



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Sunday, December 15, 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	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	In Region	On-Call Status
Region 2: Willie Bouie	In Region	On-Call Status
Region 3: Glen Hammers	In Region	On-Call Status
Region 4: James Carter	Out of Service	Leave (See Coverage)
Region 5: Austin Beeghly	In Region	On-Call Status
Region 6: Paul Siddall	In Region	On-Call Status
Region 7: Cristian Rivera	In Region	On-Call Status
Region 8: Mason Kozac	In Region	On-Call Status
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	In Region	On-Call Status



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

Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

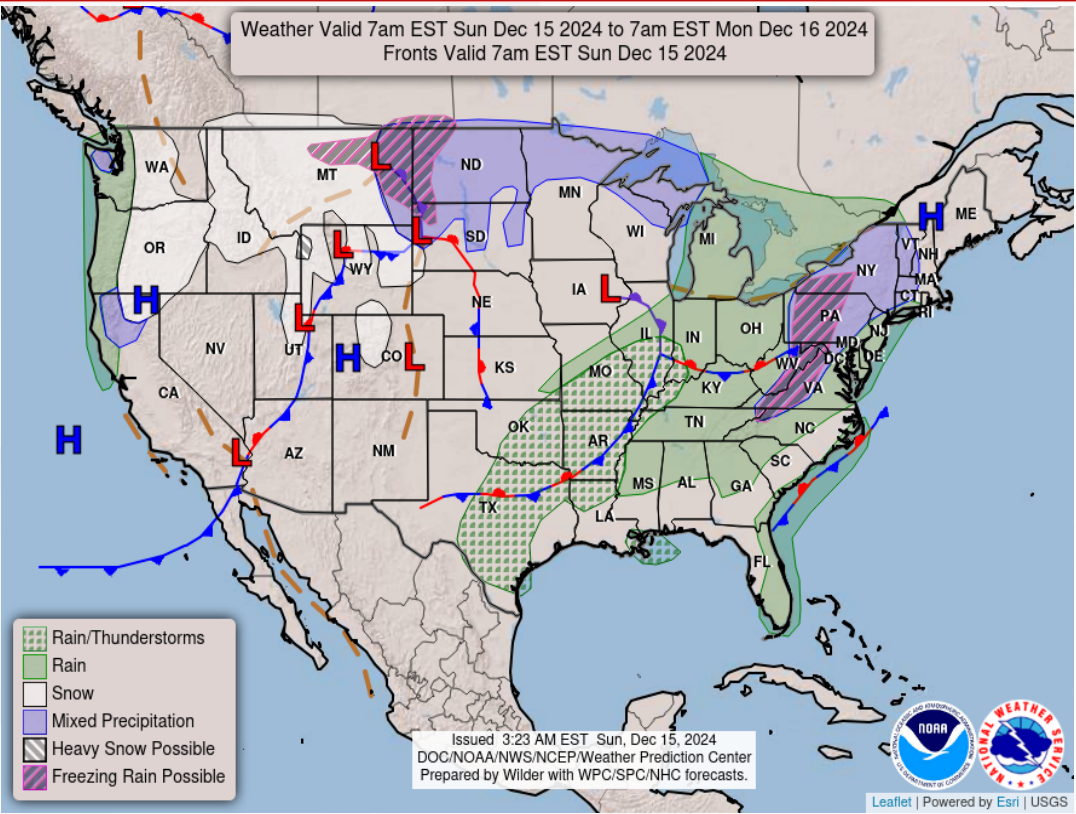
Team	County Location	Status / Activities
Region 1: Allison Blevins	In Region	Off & Monitoring
Region 2: Justin Lazzara	In Region	Off & Monitoring
Region 3: Patrick James	In Region	Off & Monitoring
Region 4: Joshua Saunders	In Region	On- Call Monitoring for Region 4
Region 5: Elizabeth Caison	Out of Service	Leave (See Coverage)
RRCT Manager	Out of Service	Leave (See Coverage)
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	In Region	Off & Monitoring
Region 8: Ja-Pheth Butler-Miller	In Region	Off & Monitoring
Region 9: Kathryn Thompson	Out of Service	Leave (See Coverage)
Region 10: Dana McGeehan	Out of Service	Leave (See Coverage)

