



# Florida Division of Emergency Management State Watch Office

## Morning Situation Report

Tuesday, May 7, 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	<a href="mailto:Amy.Godsey@em.myflorida.com">Amy.Godsey@em.myflorida.com</a>
Watch Officer	Sam Walters	(850) 519-8638	<a href="mailto:Sam.Walters@em.myflorida.com">Sam.Walters@em.myflorida.com</a>
Duty Officer	Jeremy Whitt	(850) 755-8521	<a href="mailto:Jeremy.Whitt@em.myflorida.com">Jeremy.Whitt@em.myflorida.com</a>
Operations Officer- Day	Logan Qualk	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
Operations Officer- Swing	Zachary Remante	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
Operations Officer- Night	Cassi Farestvedt	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
Meteorologist	Kennedy Tartt	(850) 567-6368	<a href="mailto:Kennedy.Tartt@em.myflorida.com">Kennedy.Tartt@em.myflorida.com</a>
Plans Chief	Kaylynn Perry	(850) 254-5657	<a href="mailto:Plans_Command@em.myflorida.com">Plans_Command@em.myflorida.com</a>
Logistics Chief	Orlando Arindell	(850) 759-6967	<a href="mailto:Orlando.Arindell@em.myflorida.com">Orlando.Arindell@em.myflorida.com</a>
Human Services Director	Pam Hughes	(850) 528-5638	<a href="mailto:Pamela.Hughes@em.myflorida.com">Pamela.Hughes@em.myflorida.com</a>
Emergency Services	Rob Dietrich	(850) 727-3414	<a href="mailto:Robert.Dietrich@em.myflorida.com">Robert.Dietrich@em.myflorida.com</a>
Infrastructure Branch Director	Megan Hill	(850) 591-2496	<a href="mailto:Megan.Hill@em.myflorida.com">Megan.Hill@em.myflorida.com</a>
ESF 8 On-Call	Hunter Stafford	(866) 786-4673	<a href="mailto:DLDOHDutyOfficers@flhealth.gov">DLDOHDutyOfficers@flhealth.gov</a>
Public Information Officer	Marnie Villanueva	(850)-591-9544	<a href="mailto:Marnie.Villanueva@em.myflorida.com">Marnie.Villanueva@em.myflorida.com</a>
DEM Finance and Admin	Jeremy Smith	(561) 662-8028	<a href="mailto:Jeremy.Smith@em.myflorida.com">Jeremy.Smith@em.myflorida.com</a>



# Response Regional Coordination Team

Team	County Location	Visits
Region 1: Jim Roberts	Santa Rosa	Agricultural EM Training
Region 2: Willie Bouie	Leon	FTEM Meeting / County EM Surveys
Region 3: Glen Hammers	Alachua	Region 3 Roundtable Meeting
Region 4: James Carter	Out of State (OK)	EMAC Deployment
Region 5: Austin Beeghly	Brevard, Alachua	Executive Director Support
Region 6: Paul Siddall	Hillsborough	Special Operations Exercise
Region 7: Cristian Rivera	Hillsborough	Special Operations Exercise
Region 8: Karen Kozac	St. Lucie	NWS Miami Wet Season Outlook Meeting
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Broward	Healthcare Coalition TTX / Lee Co Survey



