



# **Florida Division of Emergency Management State Watch Office**

## **Morning Situation Report**

**Tuesday, January 21, 2025**



# State Emergency Operations Center Activation Level

Level 2 Activation



# SERT On-Call Personnel

Position	Personnel	Phone	Email
Operations Chief	Amy Godsey	(850) 519-8483	<a href="mailto:Amy.Godsey@em.myflorida.com">Amy.Godsey@em.myflorida.com</a>
Watch Officer	Taylor Cheney	(850) 545-4047	<a href="mailto:Taylor.Cheney@em.myflorida.com">Taylor.Cheney@em.myflorida.com</a>
Duty Officer	Jeremy Whitt	(850) 755-8521	<a href="mailto:Jeremy.Whitt@em.myflorida.com">Jeremy.Whitt@em.myflorida.com</a>
Operations Officer- Day	Caleb Pitts	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
Operations Officer- Swing	Kaya Dungey	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
Operations Officer- Night	Zachary Remante	(850) 815-4001	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>
Meteorologist	Kennedy Tartt	(850) 567-6368	<a href="mailto:Kennedy.Tartt@em.myflorida.com">Kennedy.Tartt@em.myflorida.com</a>
Plans Chief	Kaylynn Perry	(850) 254-5657	<a href="mailto:Plans_Command@em.myflorida.com">Plans_Command@em.myflorida.com</a>
Logistics Chief	Christina Goetzman	(850) 519-8581	<a href="mailto:Christina.Goetzman@em.myflorida.com">Christina.Goetzman@em.myflorida.com</a>
Human Services Director	Pam Hughes	(850) 528-5638	<a href="mailto:Pamela.Hughes@em.myflorida.com">Pamela.Hughes@em.myflorida.com</a>
Emergency Services	Rob Dietrich	(850) 727-3414	<a href="mailto:Robert.Dietrich@em.myflorida.com">Robert.Dietrich@em.myflorida.com</a>
Infrastructure Branch Director	Karen Kozac	(850) 759-6226	<a href="mailto:Karen.Kozac@em.myflorida.com">Karen.Kozac@em.myflorida.com</a>
ESF 8 On-Call	Brandon Gore	(866) 786-4673	<a href="mailto:DLDOHDutyOfficers@flhealth.gov">DLDOHDutyOfficers@flhealth.gov</a>
Public Information Officer	Marnie Villanueva	(850) 591-9544	<a href="mailto:Marnie.Villanueva@em.myflorida.com">Marnie.Villanueva@em.myflorida.com</a>
DEM Finance and Admin	Jeremy Smith	(561) 662-8028	<a href="mailto:Jeremy.Smith@em.myflorida.com">Jeremy.Smith@em.myflorida.com</a>



# Response Regional Coordination Team

Team	County Location	Visits
Region 1: Jim Roberts	Gadsden	Winter Weather Monitoring
Region 2: Willie Bouie	Leon	Winter Weather Monitoring/Calls
Region 3: Glen Hammers	Columbia, Jackson	Winter Weather Monitoring (See Coverage)
Region 4: James Carter	Duval	Winter Storm Stakeholders Brief
Region 5: Austin Beeghly	Volusia	Vehicle Maintenance
Region 6: Paul Siddall	Hillsborough	Vehicle Maintenance
Region 7: Vacant	N/A	N/A
Region 8: Mason Kozac	Indian River	Office Admin
Region 9: Theresa Hendry	Citrus	G-300 Course (See Coverage)
Region 10: Claudia Baker	Out of Service	Leave (See Coverage)