Region 4 Coverage Provided by Recovery Coordinator 4
Region 5 Coverage Provided by Recovery Coordinator 4
Region 6 Coverage Provided by Recovery Coordinator 4
Region 9 Coverage Provided by Recovery Coordinator 8
Region 10 Coverage Provided by Recovery Coordinator 8

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

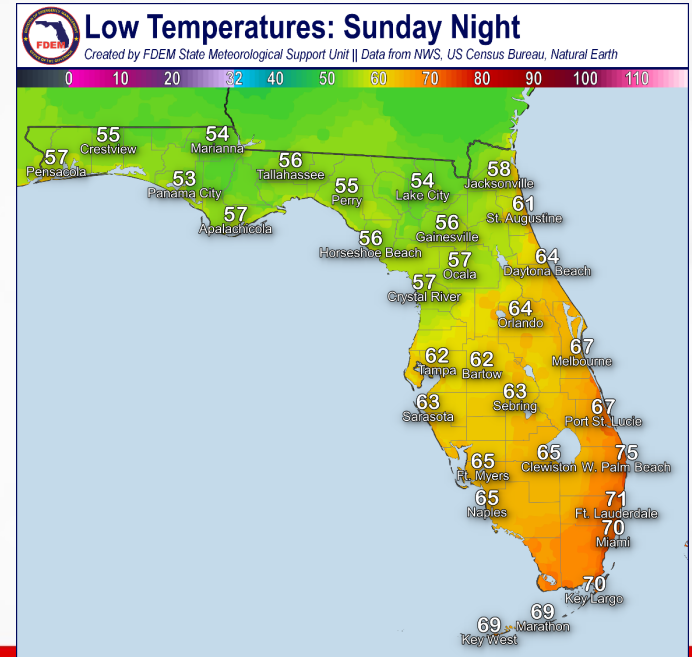
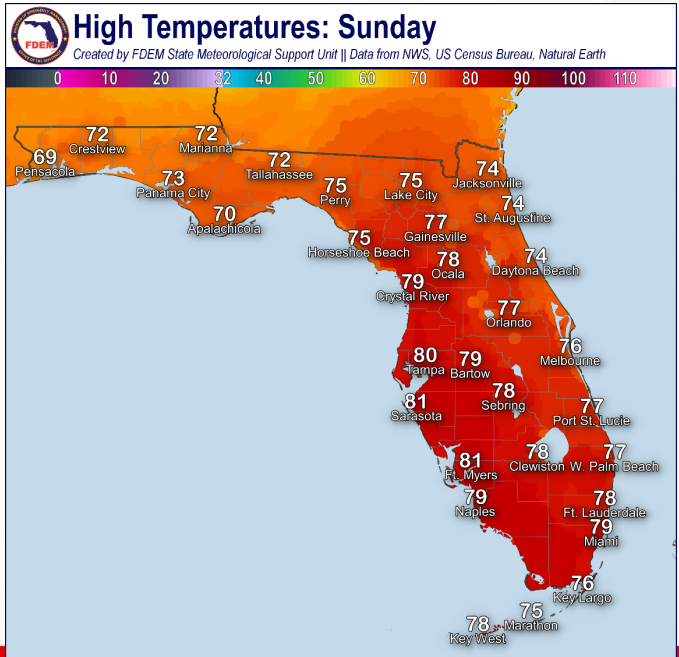


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning										
Tornado										
Damaging Wind										
Flash Flooding										
Freeze (Overnight)										
Fog (Overnight)		L	L	L						
Fire Weather										
Coastal Flooding				L	L			L		
Rip Currents	M	M	L	H	H	L		H	L	H
Lake Okeechobee Elevation:	15.41 ft. (0.68 ft. Above Normal)									
Keetch-Byram Drought Index:	378 (+4) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

