



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Saturday, November 9, 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	Jeremy Whitt	(850) 755-8521	Jeremy.Whitt@em.myflorida.com
Operations Officer- Day	Daniel Leader	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Jay Griffin	(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	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	Orange, Seminole	Electric Daisy Carnival Event / 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	Indian River, In Region	Indian River Active Shooter Exercise / 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

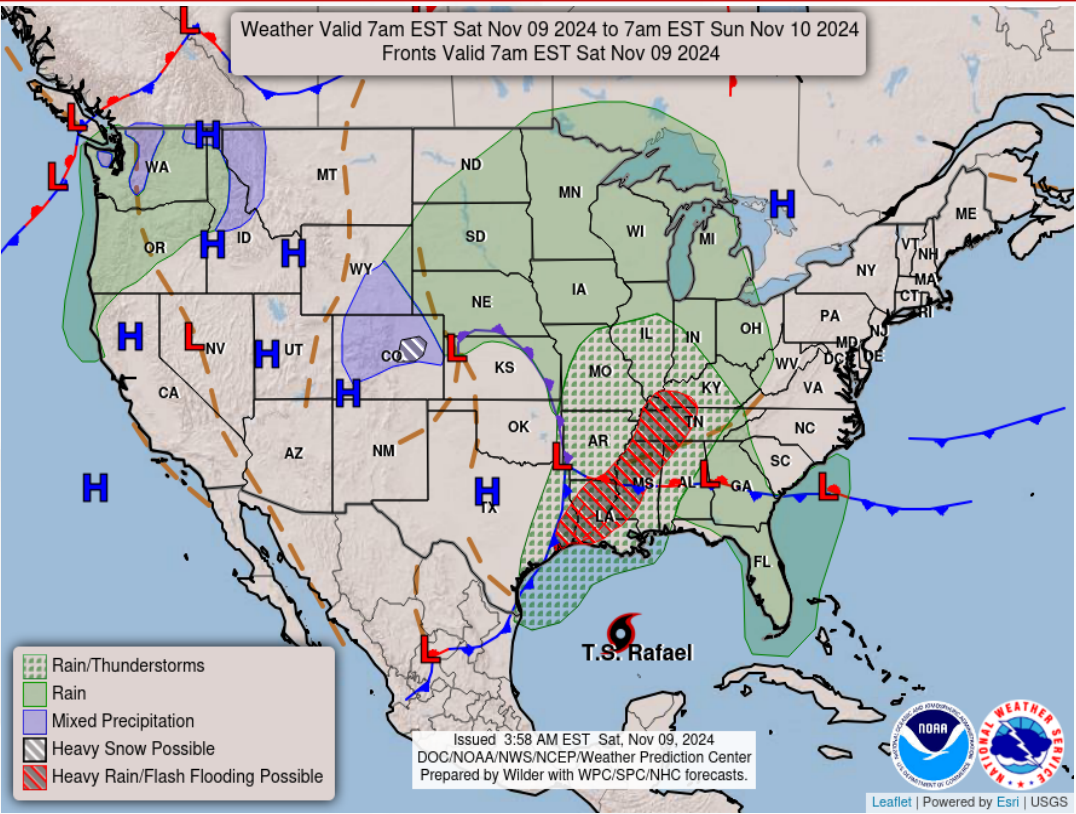
Region 5, 8 Coverage Provided by RRC 10

Region 6 Coverage Provided by RRC 6

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

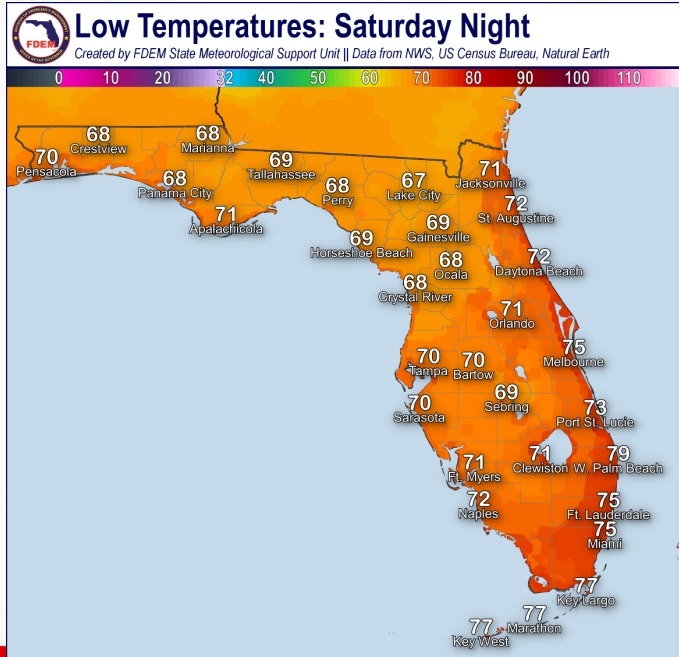
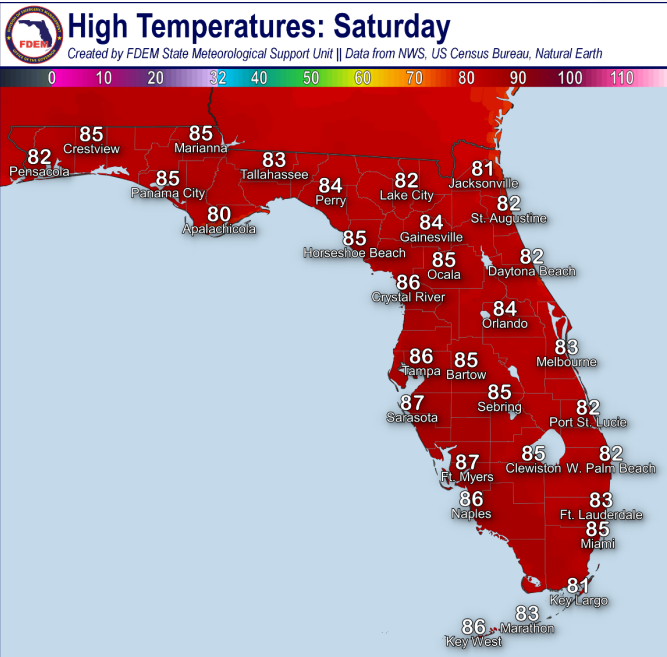


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning										
Tornado										
Damaging Wind										
Hail										
Flash Flooding										
Coastal Flooding										
Riverine Flooding				L	M	M				
Fog (Overnight)										
Rip Currents	H	H	M	H	H	H		H	H	H
Lake Okeechobee Elevation:	16.16 ft. (1.13 ft. Above Normal)									
Keetch-Byram Drought Index:	313 (+6) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

Statewide Overview, Next 24 Hours:

High pressure centered over the Northeastern U.S. and extending southward along the Eastern U.S. will begin to slowly shift eastward into the western Atlantic today allow an abnormally moist airmass to remain in place over the state. A stalled frontal boundary to the north is expected to shift southward to the Florida-Georgia state line, likely allowing for isolated to widely scattered showers to develop across North Florida throughout the day (10-35% chance of rain). Activity along the Florida Panhandle is expected to remain light and brief while some locally heavier showers may be possible along Northeast Florida this afternoon. Lingering moisture and breezy onshore winds along the East Coast will also give way to isolated showers, developing along the coastline and moving well inland across the Peninsula during the peak heating hours of the day (5-20% chance of rain).

