



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Tuesday, December 17, 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	Sam Walters	(850) 519-8638	Sam.Walters@em.myflorida.com
Duty Officer	Jeremy Whitt	(850) 755-8521	Jeremy.Whitt@em.myflorida.com
Operations Officer- Day	Matthew Peloso	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Zachary Remante	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Kaya Dungey	(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	Holmes	EM Visit
Region 2: Willie Bouie	Leon	Response Bureau End of Year Meeting / POD Meeting
Region 3: Glen Hammers	Madison	Hurricane Debby & Helene AAR
Region 4: James Carter	Duval	Flagler Town Hall (V)
Region 5: Austin Beeghly	Out of Service	Leave (See Coverage)
Region 6: Paul Siddall	Hillsborough, Leon	Response Bureau End of Year Meeting / Return to R6 Travel
Region 7: Cristian Rivera	Desoto	EM Visit
Region 8: Mason Kozac	St. Lucie	Office Admin
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Miami-Dade	Turkey Point REP Meeting



Region 5 Coverage Provided by Region 4 Response Coordinator
Region 9 Coverage Provided by Region 8 Recovery Coordinator

Status

Normal Operations

Out of Service / Unavailable



Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Allison Blevins	Holmes	DRA Abatement
Region 2: Justin Lazzara	Madison	Hurricane AAR
Region 3: Patrick James	Madison	Hurricane AAR
Region 4: Joshua Saunders	Flagler	LMS 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	Vehicle Maintenance
Region 8: Ja-Pheth Butler-Miller	Martin	FEMA IA Meeting
Region 9: Kathryn Thompson	Out of Service	Leave (See Coverage)
Region 10: Dana McGeehan	Martin	FEMA IA Meeting

Region 5 Coverage Provided by Recovery Coordinator 4

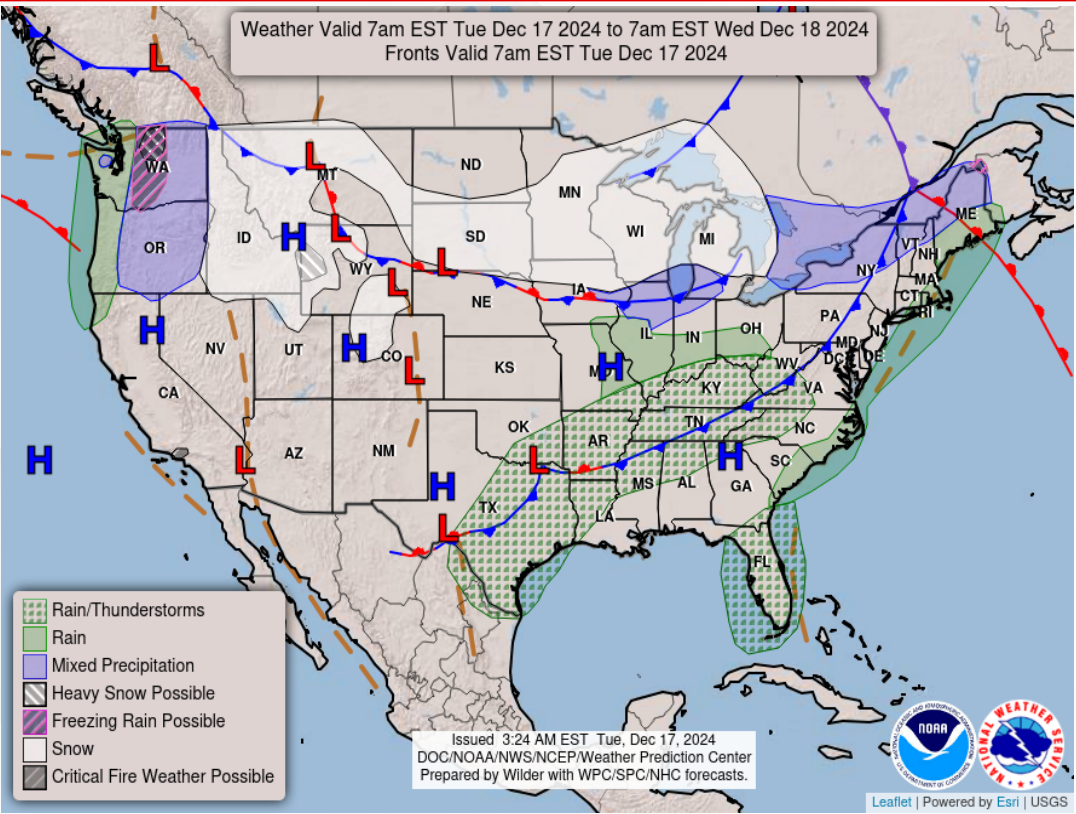
Region 6 Coverage Provided by Recovery Coordinator 4