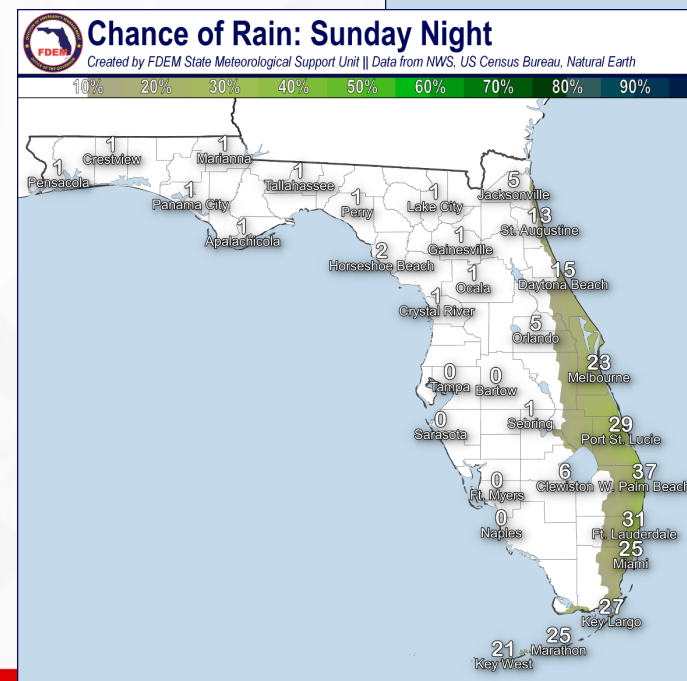
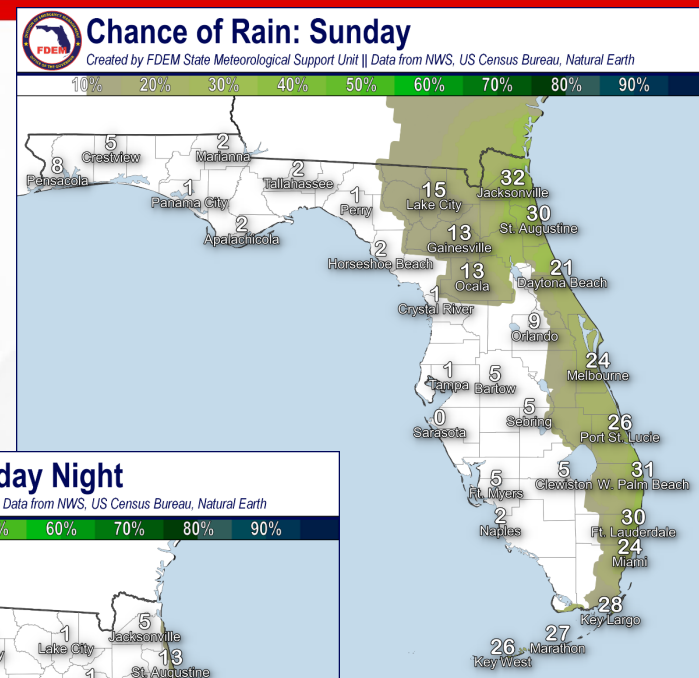
Statewide Overview, Next 24 Hours:

Coastal showers have developed this morning along the I-95 corridor and East Coast, and additional spotty to isolated showers can be expected throughout the day. Onshore winds and an upper-level feature just offshore will allow for showers to develop over the adjacent coastal waters and push onshore and inland throughout the day; however, activity is not expected to be as widespread compared to Saturday as there looks to be less moisture (15-35% chance of rain). Some of these showers may be able to push further inland into interior portions of Northeast Florida later today. Elsewhere, mostly dry conditions can be expected due to strong high pressure over New England expanding southward across the western half of the state. Breezy winds of 10-15 mph can be expected to develop this afternoon and persist throughout the rest of the day, especially across the Peninsula. **Wind gusts of 15-20 mph** can be expected by midday throughout the Peninsula, with **stronger wind gusts upwards of 25-30 mph** along and near the East Coast.

