



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Sunday, May 12, 2024



State Emergency Operations Center Activation Level

Level 2 Activation



SERT On-Call Personnel

Position	Personnel	Phone	Email
Operations Chief	Taylor Cheney	(850) 545-4047	Taylor.Cheney@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	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	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	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	Seminole, Palm Beach	Travel to GHC
Region 6: Paul Siddall	In Region	On-Call Status
Region 7: Cristian Rivera	Polk, Palm Beach	Travel to GHC
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	Miami-Dade, Palm Beach	Travel to GHC



Region 4 Coverage Provided by RRC 4
 Region 5 Coverage Provided by RRC 5
 Region 7/10 Coverage Provided by RC 6
 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

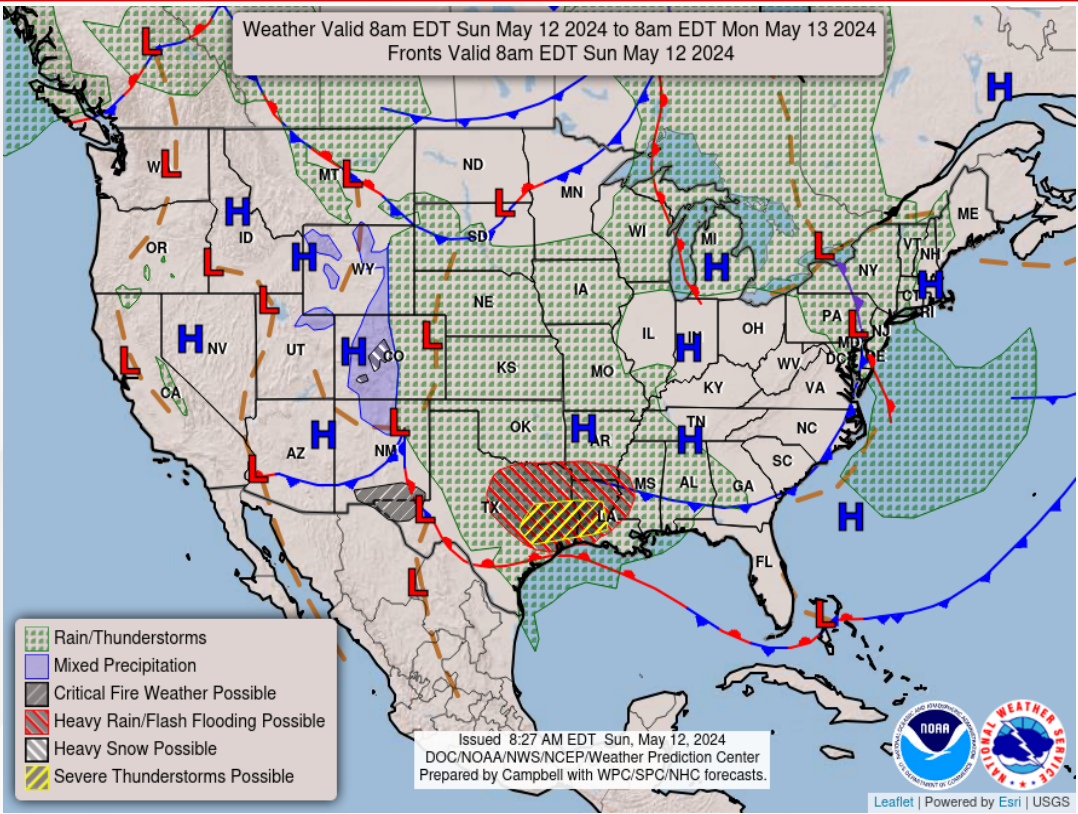
Team	County Location	Status / Activities
Region 1: Allison Blevins	Palm Beach	Travel to GHC
Region 2: Justin Lazzara	Out of Region	Leave
Region 3: Patrick James	Region 3	Storm Recovery
Region 4: Joshua Saunders	Region 3	Storm Recovery
Region 5: Elizabeth Caison	In Region	Off & Monitoring
RRCT Manager	Leon	Storm Recovery
Region 6: Jeremy O'Dell		
Region 7: Vacant	N/A	N/A
Region 8: Ja-Pheth Butler-Miller	Palm Beach	Travel to GHC
Region 9: Kathryn Thompson	Palm Beach	Travel to GHC
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