Region 3 Coverage Provided by Response Coordinator 3

Region 7 Coverage Provided by Recovery Coordinator 7

Region 9 Coverage Provided by Response Coordinator 8

Region 10 Coverage Provided by Response Coordinator 8

Status
Normal Operations
Out of Service / Unavailable



# Recovery Regional Coordination Team

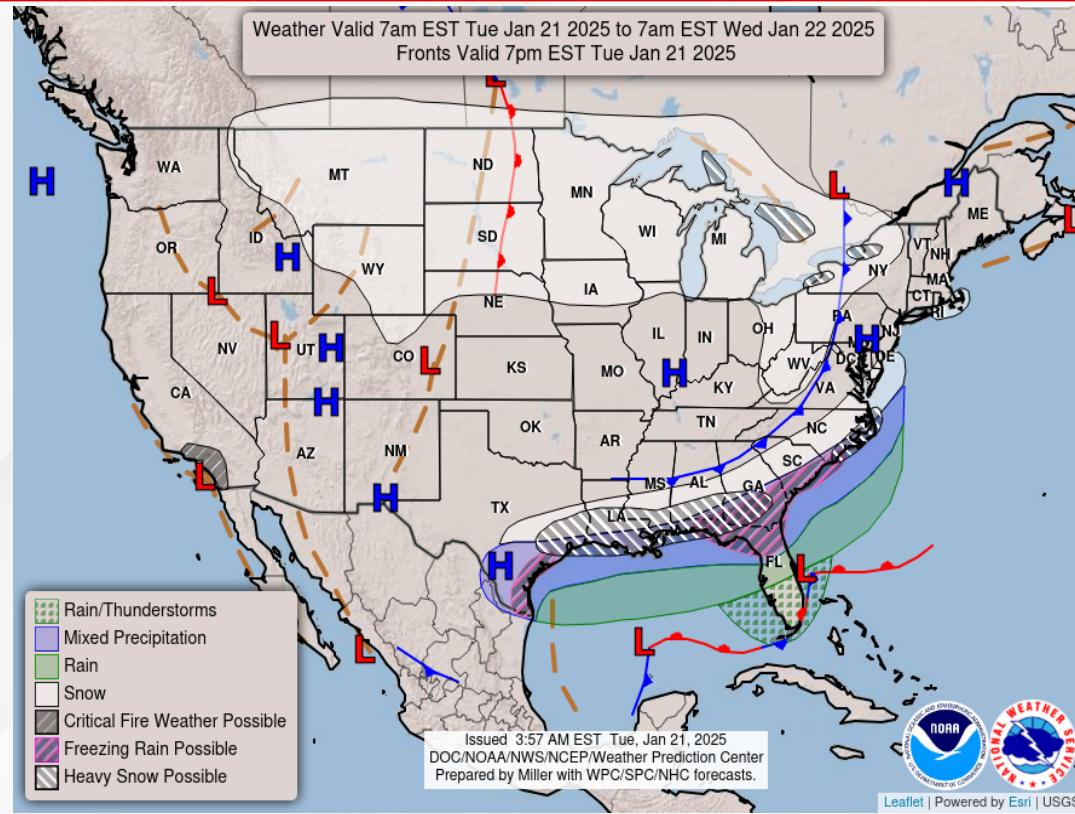
Team	County Location	Status / Activities
Region 1: Allison Blevins	Washington	Winter WX Monitoring
Region 2: Justin Lazzara	Jefferson	EM Meeting / Winter WX Monitoring
Region 3: Patrick James	Bradford	County EM Meeting
Region 4: Joshua Saunders	Duval	Public Power EM Roundtable Mtg
Region 5: Elizabeth Caison	Orange	Administrative Duties
RRCT Manager	Hernando	Administrative Duties
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	Polk	Administrative Duties
Region 8: Ja-Pheth Butler-Miller	Indian River	External Stakeholders Meeting
Region 9: Vacant	N/A	N/A
Region 10: Dana McGeehan	In State	Return Travel to Region