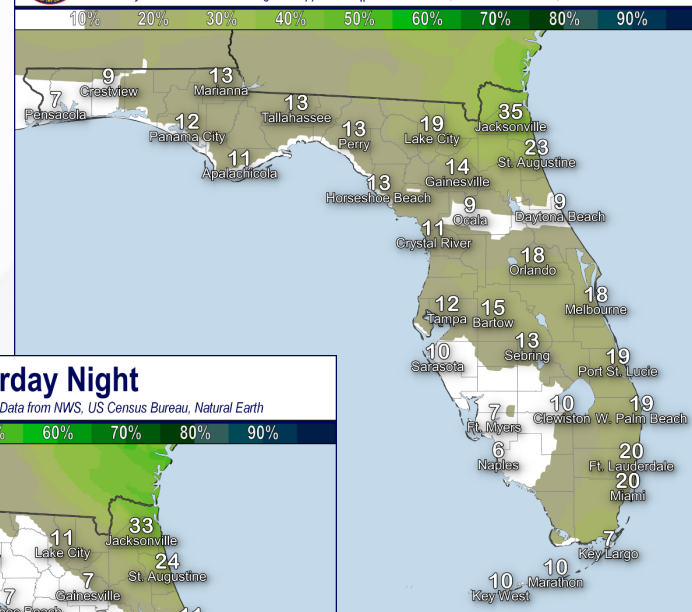
Breezy easterly winds near 5-15 mph will persist along the Peninsula and Keys with **gusts reaching near 15-25 mph**. High temperatures will remain unseasonably warm, rising back into the low to middle 80s across the state with portions of the Western Peninsula reaching into the upper 80s. **Heat index values** will approach or reach the **low 90s** across portions of the Big Bend, Western Peninsula, and Keys late this afternoon. *Please continue to practice heat safety when working out in the field during recovery efforts. Remember to take breaks from direct sunlight and drink plenty of water.*

Isolated to widely scattered showers will persist across Northeast Florida overnight as a cold front sinks into the region (10-35% chance of rain). Mostly dry conditions will return across the rest of the state through the overnight hours with a few isolated showers lingering along the Western Panhandle, Southeast Florida, and Keys into the overnight hours (10-25% chance of rain). Low temperatures will remain warm in the upper 60s to low 70s across North Florida, low to middle 70s across Central and South Florida, and upper 70s along the Keys. Localized areas of **patchy to locally dense fog** will be possible across the portions of North Florida and the Western Peninsula overnight into the early morning hours Sunday where calmer conditions prevail.



