



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Sunday, June 30, 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	Ben Mauro	(850) 566-4904	Benjamin.Mauro@em.myflorida.com
Operations Officer- Day	Logan Qualk	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Zachary Remante	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Matthew Peloso	(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	Hunter Stafford	(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	In Region	On Call
Region 2: Willie Bouie	Out of Service	Leave (See Coverage)
Region 3: Glen Hammers	In Region	On Call
Region 4: James Carter	Out of Service	Leave (See Coverage)
Region 5: Austin Beeghly	In Region	On Call
Region 6: Paul Siddall	In Region	On Call
Region 7: Cristian Rivera	In Region	On Call
Region 8: Karen Kozac	Out of Service	Leave (See Coverage)
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	In Region	On Call



Region 2 Coverage Provided by Recovery Coordinator 2
 Region 4 Coverage Provided by Recovery Coordinator 4
 Region 8 Coverage Provided by Response Coordinator 10
 Region 9 Coverage Provided by Recovery Coordinator 9

Status
Normal Operations
Out of Service / Unavailable



Recovery Regional Coordination Team

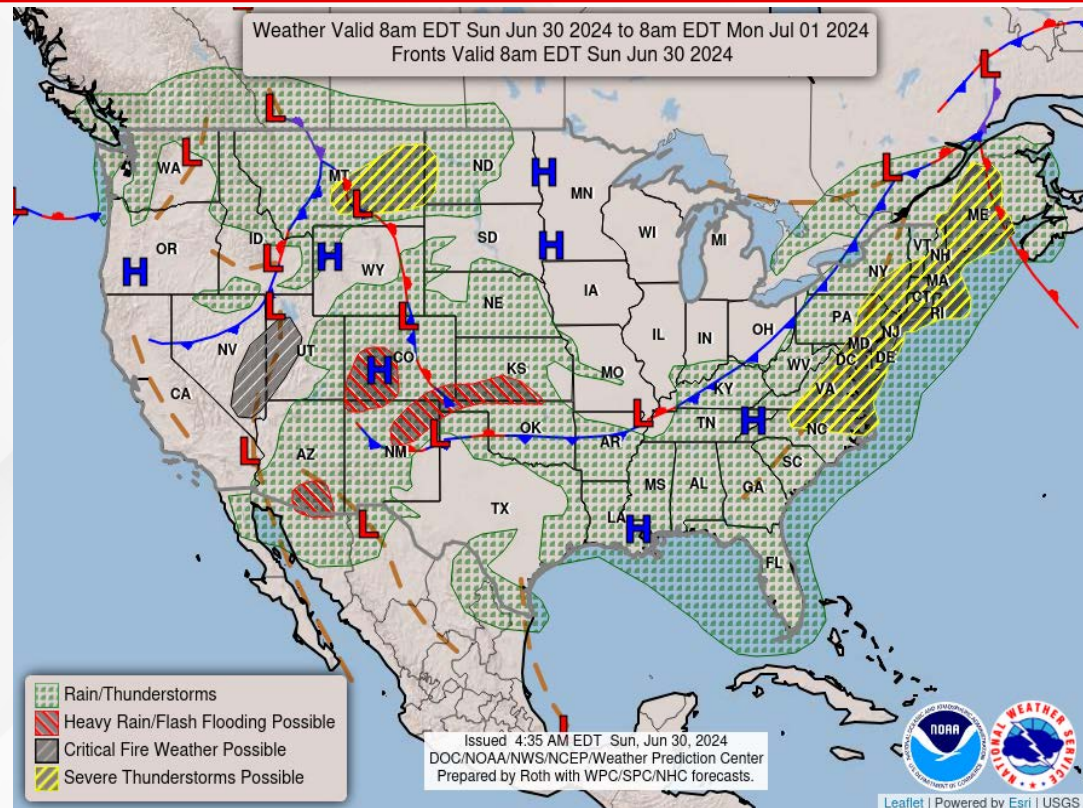
Team	County Location	Status / Activities
Region 1: Allison Blevins	In Region	Off & Monitoring
Region 2: Justin Lazzara	In Region	On Call Status for Region 2
Region 3: Patrick James	In Region	Off & Monitoring
Region 4: Joshua Saunders	In Region	On Call Status for Region 4
Region 5: Elizabeth Caison	In Region	Off & Monitoring
RRCT Manager	In Region	Off & Monitoring
Region 6: Jeremy O'Dell		
Region 7: Vacant	N/A	N/A
Region 8: Ja-Pheth Butler-Miller	In Region	Off & Monitoring
Region 9: Kathryn Thompson	In Region	On Call Status for Region 9
Region 10: Dana McGeehan	In Region	Off & Monitoring

