



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Saturday, June 29, 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	Matthew Peloso	(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	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

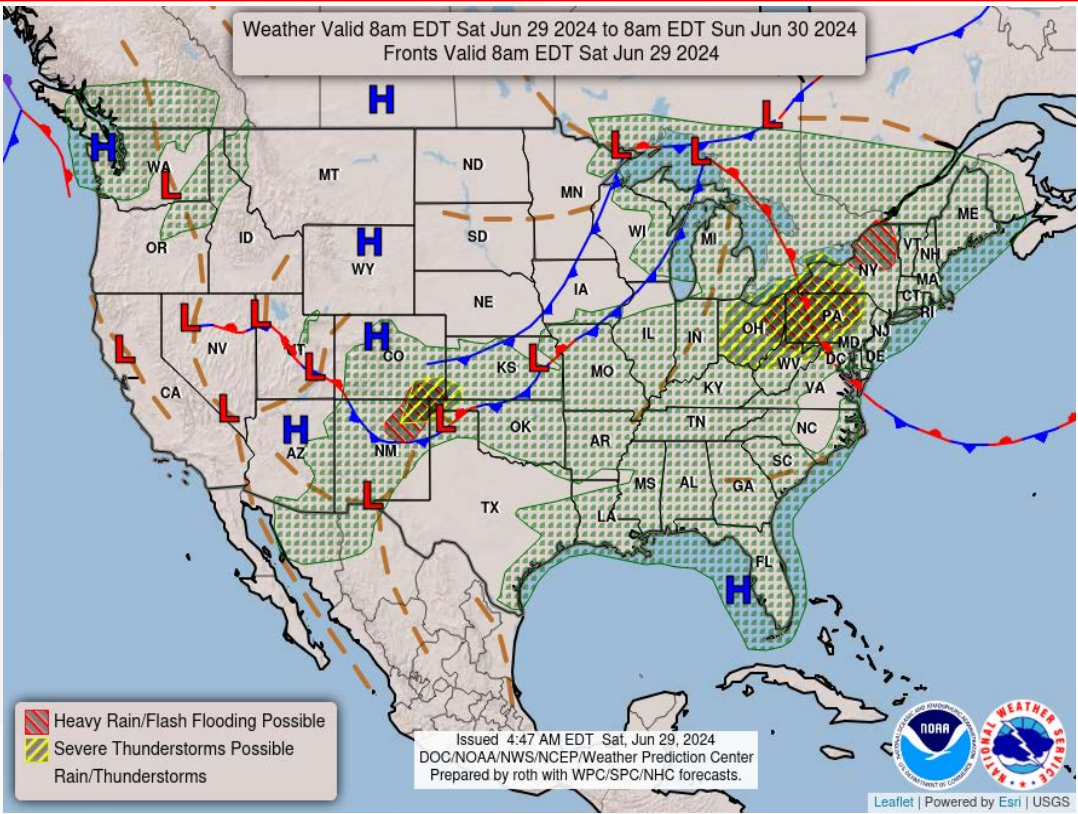
Team	County Location	Status / Activities
Region 1: Allison Blevins	In Region	Off & Monitoring
Region 2: Justin Lazzara	In Region	On Call Status for Region 2
Region 3: Patrick James	In Region	Off & Monitoring
Region 4: Joshua Saunders	In Region	On Call Status for Region 4
Region 5: Elizabeth Caison	In 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