High temperatures will reach the low to middle 70s across the Panhandle and Big Bend while breezy winds across East Florida will keep high temperatures in the middle to upper 70s. Across West Florida high temperatures will reach the upper 70s to low 80s this afternoon.

Mostly dry conditions will develop overnight with a few lingering showers attempting to push onshore along the immediate East Coast with the help of onshore winds (15-30% chance of rain). Calmer winds near 5-10 mph can be expected throughout inland areas throughout the Peninsula, while stronger winds near 10-20 mph will likely persist along the East Coast overnight. Breezy wind gusts of 10-15 mph will be possible overnight throughout the Peninsula, with those **stronger wind gusts of 15-25 mph** possible along the East Coast. Elevated moisture and calmer conditions along the Big Bend and interior Northeast Florida may allow for areas of **patchy fog** to develop early Monday morning.

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





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: **Hazardous beach and boating conditions** can be expected for the Florida East Coast due to **large ocean swells upwards of 9-12'**. **High Surf Advisories** extend across the coastline as **dangerous waves of 6-10'** are expected within the surf zone through Monday. **Elevated surf of 8-10'** will extend southward to the Atlantic-facing Key beaches this afternoon. Panhandle and West Coast beaches will reach **2-4'** throughout the day.

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: **Minor to moderate beach erosion** is expected along the East Coast around times of high tide through the weekend due to the rough surf. **Coastal Flood Advisories** are in effect along Northeast Florida and northern portions of the Space Coast as long-period swells, breezy onshore winds, and the full moon create **elevated water levels (about 1-2' above normally dry ground)** around times of high tide, giving way to **minor coastal flooding** through the weekend. **Elevated water levels (about 0.5-1.75' above normally dry ground)** and **localized instances of minor coastal flooding** will be possible further southward along the East Coast and along the Atlantic-facing Keys as well. Tidal portions of the St. Johns River Basin cannot rule out **elevated water levels (about 0.25-1.25' above normally dry ground)** around times of high tide as breezy onshore winds and elevated surf trap tides in the basin.

Flash Flooding: Flash flooding is not expected today.

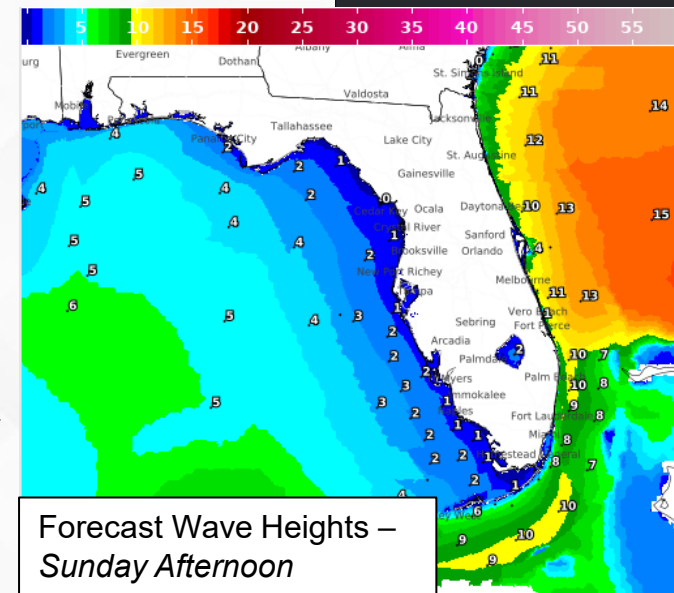
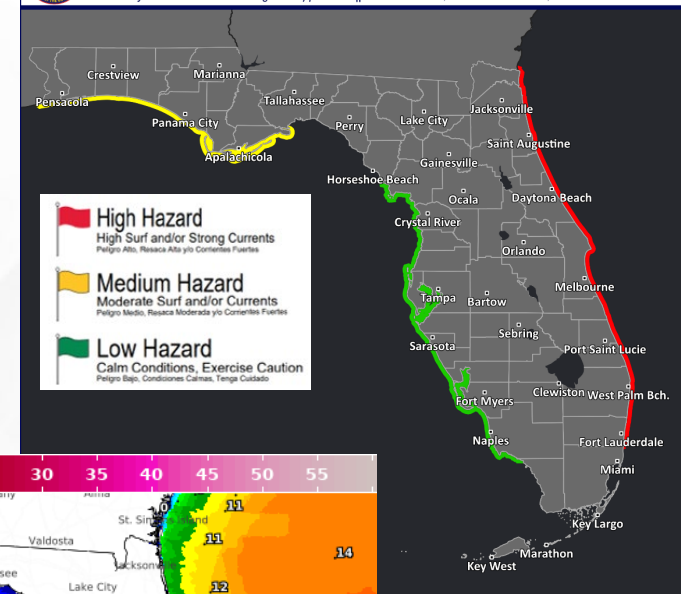
Riverine Flooding: A few rivers, creeks/streams, and waterways over the western Florida Panhandle have seen some rises in water levels in the near-term, courtesy of our recent cold front passage. Portions of the Apalachicola, Choctawhatchee, and Escambia Rivers remain within or are forecast to reach 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 0.68 feet above normal for this time of year.



