



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Tuesday, January 23, 2024



State Emergency Operations Center Activation Level

Level 2 Activation



SERT On-Call Personnel

Position	Personnel	Phone	Email
Operations Chief	Ian Guidicelli	(850) 354-3044	Ian.Guidicelli@em.myflorida.com
Watch Officer	Sam Walters	(850) 519-8638	Sam.Walters@em.myflorida.com
Duty Officer	Ben Mauro	(850) 566-4904	Benjamin.Mauro@em.myflorida.com
Operations Officer- Day	Caleb Pitts	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Logan Qualk	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Zachary Remante	(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	Kenneth DeCastro	(850) 567-1943	Kenneth.DeCastro@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	Christina Goetzman	(850) 519-8581	Christina.Goetzman@em.myflorida.com
ESF 8 On-Call	Hunter Stafford	(866) 786-4673	DLDOHDutyOfficers@flhealth.gov
Public Information Officer	Alecia Collins	(850) 591-9544	Alecia.Collins@em.myflorida.com
DEM Finance and Admin	Jessica Blake	(850) 284-8070	Jessica.Blake@em.myflorida.com



Regional Coordination Team

Team	County Location	Visits
Region 1: Jim Roberts	Gadsden	Office Admin
Region 2: Willie Bouie	Out of Service	Leave (See Coverage)
Region 3: Glen Hammers	Columbia	EM Visit
Region 4: James Carter	Duval	NE FL RDSTF Meeting
Region 5: Austin Beeghly	Lake	AHIMT Meeting
Region 6: Paul Siddall	Hillsborough	Homeland Security Division Meeting
Region 7: Cristian Rivera	Hardee	EM Visit
Region 8: Karen Kozac	Indian River	SJRWMD Tour
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Out of Service	Leave (See Coverage)



Region 2 Coverage Provided by RC 1
Region 9 Coverage Provided by RRC 9
Region 10 Coverage Provided by RRC 10

RC Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

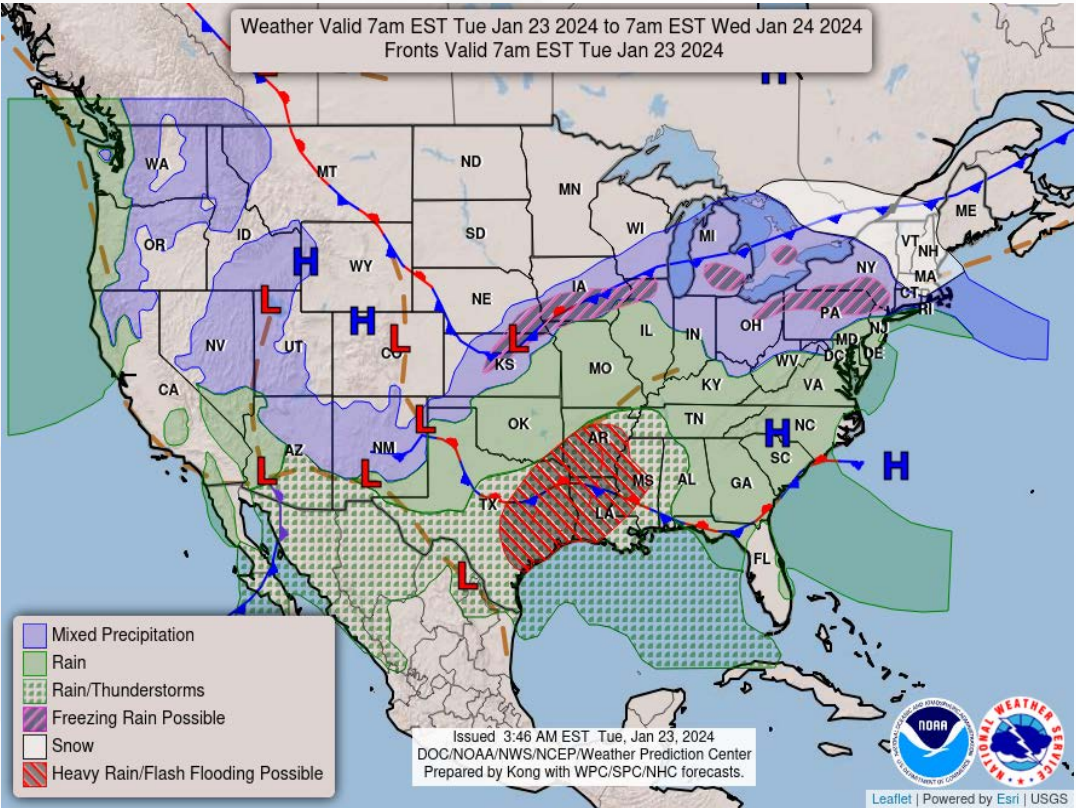
Team	County Location	Status / Activities
Region 1: Allison Blevins	Jackson	IA Outreach
Region 2: Justin Lazzara	In Region	Off & Monitoring
Region 3: Patrick James	Dixie	IRC Meeting
Region 4: Joshua Saunders	Duval	RDSTF Meeting
Region 5: Elizabeth Caison	Orange	External Stakeholder Meeting
RRCT Manager	Pinellas	VOAD Meeting
Region 6: Jeremy O'Dell		
Region 7: Grant Goodwin	Polk	Idalia Recovery Meeting
Region 8: Vacant	N/A	See Coverage
Region 9: Kathryn Thompson	Collier	County EM Meeting
Region 10: Dana McGeehan	Broward	External Stakeholder Meeting

