



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Saturday, May 11, 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	Jeremy Whitt	(850) 755-8521	Jeremy.Whitt@em.myflorida.com
Operations Officer- Day	Lauren Warfield	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Matthew Peloso	(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	Skyler Warren	(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	In Region	On-Call Status
Region 2: Willie Bouie	Leon	Severe Weather Response / On-Call Status
Region 3: Glen Hammers	In Region	On-Call Status
Region 4: James Carter	Out of State (OK)	EMAC Deployment / Not Available
Region 5: Austin Beeghly	In Region	On-Call Status
Region 6: Paul Siddall	In Region	On-Call Status
Region 7: Cristian Rivera	In Region	On-Call Status
Region 8: Karen Kozac	Out of State (OK)	EMAC Deployment / Not Available
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Monroe	Shelter Exercise / On-Call Status



Region 4 Coverage Provided by RRC 4
 Region 8 Coverage Provided by RRC 10
 Region 9 Coverage Provided by RRC 9

RC Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

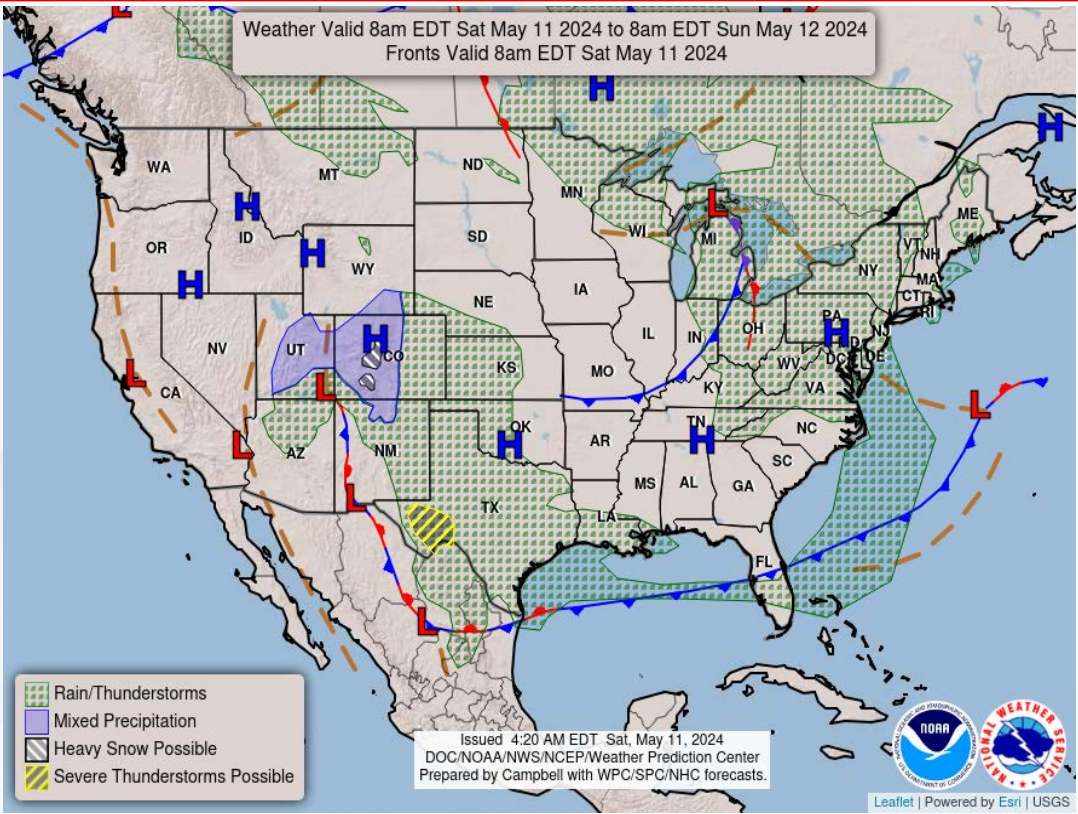
Team	County Location	Status / Activities
Region 1: Allison Blevins	In Region	Off & Monitoring
Region 2: Justin Lazzara	Out of Region	Leave
Region 3: Patrick James	In Region	Off & Monitoring
Region 4: Joshua Saunders	In Region	On-Call Status for Region 4
Region 5: Elizabeth Caison	In Region	Off & Monitoring
RRCT Manager	Leon	Tornado Recovery
Region 6: Jeremy O'Dell		
Region 7: Vacant	N/A	N/A
Region 8: Ja-Pheth Butler-Miller	Indian River	Disaster Expo
Region 9: Kathryn Thompson	In Region	On-Call Status for Region 9
Region 10: Dana McGeehan	In Region	On-Call Status for Region 8