Region 9 Coverage Provided by Recovery Coordinator 8

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

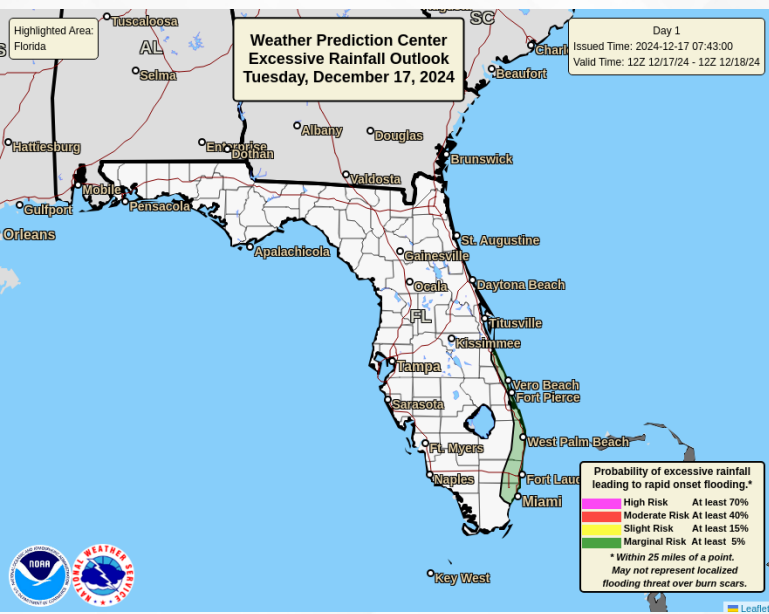
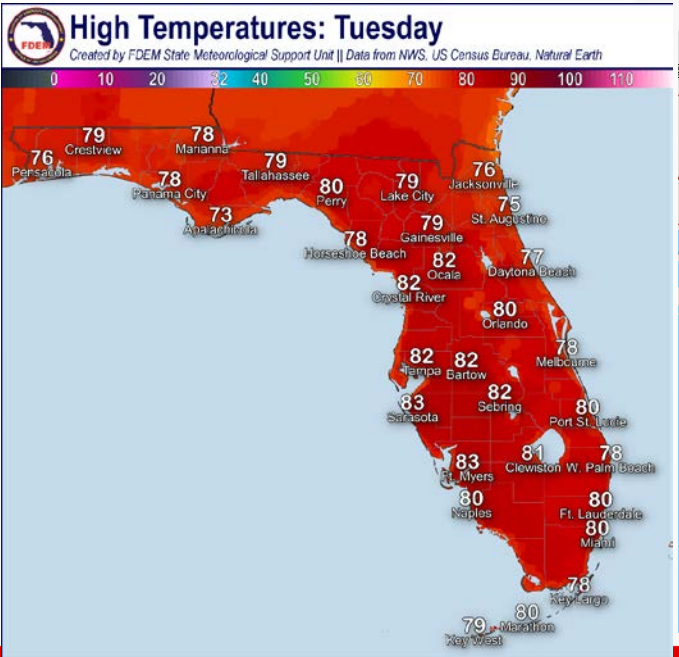


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning					L		L	L	L	L
Tornado										
Damaging Wind										
Flash Flooding					L			L		L
Freeze (Overnight)										
Fog (Overnight)	L	L	M	M	L	L	L			
Fire Weather										
Coastal Flooding										
Rip Currents	M	M	L	H	H	L		H	L	H
Lake Okeechobee Elevation:	15.41 ft. (0.69 ft. Above Normal)									
Keetch-Byram Drought Index:	384 (+4) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

