



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Wednesday, February 12, 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	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	Kaya Dungey	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Jim Lawhon	(850) 815-4001	SWP@em.myflorida.com
Meteorologist	Melissa James	(850) 566-6422	Melissa.James@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	Tim Kenyon	(850) 567-0190	Tim.Kenyon@em.myflorida.com
Infrastructure Branch Director	Karen Kozac	(850) 759-6226	Karen.Kozac@em.myflorida.com
ESF 8 On-Call	Hunter Stafford	(866) 786-4673	DLDOHDDutyOfficers@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	Bay	FL-608 & 609 Course Training Support
Region 2: Willie Bouie	Leon	All Managers / Supervisors Meeting / Fleet Build Working Session
Region 3: Glen Hammers	Columbia	EM Visit / Beacon Training
Region 4: Vacant	N/A	N/A
Region 5: Austin Beeghly	Orange	FFC Meeting/Presentation / Disney Full Scale Exercise
Region 6: Paul Siddall	Out of Service	Leave (See Coverage)
Region 7: Vacant	N/A	N/A
Region 8: Mason Kozac	Palm Beach, St. Lucie	FAU/St.Lucie EM Meeting
Region 9: Theresa Hendry	Sarasota	SWFL Healthcare Coalition Meeting / Beacon Training
Region 10: Claudia Baker	Out of Service	Leave (See Coverage)



Region 4 Coverage Provided by Recovery Coordinator 4
Region 6 & 7 Coverage Provided by Response Coordinator 9
Region 10 Coverage Provided by Recovery Coordinator 10

Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Allison Blevins	Bay	Instructing FL-608 & FL-609
Region 2: Justin Lazzara	Duval	G-393 Training
Region 3: Patrick James	Alachua	Internal Stakeholders Meeting
Region 4: Joshua Saunders	Indian River	AWR- 356 Training
Region 5: Elizabeth Caison	Orange	FFCA Presentation
RRCT Manager	Hernando	External Stakeholders Meeting
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	Out of Region	Leave
Region 8: Ja-Pheth Butler-Miller	St. Lucie	FAU Campus Tours
Region 9: Vacant	N/A	N/A
Region 10: Dana McGeehan	Broward	Internal Stakeholders Meeting

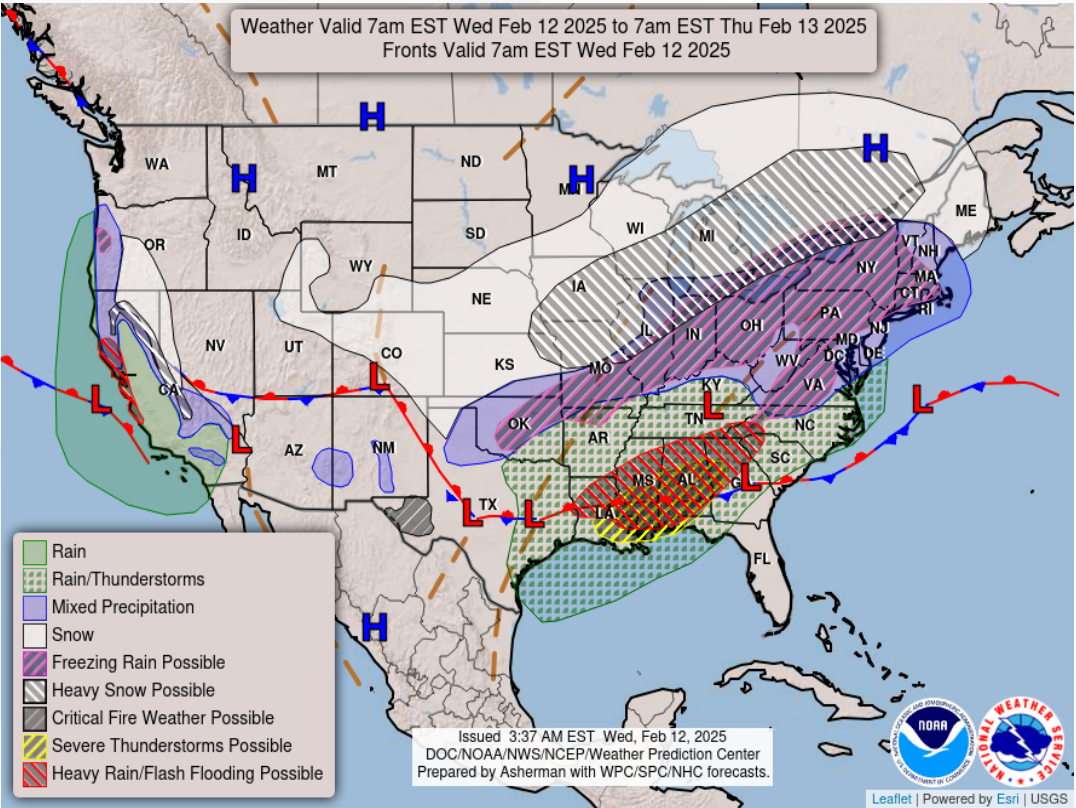
Region 7 Coverage Provided by Recovery Coordinator 6

