



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Thursday, August 18, 2022



State Emergency Operations Center Activation Level

Level 3 Monitoring



SERT On-Call Personnel

Position	Personnel	Phone	Email
Operations Chief	Ian Guidicelli	(850) 354-3044	Ian.Guidicelli@em.myflorida.com
Watch Officer	Taylor Cheney	(850) 545-4047	Taylor.Cheney@em.myflorida.com
Duty Officer	Jeremy Whitt	(850) 755-8521	Jeremy.Whitt@em.myflorida.com
Operations Officer- Day	Cassi Farestvedt	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Matthew Peloso	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Jim Lawhon	(850) 815-4001	SWP@em.myflorida.com
Meteorologist	Caitlyn Gillespie	(850) 688-2119	Caitlyn.Gillespie@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	Status / Activities
Region 1: Jim Roberts	Okaloosa	NWS Meeting / Training - FL 608 & FL 609
Region 2: Willie Bouie	Franklin	County EM Visit
Region 3: Pam Bergstrom	Okaloosa	Instructing - FL 608 & FL 609
Region 4: Paul Siddall	Hillsborouogh	UASI / ESF 8 Planning Meeting
Region 5: Austin Beeghly	Volusia	FDOT Regional Meeting
RC Manager	Manatee	IMT Wrap Up / Office/Admin
Region 6: Jodie Fiske		
Region 7: Claudia Baker	Miami-Dade	NWS Meeting



RRC 5 is providing coverage for RC5
 RRC 6 is providing coverage for RC6

RC Status

Out of Region-Incident Response

Normal Operations

Delayed Response

Out of Service / Unavailable



Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Elizabeth Caison	Okaloosa	Instructing - FL 608 & 609
Region 2: Justin Lazzara	Leon	Building Enduring Community Resilience FEMA Webinar
Region 3: VACANT	N/A	N/A
RRCT Manager	Okaloosa	Instructing - FL 608 & 609
Region 4: Jeremy O'Dell		
Region 5: Shannon Hagan	Lake	County Recovery Meeting
Region 6: Marc Purvis	Lee	Ruskin Weather Meeting / Office/Admin
Region 7: Dana McGeehan	Miami- Dade	SBA BRC