Region 2 Coverage Provided by RRC 1
 Region 6 Coverage Provided by RRC 5
 Region 7 Coverage Provided by RRC 5

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

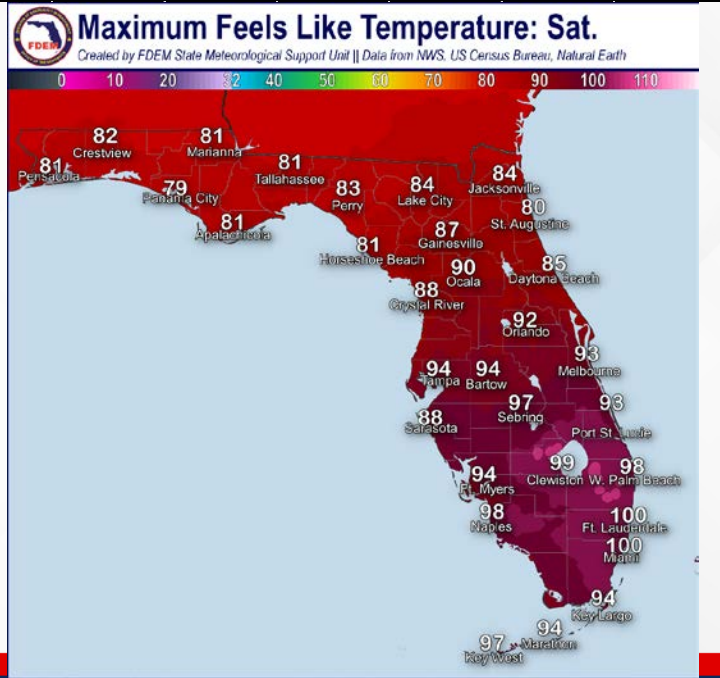
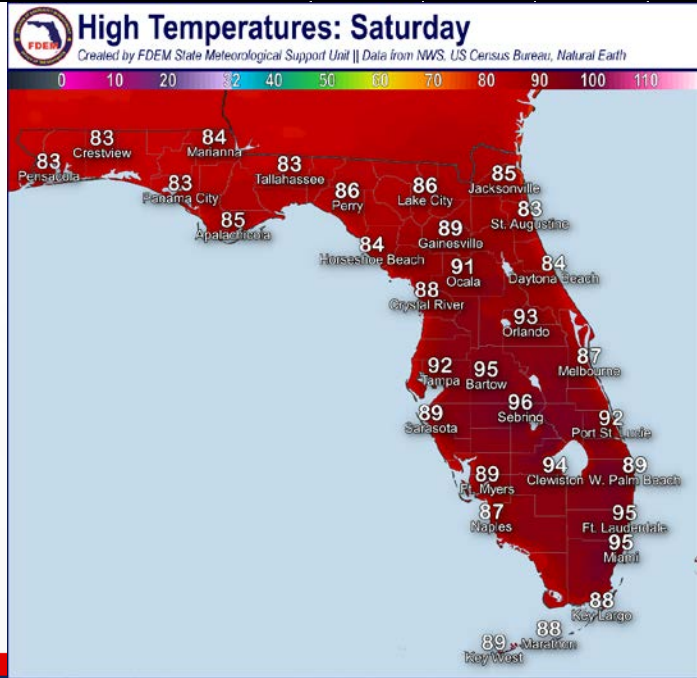


