



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Wednesday, December 25, 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	Taylor Cheney	(850) 545-4047	Taylor.Cheney@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	Jim Lawhon	(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	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	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	Christmas Day (On-Call Status)
Region 2: Willie Bouie	In Region	Christmas Day (On-Call Status)
Region 3: Glen Hammers	Out of Service	Leave (See Coverage)
Region 4: James Carter	In Region	Christmas Day (On-Call Status)
Region 5: Austin Beeghly	Out of Service	Leave (See Coverage)
Region 6: Paul Siddall	In Region	Christmas Day (On-Call Status)
Region 7: Vacant	N/A	N/A
Region 8: Mason Kozac	In Region	Christmas Day (On-Call Status)
Region 9: Theresa Hendry	In Region	Christmas Day (On-Call Status)
Region 10: Claudia Baker	In Region	Christmas Day (On-Call Status)



Region 3 Coverage Provided by Recovery 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	In Region	Holiday
Region 2: Justin Lazzara	Out of Service	Leave (See Coverage)
Region 3: Patrick James	In Region	Holiday
Region 4: Joshua Saunders	In Region	Holiday
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	In Region	Holiday
Region 8: Ja-Pheth Butler-Miller	In Region	Holiday
Region 9: Kathryn Thompson	Out of Service	Leave (See Coverage)
Region 10: Dana McGeehan	In Region	Holiday

R2 coverage provided by Recovery RC 3

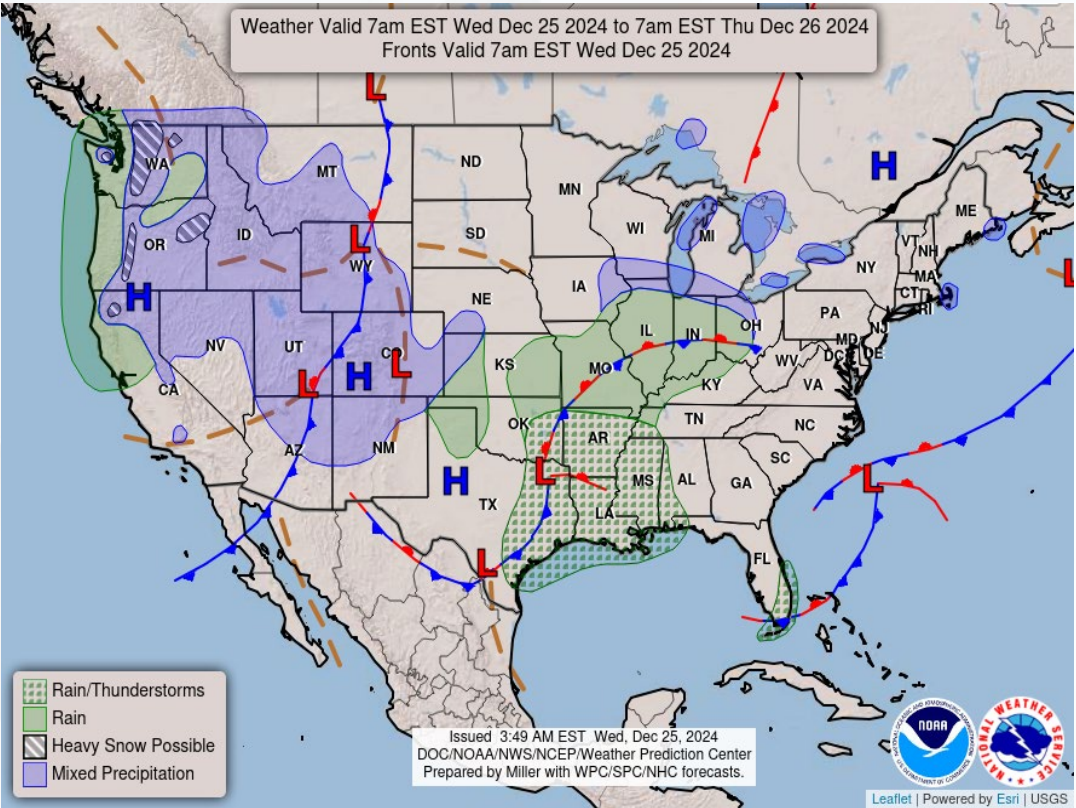
R5 and R6 coverage provided by Recovery RC 4