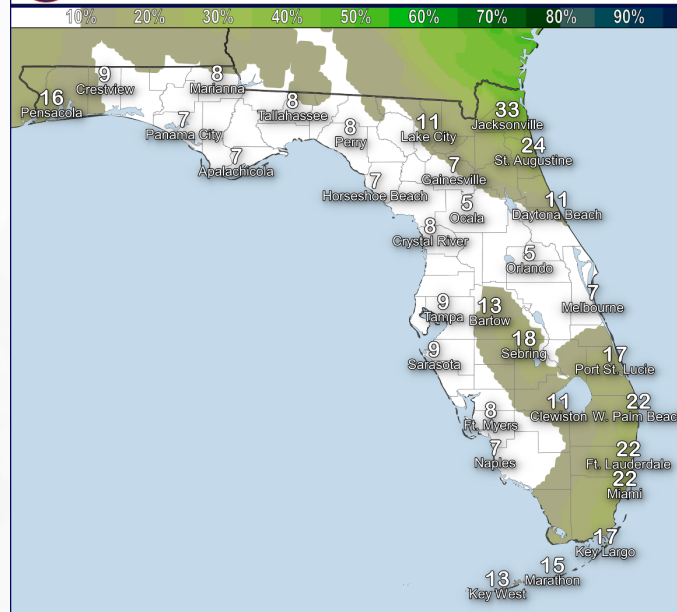
Chance of Rain: Saturday

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



Chance of Rain: Saturday Night

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





Tropical Weather

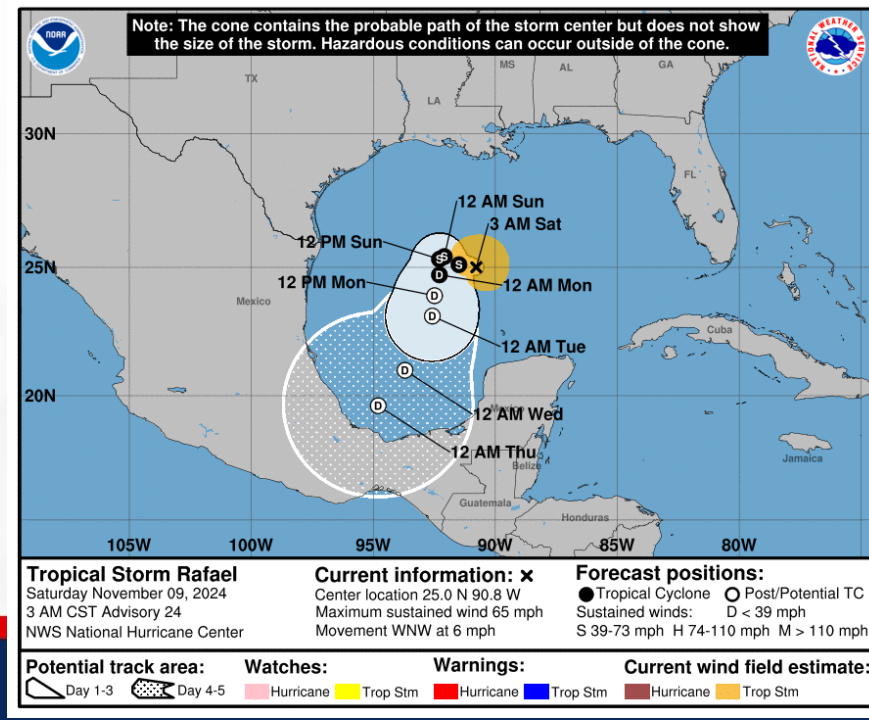
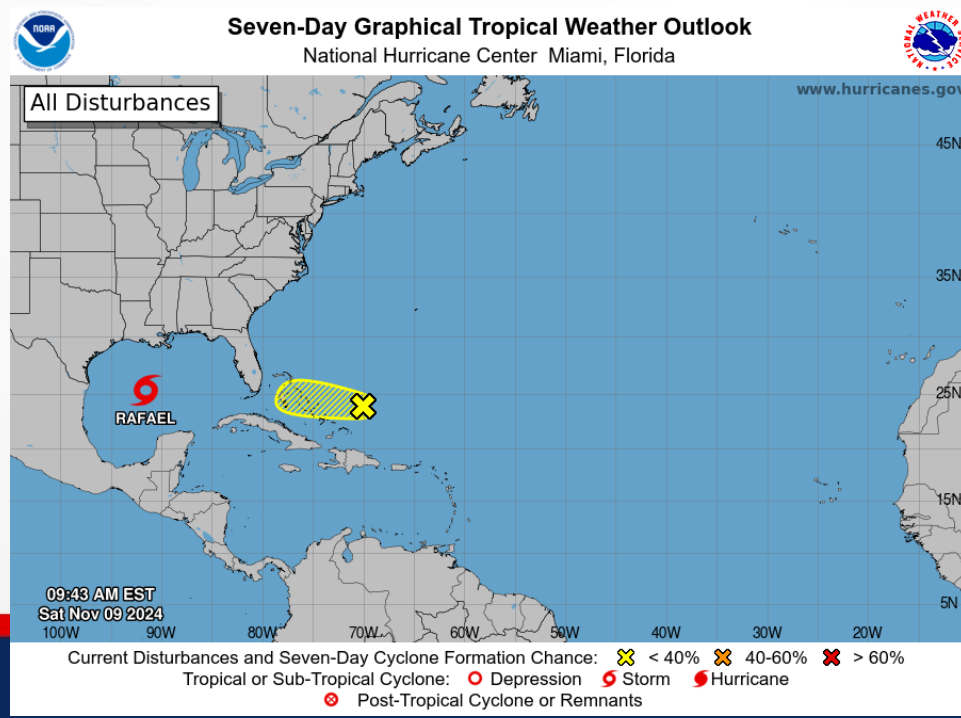
For the latest on the tropics, please visit the National Hurricane Center (NHC) at www.hurricanes.gov.