Region 7 Coverage Provided by Recovery Coordinator 6

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

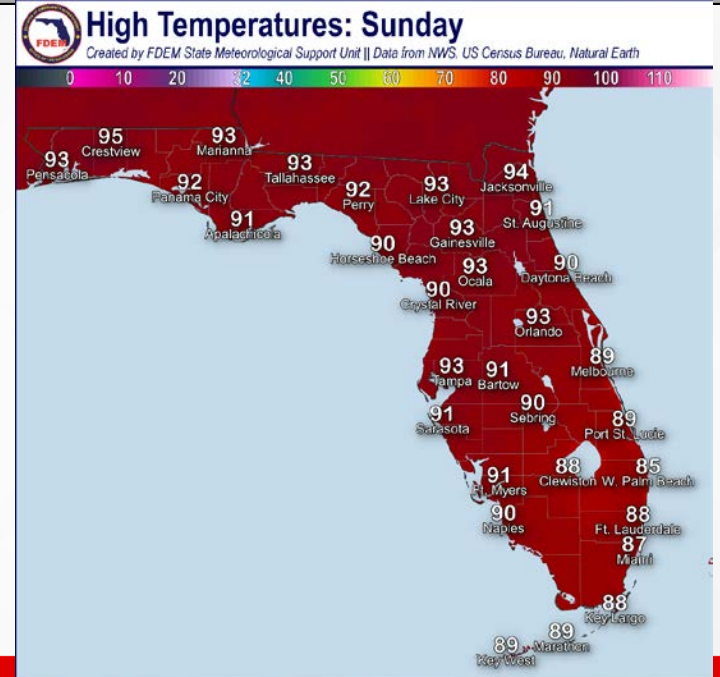
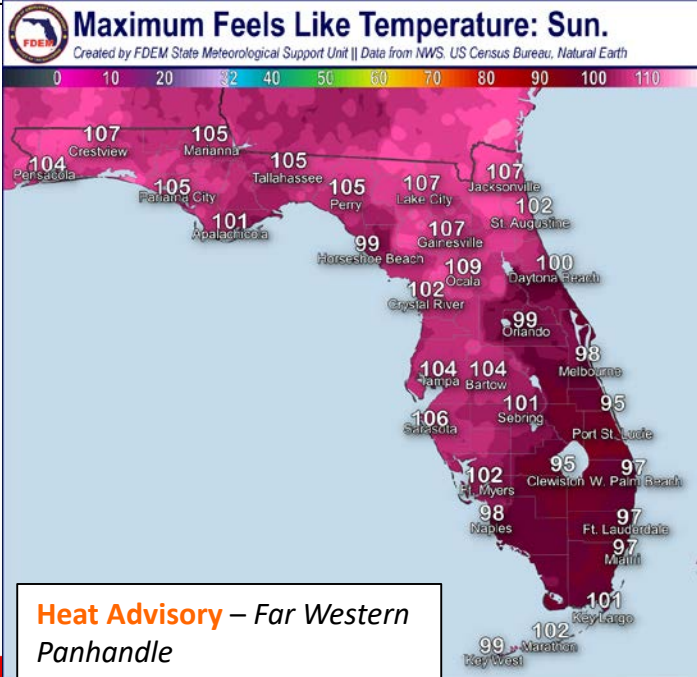


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	M	H	H	M	M	H	H	M	H	H
Tornado										
Damaging Wind		L	L	L		L	L		L	
Hail										
Excessive Heat	M	M	M	M	L	M	M	L	M	L
Flash Flooding	L	L	L	L	L	L	L	L	L	L
Wildfire										
Fog (Overnight)										
Rip Currents	H	H	L	M	M	L		M	L	L
Lake Okeechobee Elevation:	13.43 ft. (0.06 ft. Above Normal)									
Keetch-Byram Drought Index:	345 (-35) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

Statewide Overview, Next 24 Hours:

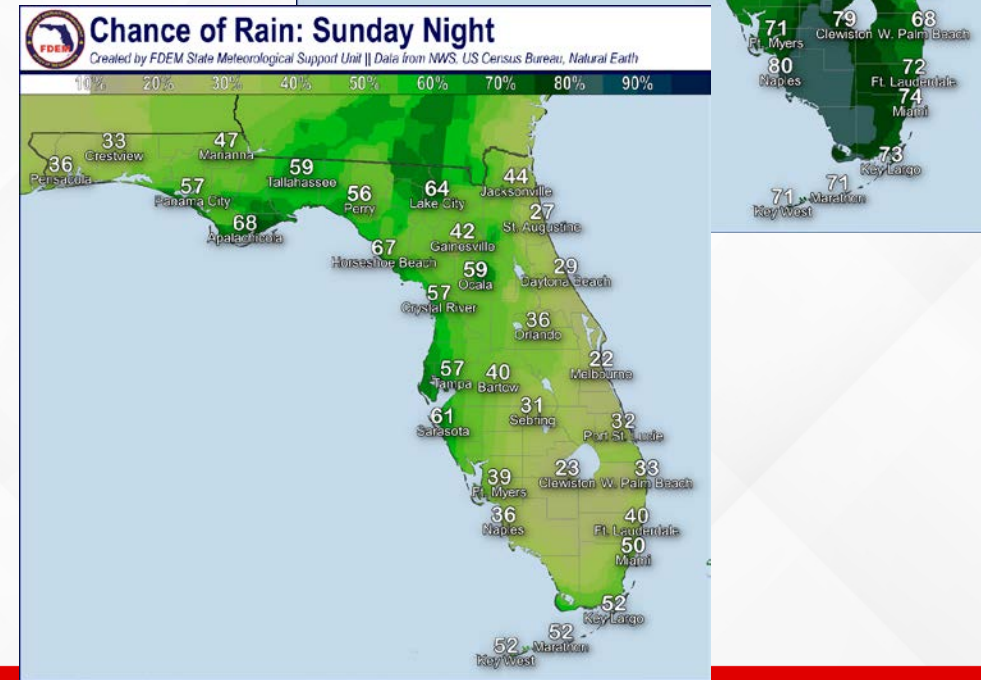
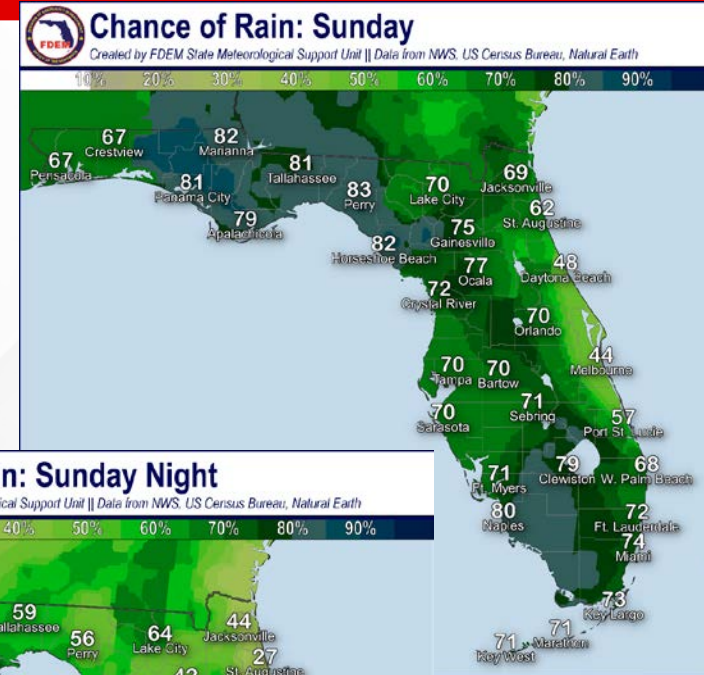
Localized areas of patchy fog are possible through sunrise along inland portions of Treasure Coast. Scattered showers and thunderstorms will continue through the morning hours along portions of South Florida and the Keys as an upper-level feature moves overhead.

Abundant moisture across the state will continue to build throughout the day ahead of a frontal boundary moving southward towards the Mid-Atlantic U.S. Showers and thunderstorms will develop along the coastlines this morning, then gradually push inland with the sea breeze throughout the afternoon and evening. Scattered to numerous showers and thunderstorms can be expected to develop nearly statewide by the afternoon and evening hours along the sea breeze collisions (65-85% chance of rain). The greatest coverage for shower and thunderstorm activity looks to be across the Panhandle and Big Bend, as well as along the I-75 corridor. While organized severe weather is not anticipated, **strong to locally severe thunderstorms** could develop throughout the peak heating hours of the day and into the early evening hours along the sea breeze collisions. **Any strong to locally severe thunderstorm** that develops will be capable of producing frequent lightning, gusty winds (40-50 mph) and torrential downpours. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** along the I-10 corridor and throughout the western Peninsula as torrential downpours and slow-moving showers and thunderstorms could bring **localized flash flooding** at times across urban and low-lying/poor drainage areas.

Tropical moisture and upper-level high pressure will bring warm and muggy conditions across the state. High temperatures will reach the low to middle 90s across the state this afternoon. **Heat index values**, or feels-like temperatures, will reach into the **upper 90s and low 100s** nearly statewide, with values in the **middle 100s** for portions of the Panhandle and Big Bend. **Heat Advisories** will go into effect later this morning along the far western Panhandle where **heat index values upwards of 108-110** are expected this afternoon and evening creating **dangerously hot and humid conditions**. Cloud cover and the anticipated timing of showers and thunderstorms will keep conditions below heat advisory criteria across the rest of the Panhandle and Big Bend, as well as portions of South Florida. *Conditions locally could reach heat advisory criteria for a short period of time this afternoon across portions of the Panhandle and Big Bend.*

Shower and thunderstorm activity will continue through the evening hours and early overnight hours as they generally move south to southwestward. While activity moves back towards the coastlines and adjacent coastal waters, lingering shower and thunderstorms will be possible across the Big Bend and South Florida overnight (25-55% chance of rain). **Areas of low clouds and patchy fog** cannot be ruled out overnight and early Monday morning along portions of the coastline, where showers could continue along the coastline or the coastal waters.

