



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Tuesday, December 24, 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	Kaya Dungey	(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	State Holiday (On-Call Status)
Region 2: Willie Bouie	In Region	State Holiday (On-Call Status)
Region 3: Glen Hammers	Out of Service	Leave (See Coverage)
Region 4: James Carter	In Region	State Holiday (On-Call Status)
Region 5: Austin Beeghly	Out of Service	Leave (See Coverage)
Region 6: Paul Siddall	In Region	State Holiday (On-Call Status)
Region 7: Vacant	N/A	N/A
Region 8: Mason Kozac	In Region	State Holiday (On-Call Status)
Region 9: Theresa Hendry	In Region	State Holiday (On-Call Status)
Region 10: Claudia Baker	Out of Service	Leave (See Coverage)



Region 3 Coverage Provided by Recovery Coordinator 3
Region 5 Coverage Provided by Response Coordinator 4
Region 7 Coverage Provided by Recovery Coordinator 7
Region 10 Coverage Provided by Recovery Coordinator 10

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 and R3 coverage provided by Recovery RC 3

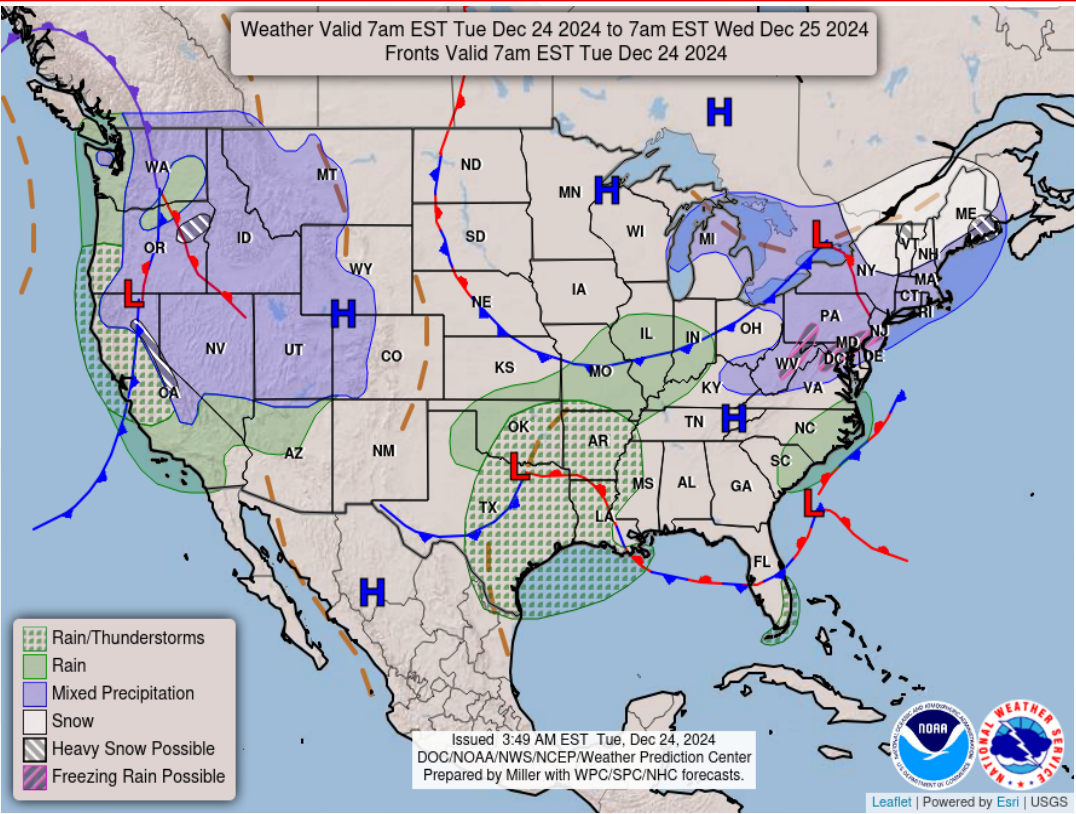
R5 and R6 coverage provided by Recovery RC 4