Tropical Storm Rafael: As of 4:00 AM EST, Rafael is located about 265 miles north-northwest of Progreso, Mexico and about 405 miles east of the mouth of the Rio Grande and moving west-northwestward at 6 mph. This motion is expected through today. After that, Rafael is likely to move slowly south-southwestward toward the southwestern Gulf of Mexico through early next weekend. Maximum sustained winds have decreased to near 65 mph. Steady weakening is expected during the next few days. *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: A trough of low pressure located a couple of hundred miles east of the central Bahamas is producing disorganized showers and thunderstorms. Development, if any, of this system should be slow to occur during the next day or two while it moves westward to west-northwestward. *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 ocean swells with a **moderate risk** along the Nature 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 Wester Panhandle as ocean swells from distant Hurricane Rafael maintain **large breaking waves around 5'** in the surf zone today. **Wave heights** will remain **near 3-5'** along Florida's Atlantic Coast today with **locally higher 6' breaking waves** possible along the Atlantic-facing Keys. **2-4' waves** are forecast to persist the West Coast of Florida.

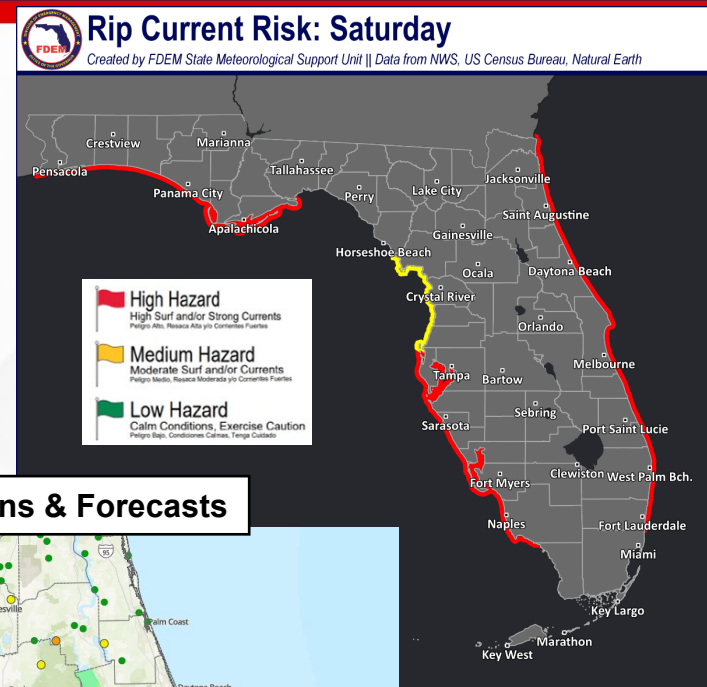
Red Tide has been observed in **56** samples collected from Florida's Gulf Coast over the past week (as of 11/6). Background to **low concentrations** were observed in Pinellas County with **very low to low concentrations** in Manatee County, background to **low concentrations** in Sarasota, Charlotte, 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 likely persist near and at times of high tide along Florida's coastlines as ocean swells in the Gulf of Mexico from distant Tropical Storm Rafael continue to impact the coastlines and breezy onshore winds persist along the East Coast continue.

