



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Saturday, November 30, 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	Taylor Cheney	(850) 545-4047	Taylor.Cheney@em.myflorida.com
Duty Officer	Ben Mauro	(850) 566-4904	Benjamin.Mauro@em.myflorida.com
Operations Officer- Day	Daniel Leader	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Kaya Dungey	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Jim Lawhon	(850) 815-4001	SWP@em.myflorida.com
Meteorologist	Caitlyn Gillespie	(850) 688-2119	Caitlyn.Gillespie@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	Karen Kozac	(850) 759-6226	Karen.Kozac@em.myflorida.com
ESF 8 On-Call	Brandon Gore	(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	State/Thanksgiving Holiday (On-Call Status)
Region 2: Willie Bouie	In Region	State/Thanksgiving Holiday (On-Call Status)
Region 3: Glen Hammers	In Region	State/Thanksgiving Holiday (On-Call Status)
Region 4: James Carter	In Region	State/Thanksgiving Holiday (On-Call Status)
Region 5: Austin Beeghly	Out of Service	Leave (See Coverage)
Region 6: Paul Siddall	In Region	State/Thanksgiving Holiday (On-Call Status)
Region 7: Cristian Rivera	In Region	State/Thanksgiving Holiday (On-Call Status)
Region 8: Mason Kozac	In Region	State/Thanksgiving Holiday (On-Call Status)
Region 9: Theresa Hendry	In Region	State/Thanksgiving Holiday (On-Call Status)
Region 10: Claudia Baker	In Region	State/Thanksgiving Holiday (On-Call Status)



Region 5 coverage provided by Region 5 Recovery Coordinator

Status

Normal Operations

Out of Service / Unavailable



Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Allison Blevins	Out of Region	Holiday
Region 2: Justin Lazzara	Leon	Off & Monitoring
Region 3: Patrick James	Out of Region	Holiday
Region 4: Joshua Saunders	Clay	Off & Monitoring
Region 5: Elizabeth Caison	Orange	Off & Monitoring
RRCT Manager	In Region	Holiday
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	Polk	Off & Monitoring
Region 8: Ja-Pheth Butler-Miller	Indian River	Off & Monitoring
Region 9: Kathryn Thompson	Out of Region	Holiday
Region 10: Dana McGeehan	In Region	Holiday

Region 1 and 3 coverage provided by Region 4 Recovery Coordinator

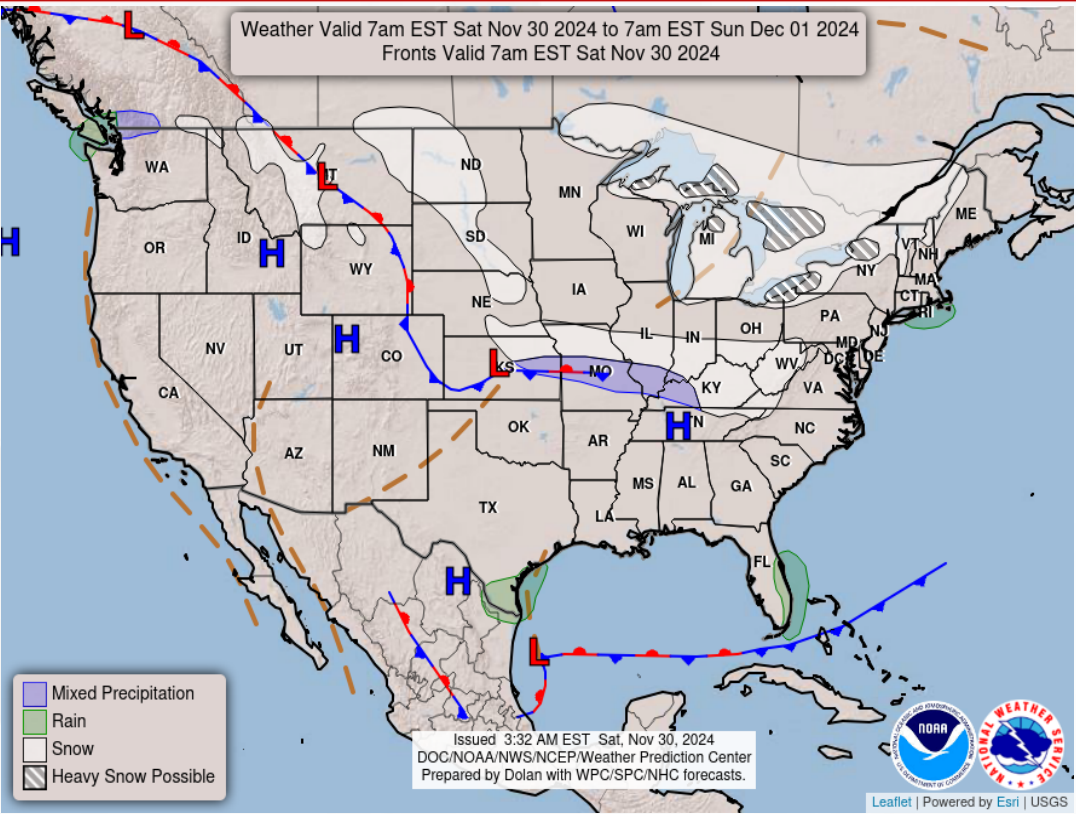
Region 6 coverage provided by Region 5 Recovery Coordinator

