



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Tuesday, November 19, 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	Caitlyn Gillespie	(850) 688-2119	Caitlyn.Gillespie@em.myflorida.com
Duty Officer	Jeremy Whitt	(850) 755-8521	Jeremy.Whitt@em.myflorida.com
Operations Officer- Day	Caleb Pitts	(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	Karen Kozac	(850) 759-6226	Karen.Kozac@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	Gadsden	Airport Exercise Planning Meeting / Recovery Coordination Meeting
Region 2: Willie Bouie	Leon	HQ Visit / Vehicle Maintenance / Recovery Coordination Call
Region 3: Glen Hammers	Columbia	Debris & Regional Coordination Calls
Region 4: James Carter	Duval	Risk Assessment Subcommittee Meeting
Region 5: Austin Beeghly	Orange	UCF EM Meeting / Logistics Mission
Region 6: Paul Siddall	Hillsborough	On-Call Status
Region 7: Cristian Rivera	Highlands	EM Visit
Region 8: Mason Kozac	Indian River, St. Lucie	Milton Support / Office Admin
Region 9: Theresa Hendry	Sarasota	Waterway Debris Removal Meeting
Region 10: Claudia Baker	Miami-Dade	FEPA Higher ED Meeting / Executive Team Support



Status
Normal Operations
Out of Service / Unavailable



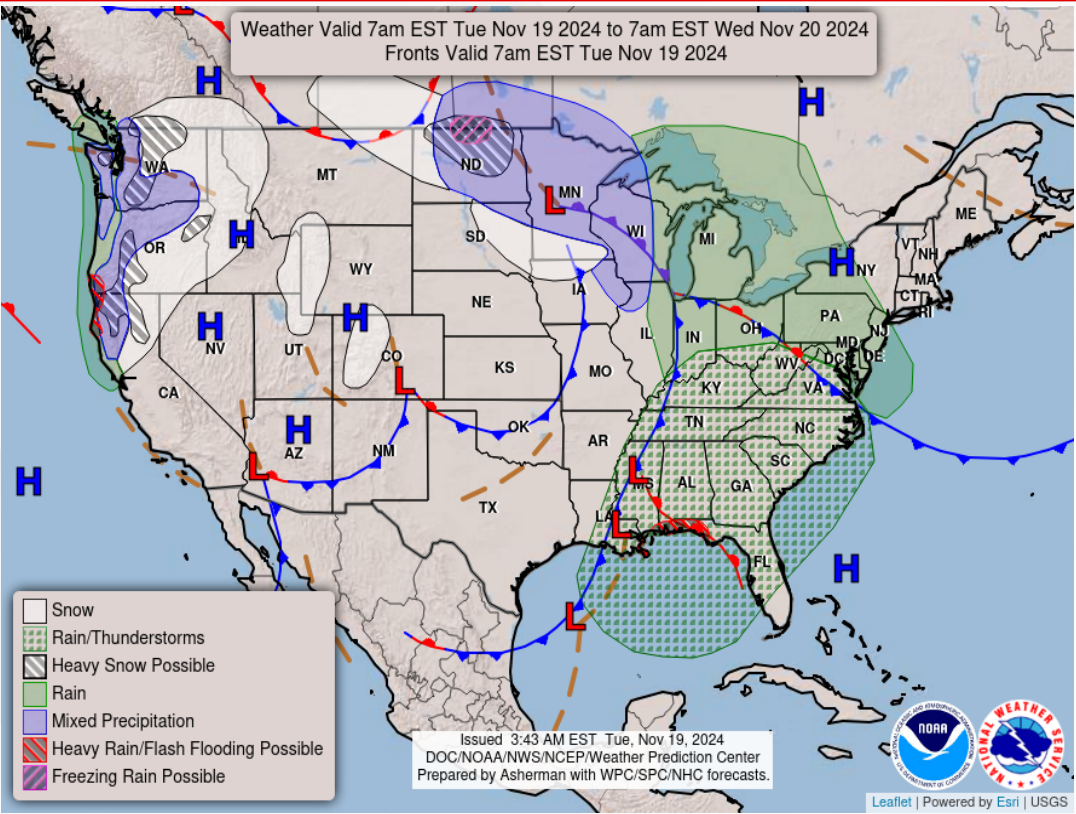
Recovery Regional Coordination Team

Team	County Location	Status / Activities
Region 1: Allison Blevins	Escambia	Instructing L-449
Region 2: Justin Lazzara	Leon	Administrative Duties
Region 3: Patrick James	Alachua	IRC Meeting
Region 4: Joshua Saunders	Duval	External Stakeholders Meeting
Region 5: Elizabeth Caison	Orange	FEPA / Recovery Meetings
RRCT Manager	Hillsborough	Recovery Meetings
Region 6: Jeremy O'Dell		
Region 7: Antonio Zapata	Highlands	Recovery Meetings
Region 8: Ja-Pheth Butler-Miller	Indian River	Administrative Duties
Region 9: Kathryn Thompson	Lee	External Stakeholders Meeting
Region 10: Dana McGeehan	Broward	Administrative Duties

