



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Monday, December 30, 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	Caitlyn Gillespie	(850) 688-2119	Caitlyn.Gillespie@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	Matthew Peloso	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Kaya Dungey	(850) 815-4001	SWP@em.myflorida.com
Meteorologist	Kennedy Tattt	(850) 567-6368	Kennedy.Tattt@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	Tim Kenyon	(850) 591-7733	Tim.Kenyon@em.myflorida.com
Infrastructure Branch Director	Tony Harris	850-273-0954	Tony.Harris@em.myflorida.com
ESF 8 On-Call	Hunter Stafford	(866) 786-4673	DLDODHutyOfficers@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	Out of Service	Leave (See Coverage)
Region 2: Willie Bouie	Out of Service	Leave (See Coverage)
Region 3: Glen Hammers	Columbia	End of Month Admin
Region 4: James Carter	Duval	End of Month Admin
Region 5: Austin Beeghly	Out of Service	Leave (See Coverage)
Region 6: Paul Siddall	In Region	On- Call Status
Region 7: Vacant	N/A	N/A
Region 8: Mason Kozac	Indian River	End of Month Admin
Region 9: Theresa Hendry	Sarasota	Office Admin
Region 10: Claudia Baker	Miami-Dade	End of Month Admin

Region 1 Coverage Provided by Recovery Coordinator 1

Region 2 Coverage Provided by Response Coordinator 3

Region 5 Coverage Provided by Response Coordinator 4

Region 7 Coverage Provided by Recovery Coordinator 7



Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Allison Blevins	Okaloosa	Vehicle Maintenance
Region 2: Justin Lazzara	Out of Service	Leave (See Coverage)
Region 3: Patrick James	Alachua	External Stakeholder Meeting
Region 4: Joshua Saunders	Clay	Recovery Meeting
Region 5: Elizabeth Caison	Out of Service	Leave (See Coverage)
RRCT Manager	Out of Service	Leave (See Coverage)
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	Polk	End of Month Admin. Duties
Region 8: Ja-Pheth Butler-Miller	Indian River	Internal Stakeholder Meeting
Region 9: Kathryn Thompson	Out of Service	Leave (See Coverage)
Region 10: Dana McGeehan	Out of Service	Leave (See Coverage)

R2 coverage provided by Recovery RC 3

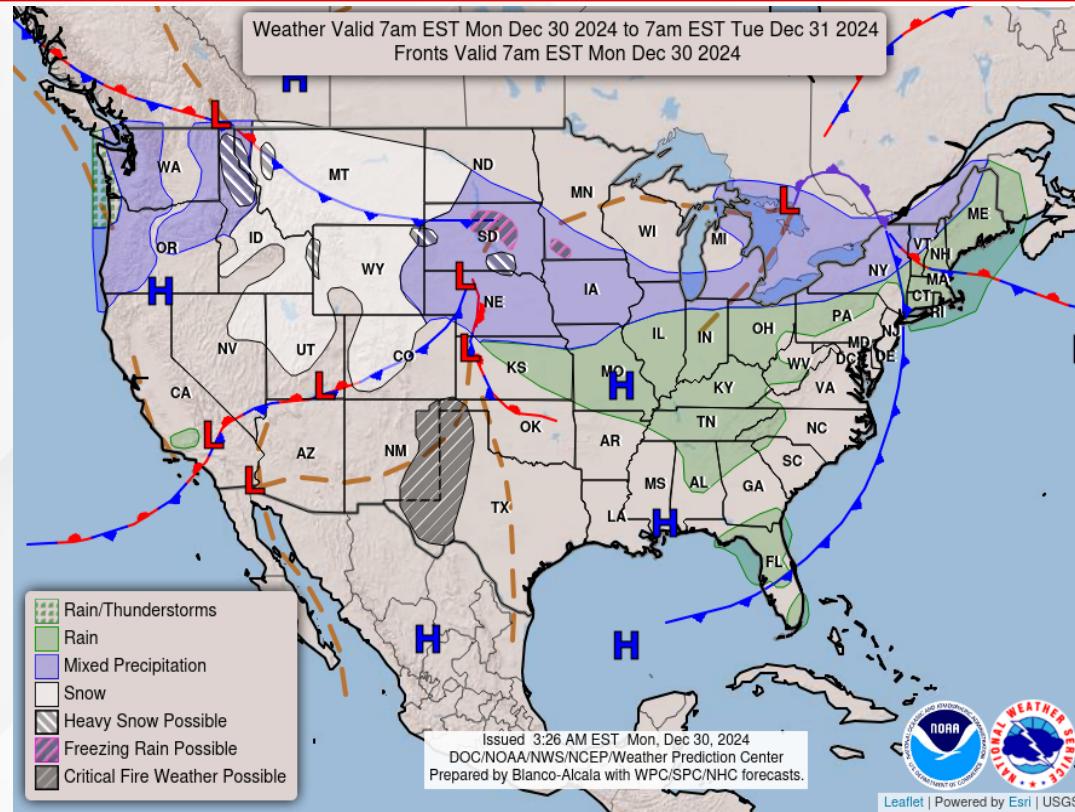
R5 and R6 coverage provided by Recovery RC 4

