



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Tuesday, July 23, 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	Caleb Pitts	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Zachary Remante	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Cassi Farestvedt	(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	Region 8 Position Admin / County Grants Update Meeting
Region 3: Glen Hammers	Columbia	Vehicle Maintenance / Equipment Testing
Region 4: James Carter	Duval	Resource Management Training
Region 5: Austin Beeghly	Orange	Disney Full Scale Exercise (Overnight)
Region 6: Paul Siddall	Hillsborough, Leon	Travel to Region 2 (FDEM HQ)
Region 7: Cristian Rivera	Polk	SWFHCC Meeting
Region 8: Vacant	N/A	N/A
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Miami-Dade	Office Admin



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

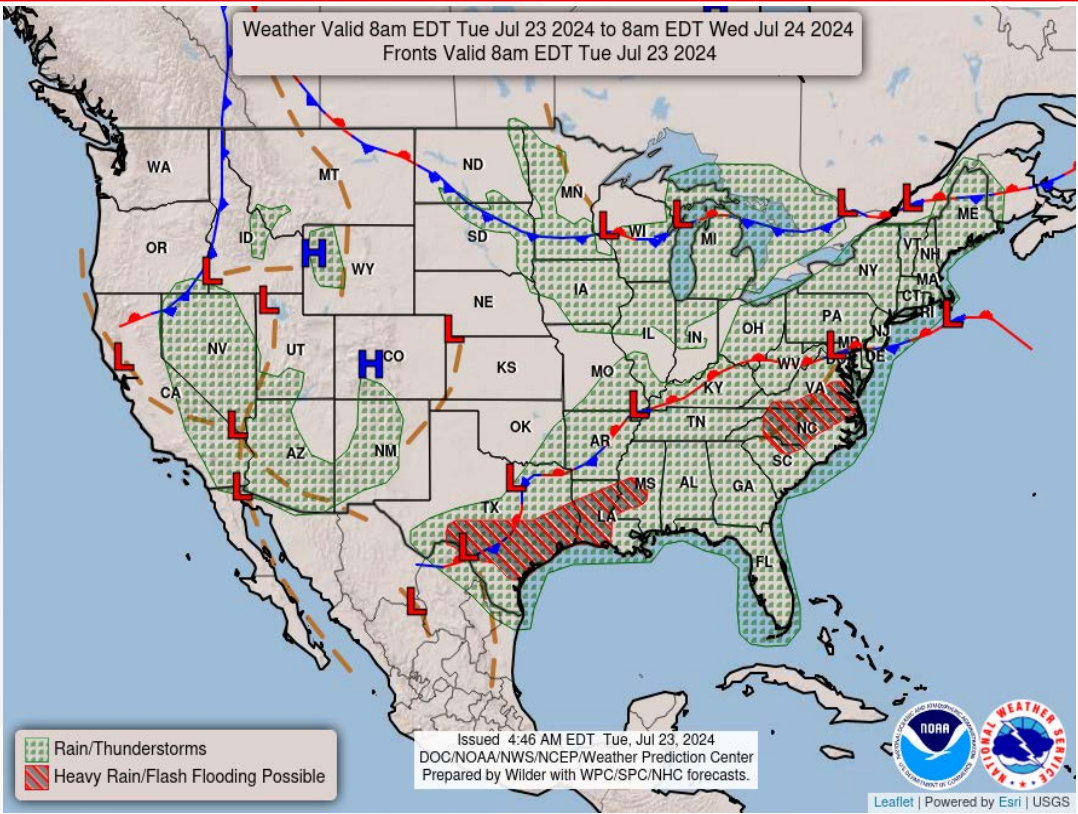
Team	County Location	Status / Activities
Region 1: Allison Blevins	Washington	Instructing - FL Recovery
Region 2: Justin Lazzara	Wakulla	SBA Rural Assessments
Region 3: Patrick James	Orange	Internal Stakeholders Meeting
Region 4: Joshua Saunders	Clay	Office/Admin
Region 5: Elizabeth Caison	Orange	Internal Stakeholders Meeting
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	Instruction Preparation
Region 9: Kathryn Thompson	Lee	Training - G318
Region 10: Dana McGeehan	Out of Service	Leave (See Coverage)

