



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Monday, April 22, 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	Caleb Pitts	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Zachary Remante	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Cassi Farestvedt	(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	Megan Hill	(850) 591-2496	Megan.Hill@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	Okaloosa	Region 1 RDSTF TTX / County EM Survey
Region 2: Willie Bouie	Gadsden, Liberty	EM Visits
Region 3: Glen Hammers	Columbia	County EM Surveys
Region 4: James Carter	Out of Service	Leave (See Coverage)
Region 5: Austin Beeghly	Orange	Executive Director Support
Region 6: Paul Siddall	Out of Service	Leave (See Coverage)
Region 7: Cristian Rivera	Hardee	DOH & EM Director Meeting
Region 8: Karen Kozac	St. Lucie	NWS/CDC Webinar
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Miami-Dade	OVS Meetings / Office Admin



Region 4 Coverage Provided by RRC 4
 Region 6 Coverage Provided by RRC 7
 Region 9 Coverage Provided by RRC 9

RC Status
Normal Operations
Out of Service / Unavailable



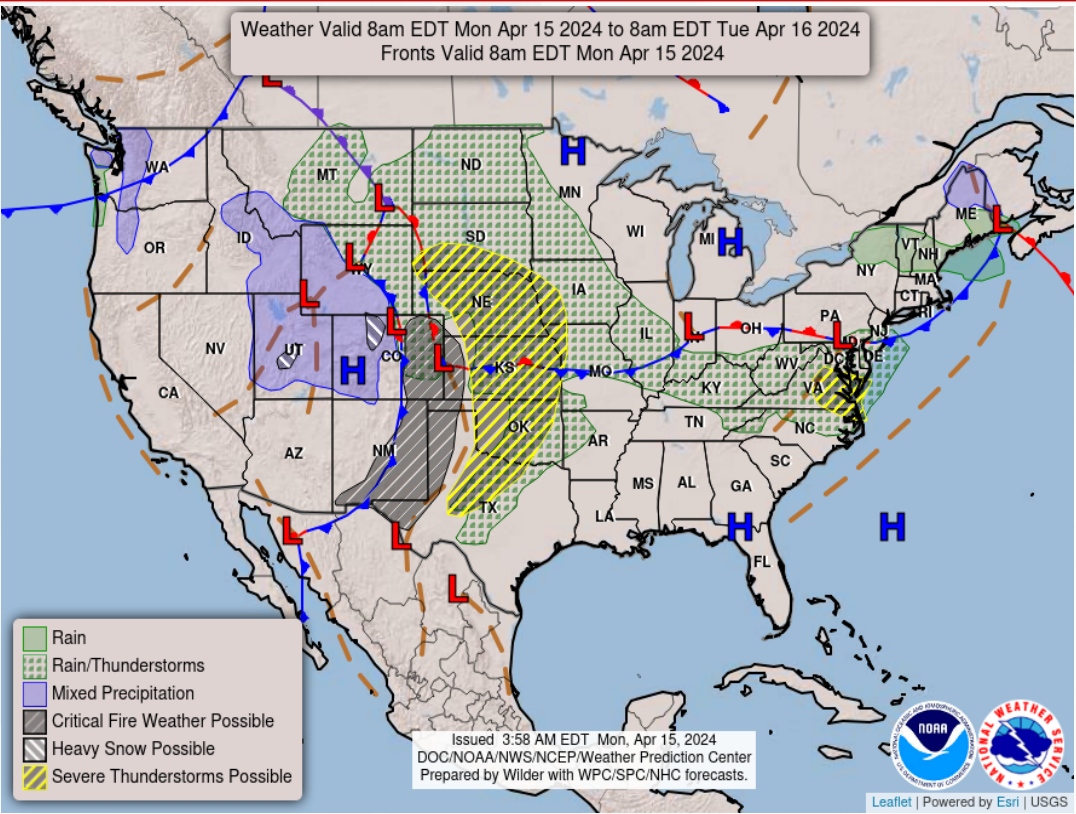
Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Allison Blevins	Okaloosa	Regional TTX / Needs Survey
Region 2: Justin Lazzara	Gadsden / Liberty	County EM Meetings
Region 3: Patrick James	Alachua	Administrative Duties
Region 4: Joshua Saunders	Clay	NWS Training
Region 5: Elizabeth Caison	Orange	Administrative Duties
RRCT Manager	Hernando	Administrative Duties
Region 6: Jeremy O'Dell		
Region 7: Grant Goodwin	Hardee	FDOH Meeting
Region 8: Ja-Pheth Butler-Miller	St. Lucie	Administrative Duties
Region 9: Kathryn Thompson	Sarasota	Hurricane Expo
Region 10: Dana McGeehan	Broward	Instruction Preparation