Region 9 and 10 coverage provided by Region 8 Recovery Coordinator

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

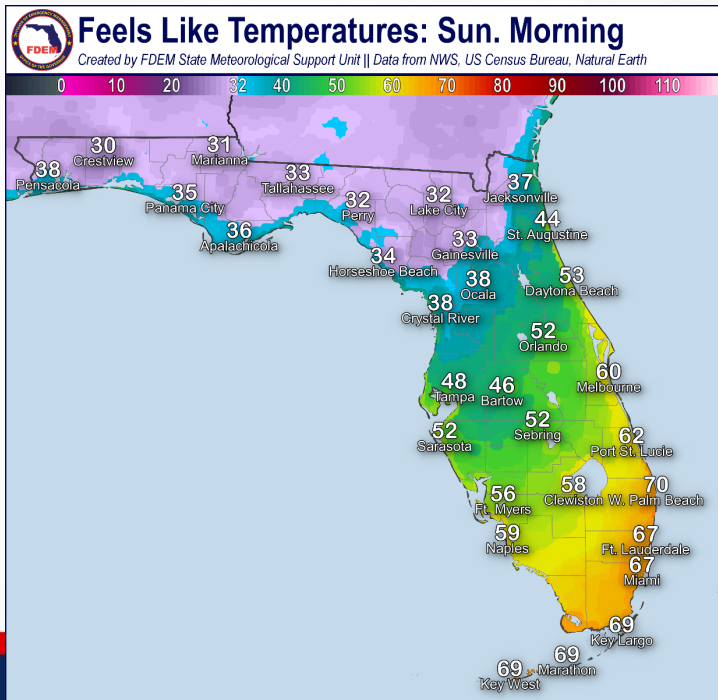
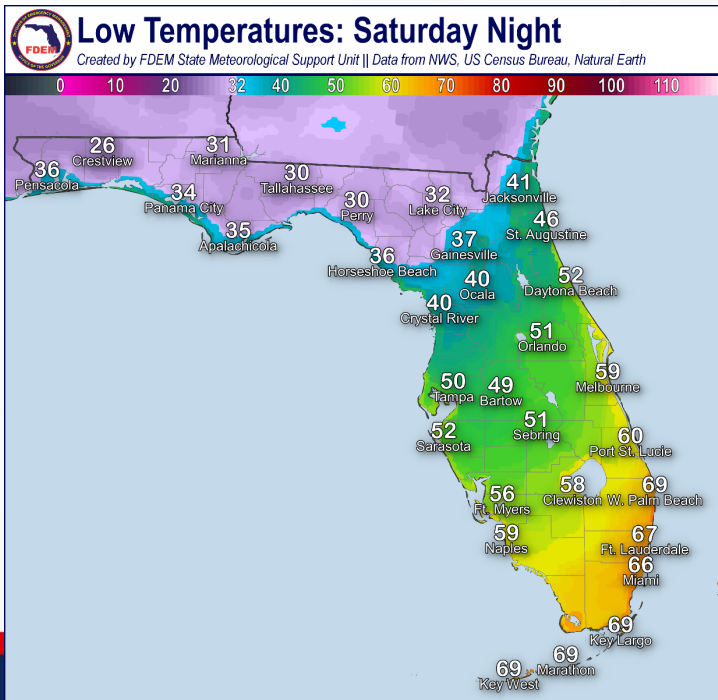