Low temperatures overnight will reach the middle to upper 70s and low 80s across the state providing little relief to daytime heat and humidity.





Tropical Weather

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

Major Hurricane Beryl: As of 8:00 AM EDT, the eye of Beryl was located about 420 miles east-southeast of Barbados and moving westward at 21 mph. A continued quick westward to west-northwestward motion is expected during the next few days. On the forecast track, Beryl is forecast to move across the Windward Islands early on Monday and across the southeastern Caribbean Sea Monday night and Tuesday. Maximum sustained winds are near 115 mph with higher gusts, making Beryl a dangerous category 3 hurricane. Continued rapid strengthening is forecast over the next day or so, and Beryl is expected to become an extremely dangerous category 4 hurricane before it reaches the Windward Islands. *Beryl poses no direct threat to Florida over the next 5-7 days but will continue to be monitored.*

Invest 94L - Northwestern Caribbean/Southwestern Gulf of Mexico: An area of low pressure located over the southern portions of the Bay of Campeche is producing disorganized showers and thunderstorms. Environmental conditions appear conducive for further development, and a short-lived tropical depression could form before the system moves inland over Mexico on Monday morning. Hurricane Hunter Aircraft is scheduled to investigate the system later today. *This system poses no direct threat to Florida but will bring elevated surf and a high risk for rip currents along Panhandle beaches through the early part of next week.*

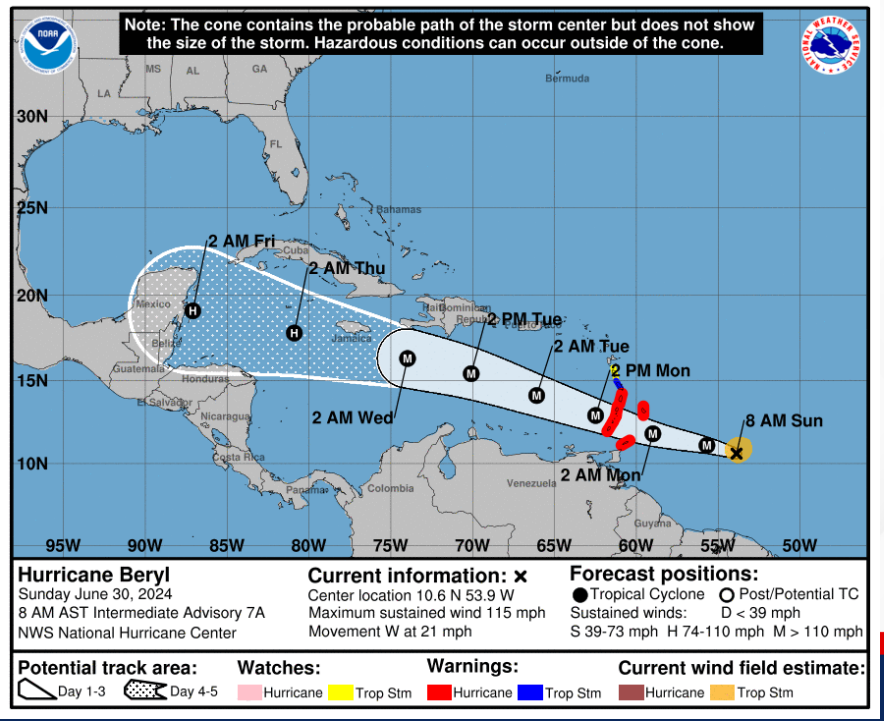
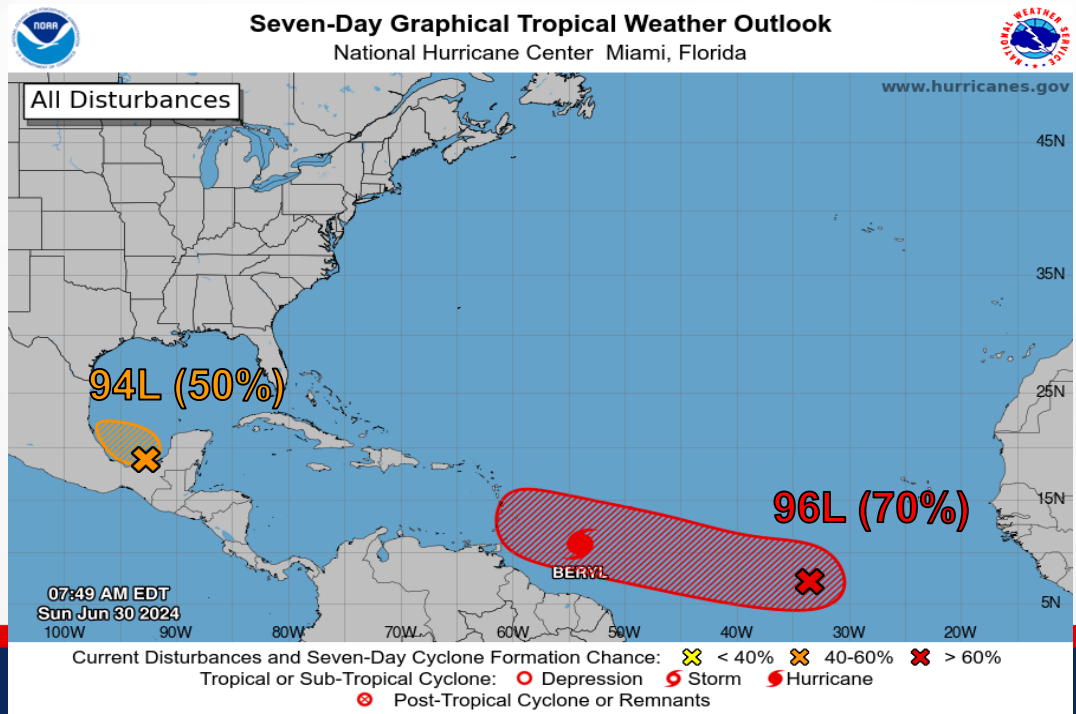
*Formation chance through 48 hours...**medium...50%**.

