



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Friday, June 28, 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	Jay Griffin	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Cassi Farestvedt	(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	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	Out of Service	Leave (See Coverage)
Region 2: Willie Bouie	Out of Service	Leave (See Coverage)
Region 3: Glen Hammers	Out of Service	Leave (See Coverage)
Region 4: James Carter	Out of Service	Leave (See Coverage)
Region 5: Austin Beeghly	Seminole	Office Admin
Region 6: Paul Siddall	Hillsborough	Fleet Admin
Region 7: Cristian Rivera	Hendry	Capabilities Assessment
Region 8: Karen Kozac	Out of Service	Leave (See Coverage)
Region 9: Theresa Hendry	Out of Service	Leave (See Coverage)
Region 10: Claudia Baker	Miami-Dade	Office Admin



Region 1 Coverage Provided by Recovery Coordinator 1
 Region 2 Coverage Provided by Recovery Coordinator 2
 Region 3 Coverage Provided by Recovery Coordinator 4
 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

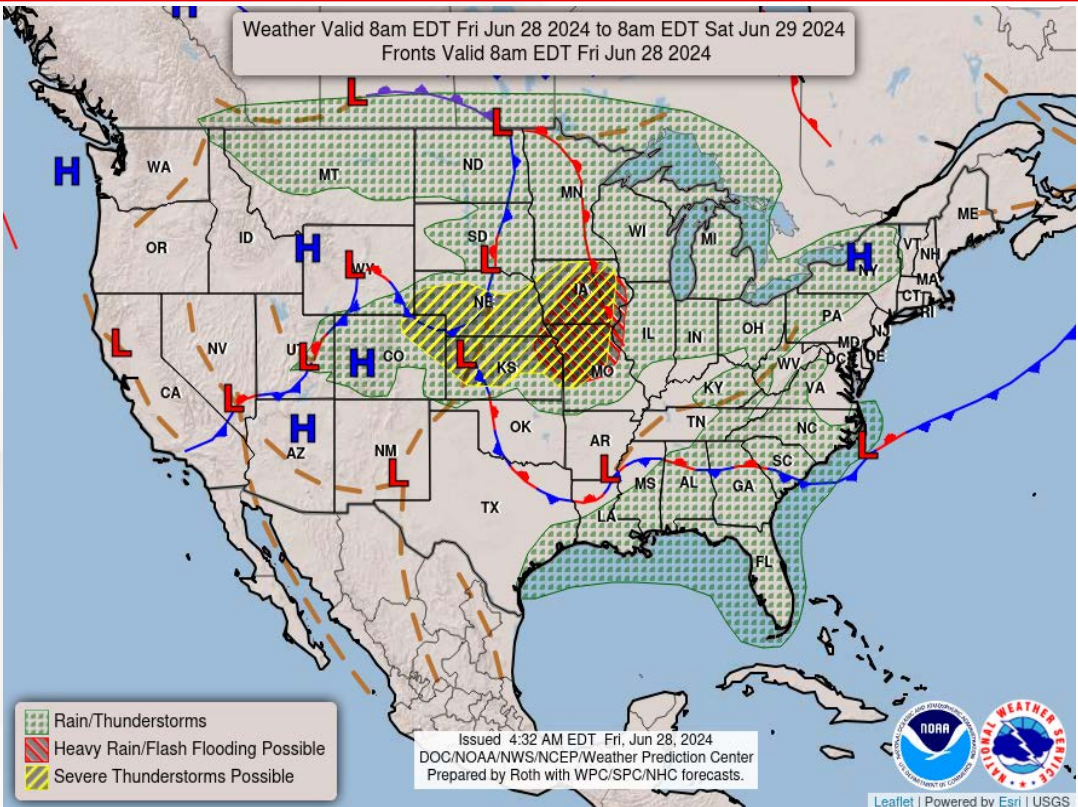
Team	County Location	Status / Activities
Region 1: Allison Blevins	Washington	Administrative Duties
Region 2: Justin Lazzara	Leon	Vehicle Maintenance
Region 3: Patrick James	Alachua	Recovery Education & Training Meeting
Region 4: Joshua Saunders	Clay	Recovery Education & Training Meeting
Region 5: Elizabeth Caison	Escambia	HERricane Camp
RRCT Manager	Pasco	External Stakeholder Meeting
Region 6: Jeremy O'Dell		
Region 7: Vacant	N/A	N/A
Region 8: Ja-Pheth Butler-Miller	Indian River	Return to Region 8
Region 9: Kathryn Thompson	Hendry	County EM Meeting
Region 10: Dana McGeehan	Broward / Miami-Dade	Teaching G-2300 / External Stakeholder Meeting