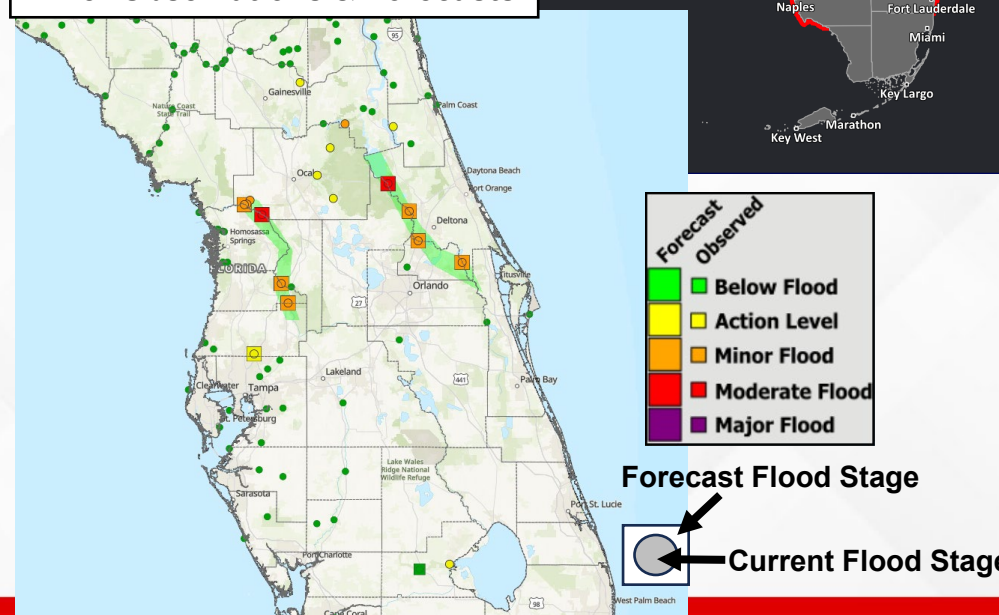
Flash Flooding: Flash flooding is not expected today. Isolated to widely scattered showers and thunderstorms can be expected across North Florida throughout the day as high pressure maintains an abnormally moist airmass over the state and a stationary frontal boundary shifts southward to the Florida-Georgia state line. Breezy onshore winds along the East Coast and lingering moisture will also give way to isolated showers developing along the coastline, moving well inland across the Peninsula during the peak heating hours of the day. Rainfall are expected to remain near or below 1" across the state today with locally higher totals upwards of 1" possible across Northeast Florida and along the immediate East Coastline.

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](#), and [above Lake Harney](#)). 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 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 or possibly stall over the next couple of days. 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 1.13 feet above normal for this time of year.



River Observations & Forecasts





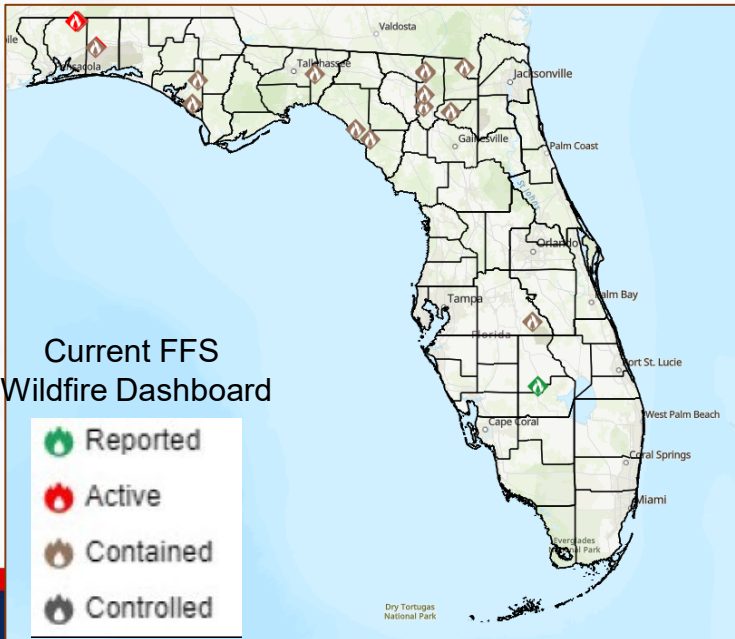
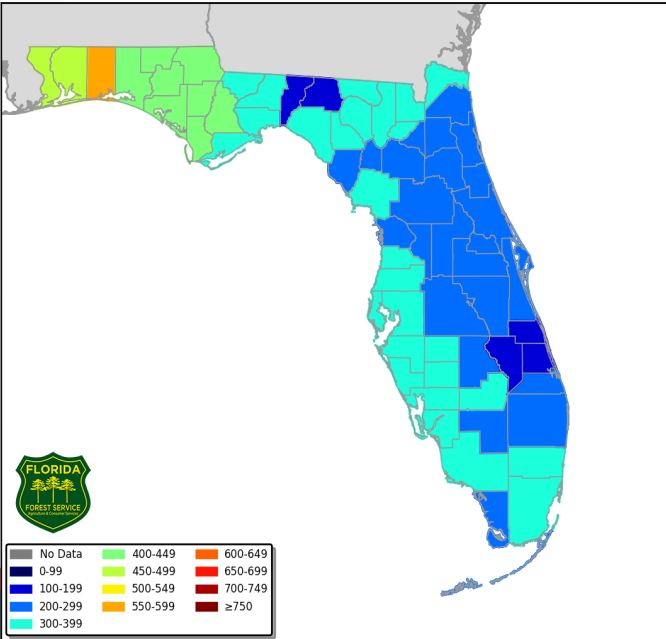
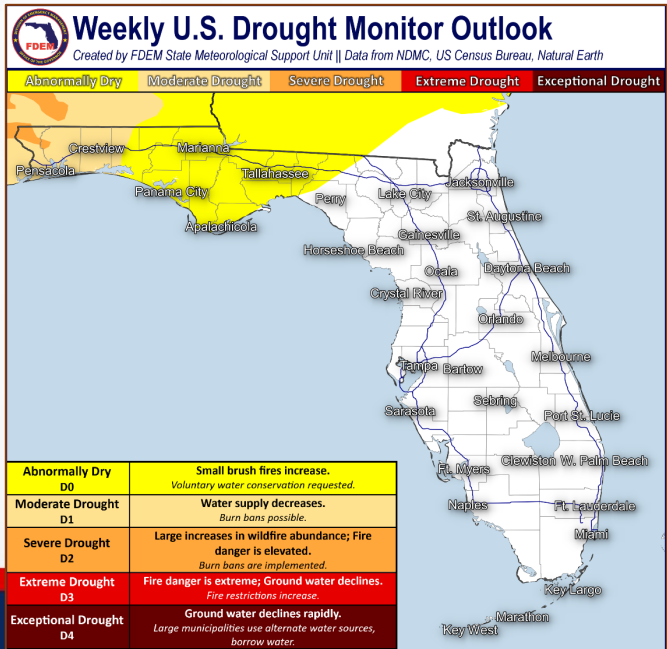
Drought & Fire Weather

