



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Monday, May 22, 2023



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	Caitlyn Gillespie	(850) 688-2119	Caitlyn.Gillespie@em.myflorida.com
Duty Officer	Woody Harvey	(850) 591-7939	Woodham.Harvey@em.myflorida.com
Operations Officer- Day	Jazmin Perkins	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Caleb Pitts	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Kelsey Walters	(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	Brandon Gore	(866) 786-4673	DLDOHDutyOfficers@flhealth.gov
Public Information Officer	Alecia Collins	(850) 591-9544	Alecia.Collins@em.myflorida.com
DEM Finance and Admin	Kaitlyn Hunt	(850) 694-0312	Kaitlyn.Hunt@em.myflorida.com



Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Jim Roberts	Gadsden	LEPC Training Meeting
RC Manager	Leon	Office Admin
Region 2: Willie Bouie		
Region 3: Pam Bergstrom	Lewy	Hurricane Season Kickoff Meeting
Region 4: Paul Siddall	Hillsborough	Hurricane Season Workshop
Region 5: Austin Beeghly	Out of Service	Leave (See Coverage)
Region 6: Glen Hammers	Sarasota	Amphibiousity Barge Ops Workshop
Region 7: Claudia Baker	Out of Service	Leave (See Coverage)



Region 5 Coverage Provided by R4
Region 7 Coverage Provided by RRC 7

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



Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Vacant	N/A	Not Available
Region 2: Justin Lazzara	Taylor	County EM Visit
Region 3: Joshua Saunders	Clay	NCRC Training
RRCT Manager	Out of Region	Annual Leave
Region 4: Jeremy O'Dell		
Region 5: Elizabeth Caison	Orange	HMGP Workshop
Region 6: Kathryn Thompson	Manatee	County EM Mtg / Municipal Stakeholder Mtg
Region 7: Dana McGeehan	Broward	Administrative Duties