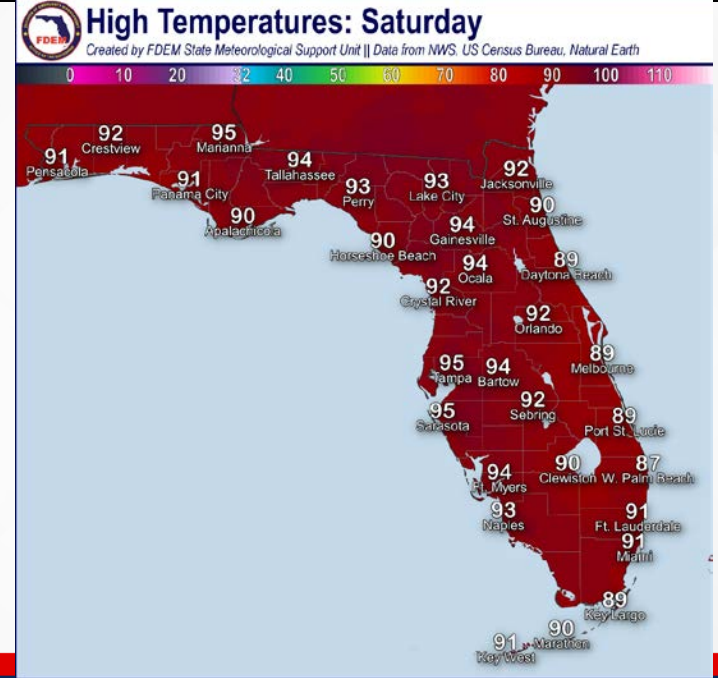
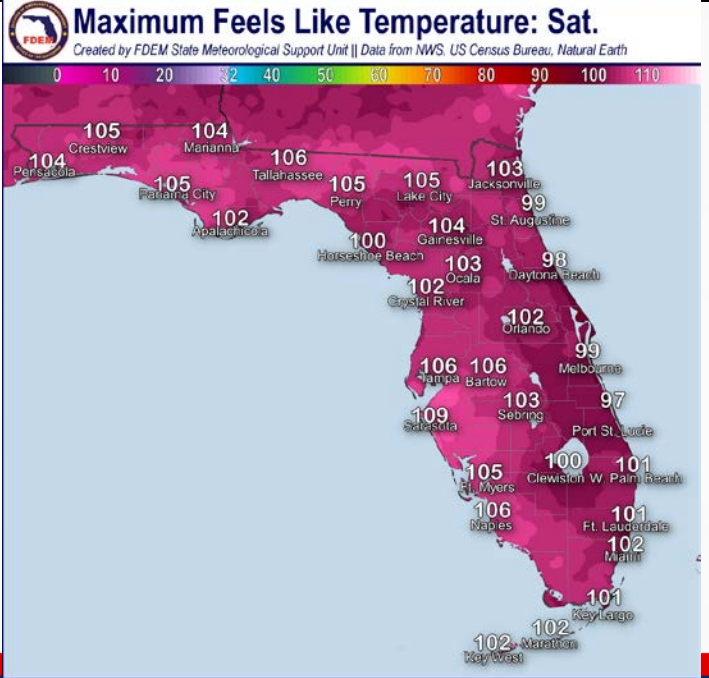


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	M	M	H	M	H	M	H	M	H	M
Tornado										
Damaging Wind		L	L	L	L		L		L	
Hail										
Excessive Heat	M	M	M	L	L	M	M	L	M	M
Flash Flooding		L	L	L	L		L		L	
Wildfire										
Fog (Overnight)										
Rip Currents	M	M	L	M	M	L		M	L	L
Lake Okeechobee Elevation:	13.42 ft. (0.06 ft. Above Normal)									
Keetch-Byram Drought Index:	381 (-7) on a scale from 0 (very moist) to 800 (very dry)									