Region 8 Coverage Provided by RRC 5 & RRC 10

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

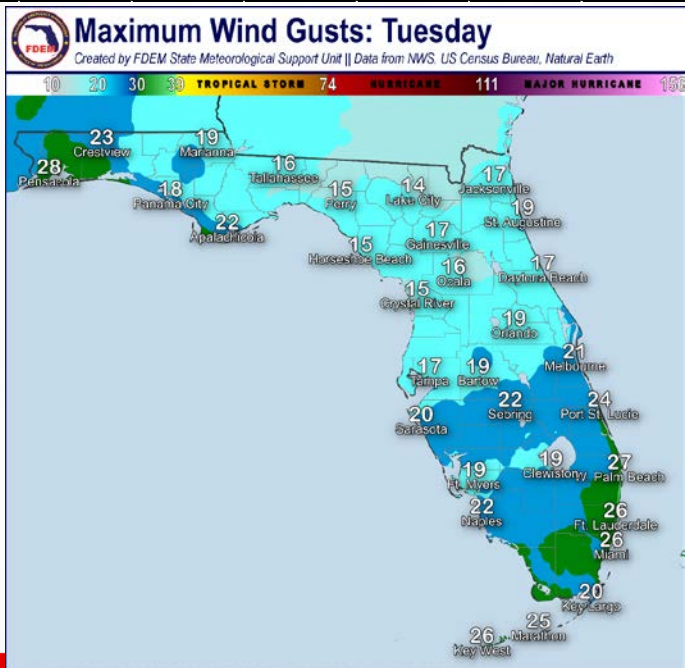
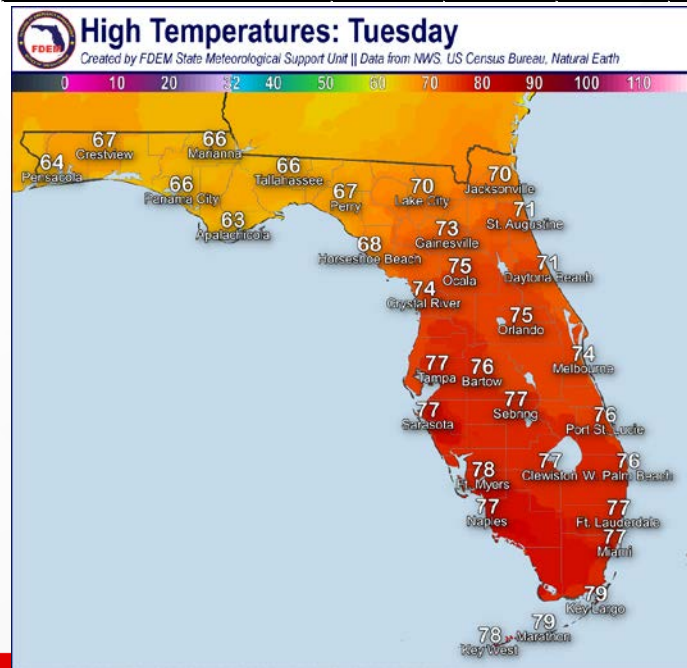