Rip Current Risk: Sunday

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



Forecast Wave Heights –
Sunday Afternoon



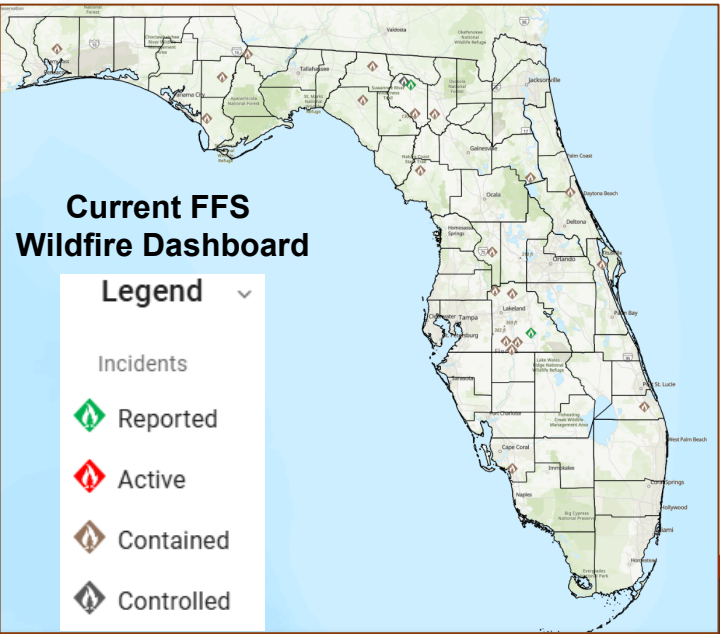
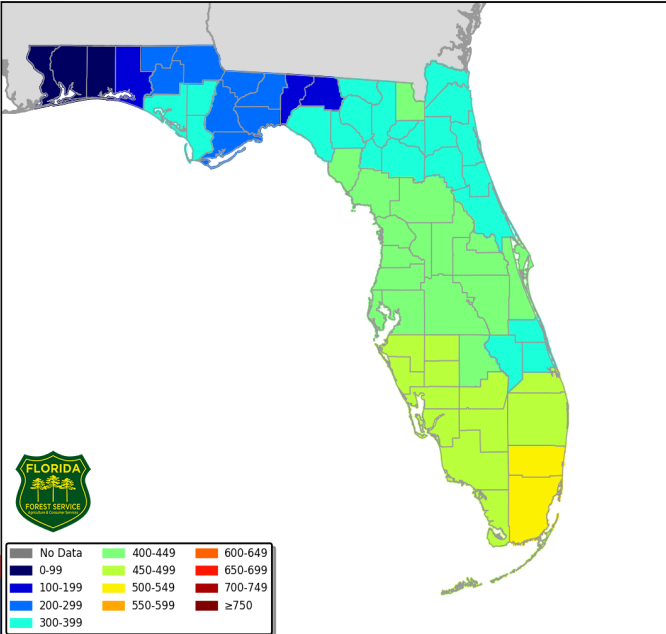
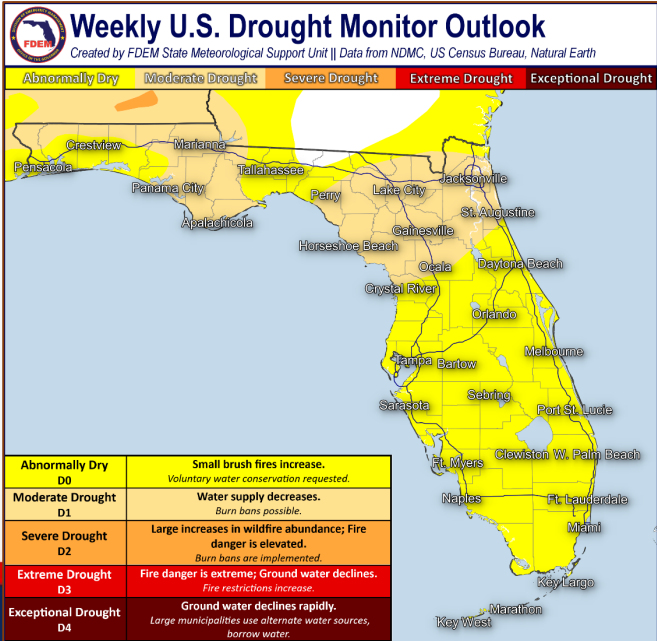
Drought & Fire Weather