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

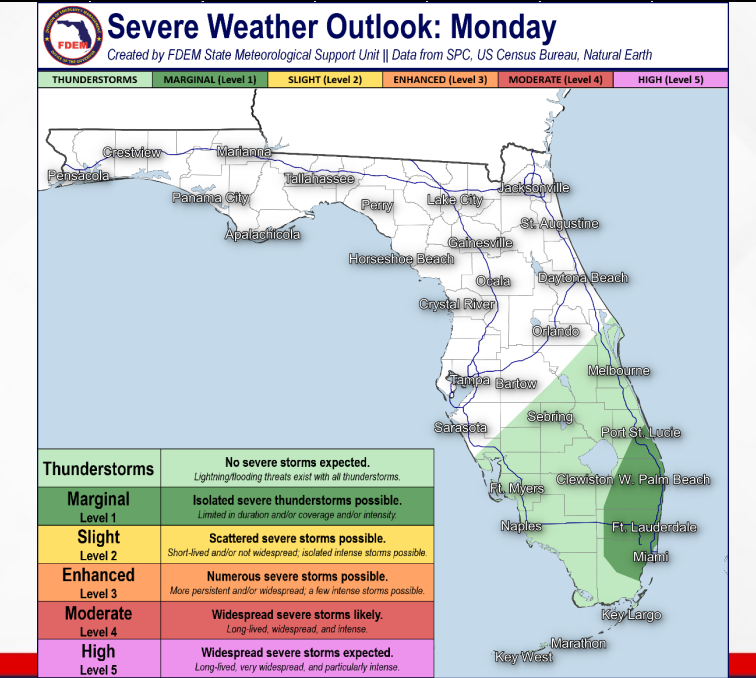
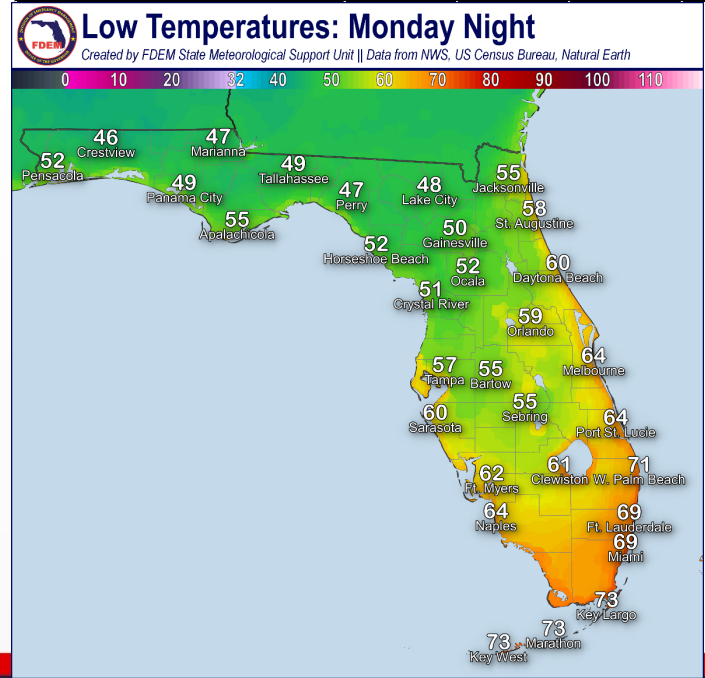


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning							L	M	L	M
Tornado										
Damaging Wind								L		L
Hail								L		L
Flash Flooding										
Fog (Overnight)										
Wildfire					L	L	L	L		
River Flooding		L	M							
Rip Currents	M	M	L	M	M	M		M	H	H
Lake Okeechobee Elevation:	14.64 ft. (0.80 ft. Above Normal)									
Keetch-Byram Drought Index:	252 (+11) on a scale from 0 (very moist) to 800 (very dry)									