Region 9 Coverage Provided by Recovery Coordinator 7

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

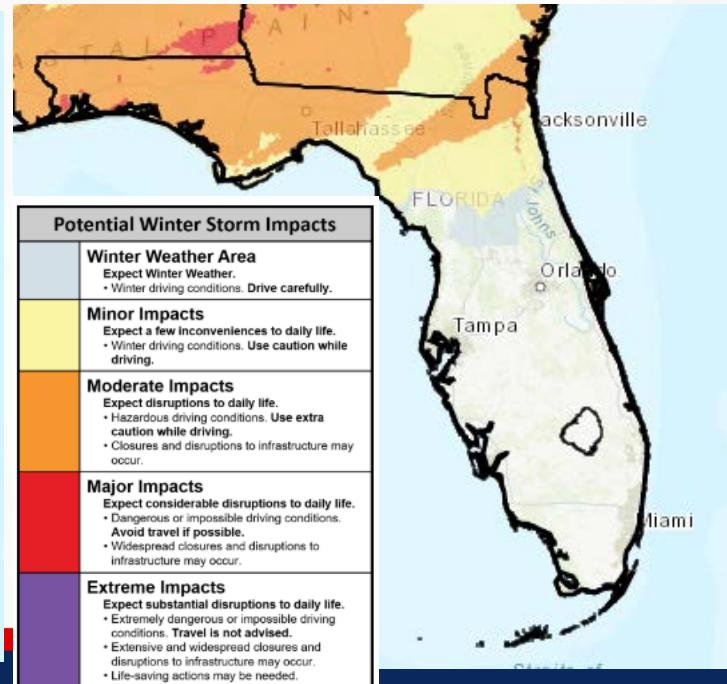
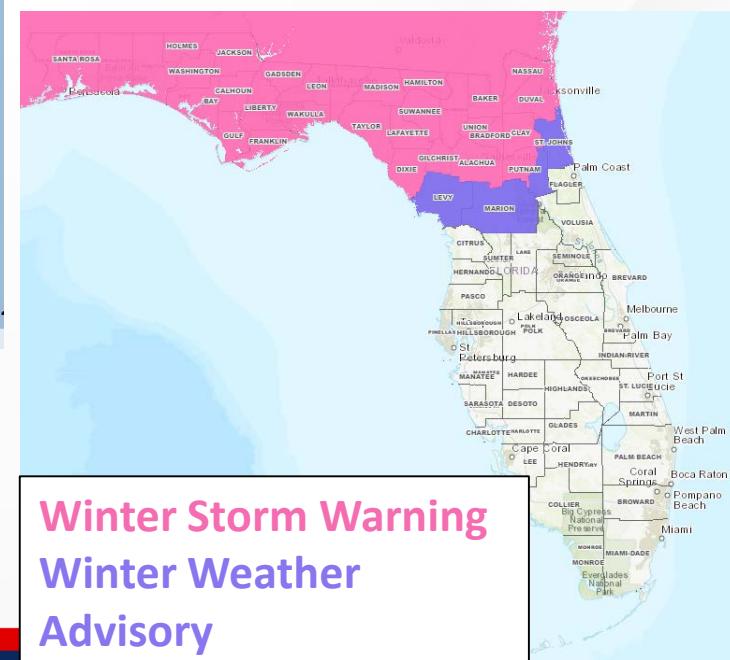


# Meteorology Summary



## Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
<b>Lightning</b>										
<b>Tornado</b>										
<b>Damaging Wind/Hail</b>										
<b>Snow</b>	H	H	M	L						
<b>Sleet/Freezing Rain</b>	L	H	H	H	M					
<b>Winter Storm</b>	H	H	H	H	L					
<b>Freeze (Overnight)</b>	H	H	H	M	L	L				
<b>Coastal Flooding</b>										
<b>Rip Currents</b>	M	H	M	H	M	M		M	M	H
<b>Lake Okeechobee Elevation:</b>	14.70 ft. (0.15 ft. Below Normal)									
<b>Keetch-Byram Drought Index:</b>	281 (-44) on a scale from 0 (very moist) to 800 (very dry)									