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning										
Tornado										
Damaging Wind/Hail										
Flash Flooding										
Fog (Overnight)										
Riverine Flooding										
Fire Weather	L	L	L	L						
Freeze (Overnight)	M	M	M	L		L				
Rip Currents	M	M	M	M	H	M		H	M	M
Lake Okeechobee Elevation:	15.81 ft. (0.96 ft. Above Normal)									
Keetch-Byram Drought Index:	365 (+4) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

Statewide Overview, Next 24 Hours:

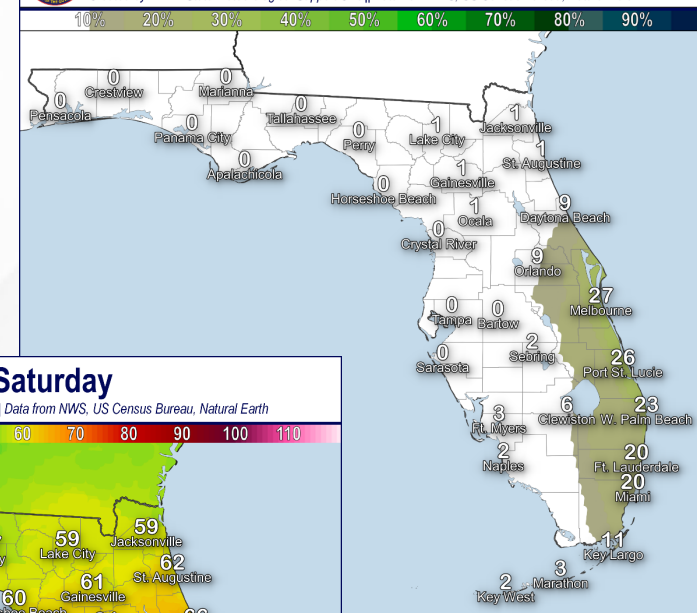
Temperatures are forecast to be quite cool today, despite mostly sunny skies across the Sunshine State. Northerly to northeasterly winds will continue to funnel cooler and drier air to Florida, with mostly dry conditions expected. Some breezy to gusty conditions (15-20 mph isolated 25 mph) will be possible along portions of the Florida Space Coast, with only lingering moisture allowing for isolated showers to move onshore this afternoon (20-35% chance of rain). Afternoon temperatures will be variable this afternoon, with highs remaining in the middle to upper 50s across North Florida, the lower to middle 60s across interior Central Florida, upper 60s to lower 70s along the immediate Florida coastline and interior South Florida, and the middle to upper 70s for far South Florida and the Florida Keys.

Rain chances along the Florida East Coast shift to the adjacent coastal areas, giving way to the primary weather headline for the forecast period – **low temperatures at or below freezing**. A fairly widespread **freeze** is expected across North Florida, away from the immediate coast, and a **Freeze Watch** remains in effect late tonight along the I-10 corridor where temperatures in the **lower 30s** can be expected. A **Freeze Warning** in effect tonight for the Suwannee River Valley where temperatures in the **upper 20s to lower 30s** can be expected.