RC 3 is providing coverage for RRC 3

RRC Status

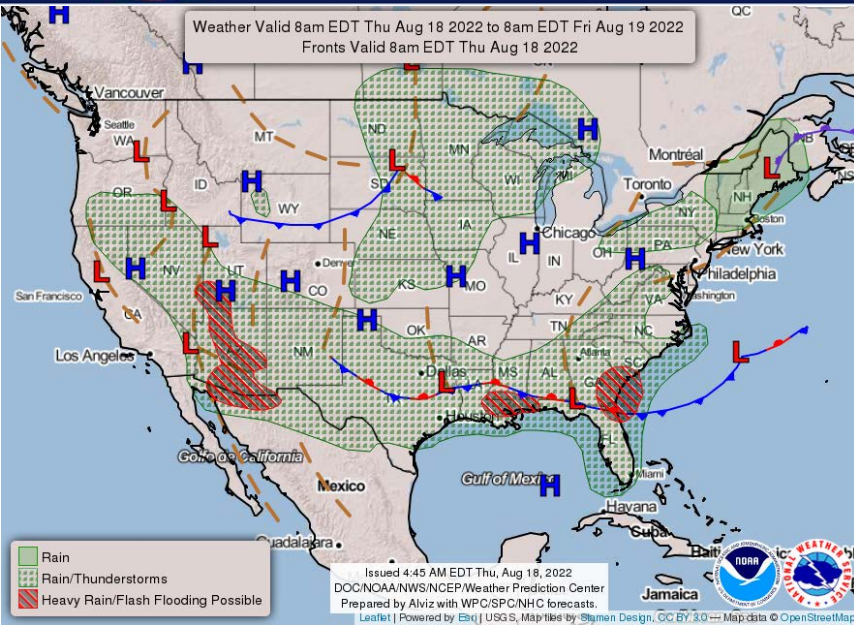
Normal Operations

Delayed Response

Out of Service / Unavailable

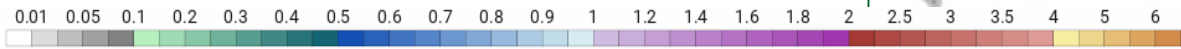


Meteorology Summary

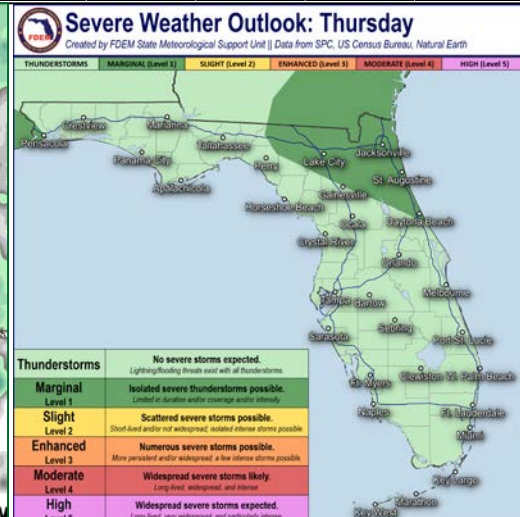
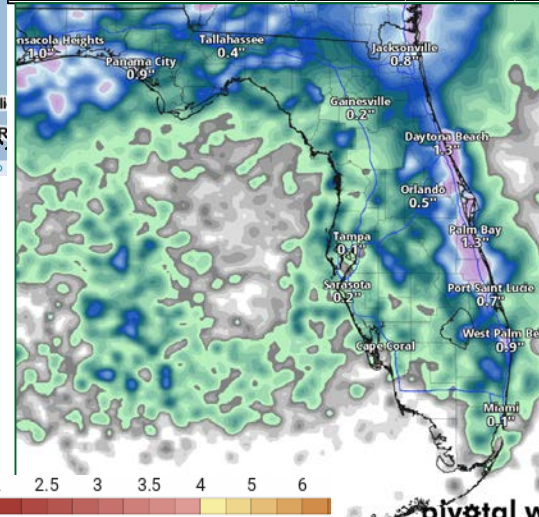


Today's Weather Map

24-Hour Forecast Rainfall Totals



Threat	R1	R2	R3	R4	R5	R6	R7
Lightning	H	H	H	M	M	M	M
Tornado							
Damaging Wind	L	L	L				
Hail							
Flash Flooding	L	L	L				
Excessive Heat			L	L	L	L	L
Fog							
Wildfire							
Rip Currents	M	H	L	L	L	L	L
Space Weather	Very Low						
Lake Okeechobee Status:	Elevation is at 12.75 ft.						
Keetch-Byram Drought Index:	228 (+12) on a scale from 0 (very moist) to 800 (very dry)						



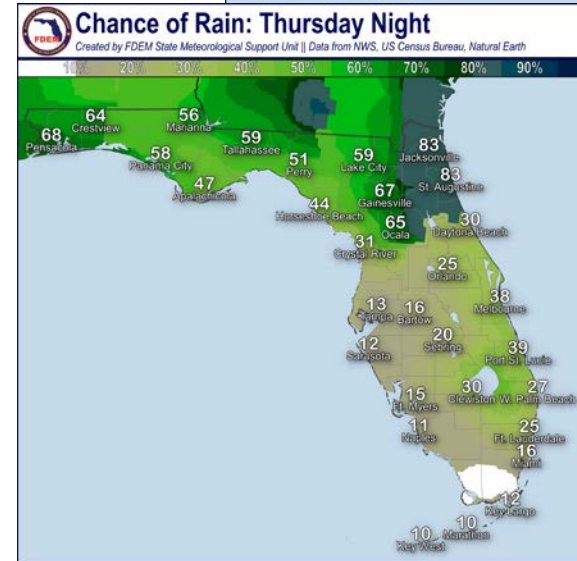
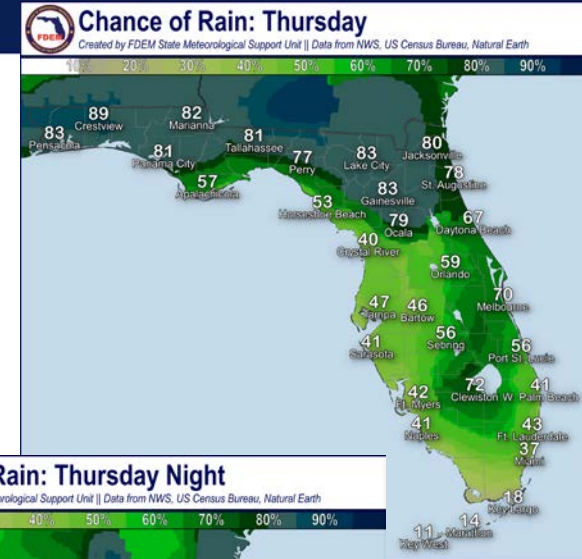