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

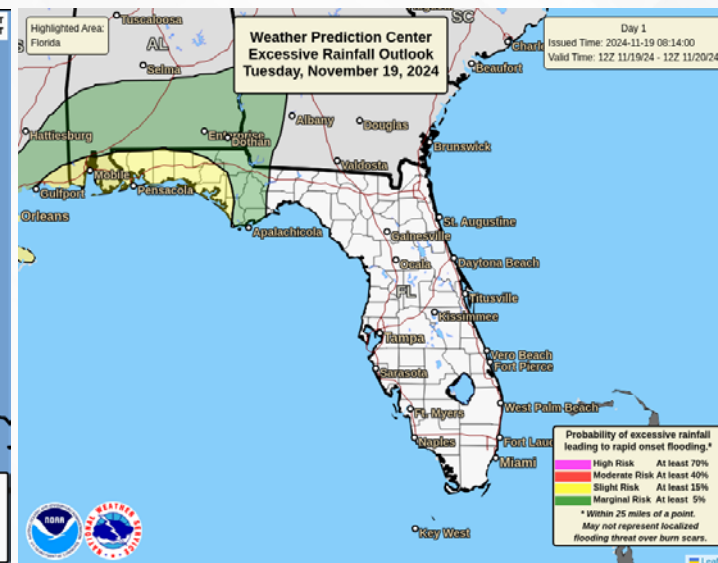
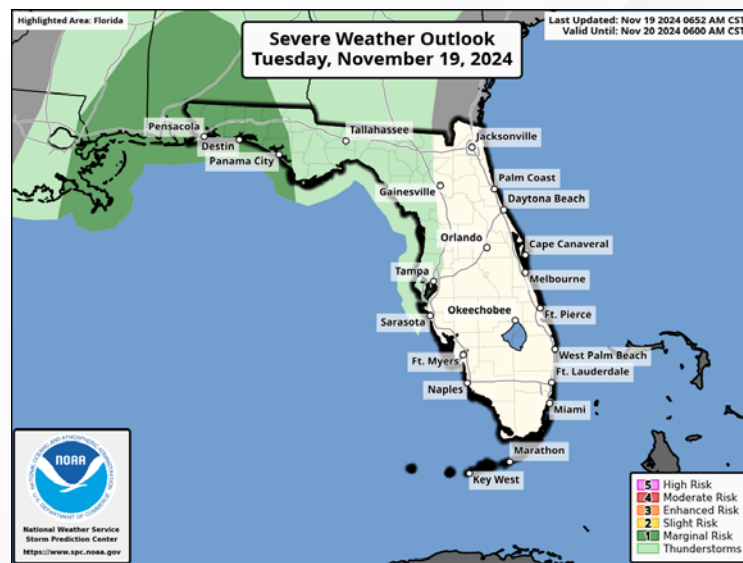


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10
Lightning	L	L	L			L				
Tornado	L									
Damaging Wind	L									
Hail										
Flash Flooding	M	L								
Coastal Flooding	L	L	L	L						L
Riverine Flooding					M	M				
Fog (Overnight)										
Rip Currents	H	H	M	M	M	M		M	M	M
Lake Okeechobee Elevation:	16.03 ft. (1.10 ft. Above Normal)									
Keetch-Byram Drought Index:	361 (+7) on a scale from 0 (very moist) to 800 (very dry)									





Meteorology Summary

Statewide Overview, Next 24 Hours:

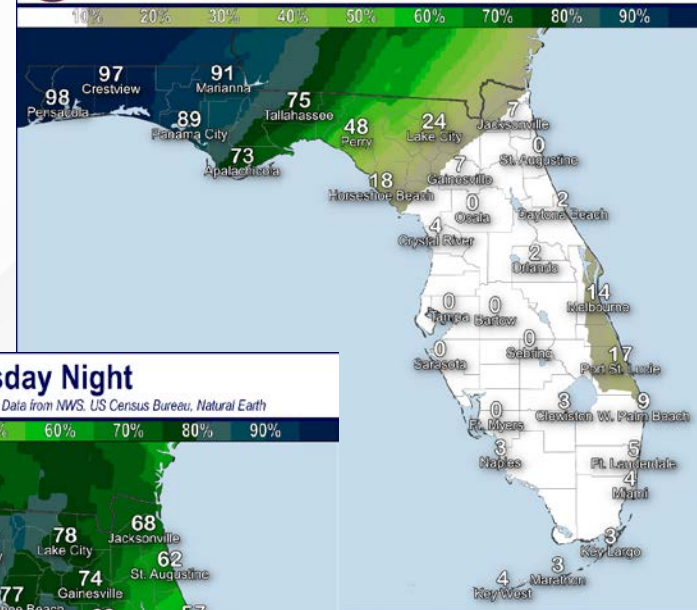
Panhandle: An upper-level disturbance moving across the Midwest U.S. will allow showers and thunderstorms to develop along a frontal system along the Gulf Coast. A weak warm front remains draped along the northeastern Gulf waters and the Panhandle coastline but will gradually move northward throughout the day. As the warm front moves northward, it will allow for scattered showers and thunderstorms along a cold front to push eastward beginning this morning across the western Panhandle. Throughout the daytime hours, these scattered showers and thunderstorms will continue to push eastward along the I-10 corridor (75-near 100% chance of rain). Atmospheric and environmental conditions will allow for possible **isolated strong to severe thunderstorms** to develop along the cold front as it pushes eastward. The Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 5) for Severe Weather** across the western Panhandle as **strong to severe thunderstorms** may be capable of producing frequent lightning, gusty winds (50-70 mph), an isolated tornado or two and heavy downpours. With abundant moisture being pulled northward ahead of the cold front, widespread rainfall can be anticipated within shower and thunderstorm activity. The Weather Prediction Center (WPC) is outlooking a **Slight Risk (level 2 of 4) for Flash Flooding** along the western Panhandle, with a **Marginal Risk (level 1 of 4)** extending through the Apalachicola River as heavy rainfall rates or training showers and thunderstorms may lead to instances of **localized flooding** for urban and low-lying/poor drainage areas. Breezy wind gusts of 10-15 mph will develop across the interior Panhandle outside of thunderstorm activity, with **stronger wind gusts upwards of 15-25 mph** near and along the coastline. Increasing cloud cover and rain chances will allow for high temperatures to reach the middle to upper 70s this afternoon. The frontal system will continue to push eastward across the Big Bend and towards the I-75 corridor and Nature Coast throughout the overnight hours (45-80% chance of rain). As the system moves eastward into the Big Bend, it will begin to enter a more unfavorable environment for severe weather; however, a strong thunderstorm or two may be possible. Across the western Panhandle, rain chances will begin to slowly decline as the frontal system moves eastward and drier and cooler air begins to move in behind the system. Low temperatures overnight will fall into the middle to upper 60s.

Peninsula: High pressure over the western Atlantic waters will continue to keep conditions mostly dry throughout the Peninsula during the daytime hours. Isolated brief showers may drift onshore along portions of the Treasure Coast this afternoon with the help of breezy winds and locally elevated moisture (15-20% chance of rain). Breezy wind gusts of 10-15 mph will develop throughout the afternoon, with locally **stronger wind gusts near 20 mph** across coastal portions. High temperatures this afternoon will reach the low to middle 80s across the Peninsula. As a frontal system moves eastward along the Panhandle coast and northern Gulf waters overnight, an increase in shower and thunderstorm activity can be anticipated spreading west to east from Nature Coast. Isolated to widely scattered showers with embedded thunderstorms will develop and move onshore and eastward as the frontal system approaches and moves through overnight (45-80% chance of rain). While severe weather is not anticipated for the Peninsula, an **isolated strong thunderstorm or two** cannot be ruled out near the coastal waters or immediate Nature Coast and West-Central Coasts. Low temperatures overnight will fall into the upper 60s to middle 70s.