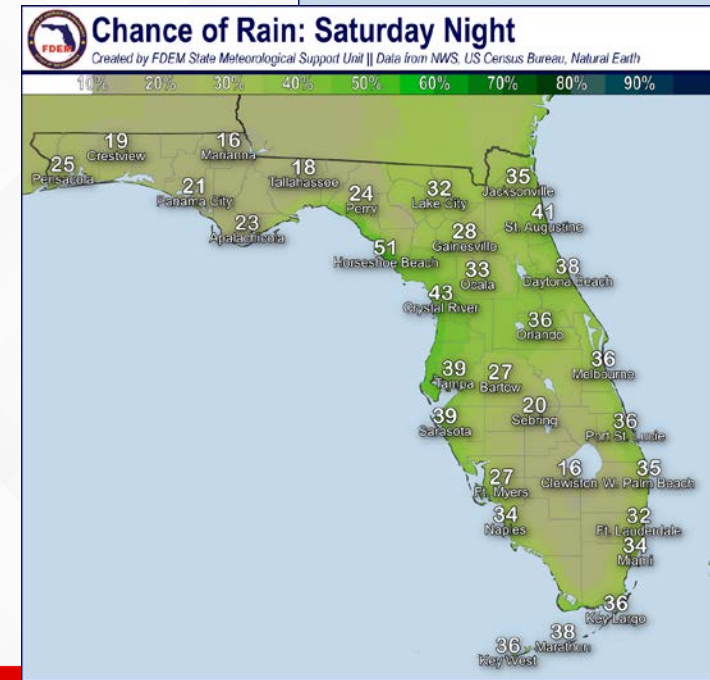
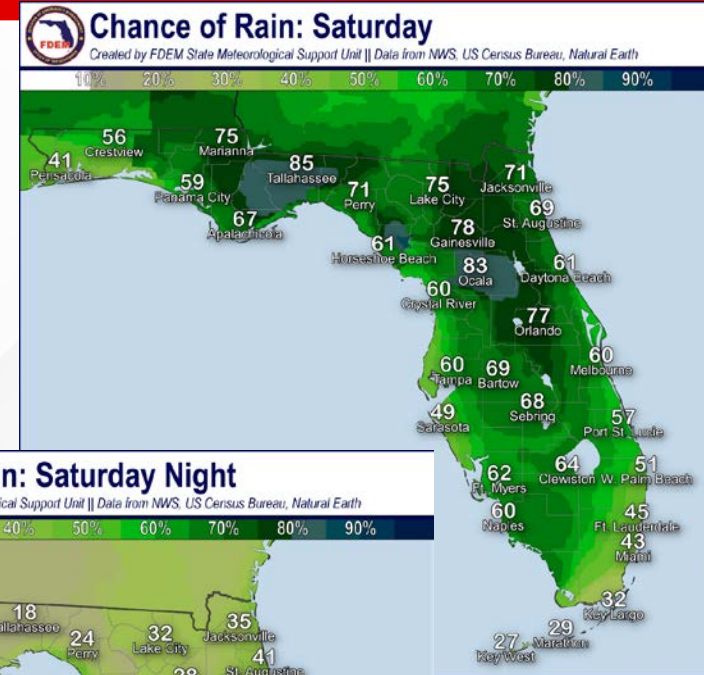
Meteorology Summary

Statewide Overview, Next 24 Hours:

Localized areas of **patchy fog** and **low clouds** will linger into the early-to-mid morning hours across portions of North and Central Florida this morning before dissipating. High pressure building in and anonymously high moisture remaining in place will give way to another day of sea breeze showers and thunderstorms across the state (50-85% chance of rain). Sufficient daytime heating will follow the dissipating of fog and low clouds and give way to scattered to numerous showers and thunderstorms along the coastlines statewide this afternoon, moving inland with the sea breezes throughout the day. Lighter winds will allow the East Coast sea breeze to move further inland this afternoon, allowing activity to favor more inland areas as the Gulf and Atlantic Coast sea breezes collide over the interior Peninsula. While severe weather is not expected, a **few strong to severe thunderstorms** producing frequent lightning, gusty winds (40-60 mph), and heavy downpours will be possible during the peak heating hours of the day. Abundant moisture giving way to heavy downpours and slow-moving or training showers and storms may result in instances of **localized flooding** across urban and low-lying/poor drainage areas.

High temperatures will reach the upper 80s to middle 90s with **heat indices**, or feels like temperatures, rising into the **triple digits (100-110)** nearly statewide. Portions of the Eastern Peninsula will likely see slightly lower **heat indices (97-104)** as the sea breeze works to keep conditions cooler. **Heat Advisories** are in effect across South Florida through this afternoon as **heat indices** are expected to reach **up to 110-degrees**. These advisories may be expanded further northward towards Lake Okeechobee this afternoon should the sea breezes develop later than expected. Despite no organized risk elsewhere, **Heat Advisories** may be issued later this morning for portions of North Florida as localized areas will likely reach or exceed **Heat Advisory criteria (up to 113-degrees)**. *Remember to take frequent breaks from outdoor activities, wear light clothing, and drink plenty of water.*

Scattered showers and thunderstorms will generally continue through the evening hours and early overnight hours before dissipating by or just after midnight as they follow the sea breeze back towards the coast (15-40% chance of rain). Weak onshore flow may allow for a few showers or an isolated thunderstorm along the coast overnight. Low temperatures will remain in the middle to upper 70s nearly statewide with low to middle 80s along the Southeast Coast and Keys. Localized areas of **patchy fog** and **low clouds** may be possible across portions of the state overnight and early Sunday morning.