Region 4 Coverage Provided by RRC 4  
 Region 9 Coverage Provided by RRC 9

RC Status
Normal Operations
Out of Service / Unavailable



# Recovery Regional Coordination Team

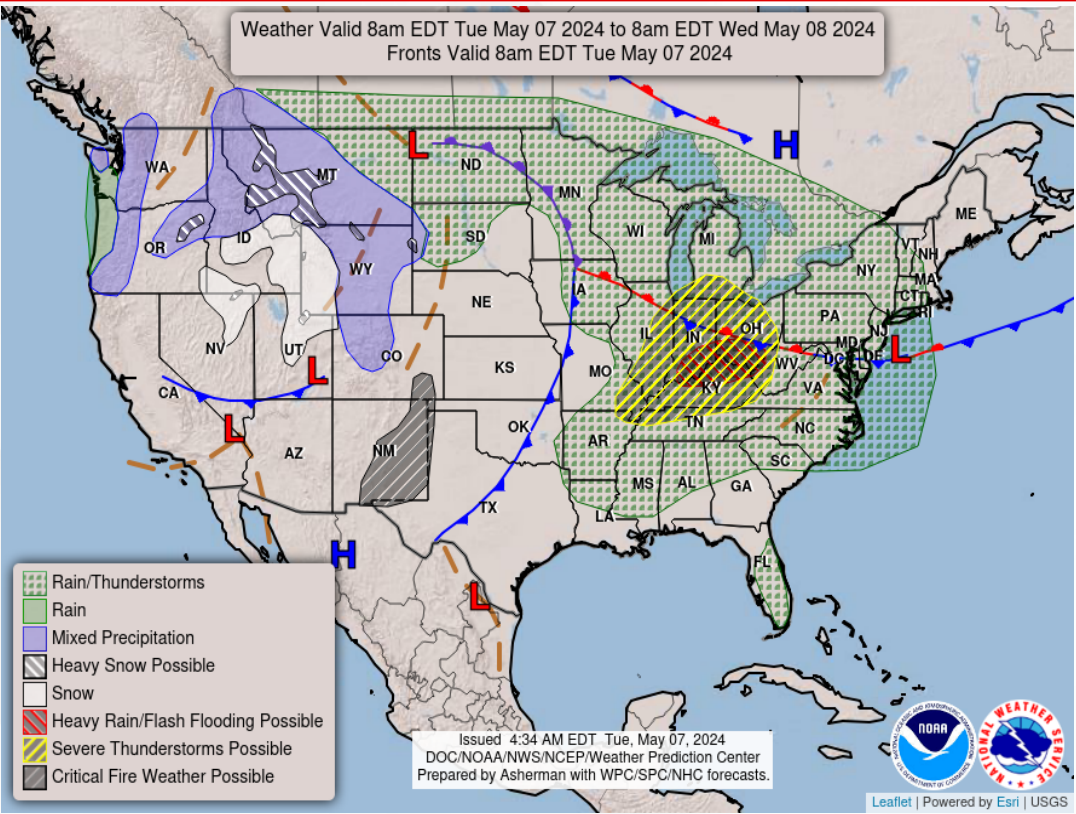
Team	County Location	Status / Activities
Region 1: Allison Blevins	Washington	External Stakeholders Meeting
Region 2: Justin Lazzara	Out of Region	Leave
Region 3: Patrick James	Alachua	Region 3 Roundtable Meeting
Region 4: Joshua Saunders	Clay	Internal Stakeholders Meeting
Region 5: Elizabeth Caison	Orange	Instructing FL-608
RRCT Manager	Hernando	Internal Stakeholders Meeting / FEMA RSF Meeting
Region 6: Jeremy O'Dell		
Region 7: Vacant	N/A	N/A
Region 8: Ja-Pheth Butler-Miller	Flagler	Internal Stakeholders Meeting
Region 9: Kathryn Thompson	Lee	Internal Stakeholders Meeting
Region 10: Dana McGeehan	Broward	Internal Stakeholders Meeting