R9 coverage provided by Recovery RC 8

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

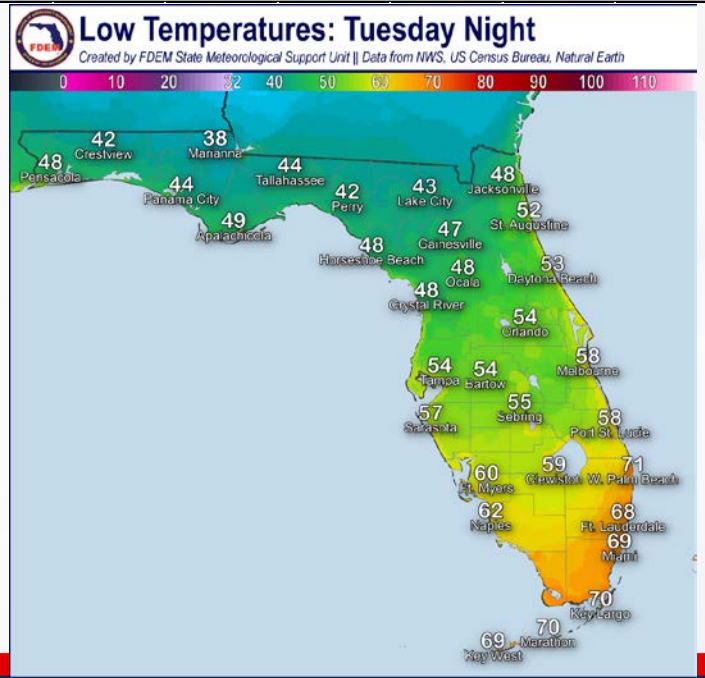
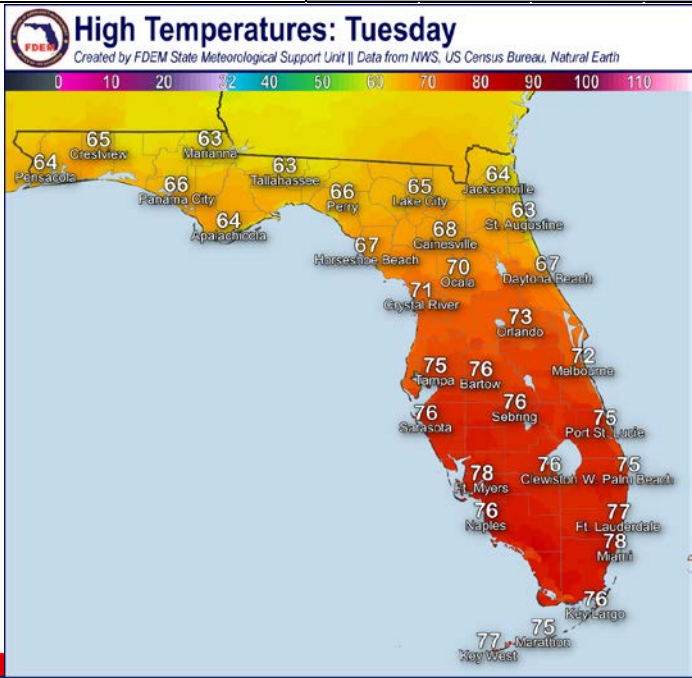


Meteorology Summary



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	
Fire Weather										
Coastal Flooding										
Rip Currents	M	M	L	H	H	L		H	L	H
Lake Okeechobee Elevation:	15.23 ft. (0.55 ft. Above Normal)									
Keetch-Byram Drought Index:	388 (+2) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