Fire Weather: Isolated to widely scattered showers and thunderstorms can be expected across North Florida throughout the day as high pressure maintains an abnormally moist airmass over the state and a stationary frontal boundary shifts southward to the Florida-Georgia state line. Breezy onshore winds along the East Coast and lingering moisture will also give way to isolated showers developing along the coastline, moving well inland across the Peninsula during the peak heating hours of the day. Breezy easterly winds near 5-15 mph will persist along the Peninsula and Keys with **gusts reaching near 15-25 mph**. Localized areas of **patchy to locally dense fog** will be possible across the portions of North Florida and the Western Peninsula overnight into the early morning hours Sunday where calmer conditions prevail. According to the [Florida Forest Service](#), there are 18 active wildfires across the state burning approximately 82.30 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 **313 (+6)** 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).

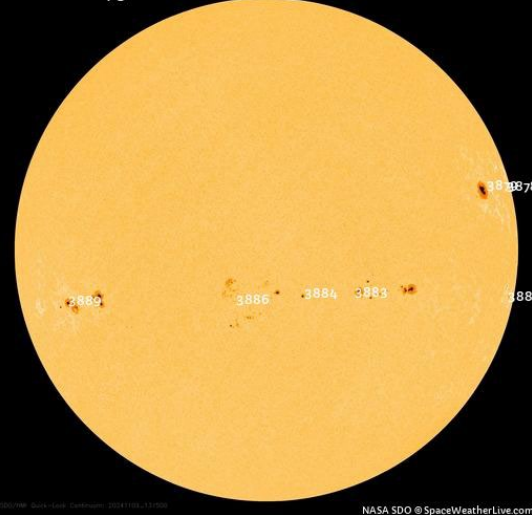
Keetch Byram Drought Index (KBDI)
County Averages for November 08, 2024