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

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

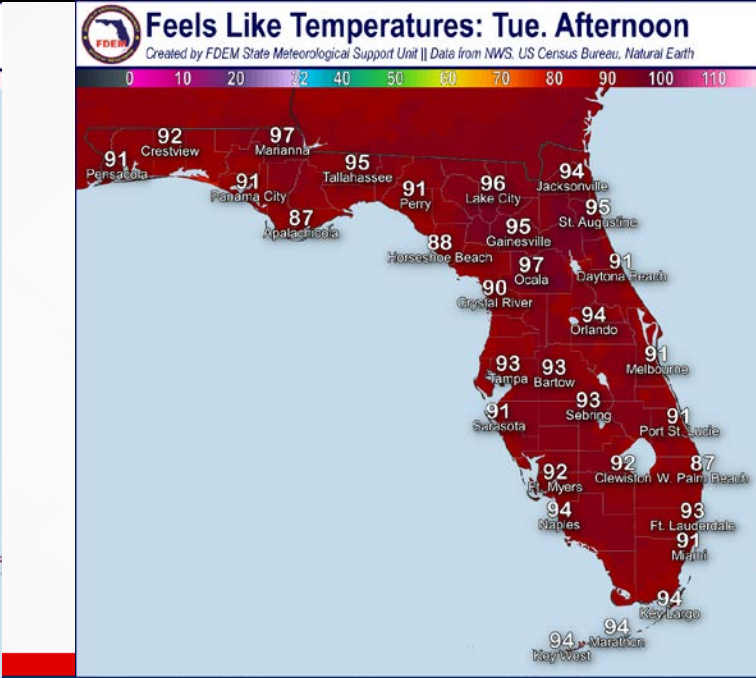
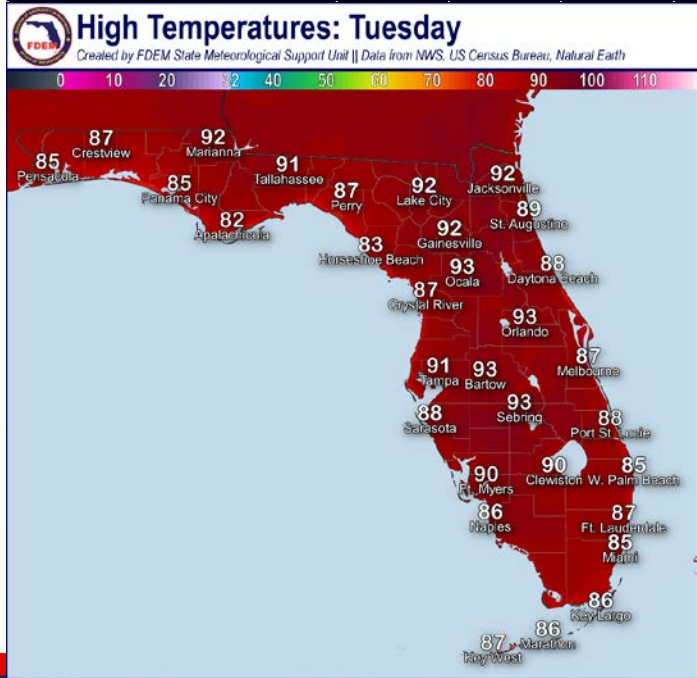


# Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning			L	L	L	L	L	L	L	L
Tornado										
Damaging Wind										
Hail										
Flash Flooding										
Fog (Overnight)	M	M	M	L		L				
Wildfire					L	L	L			
River Flooding			L							
Rip Currents	H	H	L	M	M	L		M	L	H
Lake Okeechobee Elevation:	14.02 ft. (0.54 ft. Above Normal)									
Keetch-Byram Drought Index:	359 (+7) on a scale from 0 (very moist) to 800 (very dry)									