R9 coverage provided by Recovery RC 8

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

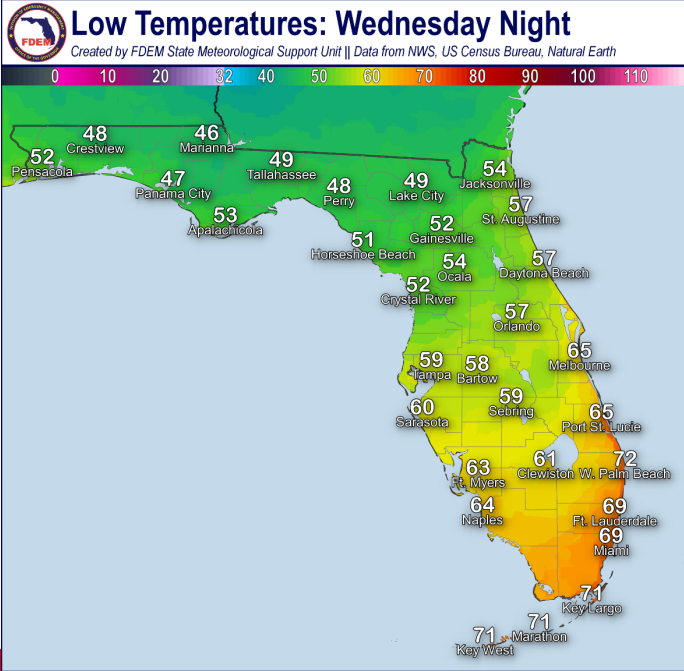
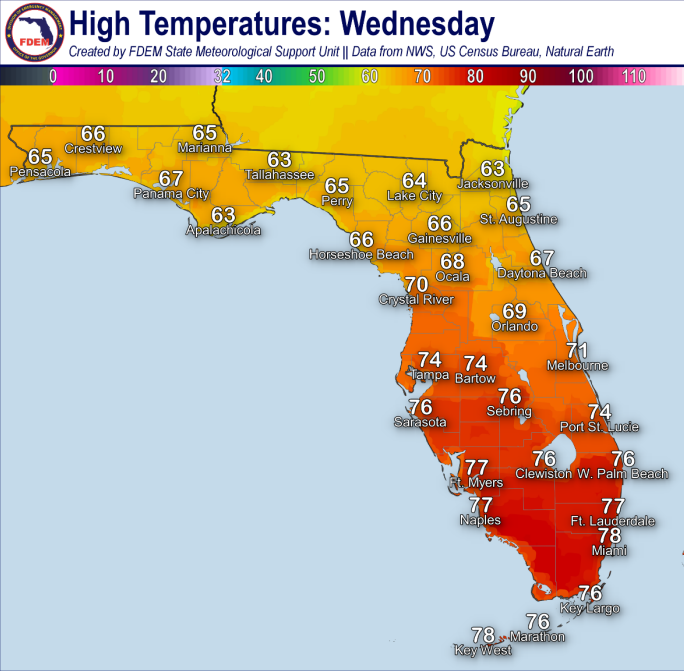


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning										
Tornado										
Damaging Wind										
Flash Flooding										
Freeze (Overnight)										
Fog (Overnight)			L	L	L	L	L	L	L	L
Fire Weather										
Coastal Flooding										
Rip Currents	M	M	L	H	H	L		H	L	H
Lake Okeechobee Elevation:	15.19 ft. (0.52 ft. Above Normal)									
Keetch-Byram Drought Index:	390 (+2) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

Statewide Overview, Next 24 Hours:

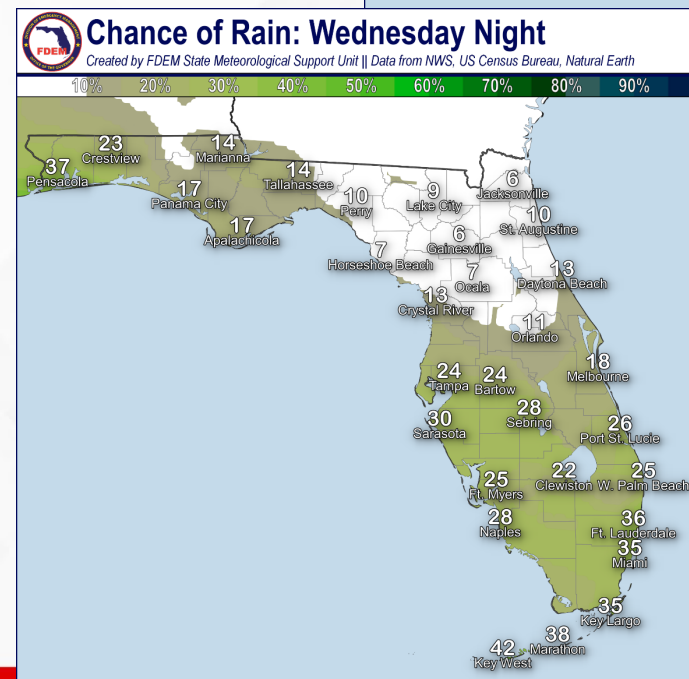
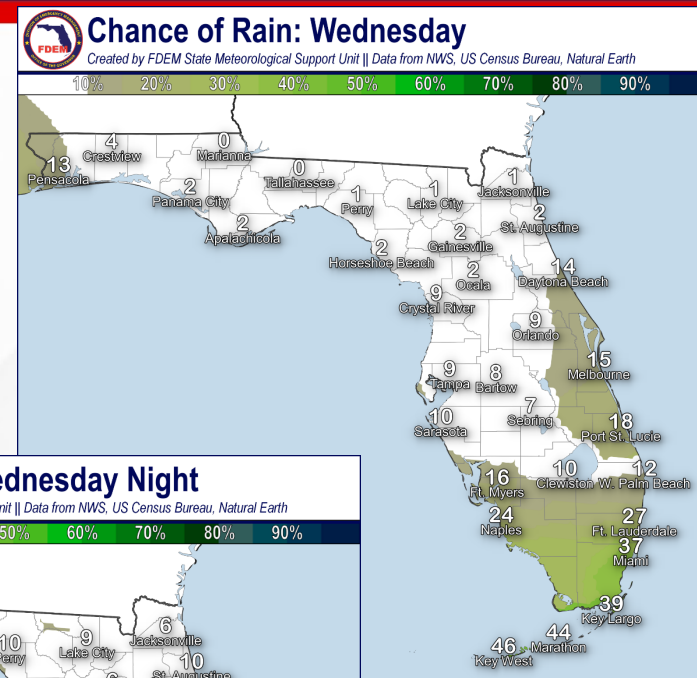
Areas of patchy to locally dense fog that have developed along the Eastern and Southern Peninsula this morning will gradually lift and dissipate through the mid-morning hours. **Reduced visibilities** along portions of the I-95 and I-75 corridor may create **hazardous driving conditions** this morning. *Remember to use low beam headlights and to leave plenty of distance between vehicles when driving through foggy areas.*

High pressure will continue to promote mostly dry conditions across the Sunshine State throughout the day (near 0-10% chance of rain). Isolated to widely scattered showers will be possible along the Space and Treasure Coasts and across South Florida and the Keys today thanks to breezy onshore winds, returning moisture, and a stalled frontal boundary remaining draped across South Florida (15-45% chance of rain).

Increased moisture will lead to increasing cloud cover across the state today. High temperatures will remain in the middle to upper 60s across North Florida this afternoon but continue to rise into the 70s across the rest of the state. Northeasterly to easterly winds near 5-10 mph can be expected across the state today with gusts near 10-15 mph.

Isolated to scattered showers will begin to develop across much of the state overnight as the area of high pressure to the north begins to break down, a stalled frontal boundary remains draped across North Florida, and the next upper-level disturbance approaches from the west (15-45% chance of rain). Winds will become more easterly overnight but remain near 5-10 mph with gusts near 10-15 mph.

Increasing cloud cover will keep low temperatures in the middle 40s to low 50s across the Florida Panhandle and Suwannee Valley, middle to upper 50s across the rest of North Florida, upper 50s to middle 60s across Central Florida, 60s across South Florida, and upper 60s to low 70s along the Southeast Coast and Keys. **Areas of patchy to locally dense fog** will be possible along the Peninsula overnight into Thursday morning, **reducing visibilities to 1 mile or less** at times and creating **potentially hazardous driving conditions**.