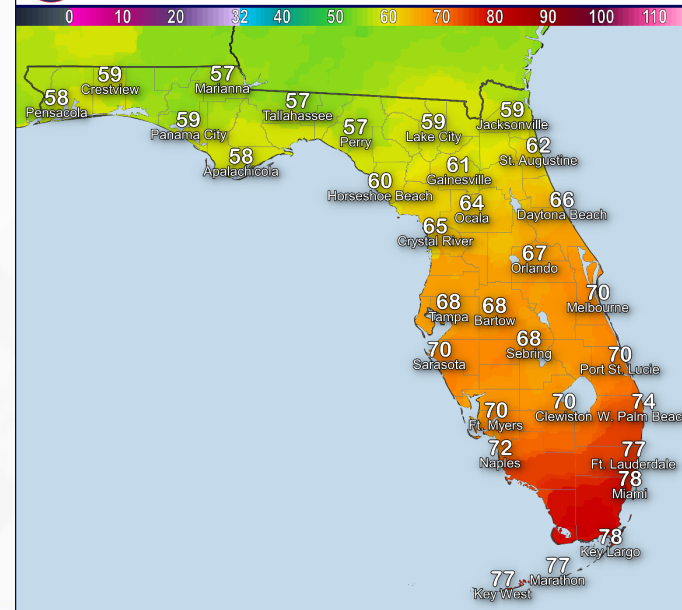
Chance of Rain: Saturday

Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



High Temperatures: Saturday

Created by FDEM State Meteorological Support Unit || Data from NWS, US Census Bureau, Natural Earth



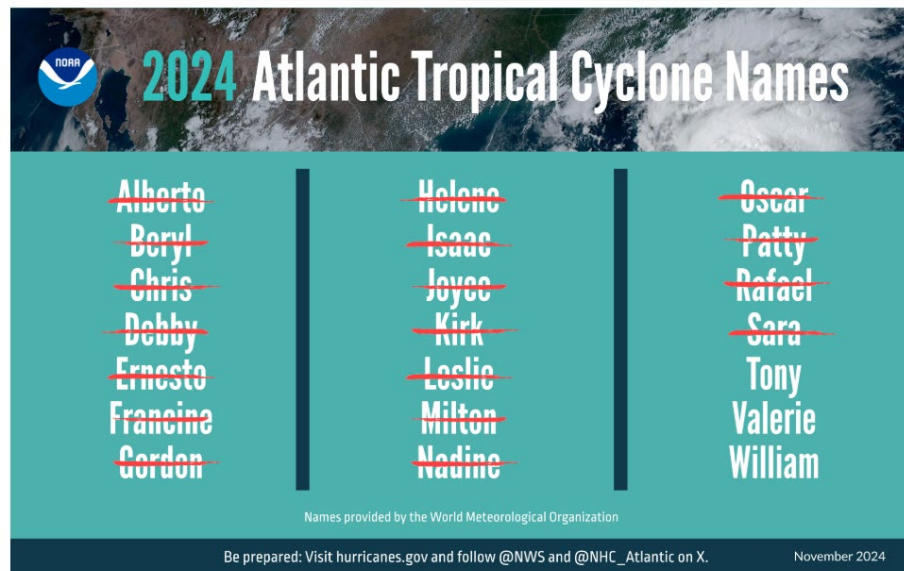
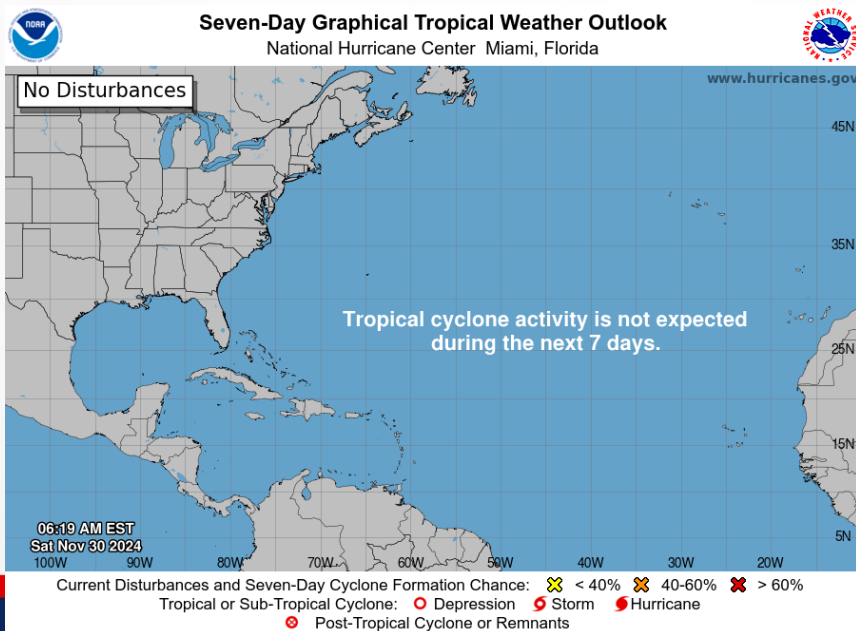


Tropical Weather

For the latest on the tropics, please visit the National Hurricane Center (NHC) at www.hurricanes.gov.