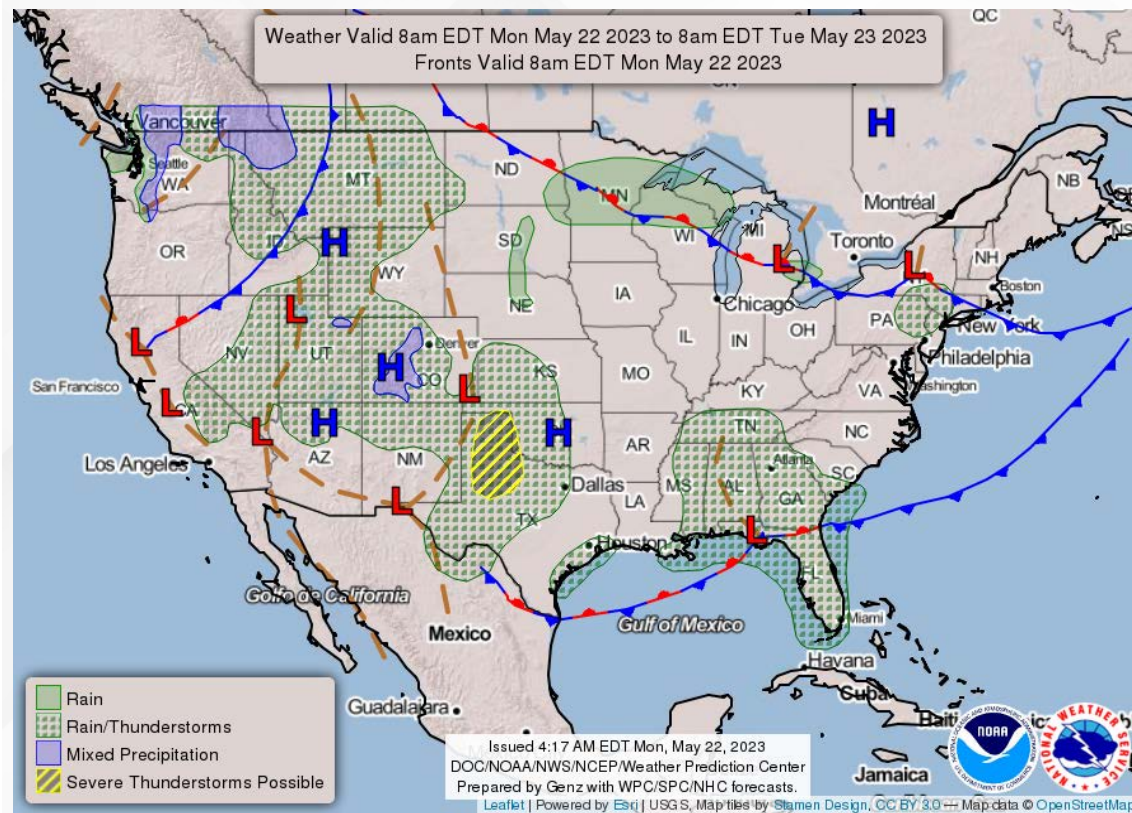
Region 1 Coverage provided by RRC 2

Region 4 Coverage provided by RRC 7

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



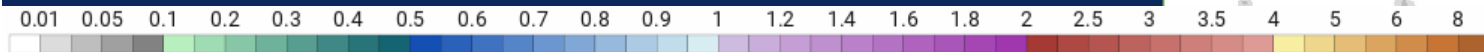
Meteorology Summary



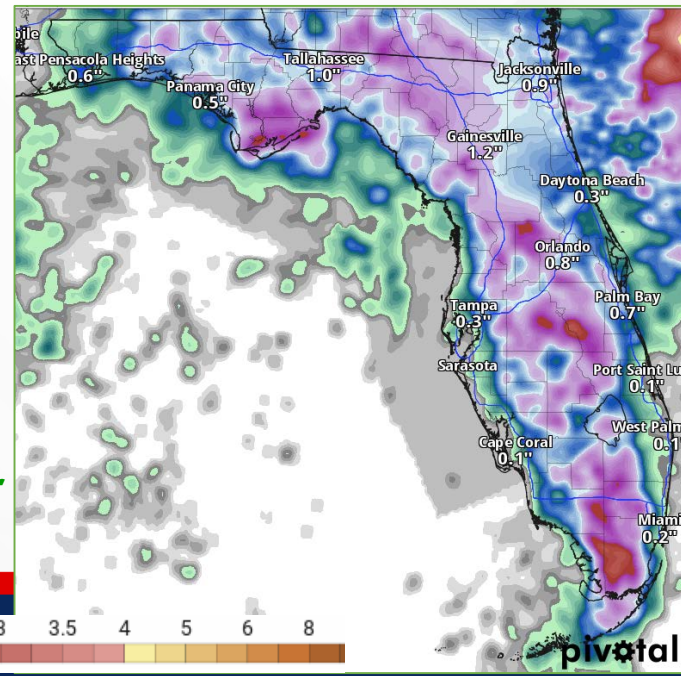
Today's Weather Map

24-Hour Rainfall Totals

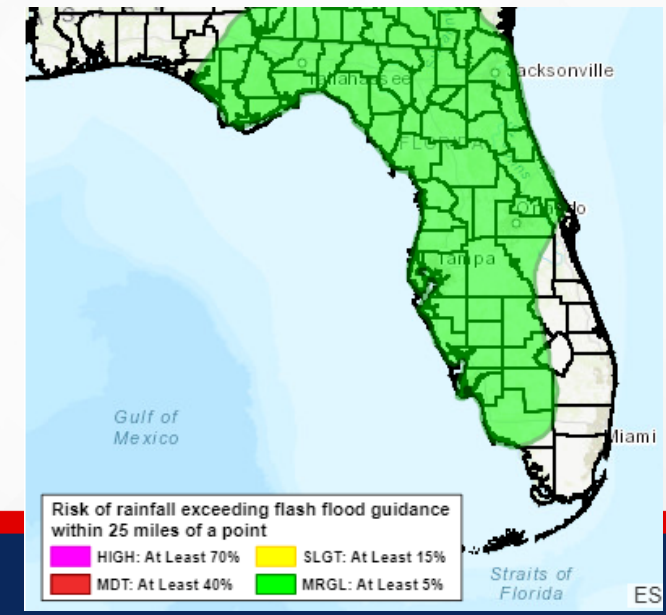
Locally 3-5" Big Bend & Interior Peninsula



Threat	R1	R2	R3	R4	R5	R6	R7
Lightning	M	H	H	M	M	H	M
Tornado							
Damaging Wind	L	L	L	L	L		
Hail				L	L		
Flash Flooding	L	M	M	M	M	L	L
Fog (Overnight)	L	L	L	L			
Excessive Heat				L		L	L
Wildfire			L	L	L	L	
Rip Currents	M	M	M	L	M	L	M
Lake Okeechobee Elevation:	13.72 ft. (0.52 ft. Above Normal)						
Keetch-Byram Drought Index:	335 (0) on a scale from 0 (very moist) to 800 (very dry)						