Tropical Weather

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

Tropical Storm Beryl: As of 5:00 AM EDT, the center of Tropical Storm Beryl was located about 890 east-southeast of Barbados and moving westward at 21 mph. A relatively quick westward to west-northwestward motion is expected during the next few days. On the forecast track, the system is expected to move across the Windward Islands late Sunday night and Monday. Maximum sustained winds are near 50 mph with higher gusts, and additional steady to rapid strengthening is expected during the next couple of days. Beryl is expected to become a hurricane tonight or Sunday. *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: A broad area of low pressure is forecast to form over the Bay of Campeche tonight or early Sunday, where conditions appear generally conducive for further development. A tropical depression could form before the system moves inland again early next week over Mexico. Interests along the Gulf coast of Mexico should monitor the progress of this system. Regardless of development, heavy rainfall associated with the area of low pressure will affect portions of Central America and Mexico through early next week. *This system poses no direct threat to Florida.*

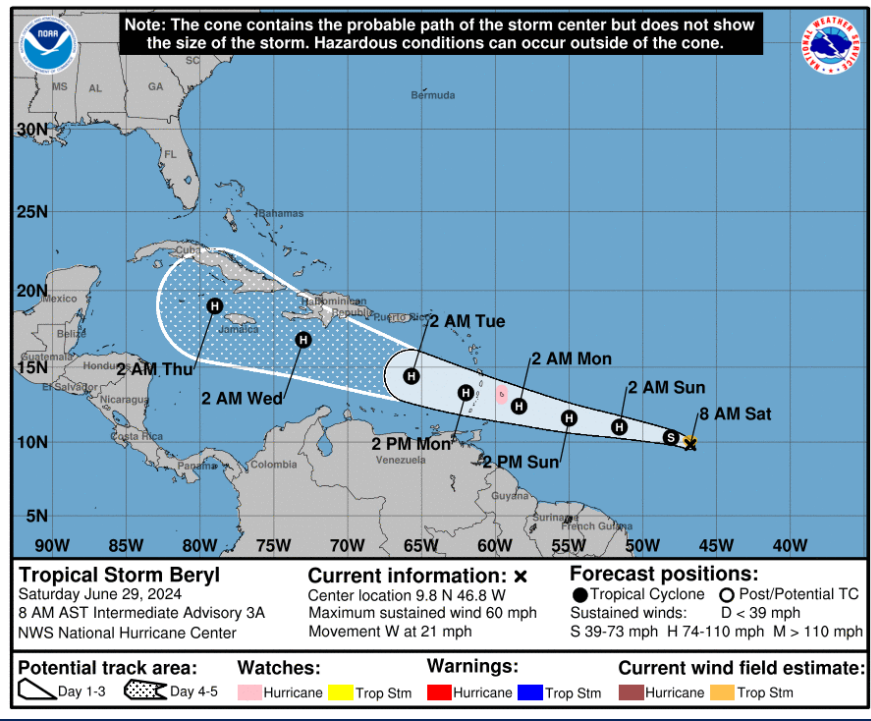
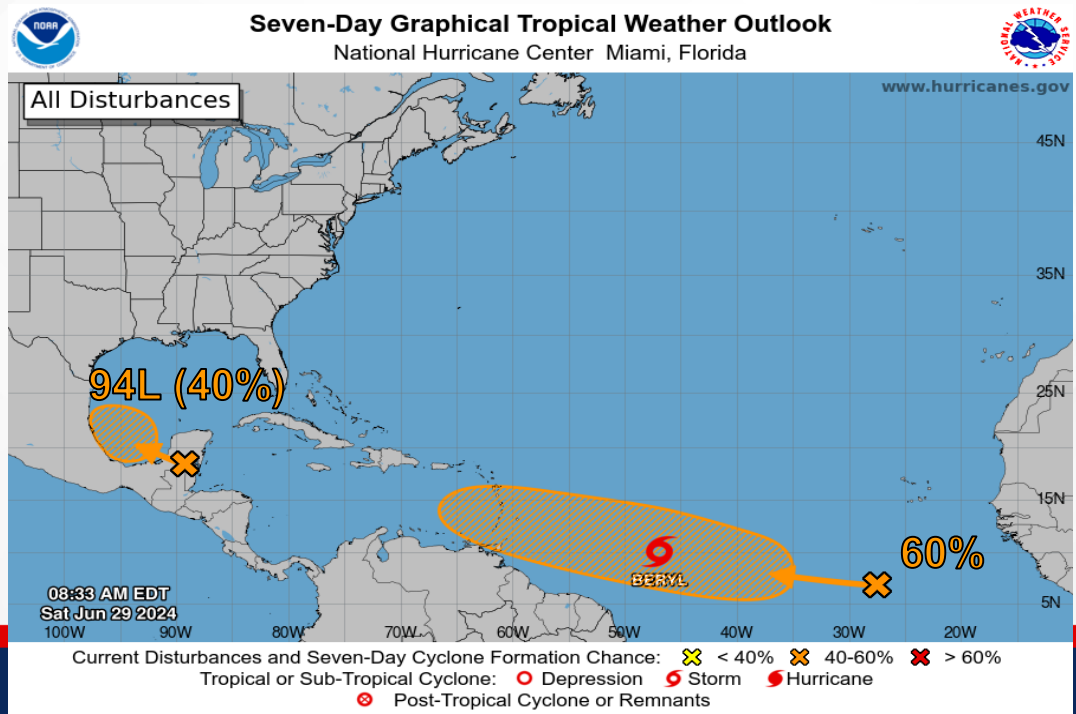
*Formation chance through 48 hours...**medium...40%**.

