



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Sunday, November 10, 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	Woody Harvey	(850) 591-7939	Woodham.Harvey@em.myflorida.com
Duty Officer	Ben Mauro	(850) 566-4904	Benjamin.Mauro@em.myflorida.com
Operations Officer- Day	Zachary Remante	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Kaya Dungey	(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	Connor Stolp	(850) 566-3044	Connor.Stolp@em.myflorida.com
Infrastructure Branch Director	Jacob Caprioni	(448) 229-2173	jacob.caprioni@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 Status
Region 2: Willie Bouie	In Region	On-Call Status
Region 3: Glen Hammers	In Region	On-Call Status
Region 4: James Carter	In Region	On-Call Status
Region 5: Austin Beeghly	In Region	On-Call Status
Region 6: Paul Siddall	In Region	On-Call Status
Region 7: Cristian Rivera	In Region	On-Call Status
Region 8: Mason Kozac	In Region	On-Call Status
Region 9: Theresa Hendry	In Region	On-Call Status
Region 10: Claudia Baker	In Region	On-Call Status



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	Off & Monitoring
Region 3: Patrick James	In Region	Off & Monitoring
Region 4: Joshua Saunders	In Region	Off & Monitoring
Region 5: Elizabeth Caison	Out of Region	Leave
RRCT Manager	In Region	Off & Monitoring
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	In Region	Off & Monitoring
Region 8: Ja-Pheth Butler-Miller	Out of Region	Leave
Region 9: Kathryn Thompson	Out of Region	Leave
Region 10: Dana McGeehan	In Region	Off & Monitoring