Region 10 Counties will be covered by Recovery Coordinator 8

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

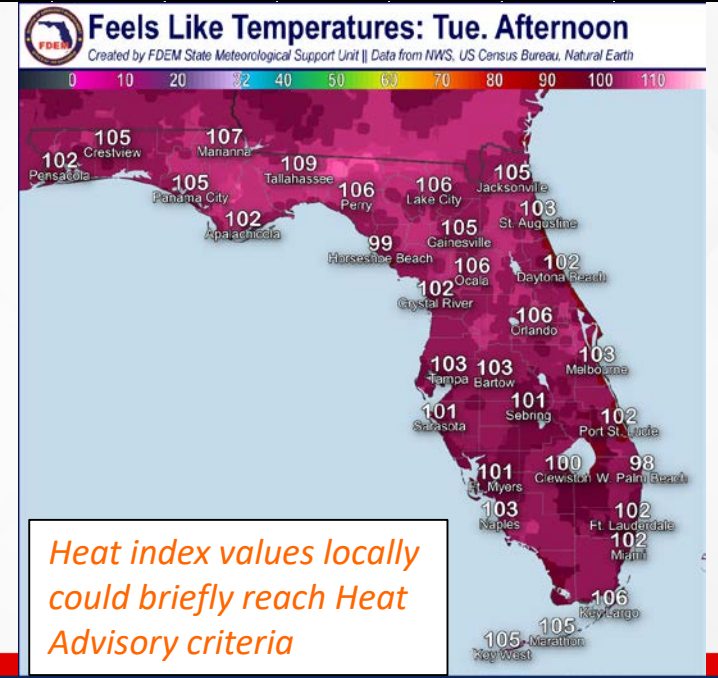
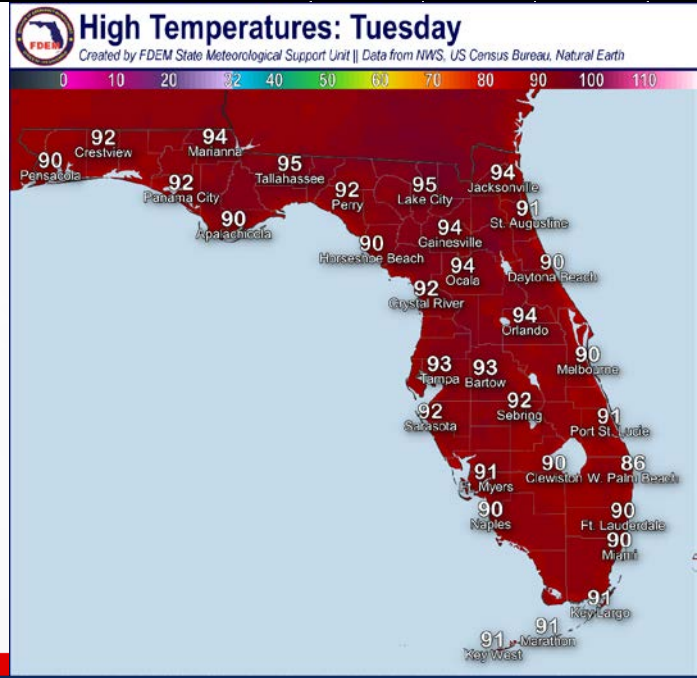


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	L	L	M	M	M	M	M	M	M	M
Tornado										
Damaging Wind										
Hail										
Excessive Heat	L	M	M	M	L	L	L	L	L	M
Flash Flooding										
Wildfire										
Fog (Overnight)										
Rip Currents	M	M	L	M	M	L		M	L	M
Lake Okeechobee Elevation:	13.55 ft. (0.11 ft. Below Normal)									
Keetch-Byram Drought Index:	215 (-3) on a scale from 0 (very moist) to 800 (very dry)									