Flash Flood Risk - Today





Meteorology Summary

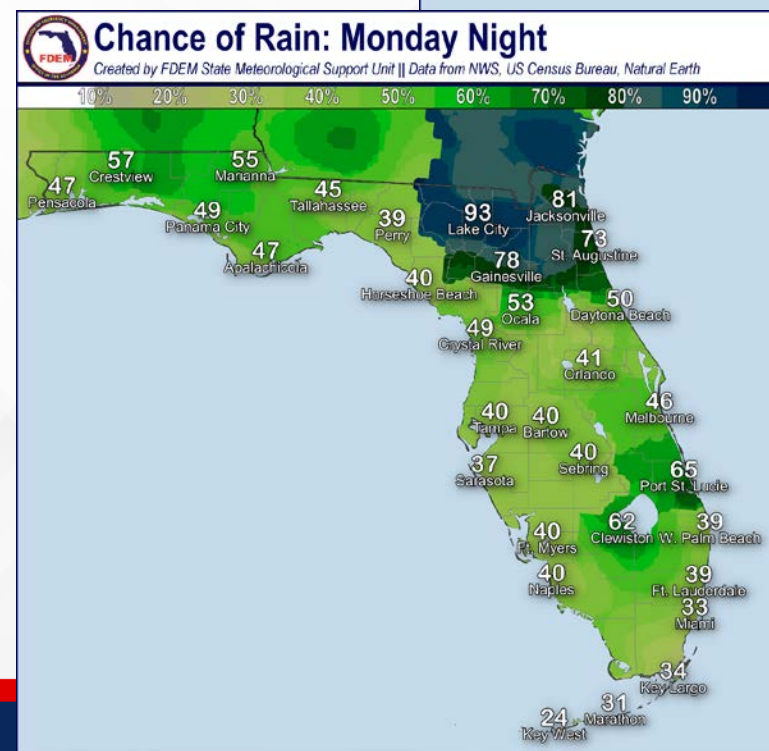
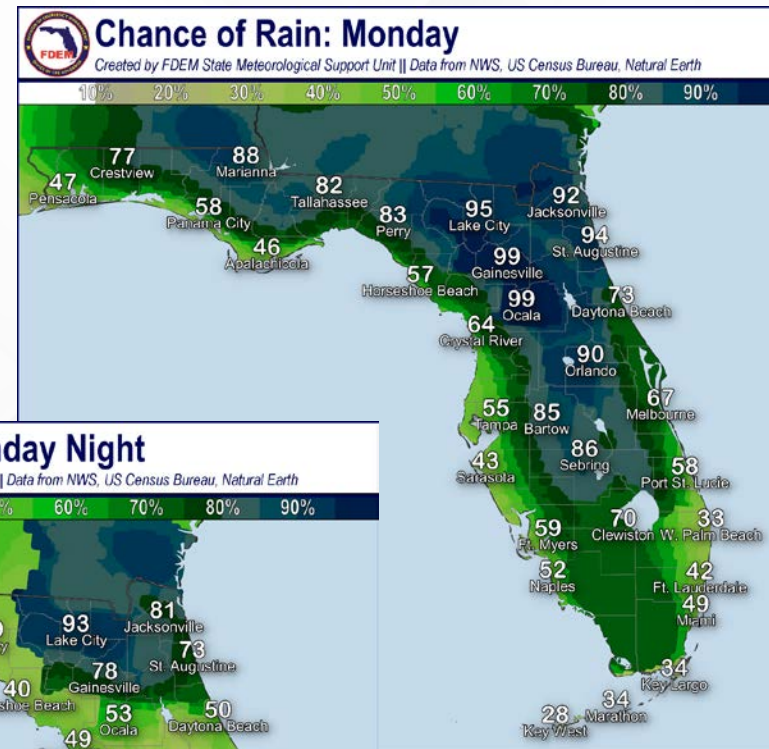
Statewide Overview, Next 24 Hours:

An active weather day can be anticipated nearly statewide as scattered to numerous showers and thunderstorms will develop later this morning and continue through the afternoon hours.

Abundant moisture ahead of stationary frontal boundary that is draped across North Florida, along with the daily sea breeze, will help develop showers and thunderstorms through the late morning and into the afternoon hours (50-95% chance of rain). The Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 5) for Severe Weather** across North Florida and the interior Peninsula as some of these thunderstorms may become strong to severe during the peak heating hours of the day. These **isolated strong to severe thunderstorms** will be capable of producing frequent lightning, locally gusty winds (45-50 mph), small hail, and heavy downpours. High temperatures will reach into the low to middle 80s across North Florida given the increased rain chances and cloud cover. Across Central and South Florida temperatures will reach into the upper 80s to low 90s.

Given the increase in moisture along the lingering frontal boundary, heavy and intense downpours can be expected along the I-10 corridor and throughout the interior Peninsula. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across the eastern Panhandle and Big Bend, as well as throughout the interior Peninsula, as rainfall totals of 1-2" can be expected, with locally higher totals of 3-5" possible with the heaviest rainfall. Recently saturated areas across North Florida and interior Central and South Florida will see an **increased risk for localized flooding**. Urban and low-lying/poor drainage areas cannot rule out the risk for **localized flash flooding** during heavy downpours. Slow-moving or stationary showers and thunderstorms will be capable of producing increased rainfall totals, which may also further increase the risk for localized flooding. A **Flood Watch** is in effect across the eastern Panhandle and the Big Bend due to several rounds of heavy rainfall anticipated through late Tuesday evening.