*Formation chance through 7 days...**medium...40%**.

Eastern Tropical Atlantic: A tropical wave located several hundred miles southwest of the Cabo Verde Islands is producing an area of disorganized showers and thunderstorms. Environmental conditions appear conducive for additional development of this system, and a tropical depression could form by the middle of next 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...**low...20%**.

*Formation chance through 7 days...**medium...60%**.





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 Gulf County state park beaches. 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.

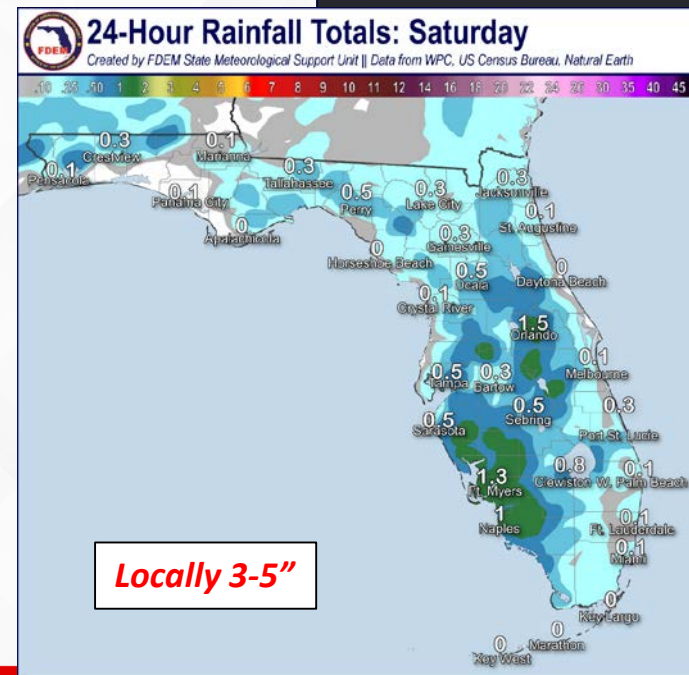
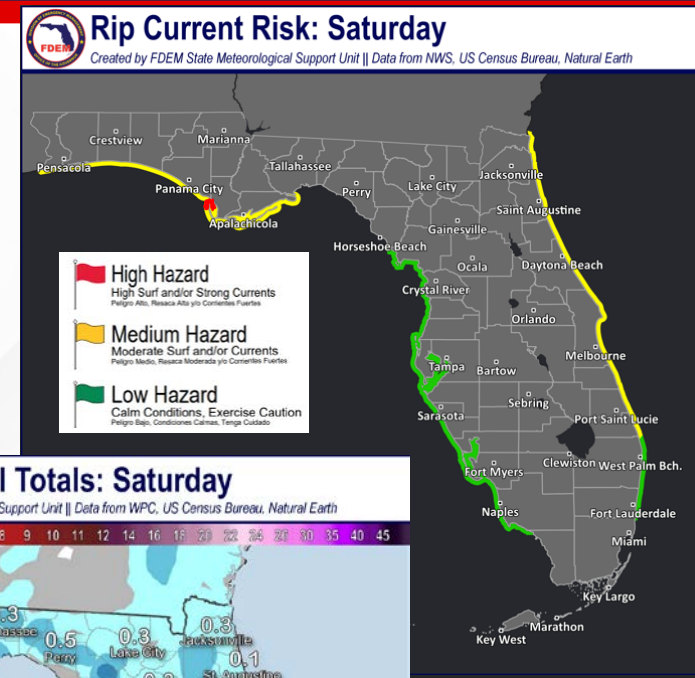
Red Tide has not been observed at or above background levels over the past week (as of 6/28).