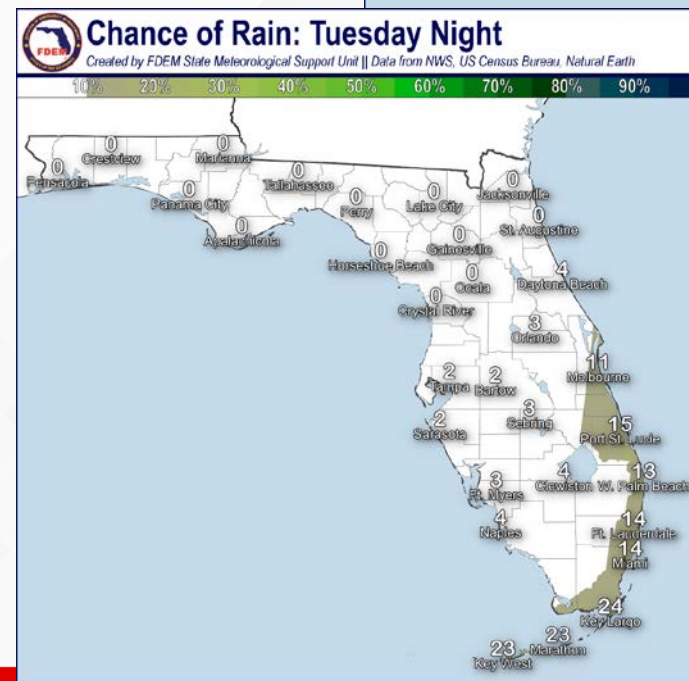
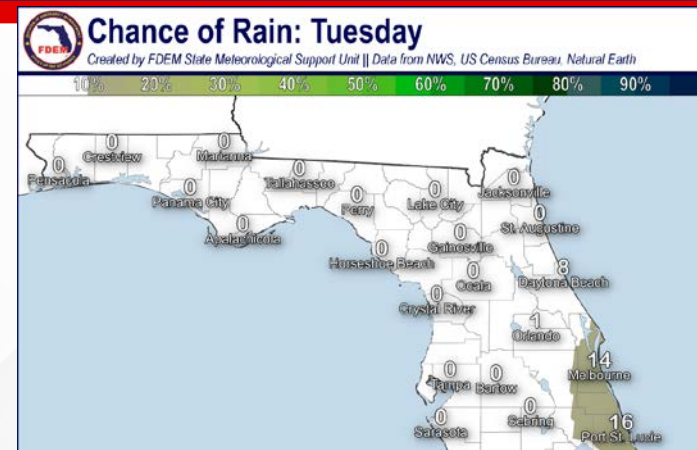
Statewide Overview, Next 24 Hours:

Patchy to dense fog that has developed across portions of the Peninsula will gradually lift and dissipate by the mid-to-late morning hours this morning. Mostly dry conditions can be expected across the state today under the periphery of an area of high pressure to the north (near 0% chance of rain). Isolated showers along Florida's Atlantic Coast will be possible throughout the day with the help of onshore winds, adequate moisture, and a stalled frontal boundary across Central Florida (5-20% chance of rain).

Mostly to partly sunny skies will develop across the state later this morning once areas of patchy to dense fog lift and dissipate. Temperatures will continue their gradually warming trend, reaching near-normal this afternoon. High temperatures in the middle to upper 60s can be expected across North Florida with low to middle 70s across Central Florida and middle to upper 70s across South Florida and the Keys. Northeasterly to northerly winds will remain near 5-10 mph today with gusts near 10-15 mph.

Mostly dry conditions will continue through the overnight hours across the state with isolated showers remaining possible along Florida's Atlantic Coast as the stalled frontal boundary across Central Florida drifts slightly further southward through the Lake Okeechobee region (near 0-25% chance of rain). Low temperatures will fall into the 40s across North Florida overnight with some localized areas north of the I-4 corridor briefly dipping into the upper 30s before daybreak Wednesday. Central Florida can expect low temperatures to remain in the middle to upper 50s with 60s across South Florida and upper 60s to low 70s along the Southeast Coast and Keys. Some **patchy frost formation** cannot be ruled out early Wednesday morning north of the I-4 corridor.

Areas of **patchy to dense fog** will be possible overnight into early Wednesday morning across portions of the Peninsula. Some areas, including portions of the I-4, I-75, and I-95 corridors, may see visibilities reduced to 1 mile or less, **creating hazardous driving conditions**. *Remember to use low beam headlights and to leave plenty of distance between vehicles when driving through foggy areas.*





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: Despite ocean swells beginning to slowly dissipate throughout the day, **poor to hazardous marine conditions** will persist along the Northeast and Central-East Coasts today with **large breaking waves remaining near 4-8'**. **2-5' waves** will persist along the rest of Florida's Atlantic Coast today. All other beaches can expect to see **1-3' waves** today.

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 coastal showers will likely develop along the East Coast and move briefly inland throughout the day; however, widespread rainfall totals are expected to remain well below 1" with locally higher totals nearing 1" possible.