R9 and R10 coverage provided by Recovery RC 8

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

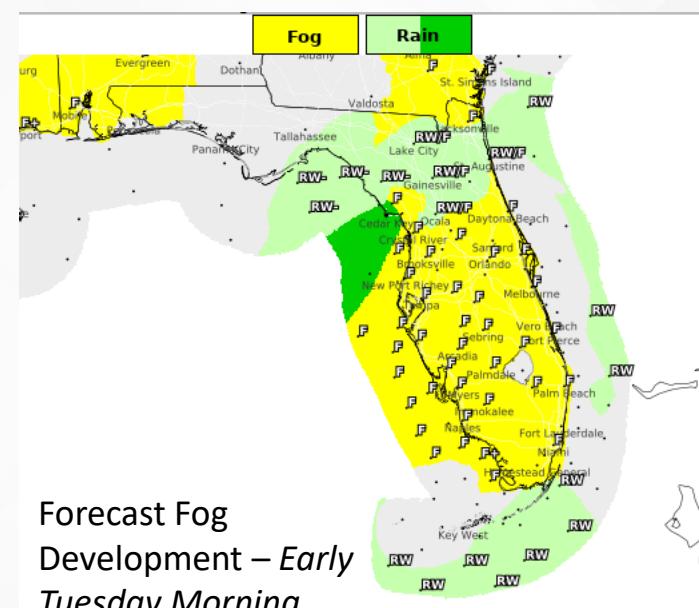
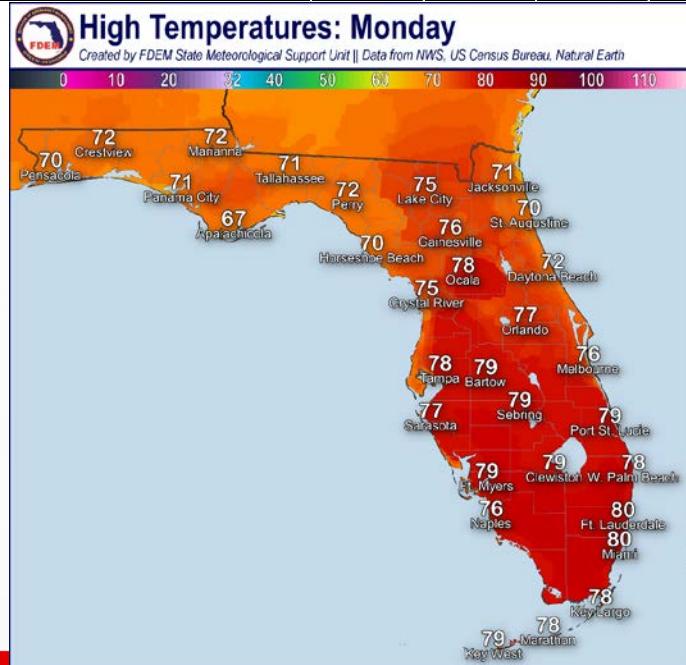