Region 9 Coverage Provided by Recovery Coordinator 8

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

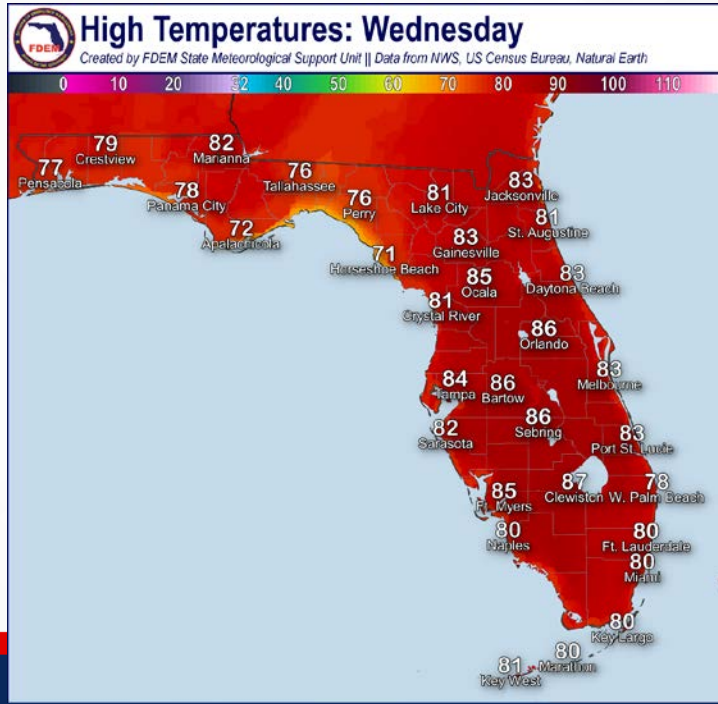
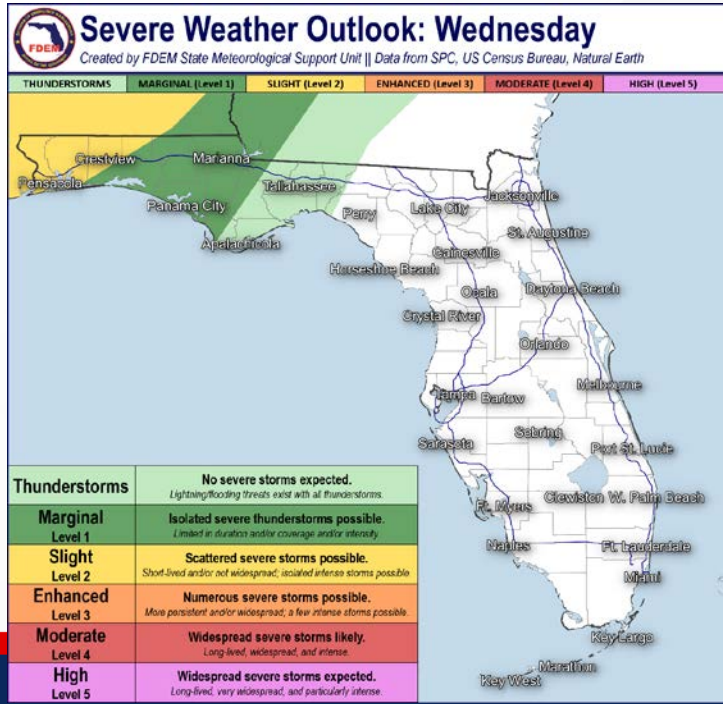