*Formation chance through 7 days...**medium...50%**.

Invest 96L - Eastern Tropical Atlantic: Showers and thunderstorms continue in association with an area of low pressure located several hundred miles southwest of the Cabo Verde Islands. Environmental conditions appear to be conducive for additional development of this system, and a tropical depression is likely to form by the middle part of this week while it moves generally westward at 15-20 mph across the eastern and central tropical Atlantic. *This system poses no direct threat to Florida over the next 7-10 days but will continue to be monitored.*

*Formation chance through 48 hours...**medium...40%**.

*Formation chance through 7 days...**high...70%**.





Coastal Hazards & Hydrology

Rip Currents: A **high risk for rip currents** has returned across all Panhandle beaches due to developing ocean swells. A **moderate risk for rip currents** continues along numerous East Coast beaches. All other beaches can expect a low risk for rip currents. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Ocean swells from Invest 94L over the Bay of Campeche will bring wave heights of 2-3' with isolated **breaking waves** upwards of 4' within the surf zone. Across the rest of the state, wave heights of 1-2' can be expected throughout the day.

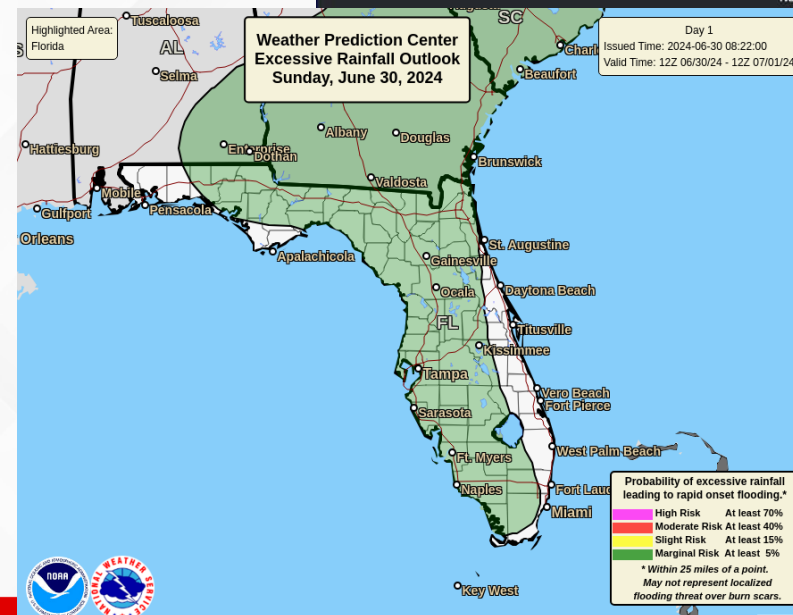
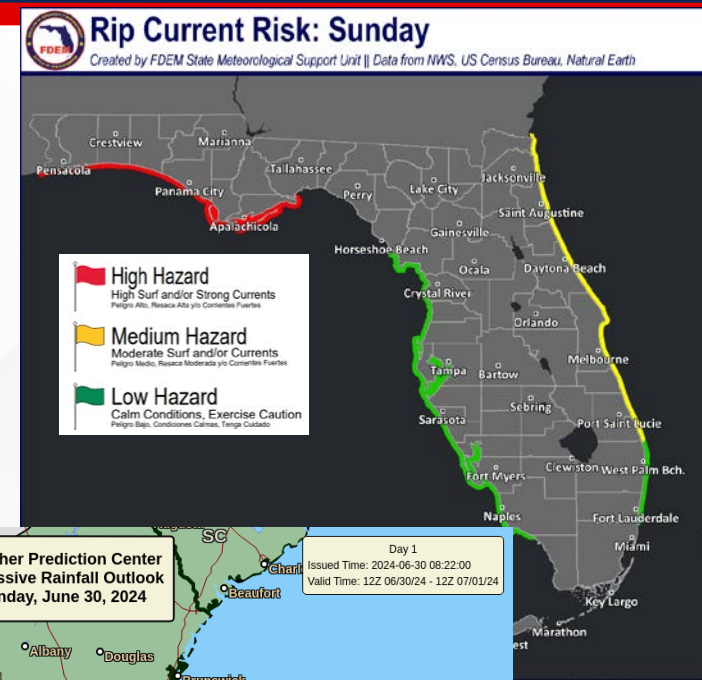
Red Tide has not been observed at or above background levels over the past week (as of 6/28).