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning										
Tornado										
Damaging Wind										
Hail										
Freeze (Overnight)										
Fog (Overnight)	L	L	L	L	L					
Flash Flooding										
River Flooding			L							
Rip Currents	H	H	L	H	H	L		H	L	H
Lake Okeechobee Elevation:	16.20 ft. (1.50 ft. Above Normal)									
Keetch-Byram Drought Index:	38 (+3) on a scale from 0 (very moist) to 800 (very dry)									



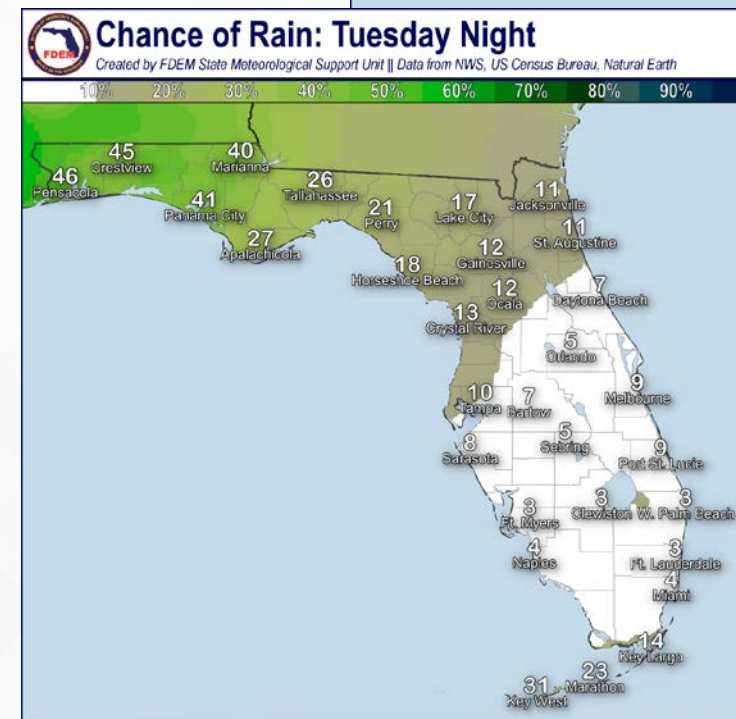
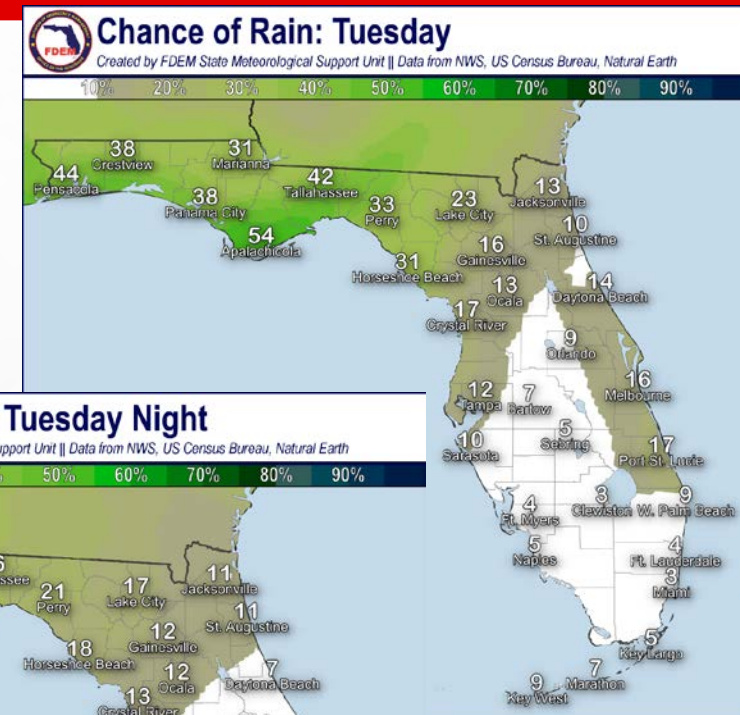