Coastal Hazards & Hydrology

Rip Currents: A **high risk for rip currents** can be expected along Florida's East Coast today. A **moderate risk** persists along numerous Florida Panhandle beaches. A low risk can be expected elsewhere. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Florida's Atlantic Coast will continue to see **wave heights near 2-5'** today with **locally higher 6' breaking waves** possible further offshore along the East Coast. Florida Panhandle and West Coast beaches can expect **wave heights near 1-3'** today **with locally higher 4' breaking waves** possible along the Panhandle overnight.

Red Tide has been observed in **99** samples collected from the Gulf Coast of Florida over the past week (as of 12/20). Background to **low concentrations** were observed in and offshore of Pinellas County, with background to **medium concentrations** in and offshore of Hillsborough County, background to **low concentrations** in and offshore of Manatee County, background to **medium concentrations** in and offshore of Sarasota County, background to **low concentrations** in and offshore of Lee County, background to **low concentrations** in and offshore of Collier County, and **very low concentrations** in Franklin County. **Fish kills** suspected of being related to red tide were reported offshore of Pinellas County and along Sarasota and Lee Counties and **respiratory irritation** suspected to be related to red tide was reported in Sarasota and Lee Counties.

Coastal Flooding: Coastal flooding is not expected today.

Flash Flooding: There is no organized risk for flash flooding today. Isolated to widely scattered showers will likely develop along the Space and Treasure Coasts and South Florida and the Keys throughout the day; however, widespread rainfall totals are expected to remain well below 1" with locally higher totals near 1-2" possible.

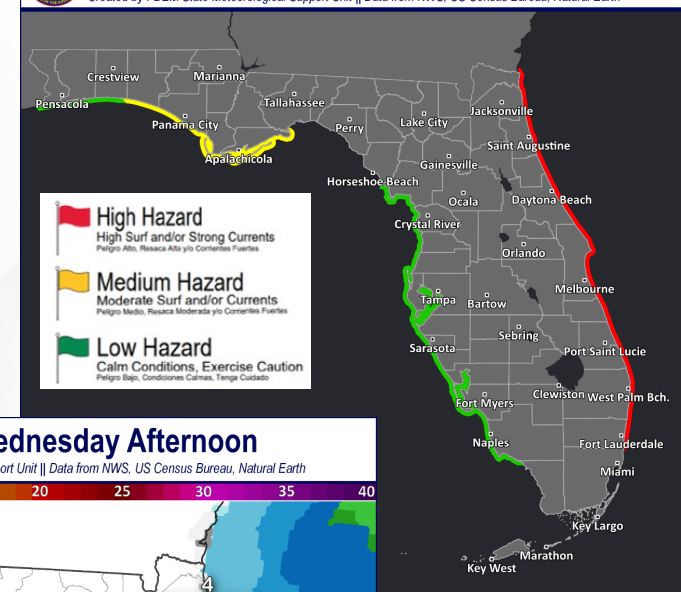
Riverine Flooding: Water levels along the [St. Johns River at Astor](#) have risen into Action Stage (bank-full) as a result of trapped tides in the basin struggling to discharge due to onshore winds and swells along the coastline. Some additional rises in water levels is possible today; however, riverine flooding is not expected at this time. There are no additional riverine flooding concerns across Florida. For more information, visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 15.19 feet, which is within the operational band and 0.52 feet **above** normal for this time of year.