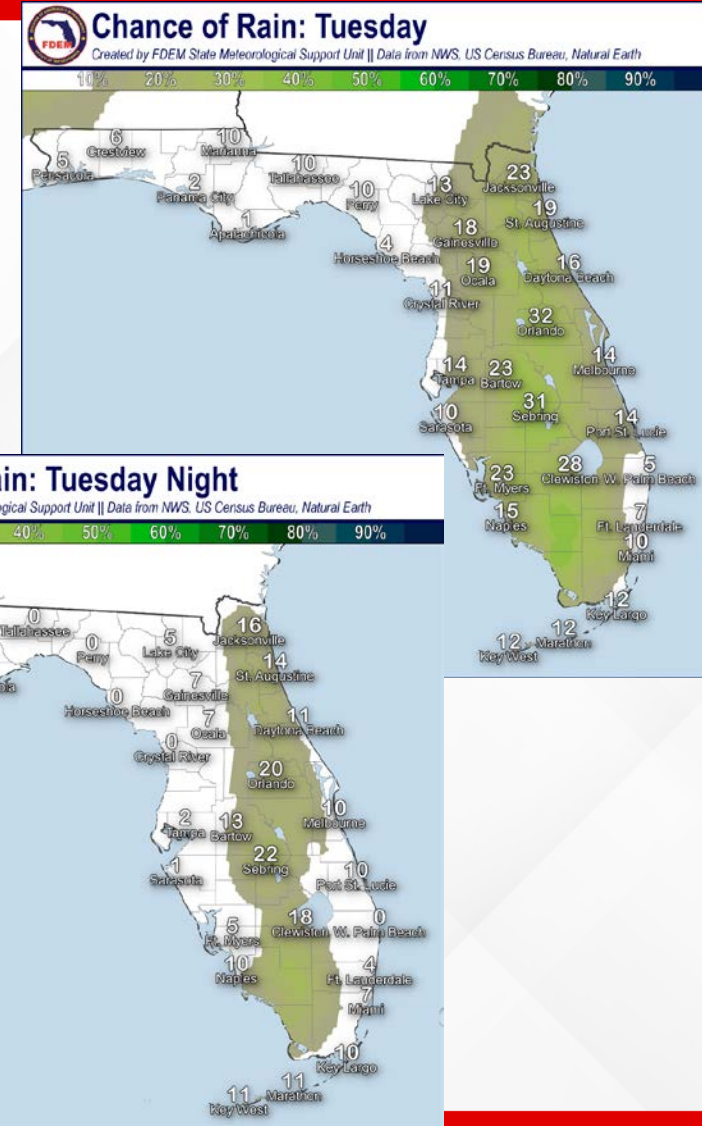


# Meteorology Summary

## Statewide Overview, Next 24 Hours:

Lingering dense fog and low clouds this morning has prompted a **Dense Fog Advisory** along the Panhandle and Big Bend through the mid-morning hours due to **reduced visibility of 1/4 of a mile or less at times**. High pressure will build over the Gulf of Mexico today, bringing mostly sunny and dry conditions across the state through the afternoon hours. High temperatures will climb well into the upper 80s and **middle 90s** statewide this afternoon, with coastal areas a few degrees cooler with sea breeze winds flowing onshore. Temperatures during the early to middle afternoon hours will **feel-like** they are in the **middle 90s and approaching the upper 90s** in some locations across the interior Panhandle and Central Florida. The Gulf and Atlantic sea breeze boundaries will push inland throughout the day before colliding with one another this evening, sparking isolated to widely scattered showers and possible thunderstorms (20-30% chance of rain). These showers and thunderstorms will be mostly concentrated throughout the interior and towards the eastern Peninsula this evening. Organized severe weather is not expected with thunderstorm activity; however, **locally strong to possibly severe thunderstorms** cannot be ruled out during the peak heating hours of the evening. Any **strong thunderstorm activity** that develops will be capable of producing frequent lightning, gusty winds and heavy downpours at times.

Shower and thunderstorm activity will linger throughout the evening and into the early overnight hours before dissipating as they move towards the coastlines (15-20% chance of rain). Very isolated showers may linger along the coastlines through the overnight hours as they attempt to move over adjacent coastal waters. Calm winds and clear skies developing overnight and early Wednesday morning will give way to **patchy to locally dense fog** developing from the Panhandle, across the Suwannee Valley and into Nature Coast. Low temperatures will only fall into the upper 60s to middle 70s, with the Keys seeing low temperatures in the upper 70s allowing for little relief from daytime high temperatures.





# Coastal Hazards & Hydrology

**Rip Currents:** Persistent and breezy onshore winds will continue along Panhandle and East Coast beaches creating a **moderate to high risk for rip currents**. A low risk for rip currents continues for West Coast beaches. For the latest Rip Current Outlook, visit [www.weather.gov/beach](http://www.weather.gov/beach).