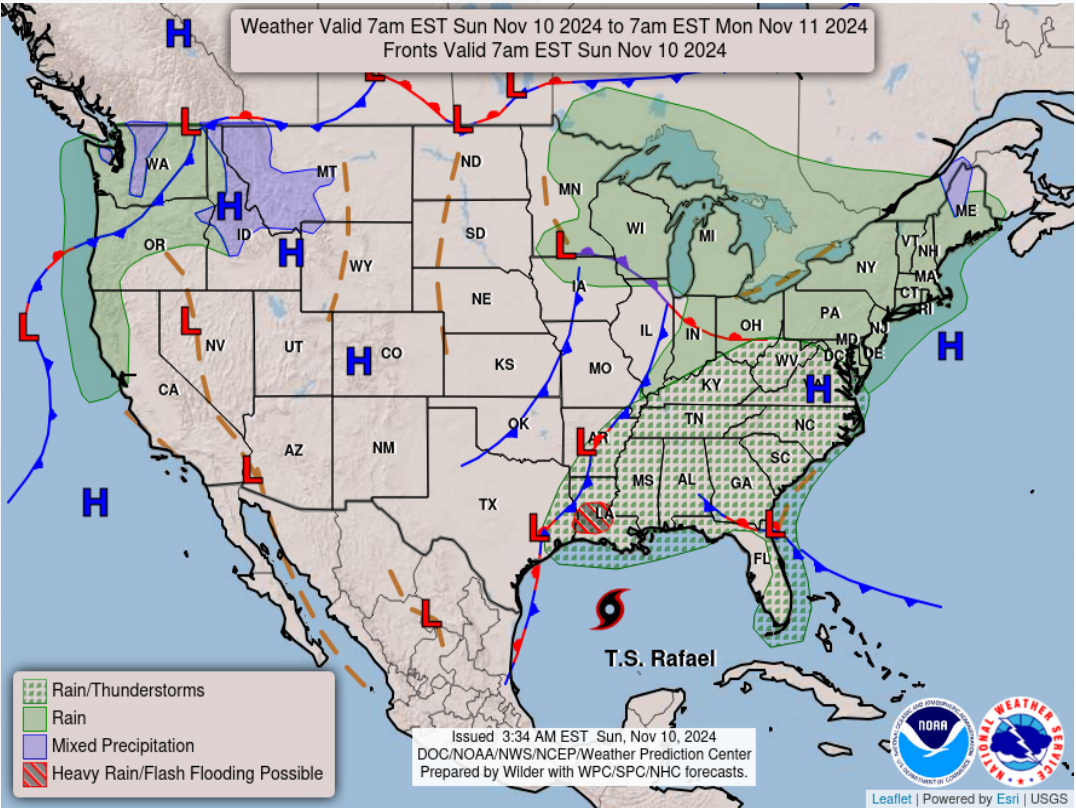
Region 5, 8 Coverage Provided by RRC 10

Region 6 Coverage Provided by RRC 6

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

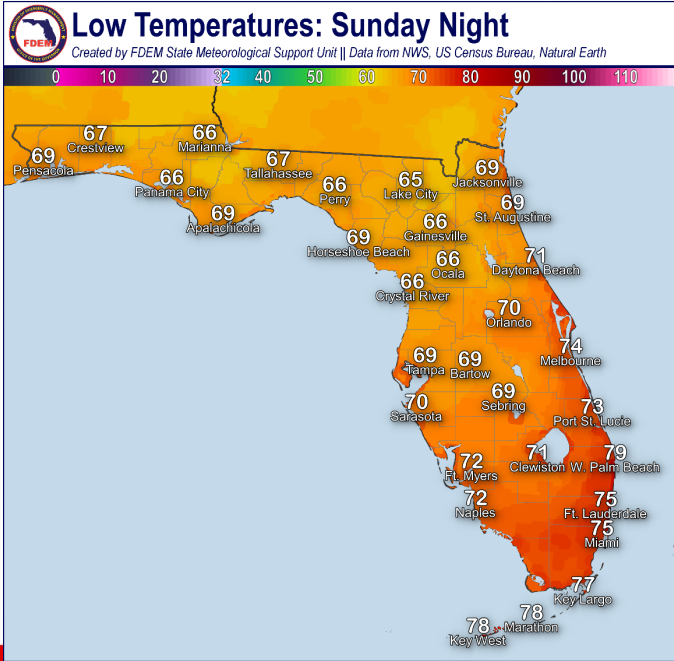
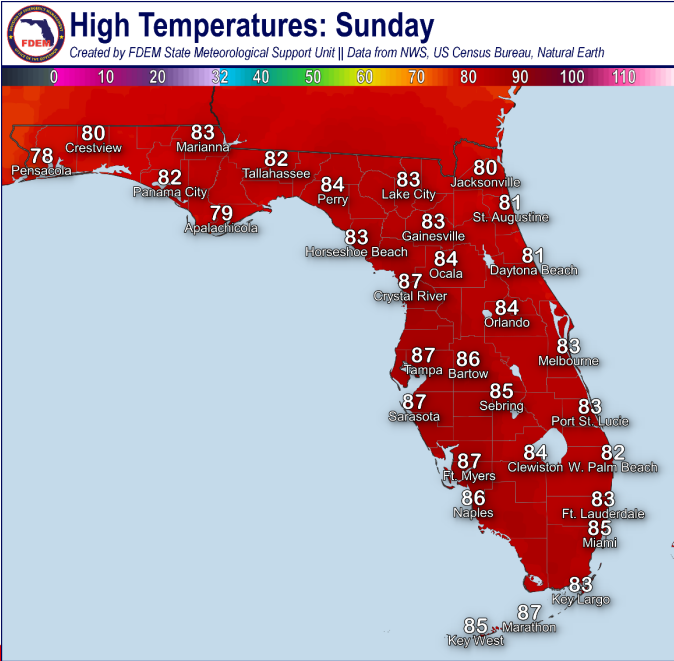


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	L									L
Tornado										
Damaging Wind										
Hail										
Flash Flooding										
Coastal Flooding										
Riverine Flooding				L	M	M				
Fog (Overnight)	L	L	L	L	L					
Rip Currents	H	H	L	H	H	L		H	L	H
Lake Okeechobee Elevation:	16.16 ft. (1.15 ft. Above Normal)									
Keetch-Byram Drought Index:	322 (+9) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

Statewide Overview, Next 24 Hours:

A stalled frontal boundary just offshore from Northeast Florida and near the coast is producing isolated to widely scattered showers this morning across along the just offshore from Northeast to East-Central Florida. High pressure over the eastern U.S. will continue to bring mostly dry conditions across West Florida, but a few light sprinkles or isolated showers may develop with the help of tropical moisture lingering around (10-20% chance of rain). Any of these showers that manage to develop will remain light and brief in nature. The greatest chance for showers and possible thunderstorms will be along the Florida East Coast with the help of onshore winds pushing activity inland from the Atlantic waters, then move westward to northwestward (20-50% chance of rain). Breezy wind gusts of 10-15 mph can be expected to develop across the state by this afternoon, with **stronger wind gusts of 20-25 mph** across portions of East-Central and Southeast Florida, especially near the coast.

Above normal high temperatures for this time of year can be expected to persist statewide reaching the 80s this afternoon. Tropical moisture will also make conditions feel muggy at times.