Region 7 Coverage Provided by Recovery Coordinator 6

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

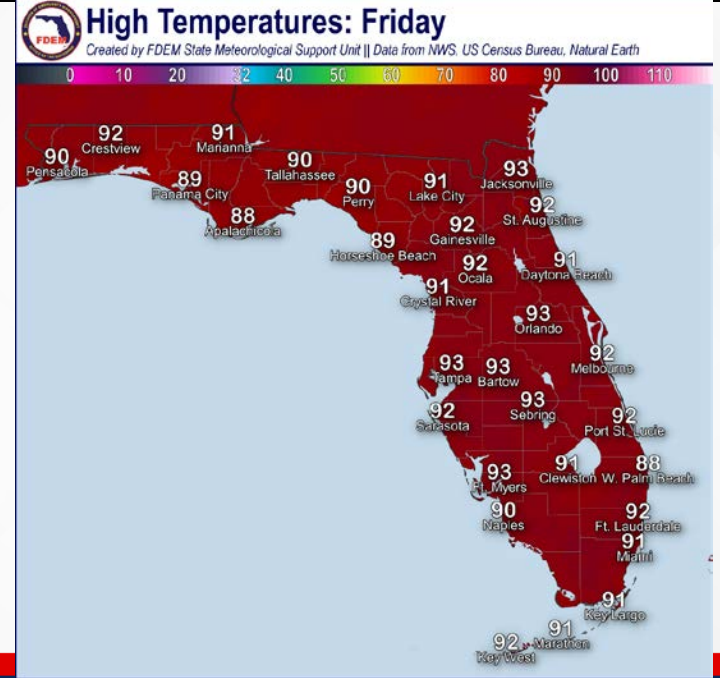
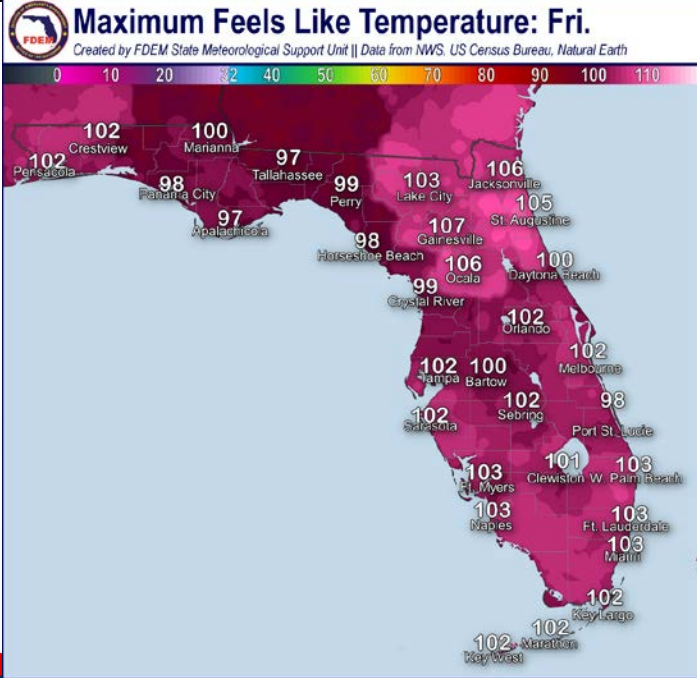


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	M	M	M	M	M	M	M	M	M	M
Tornado										
Damaging Wind		L	L	L	L			L		L
Hail										
Excessive Heat	L	L	M	M	L	L	L	L	L	L
Flash Flooding		L		L	L			L		L
Wildfire										
Fog (Overnight)										
Rip Currents	M	M	L	M	M	L		M	L	L
Lake Okeechobee Elevation:	13.41 ft. (0.06 ft. Above Normal)									
Keetch-Byram Drought Index:	358 (-7) on a scale from 0 (very moist) to 800 (very dry)									





