



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Monday, October 21, 2019



State Emergency Operations Center Activation Level

Level 3 Monitoring



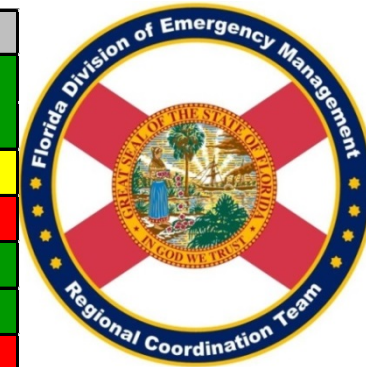
SERT On-Call Personnel

Position	Personnel	Phone	Email
Operations Chief	Ashley Davis	(850) 544-8373	Ashley.Davis@em.myflorida.com
Watch Officer	Sam Walters	(850) 519-8638	Sam.Walters@em.myflorida.com
Duty Officer	Justin Lazzara	(850) 519-6961	Justin.Lazzara@em.myflorida.com
Operations Officer- Day	Paige Levanti	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Phillip Thomas	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Chris Dorans	(850) 815-4001	SWP@em.myflorida.com
Meteorologist	Michael Spagnolo	(850) 508-0245	Michael.Spagnolo@em.myflorida.com
Plans Chief	Ryan Lock	(850) 841-9484	Plans_Command@em.myflorida.com
Logistics Chief	Eugene Buerkle	(850) 363-5427	Eugene.Buerkle@em.myflorida.com
Human Services Director	Pam Hughes	(850) 528-5638	Pamela.Hughes@em.myflorida.com
Emergency Services Director	Rob Dietrich	(850) 727-3414	Robert.Dietrich@em.myflorida.com
Infrastructure Branch Director	Danny Kilcollins	(850) 519-8581	Danny.Kilcollins@em.myflorida.com
ESF 8 On-Call	Kenneth DeCastro	(866) 786-4673	DLDOHDutyOfficers@flhealth.gov
Public Information Officer	Jason Mahon	(850) 294-2169	Jason.Mahon@em.myflorida.com
DEM Finance and Admin	Karen Peyton	(850) 508-0033	Karen.Peyton@em.myflorida.com



Regional Coordination Team

Team	County Location	Status / Activities
RC Manager: Jim Roberts	Leon	Office Admin
Region 1: Jim Roberts		
Region 2: Brian Bradshaw	In Region / State	Off and Monitoring
Region 3: Gina Lambert	Annual Leave	Off - See Coverage
Region 4: Paul Siddall	Polk	Tornado Damage Assessment
Region 5: Claudia Baker	Orange	Operations Section Chief Training
Region 6: Jodie Fiske	Annual Leave	Off - See Coverage
Region 7: Willie Bouie	Palm Beach	County EM Visit