Heat index values locally could briefly reach Heat Advisory criteria



Meteorology Summary

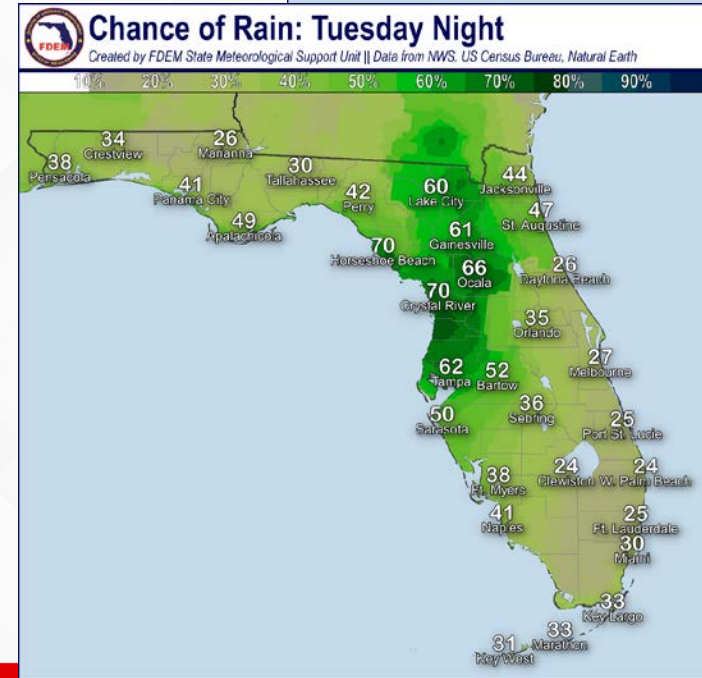
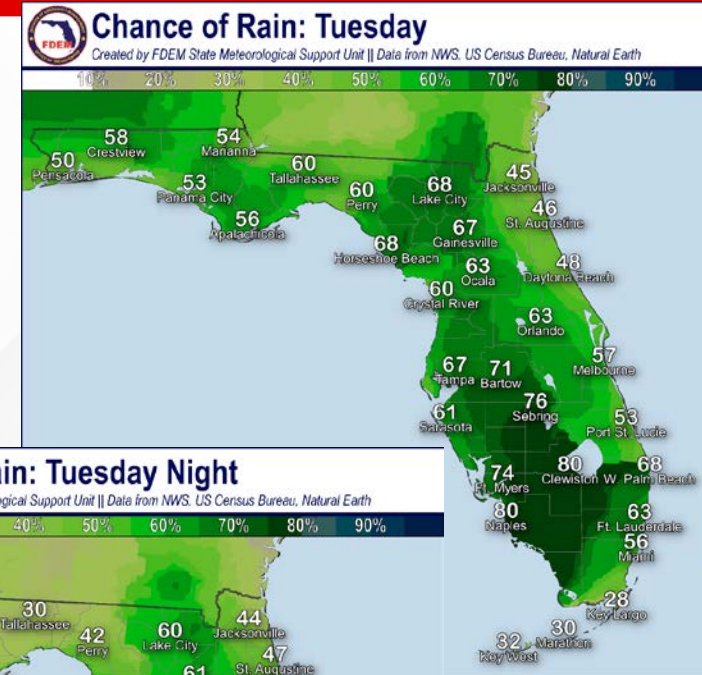
Statewide Overview, Next 24 Hours:

High pressure over the western Atlantic and Bermuda will be the main feature driving the weather pattern across the Sunshine State. A few isolated showers and thunderstorms have developed this morning along the coastal Big Bend and will attempt to push onshore and inland throughout the morning hours. Southerly to southeasterly winds will continue to bring moisture northward, allowing for scattered to numerous showers and thunderstorms to develop during the peak heating hours of the afternoon and evening (55-80% chance of rain). A tropical wave approaching from the Bahamas will bring an increase in showers and thunderstorms this morning across portions of South Florida and the Keys before daytime heating allows for additional showers and thunderstorms to develop. Lingering **Saharan Dry Air** along eastern portions of the Peninsula, mainly the I-95 corridor and east towards the coastline, may keep shower and thunderstorm activity more isolated to scattered in nature compared to other areas across the state. Organized severe weather is not anticipated today; however, **locally strong to severe thunderstorms** may develop during the peak heating hours of the day. Any of these **strong to severe thunderstorms** that develop will be capable of producing frequent lightning, gusty winds (40-60 mph) and heavy downpours. Abundant moisture aiding shower and thunderstorm development could bring instances of locally heavy rainfall that produce **localized flooding** across urban and low-lying/poor drainage areas at times.