Overnight low temperatures will fall into the upper 60s to middle 70s across the state. Showers and thunderstorms across the Peninsula will continue through the evening hours before shifting offshore and over the open waters (40-60% chance of rain). As the frontal boundary remains draped along the I-10 corridor and North Florida isolated to scattered showers will continue across North Florida through the overnight hours (50-85% chance of rain). **Isolated areas of patchy fog and low clouds** may develop overnight and early Tuesday morning across recently rained on areas across North and Central Florida.





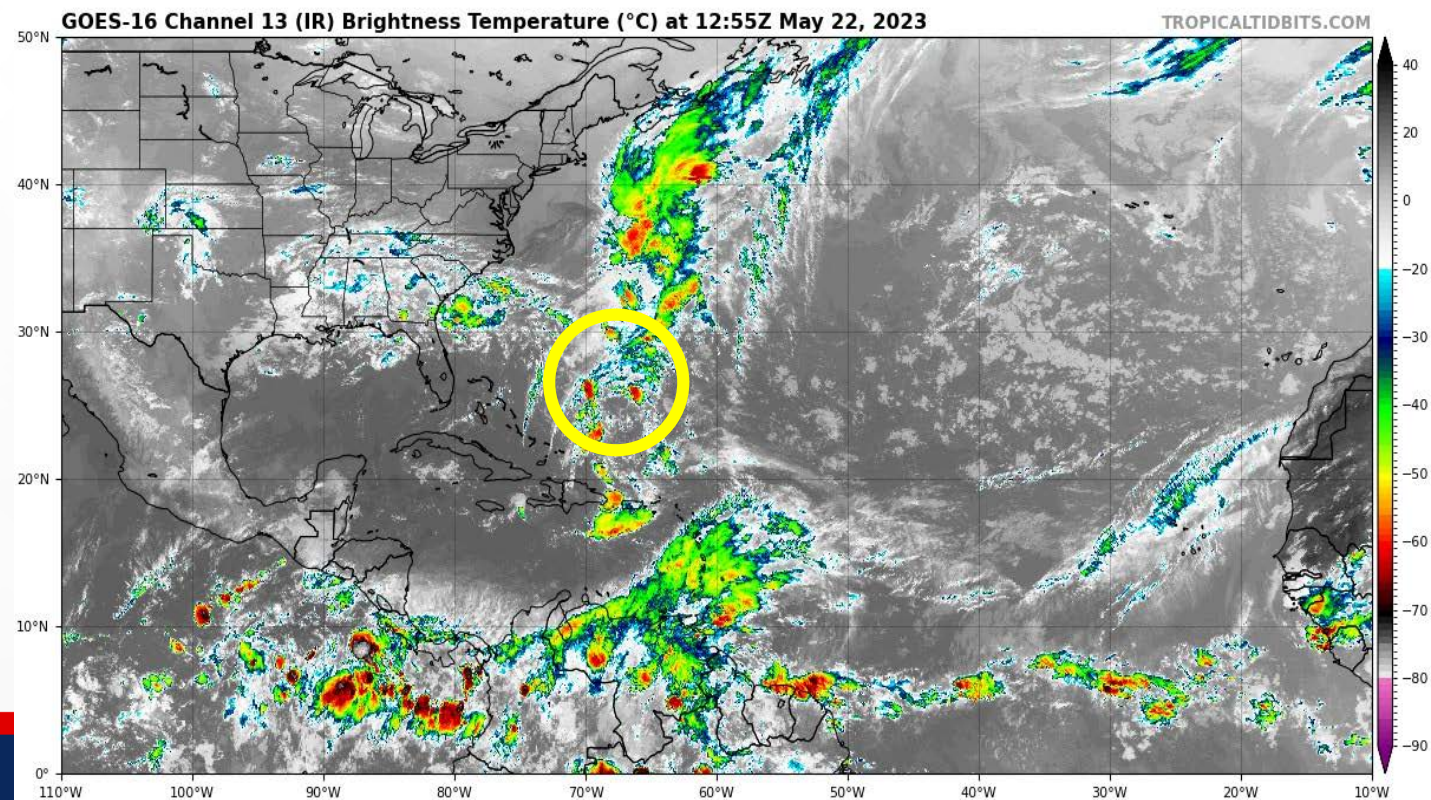
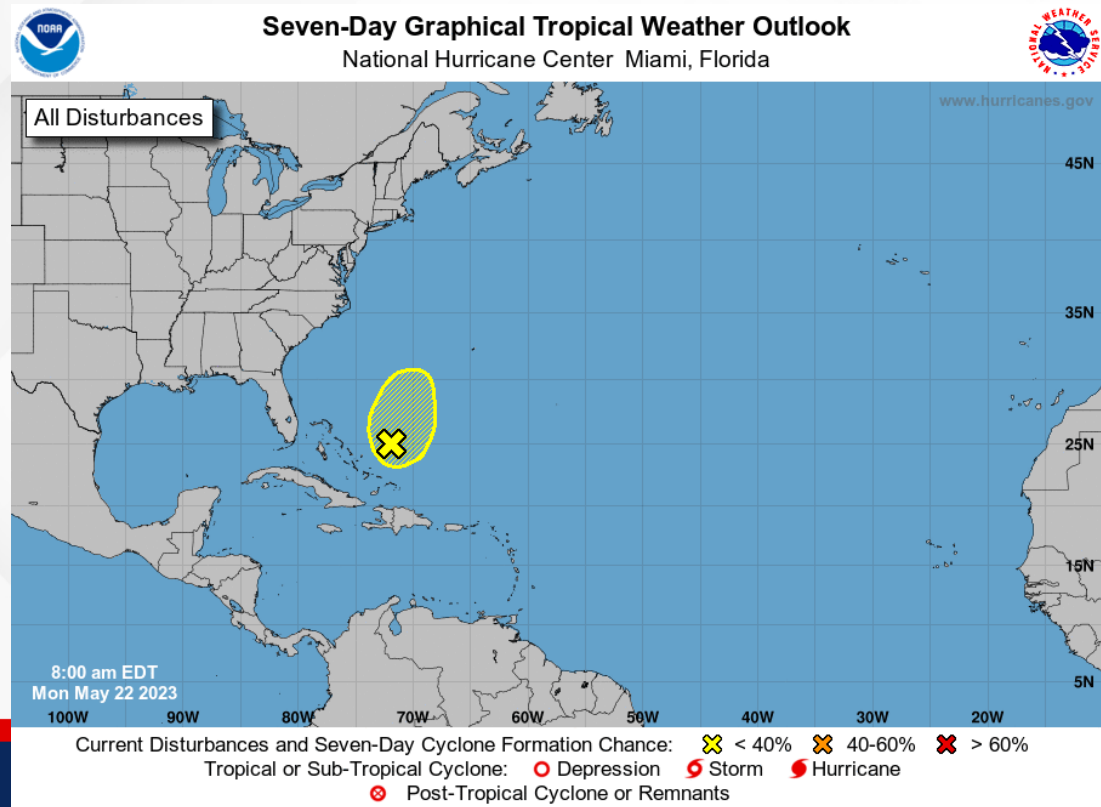
Tropical Weather