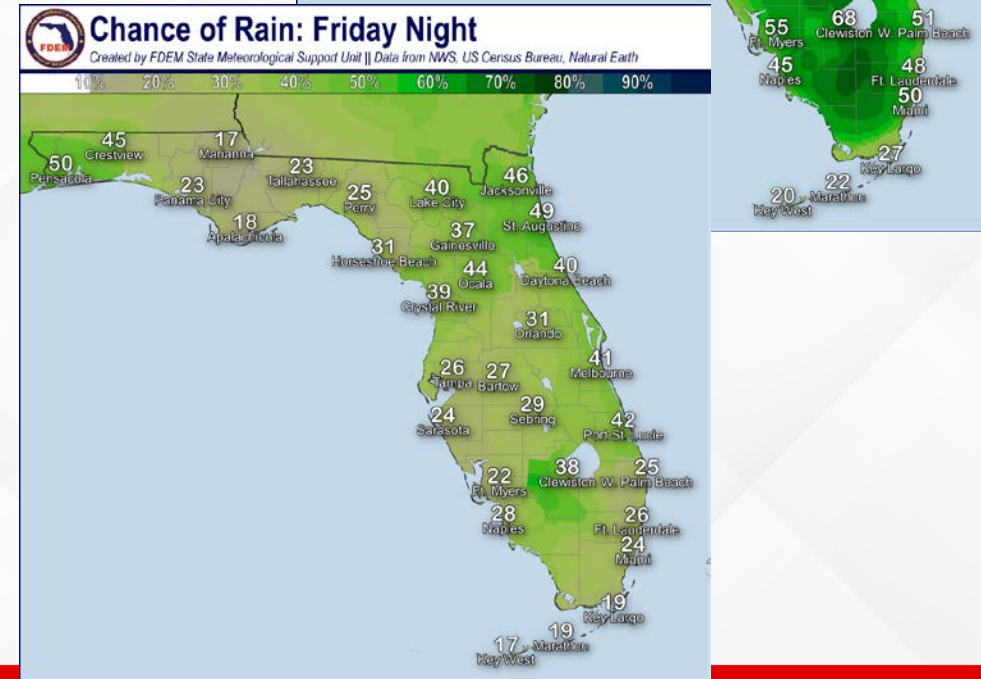
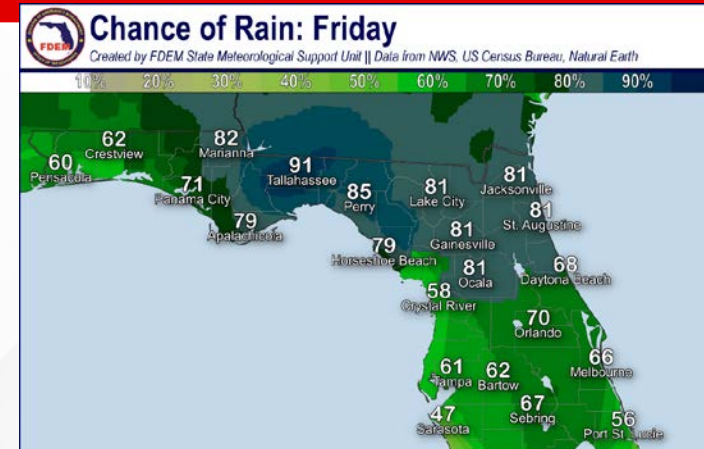
Meteorology Summary

Statewide Overview, Next 24 Hours:

An upper-level disturbance and a stalled frontal boundary across the Southeast U.S. lifting northward will give way to another day of enhanced shower and thunderstorm activity across North Florida. Scattered showers developing and moving onshore along the Florida Panhandle and Western Peninsula coastlines this morning will build and increase in coverage and push northeastward throughout the day (60-90% chance of rain). A **few strong to severe thunderstorms** capable of producing frequent lightning, gusty winds (40-60 mph), and heavy downpours may be possible. With high pressure to the south sliding northward into the Peninsula, a typical summertime pattern can be expected this afternoon and evening with scattered to numerous showers and thunderstorms develop along the sea breeze (50-70% chance of rain). Lighter south-southeasterly winds across the Peninsula will allow the East Coast sea breeze to move further inland than seen over the last few day, causing activity to favor more inland areas. While severe weather is not expected, a **few strong thunderstorms** cannot be ruled out during the peak heating hours of the day. Abundant moisture giving way to heavy downpours and slow-moving storms may result in instances of **localized flooding** across urban and low-lying/poor drainage areas statewide.

High temperatures will reach the upper 80s to middle 90s with **heat indices**, or feels like temperatures, rising into the **triple digits (100-108)** nearly statewide today. Localized areas along the Northern Peninsula cannot rule out heat indices nearing or briefly reaching **Heat Advisory criteria**. Portions of the Eastern Panhandle, Big Bend, and Nature Coast will see slightly lower **heat indices (97-100)** thanks to mostly cloudy skies.