Meteorology Summary

Statewide Overview, Next 24 Hours:

Ongoing showers and thunderstorms in the Panhandle will give way to increasing cloud cover and rain chances statewide. As a stalling frontal boundary draped over North Florida will persist today, ample moisture in place will allow for scattered showers and thunderstorms to continue to develop through the afternoon and evening, with the highest chance of rain residing over North Florida (75-90% chance of rain). During the peak heating hours of the day, isolated **strong to severe thunderstorms** may develop across portions of North Florida, mainly over Northeast Florida. The primary concern with this activity will be locally damaging wind gusts (40-60 mph), frequent lightning, and heavy rainfall rates. These heavy rainfall rates may yield **localized flooding** of low-lying and poor drainage areas, particularly over Northeast Florida. While the overall severe weather threat will gradually subside after sunset, scattered showers and thunderstorms will continue over North Florida through the late evening and overnight hours (50-70% chance of rain). Spotty coastal showers and thunderstorms will develop early Friday morning, setting the stage for another wet and unsettled day.

Prior to any rain relief this afternoon, high temperatures will rise into the upper 80s to middle 90s statewide. Combined with muggy conditions, heat indices will eclipse the triple digits (99-105 degrees) across many Northeast Florida and Peninsula locations. Overnight temperatures will remain mild statewide, with low temperatures in the 70s and 80s.





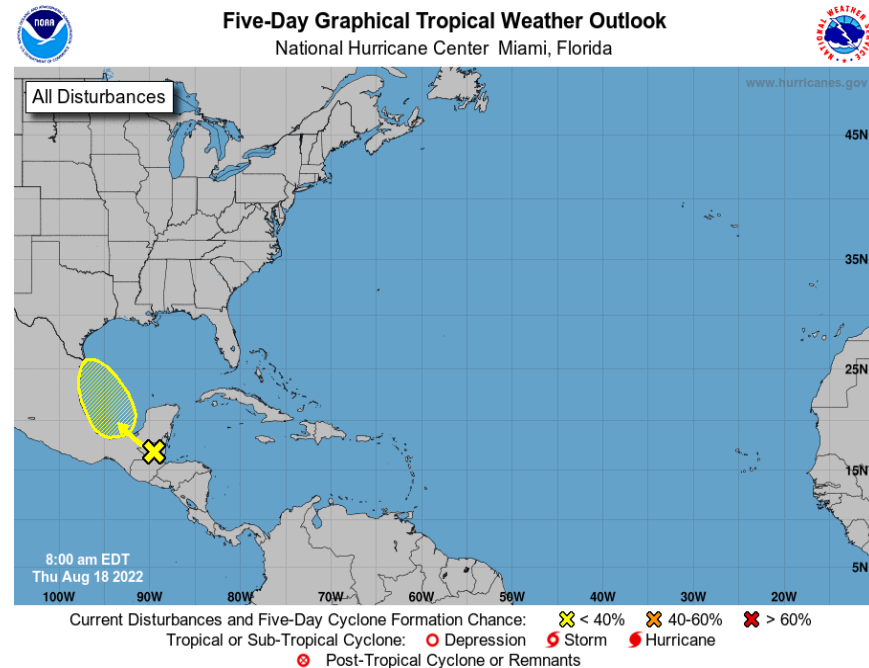
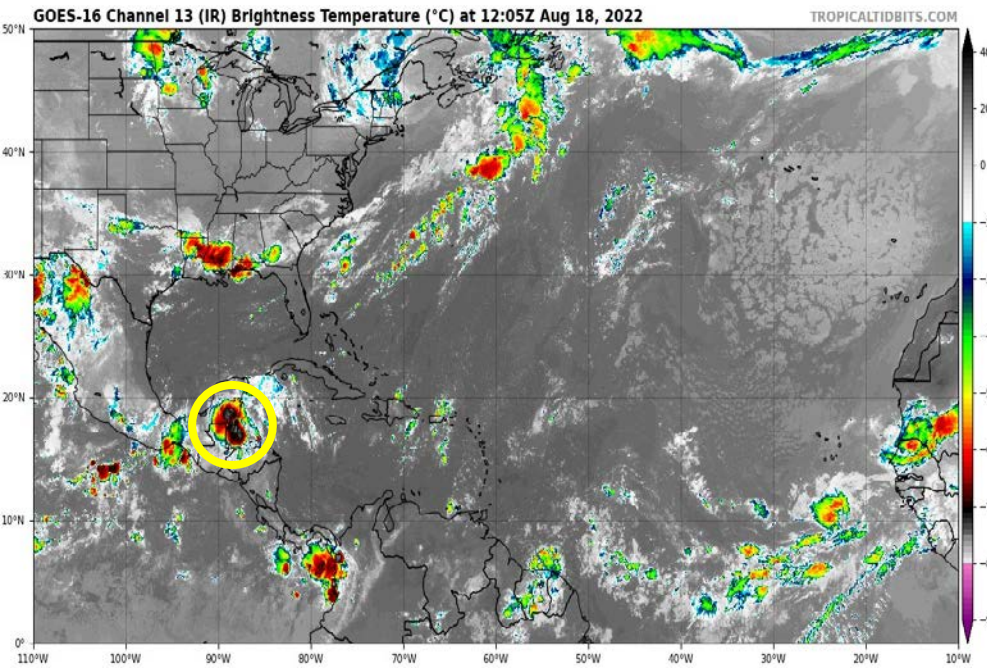
Tropical Weather