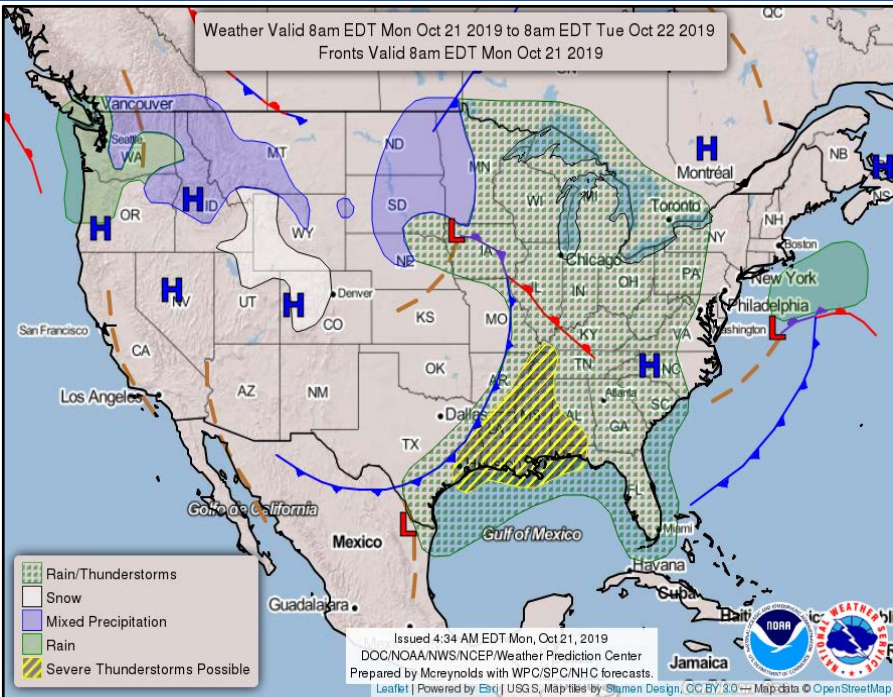


Region 3 coverage provided by R5
 Region 6 coverage provided by R4

RC Status
Normal Operations
Delayed Response
Out of Service / Unavailable

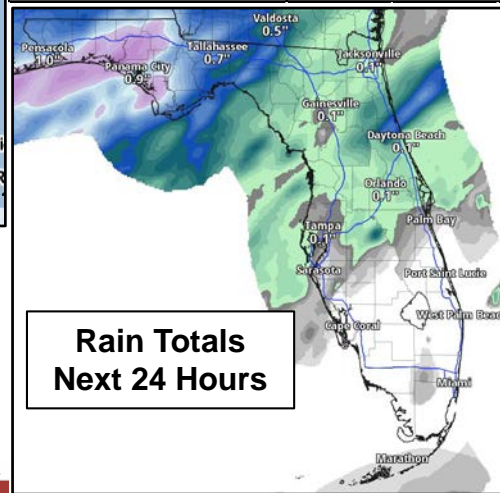


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7
Lightning	H	M	L	L	L	L	L
Flooding							
Damaging Wind	M	L	L				
Hail							
Tornado	L	L	L				
Excessive Heat							
Fire	L	L	L	L	L	L	L
Fog		L	M	L	L	M	L
Rip Currents	H	M	M	L	M	L	L
Space Weather	Very Low						
Lake Okeechobee Status:	Elevation is at 13.50 ft						
Keetch-Byram Drought Index:	317 (-35) on a scale from 0 (very moist) to 800 (very dry)						





Meteorology Summary

Statewide Overview, Next 24 Hours:

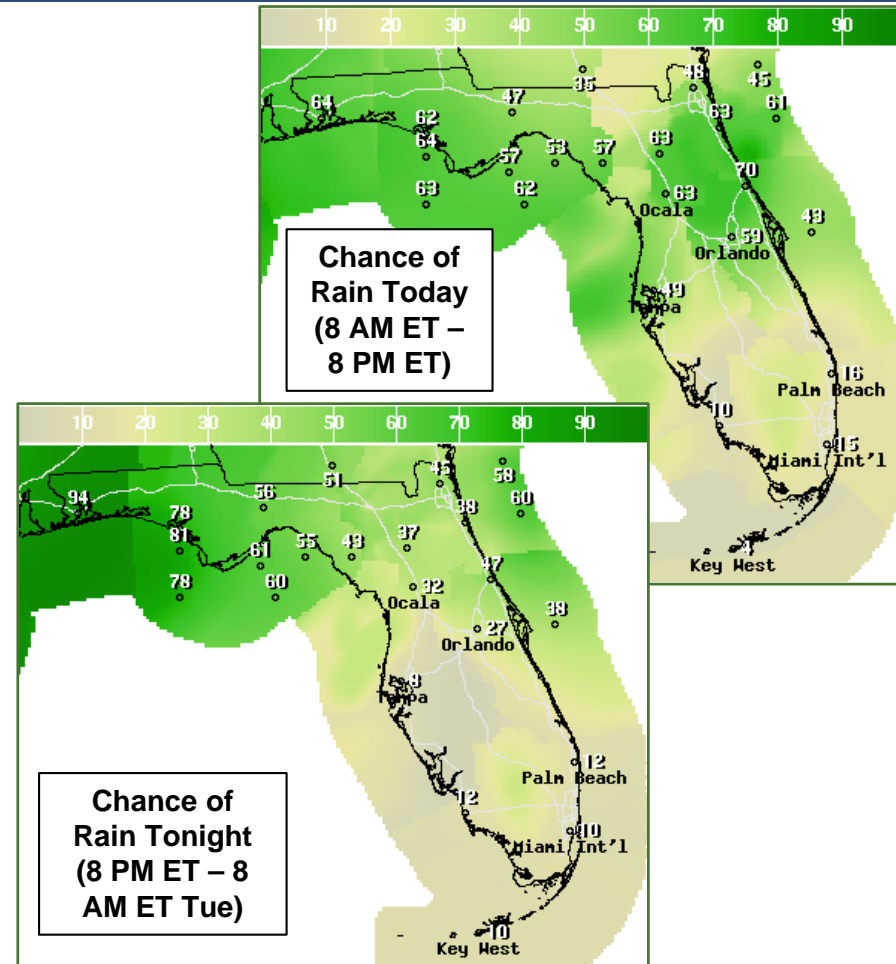
North Florida:

Cloud cover will be on the increase today across North Florida as moisture returns to the region. Isolated showers and thunderstorms will develop this afternoon and move from south to north. Severe weather is not expected with the isolated thunderstorms this afternoon. High temperatures will be in the lower 80s.

A cold front will move through the Panhandle tonight from west to east. A line of thunderstorms will accompany the cold front and bring a threat of damaging wind gusts (45-60 mph) and a tornado ([Storm Prediction Center](#)). The squall line will be weakening as it moves east with the severe threat diminishing. The most likely time for severe weather: Pensacola (7-9 PM CT), Panama City (11PM-1AM CT), and Tallahassee (3-5 AM ET).

Central & South Florida:

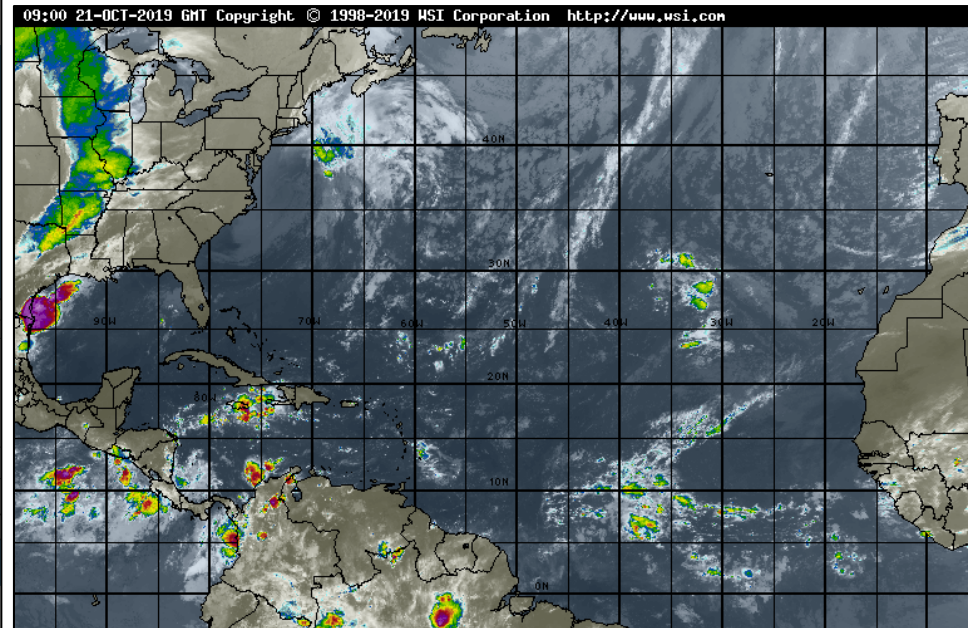
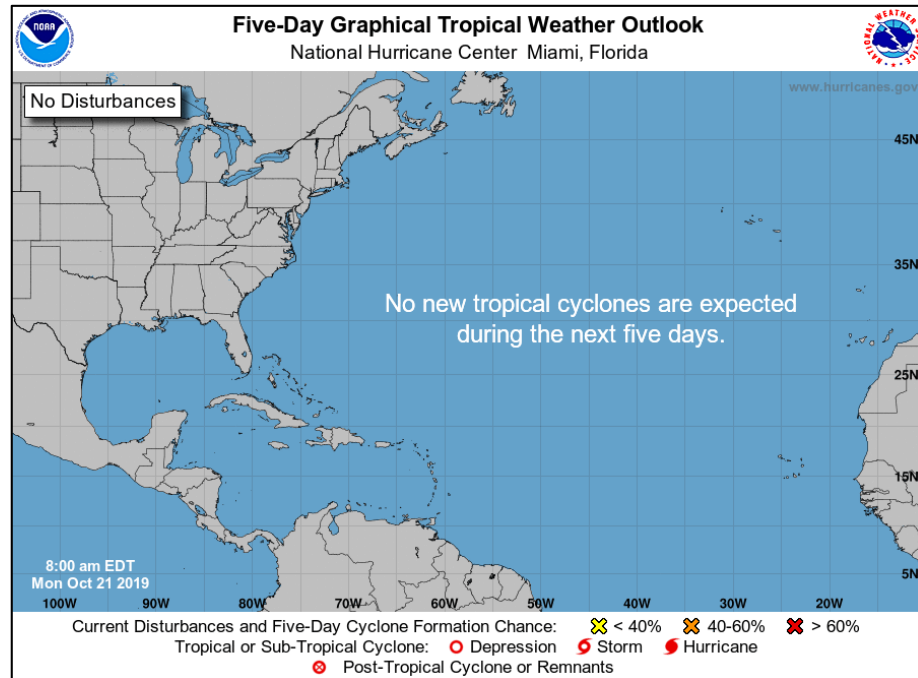
Mostly sunny to partly cloudy skies today with isolated showers and thunderstorms during the afternoon. There is no severe weather threat today or tonight. High temperatures will be near record levels this afternoon (upper 80s and lower 90s). Rain chances decrease tonight.