Meteorology Summary

Statewide Overview, Next 24 Hours:

A frontal boundary along the Panhandle and I-10 corridor will slowly lift northward throughout the day and into the Deep South. Isolated to scattered showers are pushing inland from the Gulf of Mexico along the Big Bend this morning, and will continue throughout the day and spread across the Panhandle (25-45% chance of rain). Pockets of drier air and unfavorable atmospheric conditions are keeping rainfall light, and a few showers and sprinkles are reaching the ground. Light showers will continue throughout the day, and a few sprinkles of rain may push into the Northeast Florida. Similar to yesterday, onshore winds flowing from the Atlantic waters along Space Coast will allow for very isolated showers to develop later this afternoon and evening (15-20% chance of rain). Breezy **wind gusts of 20-25 mph** will develop south of the I-4 corridor later this morning and into the afternoon. Stronger **wind gusts upwards of 30 mph** will be possible along portions of the Southeast Florida coastline. High temperatures will continue to follow a warming trend after the recent cold. High temperatures across the Panhandle and Big Bend will reach the middle to upper 60s, while Northeast Florida and the Peninsula will see high temperatures in the 70s. The Florida Keys could see temperatures near 80-degrees this afternoon.

As the frontal boundary continues to slowly lift northward, isolated to very scattered showers will continue through the evening and into the early overnight hours across the Panhandle and Big Bend, with some light showers drifting into Northeast Florida (15-40% chance of rain). As moisture continues to recover with the help of onshore winds, **areas of patchy fog and low clouds** may develop overnight and early Wednesday morning across North Florida and along Nature Coast. **Locally dense fog** may develop closer to the coastline and over the coastal waters; however, this will depend on whether winds can remain calm enough to allow for dense fog development. Low temperatures overnight will fall into the upper 50s to low 60s across North Florida, middle 60s across Central Florida and upper 60s to low 70s across South Florida. Low temperatures across the Florida Keys will fall into the middle 70s.





Coastal Hazards & Hydrology

Rip Currents: A **high risk for rip currents** can be expected across all Panhandle and East Coast beaches due to onshore winds and building ocean swells. For the latest Rip Current Outlook, visit www.weather.gov/beach.