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	M	M								
Tornado	M	L								
Damaging Wind	M	L								
Hail	L									
Flash Flooding	M	L								
Fire Weather										
Fog (Overnight)		L	L	L	M	M	M	M	M	M
Coastal Flooding		L	L							
Rip Currents	H	H	M	M	M	M		M	L	H
Lake Okeechobee Elevation:	14.11 ft. (0.48 ft. <u>Below Normal</u>)									
Keetch-Byram Drought Index:	364 (+6) on a scale from 0 (very moist) to 800 (very dry)									





Chance of Rain: Wednesday

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

10% 20% 30% 40% 50% 60% 70% 80% 90%

58 Crestview
53 Pensacola
22 Manatee
20 Panama City
20 Apalachicola
12 Tallahassee
13 Perry
0 Lake City
0 Jacksonville
0 St. Augustine
0 Gainesville
0 Horseshoe Bend
0 Ocala
0 Crystal River
0 Orlando
0 Tampa
0 Bartow
0 Sebring
0 Melbourne
0 Palm Bay
0 Ft. Myers
0 Naples
0 Ft. Lauderdale
0 Miami
0 Key Largo
1 Key West
1 Marathon

n: Wednesday Night

ical Support Unit || Data from NWS, US Census Bureau, Natural Earth

40% 50% 60% 70% 80% 90%

18

Peninsula: Dense Fog Advisories across portions of interior Nature Coast and East-Central Florida will remain in effect through the mid-morning hours due to reduced visibility conditions. Additional **areas of patchy fog and low clouds** can be expected to dissipate by the early to mid-morning hours as the sun continues to rise. Dry conditions will persist throughout the Peninsula today as high pressure over the western Atlantic extends eastward into the state (near 0% chance of rain). Cloud cover and sunshine can be expected throughout the day, and breezy wind gusts upwards of 10-20 mph will develop this afternoon across the region. Mostly dry conditions will persist into the overnight hours, with **areas of fog development** likely throughout the Peninsula. Instances of **locally dense fog** cannot be ruled out by early Thursday morning. Well above normal high temperatures in the lower to middle 80s will persist this afternoon, with possibly record-breaking temperatures in some locations. *Feels-like temperatures this afternoon could **approach or reach near 90-degrees** this afternoon throughout the interior Peninsula.* Low temperatures in the middle 60s to middle 70s can be expected overnight.



Coastal Hazards & Hydrology

Rip Currents: Breezy onshore winds and increasing surf will create a **high risk for rip currents** along all Panhandle beaches. An ocean swell over the western Atlantic waters will extend towards the East Coast creating a **moderate to high risk for rip currents**. West-Central Florida beaches can anticipate a **moderate risk for rip currents**, while the rest of the West Coast will continue to see a low risk. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Increasing **hazardous surf** will gradually return across the Panhandle today as ocean **swells increase to 3-5'** by this evening. A **High Surf Advisory** will go into effect midday across the western Panhandle as dangerous beach and boating conditions will develop with **ocean swells of 4-6'** possible. Another ocean swell over the Southwest Atlantic waters will also create **wave heights of 3-4'** along all East Coast beaches by this afternoon leading to **rough beach conditions**. West Coast beaches can expect wave heights of 1-3'.