Tropical Weather

Tropics: Tropical development is not expected over the next five days. For more information regarding the tropics please visit www.hurricanes.gov.





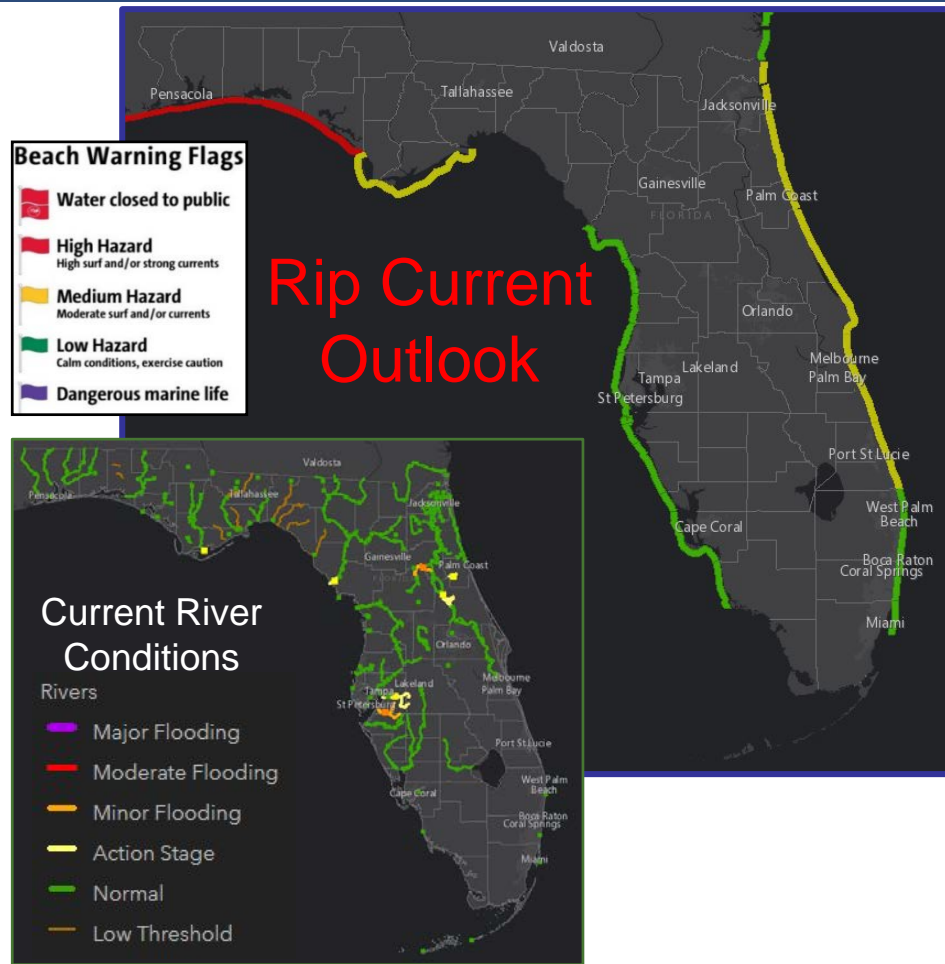
Coastal Hazards & Hydrology

Rip Currents & Marine Hazards: A **high rip current risk** continues at Panhandle beaches from Escambia to Bay County and a **moderate rip current risk** for Atlantic beaches from Martin to Nassau County due to breezy onshore winds. All other beaches have a low risk. *Remember, always swim within sight of a lifeguard. Never swim alone. Rip currents can still occur on low risk days!* **Red Tide** has been observed at low to moderate levels at Lee County beaches and moderate to high levels at Collier County beaches. This may result in some respiratory irritation, particularly in Collier.