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

Flash Flooding: Abundant moisture continues to build ahead of a frontal boundary approaching the Mid-Atlantic, which will help to bring scattered to numerous showers and thunderstorms. Heavy rainfall can be expected within stronger thunderstorm activity that develops during throughout the afternoon and evening. Sea breeze showers and thunderstorms will be enhanced by the abundant moisture and the help of the frontal boundary, along with daytime heating processes. The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across most of interior North Florida and throughout West Florida, west of the I-95 corridor, as heavy rainfall could bring **localized flash flooding** within heavy downpours. Heavy and intense downpours, as well as slow-moving showers and thunderstorms, could bring **localized flash flooding** for urban and low-lying/poor drainage areas. Rainfall totals of 1-3" can be expected, with **locally higher totals** upwards of 4-6" possible for portions of the Big Bend and western Peninsula.

Riverine Flooding: All Florida rivers, creeks and waterways remain below flood stage. Local rises within water levels are possible depending on where the heaviest rainfall occurs within shower and thunderstorm activity; however, riverine flooding is not expected. There are no additional riverine concerns at this time. For more details, please visit the River Forecast Center.

Lake Okeechobee's average elevation is 13.43 feet, which is within the operational band and 0.06 feet above normal for this time of year.





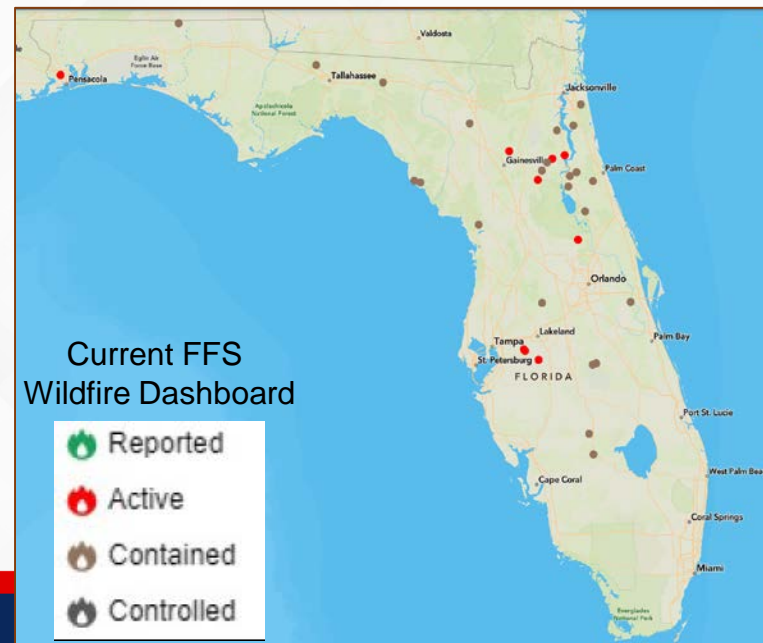
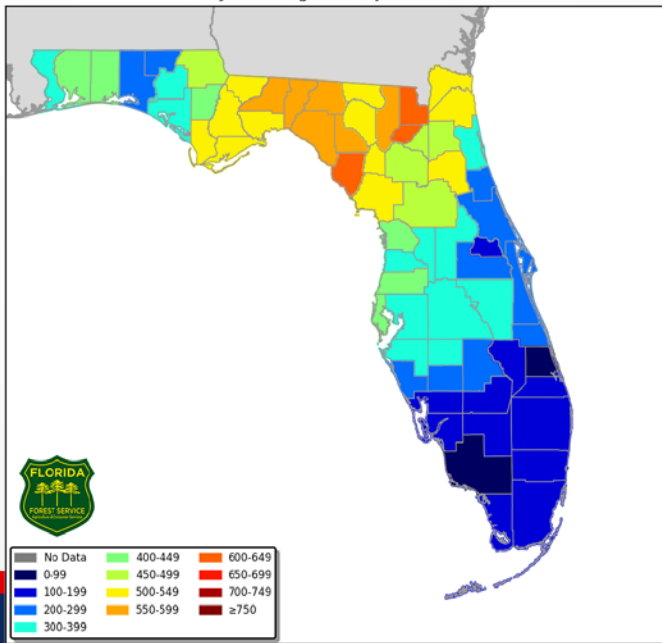
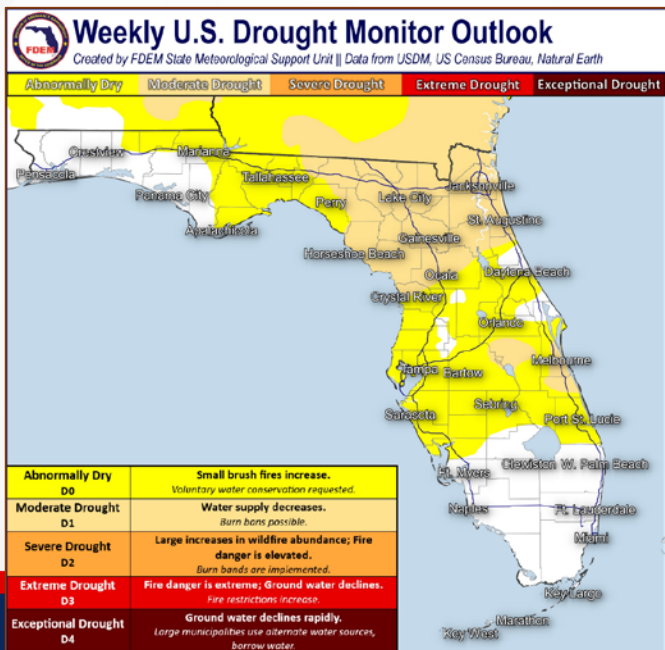
Drought & Fire Weather

Fire Weather: Relative humidity values will remain well above critical thresholds across the state. Calm to light winds (3-7 mph) can be expected throughout the day, with wind gusts also remaining calm to light (3-10 mph). Stronger wind gusts will be possible within thunderstorm activity that develops. Thunderstorms will be capable of producing erratic winds and frequent lightning. According to the [Florida Forest Service](#), there are 32 active wildfires across the state burning approximately 5,428 acres.