For the latest on the tropics, please visit the National Hurricane Center (NHC) at www.hurricanes.gov.

Southwestern Gulf of Mexico: A concentrated area of showers and thunderstorms is associated with a tropical wave located over northern Guatemala. This system is forecast to move across Central America and southeastern Mexico through tonight before emerging over the Bay of Campeche on Friday, where an area of low pressure could form. After that, additional slow development of this system is possible while it moves northwestward over the southwestern Gulf of Mexico through the weekend. This disturbance poses no threat to Florida.

*Formation chance through 48 hours...low...20%.

*Formation chance through 5 days...low...30%.





Coastal Hazards & Hydrology

Rip Currents: Onshore winds will produce an **elevated rip current risk** for most Panhandle beaches, with a **high risk of rip currents** along Gulf County beaches. Low risk conditions can be expected along all other Florida beaches. For the latest Rip Current Outlook, visit www.weather.gov/beach.

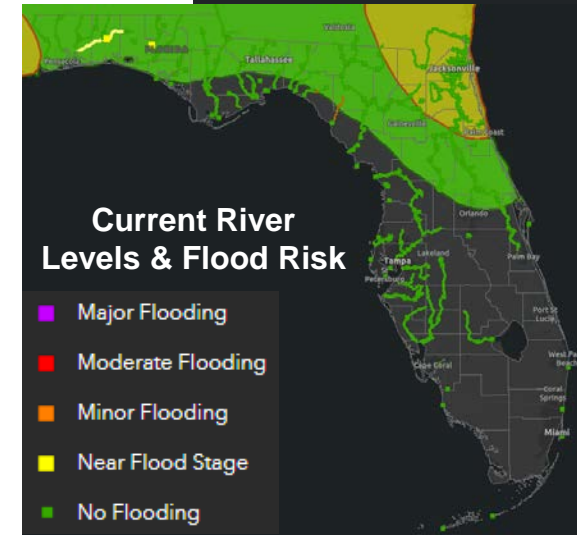
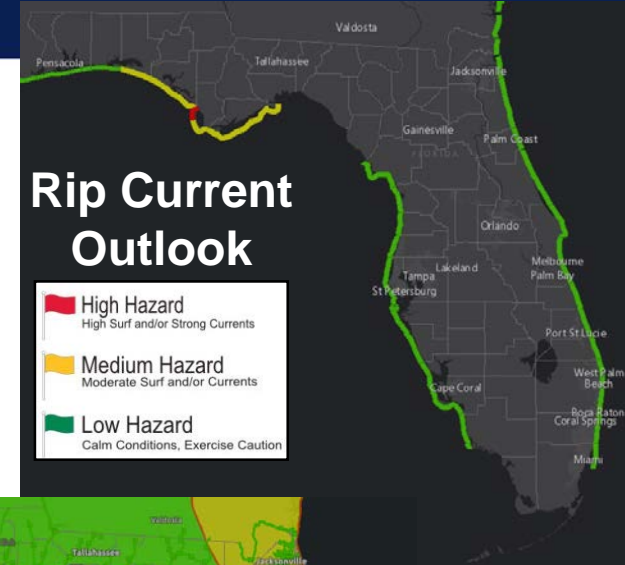
Marine Hazards: Wave heights will be 1-3' along all Florida beaches. **Red Tide** has not been observed above background concentrations over the past week.