Warm and muggy conditions can be expected to persist statewide as high temperatures will reach the low to middle 90s and **heat index values** return to **triple digits (100-109-degrees)**. While heat advisories have not been issued today, areas locally could see **brief periods of heat advisory criteria** this afternoon before cloud cover or thunderstorms move in overhead. *Conditions will continue to be monitored throughout the day to determine if heat advisories will be needed.*

Shower and thunderstorms activity will generally follow the sea breeze back towards the coastline later in the evening hours, dissipating and weakening after sunset. A few showers and thunderstorms may linger into the early overnight hours along portions of the coastline as they move towards the coastlines and offshore mainly along Nature Coast (20-40% chance of rain). Areas of **locally patchy fog** cannot be ruled out overnight and early Wednesday morning following rainfall earlier in the day and calm conditions developing overnight.

Low temperatures in the middle to upper 70s and low 80s can be expected overnight.

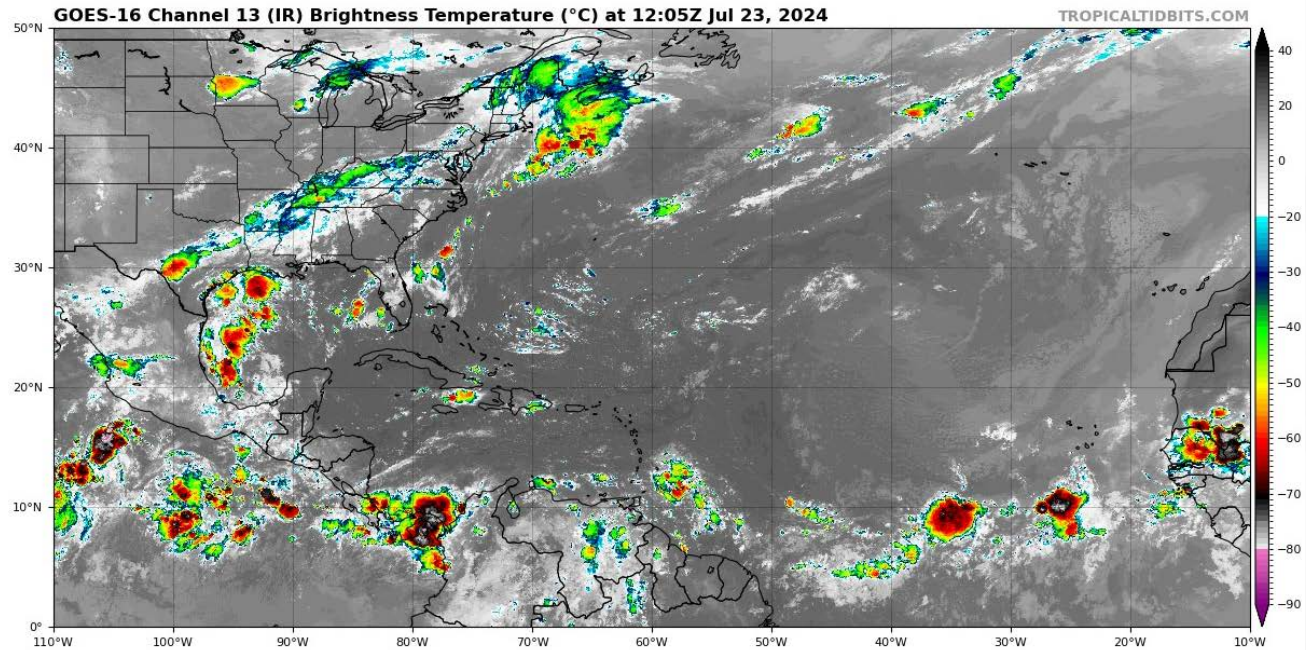
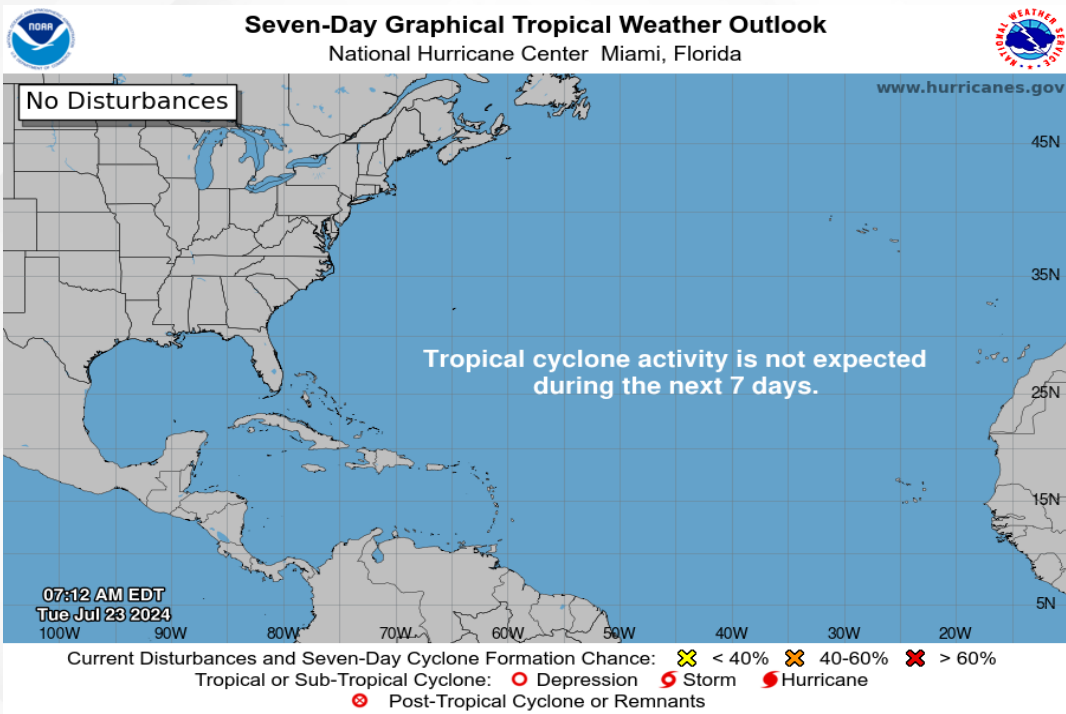