Fire Weather: Relative humidity values will remain well above critical thresholds across the state throughout the day. Isolated showers will continue to push onshore and inland along East Florida throughout the day as well. Breezy northeasterly to easterly winds near 10-15 mph will develop throughout the Peninsula, with stronger winds upwards of 15-20 mph possible along the Space and Treasure Coasts as well as the Florida Keys. **Wind gusts upwards of 15-20 mph** will develop this afternoon across the Peninsula, with **stronger wind gusts upwards of 25-30 mph** possible at times across the East Coast. **Areas of patchy fog** may develop early Monday morning along the eastern I-10 corridor and the Big Bend. *Foggy conditions may further reduce visibility where there are ongoing wildfires.* According to the [Florida Forest Service](#), there are 23 active wildfires across the state burning approximately 172 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.

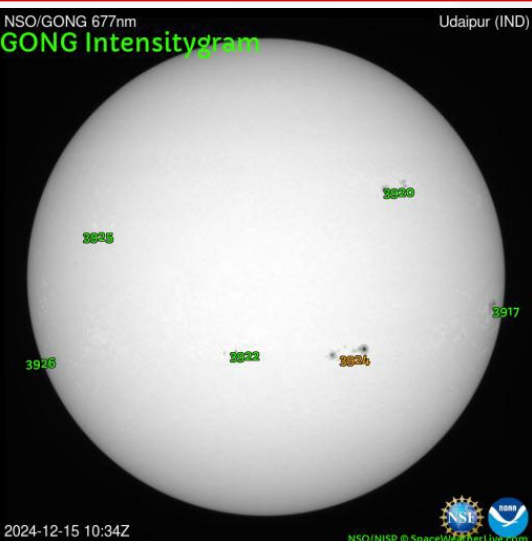
The Keetch-Byram Drought Index average for Florida is **378 (+4)** on a scale from 0 (very wet) to 800 (very dry). There are **2** Florida Counties (Broward and Miami-Dade) with an average KBDI over 500 (drought/increased fire danger) including Broward and Miami-Dade Counties.