**Marine Hazards:** Southerly to southeasterly winds flowing onshore will create wave heights of 1-3' statewide. **Breaking waves** further offshore from Atlantic-facing Key beaches will reach upwards of 4' throughout the day.

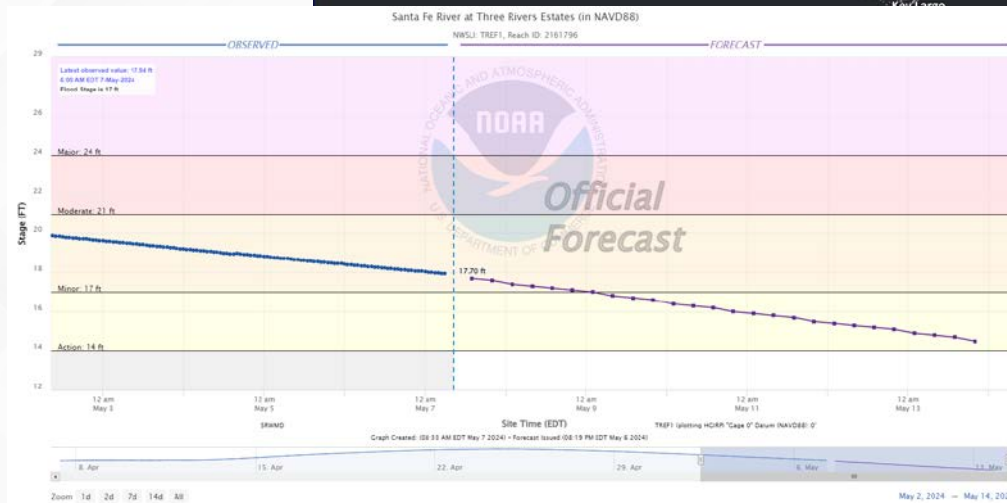
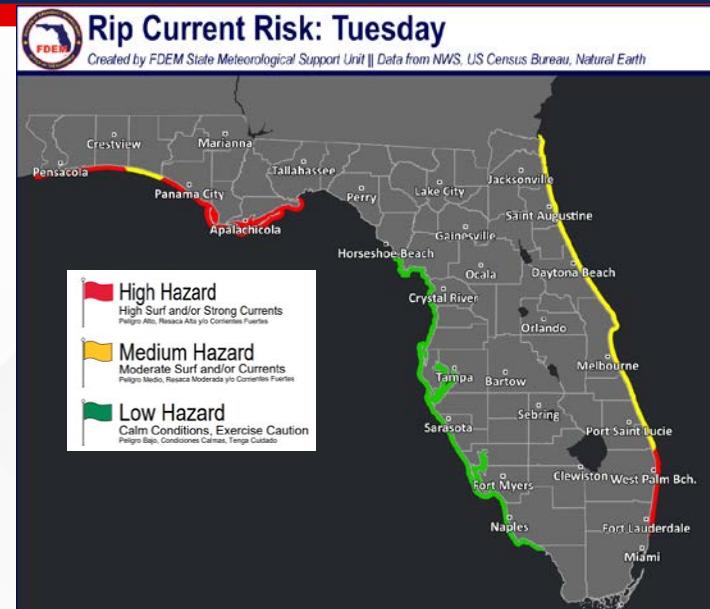
**Red Tide** has not been observed at or above background levels over the past week.

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

**Flash Flooding:** There is no organized risk for flash flooding today. Showers and possible thunderstorms developing along the sea breeze boundaries this evening throughout the interior Peninsula. Any strong thunderstorm that is able to develop will be capable of producing heavy downpours which could lead to instances of **localized flooding and ponding of water** across urban and low-lying/poor drainage areas. While rainfall totals are forecast to remain below 0.5", **isolated totals locally** of 1-2" cannot be ruled out within heavy downpours. Slow-moving or near stationary showers and thunderstorms may also increase the localized potential for flooding as downpours may lead to accumulated water.