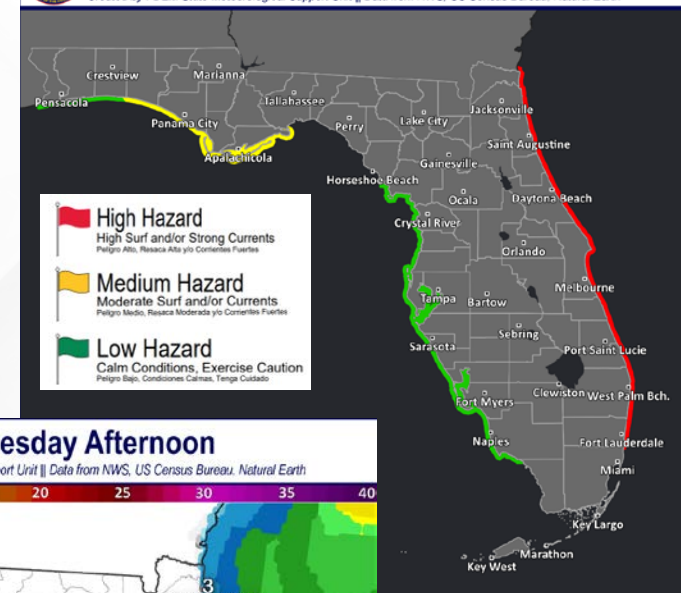
Riverine Flooding: Water levels along the [St. Johns River at Astor](#) have risen into Action Stage (bank-full) as a result of trapped tides in the basin struggling to discharge due to onshore winds and swells along the coastline. Some additional rises in water levels is possible today; however, riverine 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 15.23 feet, which is within the operational band and 0.55 feet **above** normal for this time of year.