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning					L	L	L	L	L	L
Tornado										
Damaging Wind										
Hail										
Excessive Heat					L	L	L	L		L
Fog (Overnight)										
Wildfire			L	L	M	M	M	M	L	L
River Flooding										
Rip Currents	H	H	L	M	M	M		M	L	L
Lake Okeechobee Elevation:	13.85 ft. (0.46 ft. Above Normal)									
Keetch-Byram Drought Index:	389 (-7) on a scale from 0 (very moist) to 800 (very dry)									



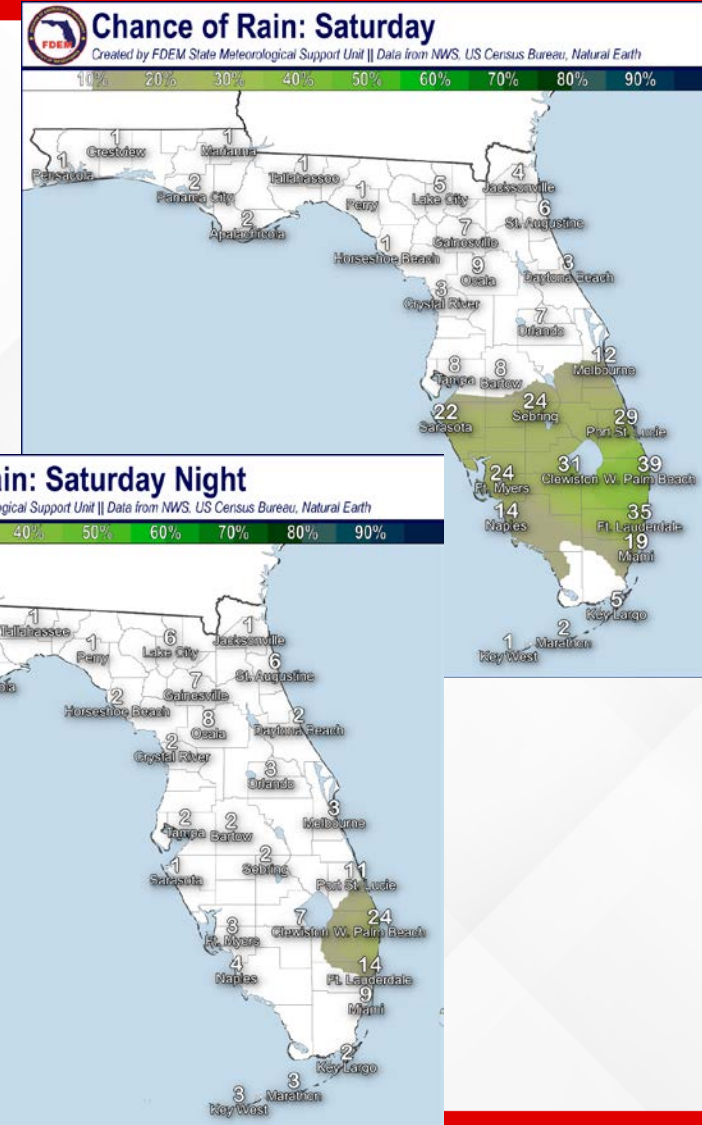


Meteorology Summary

Statewide Overview, Next 24 Hours:

Drier conditions can be expected to return nearly statewide after an active weather on Friday. The weakening cold front will continue to sink southward into the southern Peninsula throughout the day, bringing isolated showers and a few rumbles of thunder this morning near Lake Okeechobee and offshore from Treasure Coast (20-40% chance of rain). The weak cold front will lose its moisture content throughout the day and warm and dry conditions will take over across the Peninsula by the late morning and early afternoon. There is a chance for some afternoon showers and possible thunderstorm or two along the Treasure Coast during the late afternoon and early evening hours, but activity is forecast to remain isolated to very scattered. Organized severe thunderstorms are not anticipated this afternoon, but an **isolated stronger thunderstorm or two** may develop closer to the sea breeze boundary during the peak heating hours of the day. Any stronger thunderstorm that develops will be capable of producing lightning, locally gusty winds and heavy rainfall. Showers and thunderstorms that develop during the afternoon and evening hours will linger along the coastline through the late evening hours as they shift offshore and dissipate (15-25% chance of rain).