Today, 11/30, marks the final day of the 2024 Atlantic Hurricane Season. This season showcased above-normal activity, with a record-breaking ramp up following a peak season lull. The Atlantic basin saw **eighteen (18) named storms**, **eleven (11)** of those were hurricanes, and **five (5)** intensified into major hurricanes (Category 3 or greater). **Five (5)** hurricanes made landfall in the continental U.S., with two (2) storms making landfall as major hurricanes – both in Florida. Twelve (12) named storms formed after the climatological peak of the season (9/10), and seven (7) hurricanes formed in the Atlantic since 9/25 – the most on record for this period.

- Hurricane Beryl was the earliest Category 5 hurricane on record in the Atlantic basin around the first of July.
- Hurricane Debby brought significant rainfall to North Florida early August, triggering significant riverine flooding for portions of the Suwannee, Santa Fe, Withlacoochee, and Alapaha Rivers.
- Hurricane Helene made landfall as a Category 4 hurricane on the Florida Gulf Coast on 9/26 bringing historical storm surge values to the Florida Big Bend, Nature Coast, and West-Central Florida coastline before causing catastrophic flooding across the southern Appalachians.
- Hurricane Milton made landfall as a Category 3 hurricane near Siesta Key, Florida on 10/9 and resulting in a record-breaking tornado outbreak throughout the Florida Peninsula where forty-seven (47) tornadoes were confirmed – several of which being intense and long-track in nature (EF-2 or greater). Milton's rate of rapid intensification was among the highest ever observed.





Coastal Hazards & Hydrology

Rip Currents: A **moderate risk of rip currents** can be expected along all Florida beaches today. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Increasing ocean swell will lead to **wave heights** of 3-5' along the Florida East Coast, with locally higher breakers of **6'** possible along the Treasure and Southeast Florida Coast today. Wave heights of 2-4' can be expected along all Gulf Coast beaches.

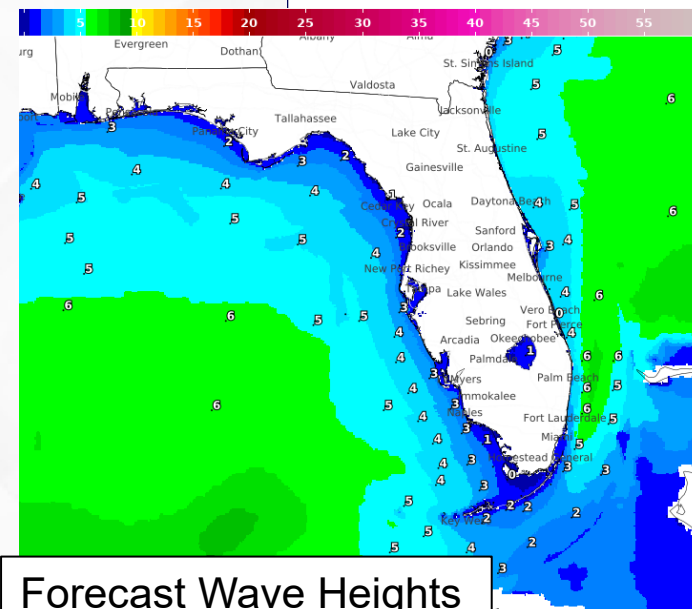
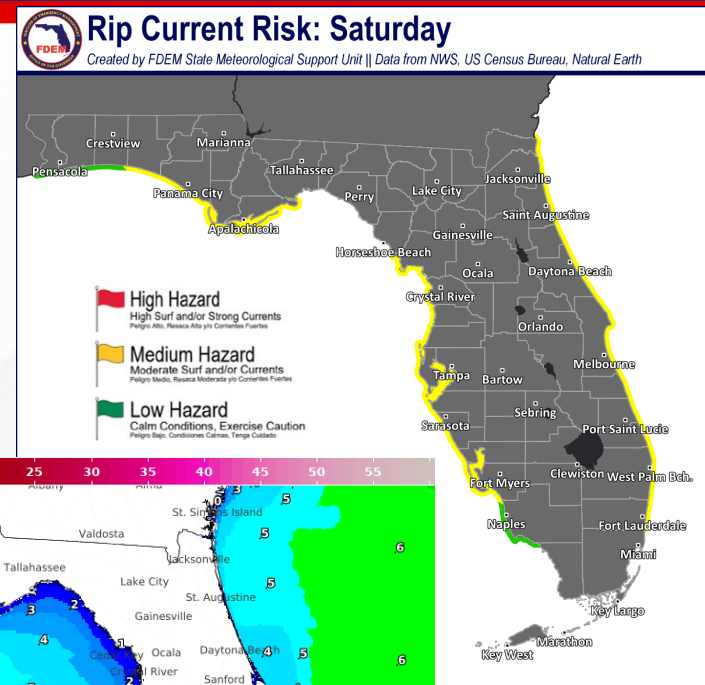
Red Tide has been observed in **73** samples collected from Florida's Gulf Coast over the past week (as of 11/26). Background to **low concentrations** were observed in Pinellas, Charlotte and Franklin Counties. **Medium to high concentrations** were observed in Hillsborough, Manatee and Sarasota Counties. **Fish kills** and **respiratory irritation** suspected to be related to red tide were reported within Southwest Florida along Sarasota County.