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning										
Tornado										
Damaging Wind										
Hail										
Flash Flooding										
Fog (Overnight)	L	L	L	M	M	M	M	M	M	M
Freeze (Overnight)										
Fire Weather										
Rip Currents	M	H	L	M	M	L	M	L	L	L
Lake Okeechobee Elevation:	15.15 ft. (0.50 ft. Above Normal)									
Keetch-Byram Drought Index:	373 (-21) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

Statewide Overview, Next 24 Hours:

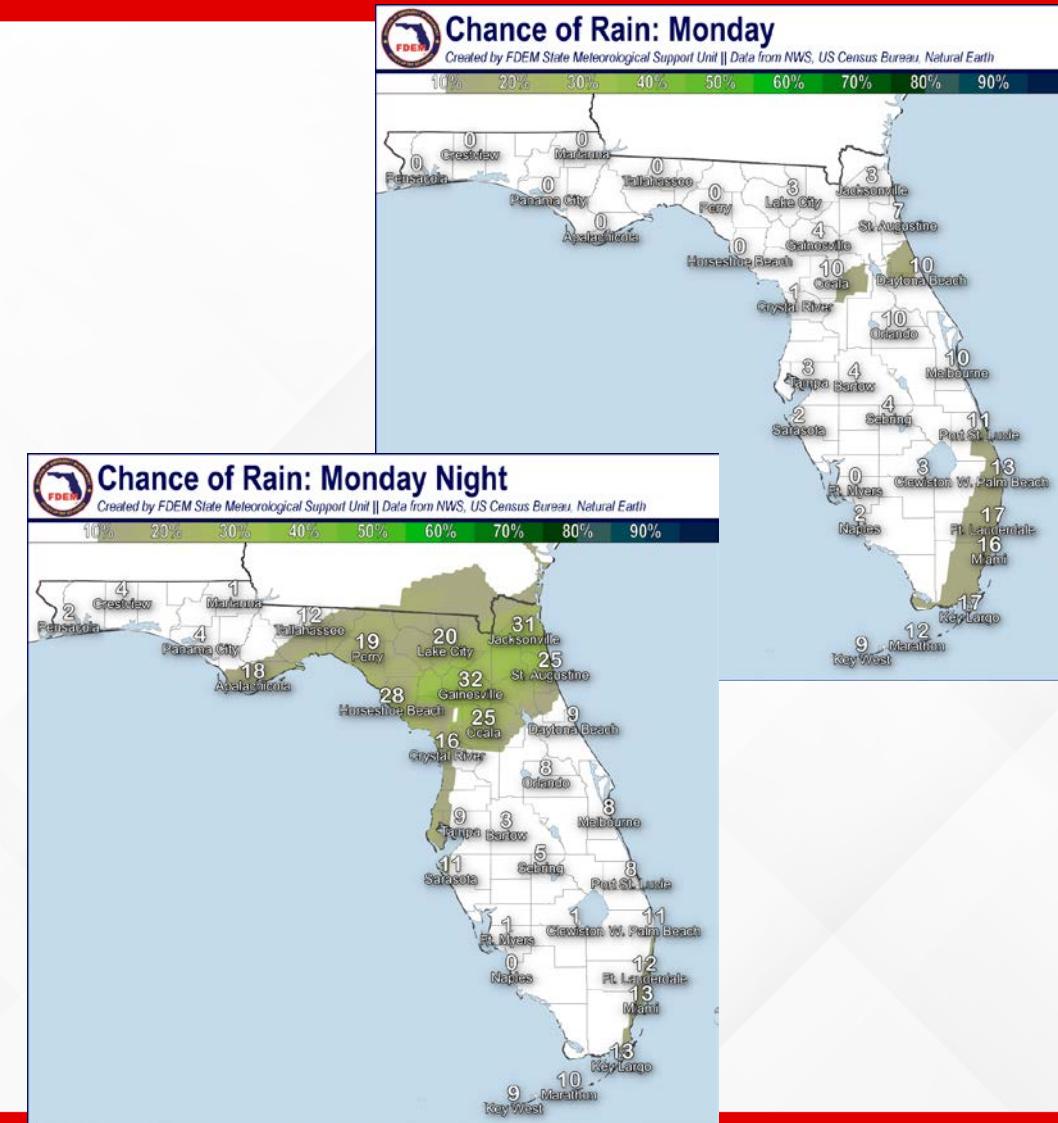
Dense Fog Advisories extend throughout North and West Florida as dense fog and low clouds have reduced **visibility to $\frac{1}{4}$ of a mile or less** at times. *If traveling this morning, please use caution by keeping enough distance to the car ahead and use low beam lights.* **Widespread fog** has developed across the state this morning and will linger through the mid-to-late morning hours before lifting and dissipating. Areas of sea fog near the coast may linger slightly longer