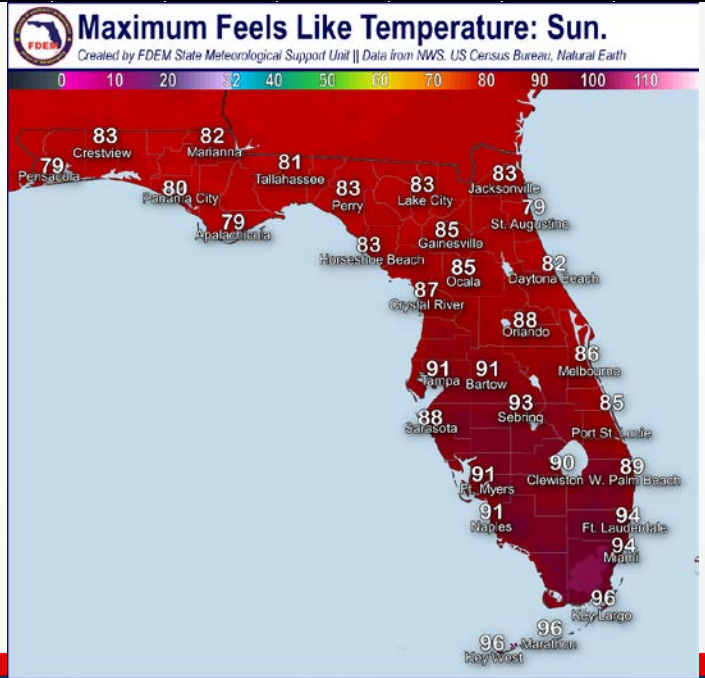
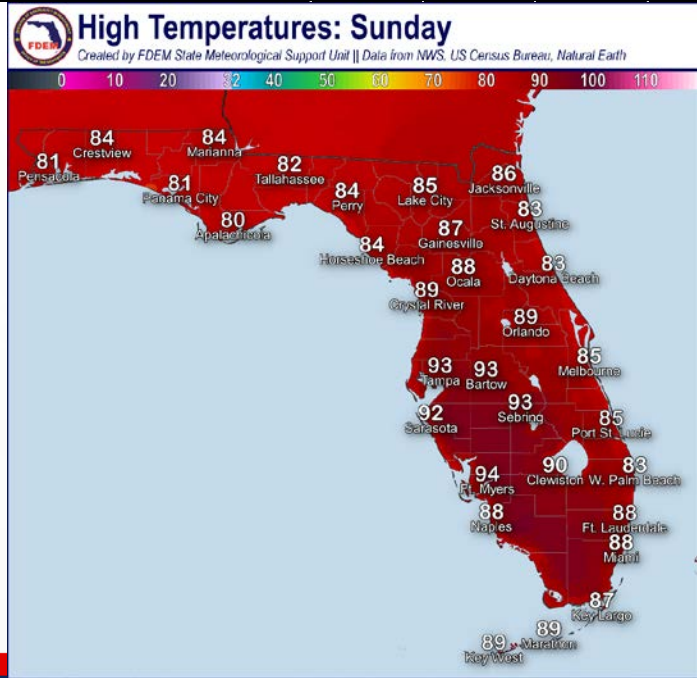


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning										
Tornado										
Damaging Wind										
Hail										
Excessive Heat								L	L	L
Fog (Overnight)										
Wildfire			L	L	M	M	M	M	L	L
River Flooding										
Rip Currents	M	H	L	M	M	M		M	L	L
Lake Okeechobee Elevation:	13.82 ft. (0.46 ft. Above Normal)									
Keetch-Byram Drought Index:	376 (-12) on a scale from 0 (very moist) to 800 (very dry)									