High temperatures will warm up into the middle to upper 80s across North Florida. Much warmer temperatures into the low to middle 90s can be expected across Central and South Florida, with the sea breeze helping to keep coastal temperatures slightly cooler compared to interior areas. By the early to middle afternoon hours, **temperatures will feel-like** they are in the **upper 90s and into triple digits (100-101)** south of the I-4 corridor. Low temperatures will fall into the upper 50s and low 60s across North Florida, middle to upper 60s throughout interior Central and South Florida and low to middle 70s across coastal areas. Low temperatures across Southeast Florida and the Florida Keys will fall into the middle to upper 70s and near 80-degrees in some locations. These warm overnight temperatures will provide little relief to daytime high temperatures.





Coastal Hazards & Hydrology

Rip Currents: A **moderate to high risk for rip currents** can be expected along Panhandle beaches due to elevated surf along the coastline. Northeast and East-Central Florida beaches can expect a **moderate risk for rip currents** due to locally elevated surf and breezy winds. A low risk can be expected elsewhere. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: A lingering ocean swell along the southeastern Atlantic waters will create **wave heights** of 2-4' for beaches from Northeast Florida through the Space Coast. Southeast Florida beaches can expect wave heights near 1-2'. Lingering elevated wave heights near 2-3' can be expected from beaches across the Panhandle and through West-Central Florida.

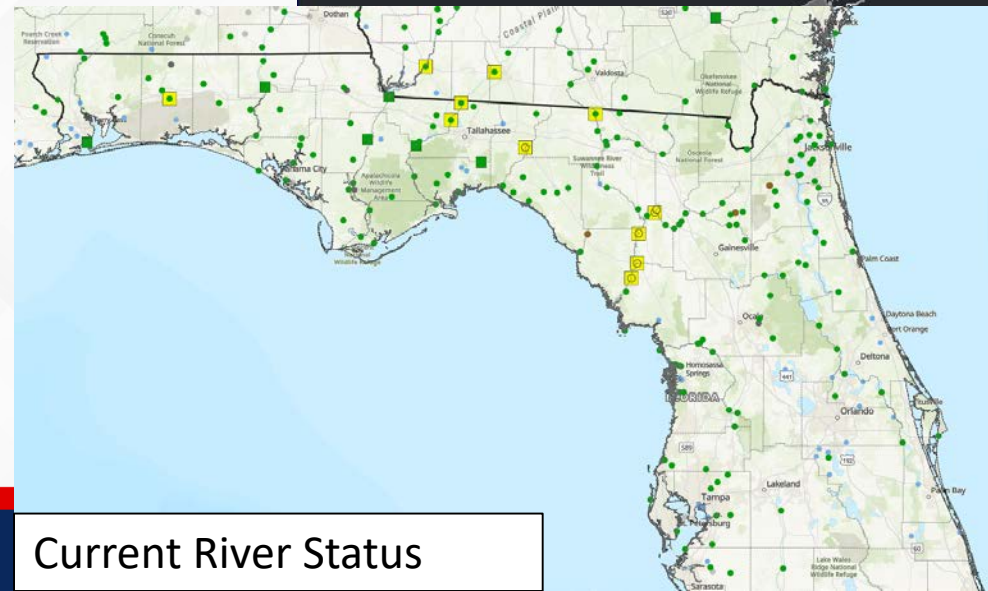
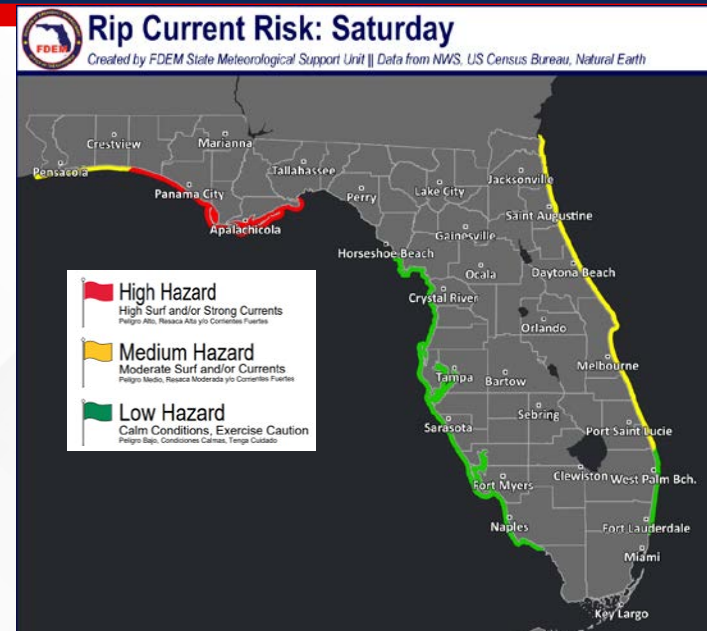
Red Tide has not been observed at or above background levels over the past week.