Tropical Weather

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: Persistent onshore winds will continue to keep a **moderate risk for rip currents** in place along numerous Panhandle and all Florida East Coast beaches. 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: Atlantic beaches, including Atlantic-facing Key beaches, can expect to see wave heights of 2-4' develop throughout the day. Panhandle and West Coast beaches will see wave heights of 1-2'.

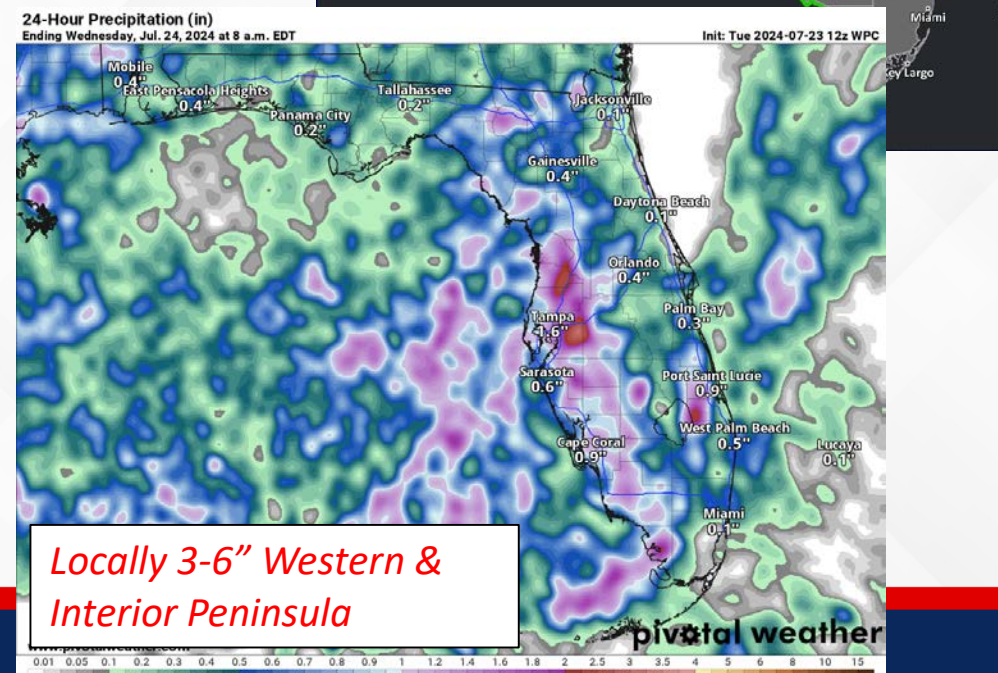
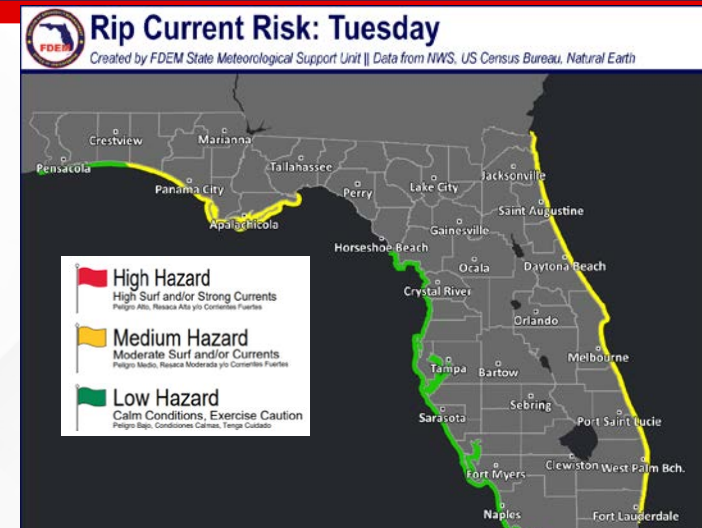
Red Tide has not been observed at or above background levels over the past week (as of 7/19).

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

Flash Flooding: While there is no organized risk for flash flooding, plentiful moisture will aid shower and thunderstorm development leading to possible heavy downpours at times. These heavier downpours could bring locally heavy rainfall at times which may create instances of localized