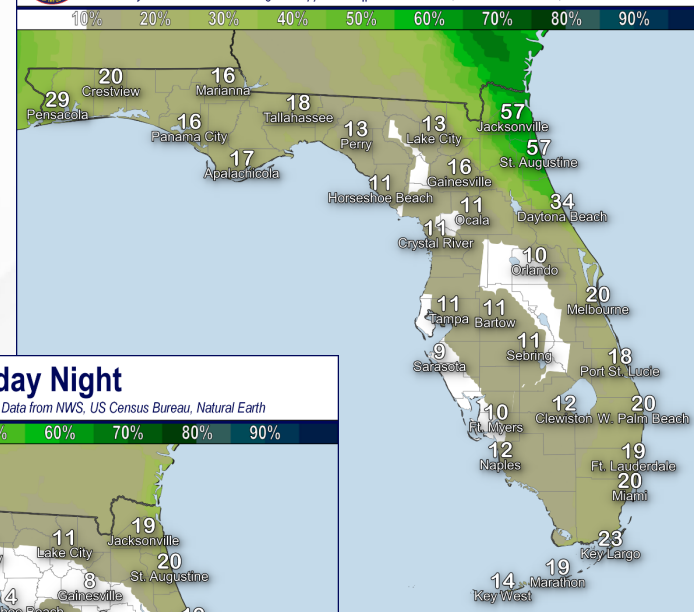
An upper-level feature moving over the far western Panhandle later this evening and into tonight will bring an uptick in shower and possible thunderstorm activity (20-35% chance of rain). Lingering showers will also continue to push onshore along the eastern Peninsula through the overnight hours, but overall, mostly dry conditions can be expected throughout much of the state. Moisture associated with a non-tropical upper-level area of low pressure will begin to arrival across Southeast Florida and the Keys overnight and into early Monday morning, allowing for additional isolated showers overnight with a possible isolated thunderstorm (20-30% chance of rain). As calm winds return overnight and moisture lingers, areas of **patchy to locally dense fog** will develop across much of North Florida and extend southward along the lower Suwannee Valley and the I-75 corridor.

Low temperatures will remain in the middle to upper 60s across North Florida, low 70s across Central Florida and middle to upper 70s across South Florida and the Keys.