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

Southwestern Tropical Atlantic: Showers and a few thunderstorms associated with a broad area of low pressure, located a couple hundred miles northeast of the central Bahamas, remain poorly organized. Strong upper-level winds and dry air are expected to prevent development while the system moves generally north-northeastward at 5-10 mph over the southwestern Atlantic during the next day or so.

Formation chance through 48 hours... **low...10% chance of development**

Formation chance through 7 days... **low...10% chance of development**





Coastal Hazards & Hydrology

Rip Currents: Persistent northeasterly flow will yield a **moderate risk of rip currents** along the Florida East Coast and portions of the Panhandle today. Low risk conditions continue along the Florida West Coast. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Northeasterly flow will yield 2-3' waves in the surf zone along Northeast and East-Central Florida beaches today. Waves of 1' can be expected along all Gulf Coast beaches.

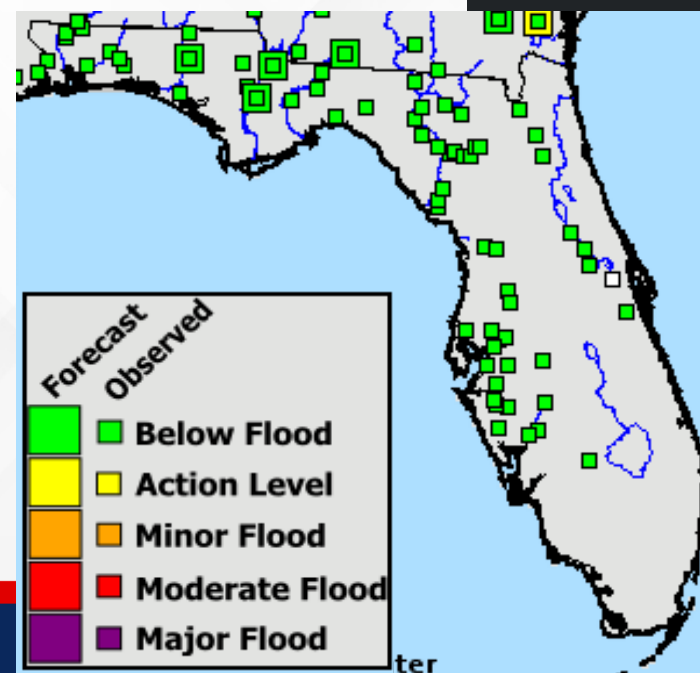
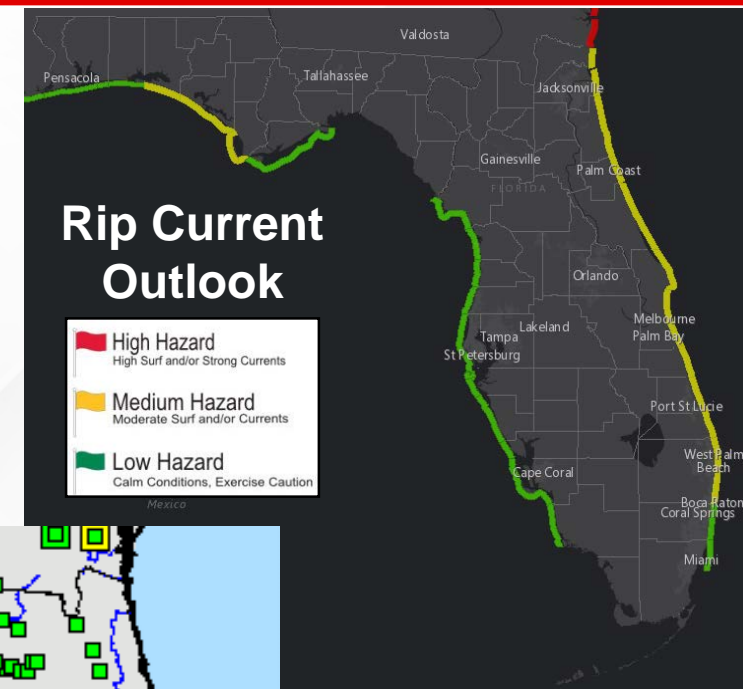
Red Tide has been observed above background levels along portions of the Florida West Coast.