**Riverine Flooding:** A **River Flood Warning** remains in effect along the [Santa Fe River at Three Rivers Estates](#) as **minor flooding** is occurring and is forecast to continue through the end of this week. 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. There are no additions riverine flood concerns at this time. For more details, please visit the [River Forecast Center](#).

**Lake Okeechobee's** average elevation is 14.02 feet, which is within the operational band and 0.54 feet above normal for this time of year.







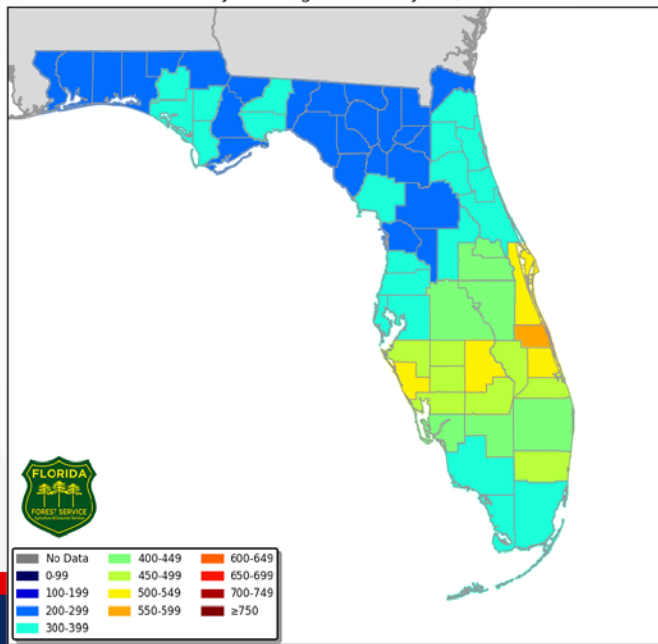
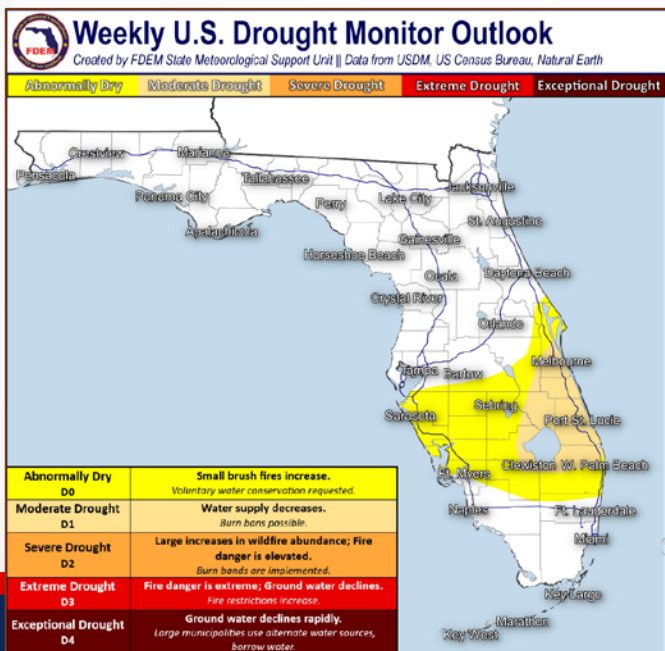
# Drought & Fire Weather

**Fire Weather:** Areas of dense fog and low clouds across the Panhandle and Suwannee Valley will continue through the mid-morning hours before lifting and dissipating. *Foggy conditions may reduce visibility further where there are ongoing wildfires.* Mostly dry conditions will persist through the afternoon statewide before the sea breeze collision this afternoon across the Peninsula allows for isolated to widely scattered showers and possible thunderstorms this evening. Warm and dry conditions will develop statewide as high pressure builds and dominates. Ongoing warm and dry conditions will keep **sensitive wildfire conditions** in place across portions of Central and South Florida, especially where there is *emerging to moderate drought conditions*. Wind gusts will remain near 10-15 mph, but the sea breeze along the coasts may create **locally breezy wind gusts upwards of 20 mph** at times. Any thunderstorm that develops this afternoon will be capable of producing lightning and gusty winds, which could contribute to igniting or spreading wildfires over dry grounds and soils. **Patchy to locally dense fog** will be possible overnight and early Wednesday morning from the Panhandle to Nature Coast. According to the [Florida Forest Service](#), there are 51 active wildfires across the state burning approximately 1200 acres.