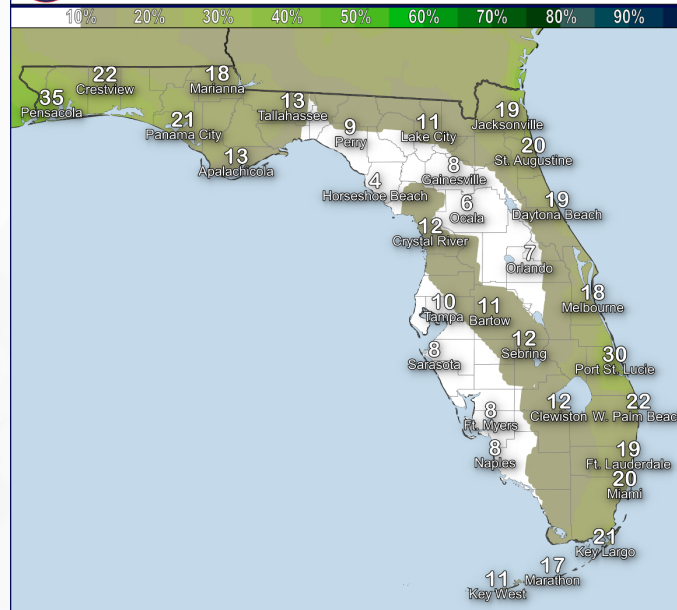
Chance of Rain: Sunday

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



Chance of Rain: Sunday Night

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





Tropical Weather

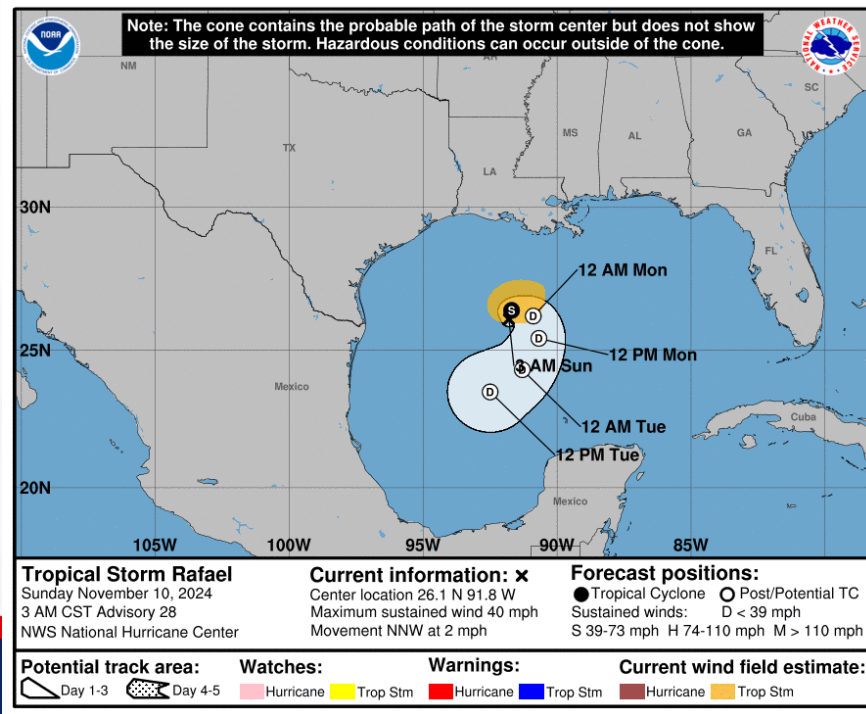
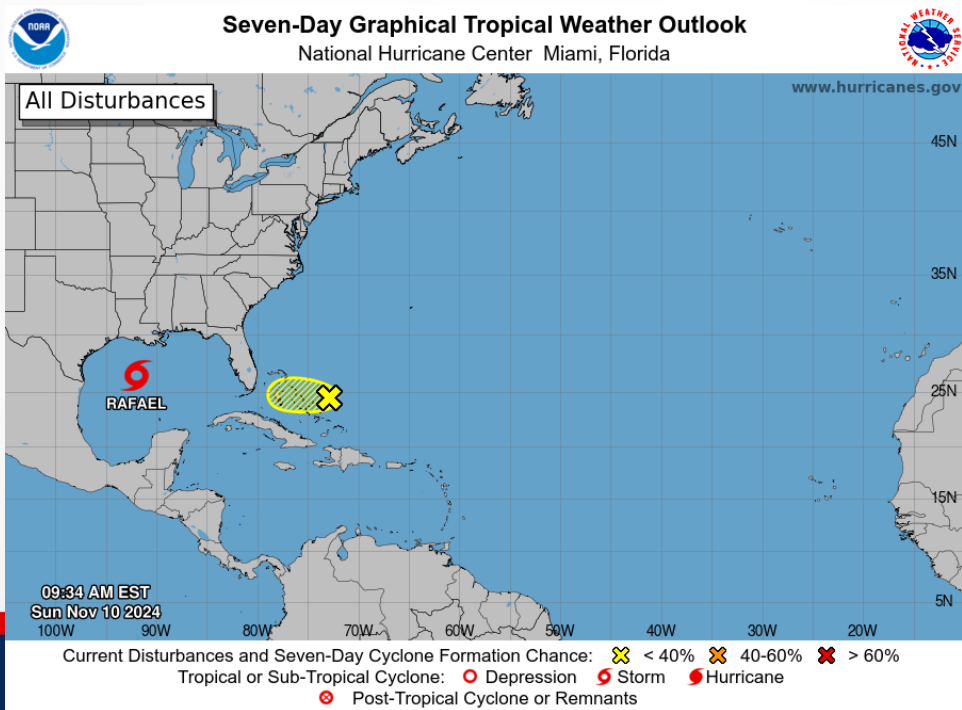
For the latest on the tropics, please visit the National Hurricane Center (NHC) at www.hurricanes.gov.

Tropical Storm Rafael: As of 4:00 AM EST, Rafael is located about 355 miles north-northwest of Progreso, Mexico and moving north-northwestward at 2 mph. The storm is expected to meander over the central Gulf of Mexico through tonight, then turn toward the south and south-south-west on Monday and Tuesday. Maximum sustained winds have decreased to near 40 mph with higher gusts. Weakening is expected through early next week, and Rafael is forecast to degenerate to a post-tropical remnant low by Monday. *Swells generated by Rafael are likely to cause life-threatening surf and rip current conditions along the Gulf Coast for the next few days.*

Near the Bahamas (Invest 98L): Disorganized showers and thunderstorms have decrease in areal coverage since yesterday near an upper-level area of low pressure located less than a couple hundred miles east of the central Bahamas. Development is becoming less likely as the system is forecast to reach more unfavorable conditions later today. Regardless of development, locally heavy rains and gusty winds are possible as the system moves generally westward across the Bahamas through tonight. *Regardless of development, an increase in rain chances can be anticipated across portions of the Peninsula late this weekend into early next week.*

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

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





Coastal Hazards & Hydrology

Rip Currents: A **high risk for rip currents** continues nearly statewide today due to breezy winds and dangerous ocean swells. A low risk for rip currents has returned to the Florida West Coast. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: **Hazardous beach and boating conditions** persist along portions of Florida's coastlines due to ongoing breezy winds and ocean swells. **High Surf Advisories** remains in effect along the far western Panhandle as ocean swells from distant Rafael maintain **large breaking waves around 5'** in the surf zone today. All other Panhandle beaches can anticipate ocean swells of 2-4' throughout the day. **Ocean swells of 5-8'** will return across the Atlantic beaches today, and additional **High Surf Advisories** may be needed later today.