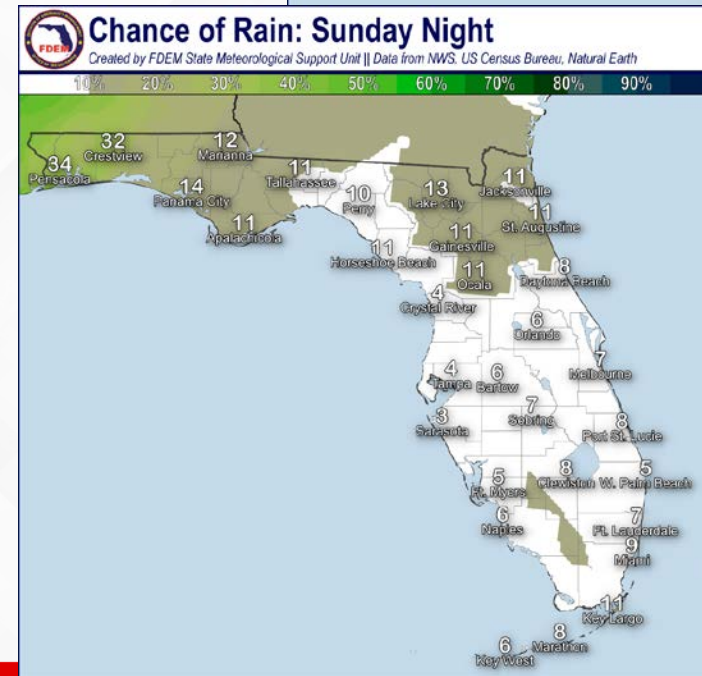
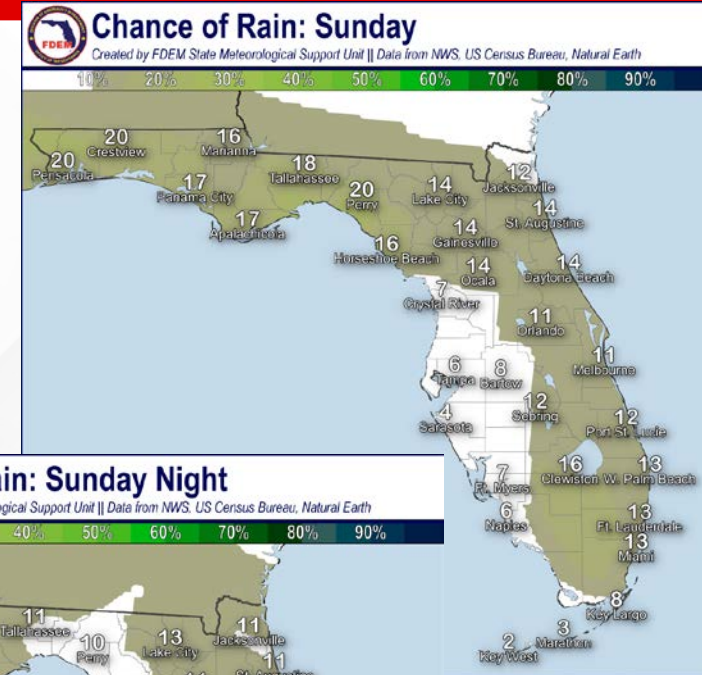


Meteorology Summary

Statewide Overview, Next 24 Hours:

High pressure over the Carolina's will bring mostly dry conditions throughout the day across the Sunshine State. A weak cold front will attempt to move into North Florida and towards the I-10 corridor this morning and into the early afternoon. With help from an upper-level feature, there may be some light sprinkles or a brief shower or two throughout the morning; however, drier conditions from high pressure should limit shower development (15-20% chance of rain). Should any showers develop, they will be quick moving. Partly to mostly cloudy skies can be expected across much of North Florida throughout the day, while Central and South Florida can expect a mixture of clouds and sunshine. The sea breeze along Florida East Coast may develop and push inland towards the I-95 corridor this afternoon, allowing for isolated to widely scattered showers. Cloudy skies will help to keep high temperatures in the low to middle 80s across North Florida, where more sunshine across the Peninsula will give way to high temperatures in the upper 80s to low 90s. Areas along interior West-Central and Southwest Florida could approach the middle 90s. Heat index values, or feels-like temperatures, will reach the low to middle 90s across South Florida and the Keys today.