Coastal Flooding: Coastal flooding is not expected today.

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

Riverine Flooding: The [Withlacoochee River near Holder at SR-200](#) has fallen below flood stage and continues to decline through Action Stage (bank-full). The Withlacoochee River near Dunnellon also continued to slowly decline through Action Stage. There are no additional riverine concerns at this time. For more information, visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 15.81 feet, which is within the operational band and 0.96 feet above normal for this time of year.



Forecast Wave Heights
– Saturday Afternoon



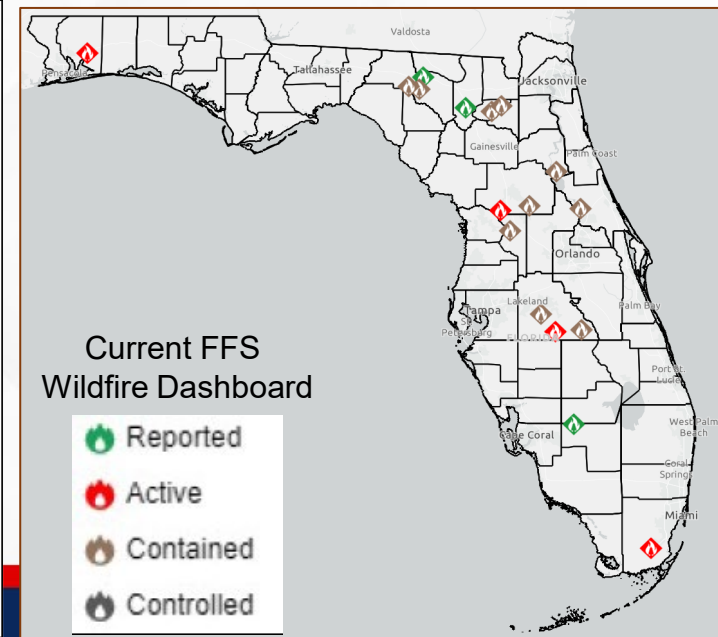
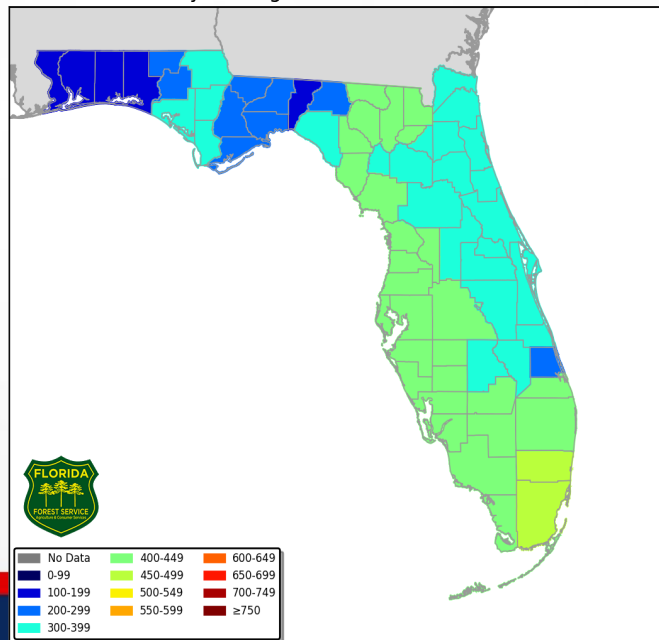
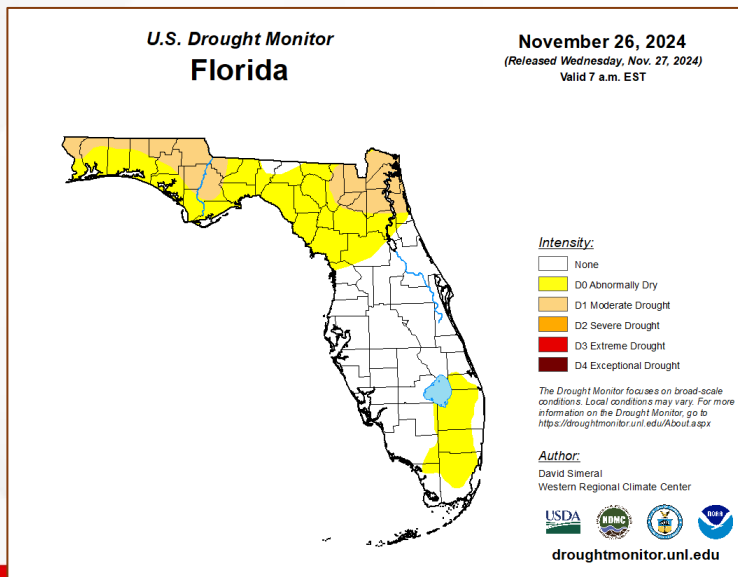
Drought & Fire Weather

