



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Friday, November 29, 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	Jay Griffin	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Jim Lawhon	(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	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

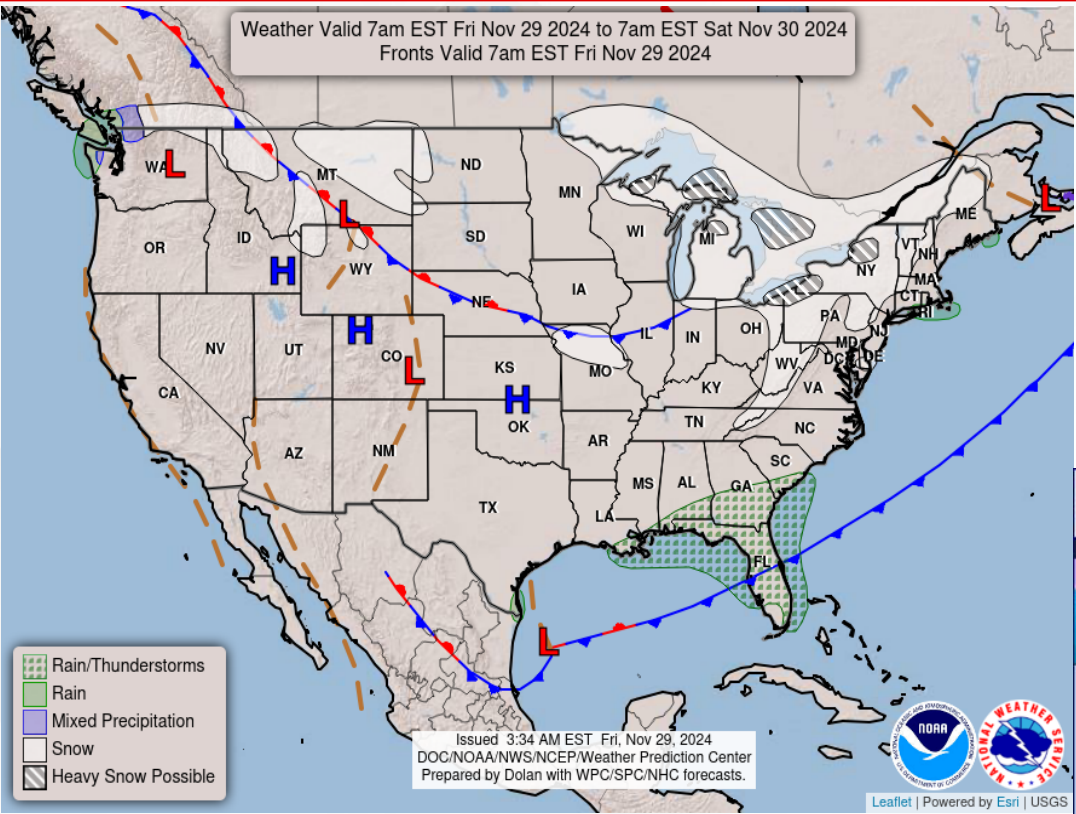
Region 6 coverage provided by Region 5 Recovery Coordinator