Showers and thunderstorms in the Peninsula will continue throughout the evening hours then dissipate around midnight with the lack of daytime heating (15-40% chance of rain). A few showers and embedded thunderstorms may linger through the overnight hours across North Florida thanks to the upper-level disturbance (25-50% chance of rain). Low temperatures will remain in the middle to upper 70s nearly statewide with low to middle 80s along the Southeast Coast and Keys. Onshore winds along the Florida Panhandle and coastal Western Peninsula may allow for isolated showers to redevelop along the coastal waters and immediate coastline early Saturday morning.





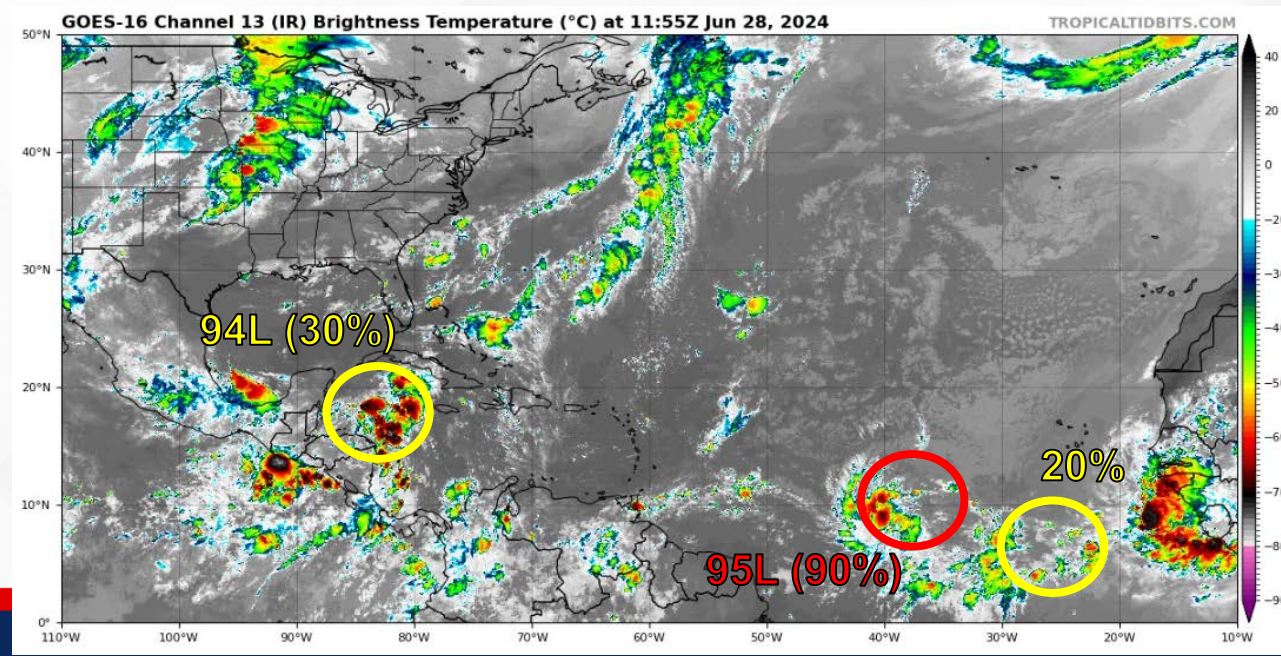
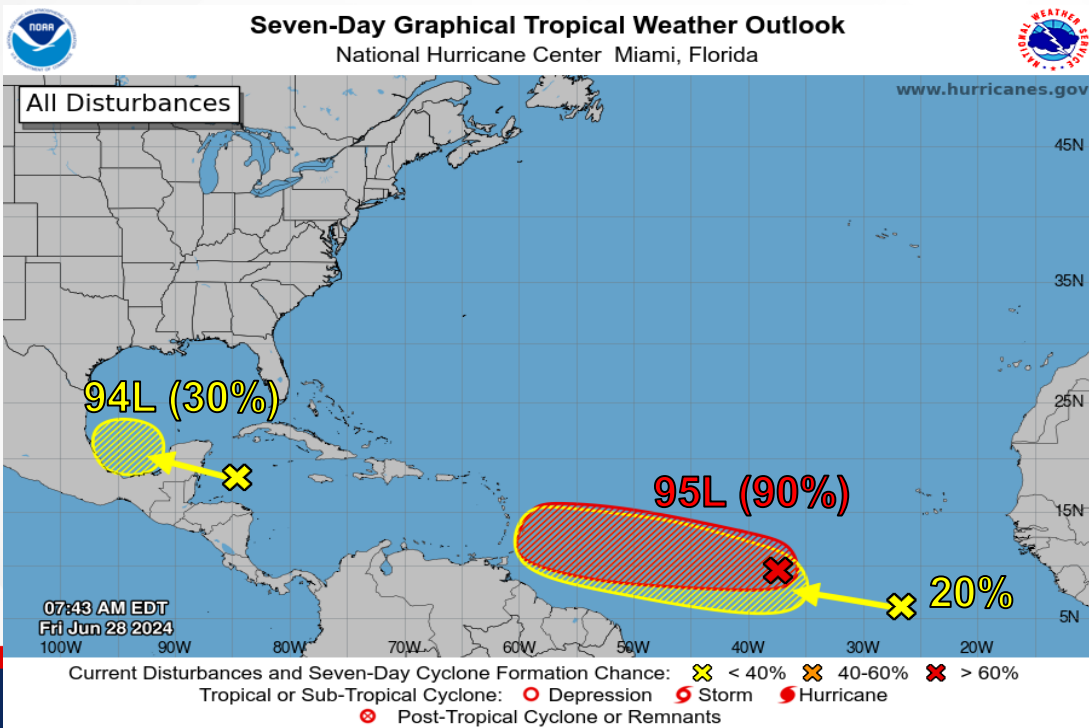
Tropical Weather