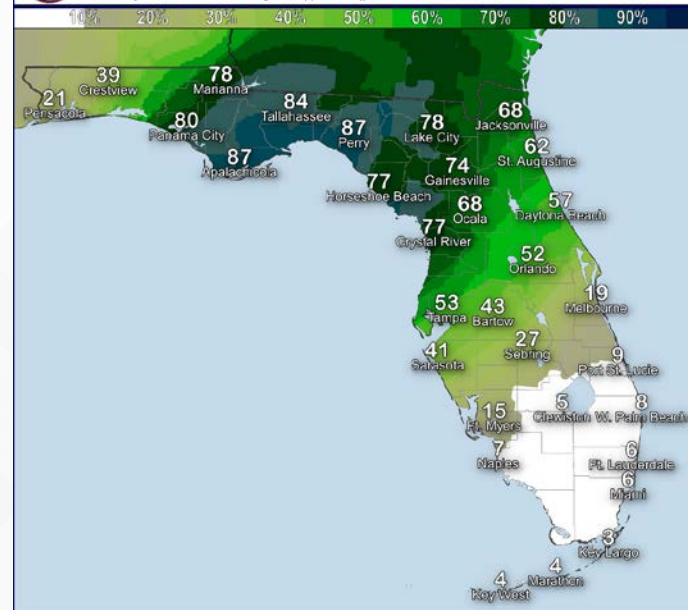
Chance of Rain: Tuesday

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



Chance of Rain: Tuesday Night

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

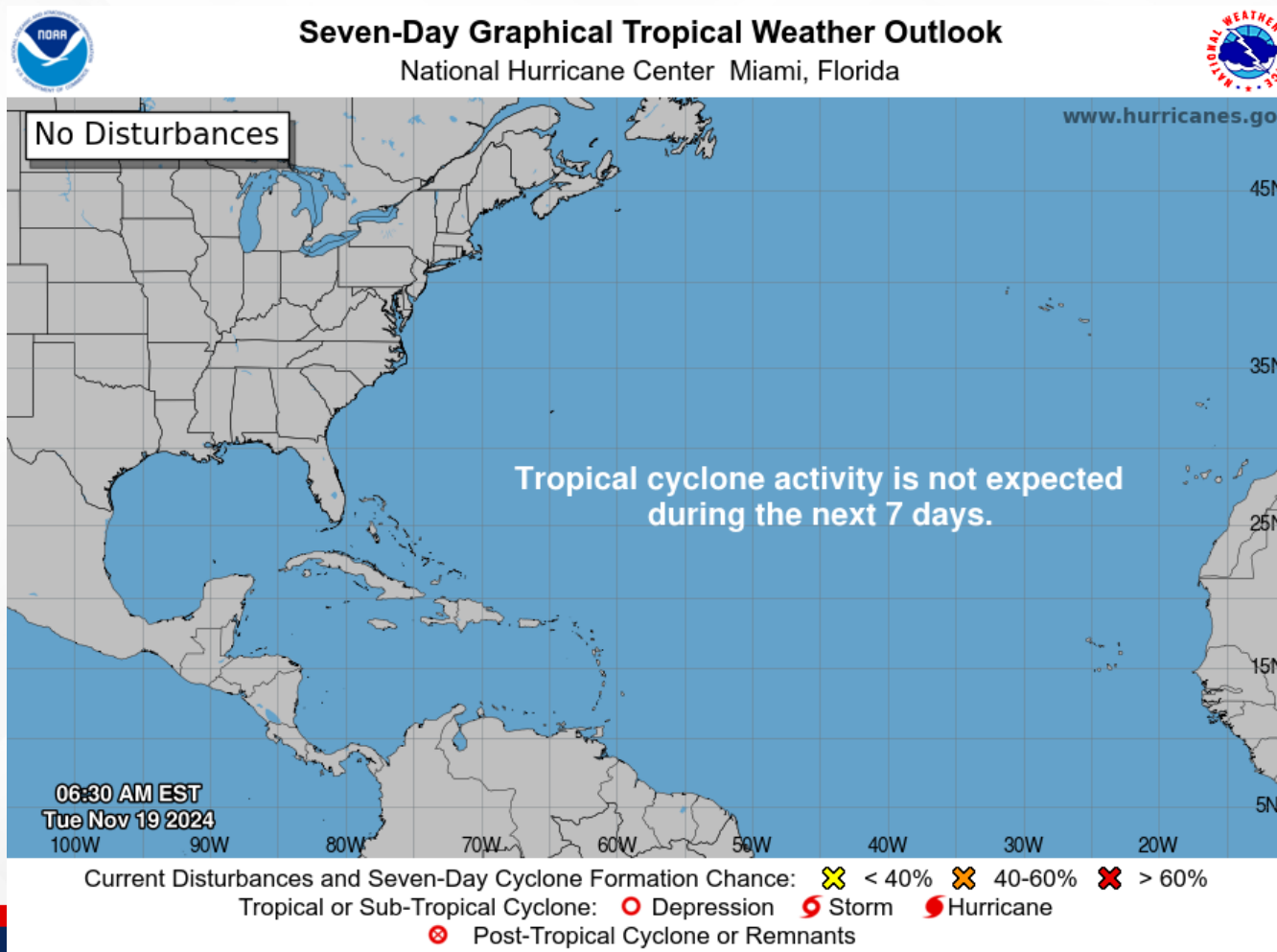




Tropical Weather

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

Tropical cyclone activity is not expected during the next 7 days.