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

Flash Flooding: There is no risk for flash flooding today. Rainfall totals are forecast to remain below 0.5" across portions of Central Florida and Treasure Coast following early morning showers, as well as possible shower and thunderstorm activity developing this afternoon. Any thunderstorm activity that develops along Treasure Coast later in the day may be capable of producing locally heavy rainfall that could lead to localized rainfall totals upwards of 1-2" near the coastline.

Riverine Flooding: Portions of several Big Bend and Suwannee Valley rivers (including several portions of the Suwannee River) remain in Action Stage (bank-full); however, water levels are continuing to fall. Runoff from rainfall Thursday and Friday may continue to flow into rivers, creeks and streams allowing for local rises in water levels. River flooding is not expected at this time. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 13.85 feet, which is within the operational band and 0.46 feet above normal for this time of year.



Current River Status



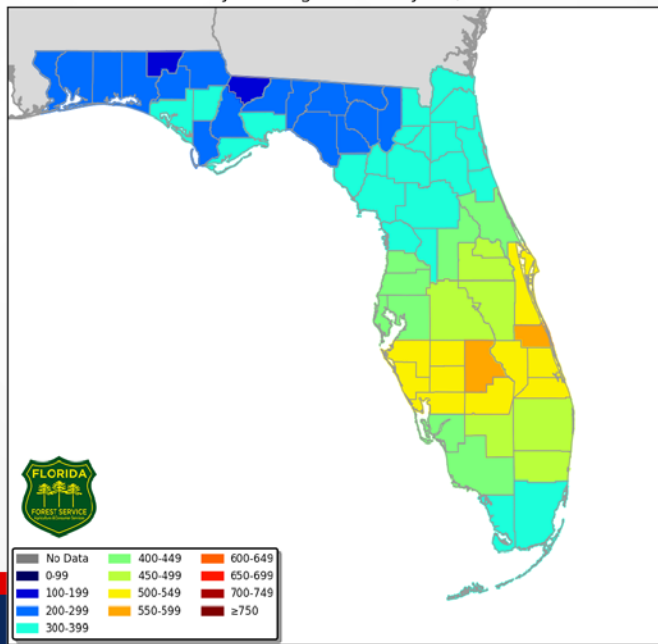
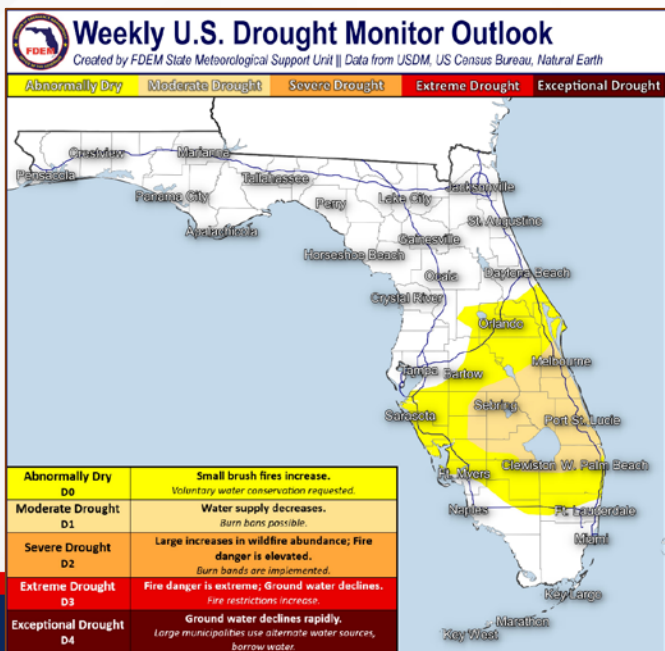
Drought & Fire Weather