**Drought:** High pressure has continued to yield relatively dry conditions and near to above normal temperatures statewide over the last week, leading to high evaporative demand and locally decreasing streamflow. Several recent brush fires have been noted and there has been an increased concern for more as short-term dryness and drought continue. **Abnormally dry (emerging drought)** conditions have expanded along further northward and southward across Central and Southern portions of the Peninsula on this week's drought monitor update and now stretch from the from the I-4 and south to the I-75 and from the West to the East Coast. **Moderate Drought** conditions have been introduced to eastern portions of the region from Brevard County to Palm Beach County and surrounding Lake Okeechobee as rainfall deficits continue to increase. Above normal temperatures and below normal rainfall expected across the region over the next week will likely exacerbate drought conditions.

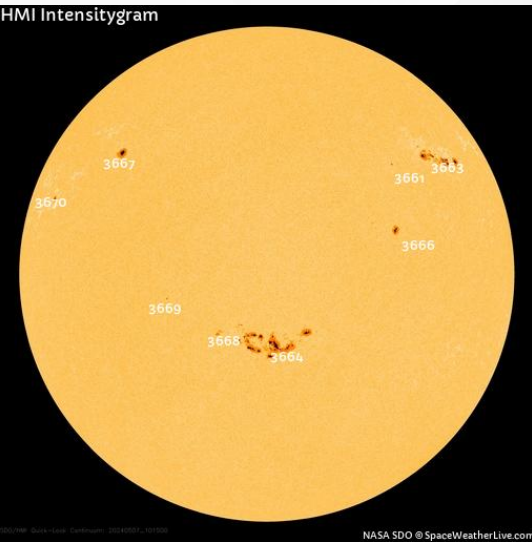
**The Keetch-Byram Drought Index** average for Florida is **359 (+7)** on a scale from 0 (very wet) to 800 (very dry). There are **five** Florida county (Brevard, Highlands, Indian River, Sarasota and St. Lucie) with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)  
County Averages for May 06, 2024

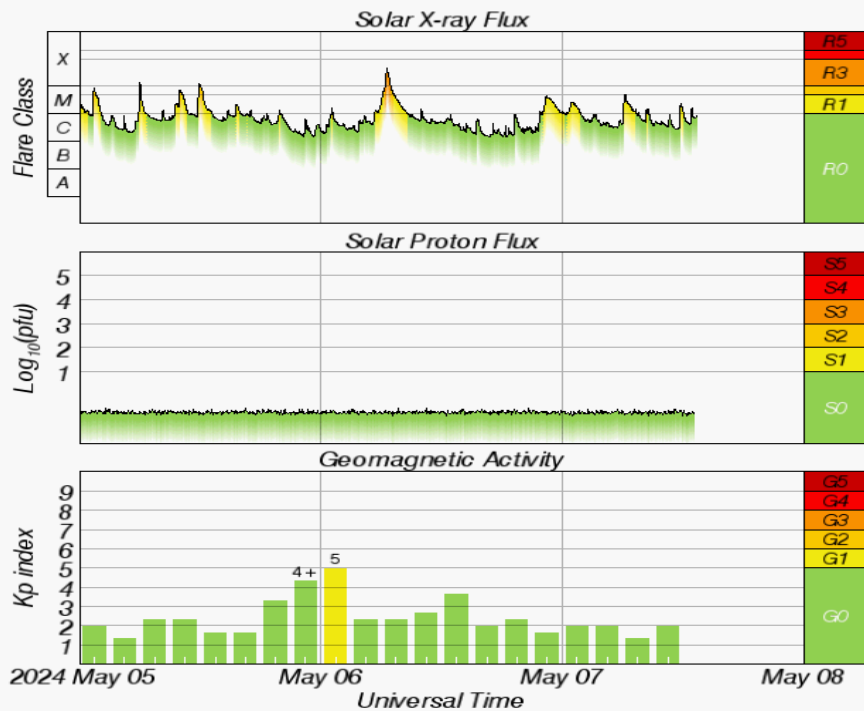
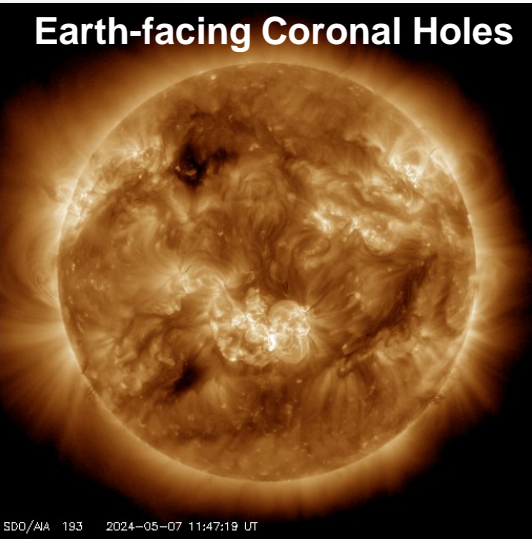