Cloud cover will begin to increase overnight throughout much of North Florida and towards the I-4 corridor ahead of a developing warm front over the Gulf Coast states. Moisture being pushed towards the Panhandle and Big Bend will allow for isolated to scattered showers to develop along the western Panhandle during the pre-dawn hours (20-35% chance of rain). Low temperatures will fall into the middle to upper 60s across North Florida, low 70s across Central Florida and middle to upper 70s across South Florida. The Florida Keys will see low temperatures near 80-degrees, providing little relief from daytime high temperatures.





Coastal Hazards & Hydrology

Rip Currents: A **moderate to high risk for rip currents** continues for several Panhandle beaches as locally elevated surf is expected along the coastline. Northeast and East-Central Florida beaches will continue to see a **moderate risk for rip currents** as onshore winds returns. A low risk for rip currents can be expected elsewhere. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Offshore winds will keep wave heights along the Panhandle and West Coast near 1-2' throughout the day. Onshore winds returning to the East Coast will lead to wave heights of 1-3', with **locally elevated surf** upwards of 4' within the surf zone along Southeast Florida beaches this morning.

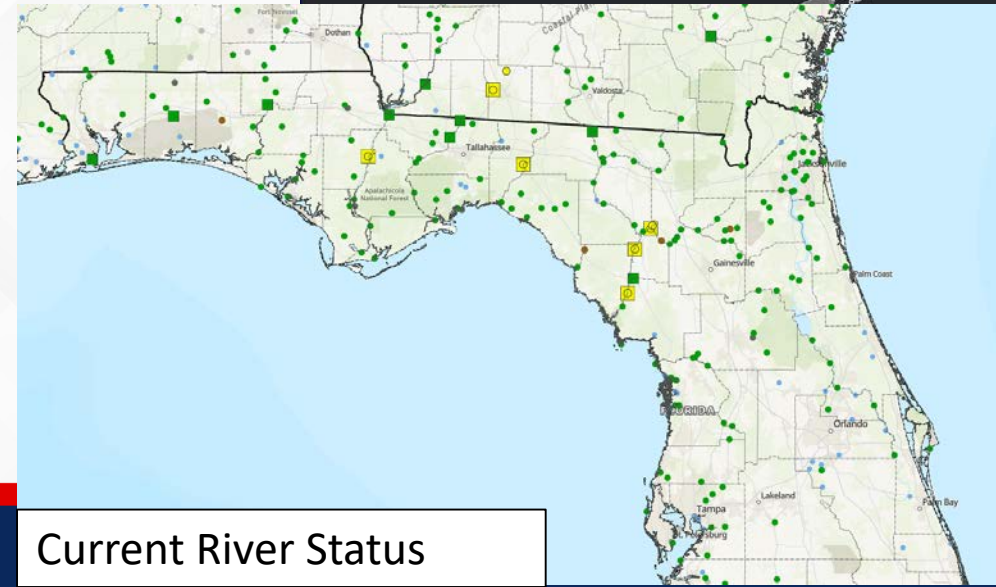
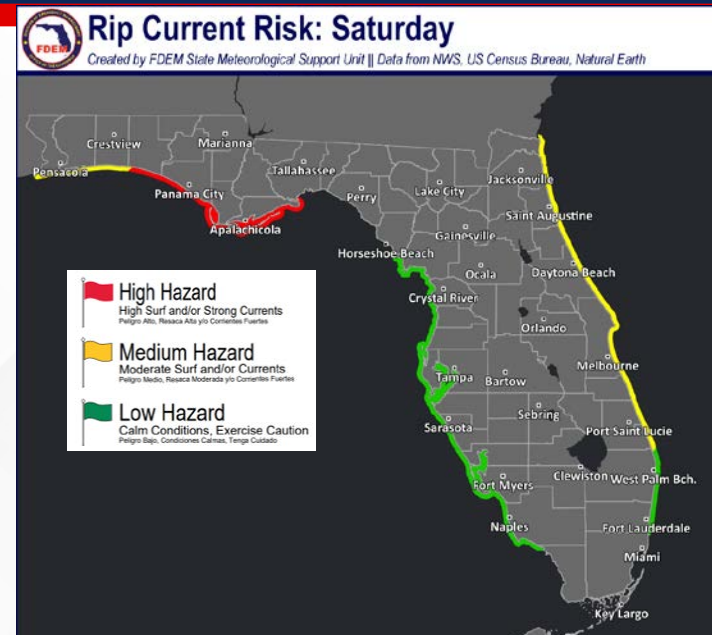
Red Tide has not been observed at or above background levels over the past week.