Lake Okeechobee average elevation is 13.50, which is 1.56 feet below normal for this time of year. Lake levels will gradually rise.

Hydrology: A **River Flood Warning** is in effect for the St. Johns River at Astor and the Little Manatee River at Wimauma. The St. Johns River has dropped below flood stage but will remain near minor flood stage all week. The Little Manatee River has crested in minor flood stage and will fall below flood stage late tonight. To contrast, numerous rivers are in low water stage across North Florida due to moderate to extreme drought conditions. For more information on specific rivers, please visit the Southeast River Forecast Center [here](#).

Coastal Flooding: Water levels are gradually returning back to normal, but some nuisance to minor flooding continues at high tide in the Big Bend and across the Florida Keys. A **Coastal Flood Statement** is in effect for the Middle and Upper Florida Keys. Tides will run 0.75-1' above normal in the Florida Keys through this afternoon.



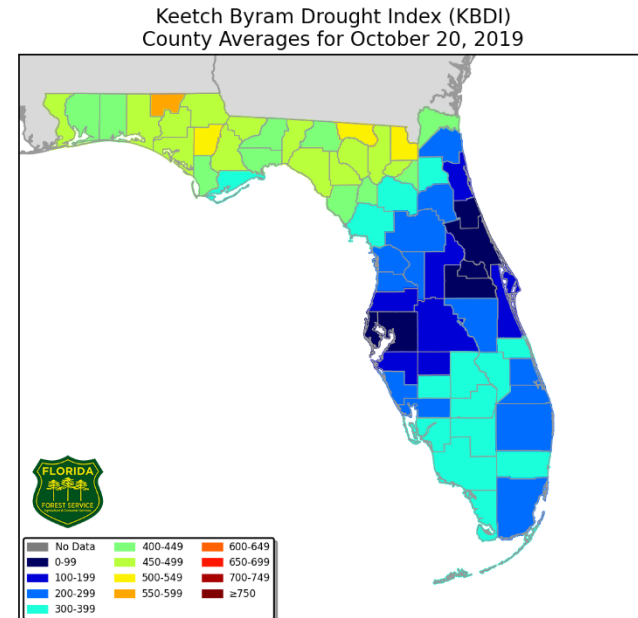
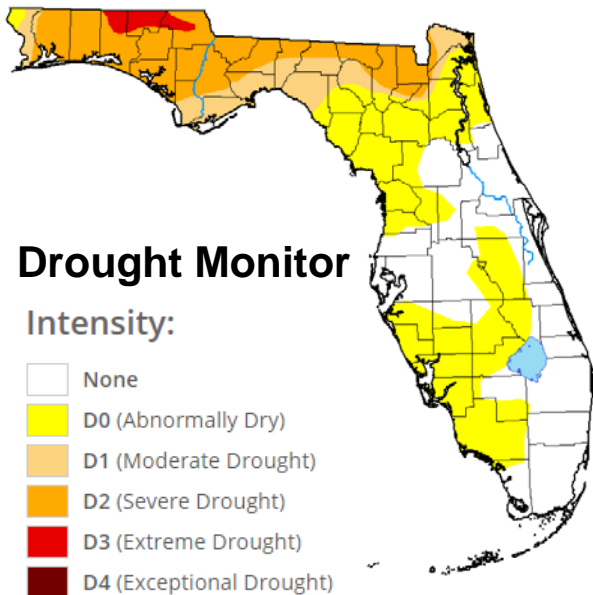


Drought & Fire Weather

Fire Weather: The current drought monitor has not been updated yet to reflect recent rainfall. While beneficial rainfall has fallen over the last several days, pockets of dry fuels still exist. Thus, a **low wildfire threat** continues across North Florida. Relative humidity will be well above critical levels, with light winds (S at 10 mph). Downed trees from Hurricane Michael continue to pose a hazardous fuel source. Lightning could start new wildfires.