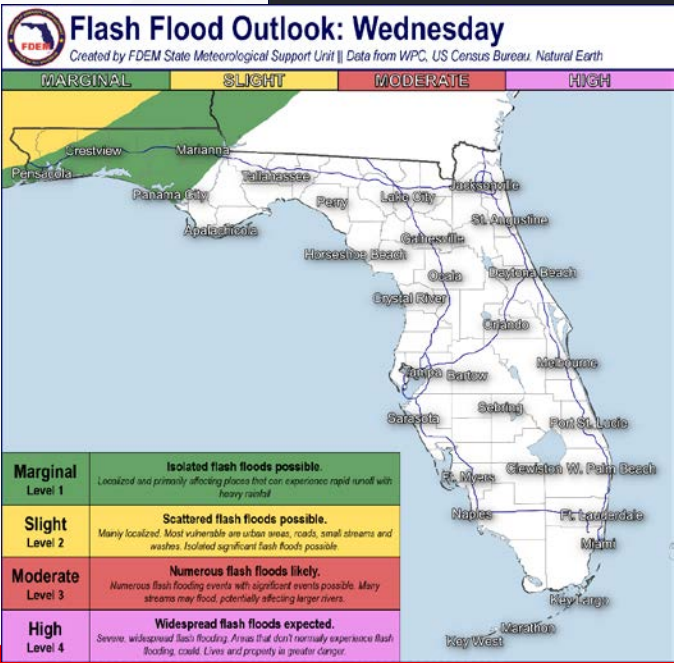
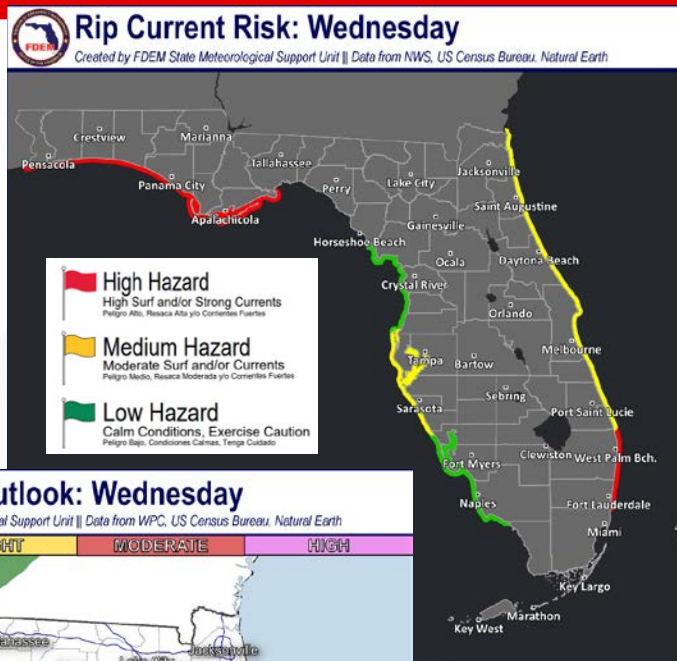
Red Tide has been observed in **66** samples collected from Southwest Florida (valid 2/7). Background to **low concentrations** have been observed in Pinellas, Hillsborough, Manatee, Sarasota, Levy, and Miami-Dade Counties. Background to **medium concentrations** have been observed in Charlotte, Collier, and Monroe Counties. Background to **high concentrations** have been observed in Lee County. *Fish kills and respiratory irritation have been reported in Charlotte, Lee, Collier, and Monroe Counties.*

Coastal Flooding: **Instances of minor coastal flooding** may be possible near and during times of high tide along the Panhandle, especially Apalachee Bay and the Big Bend, as strong onshore winds and large ocean swells develop ahead of an approaching cold front. **Instances of localized beach erosion** may also be possible with increasing surf and breaking waves along the coastline.

Flash Flooding: The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the Panhandle, with a portion of the far western Panhandle within the **Slight Risk (level 2 of 4) for Flash Flooding** due to a cold front approaching from the west later today. Abundant moisture flowing ahead of a cold front will give way to scattered showers and thunderstorms developing and moving eastward later this evening and into the overnight hours, some of which may be capable of producing **locally heavy downpours**. Given recent dry conditions over the last several days, but training showers and thunderstorms over the area could lead to **instances of localized flooding** concerns for urban and low-lying/poor drainage areas with heavy rainfall rates. Rainfall totals of 0.5-1.5", with **locally higher totals upwards** of 2-3" are possible.

Riverine Flooding: There are no riverine flood concerns across Florida at this time. Conditions will be monitored over the next several days for potential elevated headwaters flowing downstream into the Panhandle from southern Alabama and Georgia due to heavy rainfall. Quick-response rivers along the Panhandle may see instances of water level rises with any heavy downpours from showers and thunderstorms today and tonight. For more information, visit the River Forecast Center.