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

Flash Flooding: There is no risk for flash flooding today.

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. Mostly dry conditions will continue through today, allowing for water levels to level out. There are no riverine concerns for today. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 13.82 feet, which is within the operational band and 0.46 feet above normal for this time of year.



Current River Status



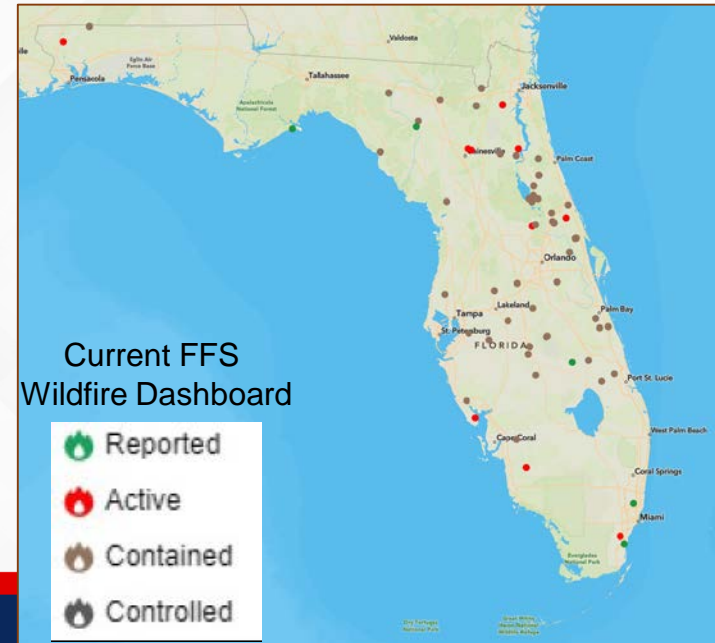
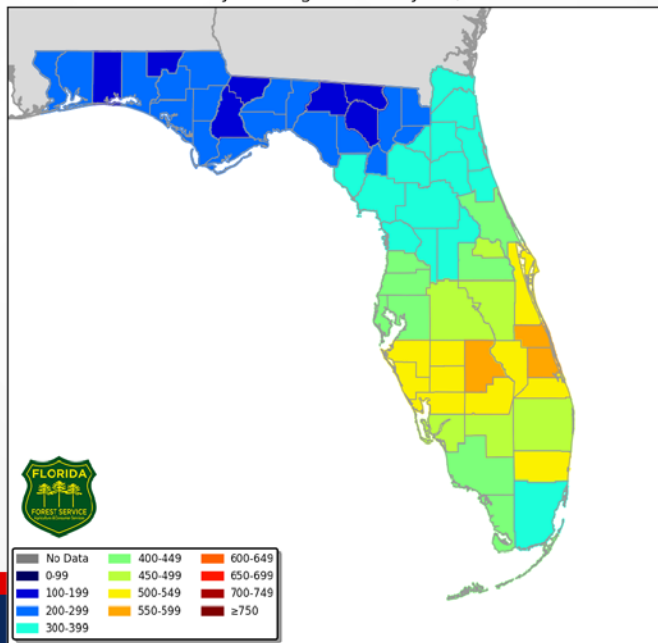
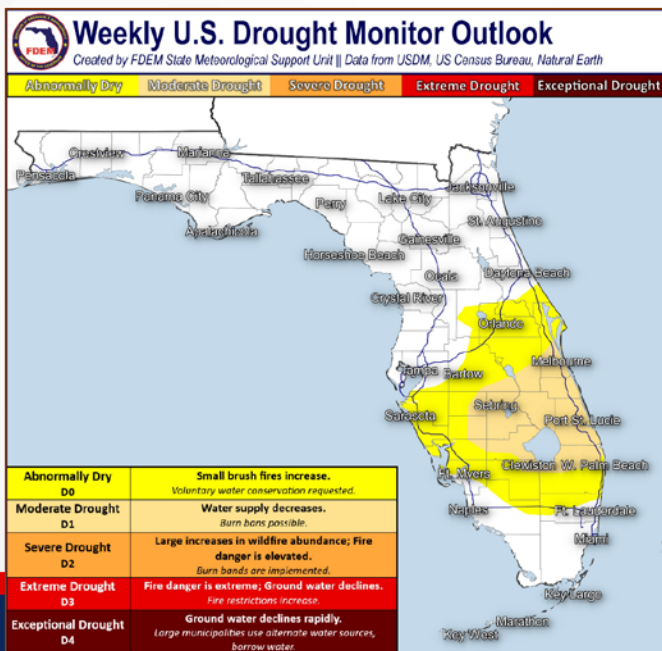
Drought & Fire Weather