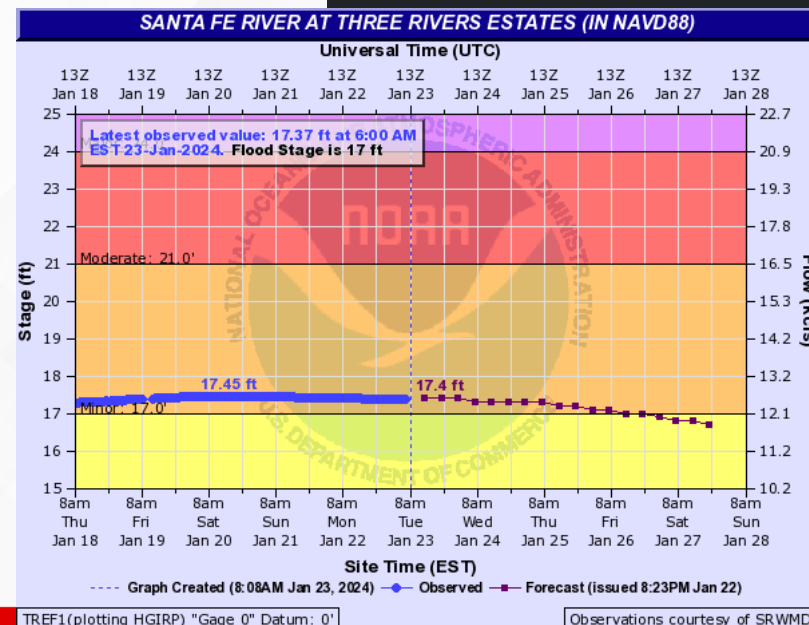
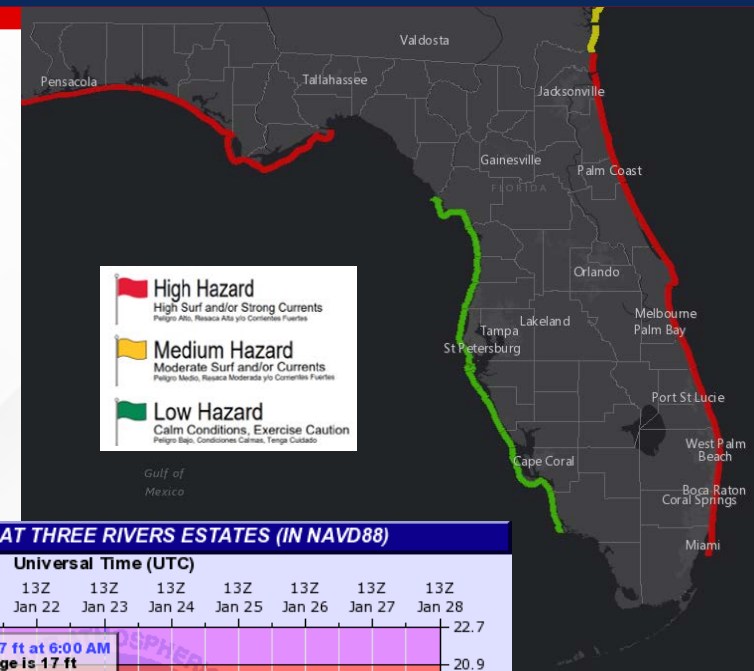
Marine Hazards: An ocean swell over the northern Gulf of Mexico will create **wave heights** of 5-8' along the Panhandle coastline. A **High Surf Advisory** is in effect along the far western Panhandle through the overnight hours on Wednesday due to developing **dangerous beach and boating conditions**. Big Bend and West Coast beaches can expect wave heights near 1-3' with **breaking waves** further offshore in the surf zone near 4' at times. Persistent onshore winds will allow for **wave heights** of 4-6' along the Florida East Coast. Larger **breaking waves** upwards of 7-8' are possible through the morning hours along Southeast Florida beaches where a **High Surf Advisory** remains in effect. **Red Tide** has not been observed above background levels over the past week.

Coastal Flooding: There is no risk for coastal flooding today.

Flash Flooding: There is no risk for flash flooding today.

Riverine Flooding: The **River Flood Warning** remains in effect for the [Santa Fe River at Three Rivers Estates](#) as the river is forecast to remain within **minor flood stage** through this week. All other Florida rivers, creeks and waterways are below flood state. There are no additional river flood concerns today. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 16.20 feet, which is within the operational band and 1.50 feet above normal for this time of year.