Coastal Hazards & Hydrology

Rip Currents: Breezy onshore winds and increasing ocean swells will create a **high risk for rip currents** along the Panhandle. Breezy onshore winds and lingering ocean swells will create a **moderate risk for rip currents** across the Peninsula, with a **locally high risk** persisting along Palm Beach County. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Marine Hazards: **Large ocean swells of 4-7'** will develop across Panhandle and Big Bend beaches with strong onshore flow. **High Surf Advisories** extend along the western Panhandle as **dangerous beach and boating conditions** will develop throughout the day. The large ocean swell along the northern Panhandle will allow for **elevated wave heights of 2-4'** to push towards the western Peninsula. East Coast beaches will see wave heights return to 2-3' along beaches.

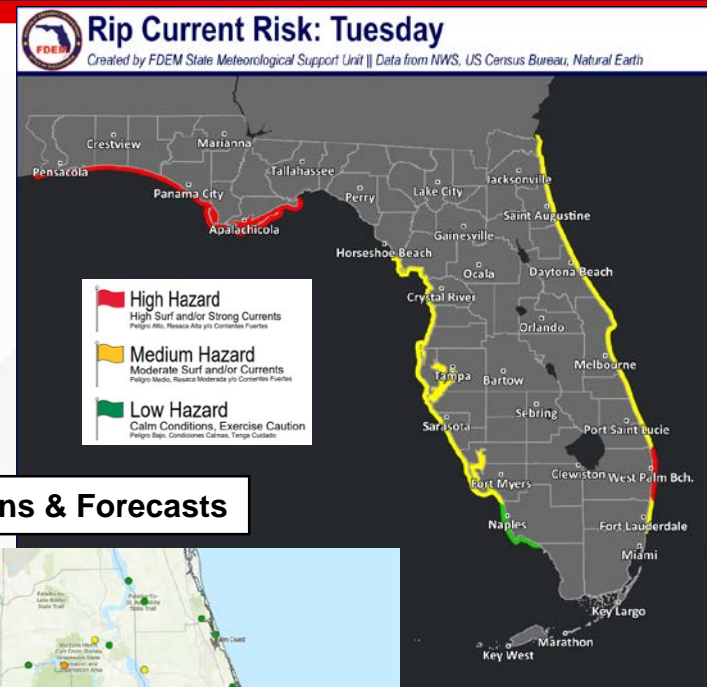
Red Tide has been observed in **74** samples collected from Florida's Gulf Coast over the past week (as of 11/15). Background to **medium concentrations** were observed in and offshore of Pinellas County with **low and medium concentrations** in Hillsborough County, background to **medium concentrations** in Manatee County, background to **medium concentrations** in and offshore of Sarasota and Charlotte Counties, **very low and medium concentrations** in Lee County, and background and **very low concentrations** offshore of Collier County. **Fish kills** suspected to be related to red tide were reported offshore of Pinellas County and along Manatee, Sarasota, and Charlotte Counties. **Respiratory irritation** suspected to be related to red tide was reported in Sarasota County.

Coastal Flooding: Elevated tides will linger along portions of the Florida Keys and allow for instances of **minor coastal and saltwater flooding** near and during times of high tide. **Coastal Flood Statements** remain in effect along portions of the Florida Keys. Strong onshore winds and elevated surf will allow for **minor coastal flooding** along the Panhandle and Big Bend coastline near and during times of high tide beginning tonight. The highest water levels of near 2' above normal will develop, especially along vulnerable Apalachee Bay. **Coastal Flood Advisories** have been issued along the entire Panhandle and Big Bend. Trapped tides within tidal portions of the St. Johns River will also continue to create instances of **minor coastal flooding** near and during times of high tide, and the **Coastal Flood Advisory** continues.