Lake Okeechobee's average elevation is 14.11 feet, which is within the operational band and is 0.48 feet **below** normal for this time of year.



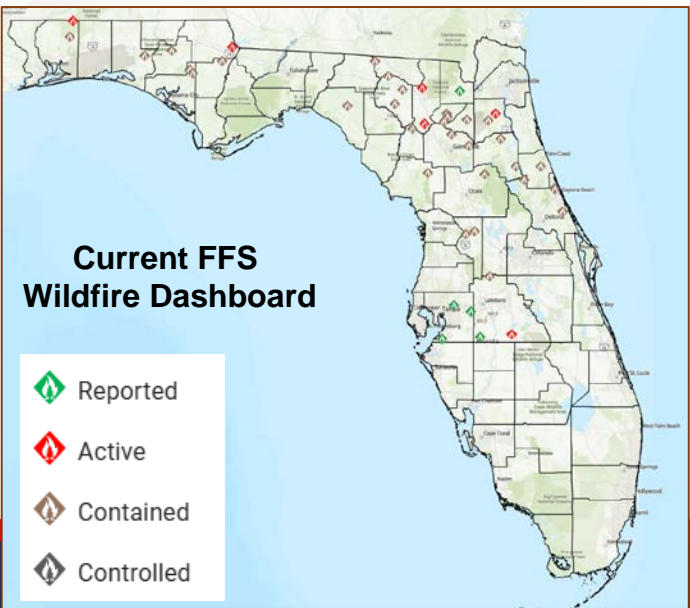
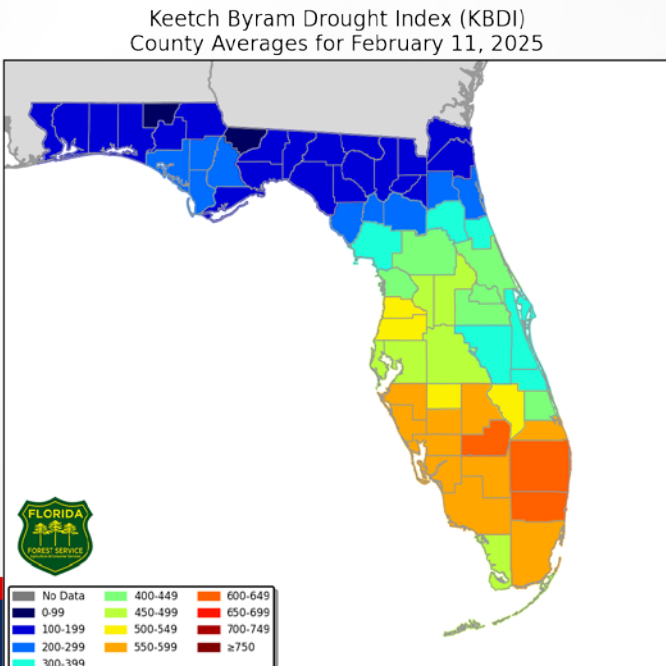
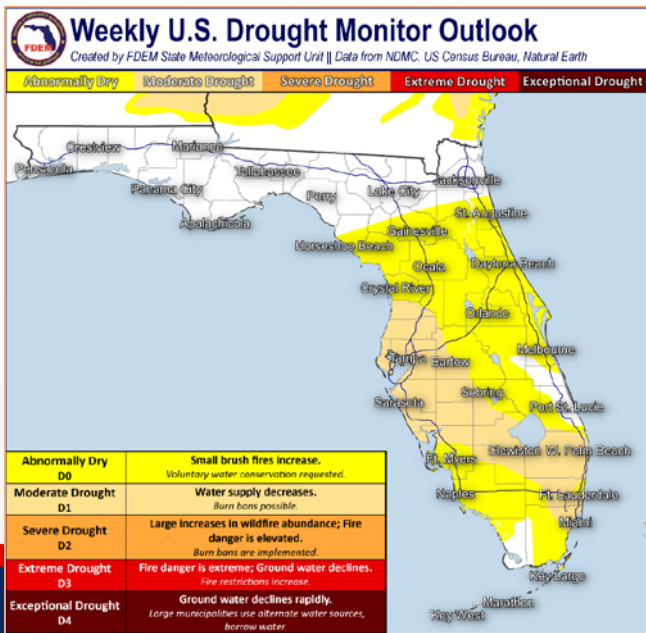