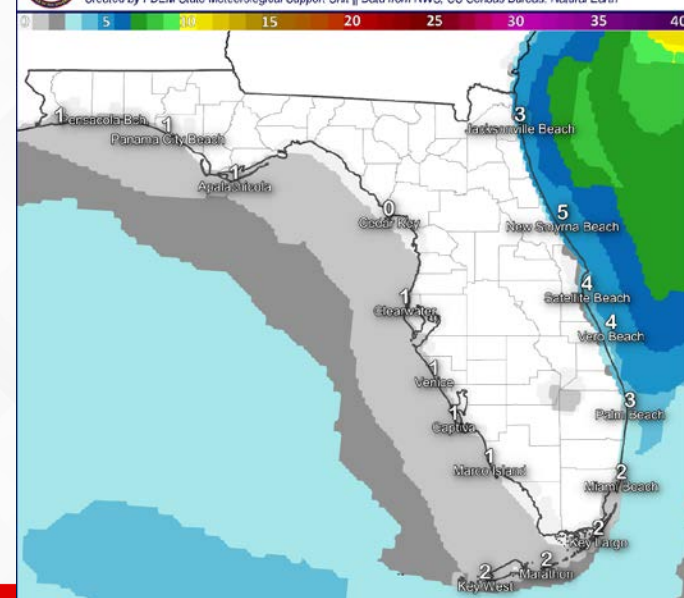
Rip Current Risk: Tuesday

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



Wave Heights: Tuesday Afternoon

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



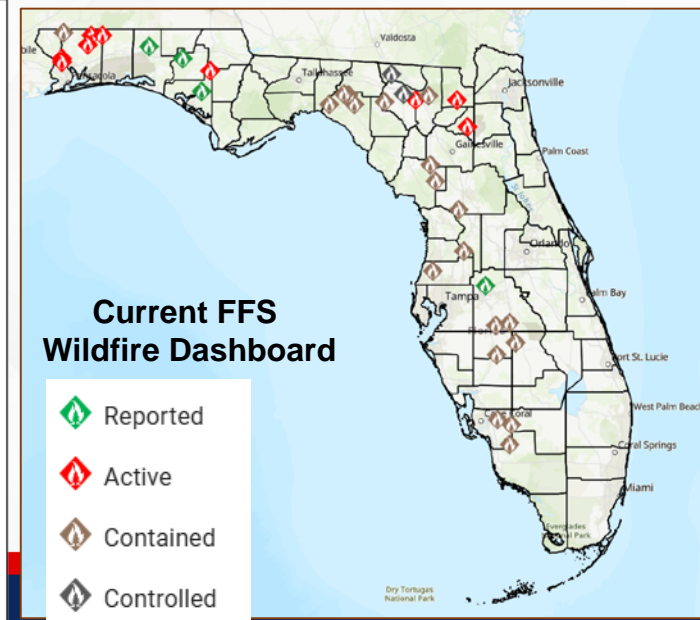
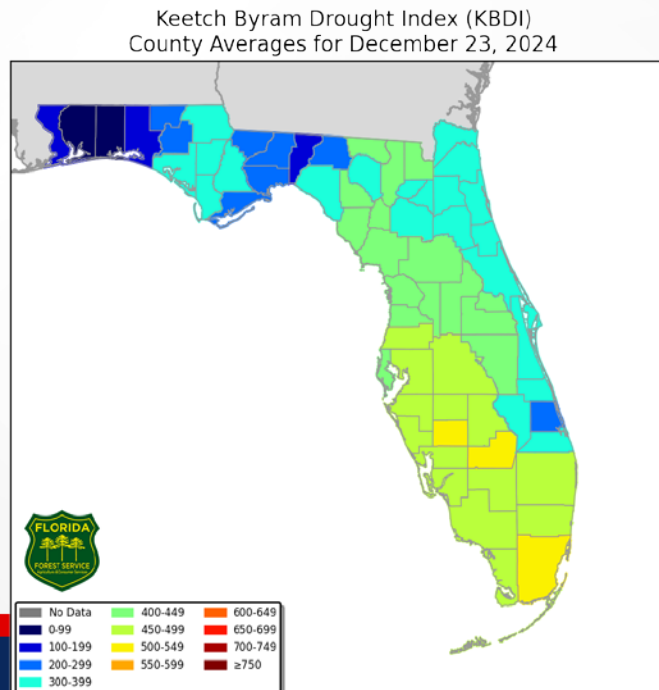
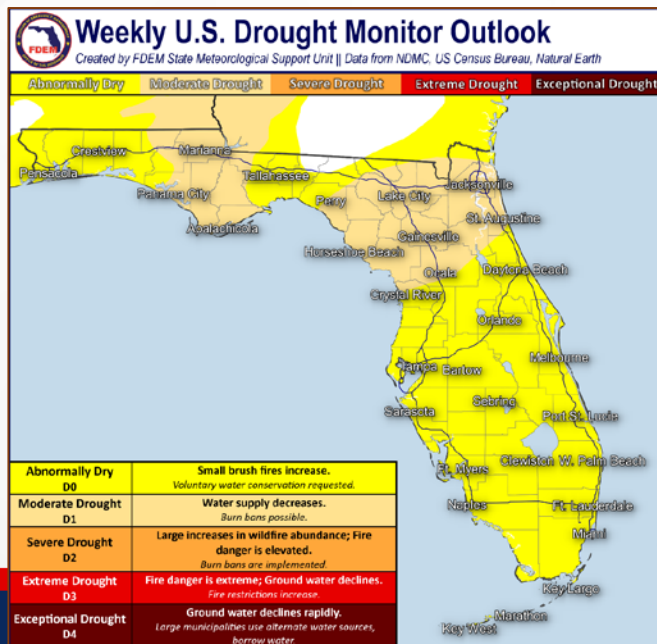


Drought & Fire Weather

Fire Weather: Patchy to dense fog that has developed across portions of the Peninsula will gradually lift and dissipate by the mid-to-late morning hours this morning. Mostly dry conditions can be expected across the state today and tonight with isolated showers likely along Florida's Atlantic Coast. Northeasterly to northerly winds will remain near 5-10 mph 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 dense fog** will be possible again overnight into early Wednesday morning across portions of the Peninsula. *Foggy conditions can further reduce visibilities in areas with ongoing wildfires.* According to the [Florida Forest Service](#), there are 35 active wildfires across the state burning approximately 48.12 acres.

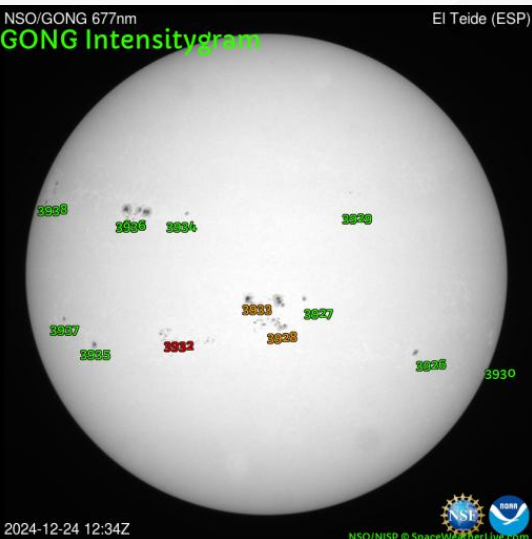
Drought: Near to slightly above normal temperatures and little to no rainfall across the Sunshine State over the past week have allowed for no significant change in drought conditions on the Drought Monitor update (as of 12/19). **Moderate Drought conditions** remain in place across the Eastern Panhandle 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 **387 (+1)** on a scale from 0 (very wet) to 800 (very dry). There are **3** Florida counties (DeSoto, Glades, and Miami-Dade) with an average KBDI over 500 (drought/increased fire danger).