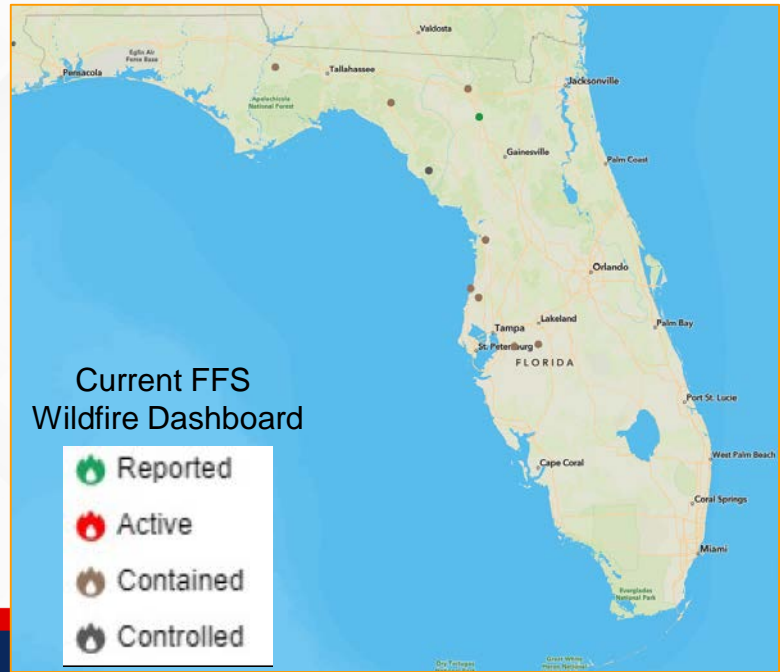
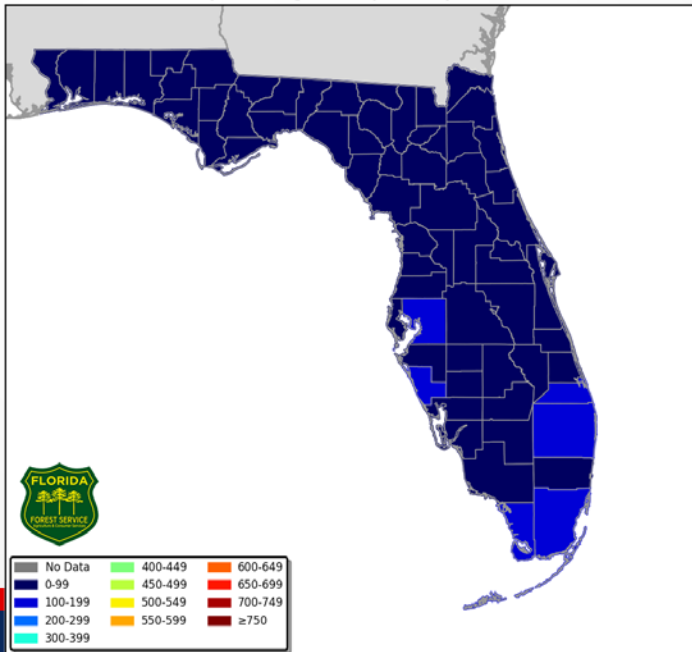
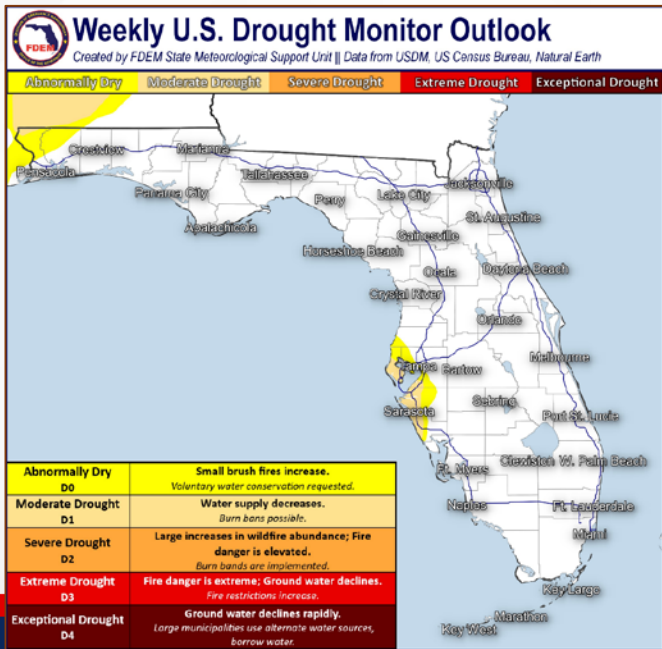
Drought & Fire Weather