# Space Weather



## Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 90%	Geomagnetic Storm: None	M5 Solar Flare
X-class: 50%	Radiation Storm: None	R2 Radio Blackout

48-Hour Geomagnetic Forecast	
5/7	5/8
Max Kp= 4 (G0)	Max Kp= 3 (G0)
Chance of minor activity = 10% severe activity = 1%	Chance of minor activity = 10% severe activity = 1%

**Space Weather:** Solar activity will range from moderate to high levels over the next couple of days as strong (M-class) solar flares can be expected and there is an increasing chance for significant (X-class) solar flares. Increased solar activity is due to active sunspots #3663 and #3664 as they contain magnetic fields that harbors energy for strong to significant flares. Minor to moderate (R1-R2) radio blackouts can be expected with M-class solar flares, and strong (R3) radio blackouts will likely accompany any X-class solar flares. There is a chance for minor (S1) solar radiation storms due to potential activity and history of these sunspots. Elevated solar wind conditions will persist today and tomorrow as lingering Coronal Hole High Solar Stream (CH HSS) conditions prevail. A Coronal Mass Ejection (CME) that left the sun on 5/6 may cause enhancements to the solar wind field as it passes near Earth. Lingering and waning CH HSS conditions will continue to create unsettled to active levels within the Earth's geomagnetic field. At this time, no minor (G1) or greater geomagnetic storm are not expected today. The overall space threat to Florida is low.



# SWO Communications Systems & Contact Information

Equipment	Contact	Status	Comments
<b>Phone:</b>	800-320-0519, 850-815-4001, 850-591-0071 (Backup Cell)	Operational	
<b>Backup Landline:</b>	850-487-3234, 850-487-3228	Operational	
<b>Fax:</b>	850-815-4979	Operational	
<b>Email:</b>	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>	Operational	
<b>SWO Tracker:</b>	<a href="https://apps.floridadisaster.org/SWO/">https://apps.floridadisaster.org/SWO/</a>	Operational	
<b>SLERS:</b>	DEM Statewide	Operational	
<b>FNARS:</b>	WGY974	Operational	
<b>Federal NAWAS:</b>	State Watch Office	Operational	
<b>EMnet Message:</b>	FL.000- State Watch Office	Operational	
<b>EMnet Voice:</b>	FL SWP- State Watch Office	Operational	
<b>IPAWS:</b>	LP.1 Stations via Emnet	Operational	
<b>FIN:</b>	SOFEOC	Operational	
<b>Satellite Phones:</b>	888-890-5178 or 480-263-8838	Operational	
<b>Website:</b>	<a href="http://www.floridadisaster.org">http://www.floridadisaster.org</a>	Operational	

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