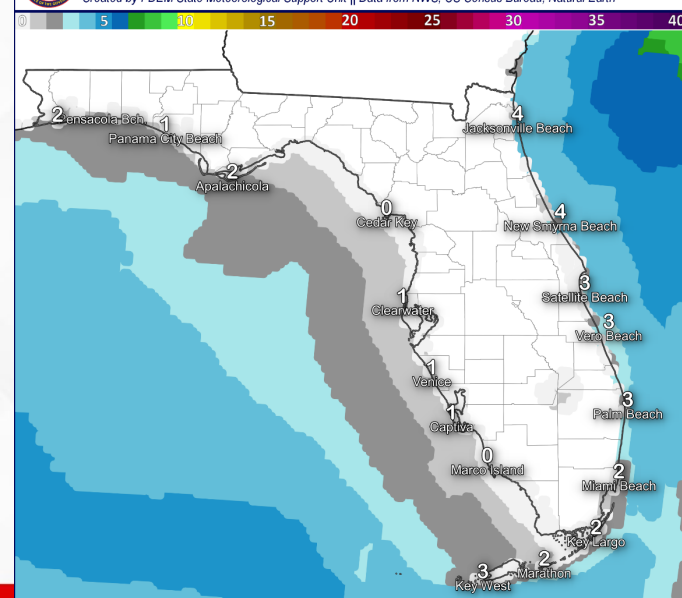
Rip Current Risk: Wednesday

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



Wave Heights: Wednesday Afternoon

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



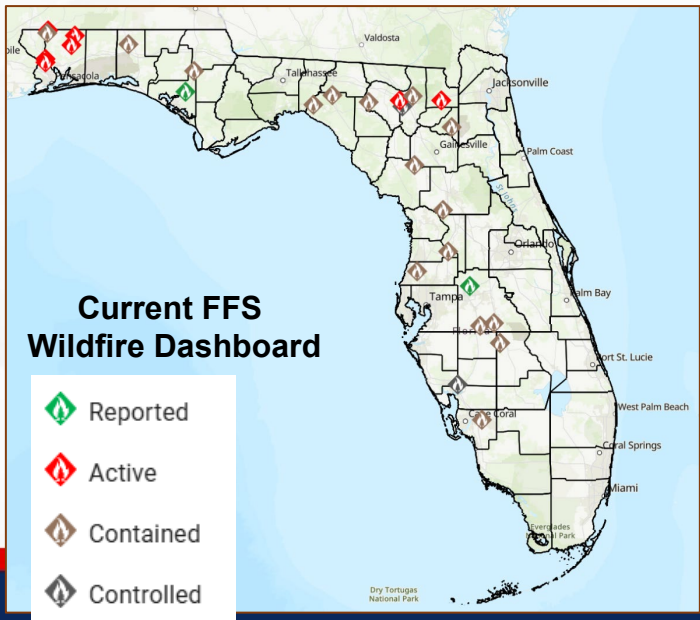
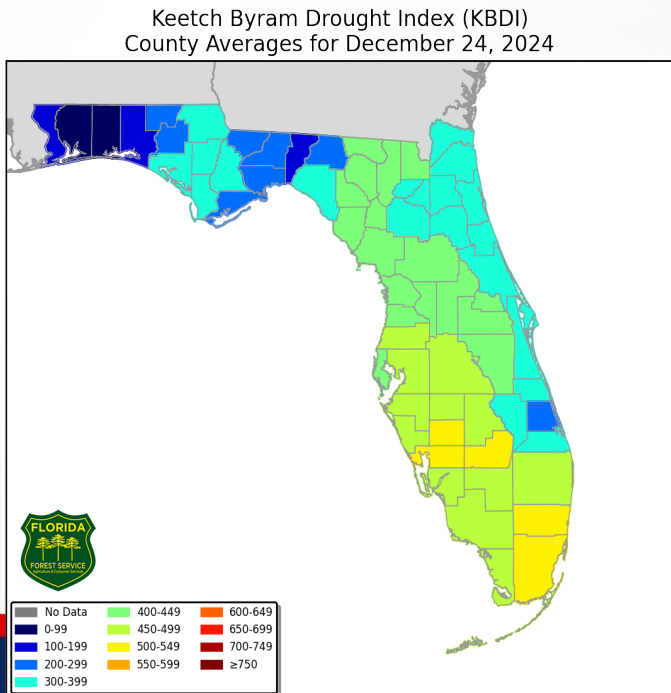
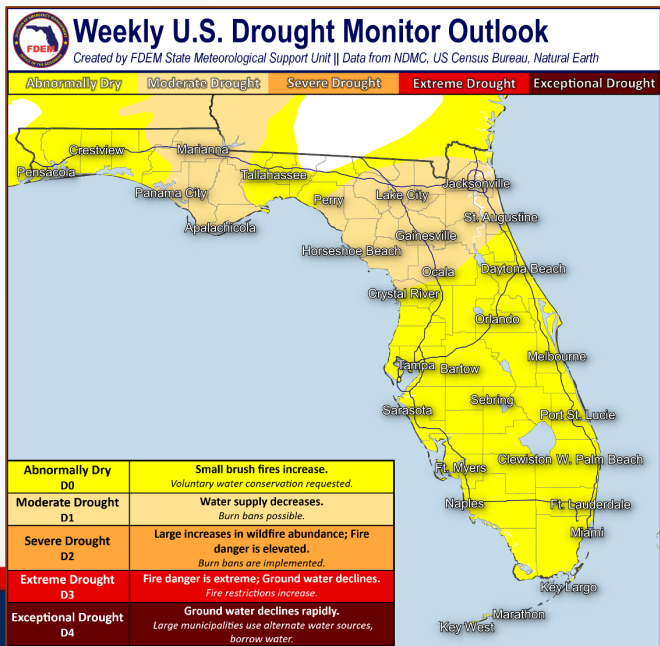