Drought & Fire Weather

Fire Weather: Dense Fog Advisories will remain in effect this morning along Nature Coast and interior portions of the Peninsula where dense fog conditions have **reduced visibility to ¼ of a mile or less**. Foggy conditions and low clouds throughout the state this morning can be expected to lift and dissipate after sunrise. A more active weather pattern returns across the Florida Panhandle as the first of several frontal systems pass through. Scattered showers and thunderstorms can be expected across the Panhandle late this evening and into the overnight hours with a cold front sweeping eastward. *Thunderstorms may be capable of producing frequent lightning and erratic winds*. Relative humidity values will remain above critical thresholds this afternoon; however, drier conditions across interior portions of East-Central Florida may lead to **relative humidity values near 35-45%**. **Breezy wind gusts of 15-20 mph** can be expected to develop across the Peninsula, with **stronger wind gusts upwards of 25-35 mph** developing across the Panhandle and into the Big Bend by the afternoon hours. **Instances of fog and low clouds** will be possible throughout the Suwannee Valley and the Peninsula late overnight and into early Thursday morning. *Foggy conditions may further reduce visibility where there are ongoing wildfires.* to the [Florida Forest Service](#), there are 42 active wildfires across the state burning approximately 502 acres.

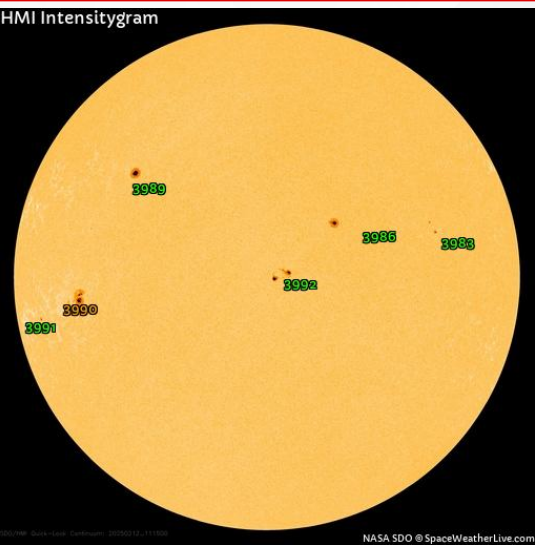
Drought: Florida continued to see degradations in conditions over the past week that are reflected in this week's Drought Monitor update (as of 2/6). Warmer-than-normal temperatures and a lack of rainfall over the past week have led to expansion of **Moderate Drought** conditions into the Tampa Bay and Miami-Dade areas. **Moderate Drought** conditions remain in place across portions of West-Central Florida and southeastward to Southeast Florida with **Abnormally Dry (emerging drought)** conditions stretching across much of the rest of the Peninsula. Widespread 60-day rainfall deficits are now near 1-3" across much of the Peninsula with locally higher deficits near 3-5" across portions of West-Central and Southeast Florida. The Climate Prediction Center (CPC) is outlooking near to above normal rainfall and above normal temperature across the state over the next week or so which may allow drought conditions to continue degrading.

The Keetch-Byram Drought Index average for Florida is **364 (+6)** on a scale from 0 (very wet) to 800 (very dry). There are **17** Florida counties (Broward, Charlotte, Collier, DeSoto, Glades, Hardee, Hendry, Hernando, Highlands, Lee, Manatee, Martin, Miami-Dade, Okeechobee, Palm Beach, Pasco, and Sarasota) with an average KBDI over 500 (drought/increased fire danger).