Fire Weather: High pressure over the Carolina's will help to bring mostly dry conditions across the state as northerly to northeasterly winds bring drier air southward. Relative humidity values this afternoon will fall **near or just below critical thresholds** across the I-75 corridor and throughout the western Peninsula and extending inland (30-35%). Winds will remain light near 5-10 mph throughout the day, and wind gusts will reach near 10-12 mph. These conditions are below Red Flag criteria; therefore, Red Flag conditions are not expected. The sea breeze developing along the east coast may allow for local wind gusts upwards of 20 mph at times this afternoon along the coast. **Sensitive to locally elevated wildfire conditions** will persist across portions of the central Peninsula where ongoing warm and dry conditions have led to drought conditions. According to the [Florida Forest Service](#), there are 65 active wildfires across the state burning approximately 1587 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.

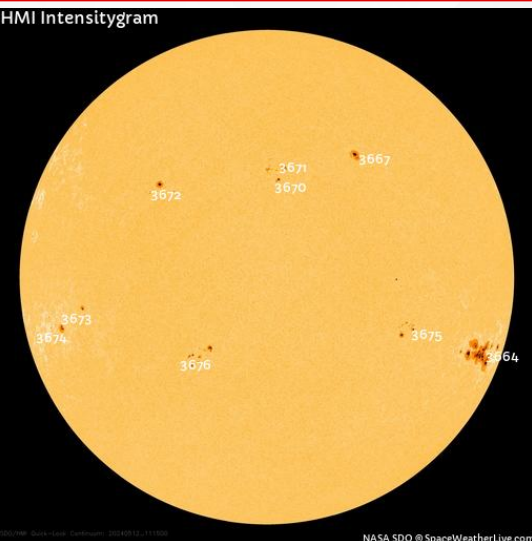
The Keetch-Byram Drought Index average for Florida is **376 (-12)** on a scale from 0 (very wet) to 800 (very dry). There are **13** Florida counties (Brevard, Broward, Charlotte, DeSoto, Glades, Hardee, Highlands, Indian River, Manatee, Martin, Okeechobee, Sarasota and St. Lucie) with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for May 11, 2024