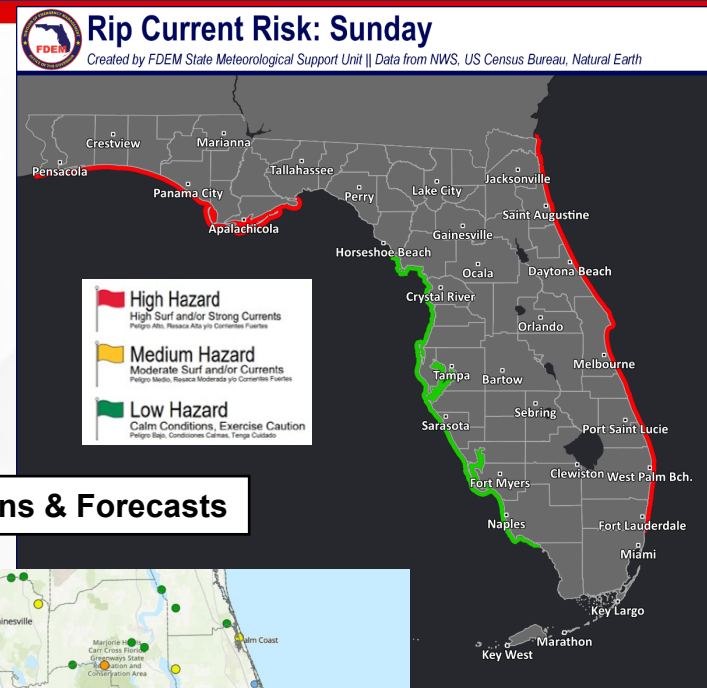
Red Tide has been observed in **56** samples collected from Florida's Gulf Coast over the past week (as of 11/6). Background to **low concentrations** were observed in Pinellas County with **very low to low concentrations** in Manatee County, background to **low concentrations** in Sarasota, Charlotte, and Lee Counties, and background concentrations in one sample collected from Collier County. Background and **very low concentrations** of Red Tide were also observed in Franklin County. Satellite imagery continues to show offshore and alongshore patches of elevated chlorophyll; however, cloud cover across much of Southwest Florida has allowed for only spotty coverage over the past few days. Confirmatory offshore sampling was not possible over the past week due to weather. **Fish kills and respiratory irritation** suspected to be related to red tide were reported in Pinellas, Sarasota, Charlotte, and Lee Counties.

Coastal Flooding: There is no organized risk for coastal flooding today; however, **elevated tides** will may be possible along portions of the far western Panhandle due to distant Rafael and elevated surf. Instances of **minor beach erosion** may be possible near or during times of high tide. Persistent onshore winds along the tidal St. Johns River may allow for stalling of discharge leading to elevated water levels near or during high tide.

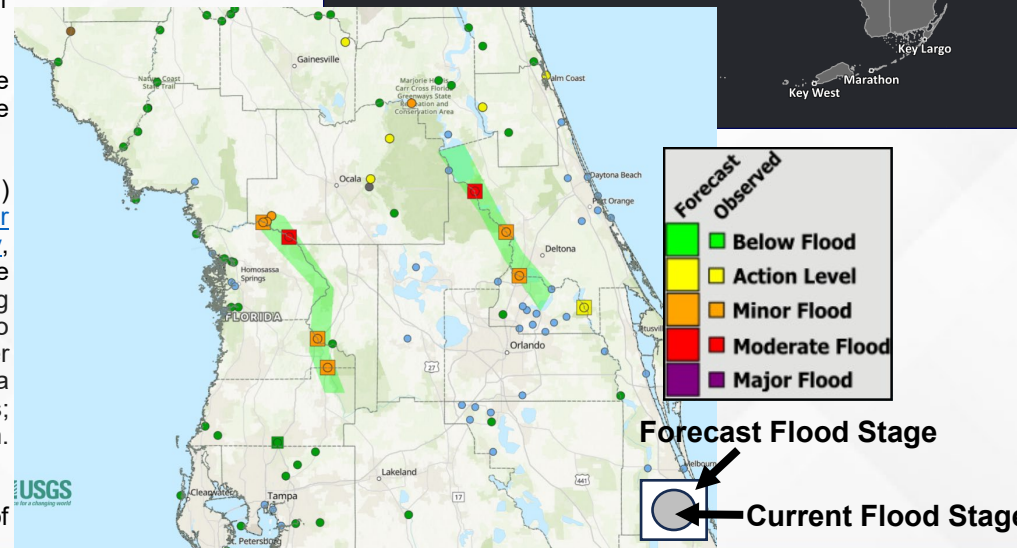
Flash Flooding: There is no organized risk for flash flooding today. Rainfall totals are forecast to remain below an inch today across the state, with the heaviest rainfall remaining offshore. Any showers or thunderstorms that develop and bring heavier rainfall onshore may be capable of producing a quick 1-2" locally along the Florida East Coast or far western Panhandle.