Calmer conditions can be expected today in the wake of the active weather pattern over the weekend. Yesterday's frontal boundary will linger across the Peninsula and remain draped there throughout the day. Lingering moisture near the frontal boundary may give way to spotty to isolated showers throughout the Peninsula today, with the greatest chance along the Southeast Florida coast (10-20% chance of rain). Any shower activity that develops should remain light and brief. Elsewhere across the state, mostly dry conditions can be expected with a mixture of sunshine and clouds.

High temperatures will warm up into the 70s across the state, with portions of the interior Peninsula and South Florida reaching near 80-degrees or the low 80s this afternoon.

Late this evening and overnight, the stalled front across the Peninsula will dissolve as the next cold front approaches from the west. Isolated to widely scattered showers will develop late overnight and into early Tuesday morning throughout the Big Bend and Suwannee Valley ahead of the next approaching cold front (20-30% chance of rain). Unlike the last front, severe weather is not expected with this front. Areas of **patchy to scattered fog** will be possible late overnight and early Tuesday morning throughout the state, with **areas of locally dense fog** possible in some areas. Widespread dense fog looks less likely overnight due to increased winds ahead of the approaching frontal boundary.

Low temperatures will fall into the low to middle 50s across North Florida, upper 50s to middle 60s across Central Florida and middle to upper 60s and low 70s across South Florida and the Keys.





Coastal Hazards & Hydrology

Rip Currents: A **moderate to high risk for rip currents** can be expected along Panhandle beaches due to onshore winds. A **moderate risk for rip currents** has returned to most of the Atlantic Coast. West Coast and Southeast Florida beaches can expect a low risk. A low risk can be expected elsewhere. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Wave heights of 1-3' can be expected across beaches statewide, with **breaking waves upwards of 4'** in the surf zone along Northeast Florida beaches.