Statewide Overview, Next 24 Hours:

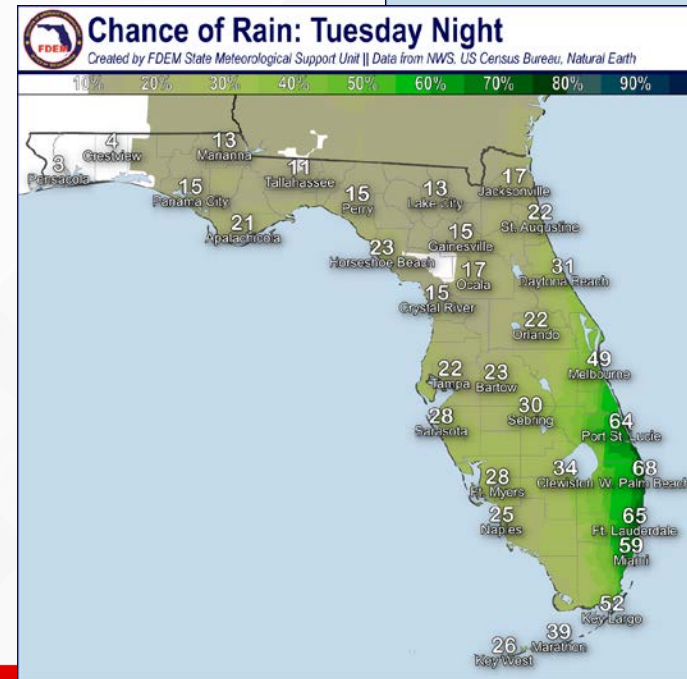
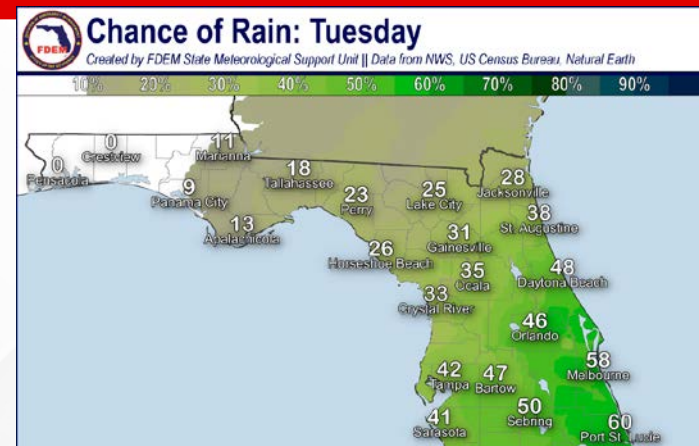
Dense Fog Advisories extend across Northeast Florida and northern portions of the Peninsula as dense fog has **reduced visibility to ¼ of a mile or less** at times and should linger through the mid-to-late morning hours. **Patchy to scattered fog** also has developed this morning throughout North and Central Florida but should gradually lift and dissipate by the mid-morning hours. *Use caution when driving this morning and use low beams.*

High pressure will shift eastward towards the western Atlantic waters ahead of the next approaching cold front moving over the Central U.S. An upper-level feature moving overhead along the Panhandle and Big Bend may bring spotty to isolated showers late this morning and into the afternoon hours, but otherwise mostly dry conditions will continue (10-25% chance of rain). Scattered showers will develop throughout the day over the Atlantic waters and push inland along the East Coast and the I-95 corridor throughout the day, with embedded thunderstorms possible, due to onshore winds and the help of an upper-level disturbance developing north of the Caribbean (35-70% chance of rain). Showers and embedded thunderstorms will likely move inland throughout the Peninsula this afternoon and evening. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Space and Treasure Coasts where multiple rounds of shower activity, some slow-moving, could lead to **localized instances of flash flooding** for coastal urban and low-lying/poor drainage areas.

High temperatures will continue to **trend above normal for this time of year** reaching the upper 70s to low 80s. Portions of the western Peninsula will see high temperatures approaching the middle 80s this afternoon.

Showers and thunderstorms will likely continue throughout the evening and overnight hours along the I-95 corridor and through the Florida Keys (30-65% chance of rain). Some of these showers may drift inland throughout the Peninsula overnight. Calm conditions and elevated moisture ahead of the next cold front will give way to another night of **low clouds and widespread fog** throughout North and Central Florida, with **areas of locally dense fog** possible.