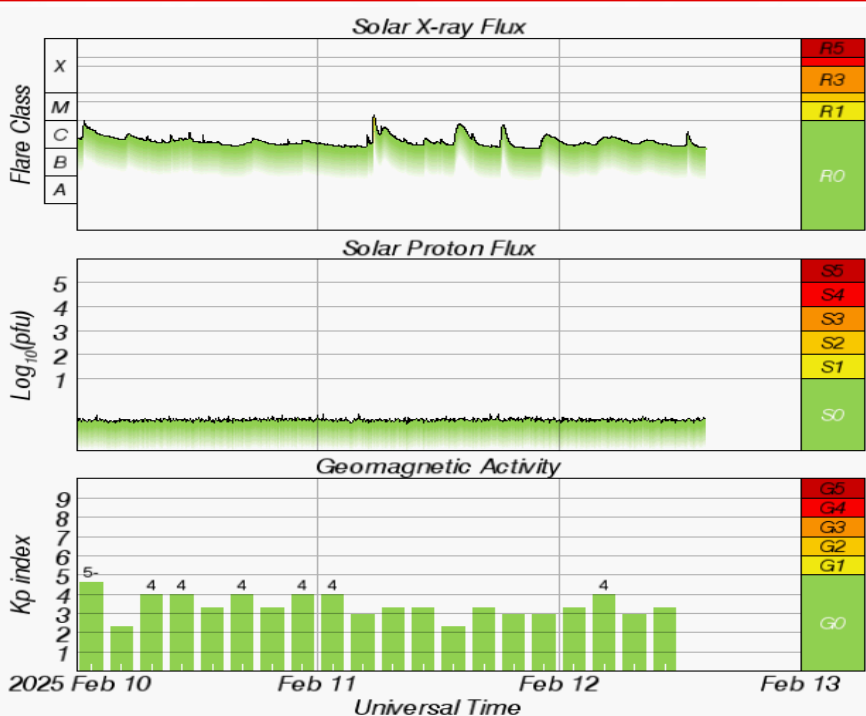
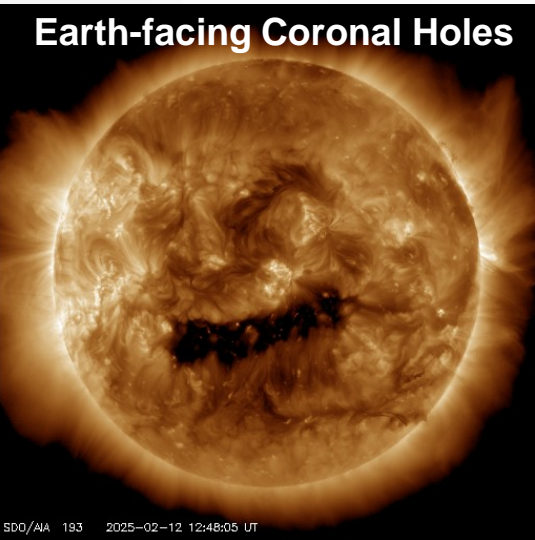




Space Weather



Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 40%	Geomagnetic Storm: None	C7 Solar Flare
X-class: 5%	Radiation Storm: None	No Radio Blackout

48-Hour Geomagnetic Forecast	
2/12	2/13
Max Kp= 4 (G0)	Max Kp= 5 (G1)
Chance of minor activity = 20% severe activity = 5%	Chance of minor activity = 25% severe activity = 5%

Space Weather: Solar activity will return to low conditions with a chance for strong (M-class) solar flares as sunspot #3891 rotates off the western limb of the sun. A more recent sunspot, #3990, also contains a magnetic field that harbors energy for M-class solar flares. Any M-class solar flare will be capable of producing minor to moderate (R1-R2) radio blackouts. A slightly enhanced solar wind field can be expected as coronal winds from the sun begin to wane. A faint Coronal Mass Ejection (CME) left the sun on 2/8 and could make a glancing impact to Earth, would could lead to an additional enhancement to the solar wind conditions; however, confidence is low. Another stream of coronal winds looks to arrive to Earth later tomorrow and into Friday (2/14). Quiet to unsettled geomagnetic conditions, with isolated active periods, are expected today with ongoing coronal winds streaming towards Earth and the potential CME impact. Instances of minor (G1) geomagnetic storming may be possible later today and into tomorrow. Unsettled to active conditions will return late Thursday and into Friday with the new wave of solar wind impacts. 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:	MSAT 888-890-5178 or Iridium 480-263-8838	Operational	
Website:	http://www.floridadisaster.org	Operational	

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