Keetch Byram Drought Index (KBDI)
County Averages for December 14, 2024

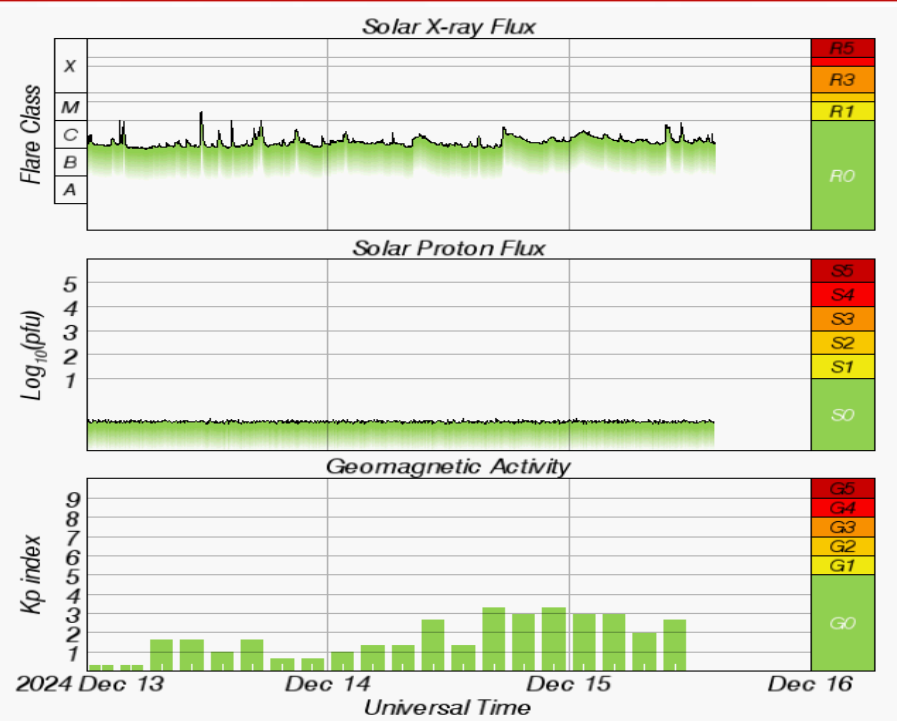
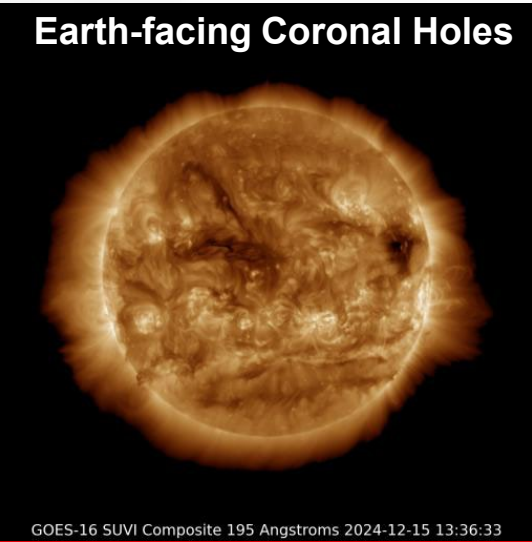




Space Weather



Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 45%	Geomagnetic Storm: None	C8 Solar Flare
X-class: 5%	Radiation Storm: None	No Radio Blackout

48-Hour Geomagnetic Forecast	
12/15	12/16
Max Kp= 2 (G0)	Max Kp= 3 (G0)
Chance of minor activity = 5% severe activity = 1%	Chance of minor activity = 5% severe activity = 1%

Space Weather: Solar activity is expected to be low with a chance for strong (M-class) solar flares today and into next week. Active sunspot #3917 does contain a magnetic field that harbors energy for X-class solar flares. Minor to moderate (R1-R2) radio blackouts will accompany any M-class flares that develop. Slightly enhanced solar wind conditions are expected today and tomorrow due to Coronal Hole High Solar Stream (CH HSS) influences. By Tuesday, Coronal Mass Ejections (CMEs) passing near Earth or providing a glancing blow may further enhanced Earth's solar wind field. No minor (S1) solar radiation storms are expected. The Earth's geomagnetic field is expected to be at quiet to unsettled levels today and tomorrow due to CH HSS influences. Periods of active conditions are possible on Tuesday with the possible influences from CMEs. 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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