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





Coastal Hazards & Hydrology

Rip Currents: Onshore winds and large ocean swells along the Florida East Coast will create a **high risk for rip currents** along all beaches. Panhandle beaches can expect a **moderate risk for rip currents**. The West Coast will continue to see a low risk for rip currents. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: **Dangerous surf of 4-6'** will continue along the Florida East Coast and extending along Atlantic-facing beaches throughout the day. Locally higher **breaking waves upwards of 7'** will be possible further offshore in the surf zone. Panhandle and West Coast beaches can anticipate wave heights of 1-3'.

Red Tide has been observed in **76** samples collected from the Gulf and Atlantic coasts of Florida as of 12/13. Background to **medium concentrations** were observed in Pinellas County with **very low and medium concentrations** in Hillsborough County, background to **low concentrations** in Manatee County, **very low to medium concentrations** in Sarasota County, **low to high concentrations** in and offshore of Lee County, background to **medium concentrations** in and offshore of Collier County, **low concentrations** offshore of Monroe County, background concentrations in Bay County, **very low concentrations** offshore of Pasco County, and **very low concentrations** in Brevard County. **Fish kills** suspected of being related to red tide were reported along Pinellas, Sarasota, Lee, and Collier Counties and **respiratory irritation** suspected to be related to red tide was reported in Pinellas, Sarasota, Lee, and Collier Counties.

Coastal Flooding: Coastal flooding is not expected.

Flash Flooding: The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Space and Treasure Coasts as multiple rounds of showers and embedded thunderstorms will move onshore throughout the day and may bring **locally heavy rainfall** at times. Training and multiple rounds of showers and possible thunderstorms could create **localized instances of flash flooding** for coastal urban and low-lying/poor drainage areas with heavy downpours. Any slow-moving showers and thunderstorms may also contribute to **locally heavy rainfall rates** that could create ponding of water in some locations. Widespread rainfall totals of 1-2" will be possible along the East Coast and the I-95 corridor, with **locally higher totals** upwards 3-5" possible in locations.

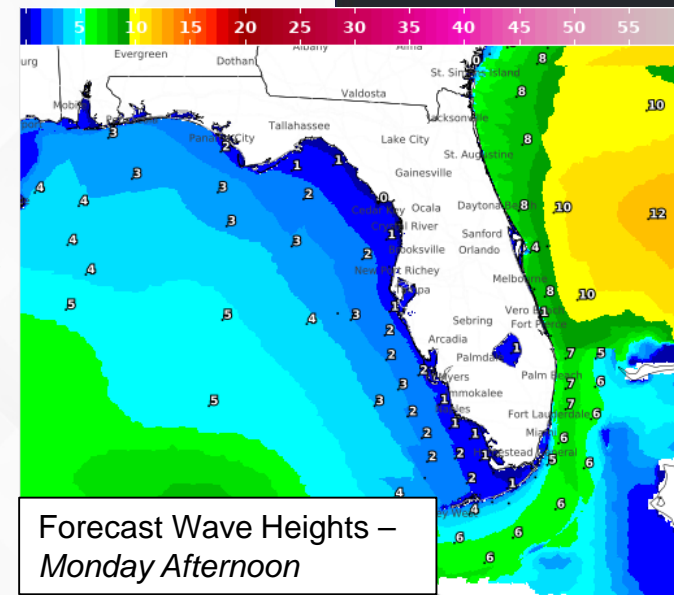
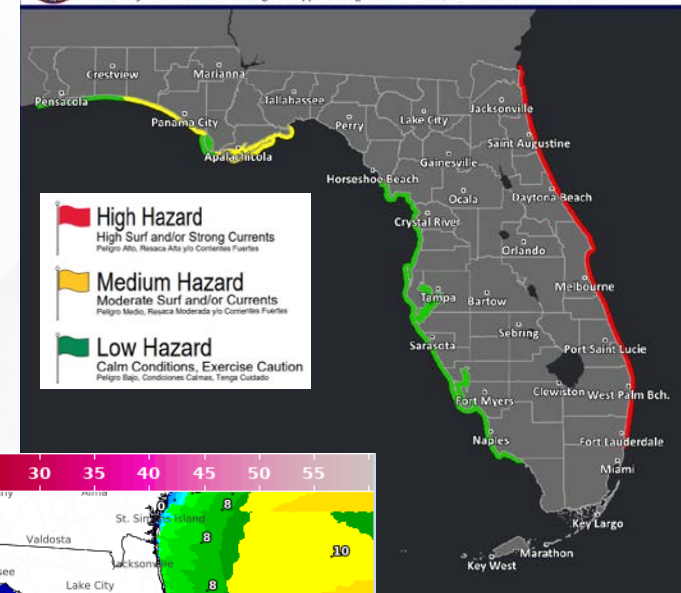
Riverine Flooding: All Florida rivers, creeks and tributaries remain below flood stage. Portions of the Choctawhatchee River remains within Action Stage (bank-full); however, riverine flooding is not forecast. For more information, visit the River Forecast Center.