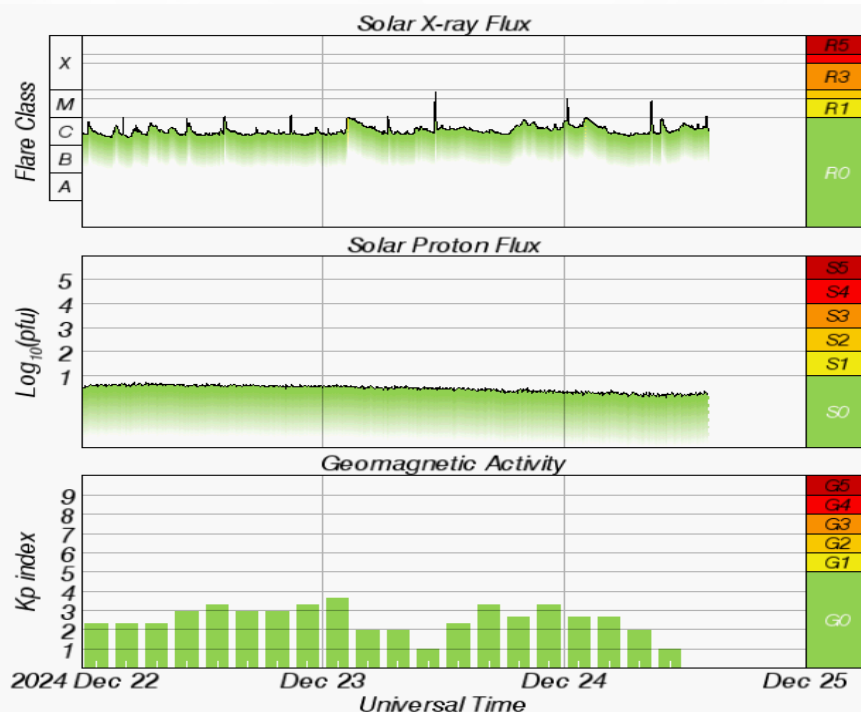




Space Weather

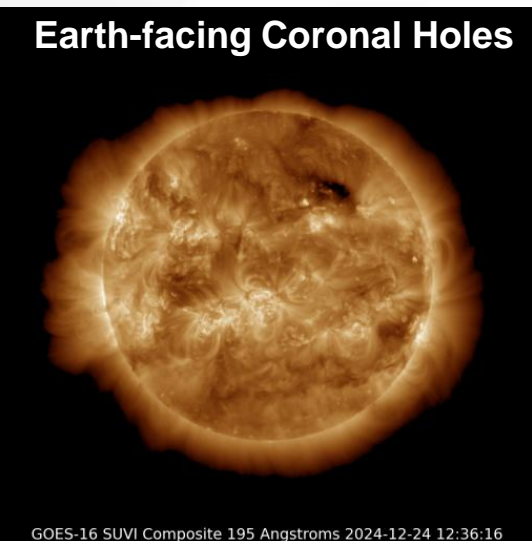


Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 65%	Geomagnetic Storm: G1 Watch (12/25)	M4 Solar Flare
X-class: 10%	Radiation Storm: None	R1 Radio Blackout

48-Hour Geomagnetic Forecast	
12/24	12/25
Max Kp= 3 (G0)	Max Kp= 5 (G1)
Chance of minor activity = 10% severe activity = 1%	Chance of minor activity = 30% severe activity = 5%



Space Weather: Solar activity is forecast to reach moderate to high levels again today with a strong (M-class) solar flares likely 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 is a slight chance for minor (S1) solar radiation storms over the next few days. Enhanced solar wind conditions are expected to prevail through Thursday due to Coronal Hole High Speed Stream (CH HSS) influences expected today and Wednesday, and the chance to see glancing influences from a Coronal Mass Ejection (CME) that left the Sun on 12/20 today and more direct influence from a CME that left the Sun on 12/23 on Wednesday. The geomagnetic field is expected to be quiet and unsettled today with a chance for isolated active periods due to the CH HSS influences plus additional enhancements from the glancing influences of the 12/20 CME. **Minor (G1) geomagnetic storm conditions** are expected Wednesday with a slight chance for **isolated moderate (G2) geomagnetic storming periods** due to the arrival of the 12/23 CME. Waning influences may carry through Thursday where it could interact with a CH HSS, producing largely unsettled conditions with isolated active periods. 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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