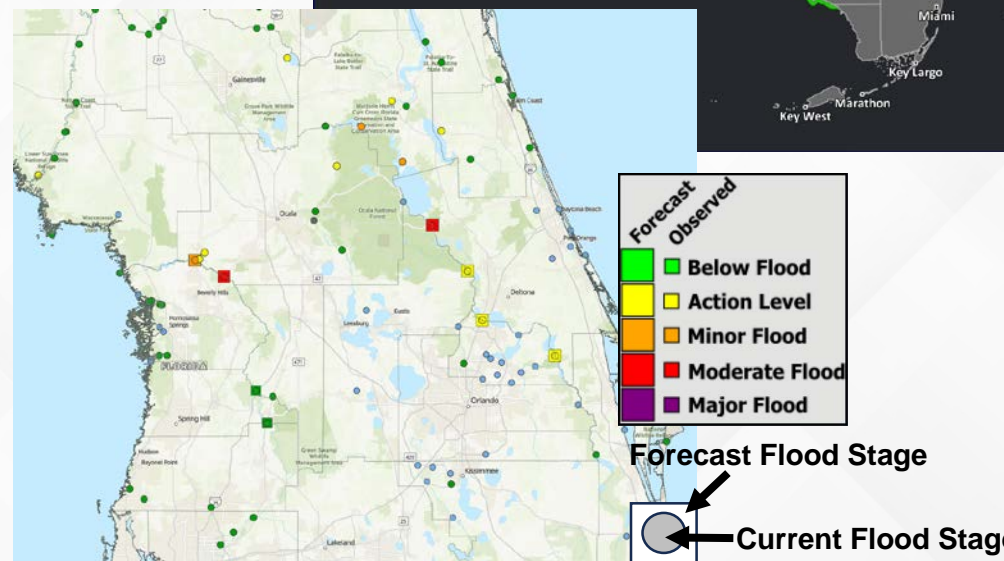
Flash Flooding: The Weather Prediction Center (WPC) is outlooking a **Slight Risk (level 2 of 4) for Flash Flooding** across the western Panhandle, with a **Marginal Risk (level 1 of 4)** extending through the Apalachicola River due to widespread rainfall associated with a frontal system moving along the Gulf Coast and Southeast U.S. Scattered showers and thunderstorms can be expected with the frontal system as it moves eastward, bringing instances of heavy rainfall due to abundant moisture being pulled northward. Locally heavy rainfall will be possible closer towards the Panhandle coast, and training showers and thunderstorms may lead to **instances of localized flooding** for urban and low-lying/poor drainage areas. Heavy and intense rainfall rates will be possible which would lead to **localized flash flooding**. Rainfall totals of 1-3" can be anticipated, with **locally higher rainfall** totals upwards of 3-5" possible closer towards the Panhandle 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-41 Dunnellon](#), but this forecast point is forecast to fall below flood stage within the next day. Water levels along the St. Johns River at Astor remain near steady and fluctuate slightly. With recently dry conditions across the Panhandle and Big Bend, the widespread rainfall anticipated today will prevent any additional riverine flooding. Locally heavy rainfall may allow for rises within quick-response rivers and creeks along the Panhandle and Big Bend at times, but no additional riverine flooding is expected. For more information, visit the [River Forecast Center](#).

Lake Okechobee's average elevation is 16.03 feet, which is within the operational band and 1.10 feet above normal for this time of year.