Lake Okeechobee's average elevation is 15.41 feet, which is within the operational band and 0.69 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



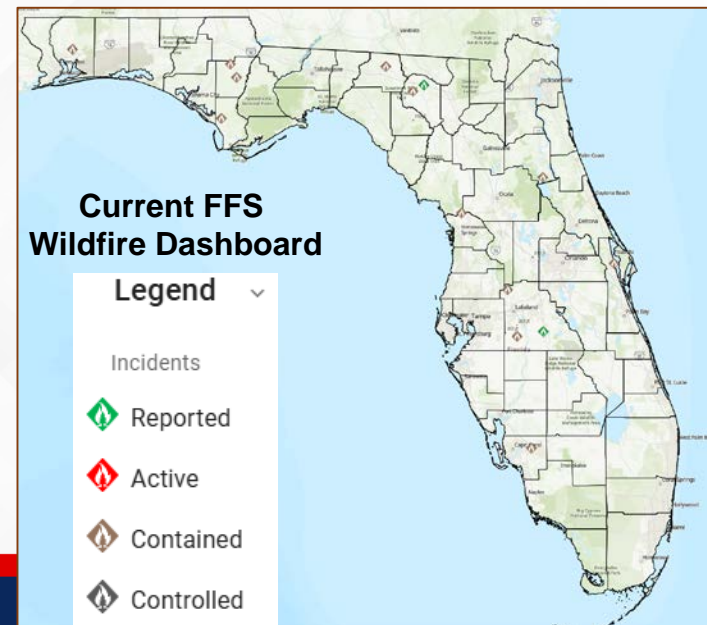
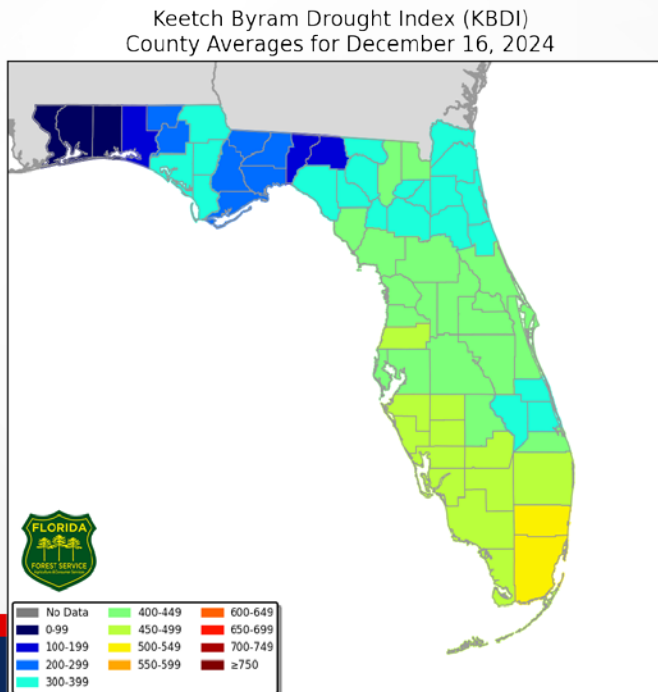
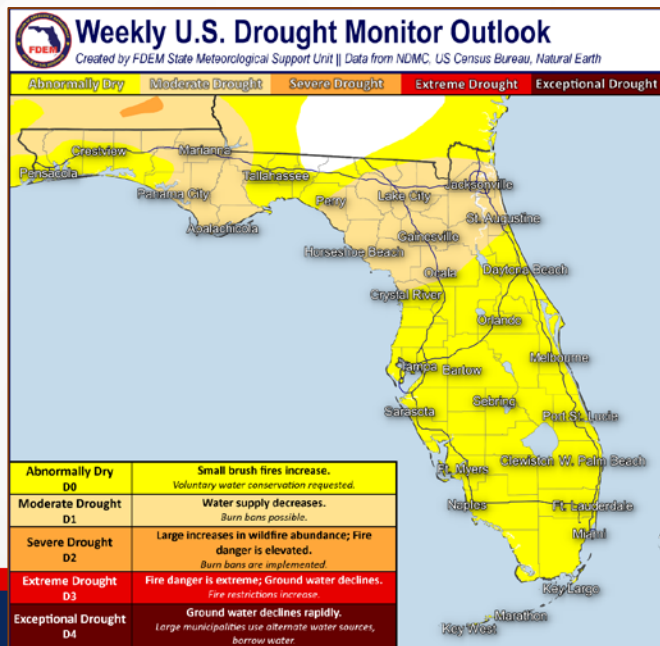