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

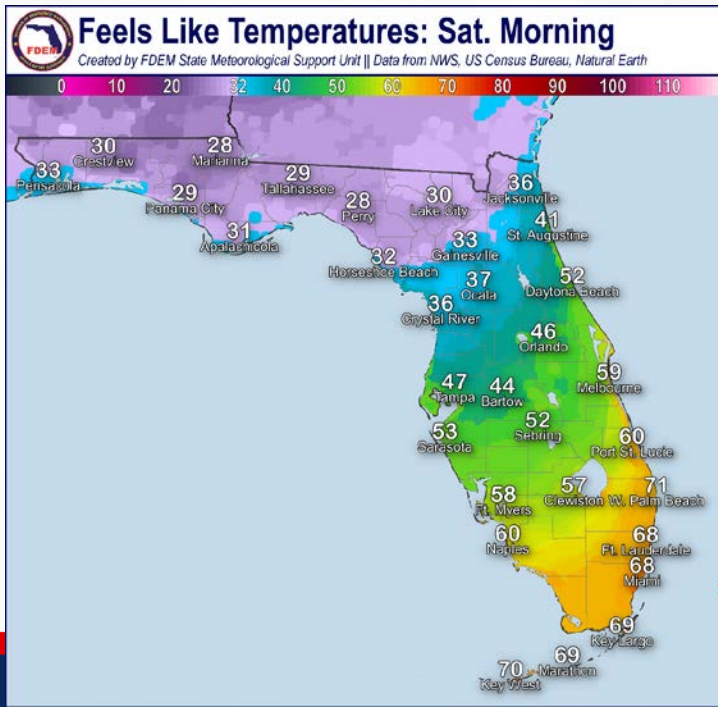
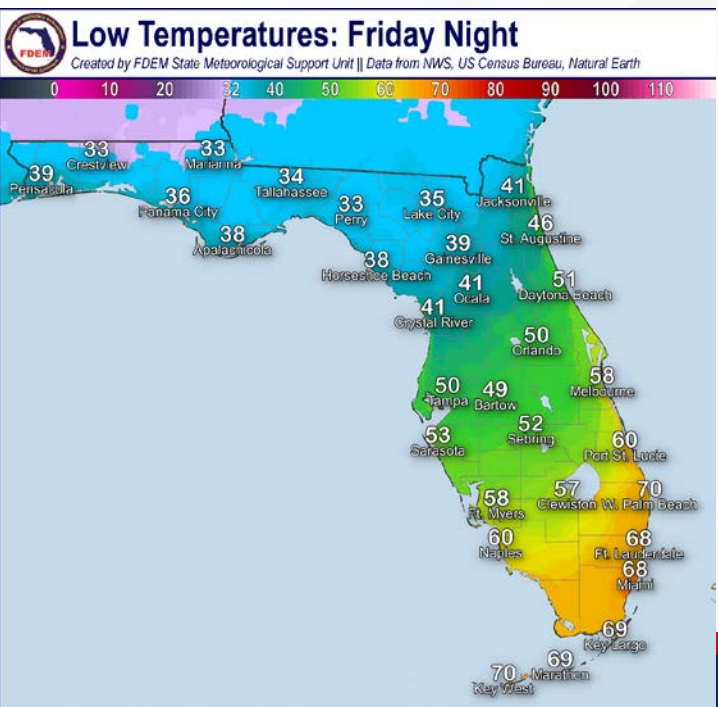


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	L	L			L	L	L	L		
Tornado										
Damaging Wind/Hail										
Flash Flooding										
Fog (Overnight)										
Riverine Flooding										
Fire Weather	M									
Freeze (Overnight)										
Rip Currents	M	M	M	M	H	M		H	M	M
Lake Okeechobee Elevation:	15.84 ft. (0.98 ft. Above Normal)									
Keetch-Byram Drought Index:	362 (+6) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

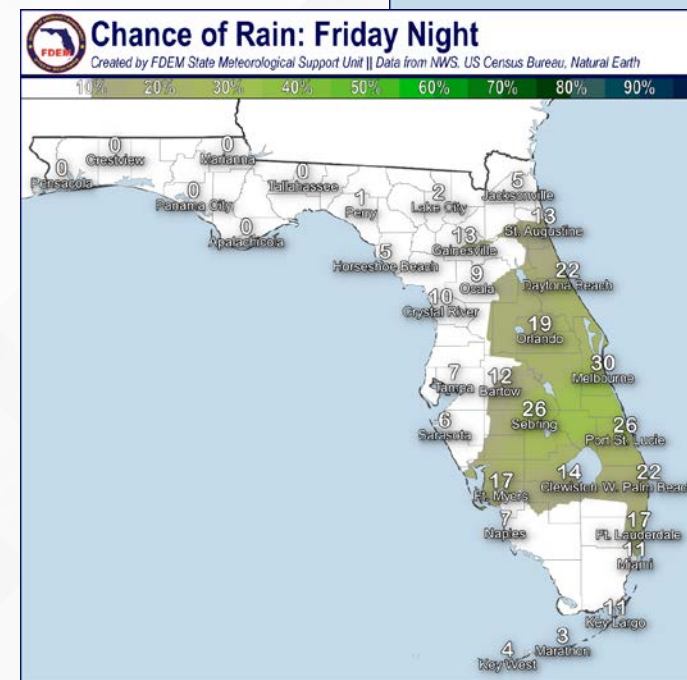
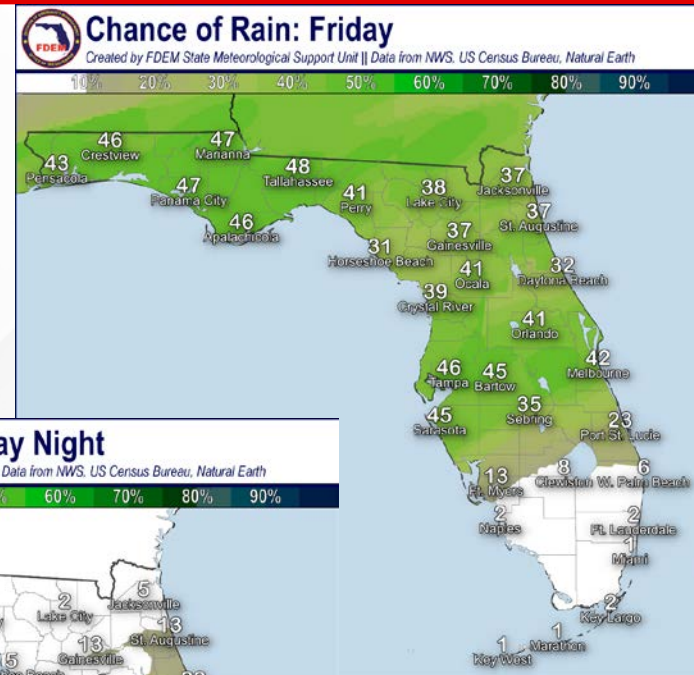
Statewide Overview, Next 24 Hours:

Yesterday's cold front continues to make its way through Central Florida bringing isolated to widely scattered showers and embedded thunderstorms throughout North and Central Florida (25-50% chance of rain). These showers and possible thunderstorms will continue to push south and eastward throughout the day as a strong area of high pressure moves over the Mississippi Valley. **Breezy wind gusts of 15-20 mph** can be expected to develop by this afternoon across the state, with **stronger wind gusts upwards of 25 mph** possible along the western Panhandle.

Drier conditions will follow behind the cold front across North and Central Florida throughout the evening and overnight hours as the strong area of high pressure ushers much colder and drier air southward. Lingering showers may continue across portions of South Florida overnight; however, activity will be limited as the frontal boundary begins to lose its moisture content (15-30% chance of rain).

Cloud cover and cooler air filtering southward will keep high temperatures in the middle to upper 50s and low 60s across North Florida. Central and South Florida will continue to see above normal temperatures for this time of year in the middle to upper 70s and low 80s, with portions of Southeast Florida seeing high temperatures near the middle 80s.

Colder air will quickly move in behind the cold front dropping low temperatures into the 30s across North Florida and low to middle 40s across Northeast Florida to Nature Coast. The **first freeze of the season** will develop tonight across portions of the Panhandle where **temperatures as low as 30-31-degrees are expected**. **Freeze Warnings** have been issued for interior portions of the western Panhandle ahead of low temperatures overnight and early Saturday morning. Areas of **patchy frost** will also be possible throughout interior portions of the Panhandle and Big Bend if winds are able to remain calm enough. Waking up Saturday morning, **feels-like temperatures** will be in the **upper 20s to middle 30s** throughout North Florida and into the upper portions of Nature Coast. Low temperatures in the 50s can be expected across Central Florida through Lake Okeechobee. Throughout the rest of South Florida, low temperatures will remain in the 60s and near 70-degrees.