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

Western Caribbean/Southwestern Gulf of Mexico (Invest 94L): A broad area of low pressure over the western Caribbean Sea associated with a tropical wave continues to produce widespread shower and thunderstorm activity. Development of this system is not expected today while it moves west-northwestward at around 15 mph, and an Air Force reconnaissance mission planned for today has been cancelled. The disturbance is then expected to move westward over the Yucatan Peninsula and emerge over the Bay of Campeche late Saturday or early Sunday, at which point some development will be possible. Regardless of development, heavy rainfall associated with the tropical wave will affect portions of Central America and Mexico through the weekend. *This system poses no direct threat to Florida.*
*Formation chance through 48 hours...**low...30%**. *Formation chance through 7 days...**low...30%**.

Central Tropical Atlantic (Invest 95L): A low-pressure system located about 1500 miles east-southeast of the Windward Islands is gradually becoming better defined. Showers and thunderstorms are also showing signs of organization, and a tropical depression or tropical storm will likely form later today or on Saturday. This system is expected to move westward at 15-20 mph and approach the Lesser Antilles by the end of the weekend. Interest there should monitor the progress of this system. *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...**high...90%**. *Formation chance through 7 days...**high...90%**.

Eastern Tropical Atlantic: A tropical wave centered several hundred miles south-southwest of the Cabo Verde Islands is producing disorganized showers and thunderstorms. Some slow development of this system is possible next week while it moves generally westward across the central and western tropical Atlantic at 15-20 mph. *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...**low...near 0%**. *Formation chance through 7 days...**low...20%**.





Coastal Hazards & Hydrology

Rip Currents: Numerous beaches along the Panhandle and East Coast will continue to see a **moderate risk for rip currents**, with a **locally high risk** along Bay County. A low risk for rip currents can be expected for all other beaches. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: Wave heights near 1-3' can be expected for beaches statewide.

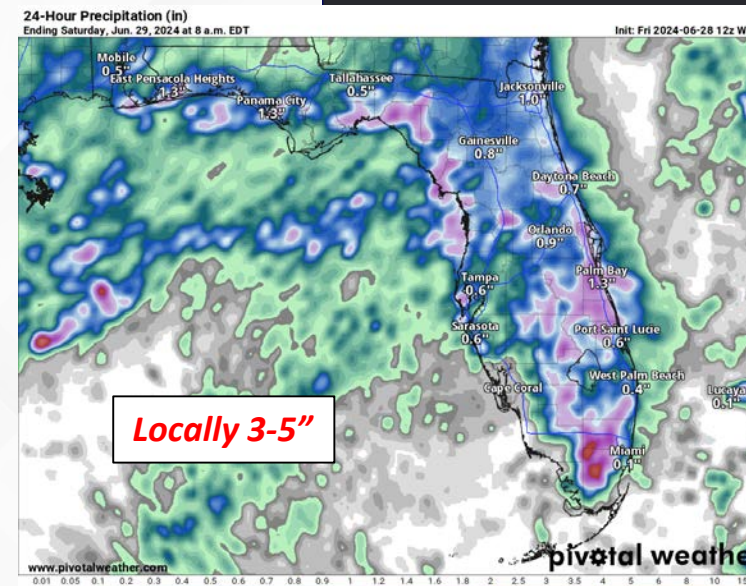
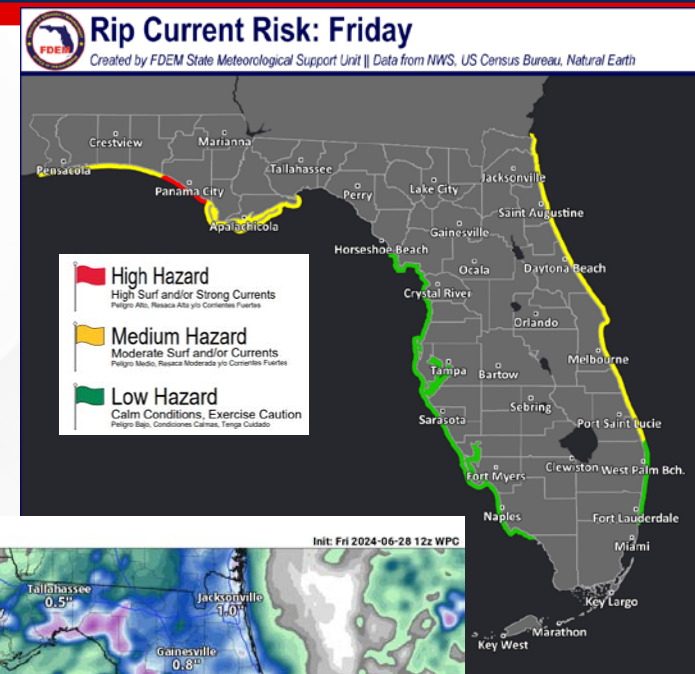
Red Tide has not been observed at or above background levels over the past week (as of 6/21).