Drought: Throughout most of the southeast, rainfall has been largely lacking over the past 3-4 weeks. At the same time, the region has experienced several heat waves over the past month. Combined, this has resulted in rapidly deteriorating drought conditions. Abnormally dry (*emerging drought*) conditions have expanded into the Big Bend and north of I-10 into the Eastern Panhandle on this week's drought monitor update as soil moisture, stream flows, and several derived drought indices continue to worsen on a daily basis. **Moderate drought** conditions have also expanded on this week's update and now stretch across the Northern Peninsula and into the Eastern Big Bend. High rates of evaporation of moisture from land and vegetation (evapotranspiration) are rapidly drying out soils and vegetation, increasing fire concerns. Widespread impacts have been observed in the agriculture sector due to these worsening drought conditions as pastures and rangelands are going dormant or turning brown, which is in turn increasing livestock concerns. There have been several reports that crop yields are in danger if meaningful rainfall is not observed soon. Abnormally Dry conditions remain near and north of Lake Okeechobee to north of I-4 with pockets of **moderate drought** near Melbourne and south of Orlando. Above normal temperatures and below normal rainfall are expected to persist over the next week and will likely further exacerbate drought conditions.

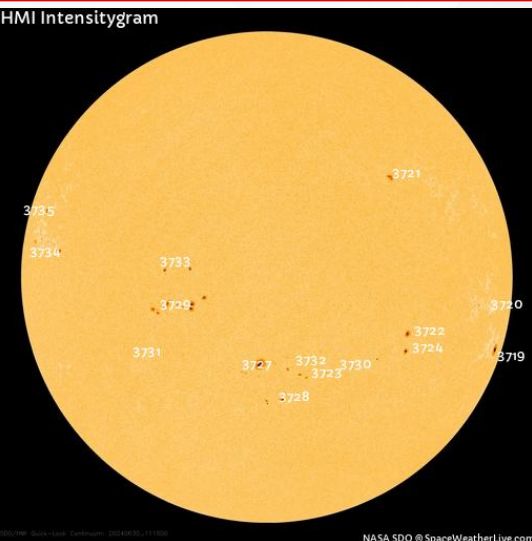
The Keetch-Byram Drought Index average for Florida is **345 (-35)** on a scale from 0 (very wet) to 800 (very dry). There are **21** Florida Counties (Baker, Columbia, Dixie, Duval, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Jefferson, Lafayette, Leon, Levy, Liberty, Madison, Nassau, Putnam, Suwannee, Taylor, Union, and Wakulla) with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for June 29, 2024