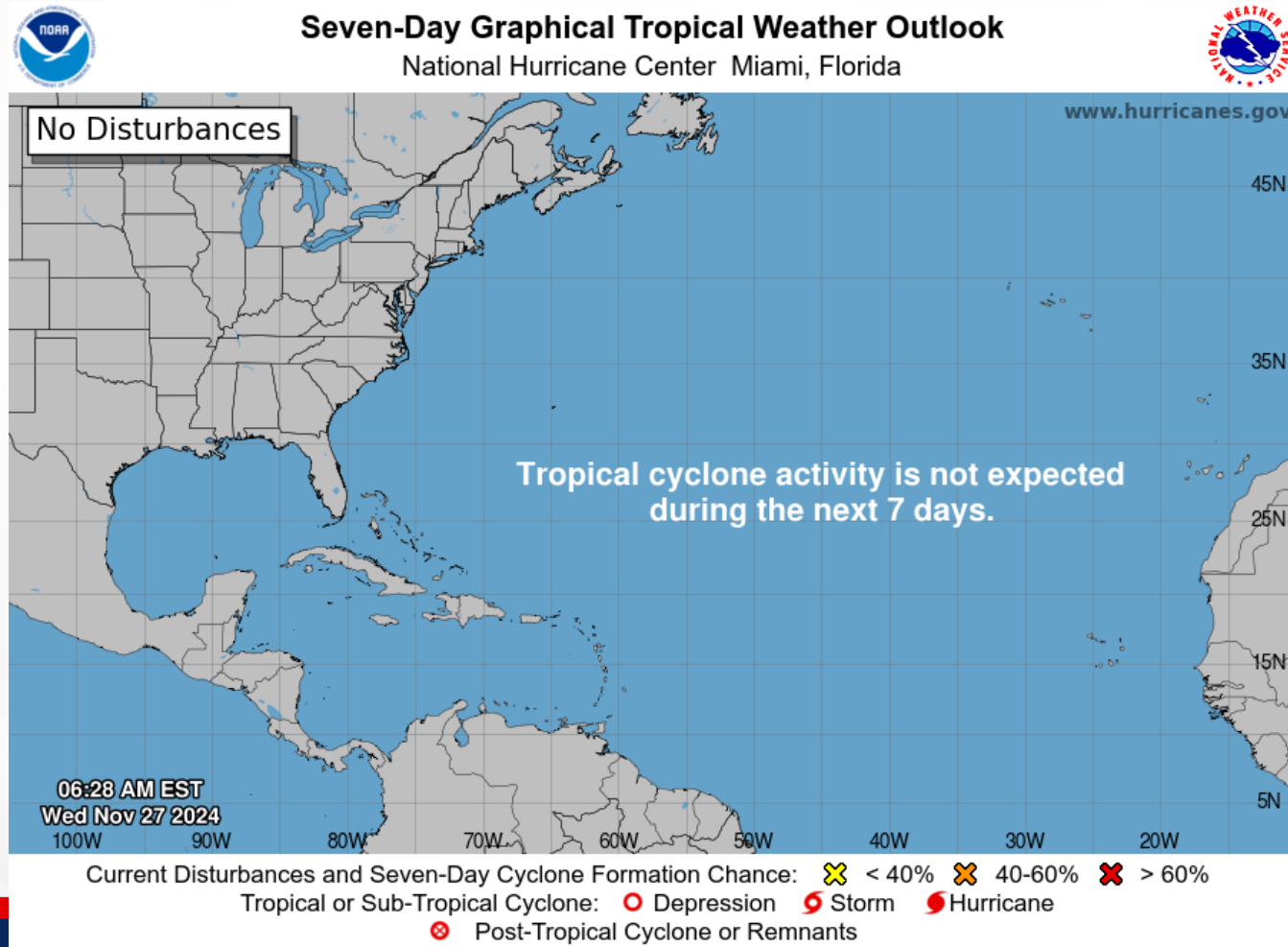




Tropical Weather

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

Tropical cyclone activity is not expected during the next 7 days.





Coastal Hazards & Hydrology

Rip Currents: A **moderate to high risk for rip currents** extends for beaches across North and Central Florida due to breezy conditions and developing ocean swells. A low to **moderate risk for rip currents** can be expected across South Florida beaches. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: North and Central Florida beaches can anticipate **wave heights of 2-4'** behind a passing cold front, with larger **breaking waves upwards of 5'** further offshore. South Florida beaches can expect wave heights of 1-2'.