River Observations & Forecasts





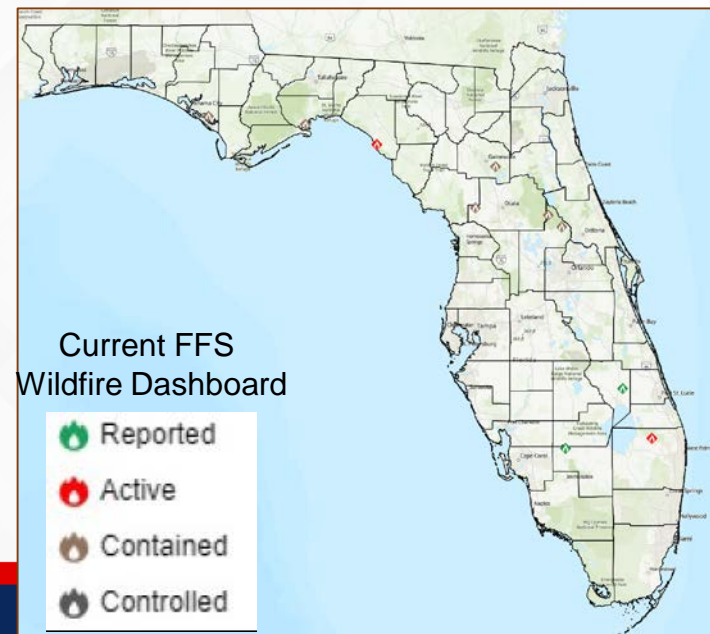
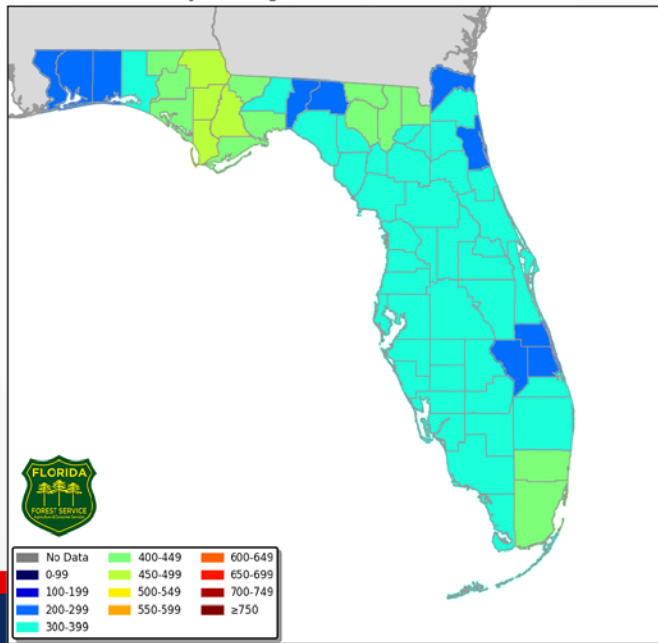
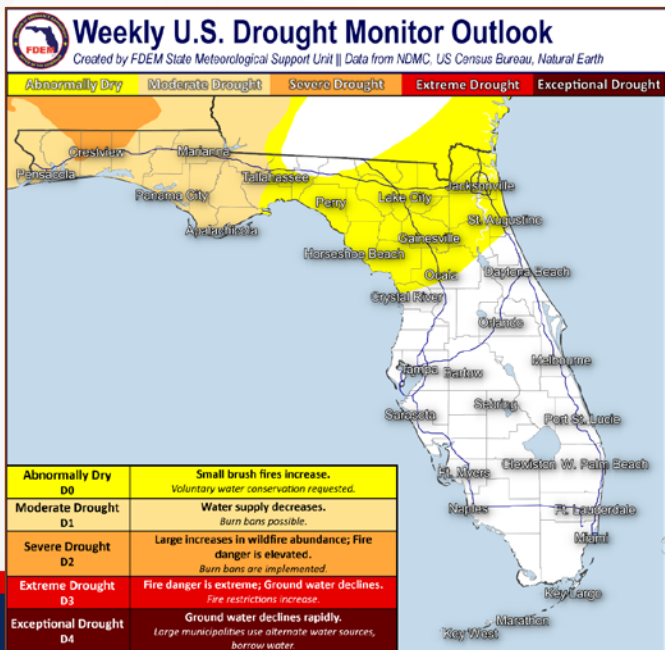
Drought & Fire Weather

Fire Weather: Scattered showers and thunderstorms associated with a frontal system moving along the Gulf Coast will move from west to east across the Panhandle and Big Bend throughout the day. *Thunderstorms will be capable of producing frequent lightning and gusty winds.* Beneficial rainfall can be anticipated across drought areas through the Panhandle and Big Bend. Breezy wind gusts outside of thunderstorms will reach 10-15 mph across the state this afternoon, with **stronger wind gusts of 15-25 mph** possible across the Panhandle and Big Bend coasts. According to the [Florida Forest Service](#), there are 10 active wildfires across the state burning approximately 24 acres.

Drought: Little to no rainfall and continued above-normal temperatures over the past week have combined to worsen dryness and drought across North Florida on this week's Drought Monitor update (11/14). **Severe Drought** conditions have shifted eastward and expanded, now covering northern and central portions of Santa Rosa, Okaloosa, and Walton Counties. **Moderate Drought** Conditions have greatly expanded over the past week and now span across the entire Panhandle and across the Western Big Bend. Similarly, *Abnormally Dry* (emerging drought) conditions have expanded and now reach through the Eastern Big Bend and across the Northern Peninsula. Above normal rainfall outlooked across Florida over the next week or so may help to improve or slow the worsening of drought conditions across the state.

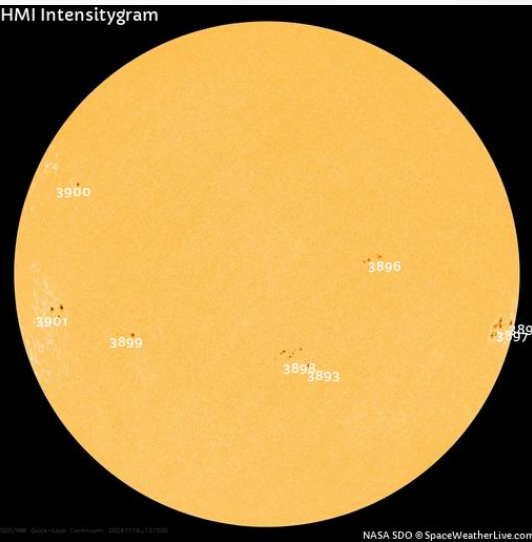
The Keetch-Byram Drought Index average for Florida is **361 (+7)** on a scale from 0 (very wet) to 800 (very dry). There are **no** Florida Counties with an average KBDI over 500 (drought/increased fire danger).