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

Flash Flooding: The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across the Florida Panhandle and southward through the Florida Peninsula today as numerous to widespread showers and thunderstorms are expected to develop along a residual stalled frontal boundary draped across the region. Widespread rainfall totals of 1-2" can be expected across the Sunshine State, with higher totals of 3-4" possible where sea breeze boundary collisions occur. Isolated higher amounts of 4-6" will be possible along portions of the Panhandle coastline and interior Peninsula, especially for locations that experience multiple rounds of heavy rain and thunderstorm activity. Localized **flooding** of urban and poor drainage/low-lying areas may occur. A **Flood Watch** has been issued for portions of the eastern Panhandle and Big Bend through Tuesday evening as several rounds of heavy and intense rainfall are in the forecast over the next couple days.

Riverine Flooding: All Florida rivers, waterways, and tributaries are running below and are forecast to continue running below flood stage. With increased rain chances across the Panhandle and Big Bend, quick-response rivers may see slight rises in water levels; however, riverine flooding is not expected. For more details, please visit the [River Forecast Center](http://www.weather.gov/beach).

Lake Okeechobee's average elevation is 13.72 feet, which is within the operational band and 0.52 feet above normal for this time of year.



Current & Forecast River Levels

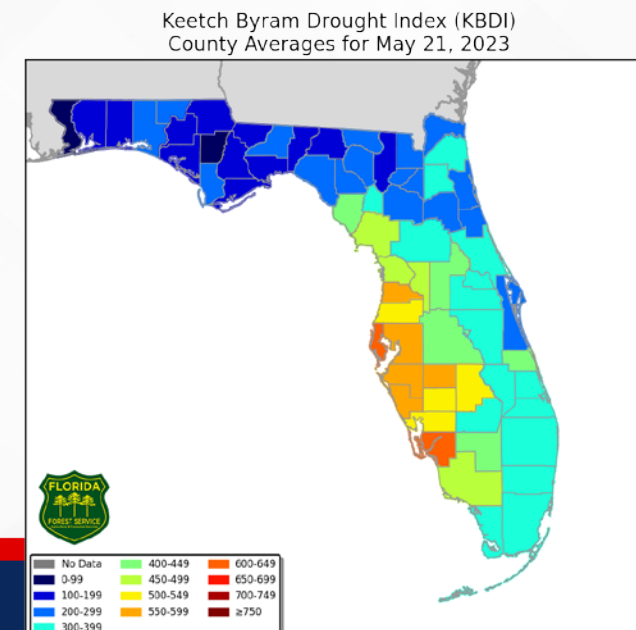
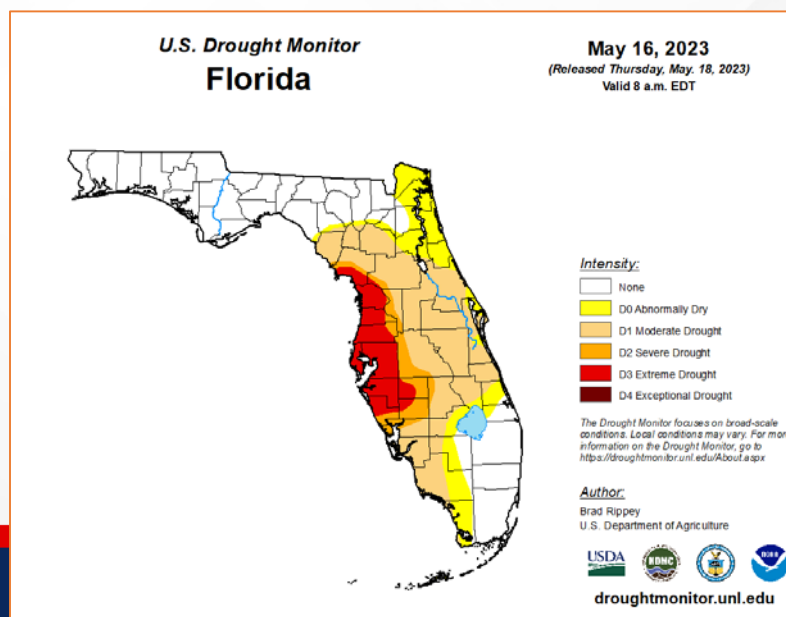
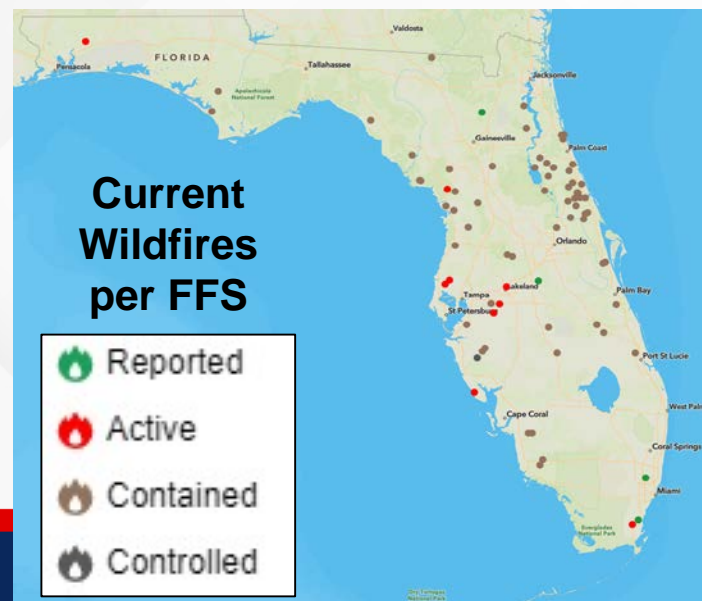


Drought & Fire Weather