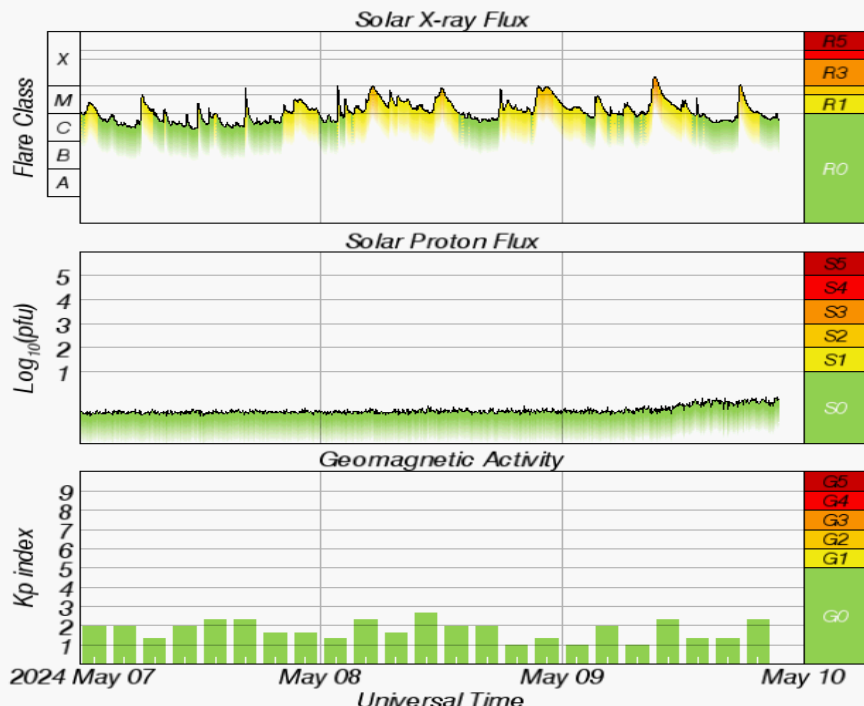
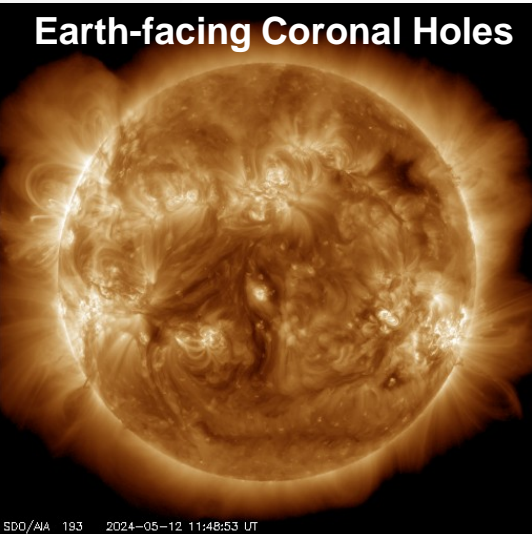




Space Weather



Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 95%	Geomagnetic Storm: G4 Watch (5/11-12)	X1 Solar Flare
X-class: 75%	Radiation Storm: None	R3 Radio Blackout

48-Hour Geomagnetic Forecast	
5/12	5/13
Max Kp= 9 (G5)	Max Kp= 7 (G3)
Chance of minor activity = 40% severe activity = 55%	Chance of minor activity = 35% severe activity = 55%

Space Weather: Solar activity remains a high to very high levels following active sunspot #3664 which continues to produce strong (M-class) to significant (X-class) solar flares. Coronal Mass Ejections (CMEs) from sunspot #3664 continue to hit the Earth's geomagnetic field, sparking a very rare and periods of significant to extreme (G4-G5) geomagnetic storm. Another CME is expected to strike the Earth's geomagnetic field today, and the Geomagnetic Storm Watch (G4) remains in place. Polar auroras may extend into the northern U.S. once again following significant geomagnetic activity. Moderate to strong (R2-R3) radio blackouts can be expected with high solar activity. Minor to moderate (S1-S2) solar radiation storms have also been observed due to activity from sunspot #3664 and are likely to continue through the weekend. Solar wind conditions remain strongly enhanced from CME activity, and enhanced activity will continue today. 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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