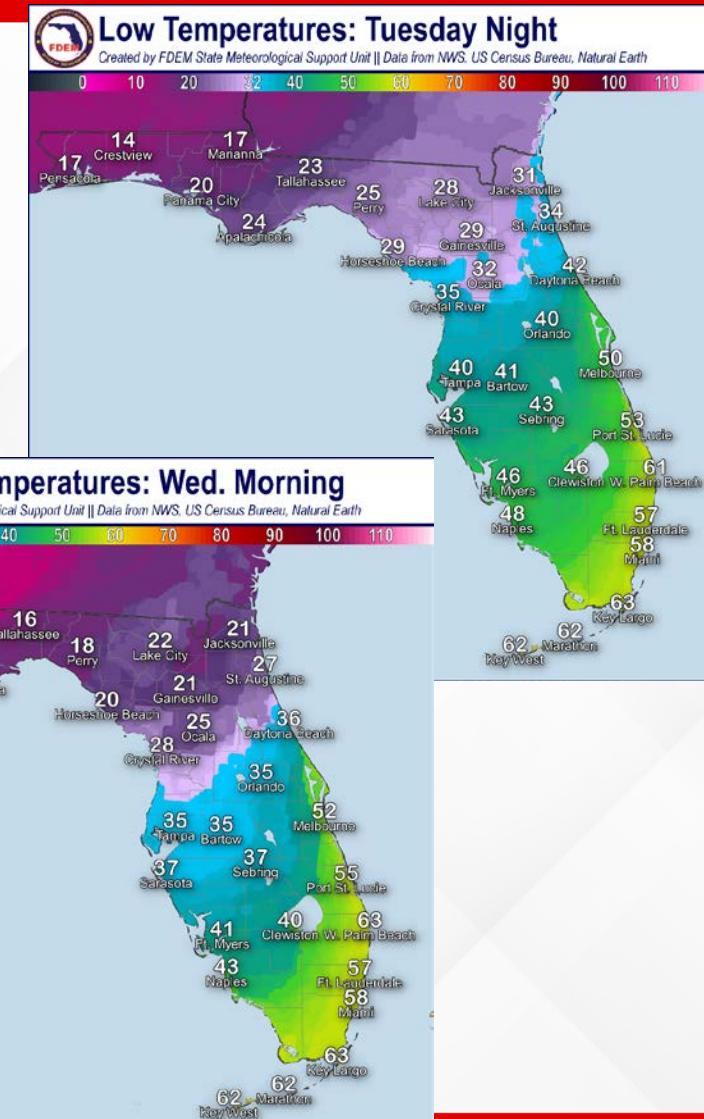


# Meteorology Summary

## Statewide Overview, Next 24 Hours:

Cold conditions this morning will continue throughout the morning hours across much of North Florida ahead of the approaching winter storm. A low pressure system is moving along the central gulf waters bringing widespread precipitation across the coastal Gulf states which will transition across along the Panhandle this morning. **Wintertime precipitation** can be expected across North Florida beginning Tuesday mid-to-late morning, then expanding eastward along the I-10 corridor this afternoon and evening and into Northeast Florida late this evening and overnight. **Mostly snow, with a slight mixing of winter precipitation** closer towards the coast can be expected across the Panhandle towards the Apalachicola River. Along and to the east of the Apalachicola River, there is a **greater chance for snow** along and north of the I-10 corridor, including the Capital City, with more of a **winter mix** south of the I-10 corridor across the western and central Big Bend. From the Suwannee River Valley and further east into Northeast Florida, mostly a **winter mix** can be expected to expand this evening. Additional areas across Northeast Florida and towards the northern Peninsula and Nature Coast (Marion, Levy), **freezing rain** is most likely. **Winter Storm Warnings** have been posted and will go into effect today across North Florida and the I-10 corridor into Wednesday morning for winter precipitation, with mostly snow across the Panhandle, a mixture of precipitation along the Big Bend and mostly freezing rain and ice accumulation from the Suwannee Valley and eastward into Northeast Florida. **Winter Weather Advisories** have been posted across St. Johns, eastern Putnam, Marion and Levy Counties for the chance of a wintry mixture of precipitation possible late Tuesday evening and into Wednesday morning. In terms of totals, **1-3" of snow** can be expected across the Panhandle and along the northwestern Big Bend (**locally higher totals of 4-5" possible in heavier bands**), with **snow totals of 1-2"** possible across the eastern Big Bend and towards the Suwannee Valley. **Ice totals of 0.01-0.1"** are possible across the western Big Bend, with **greater totals upwards of 0.1-0.25"** along the coastal Big Bend and throughout the Suwannee Valley and into Northeast Florida. Once precipitation starts falling, whether as snow or rain first, temperatures are going to significant cool down which will allow for the transitions to winter precipitations to begin, then accumulate. **Hazardous road conditions, slick bridges, overpasses, and walkways can be expected to develop.** With heavier ice accumulations, downed power lines and trees will be possible. High temperatures are going to struggle today, likely not reaching above freezing across the far western Panhandle. Across the rest of the Panhandle, high temperatures will be felt near midday in the 30s to middle 40s. Across the Big Bend and Northeast Florida, high temperatures may reach the middle 40s (Big Bend) and low 50s (Northeast Florida) this afternoon. Feels-like temperatures in the afternoon will be quite chilly with precipitation. **Feels-like temperatures (wind chills) will only reach the upper teens to low 20s** across the western Panhandle, **middle to upper 20s** across the eastern Panhandle, **low 30s** along the eastern Big Bend and **middle to upper 30s** across the central Big Bend. Winter precipitation will gradually shift eastward overnight and into the early morning hours across the I-10 corridor. While decreasing precipitation can be expected across the western Panhandle overnight, increasing precipitation can be expected throughout the Suwannee Valley and Northeast Florida. However, **dangerously cold** temperatures can be expected overnight and will allow any winter precipitation and wet conditions to freeze overnight and early Wednesday morning. Low temperatures overnight will fall into the **teens across** the Panhandle, **upper teens to middle 20s** across the Big Bend and **upper 20s to low 30s** throughout the Northeast Florida and through the Suwannee Valley towards Nature Coast. **Freeze Warnings** will go into effect overnight across Northeast Florida overnight for sub-freezing temperatures. **Extremely dangerous wind chills** will develop early Wednesday morning across the Panhandle and Big Bend reaching the **single digits to teens, teens to low 20s** across Northeast Florida, and **middle 20s to low 30s** throughout the lower Suwannee Valley and Nature Coast. **Extreme Cold Warnings** will go into effect overnight for the Panhandle and western Big Bend for **critically low wind chills**. **Cold Weather Advisories** will extend across the rest of North Florida and into the northern Peninsula (north of I-4) overnight and into Wednesday morning.