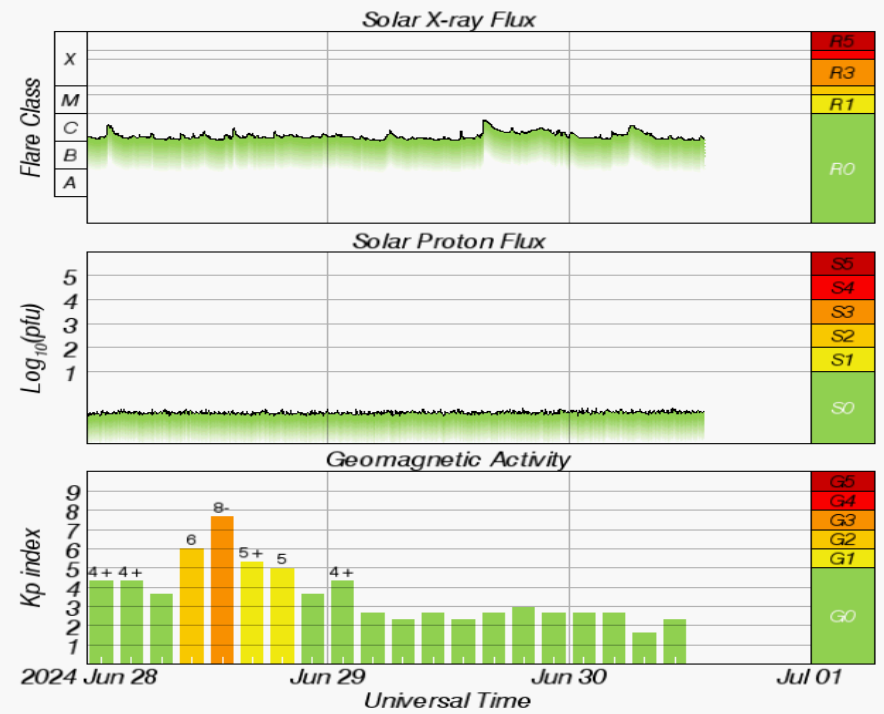




Space Weather

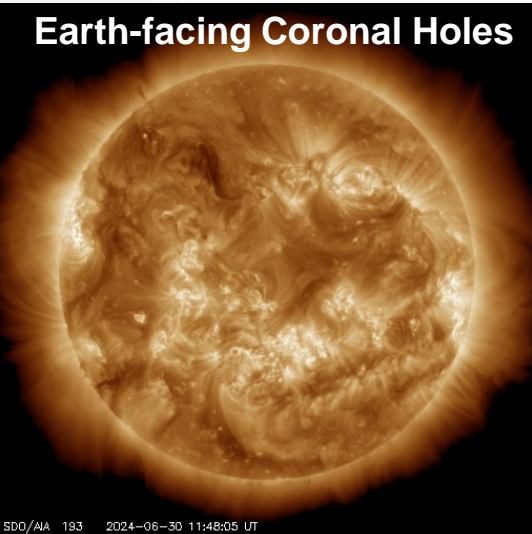


Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 30%	Geomagnetic Storm: None	C5 Solar Flare
X-class: 5%	Radiation Storm: None	No Radio Blackouts

48-Hour Geomagnetic Forecast	
6/30	7/1
Max Kp= 5 (G1)	Max Kp= 3 (G0)
Chance of minor activity = 5% severe activity = 1%	Chance of minor activity = 15% severe activity = 1%



Space Weather: Solar activity is expected to be low with a chance for strong (M-class) solar flares through the end of the weekend and into next week. While there are several Earth-facing sunspots on the surface of the sun, they all contain stable magnetic fields that pose little threat for M-class flares. Slightly enhanced solar wind conditions can be anticipated to persist through today. Enhancements to the solar wind field can be anticipated beginning tomorrow ahead of a couple of Coronal Mass Ejections (CME) that are forecast to graze the Earth's geomagnetic field beginning tomorrow. No minor (S1) or greater solar radiation storms are expected due to the stable magnetic fields of the numerous sunspots. The Earth's geomagnetic field are expected to reach quiet to unsettled levels, with increasing chances for active levels tomorrow ahead of the arrival of CMEs. No minor (G1) geomagnetic storms are expected. 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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