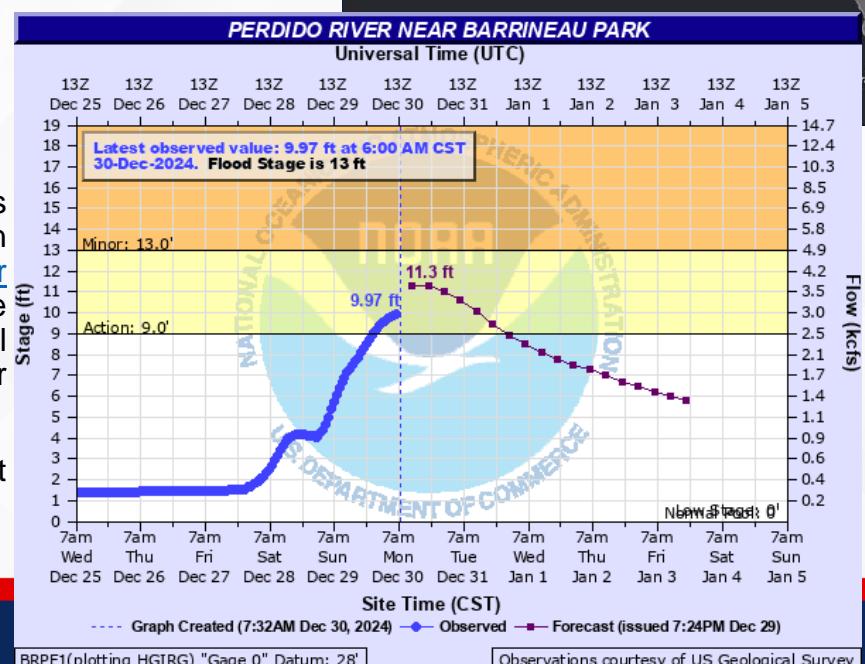
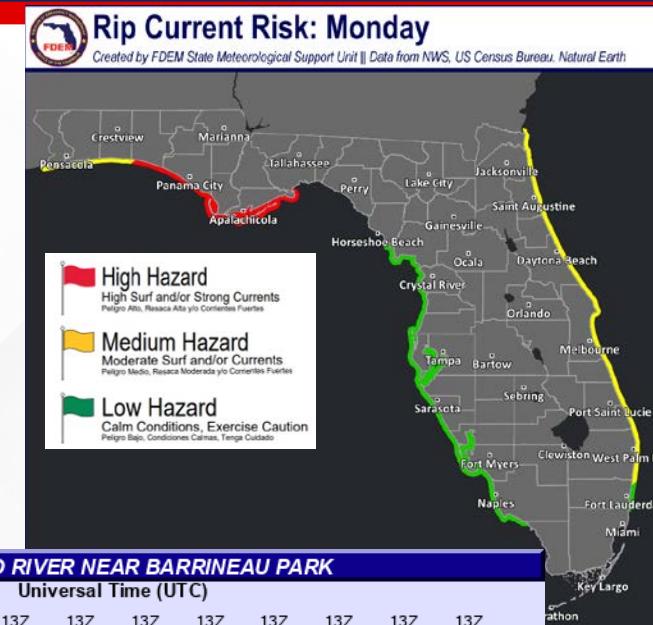
Red Tide has been observed in **35** samples collected Southwest Florida over the past week (as of 12/27). Background to **low concentrations** were observed in and offshore of Pinellas County, with background **concentrations** in Hillsborough County, background to **medium concentrations** in Manatee County, background to **low concentrations** Sarasota County, background to **very low concentrations** in Charlotte County, **low to medium concentrations** in and offshore of Lee County, background to **very low concentrations** in Collier County, and background concentrations offshore of Monroe County. **Fish kills** suspected of being related to red tide were reported along Lee County and **respiratory irritation** suspected to be related to red tide was reported in Sarasota County.

Coastal Flooding: Coastal flooding is not expected today.

Flash Flooding: Flash flooding is not expected today.

Riverine Flooding: A River Flood Warning has been issued for the [Perdido River near Barrineau Park](#) as water levels have risen into Action Stage and is forecast to crest tonight. Multiple rivers along the western Panhandle including, [Escambia River near Century](#), [Big Coldwater Creek near Milton](#), [Blackwater River near Baker](#), [Yellow River at Milligan](#), [Shoal River near Crestview](#) and [Choctawhatchee River at Caryville](#), are within or forecast to rise into Action Stage (bank-full) over the next few days due to the heavy rainfall associated with the active weather pattern this past weekend. No additional river flooding is expected. For more information, visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 15.15 feet, which is within the operational band and 0.50 feet above normal for this time of year.