Scattered showers can be expected throughout Central and into South Florida throughout the day as a low pressure system moves across the central gulf waters. Breezy **wind gusts of 20-30 mph** can be expected across the central Peninsula, with **stronger wind gusts upwards of 40 mph** possible along the East-Central coast. **Wind Advisories** have been issued along the coast for today. As the low continues to approach and cross the Peninsula, scattered showers can be expected to continue throughout the overnight hours throughout the Peninsula. Breezy winds will also likely continue into the overnight hours as well. High temperatures will reach the middle to upper 50s across Central Florida and 60s to low 70s across South Florida. **Low temperatures will fall into upper 30s to low 40s** across the I-4 corridor and middle to upper 40s south of the I-4 corridor, upper 40s to upper 50s throughout South Florida and low 60s along the Keys. **Cold Weather Advisories** will go into effect overnight along portions of the northern Peninsula for wind chills in the low to middle 30s.





# Coastal Hazards & Hydrology

**Rip Currents:** A **moderate to high risk for rip currents** can be expected to persist nearly statewide for beaches. For the latest Rip Current Outlook, visit [www.weather.gov/beach](http://www.weather.gov/beach).

**Marine Hazards:** A low pressure system moving along the gulf waters will bring increasing ocean swells along the Panhandle coastline later this afternoon. **Wave heights of 3-5'** can be expected to develop by this afternoon along the Panhandle and Big Bend coastlines. All other West Coast beaches can expect wave heights near 2-3' with **breaking waves** upwards of 4' possible. East Coast beaches will see ocean swells begin to **increase reaching 2-4'** with **larger waves** upwards of 5' along Northeast Florida beaches.

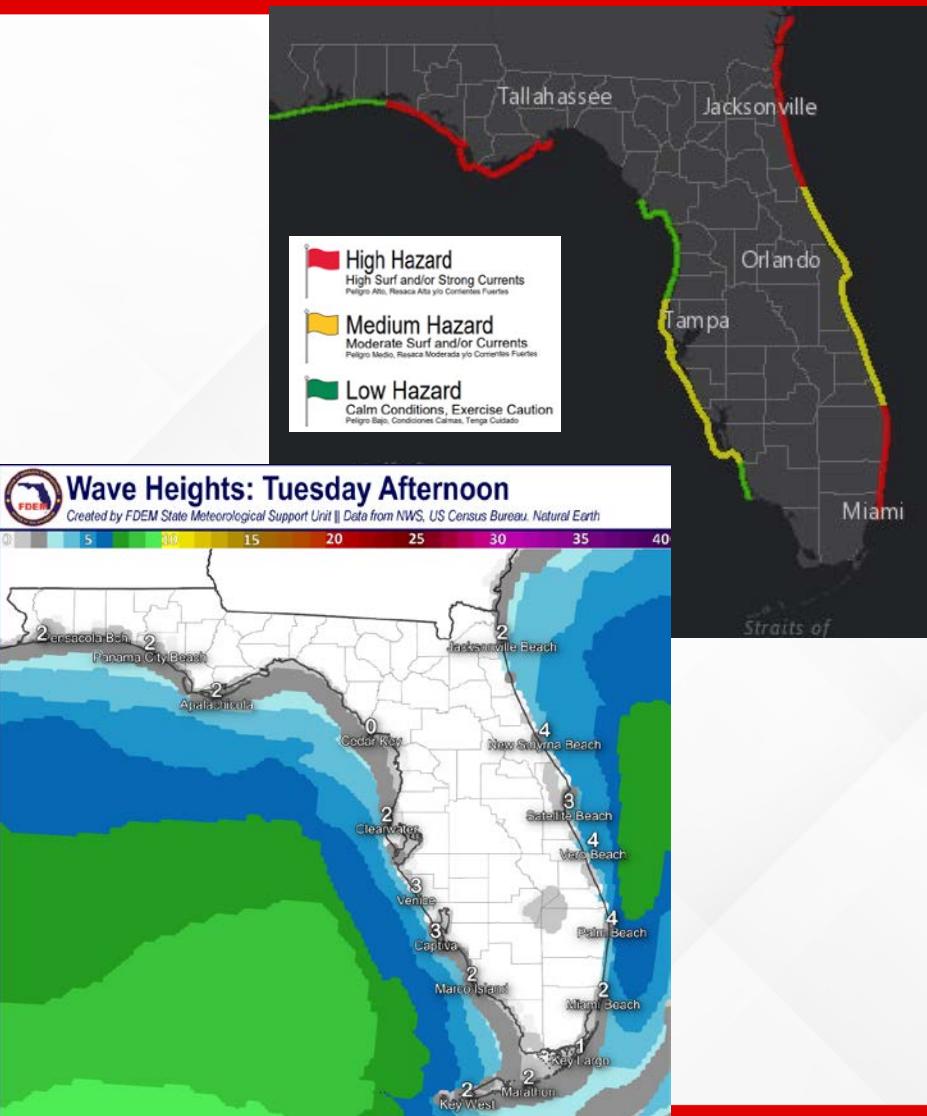
**Red Tide** has been observed in **60** samples collected from Southwest Florida (valid 1/17). Background to **low concentrations** have been observed in Pinellas, Hillsborough, and Monroe Counties. Background to **medium concentrations** have been observed in Manatee, Sarasota, and Collier Counties. Background to **high concentrations** have been observed in Charlotte and Lee Counties. *Fish kills and respiratory irritation have been reported in Sarasota, Lee, Collier, and Monroe Counties.*