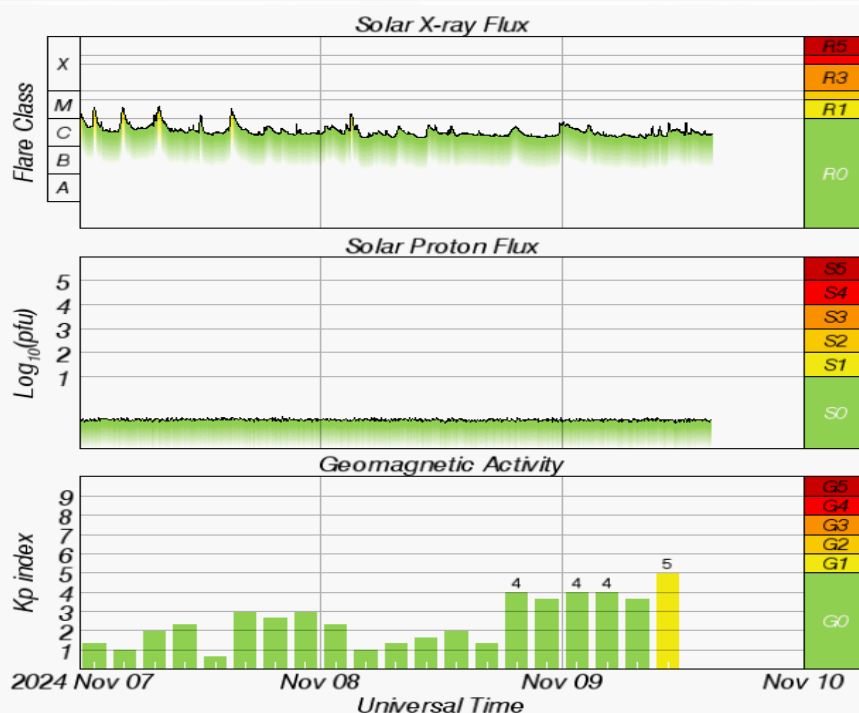
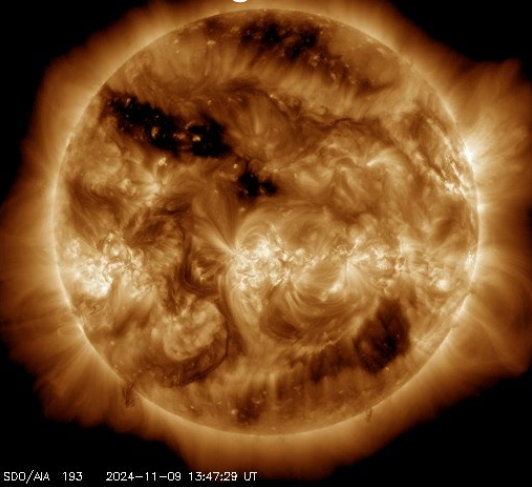
Space Weather

HMI Intensitygram



Current Sunspots

Earth-facing Coronal Holes



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 85%	Geomagnetic Storm: None	C7 Solar Flare
X-class: 35%	Radiation Storm: None	No Radio Blackouts

48-Hour Geomagnetic Forecast	
11/9	11/10
Max Kp= 4 (G0)	Max Kp= 4 (G0)
Chance of minor activity = 20% severe activity = 5%	Chance of minor activity = 20% severe activity = 5%

Space Weather: Solar activity is expected to be moderate with strong (M-class) solar flares expected and a chance for significant (X-class) solar flares over the next few days. Sunspot #3889 contains a magnetic field that harbors energy for X-class solar flares. Minor to moderate (R1-R2) radio blackouts can be expected to accompany M-class solar flares while strong (R3) radio blackouts will likely accompany any X-class solar flares that occur. A slight chance for minor (S1) solar radiation storms persists due to the flare potential of region #3889. Enhanced solar wind conditions are expected to prevail over the next few days due to Coronal Hole High Speed Stream (CH HSS) influences. There CH HSS influences will also give way to periods of active geomagnetic conditions through the rest of the weekend and into early next week. 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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