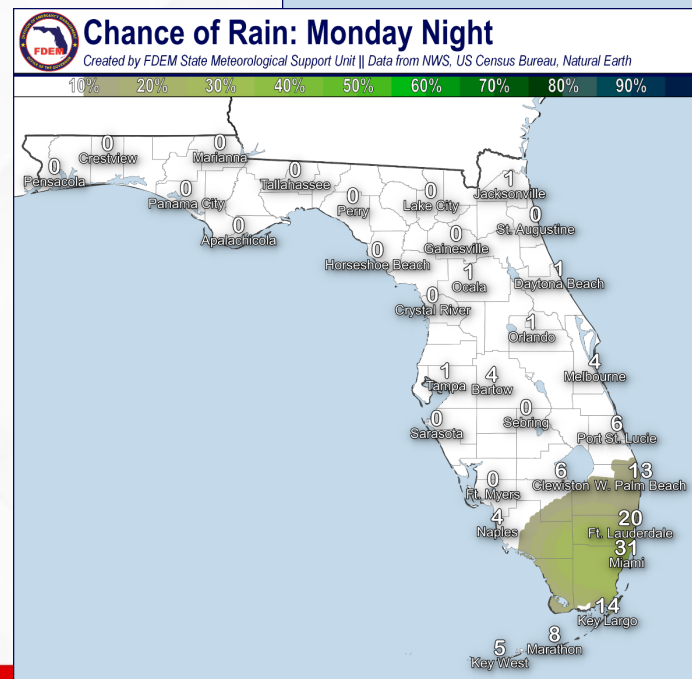
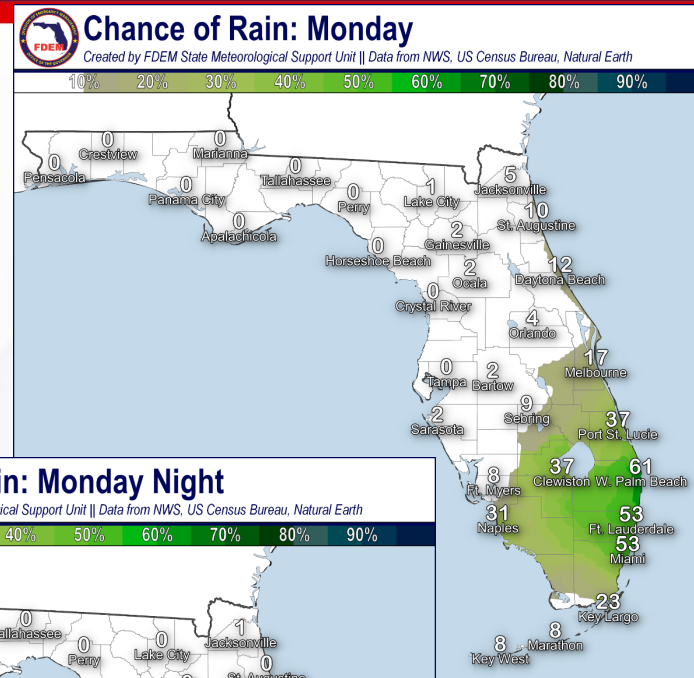


Meteorology Summary

Statewide Overview, Next 24 Hours:

A weak cold front will continue to make its way through South Florida and the Keys throughout the morning and afternoon hours bringing scattered showers and possible thunderstorms (50-60% chance of rain). The sea breeze will develop throughout the day along the Southeast Florida coastline, which will help to make a favorable environment for thunderstorms to develop during the afternoon hours. Additional favorable atmospheric and environmental conditions will also help for possible thunderstorms to develop, some of which may be strong to severe at times. The Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 5) for Severe Weather** along Southeast Florida as these **strong to severe thunderstorms** will be capable of producing frequent lightning, damaging wind gusts (50-60 mph), large hail (quarter-size) and heavy downpours. Breezy **wind gusts of 20-25 mph** will develop behind the passing cold front along the Peninsula coastlines, with possible wind gusts **upwards of 30 mph** along Space and Treasure Coasts. These breezy winds will occur outside of any thunderstorm activity that develops. Mostly clear and dry conditions can be expected across North and Central Florida behind the passing cold front throughout the day. High temperatures will be in the 70s across North Florida and the northern Peninsula towards the I-75 corridor, and the 80s south of the I-75 corridor through the Florida Keys.