Riverine Flooding: **Minor to moderate riverine flooding** is ongoing for portions of the Withlacoochee River (in West-Central Florida) and the St. Johns River in response to Hurricane Milton. **Moderate flooding** is ongoing along the and the [Withlacoochee River near Holder at SR-200](#) and [St. Johns River at Astor](#). **Minor Flooding** continues along the Withlacoochee River ([at US-301 Trilby, at Croom](#) and [at US-41 Dunnellon](#)), St. Johns River ([near Deland](#), [near Sanford](#)). Water levels along upper portions of the Withlacoochee River have crested and are seeing water levels gradually fall and lower portions of the river have crested and are holding near steady or very slowly falling. The [St. Johns River above Lake Harney](#) has fallen below flood stage, and water levels will continue to decline. The St. Johns River will see water levels continue to slowly fall as weaker as trapped tides within the tidal portions of the river continue to discharge. With persistent onshore winds along the lower St. Johns River, discharge rates will slow down. North Florida rivers and waterways are forecast to remain below flood stage at this time despite the additional rainfall observed over the last few days; however, streamlevel rises are expected and will have to monitored as heavy rainfall across the Georgia headwaters filters downstream. For more information, visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 16.16 feet, which is within the operational band and 1.15 feet above normal for this time of year.



River Observations & Forecasts





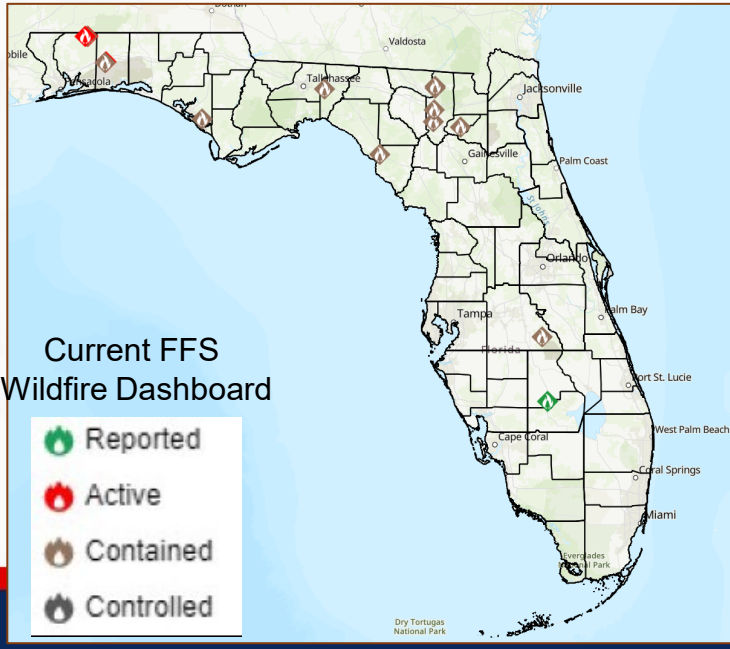
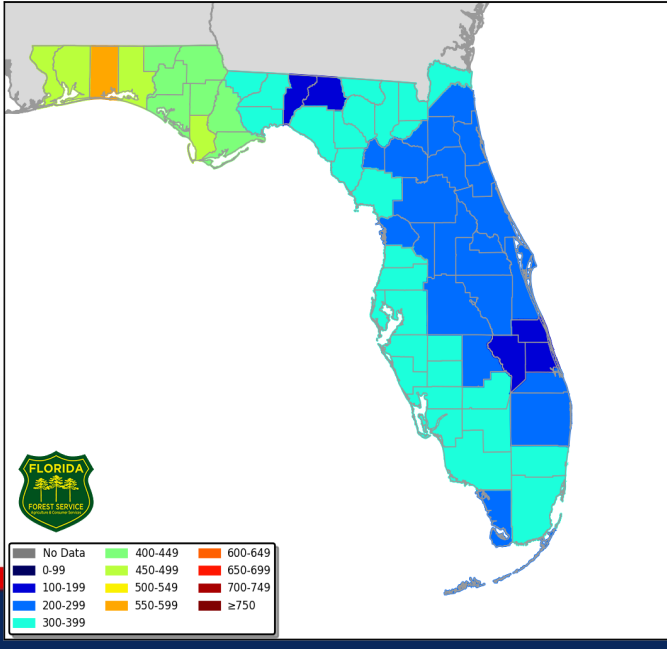
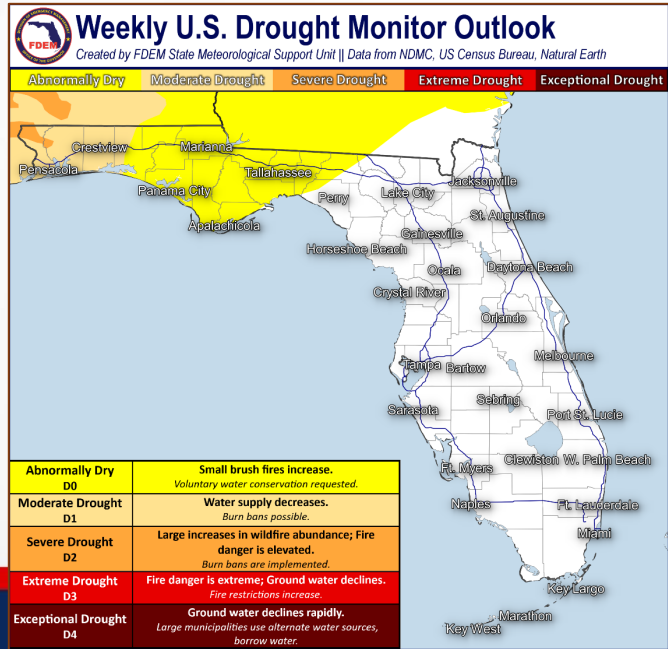
Drought & Fire Weather