Coastal Flooding: Tides are near normal and coastal flooding is not anticipated.

Flash Flooding: Any shower or thunderstorm that develops today will be capable of producing very heavy rainfall rates. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk for Flash Flooding (level 1 of 4)** across North Florida, with a **Slight Risk (level 2 of 4)** over Northeast Florida. Localized rainfall totals of 2-4" cannot be ruled out, especially over areas that experience multiple rounds of heavy rainfall. Localized flooding of poor drainage and low-lying areas will be possible.

Riverine Flooding: Florida rivers, creeks, and lakes remain below flood stage. A couple of western Panhandle rivers remain in Action Stage (bank-full), courtesy of recent and forecast heavy rainfall. For more details on specific river levels, please visit the River Forecast Center.

Lake Okeechobee's average elevation is 12.75 feet, which is within the operational band and 1.27 feet below normal for this time of year. Small pulse releases continue down the Caloosahatchee.





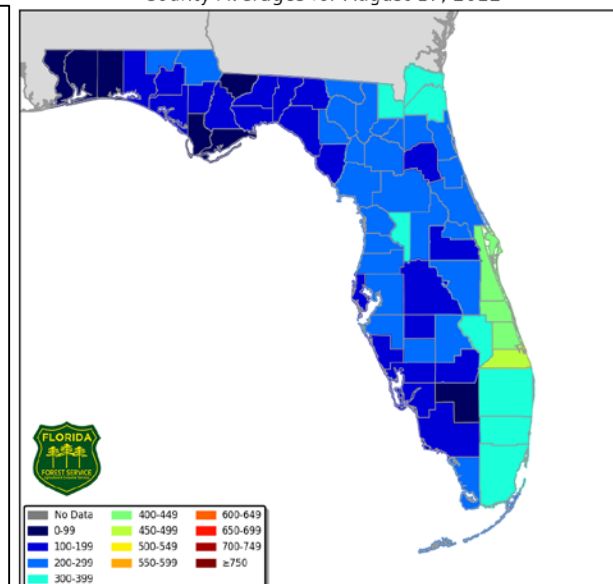
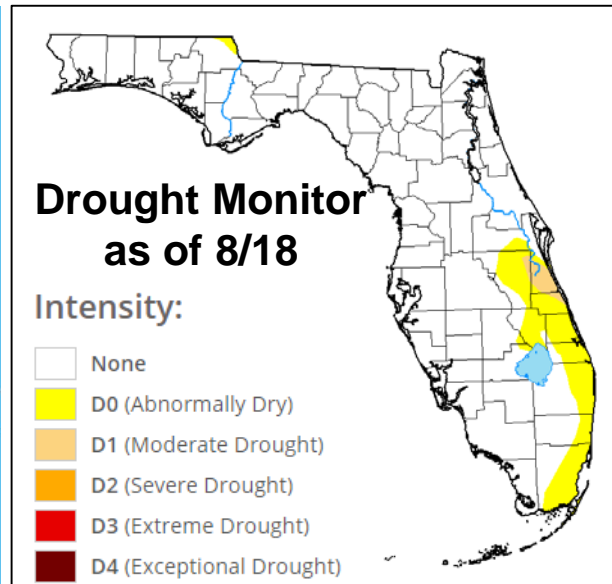
Drought & Fire Weather

Fire Weather: Recent and forecast rainfall continues to keep the wildfire threat low statewide. However, lightning can spark new fires. Winds near and in thunderstorms may be gusty and erratic. According to the [Florida Forest Service](#), there are 18 active wildfires in the state, totaling approximately 2,323 acres.

Drought: Dryness intensified and expanded along the East Coast on this week's updated [Drought Monitor](#). Both 30-day and 60-day rainfall deficits increased along the East-Central and Southeast Florida Coast, with the past month bringing 3-5" less rainfall than normal along the coast from West Palm Beach northward through the Melbourne area. This prompted a deterioration to **moderate drought** in parts of the Space Coast, with Abnormally Dry (*emerging drought*) conditions expanding westward into the Kissimmee River Valley and southward to the Keys.