Fire Weather: Ongoing **sensitive to elevated wildfire conditions** can be expected over the interior Peninsula and West Florida Coast as drought conditions worsen and warm afternoon high temperatures persist. Relative humidity values will remain well above critical thresholds today, and winds will largely become sea breeze-driven this afternoon. Lightning embedded within this afternoon's thunderstorm activity may be capable of igniting new wildfires, and winds near or in thunderstorms will likely be gusty and erratic. According to the [Florida Forest Service](#), there are 76 active wildfires across the state, burning approximately 5,883 acres.

Drought: Central Florida remained a drought hotspot, with the expansion of **moderate to extreme drought** noted on last week's Drought Monitor update. According to the U.S. Department of Agriculture, Florida led the Southeast U.S. with statewide topsoil moisture rated 49% very short to short on 5/14. Parts of Florida continued to experience a significant risk of wildfire activity, with the Sandy Fire in Big Cypress National Preserve having burned nearly 20,000 acres of vegetation by mid-May. In recent days, Florida's drought areas have endured extremely hot weather, with Naples reporting 5 consecutive days with 90-degree heat from 5/11-5/15. Naples endured a month-long dry spell from 4/17-5/16, without a drop of rain during that period. Through 5/16, year-to-date rainfall totaled less than 4 inches in Florida locations such as Tampa (3.90 inches, or 34% of normal), Brooksville (3.52 inches, or 30%), St. Petersburg (2.21 inches, or 22%), and Naples (1.99 inches, or 23%). In stark contrast, year-to-date rainfall on the Atlantic Coast in Fort Lauderdale, Florida, totaled 37.33 inches (289% of normal).