**Coastal Flooding:** Increasing onshore winds and ocean swells along the Northeast Florida coastline may give way to instances of **minor coastal flooding** along the coastline and tidal portions of the St. Johns River. **Minor to moderate beach erosion** will also be possible along portions of the Northeast coast and possibly extending into northern portions of the immediate Space Coast.

**Flash Flooding:** There is no organized risk for flash flooding. Rain transitioning to winter precipitation along the Panhandle and Big Bend will create slick conditions, and accumulation of ice and wintry precipitation will create hazardous travel conditions across roads, bridges, sidewalks, and overpasses.

**Riverine Flooding:** River flooding is not expected. The [North Fork Black Creek near Middleburg](#), Santa Fe River at Worthington Springs, [Aucilla River at Lamont](#) and [St. Mary's River near Macclenny](#) are forecast to rise into Action Stage (bank-full) over the coming days. No additional riverine flooding is expected. For more information, visit the [River Forecast Center](#).

**Lake Okeechobee's** average elevation is 14.71 feet, which is within the operational band and is 0.15 feet below normal for this time of year.



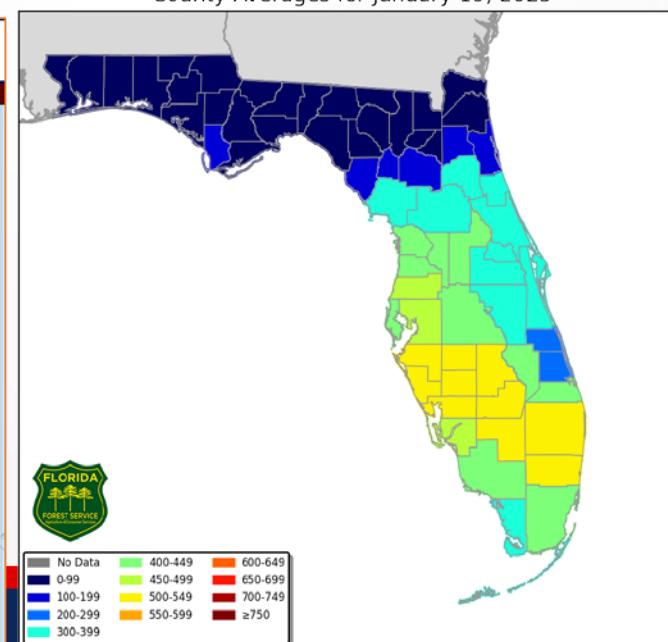
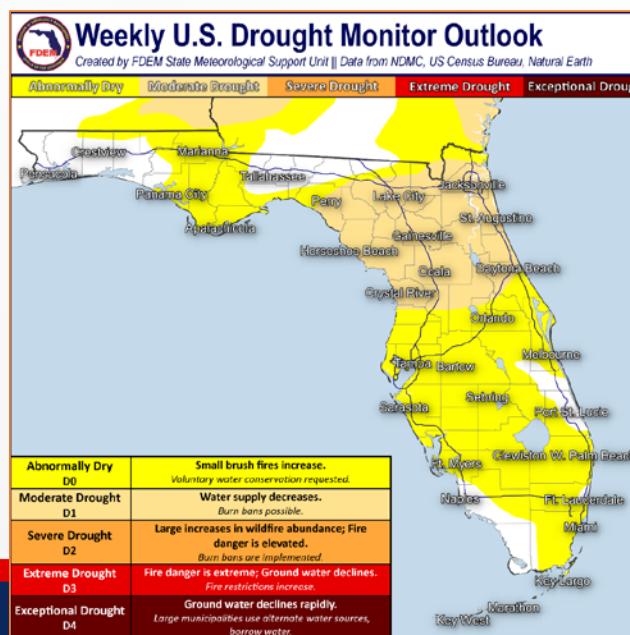