Shower and thunderstorm activity will linger through the early evening hours before clearing out as the frontal boundary passes offshore (20-30% chance of rain). Drier and cooler air will eventually move into South Florida behind the passing frontal boundary this evening and overnight. Mostly clear conditions will allow for low temperatures overnight to fall into the middle to upper 40s and low 50s across North Florida, upper 50s to low 60s across Central Florida and middle to upper 60s and low 70s across South Florida and the Keys.





Coastal Hazards & Hydrology

Rip Currents: A **moderate to high risk for rip currents** is in place for nearly all beaches statewide due to lingering ocean swells and breezy winds along the coastlines. The far western Panhandle beaches can expect a low risk for rip currents. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Breezy post-frontal winds behind a passing cold front will allow for **wave heights** of 3-5' along Northeast and East-Central Florida beaches. West-Central and Southwest Florida beaches will also see wave heights of 3-4', while the rest of the West Coast can expect wave heights of 1-2'.

Red Tide has not been observed at or above background levels over the past week.

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

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

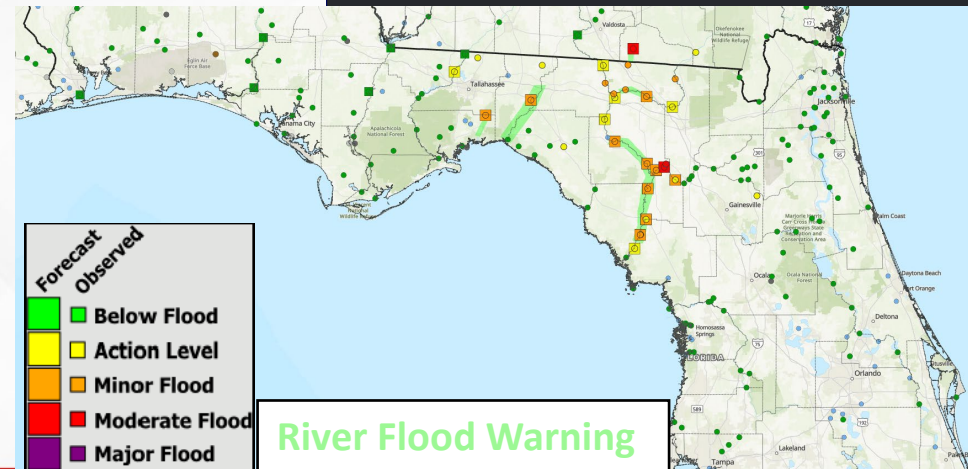
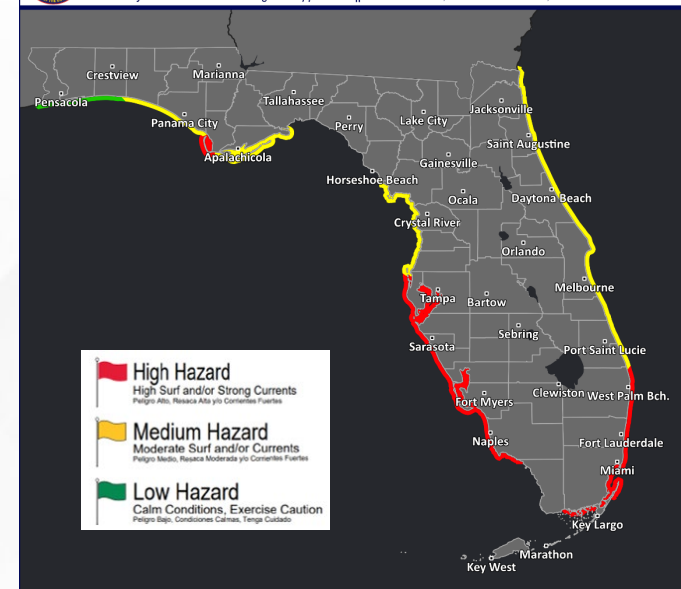
Riverine Flooding: River Flood Warnings are in effect for numerous rivers and creeks along the Florida Big Bend and Suwannee Valley as water levels rise following widespread heavy rainfall during the early April severe weather event. The [Santa Fe River at Three Rivers Estates](#) has risen into **moderate flood stage** and water levels are forecast to continue rising into next week. The [St. Marks River near Newport](#), [Aucilla River at Lamont](#), Suwannee River (near [Suwannee Springs](#), at [Manatee Springs](#), at [Luraville \(SR-51\)](#), at [Branford \(US-27\)](#), and at [Rock Bluff near Bell \(CR-340\)](#)), and [Santa Fe River at Hildreth](#) remain within **minor flood stage** through this week and into the weekend. The [Suwannee River near Wilcox](#) has risen into Action Stage (bank-full) and will continue to slowly rise into **minor flood stage** by midweek. An additional **River Flood Warning** cannot be ruled out along the [Santa Fe River near Fort White](#) as flooding along the Suwannee causes waters to back up into the basin, likely pushing water levels into **minor flood stage**. No additional riverine flooding is expected at this time. Dry conditions over the next several days will help elevated waters to level out or prevent further flooding. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 14.64 feet, which is within the operational band and 0.80 feet **above** normal for this time of year.