Fire Weather: Much drier conditions will follow behind a passing cold front across the Florida Panhandle allowing for relative humidity values to fall **near critical thresholds** this afternoon (**20-35%**). **Sensitive wildfire conditions** will develop across the Florida Panhandle this afternoon' however, lighter northerly to northeasterly winds will limit the extent of the overall wildfire threat. Across the rest of the state relative humidity values will remain above critical thresholds, but **wind gusts of 15-20 mph** will develop. According to the [Florida Forest Service](#), there are 17 active wildfires across the state burning approximately 26.5 acres.

Drought: Severe drought was removed along portions of the Panhandle and the upper Apalachicola River on the latest update released on 11/28. Light to moderate rainfall was observed along portions of the Florida Panhandle, some areas receiving 3-4" of rainfall, which has led to improvements on soil moisture and streamflow. Above normal temperatures this for this time of year and lack of substantial rainfall has led to expanding **moderate drought conditions** across Northeast Florida and towards the Suwannee Valley. As well, *abnormally dry (emerging drought) conditions* have spread northward across interior Southeast Florida.

The Keetch-Byram Drought Index average for Florida is **365 (+4)** 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).

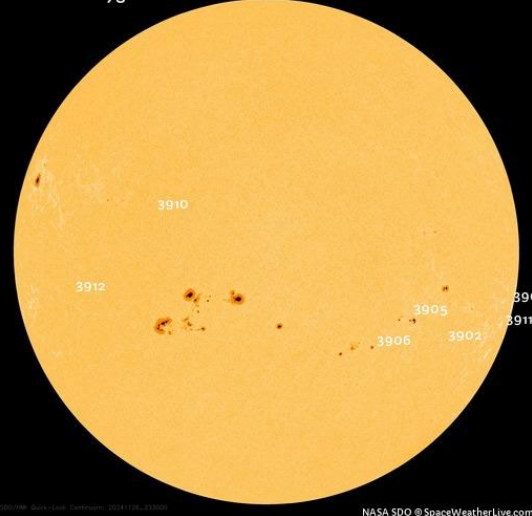
Keetch Byram Drought Index (KBDI)
County Averages for November 29, 2024