# Drought & Fire Weather

**Fire Weather:** Very cold conditions can be expected throughout North Florida with a low pressure system moving over the central Gulf waters with increasing moisture allowing for wintertime precipitation beginning late this morning and throughout the day and into Wednesday. Winter precipitation can be expected across North Florida, including all types (snow, freezing, rain, sleet and a combination thereof) beginning this morning across the western Panhandle, then expanding eastward. Scattered showers can be expected throughout Central Florida with more isolated activity across South Florida. Sub-freezing and dangerous conditions throughout North Florida can be expected overnight, with very dangerous wind chills across the Panhandle. According to the [Florida Forest Service](#), there are 15 active wildfires across the state burning approximately 197 acres.

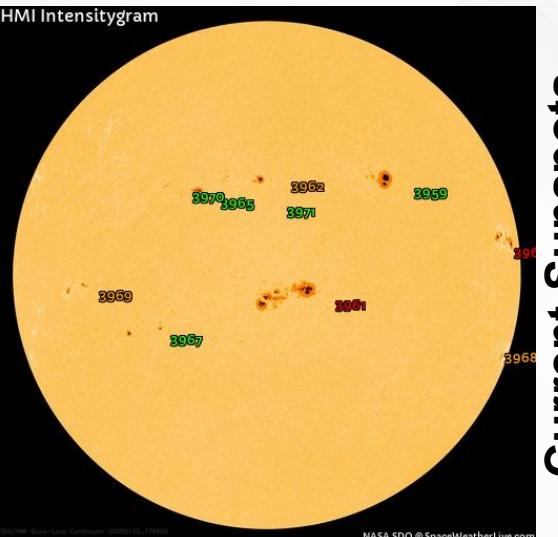
**Drought:** Some improvements to ongoing drought conditions have been noted along the Florida Panhandle with this week's Drought Monitor update (1/16) in response to widespread rainfall totals upwards of 1.5" and improved soil moisture. **Moderate Drought** conditions have been removed from the Florida Panhandle; however, *Abnormally Dry (emerging drought)* conditions persist across portions of the Northern Panhandle, Central Florida Panhandle and western Forgotten Coastline. On the other hand, **Moderate Drought** across the Northern Peninsula were expanded further southward towards the I-4 corridor on this week's Drought Monitor update where 90-day precipitation deficits exceed 5". *Abnormally Dry* conditions remain in place elsewhere through nearly all of Central and South Florida. The Climate Prediction Center (CPC) is outlooking above normal rainfall and below normal temperatures over the next week or so which may allow for marginal improvements to ongoing drought conditions.

[The Keetch-Byram Drought Index](#) average for Florida is **281 (-44)** on a scale from 0 (very wet) to 800 (very dry). There are **10** Florida counties (Broward, Charlotte, DeSoto, Glades, Hardee, Hendry, Highlands, Manatee, Palm Beach, and Sarasota) with an average KBDI over 500 (drought/increased fire danger).