Rip Current Risk: Monday

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





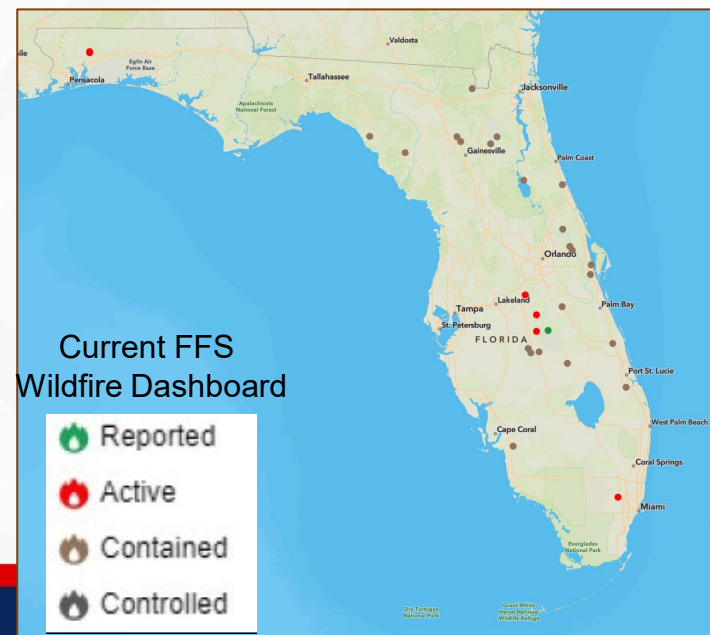
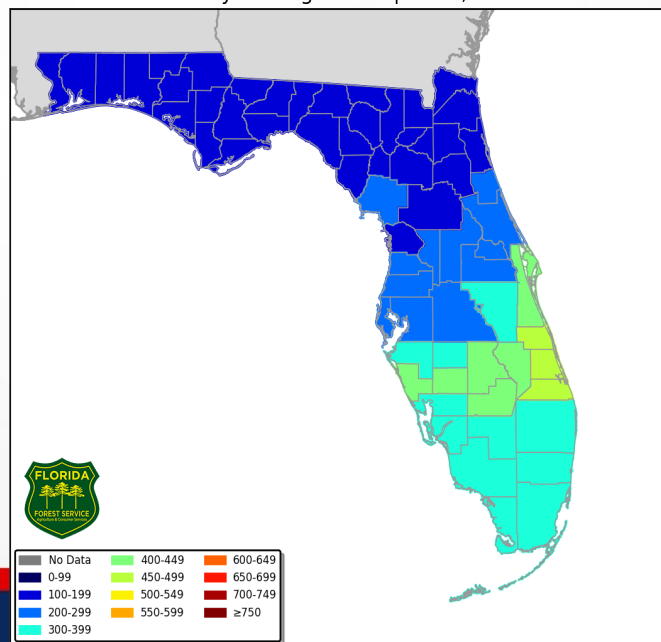
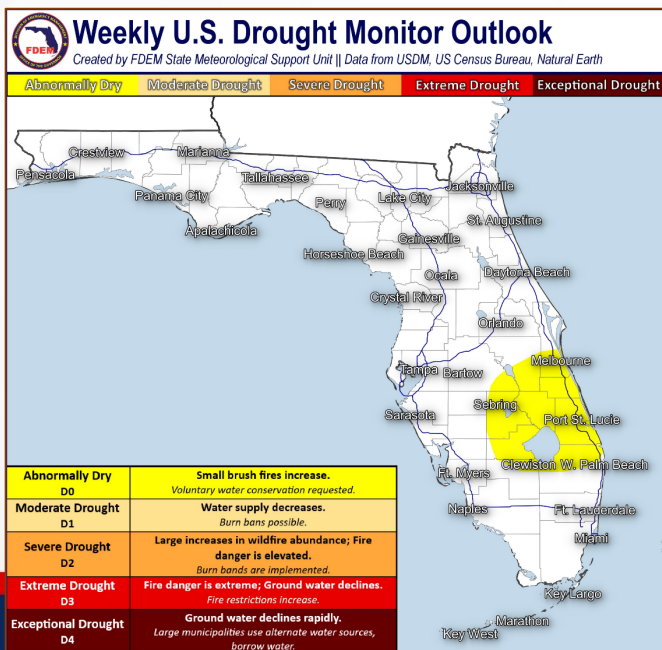
Drought & Fire Weather