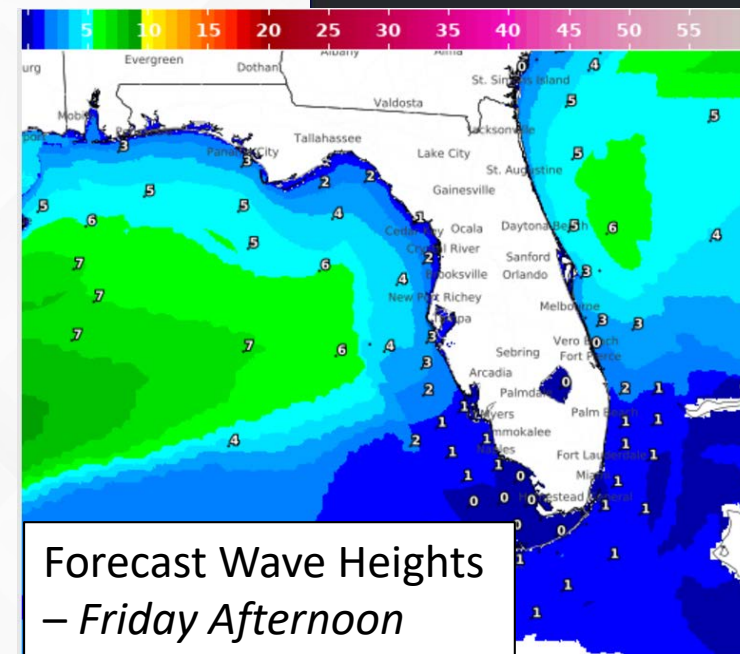
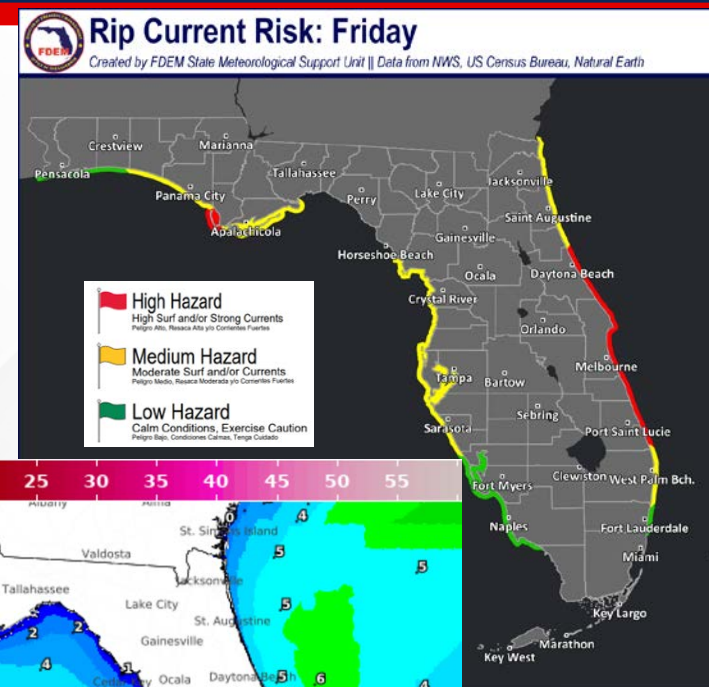
Red Tide has been observed in **73** samples collected from Florida's Gulf Coast over the past week (as of 11/26). Background to **low concentrations** were observed in Pinellas, Charlotte and Franklin Counties. **Medium to high concentrations** were observed in Hillsborough, Manatee and Sarasota Counties. **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 15.84 feet, which is within the operational band and 0.98 feet above normal for this time of year.