Drought & Fire Weather

Fire Weather: Widespread fog has developed this morning throughout North and Central Florida, with dense fog throughout the Suwannee Valley and Northeast Florida. Foggy conditions and low clouds will linger through the mid-morning hours before lifting and dissipating, with some areas experiencing foggy conditions into the late morning hours. Increased shower and thunderstorm activity can be anticipated throughout East Florida, with isolated showers drifting westward throughout the day. Thunderstorms may be capable of producing lightning and erratic winds. Breezy winds gusts of 10-15 mph will develop from Northeast Florida and throughout the Peninsula by the afternoon with stronger wind gusts upwards of 20-25 mph along the coast. Areas of patchy to widespread fog will likely develop early Wednesday morning throughout North Florida and Central Florida, with locally dense fog possible in some locations. Foggy conditions may further reduce visibility where there are ongoing wildfires. According to the [Florida Forest Service](#), there are 14 active wildfires across the state burning approximately 38 acres.

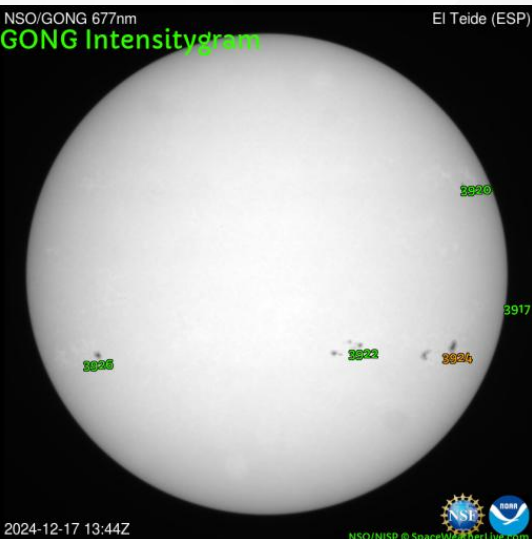
Drought: Weather across Florida, aside from the far Western Panhandle, was cool and mostly dry over the past week (12/12). This has allowed significant short-term rainfall deficits to continue building across the Florida Peninsula, along with decreasing soil moisture, leading to widespread expansion in short-term Abnormal Dryness (emerging drought) and Moderate Drought on this week's Drought Monitor update (12/12). Moderate Drought conditions have expanded to now include the entire Northern Peninsula and remain in place along and north of the I-4 corridor in the Panhandle and across the Central Florida Panhandle. Abnormally Dry conditions now expand elsewhere across the rest of the Sunshine State. Rainfall in the Western Panhandle associated with the recent cold front is not reflected in this week's update (12/12). The Climate Prediction Center (CPC) is outlooking above normal temperatures and near to above normal rainfall over the next week or so.