flooding for urban and low-lying/poor drainage areas. Any slow-moving thunderstorms or multiple thunderstorms over the same areas could also bring heavy rounds of rainfall over the same areas, which could create instances of localized flash flooding at times. Saturated grounds and soils from previous rainfall may exacerbate the potential for additional localized flooding during heavy downpours. Rainfall totals of 1-2" can be expected, with locally higher totals upwards of 3-5" possible along the western and interior Peninsula.

Riverine Flooding: All Florida rivers, creeks and waterways remain below flood stage. [Fisheating Creek at Palmdale](#) is near Action Stage (bank-full), but water levels are forecast to hover near Action Stage and below flood stage for 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 0.11 feet below normal for this time of year.





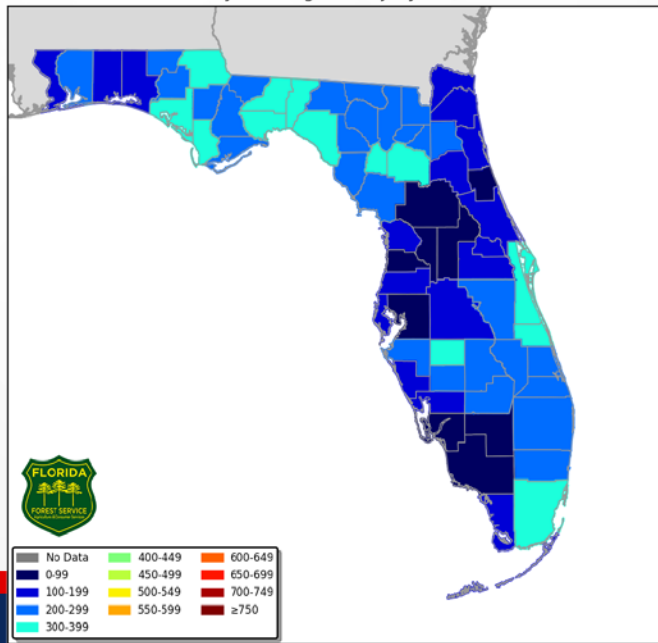
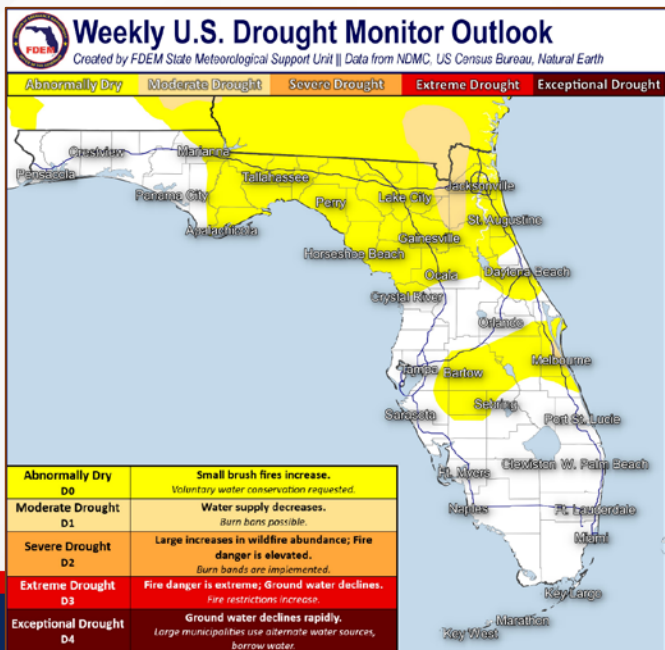
Drought & Fire Weather