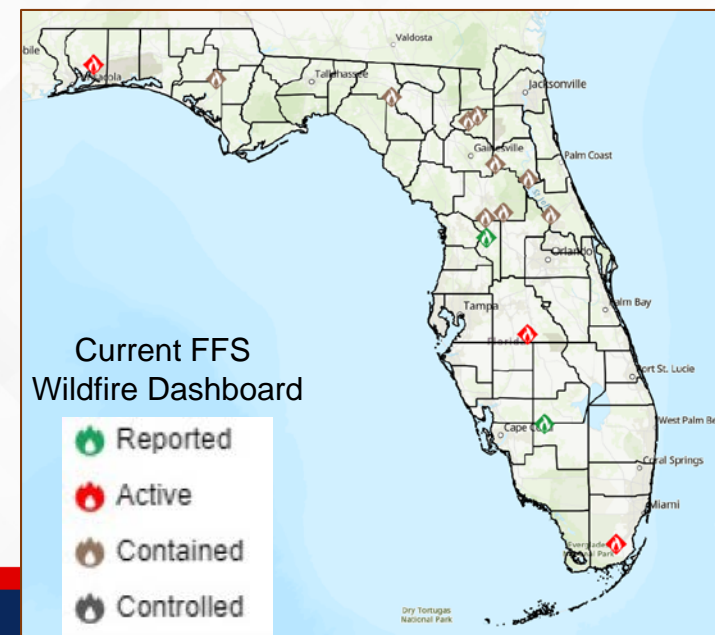
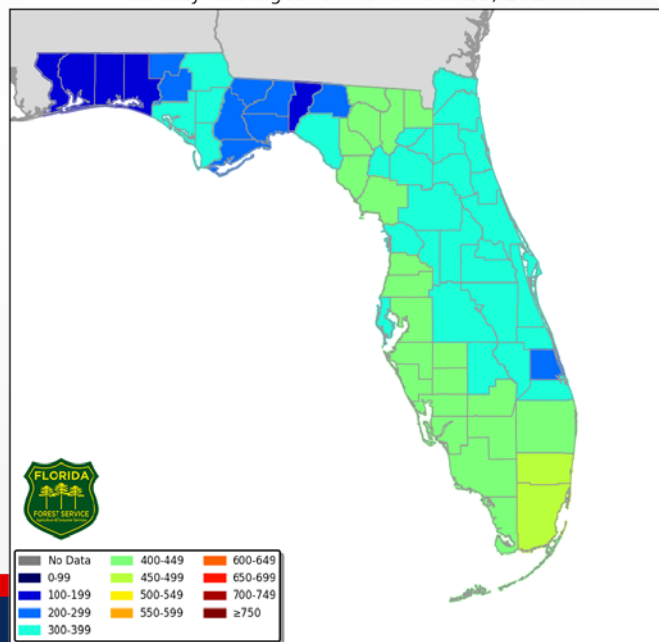
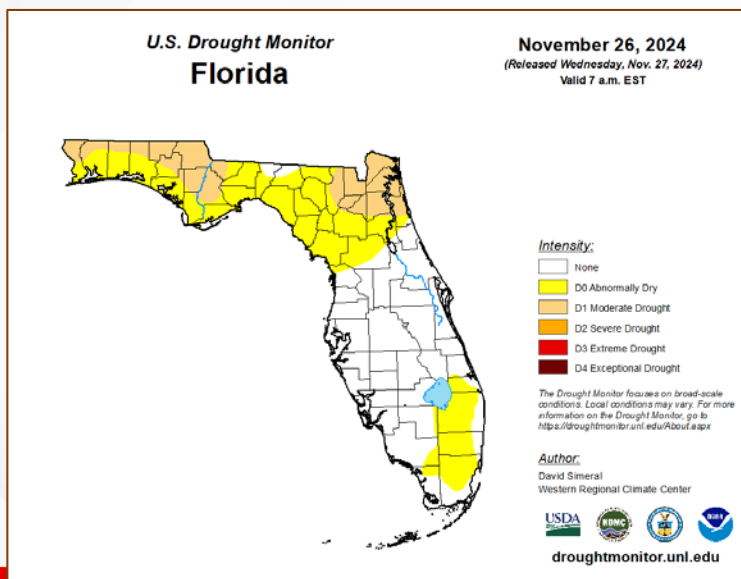
Drought & Fire Weather

Fire Weather: Much drier conditions will follow behind a passing cold front across the western Panhandle allowing for relative humidity values to fall **near critical thresholds** this afternoon (**35-40%**). **Sensitive wildfire conditions** will develop across the western Panhandle with near critical thresholds relative humidity values and **breezy wind gusts of 20-25 mph** developing this afternoon. 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 16 active wildfires across the state burning approximately 32 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 **362 (+6)** 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).

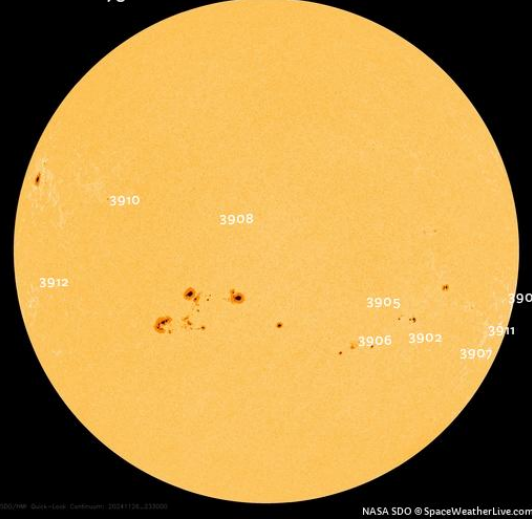
Keetch Byram Drought Index (KBDI)
County Averages for November 28, 2024