Fire Weather: Relative humidity values will remain well above critical thresholds across the state as easterly to southeasterly winds near 5-10 mph persist. Wind gusts of 10-15 mph can be expected to develop by this afternoon, with **stronger wind gusts of 20-25 mph** across East-Central and Southeast Florida. Isolated to scattered showers and thunderstorms can be expected to develop along the eastern Peninsula and move northwestward throughout the day, while more scattered to widespread activity will develop along the western Panhandle. *Thunderstorms may be capable of producing frequent lightning and erratic winds.* Areas of **patchy to locally dense fog** will likely develop overnight or early Monday morning across most of North Florida and extend into the lower Suwannee Valley and along the I-75 corridor. *Foggy conditions may further reduce visibility where there are ongoing wildfires.* According to the [Florida Forest Service](#), there are 15 active wildfires across the state burning approximately 78 acres.

Drought: Mostly dry conditions and above-normal temperatures along the Florida Panhandle over the past week have led to expanding and worsening drought conditions on this week's Drought Monitor update (11/7). **Moderate Drought conditions** have expanded across the Western Panhandle and **Severe Drought conditions** in the Northwestern Panhandle while Abnormally Dry (*emerging drought*) conditions remain in place through the rest of the Florida Panhandle towards the I-75 corridor. Slightly above normal rainfall outlooked over the next week or so may help provide some relief from worsening drought conditions.

The Keetch-Byram Drought Index average for Florida is **322 (+9)** on a scale from 0 (very wet) to 800 (very dry). There is one Florida County (Okaloosa) with an average KBDI over 500 (drought/increased fire danger).

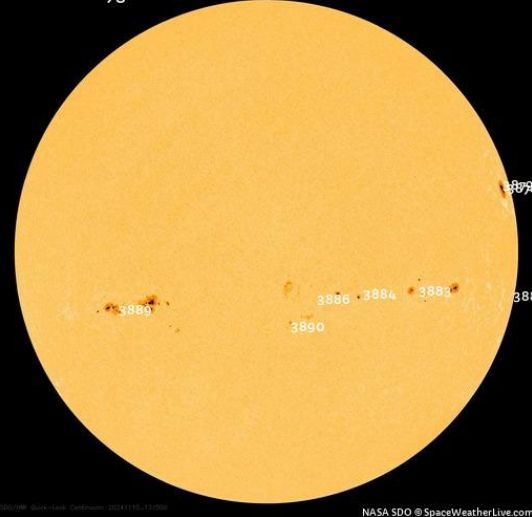
Keetch Byram Drought Index (KBDI)
County Averages for November 09, 2024