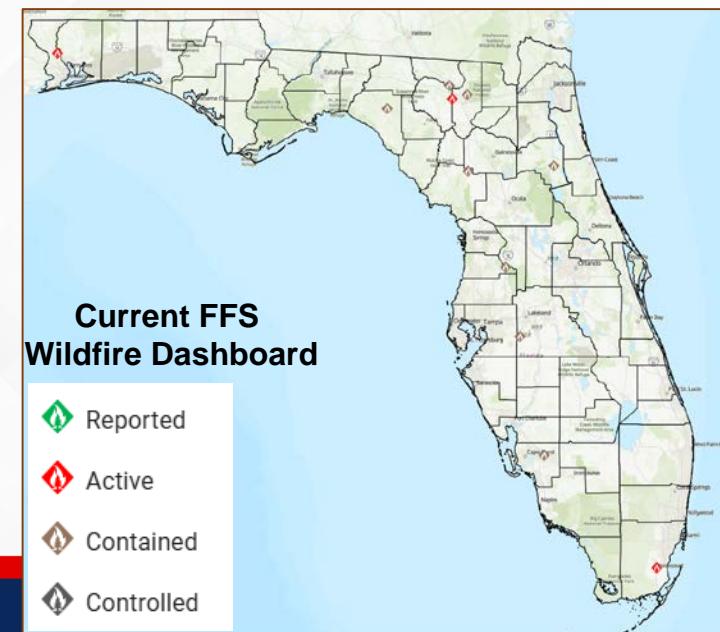
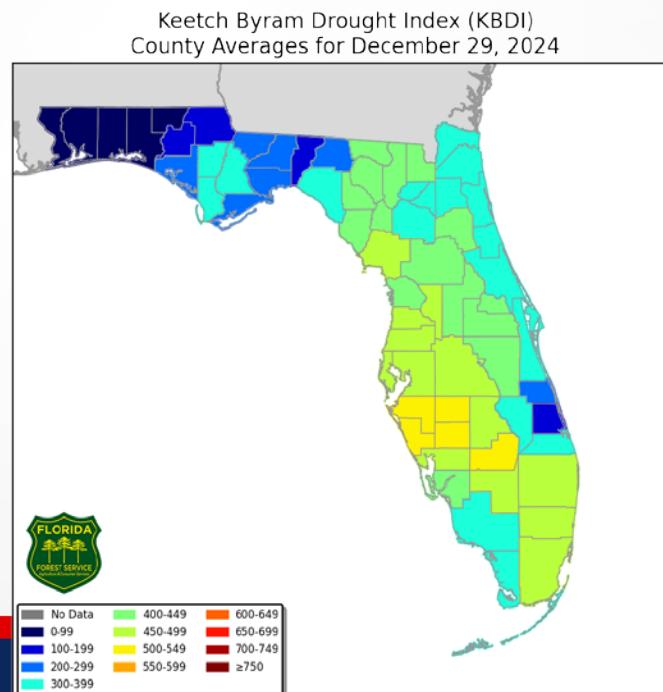
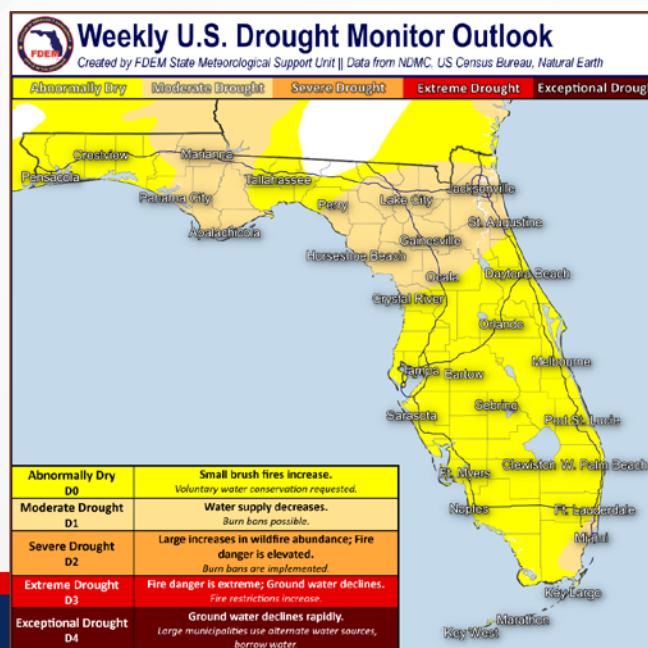