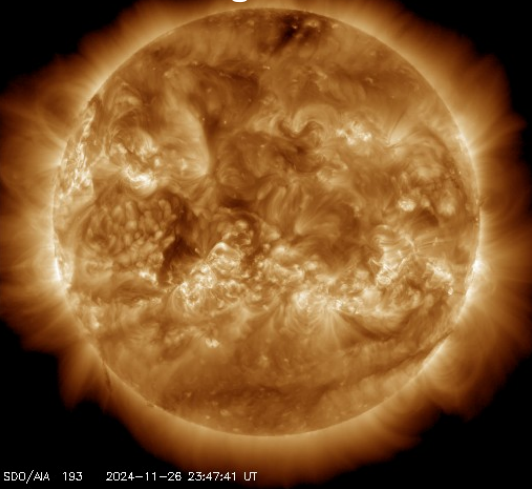
Space Weather

HMI Intensitygram



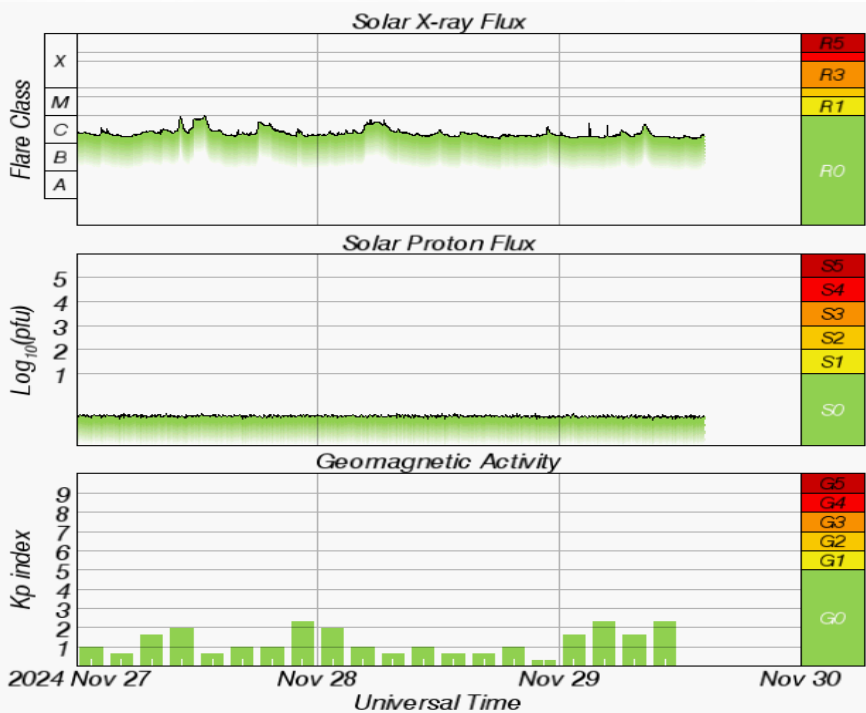
NASA SDO @ SpaceWeatherLive.com

Earth-facing Coronal Holes



SDO/AIA 193 2024-11-26 23:47:41 UT

Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 55%	Geomagnetic Storm: None	C5 Solar Flare
X-class: 20%	Radiation Storm: None	No Radio Blackout

48-Hour Geomagnetic Forecast	
11/29	11/30
Max Kp= 4 (G0)	Max Kp= 4 (G0)
Chance of minor activity = 35% severe activity = 20%	Chance of minor activity = 10% severe activity = 1%

Space Weather: Moderate solar activity will be possible throughout the day with strong (M-class) solar flares and significant (X-class) solar flares possible. Minor to moderate (R1-R2) radio blackouts will likely accompany any M-class solar flares and strong (R3) radio blackouts will likely accompany X-class solar flares. Active sunspot #3906 contains a magnetic field that harbors energy for X-class solar flares. As well, there is a chance for minor (S1) solar flares due to magnetic complexity of #3906. Solar wind conditions will remain enhanced through today with lingering influences from the Coronal Mass Ejection (CME) that struck late yesterday. Coronal Hole High Solar Stream (CH HSS) conditions will likely keep the solar wind environment through the end of the weekend. The CME that struck yesterday was much weaker than expected and did not spark any geomagnetic storms. Quiet to active geomagnetic conditions, with instances of minor (G1) geomagnetic storms are possible through today, with lingering quiet to active conditions possible tomorrow. Geomagnetic conditions will wane by Sunday. The overall space threat to Florida is 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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