Drought & Fire Weather

Fire Weather: Areas of patchy to locally dense fog that have developed along the Eastern and Southern Peninsula this morning will gradually lift and dissipate through the mid-morning hours. *Foggy conditions can further reduce visibilities in areas with ongoing wildfires.* High pressure will continue to promote mostly dry conditions across the Sunshine State throughout the day. Isolated to widely scattered showers will be possible along the Space and Treasure Coasts and across South Florida and the Keys today thanks to breezy onshore winds, returning moisture, and a stalled frontal boundary remaining draped across South Florida. Isolated to scattered showers will begin to develop across much of the state overnight as the area of high pressure to the north begins to break down, a stalled frontal boundary remains draped across North Florida, and the next upper-level disturbance approaches from the west. Northeasterly to easterly winds near 5-10 mph can be expected across the state today with gusts near 10-15 mph. Relative humidity values will remain above critical thresholds statewide today, keeping the overall wildfire threat across the state low. **Areas of patchy to locally dense fog** will be possible along the Peninsula overnight into Thursday morning. According to the [Florida Forest Service](#), there are 28 active wildfires across the state burning approximately 43.02 acres.

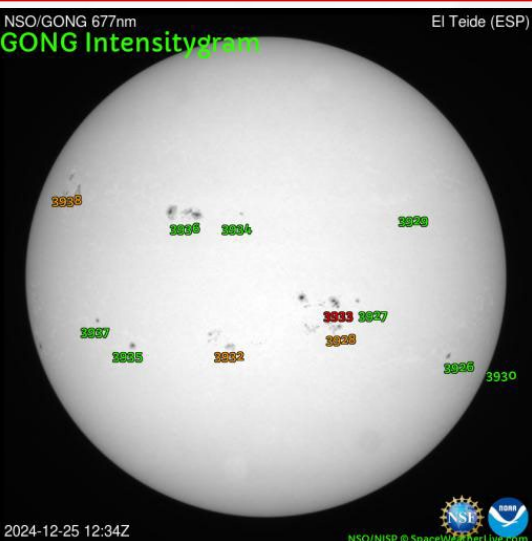
Drought: Near to slightly above normal temperatures and little to no rainfall across the Sunshine State over the past week have allowed for no significant change in drought conditions on the Drought Monitor update (as of 12/19). **Moderate Drought conditions** remain in place across the Eastern Panhandle through the Western Big Bend and across the Northern Peninsula with *Abnormally Dry (emerging drought)* Conditions expanding elsewhere statewide. The Climate Prediction Center (CPC) is outlooking above normal temperatures and near to slightly above normal rainfall over the next week or so which may allow for little adjustments in drought conditions.

The Keetch-Byram Drought Index average for Florida is **390 (+2)** on a scale from 0 (very wet) to 800 (very dry). There are **5** Florida counties (Broward, Charlotte, DeSoto, Glades, and Miami-Dade) with an average KBDI over 500 (drought/increased fire danger).