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

Flash Flooding: An upper-level disturbance and a stalled frontal boundary across the Southeast U.S. will give way to another day of enhanced shower and thunderstorm activity across North Florida with the sea breezes. Plenty of moisture will continue to fuel scattered to numerous showers and thunderstorms along the sea breezes this afternoon and evening. Lighter south-southeasterly winds across the Peninsula will allow the East Coast sea breeze to move further inland, causing activity to favor more inland areas. Multiple rounds of rainfall, with heavy downpours possible, could bring **localized flooding** across the Peninsula throughout the afternoon and evening hours. Any slow-moving or training showers and thunderstorms over the same areas, or urban and low-lying/poor drainage areas, could lead to **instances of localized flooding** at times. Along the Florida Panhandle, showers and thunderstorms developing with the sea breeze and with the upper-level disturbance will also bring heavy downpours throughout the afternoon and evening, which could bring **localized flooding** in some areas. Rainfall totals of 1-2" can be expected, with **locally higher totals** upwards of 3-5" possible.

Riverine Flooding: All Florida rivers, creeks and waterways are below flood stage. There are no additional riverine concerns. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 13.41 feet, which is within the operational band and 0.06 feet **above** normal for this time of year.





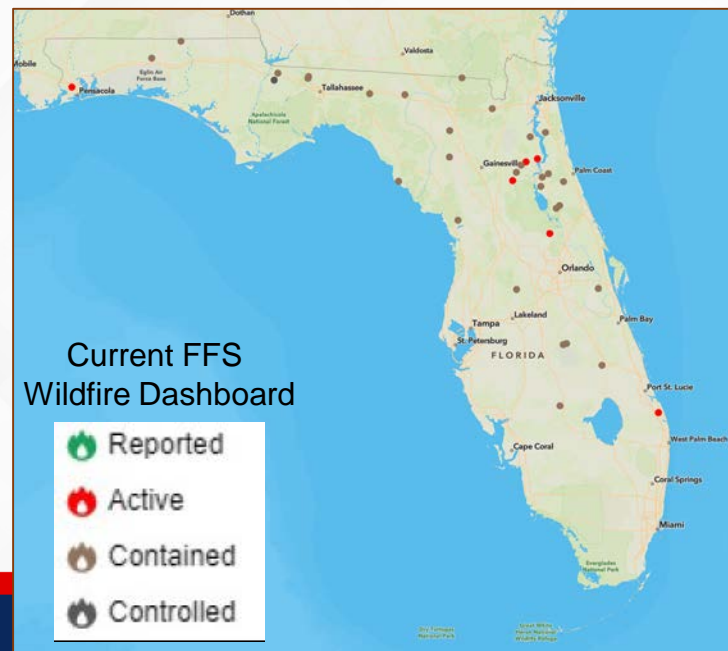
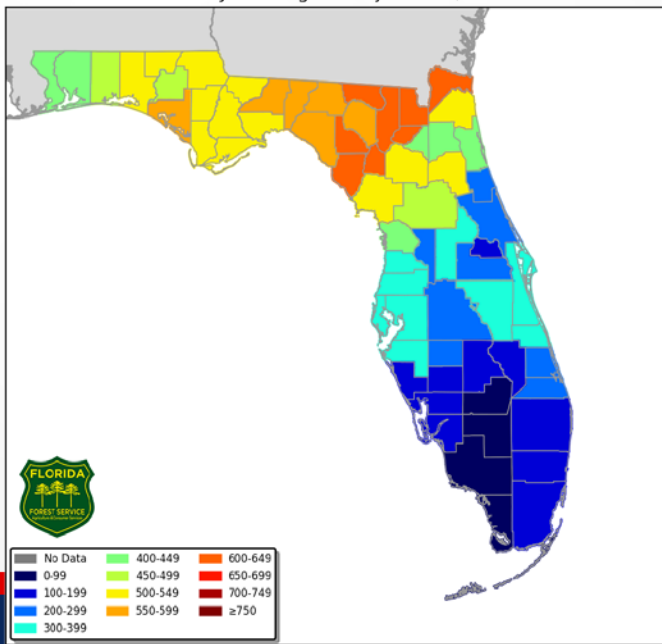
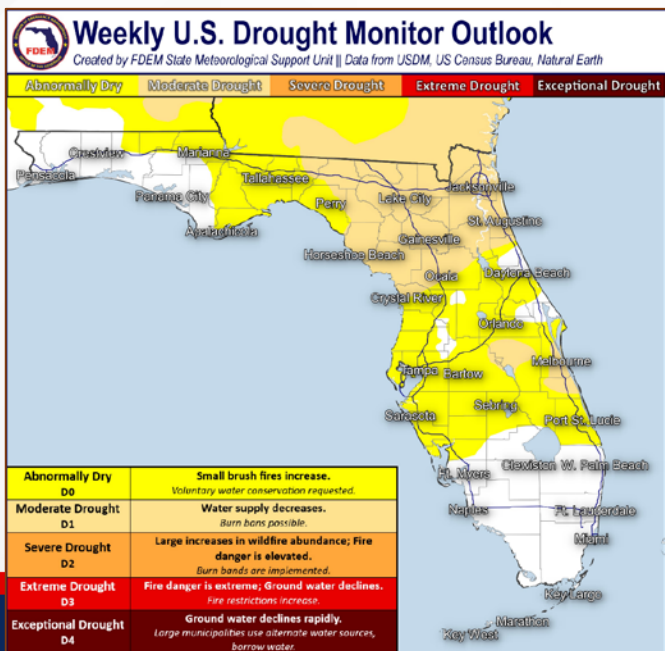
Drought & Fire Weather

Fire Weather: Abundant moisture will hold steady across the state helping to keep relative humidity values above critical thresholds throughout the day. An upper-level disturbance and a stalled frontal boundary across the Southeast U.S. lifting northward will enhance shower and thunderstorm activity across North Florida today. Scattered to numerous showers and thunderstorms can be expected to develop this afternoon and evening along the sea breeze in the Peninsula. *Thunderstorms will be capable of producing frequent lightning and erratic winds.* Southwesterly winds will remain light throughout the day (5-10 mph), keeping wind gusts near 10-15 mph along the coastlines and 15-20 mph across the Florida Panhandle at times. According to the [Florida Forest Service](#), there are 36 active wildfires across the state burning approximately 4,578 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.

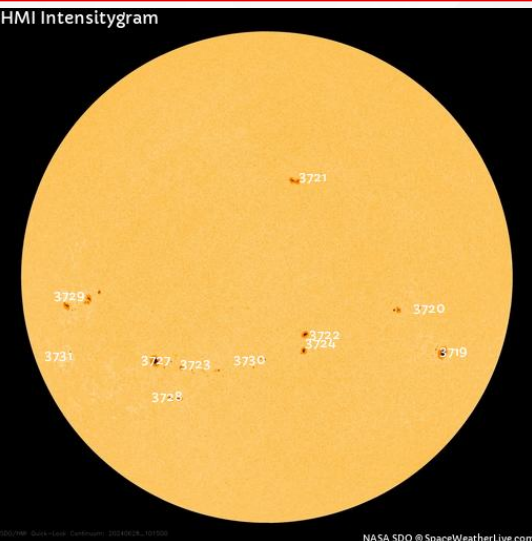
The Keetch-Byram Drought Index average for Florida is **358 (-7)** on a scale from 0 (very wet) to 800 (very dry). There are **27** Florida Counties (Alachua, Baker, Bay, Calhoun, Columbia, Dixie, Duval, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Holmes, Jackson, Jefferson, Lafayette, Leon, Levy, Liberty, Madison, Nassau, Putnam, Suwannee, Taylor, Union, Wakulla and Walton) with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for June 27, 2024