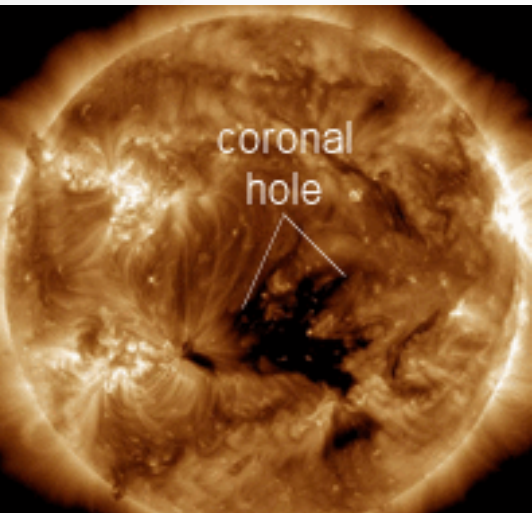
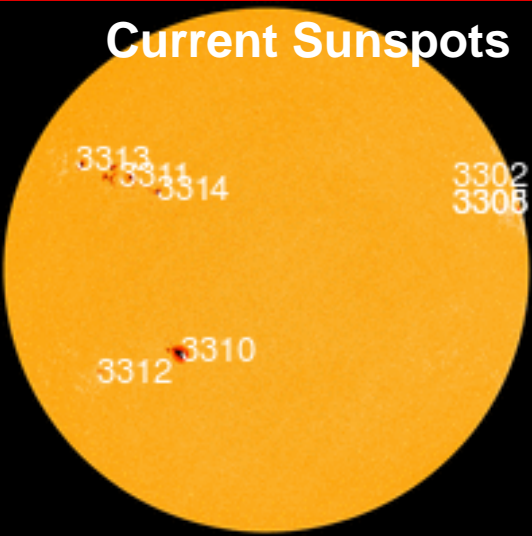
The Keetch-Byram Drought Index average for Florida is 335 (**0**) on a scale from 0 (very wet) to 800 (very dry). There are **eleven** counties (Charlotte, DeSoto, Hardee, Hernando, Highlands, Hillsborough, Lee, Manatee, Pasco, Pinellas, and Sarasota) with an average KBDI over 500 (drought/increased fire danger).



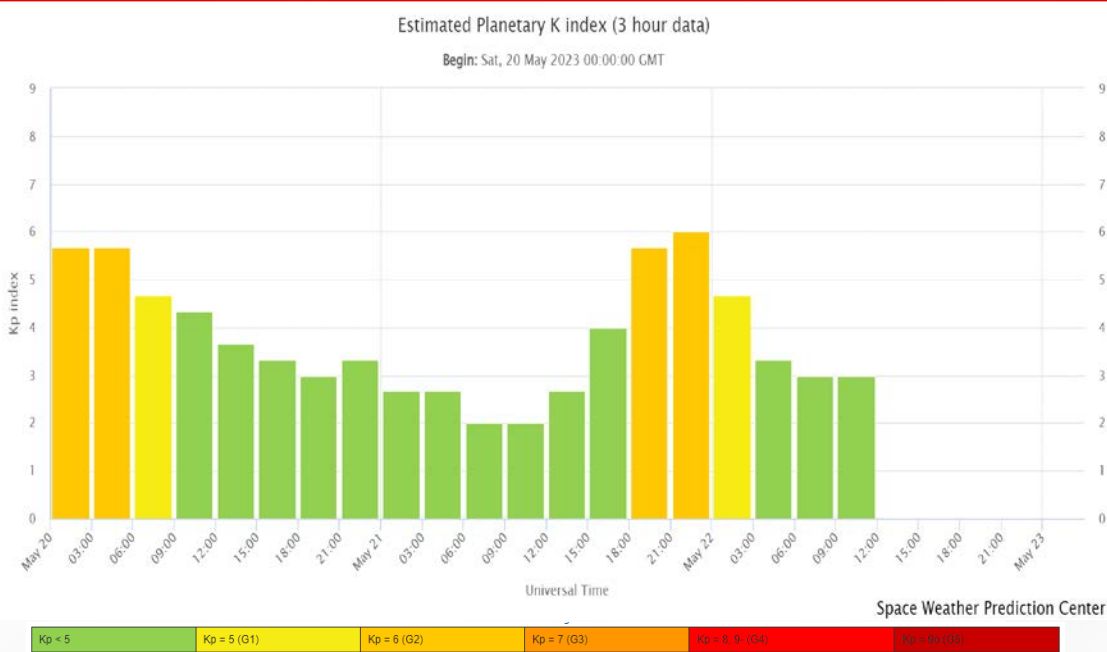


Space Weather

Current Sunspots



Earth-facing Coronal Holes



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 75%	Geomagnetic Storm: None	M2 Solar Flare
X-class: 30%	Radiation Storm: None	R1 Radio Blackouts

48 Hour Geomagnetic Forecast	
5/22	5/23
Max Kp= 4 (G0)	Max Kp= 5 (G1)
Chance of minor activity = 35% severe activity = 20%	Chance of minor activity = 20% severe activity = 5%

Space Weather: Solar activity is likely to be moderate to high over the next several days due to the flare potential of sunspot #3311. Enhanced solar wind conditions are expected to persist through midweek due to waning Coronal Mass Ejection (CME) effects and coronal hole influences. The geomagnetic field is expected to remain unsettled today, and isolated minor geomagnetic storms (G1) are possible through midweek courtesy of an enhanced stream of solar wind flowing from the Earth-facing coronal hole. The overall 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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