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

Flash Flooding: High pressure building in over the state and anonymously high moisture remaining in place will give way to another day of scattered to numerous sea breeze showers and thunderstorms across the state. Lighter south-southeasterly winds across the Peninsula will allow the East Coast sea breeze to move further inland, allowing activity to favor more inland areas. Multiple rounds of rainfall, with heavy downpours possible, could bring **localized flooding** and **ponding of water** statewide throughout the afternoon and evening hours. Any slow-moving or training showers and thunderstorms over the same areas, or over urban and low-lying/poor drainage areas, could lead to **instances of localized flooding** at times. **Nuisance to localized flash flooding** will be possible. Rainfall totals of 1-2" can be expected, with **locally higher totals** upwards of 3-5" possible.

Riverine Flooding: Water levels along [Bruce Creek near Redbay](#) have risen into Action Stage (bank-full) following heavy rainfall across portions of the Florida Panhandle this week. All other Florida rivers, creeks, and waterways are below flood stage. Additional water level rises are possible along Florida rivers, creeks, and waterways with additional rounds of rainfall across the state. Riverine flooding is not expected at this time. There are no additional riverine concerns. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 13.42 feet, which is within the operational band and 0.06 feet **above** normal for this time of year.





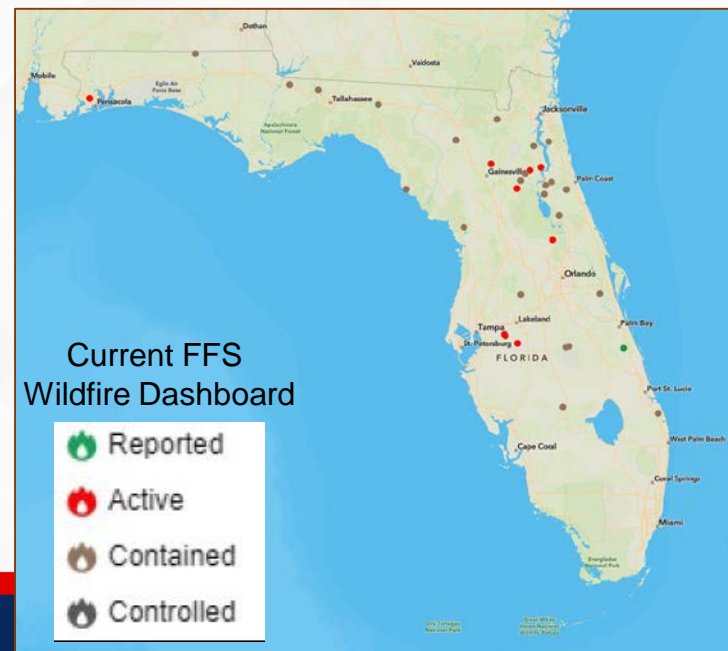
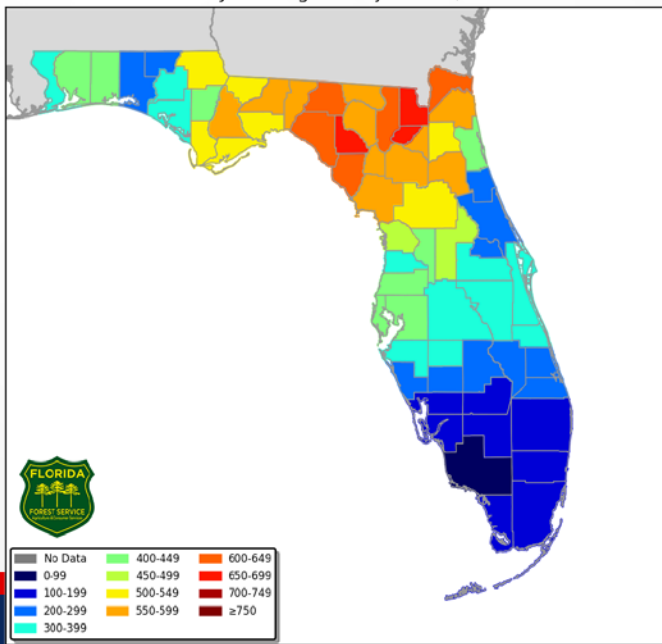
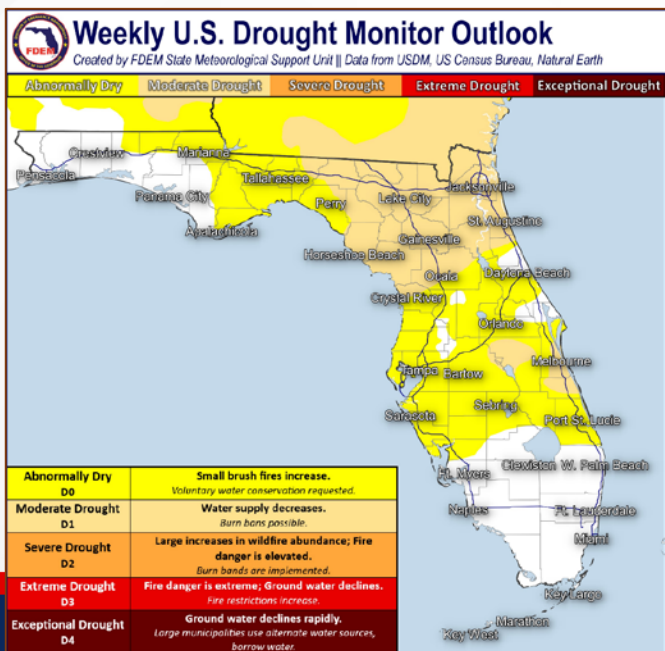
Drought & Fire Weather

Fire Weather: Abundant moisture will hold steady across the state helping to keep relative humidity values above critical thresholds throughout the day. High pressure building in over the state and anonymously high moisture remaining in place will give way to another day of scattered to numerous sea breeze showers and thunderstorms across the state. *Thunderstorms will be capable of producing frequent lightning and erratic winds.* Southerly to easterly winds will remain light throughout the day (5-10 mph), keeping wind gusts near 10-15 mph at times with 15-20 mph possible along immediate coastlines and the Keys. According to the [Florida Forest Service](#), there are 33 active wildfires across the state burning approximately 5,398 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 **381 (-7)** on a scale from 0 (very wet) to 800 (very dry). There are **26** Florida Counties (Alachua, Baker, Bradford, Clay, Columbia, Dixie, Duval, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Jackson, Jefferson, Lafayette, Leon, Levy, Liberty, Madison, Marion, Nassau, Putnam, Suwannee, Taylor, Union, and Wakulla) with an average KBDI over 500 (drought/increased fire danger).

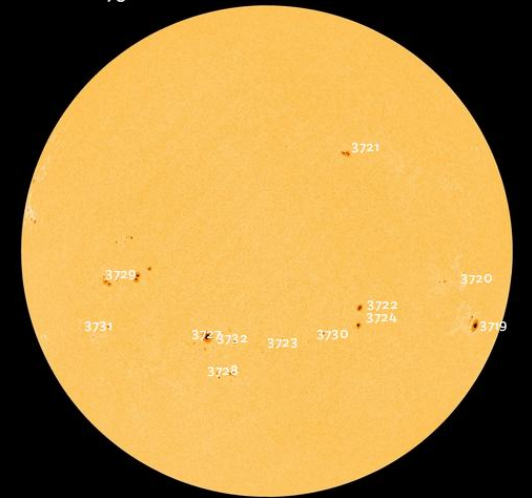
Keetch Byram Drought Index (KBDI)
County Averages for June 28, 2024