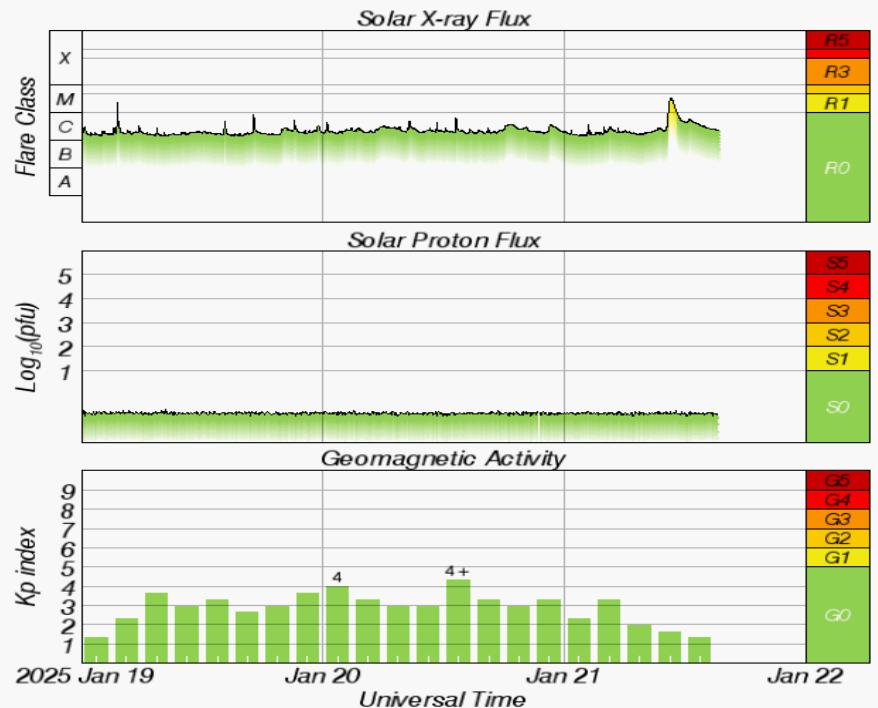




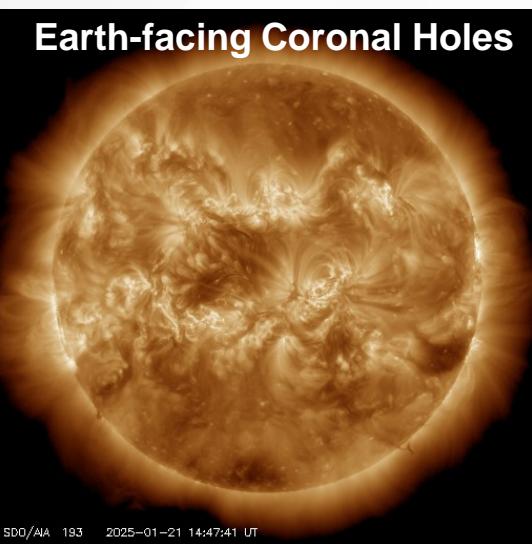
# Space Weather



## Current Sunspots



## Earth-facing Coronal Holes



**Space Weather:** Solar activity is expected to reach moderate to high levels with strong (M-class) solar flares expected and a slight chance for significant (X-class) solar flares. Minor to moderate (R1-R2) radio blackouts can be expected with M-class solar flares and strong (R3) radio blackouts can be expected with X-class solar flares. Sunspot #3961 continues to pose as a threat for X-class solar flares. Enhanced solar wind conditions and Coronal Hole High Solar Stream (CH HSS) conditions are expected to persist through today before returning to background levels. Minor (S1) solar radiation storm are possible with several active sunspots that are Earth-facing. Unsettled to active levels, with a chance for minor (G1) geomagnetic storming is expected through today. Mostly quiet conditions are expected to return tomorrow. The overall space threat to Florida is low.

Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 65%	Geomagnetic Storm: None	M3 Solar Flare
X-class: 20%	Radiation Storm: None	R1 Radio Blackout

## 48-Hour Geomagnetic Forecast

1/21	1/22
Max Kp= 3 (G0)	Max Kp= 2 (G0)
Chance of minor activity = 10% severe activity = 1%	Chance of minor activity = 5% severe activity = 1%



# SWO Communications Systems & Contact Information

Equipment	Contact	Status	Comments
<b>Phone:</b>	800-320-0519, 850-815-4001, 850-591-0071 (Backup Cell)	Operational	
<b>Backup Landline:</b>	850-487-3234, 850-487-3228	Operational	
<b>Fax:</b>	850-815-4979	Operational	
<b>Email:</b>	<a href="mailto:SWP@em.myflorida.com">SWP@em.myflorida.com</a>	Operational	
<b>SWO Tracker:</b>	<a href="https://apps.floridadisaster.org/SWO/">https://apps.floridadisaster.org/SWO/</a>	Operational	
<b>SLERS:</b>	DEM Statewide	Operational	
<b>FNARS:</b>	WGY974	Operational	
<b>Federal NAWAS:</b>	State Watch Office	Operational	
<b>EMnet Message:</b>	FL.000- State Watch Office	Operational	
<b>EMnet Voice:</b>	FL SWP- State Watch Office	Operational	
<b>IPAWS:</b>	LP.1 Stations via Emnet	Operational	
<b>FIN:</b>	SOFEOC	Operational	
<b>Satellite Phones:</b>	MSAT 888-890-5178 or Iridium 480-263-8838	Operational	
<b>Website:</b>	<a href="http://www.floridadisaster.org">http://www.floridadisaster.org</a>	Operational	

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