Fire Weather: Drier air moving in behind a passing cold front will allow for relative humidity value across the western Panhandle to fall **below critical thresholds** by the afternoon hours (upper 20% to low 30%). **Sensitive wildfire conditions** will persist along portions of East-Central and Southeast Florida due to the lack of substantial rainfall, despite increased chances for showers and thunderstorms through the afternoon. Elevated rain chances will keep relative humidity values above critical thresholds, but thunderstorms will be capable of producing lightning and erratic winds that may contribute to spreading of any new or ongoing fires. Breezy post-frontal **wind gusts of 20-25 mph** will develop along the Peninsula coastlines throughout the day, with stronger wind **gusts upwards of 30 mph** along portions of Space and Treasure Coast. According to the [Florida Forest Service](#), there are 29 active wildfires across the state burning approximately 638 acres.

Drought: Widespread heavy rainfall along the Florida Panhandle last week has helped to alleviate and remove drought conditions along the Western Panhandle on this week's drought monitor update. Meanwhile, abnormally dry (*emerging drought*) conditions have emerged along eastern portions of the Central and Southern Peninsula, surrounding and north of Lake Okeechobee, where drier weather over the last 14-30 days has led to rainfall deficits of 1-3" below normal for this time of year. Little to no rainfall expected across the region over the next week may exacerbate drought conditions.

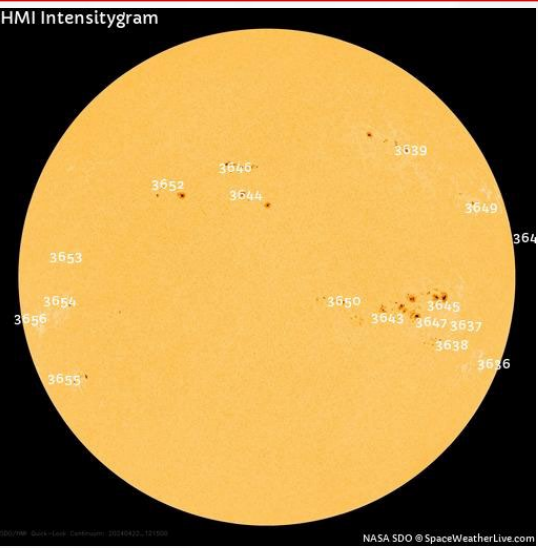
The Keetch-Byram Drought Index average for Florida is **252 (+11)** on a scale from 0 (very wet) to 800 (very dry). There are **zero** Florida counties with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for April 21, 2024