The Keetch-Byram Drought Index average for Florida is 228 (+12) on a scale from 0 (very wet) to 800 (very dry). There are **zero** counties with an average KBDI over 500 (drought/increased fire danger), but portions of East-Central and Southeast Florida remain above 500, especially along the I-95 corridor.

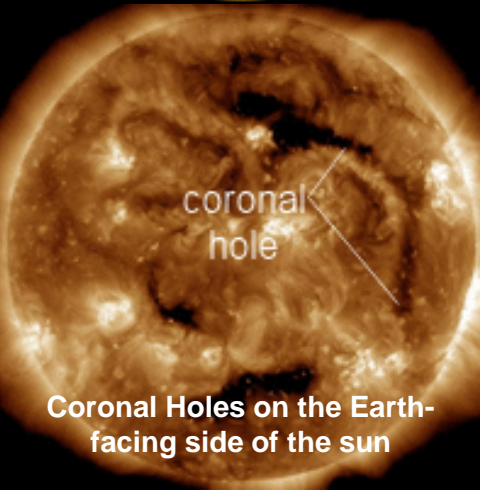
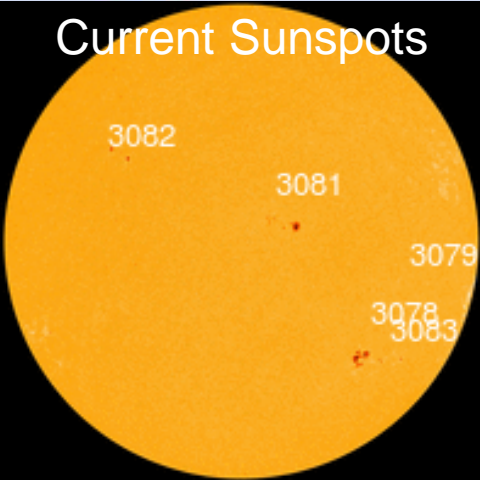
Keetch Byram Drought Index (KBDI)
County Averages for August 17, 2022



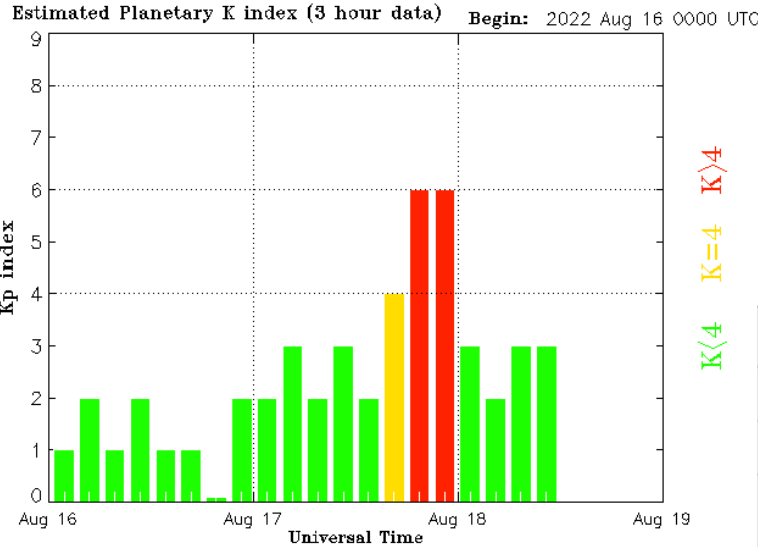


Space Weather

Current Sunspots



Coronal Holes on the Earth-facing side of the sun



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 40%	Geomagnetic Storm: None	M2 Solar Flare
X-class: 10%	Radiation Storm: None	R1 Radio Blackouts
48 Hour Geomagnetic Forecast		
8/18		8/19
Max Kp= 7 (G3)		Max Kp= 5 (G1)
Chance of minor activity = 35% severe activity = 50%		Chance of minor activity = 35% severe activity = 25%

Space Weather: An elevated chance for moderate solar flares, and a slight chance for strong solar flares (X-class) continues today. Minor to moderate radio blackouts may accompany the strongest solar flare activity. Enhanced solar wind parameters will become further enhanced as additional Coronal Mass Ejections (CMEs) combine with coronal hole influences. Geomagnetic storming will be likely today, reaching moderate to strong geomagnetic storm levels (G2-G3) as a series of CMEs impact Earth. Impacts from today's activity will likely be confined to higher latitudes (50-degrees north), and the space weather threat to Florida remains 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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