Keetch Byram Drought Index (KBDI)
County Averages for November 18, 2024

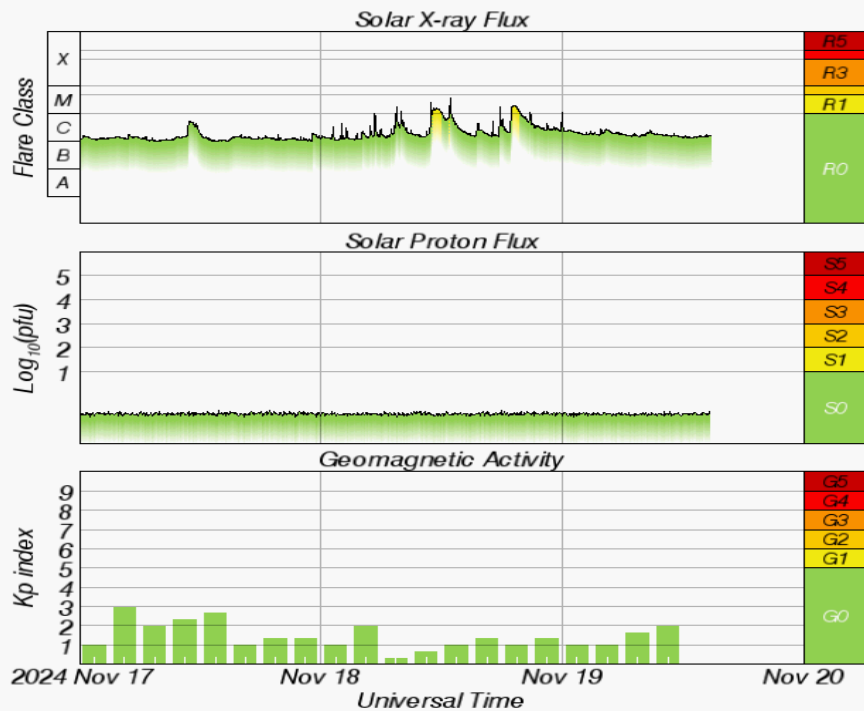
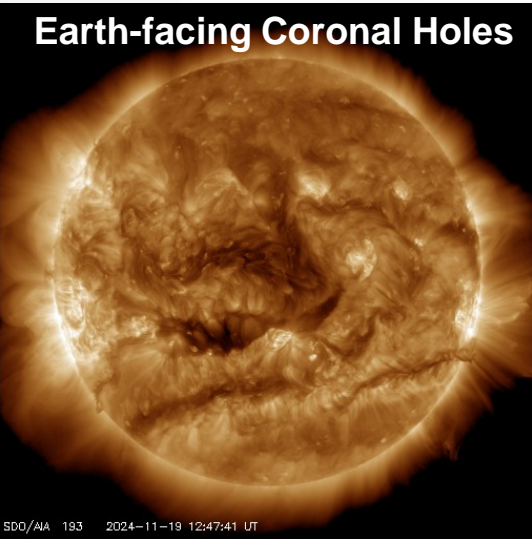




Space Weather



Current Sunspots



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 50%	Geomagnetic Storm: None	M2 Solar Flare
X-class: 10%	Radiation Storm: None	R1 Radio Blackout

48-Hour Geomagnetic Forecast	
11/19	11/20
Max Kp= 4 (G0)	Max Kp= 2 (G0)
Chance of minor activity = 10% severe activity = 1%	Chance of minor activity = 5% severe activity = 1%

Space Weather: Solar activity will likely maintain moderate levels with a chance for strong (M-class) solar flares and a slight chance for significant (X-class) solar flares. Probabilities will increase slightly tomorrow and Thursday as a few active regions return on the surface of the sun. There is a new sunspot, #3901, that is crackling with M-class solar flares. No minor (S1) or greater solar radiation storms are expected. 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. Weak enhancements to the solar wind field are possible today due to combined lingering enhancements from Coronal Hole High Solar Stream (CH HSS) conditions and the glancing influences from the Coronal Mass Ejection (CME). Ambient-like conditions are expected to prevail and continue through Thursday. Quiet to active levels are expected through today due to the lingering CH HSS and CME conditions. No minor (G1) geomagnetic storms are expected today.



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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