Drought & Fire Weather

Fire Weather: Dense Fog Advisories extend throughout North and West Florida as dense fog has reduced visibility to $\frac{1}{4}$ of a mile or less at times. Scattered to widespread fog has developed across the state this morning, with areas of dense fog, and conditions should linger through the mid-to-late morning hours before lifting and dissipating. Despite drier conditions in the wake of yesterday's frontal boundary relative humidity values will continue to remain above critical thresholds across the state; however, portions of the northern I-75 corridor could see relative humidity values in the low to middle 40% late this afternoon. A stalled frontal boundary draped across the Peninsula will allow for spotty to isolated showers throughout the Peninsula today and any rainfall associated with these showers should remain light and brief. Winds will remain calm and light throughout the daytime hours reaching upwards of 5-7 mph and wind gusts should also remain calm below 10 mph. Given the beneficial rainfall on Sunday grounds and soils remain saturated across the state helping to keep the wildfire threat low. Patchy to locally dense fog will be possible overnight and early Tuesday morning throughout the state. Foggy conditions may further reduce visibility where there are ongoing wildfires. According to the [Florida Forest Service](#), there are 11 active wildfires across the state burning approximately 30 acres.

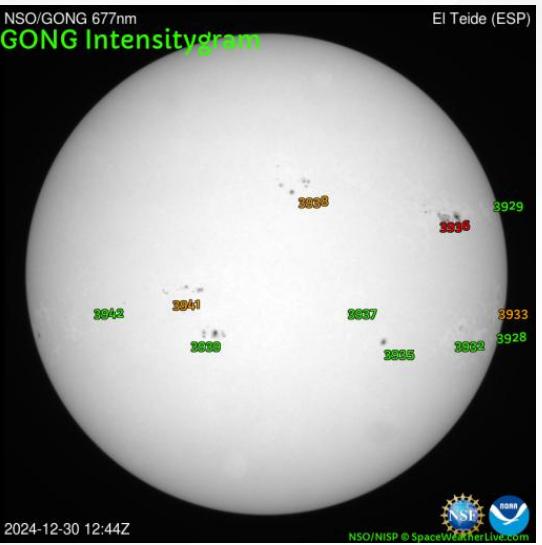
Drought: Increasing 60-day rainfall deficits of more than 4" has led to the addition of short-term **Moderate Drought** to portions of South Florida on this week's Drought Monitor update (as of 12/25). In addition, soil moisture and 28-day stream flows are beginning to fall below the 20th percentile across the Atlantic coastal areas of South Florida. **Moderate Drought conditions** remain in place across the Northern Peninsula and portions of the Central Florida Panhandle as mostly dry conditions have persisted over the past week. **Abnormally Dry (emerging drought)** conditions continue to spread across the rest of the Sunshine State. The Climate Prediction Center (CPC) is outlooked near to below normal temperatures and below normal rainfall nearly statewide over the next week or so which may cause drought conditions to further deteriorate.

The Keetch-Byram Drought Index average for Florida is **373 (-21)** on a scale from 0 (very wet) to 800 (very dry). There are **5** Florida counties (DeSoto, Glades, Hardee, Manatee, and Sarasota) with an average KBDI over 500 (drought/increased fire danger).