Fire Weather: High pressure over Bermuda continues to bring tropical moisture northward across the state, which will allow for daily showers and thunderstorms to develop during the peak heating hours of the day. A tropical wave approaching from the Bahamas will bring an uptick in shower and thunderstorm activity earlier in the day compared to the rest of the state, before becoming more widespread with daytime heating. *Thunderstorms will be capable of producing frequent lightning and erratic winds.* Lingering pockets of **Saharan Dry Air** will produce isolated pockets of lighter shower and thunderstorm activity along the I-95 corridor and the Peninsula. Relative humidity values will remain above critical thresholds with the help of tropical moisture. **Areas of locally patchy fog** may develop overnight and early Wednesday morning. *Foggy conditions may further reduce visibility where there are ongoing wildfires.* According to the [Florida Forest Service](#), there are 25 active wildfires across the state burning approximately 270 acres.

Drought: Spotty showers and above-normal temperatures (3-5-degrees above normal) have led to only minimal changes in drought conditions on this week's drought monitor update (7/18). Drought conditions improved slightly across Central Florida; however, abnormally dry (*emerging drought*) conditions remain in place south of I-4 from Hillsborough County to the East Coast with a pocket of **moderate drought** lingering near Melbourne. Drought conditions have worsened some in the Big Bend and Northern Peninsula where temperatures have remained well above-average over the past week. Abnormally dry conditions are in place across the Big Bend and Northern Peninsula with a large pocket of **moderate drought** conditions between I-95 and I-75. Above normal temperatures and slightly above normal rainfall are expected across much of the state over the next week.

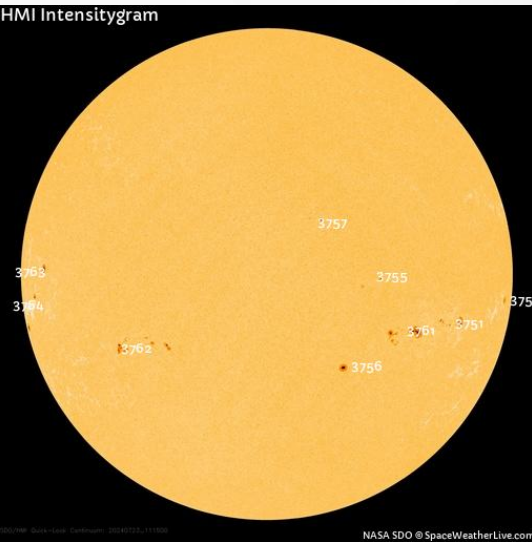
The Keetch-Byram Drought Index average for Florida is **210 (-3)** on a scale from 0 (very wet) to 800 (very dry). There are **no** Florida Counties with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for July 22, 2024