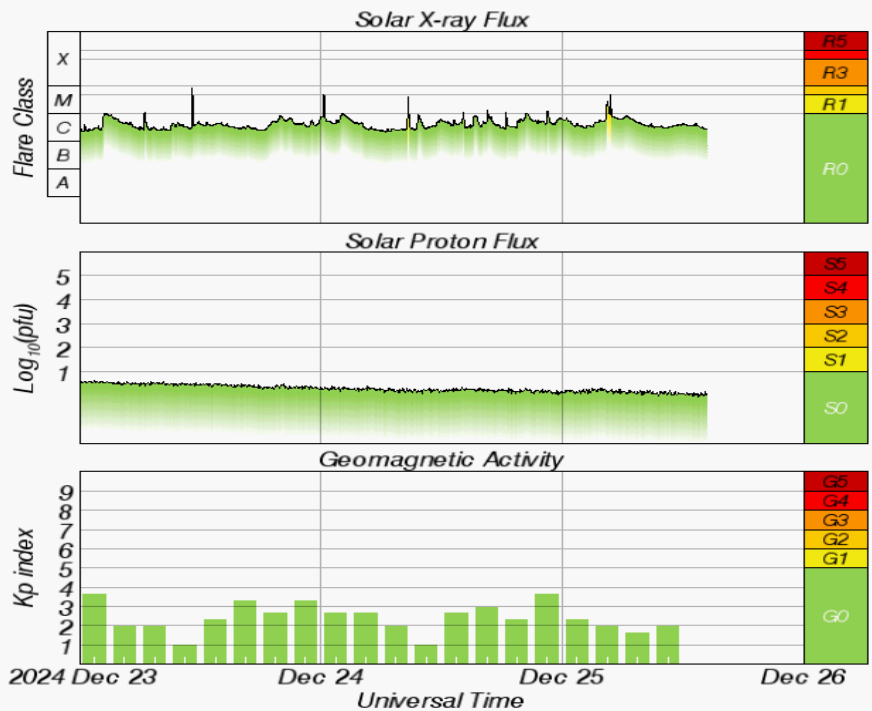




Space Weather



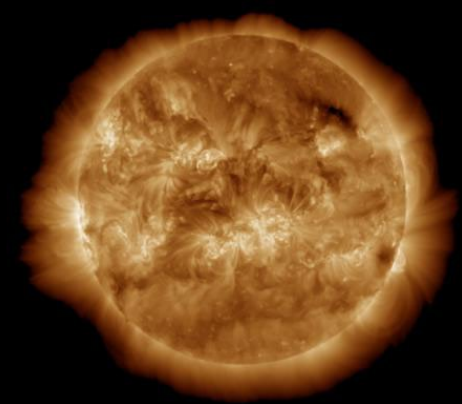
Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 75%	Geomagnetic Storm: G1 Watch (12/25-26)	M4 Solar Flare
X-class: 10%	Radiation Storm: None	R1 Radio Blackout

48-Hour Geomagnetic Forecast	
12/25	12/26
Max Kp= 5 (G1)	Max Kp= 5 (G1)
Chance of minor activity = 30% severe activity = 5%	Chance of minor activity = 30% severe activity = 5%

Earth-facing Coronal Holes



GOES-16 SUVI Composite 195 Angstroms 2024-12-25 12:36:20

Space Weather: Solar activity is forecast to reach moderate to high levels again today with a strong (M-class) solar flares expected and a slight chance for an isolated significant (X-class) over the next few days. Sunspot #3932 has a magnetic field that poses a threat for M-class solar flares. Minor to moderate (R1-R2) radio blackouts will likely accompany M-class solar flare activity and strong (R3) radio blackouts may be possible in the event of any X-class solar flares. There remains a slight chance for solar radiations to reach minor (S1) solar radiation storm levels over the next few days. Enhanced solar wind conditions are expected to prevail through Friday due to the potential influences from two Coronal Mass Ejections (CMEs) from 12/23 and 12/24 and a Coronal Hole High Speed Stream (CH HSS). **Minor (G1) Geomagnetic Storming** is expected today and Thursday with a slight chance for **isolated Moderate (G2) Geomagnetic Storm periods** due to the arrival of the CME from 12/23 and another from 12/24. Friday is expected to be quiet to active due to CH HSS influences plus additional waning influences from the CMEs. 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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