Fire Weather: Easterly to southeasterly winds will continue to bring moisture inland and allow for relative humidity values to recover well above critical thresholds. Breezy wind **gusts upwards of 20-25 mph** will develop south of the I-4 corridor later this morning and into the afternoon hours, with **stronger gusts upwards of 30 mph** along the Southeast Florida coastline. Areas of **patchy fog and low clouds** may develop overnight and early Wednesday morning across North Florida and Nature Coast, with possible locally dense fog closer to the coastline and coastal waters. *Foggy conditions may further reduce visibility where there are ongoing wildfires.* According to the [Florida Forest Service](#), there are 10 active wildfires across the state burning approximately 50 acres.

Drought: Both short and long-term drought conditions have once again improved this week across Florida with the passage of a strong frontal boundary early in the week. In excess of 2" and locally more than 4" of rain was received along the Western Peninsula from the system. Abnormally dry to **moderate drought** conditions still remain along the Tampa Bay region from Pasco to Sarasota county; however, **severe to extreme drought** has been entirely removed from the region. Abnormally dry to **moderate drought** conditions also persist along the Western Panhandle but have decreased in arial extent thanks to the recent rainfall. Additional weather systems bringing multiple rounds of rainfall will work to limit further drought expansion.

The Keetch-Byram Drought Index average for Florida is **38 (+3)** on a scale from 0 (very wet) to 800 (very dry). There are **zero** Florida counties with an average KBDI over 500 (drought/increased fire danger).

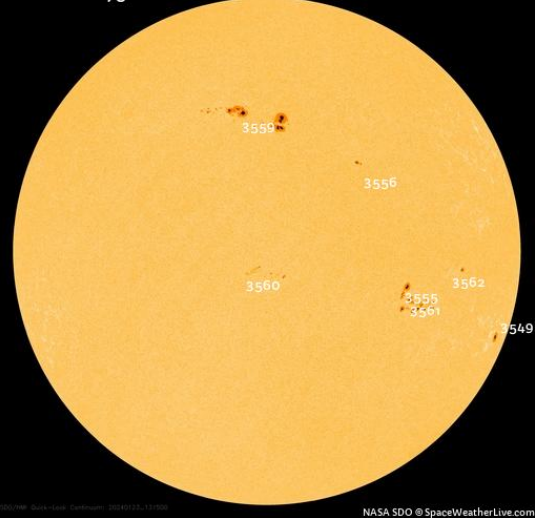
Keetch Byram Drought Index (KBDI)
County Averages for January 22, 2024