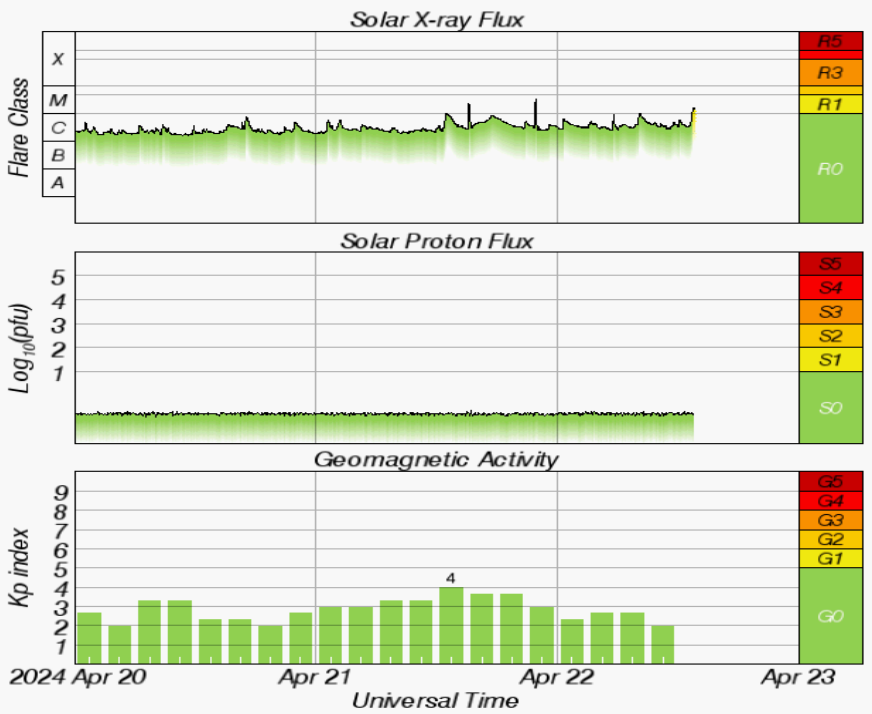




Space Weather

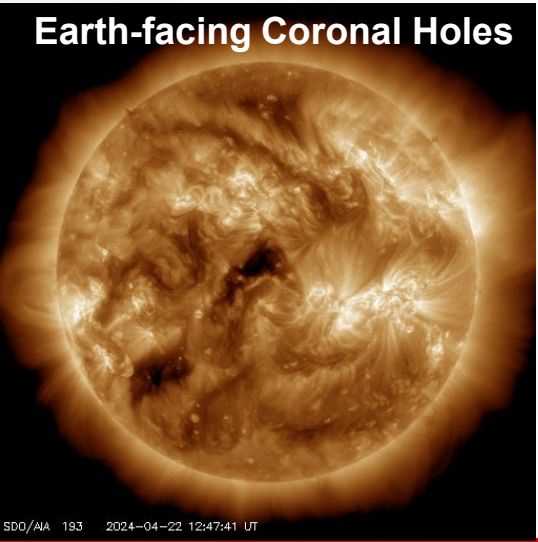


Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 75%	Geomagnetic Storm: None	M3 Solar Flare
X-class: 20%	Radiation Storm: None	R1 Radio Blackout

48-Hour Geomagnetic Forecast	
4/22	4/23
Max Kp= 3 (G0)	Max Kp= 4 (G0)
Chance of minor activity = 5% severe activity = 1%	Chance of minor activity = 15% severe activity = 5%



Space Weather: Solar activity is expected to be at low levels through the middle of the week, with strong (M-class) solar flares expected and a chance for significant (X-class) flares. Minor to moderate (R1-R2) radio blackouts can be expected with any M-class solar flares, and strong (R3) radio blackouts may accompany X-class solar flares. Multiple active sunspots facing the Earth may allow for a slight chance for minor (S1) solar radiation storms through the middle of the week. Enhanced solar wind conditions will continue to prevail due to lingering Coronal Hole High Solar Stream (CH HSS) conditions. The Earth's geomagnetic field will remain at unsettled to active levels due to CH HSS conditions. 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:	888-890-5178 or 480-263-8838	Operational	
Website:	http://www.floridadisaster.org	Operational	

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