The Keetch-Byram Drought Index average for Florida is **384 (+4)** on a scale from 0 (very wet) to 800 (very dry). There are **2** Florida Counties (Broward and Miami-Dade) with an average KBDI over 500 (drought/increased fire danger) including Broward and Miami-Dade Counties.

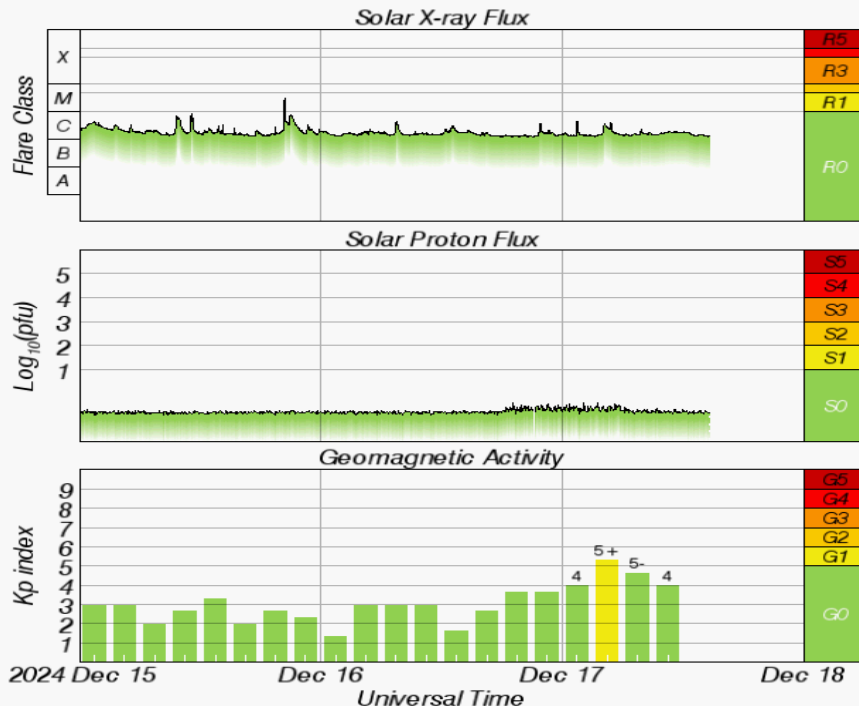




Space Weather



Current Sunspots

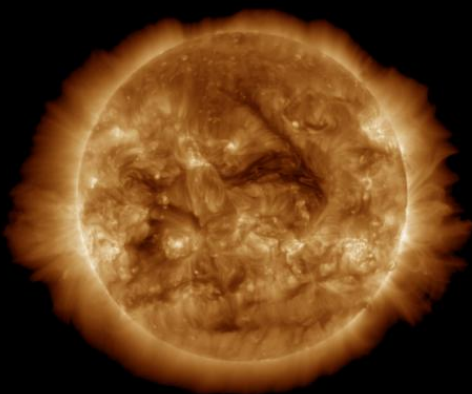


Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 40%	Geomagnetic Storm: None	C4 Solar Flare
X-class: 5%	Radiation Storm: None	No Radio Blackout

48-Hour Geomagnetic Forecast

12/17	12/18
Max Kp= 5 (G1)	Max Kp= 3 (G0)
Chance of minor activity = 15% severe activity = 1%	Chance of minor activity = 5% severe activity = 1%

Earth-facing Coronal Holes



GOES-16 SUVI Composite 195 Angstroms 2024-12-17 12:36:00

Space Weather: Solar activity is likely to maintain low levels today with a chance for strong (M-class) solar flares throughout the day. Active sunspot #3942 contains a magnetic field that harbors energy for M-class solar flares. Any M-class flare that develops will be capable of producing minor to moderate (R1-R2) radio blackouts. The supposed Coronal Mass Ejection (CME) that was supposed to narrowly miss Earth actually made a direct hit with the Earth's geomagnetic field. Enhanced solar wind conditions are likely to continue today and tomorrow with the influences of the CME and the additional ones passing nearby. The Earth's geomagnetic field is expected to be at quiet to minor (G1) geomagnetic storming levels due to the influences of the CMEs. Quiet to unsettled conditions will likely continue tomorrow before returning to mostly quiet on Thursday. 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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