Fire Weather: High pressure and deep tropical moisture will give way to scattered to numerous sea breeze showers and thunderstorms across the state today. *Thunderstorms throughout the day will be capable of producing frequent lightning and erratic winds.* This deep tropical moisture will keep relative humidity values well above critical thresholds. Plumes of **Saharan Dust** lingering along the Keys will limit shower and thunderstorm activity through the period; however, low-level moisture will keep relative humidity values above critical thresholds in the afternoons. Winds will remain light near 5-10 mph with wind gusts upwards of 10-15 mph developing in the afternoons with the sea breezes. **Areas of patchy to locally dense fog** cannot be ruled out overnight and early Saturday morning over saturated grounds. *Foggy conditions may further reduce visibility where there are ongoing wildfires.* According to the [Florida Forest Service](#), there are 19 active wildfires across the state burning approximately 234 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.

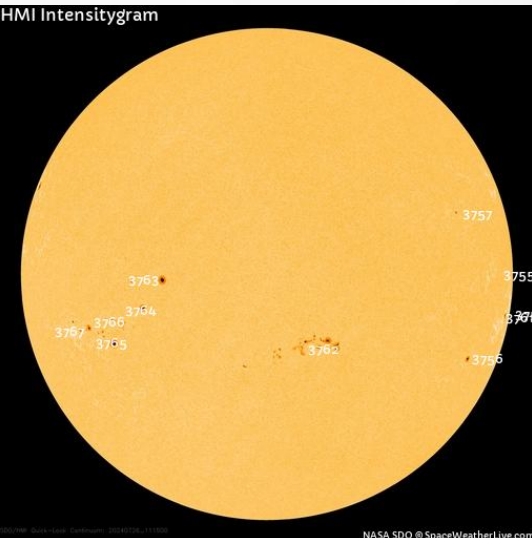
The Keetch-Byram Drought Index average for Florida is **172 (-17)** on a scale from 0 (very wet) to 800 (very dry). There are **no** Florida Counties with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for July 25, 2024

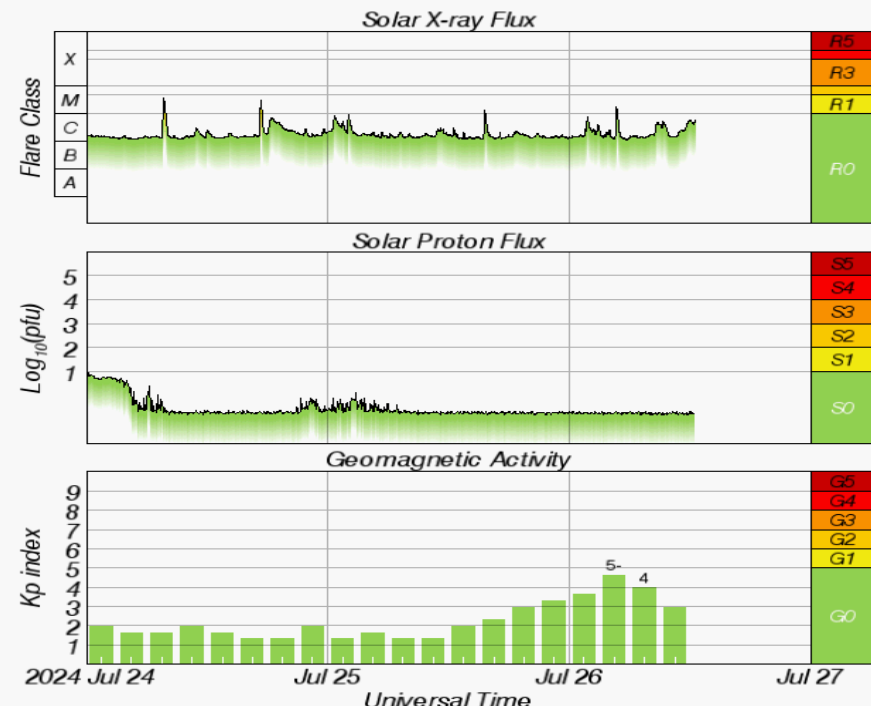
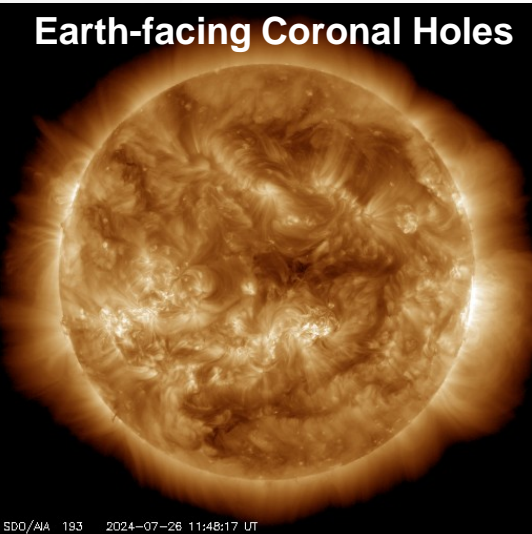




Space Weather



Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 60%	Geomagnetic Storm: None	M1 Solar Flare
X-class: 10%	Radiation Storm: None	R1 Radio Blackout

48-Hour Geomagnetic Forecast	
7/26	7/27
Max Kp= 4 (G0)	Max Kp= 5 (G1)
Chance of minor activity = 10% severe activity = 1%	Chance of minor activity = 25% severe activity = 5%

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 today and through the weekend. 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 of the Sun. Current enhancements to the solar wind environment are likely to continue through the first half of today. An additional shock enhancement to the solar wind environment from a Coronal Mass Ejection (CME) departing the eastern limb of the Sun on 7/23 is likely by late today. Further enhancements are likely Saturday due to glancing CME influences from a minor (C-class) flare that left the Sun on 7/23. Unsettled to active geomagnetic conditions are expected today due to Solar Sector Boundary Crossing (SSBC) effects followed by any shock influences from the 7/23 east limb event. Minor (G1) geomagnetic storming is likely to commence early on Saturday with any glancing effects from the 7/23 CME. 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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