Space Weather

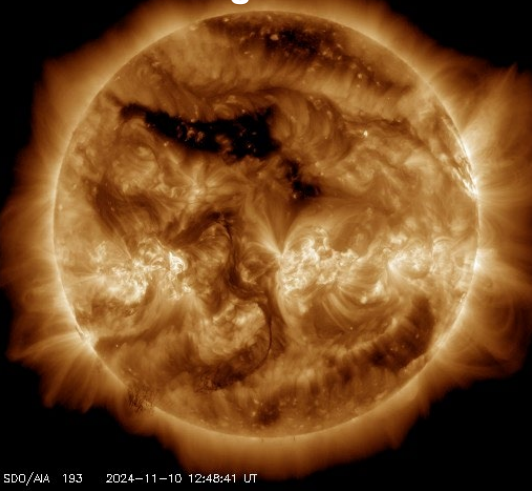
HMI Intensitygram



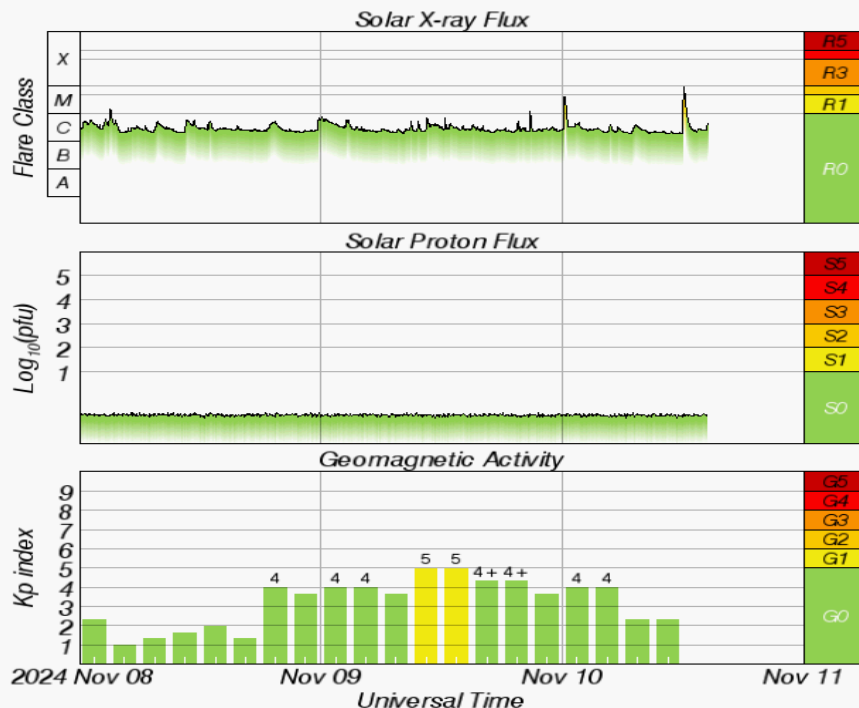
NASA SDO @ SpaceWeatherLive.com

Current Sunspots

Earth-facing Coronal Holes



SDO/AIA 193 2024-11-10 12:48:41 UT



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 70%	Geomagnetic Storm: None	M9 Solar Flare
X-class: 20%	Radiation Storm: None	R2 Radio Blackouts

48-Hour Geomagnetic Forecast	
11/10	11/11
Max Kp= 4 (G0)	Max Kp= 4 (G0)
Chance of minor activity = 20% severe activity = 5%	Chance of minor activity = 15% severe activity = 1%

Space Weather: Moderate solar activity can be expected to continue with a chance for strong (M-class) solar flares and a slight chance for significant (X-class) solar flares. Solar flares #3883 and #3889 both contain unstable magnetic fields that are capable of producing X-class solar flares. Minor to moderate (R1-R2) radio blackouts can be expected with M-class solar flares and strong (R3) radio blackouts can be expected with X-class solar flares. Coronal Hole High Solar Stream (CH HSS) conditions will continue to create unsettled solar wind conditions over the next couple of days. With the active solar flares spots, there is a chance for minor (S1) solar radiation storms to develop as well. The Earth's geomagnetic field is likely to reach active conditions; however, minor (G1) geomagnetic storming is not anticipated. Quiet to unsettled levels should return by Tuesday. 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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