There are currently 6 [active wildfires](#) across the state burning a total of 98.9 acres. 5/6 are 100% contained. A [County Burn Ban](#) is in effect for Duval, Orange, Hillsborough, Pinellas, and Sarasota (prohibited year-round), & Holmes, Liberty, Walton, and Washington Counties.

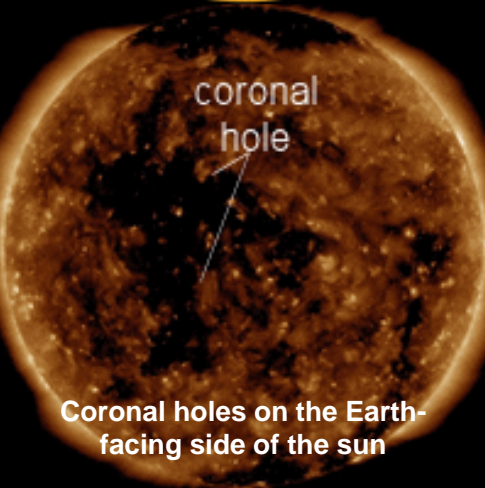
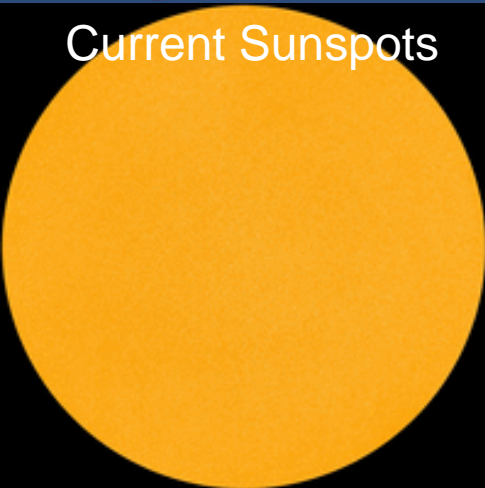
[The Keetch-Byram Drought Index](#) average for Florida is 317 **(-35)** on a scale from 0 (very moist) to 800 (very dry). There are currently **4** Florida counties with an average KBDI at or above 500.



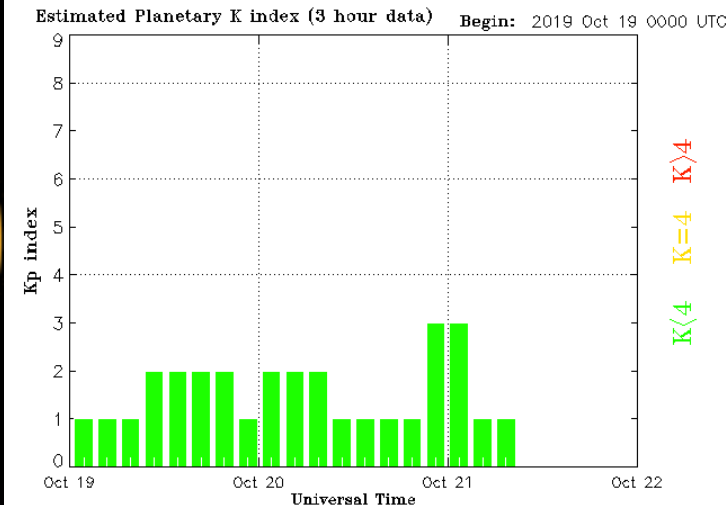


Space Weather

Current Sunspots



Coronal holes on the Earth-facing side of the sun



Updated 2019 Oct 21 09:30:02 UTC

NOAA/SWPC Boulder, CO USA

Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 1%	Geomagnetic Storm: No	A7 Solar Flare
X-class: 1%	Radiation Storm: No	No Radio Blackouts

48 Hour Geomagnetic Forecast

10/21	10/22
Max Kp= 4 (G0)	Max Kp= 3 (G0)
Chance of minor activity = 5% severe activity = 1%	Chance of minor activity = 5% severe activity = 1%

Space Weather: There are currently no sunspots, and the risk of a significant solar flare is near zero. Solar winds are expected to remain light, but could become briefly unsettled. However, geomagnetic storming is not forecast. The space weather threat to Florida remains very low.



SWO Communications Systems & Contact Information

Equipment	Contact	Status	Comments
Phone:	800-320-0519 or 850-815-4001	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	
NAWAS:	State Watch Office	Operational	
FL 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	
WebEOC:	https://eoc.floridadisaster.org/eoc7/	Operational	

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