Fire Weather: In the wake of an active weather day across much of North and Central Florida, mostly dry conditions will return throughout the day nearly statewide. Drier air filtering in behind the passing cold front will allow for relative humidity values to fall near or below critical thresholds this late this afternoon and into the early evening (low to middle 30%), with the lowest values along the I-75 corridor and into interior central Florida. Northwesterly to westerly winds near 10-12 mph will develop by the late afternoon, with wind gusts upwards of 20 mph at times. Red Flag conditions are not expected due to winds remaining below thresholds. **Sensitive to locally elevated wildfire conditions** can be expected across interior portions of central and southern Florida, especially due to above normal temperatures and lack of rainfall. Any possible thunderstorm that develops this afternoon and evening along Treasure Coast may be capable of producing lightning, gusty winds and heavy rainfall. According to the [Florida Forest Service](#), there are 56 active wildfires across the state burning approximately 1475 acres.

Drought: Dry conditions and above normal temperatures have generally persisted statewide over the last week under the influence of high pressure, leading to further decreases in streamflows and soil moisture. **Abnormally dry (emerging drought)** conditions have expanded further northward and southward across Central and Southern portions of the Peninsula on this week's drought monitor update and now stretch from just north of the I-4 southward to the I-75 and from the West to the East Coast. **Moderate Drought** conditions have also expanded and are now present north of Lake Okeechobee to Sebring and Melbourne, east of the lake to the East Coast, West of the lake to Hardee and DeSoto County, and along southern portions of the lake as short-term rainfall deficits continue to increase. Widespread rainfall expected across the state over the next 5 days may help to improve short-term rainfall deficits and provide some relief from drought conditions.

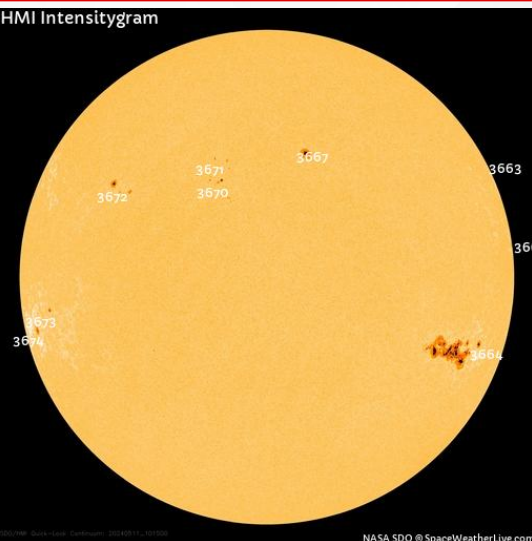
The Keetch-Byram Drought Index average for Florida is **389 (-7)** on a scale from 0 (very wet) to 800 (very dry). There are **12** Florida counties (Brevard, Charlotte, DeSoto, Glades, Hardee, Highlands, Indian River, Manatee, Martin, Okeechobee, Sarasota and St. Lucie) with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for May 10, 2024