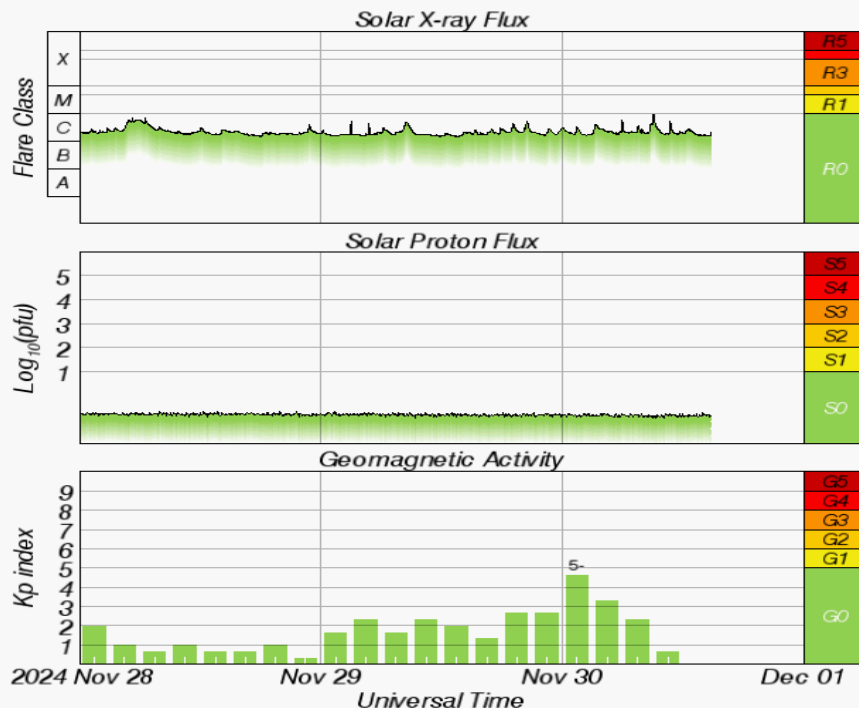
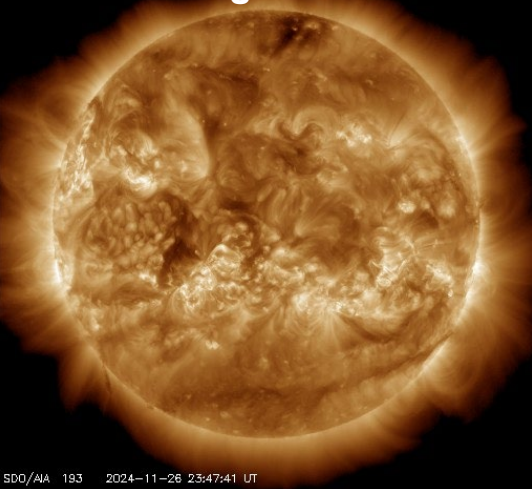
Space Weather

HMI Intensitygram



Current Sunspots

Earth-facing Coronal Holes



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 40%	Geomagnetic Storm: None	C9 Solar Flare
X-class: 10%	Radiation Storm: None	No Radio Blackout

48-Hour Geomagnetic Forecast	
11/30	12/1
Max Kp= 5 (G1)	Max Kp= 2 (G0)
Chance of minor activity = 10% severe activity = 1%	Chance of minor activity = 5% severe activity = 1%

Space Weather: There is a chance for minor to moderate radio blackouts (R1-R2) within the stronger and more organized solar flare activity, with a slight chance for a strong (R3) radio blackout possible with sunspot #3906's flare activity. This sunspot has an unstable magnetic field and could pose a risk for significant (X-class) solar flares over the next 24 hours. Solar wind is forecast to remain enhanced today due to further coronal hole influences; mostly nominal conditions are likely 12/1. The geomagnetic field is forecast to reach active to isolated minor geomagnetic storming levels today (G1); however, widespread organized geomagnetic storming is not anticipated and the overall space weather threat to Florida remains 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:	MSAT 888-890-5178 or Iridium 480-263-8838	Operational	
Website:	http://www.floridadisaster.org	Operational	

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