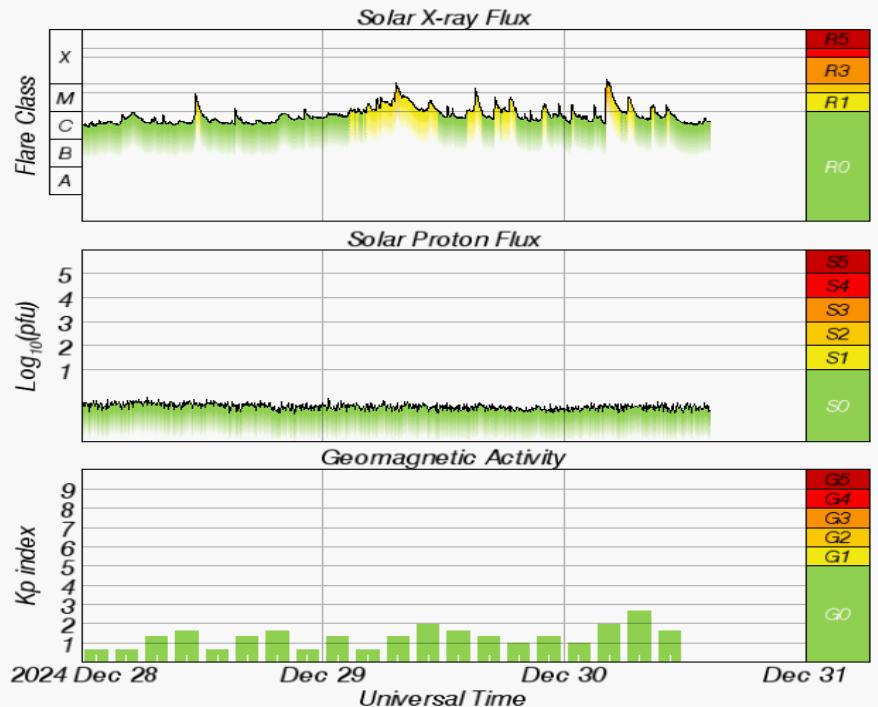




Space Weather



Current Sunspots



Space Weather: Solar activity will likely continue at low to moderate levels as strong (M-class) solar flares are expected and there is a chance for an isolated significant (X-class) solar flare. Sunspot #3936 contains a magnetic field that poses a threat to X-class solar flares. As well, there are several other active sunspots on the surface of the sun that are Earth-facing. Minor to moderate (R1-R2) radio blackouts can be expected with M-class flares and strong (R3) radio blackouts can be expected with X-class solar flares. Weak enhancements to the solar wind field are possible through today. Greater enhancements are likely to develop tomorrow (12/31) due to anticipated arrival of a Coronal Mass Ejection (CME) that left the sun yesterday. Additional weak enhancements are possible on 1/1 with the likely arrival of a second CME. With the amount of active Earth-facing sunspots, there is a chance for minor (S1) solar radiation storms through 1/1. Quiet to unsettled geomagnetic conditions are expected today with a mostly nominal solar wind field. Isolated periods of strong (G3) geomagnetic storming are likely tomorrow (12/31) due to the effects from the arrival of the CME. A G3 Geomagnetic Storm Watch has been issued for tomorrow. Lingering minor to moderate (G1-G2) geomagnetic storm conditions will continue into 1/1 with the arrival of the anticipated second CME. Confidence in exact storm strength and timing is slightly lower. The overall space threat to Florida is low.

Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 80%	Geomagnetic Storm: G3 Watch – 12/31	X1 Solar Flare
X-class: 30%	Radiation Storm: None	R3 Radio Blackout

48-Hour Geomagnetic Forecast

12/30	12/31
Max Kp= 3 (G0)	Max Kp= 7 (G3)
Chance of minor activity = 5% severe activity = 1%	Chance of minor activity = 35% severe activity = 50%



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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