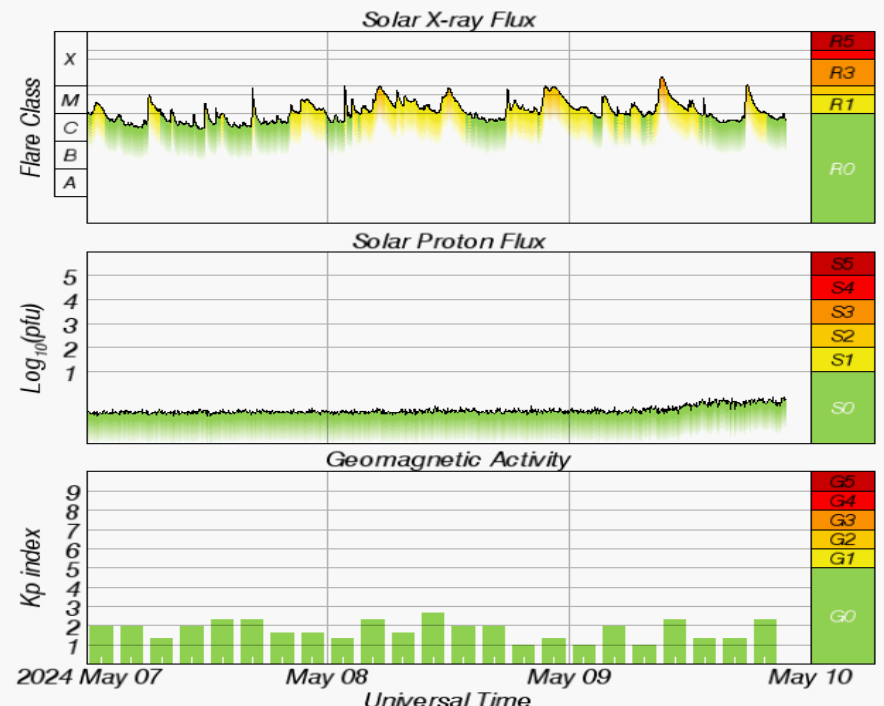
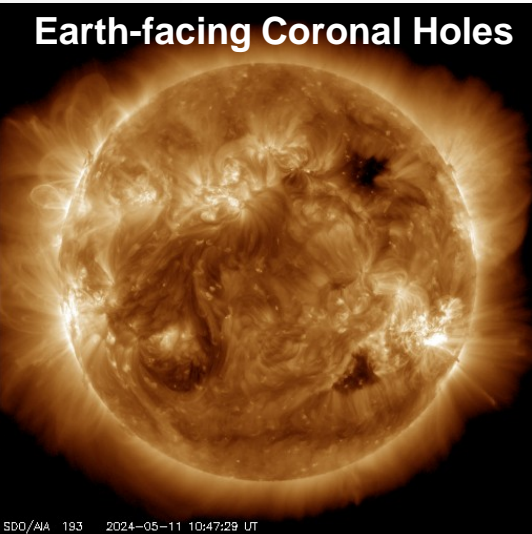




Space Weather



Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 95%	Geomagnetic Storm: G4 Watch (5/11-12)	X5 Solar Flare
X-class: 75%	Radiation Storm: None	R3 Radio Blackout

48-Hour Geomagnetic Forecast	
5/11	5/12
Max Kp= 8 (G4)	Max Kp= 6 (G2)
Chance of minor activity = 40% severe activity = 55%	Chance of minor activity = 40% severe activity = 25%

Space Weather: A Coronal Mass Ejection (CME struck the Earth's geomagnetic field, sparking an extreme (G5) geomagnetic storm. The auroras reached as far south as Florida last night. Solar activity is expected to persist at high to very high levels through the weekend as both strong (M-class and significant (X-class) solar flares can be expected due to the flare potential of active sunspot #3664. Strong to significant solar flares can be expected to produce up to strong (R3) radio blackouts. A strongly enhanced solar wind field will persist through today due to CME influences as the slowly wane; however, there is a chance for additional CMEs to strike the Earth's geomagnetic field through the weekend. Minor (S1) solar radiation storms are ongoing, and likely to persist through the weekend due to activity from sunspot #3664. Periods of strong to severe (G3-G5) geomagnetic storming is expected to continue today due to the ongoing CME influences. Periods of minor to moderate (G1-G2) geomagnetic storming are likely tomorrow ahead of anticipated halo CMEs arriving. The overall space threat to Florida is low to moderate.



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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