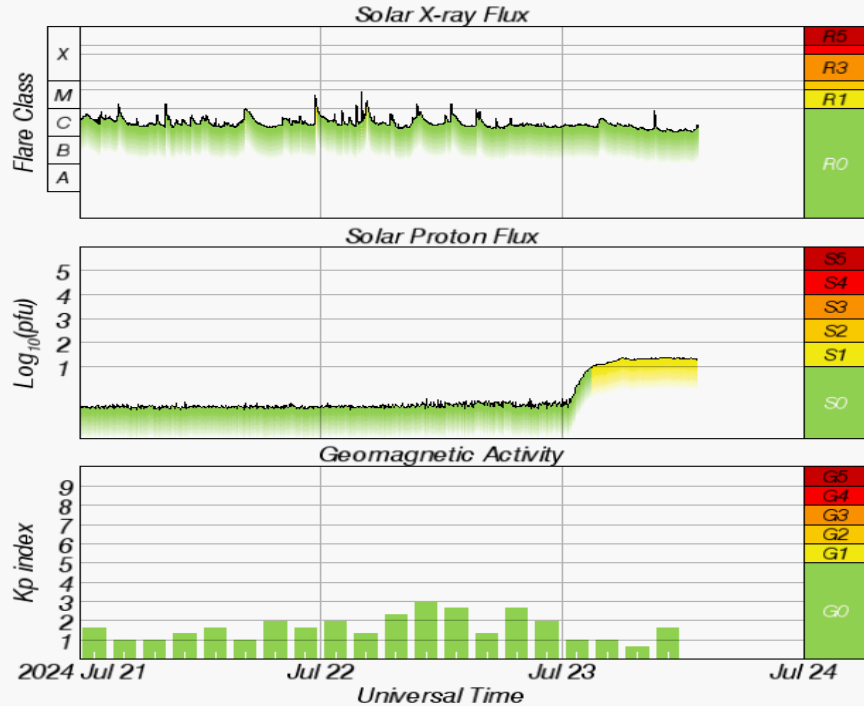




Space Weather



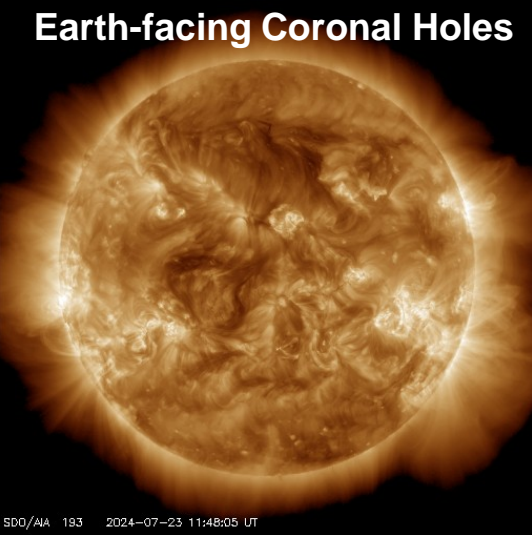
Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 60%	Geomagnetic Storm: G2 Watch – 7/24	M1 Solar Flare
X-class: 15%	Radiation Storm: None	R1 Radio Blackout

48-Hour Geomagnetic Forecast	
7/23	7/24
Max Kp= 3 (G0)	Max Kp= 6 (G2)
Chance of minor activity = 10% severe activity = 1%	Chance of minor activity = 35% severe activity = 20%

Space Weather: Solar activity will continue at moderate levels with strong (M-class) flares possible and a slight chance for significant (X-class) flares. Any M-class flares that develop will be capable of producing minor to moderate (R1-R2) radio blackouts, and any X-class flares that develop could produce strong (R3) radio blackouts. Active sunspot #3762 contains a magnetic field that harbors energy for X-class flares and could also produce minor (S1) solar radiation storms. Solar wind conditions will remain near or at nominal levels through today. A Coronal Mass Ejection (CME) left the sun on 7/21 and is anticipated to approach or graze the Earth's geomagnetic field late tonight or early Wednesday morning. The Earth's geomagnetic field is likely to reach quiet to unsettled levels today before increasing to active periods tomorrow and producing minor to moderate (G1-G2) geomagnetic storming conditions. A G2 Watch is in effect for tomorrow. The overall space threat to Florida is 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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