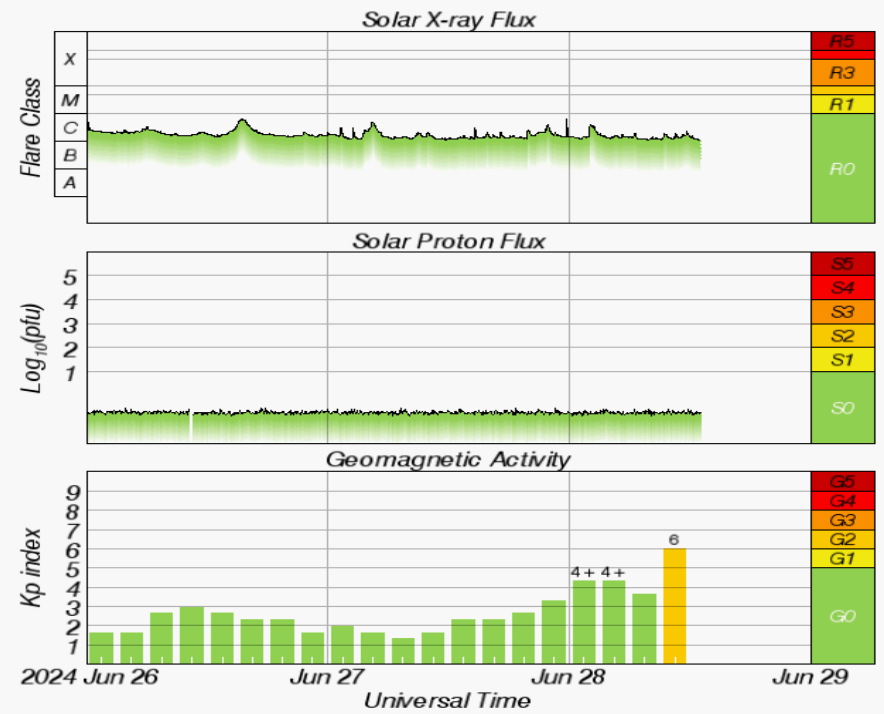




Space Weather

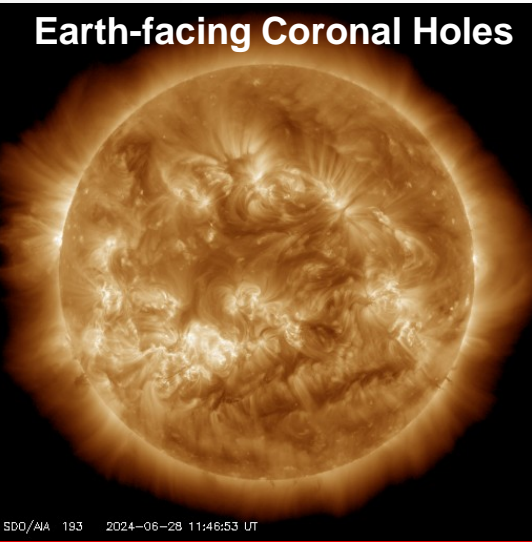


Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 55%	Geomagnetic Storm: G1 Watch (6/28)	C6 Solar Flare
X-class: 5%	Radiation Storm: None	No Radio Blackouts

48-Hour Geomagnetic Forecast	
6/28	6/29
Max Kp= 5 (G1)	Max Kp= 5 (G1)
Chance of minor activity = 20% severe activity = 5%	Chance of minor activity = 20% severe activity = 5%



Space Weather: Strong (M-class) solar flares continue to be likely today and this weekend due primarily to the flare potential of regions #3723 and #3729. Sunspot #3723 contains a magnetic field that poses a continued threat for M-class solar flares. Minor to moderate (R1-R2) radio blackouts can be anticipated with any M-class flares that occur. Solar wind conditions are expected to continue to be enhanced today. An additional enhancement from a Coronal Mass Ejection (CME) that left the Sun on 6/24 is likely late today through Saturday. A **Minor (G1) Geomagnetic Storm Watch** is in effect today as unsettled geomagnetic conditions to **G1 storming** is likely by late today through Saturday with the 6/24 CME expected to graze Earth's magnetic field. Isolated moderate (G2) geomagnetic storms cannot be ruled out. Mostly quiet conditions are forecast to return Sunday. The overall space 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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