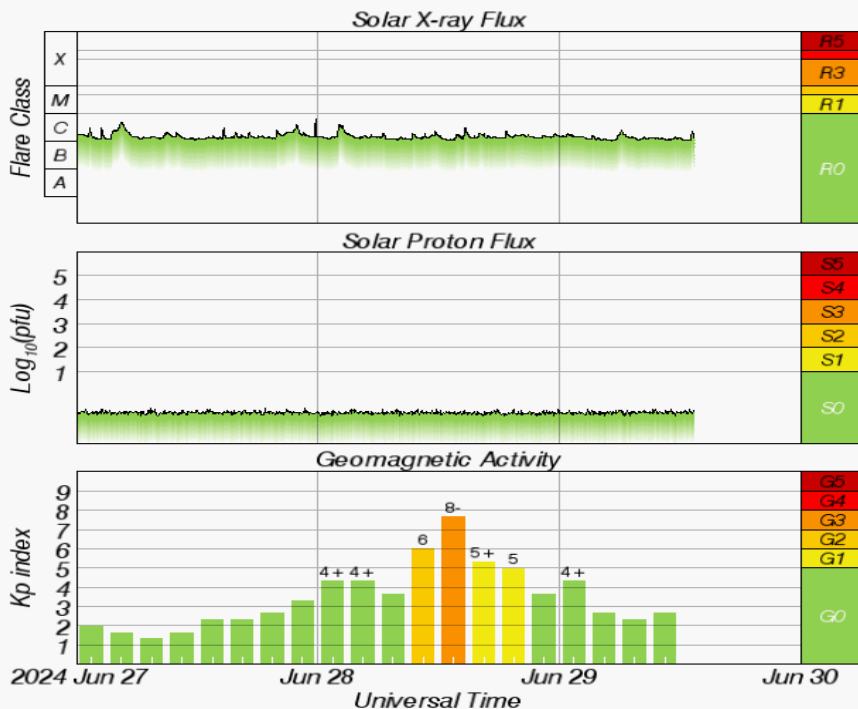
Space Weather

HMI Intensitygram



NASA SDO @ SpaceWeatherLive.com

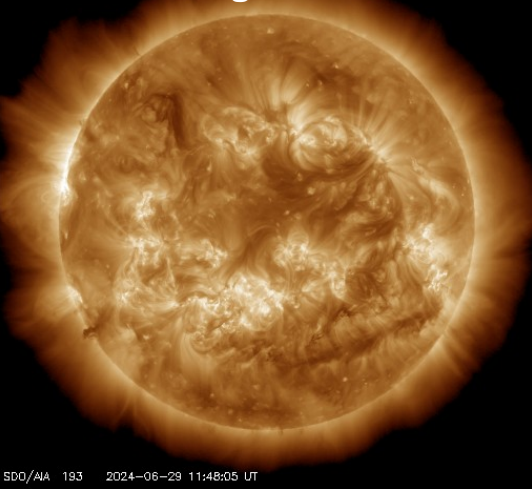
Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 50%	Geomagnetic Storm: G1 Watch (6/29)	C3 Solar Flare
X-class: 5%	Radiation Storm: None	No Radio Blackouts

48-Hour Geomagnetic Forecast	
6/29	6/30
Max Kp= 5 (G1)	Max Kp= 3 (G0)
Chance of minor activity = 30% severe activity = 10%	Chance of minor activity = 5% severe activity = 1%

Earth-facing Coronal Holes



Space Weather: Solar activity is expected to remain low with a chance for strong (M-class) this weekend and into next week. Minor to moderate (R1-R2) radio blackouts can be anticipated with any M-class flares that occur. CME-enhanced solar wind conditions are expected to continue into today with nominal levels likely to return Sunday. An additional solar wind enhancement is likely Monday due to the anticipated arrival of Coronal Mass Ejections (CMEs) that left the Sun on 6/26-27. A **Minor (G1) Geomagnetic Storm Watch** remains in effect today as periods of **G1 storming** are likely to continue into today due to residual enhancements following the passage of the 6/24 CME. Quiet and unsettled conditions are expected Sunday. Periods of active conditions are forecast Monday due to the late arrival of the 6/26-27 CMEs. 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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