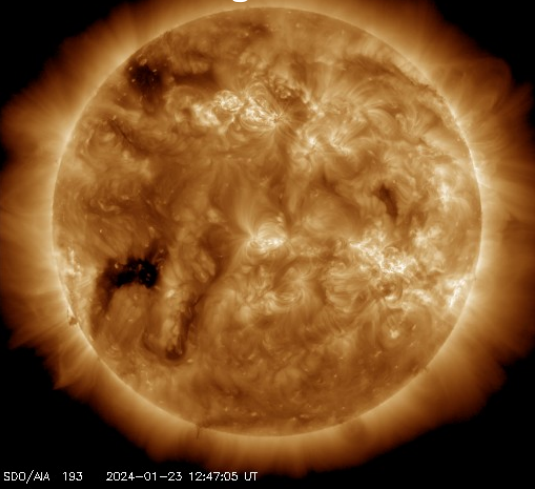
Space Weather

HMI Intensitygram



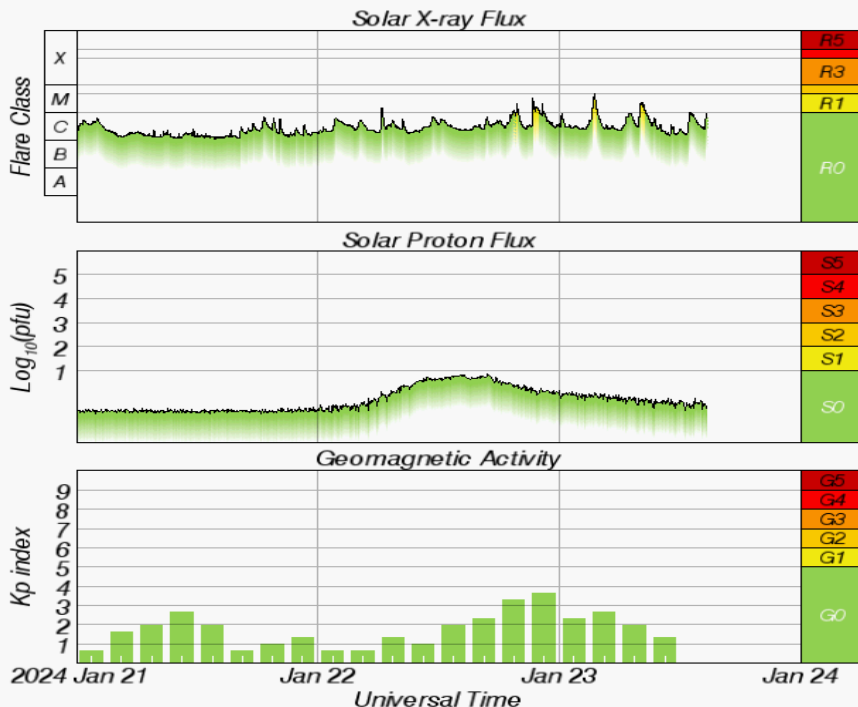
NASA SDO @ SpaceWeatherLive.com

Earth-facing Coronal Holes



SDO/AIA 193 2024-01-23 12:47:05 UT

Current Sunspots



Space Weather: Solar activity is expected to continue at moderate levels with strong (M-class) solar flares and a slight chance for significant (X-class) solar flares. Elevated solar activity is primarily due to active sunspots #3559 and #3561. Minor to moderate (R1-R2) radio blackouts are likely with moderate solar activity, and strong (R3) radio blackouts cannot be ruled out with significant solar activity. The solar wind environment will continue to remain enhanced through today due to anticipated passage of the Coronal Mass Ejection (CME) from Jan 20. After its arrival, waning conditions and a gradual return to background levels is expected. There is a slight chance for minor (S1) solar radiation storms due to recent growth and activity from sunspot #3561. Periods of minor to moderate (G1-G2) geomagnetic storming are still likely with the anticipated arrival of the Jan 20. CME. A Geomagnetic Storm Watch remains in place today ahead of anticipated geomagnetic storming. The overall space threat to Florida is low.

Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 60%	Geomagnetic Storm: G2 Watch – 1/22-23	M5 Solar Flare
X-class: 10%	Radiation Storm: None	R2 Radio Blackouts

48-Hour Geomagnetic Forecast	
1/23	1/24
Max Kp= 6 (G2)	Max Kp= 3 (G0)
Chance of minor activity = 35% severe activity = 15%	Chance of minor activity = 5% severe activity = 1%



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:	888-890-5178 or 480-263-8838	Operational	
Website:	http://www.floridadisaster.org	Operational	

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