

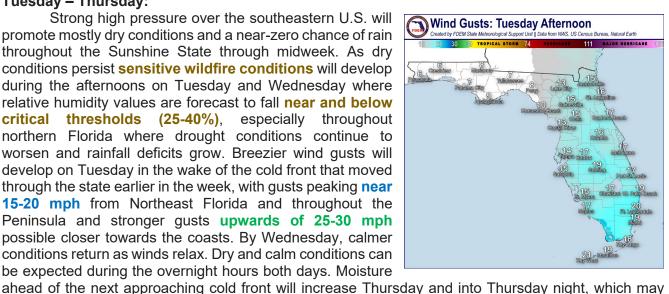




...Near-Zero Chance of Rain Across the Sunshine State Through Midweek At Least...Breezy Winds Across Peninsula on Tuesday Before Calming Down...Sensitive Wildfire Conditions Persist Throughout Northern Florida Given Worsening Drought Conditions...Patchy Fog Possible Each Night Through End of the Week...Possible Chance for Showers Or Maybe Thunderstorms Along Panhandle At End of the Week; Showers Possibly Returning to South Florida Too...Temperatures On a Warming Trend Throughout the Week In Wake of Cold Front Earlier in the Week...No Tropical Cyclone Activity Expected During Next 7 Days in the Atlantic Basin...

Tuesday – Thursday:

Strong high pressure over the southeastern U.S. will promote mostly dry conditions and a near-zero chance of rain throughout the Sunshine State through midweek. As dry conditions persist sensitive wildfire conditions will develop during the afternoons on Tuesday and Wednesday where relative humidity values are forecast to fall near and below critical thresholds (25-40%), especially throughout northern Florida where drought conditions continue to worsen and rainfall deficits grow. Breezier wind gusts will develop on Tuesday in the wake of the cold front that moved through the state earlier in the week, with gusts peaking near 15-20 mph from Northeast Florida and throughout the Peninsula and stronger gusts upwards of 25-30 mph possible closer towards the coasts. By Wednesday, calmer conditions return as winds relax. Dry and calm conditions can be expected during the overnight hours both days. Moisture



Chance of Rain: Wednesday

allow for brief or isolated showers to develop along portions of the Treasure Coast Thursday night (15-20% chance of rain). Instances of patchy fog may develop throughout the Big Bend and interior Northeast Florida Tuesday night and into Wednesday morning, then again Wednesday and Thursday nights.

Temperatures will gradually warm up each day in the wake of the cold front from earlier in the week. High temperatures will return to the middle 70s to lower 80s in the afternoons throughout the state. Low temperatures will fall into the upper 40s to upper 50s throughout North Florida, 60s across Central Florida and upper 60s to middle 70s across South Florida. Thursday night North Florida will see low temperatures in the 50s and lower 60s closer towards the coast.

Friday – Saturday:

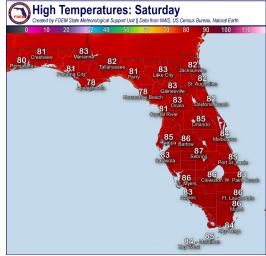
An upper-level feature will quickly move overhead just to the north of the state Friday and into Friday night. As moisture continues to recover from drier conditions earlier in the week, this upper-level feature may help to spark a few light showers Friday afternoon or evening across the Panhandle (15-30% chance of rain). With warmer conditions and moisture recovering, some of these showers may become gusty at times, but the lack of large scale upper-level features looks to lessen the chances for thunderstorm development. While there is a lack of larger scale feature that could help organized





thunderstorm chances, there will be some energy for thunderstorm development along the Panhandle, and **an isolated strong thunderstorm** cannot be ruled out. There is uncertainty between computer model guidance as the American (GFS) keeps a drier solution in place where the European (ECMWF) keeps more shower and embedded thunderstorm activity in place throughout the Panhandle through Saturday morning. There are still details and information to be ironed out over the coming days. Some of these showers may linger through Saturday morning as the next cold front approaches this weekend from the west (15-20% chance of rain).

The area of high pressure from earlier in the week will shift offshore over the Atlantic waters and onshore winds ahead of the next approaching cold front may allow for some



light showers extending from the Treasure Coast and along South Florida Friday and into Saturday (15-20% chance of rain). Otherwise, dry conditions can be expected through the end of the week and into the weekend. Instances of **patchy to scattered fog** will be possible Thursday and Friday nights across portions of the Suwannee Valley and extending into Nature Coast and Central Florida.

Following the trend from earlier in the week, temperatures will continue to warm up each day. High temperatures return to the lower to middle 80s throughout the state in the afternoons. Low temperatures will fall into the upper 50s to middle 60s across North Florida, middle to upper 60s across Central Florida and upper 60s to middle 70s across South Florida.

Tropical Weather:

Tropical cyclone activity is <u>not expected</u> during the next 7 days in the Atlantic basin. *Please* visit the National Hurricane Center (NHC) <u>website</u> for the latest on the tropics.

Hydrology & Flooding:

There is no risk for flash flooding throughout the next 5 days across the Sunshine State. Dry conditions will persist throughout much of the week, except for rain chances beginning to creep back into the forecast on Thursday across South Florida. The best chance for rain will remain along the Panhandle and the Treasure Coast through the end of the week and into the weekend with rainfall totals reaching upwards of 0.5". For the latest on the rainfall outlook, please visit the Weather Prediction Center (WPC) website.

The <u>St. Johns River at Astor</u> has fallen below moderate flood stage but remains within minor flood stage as water levels remain elevated from tidal influences the last several weeks. Another round of onshore winds and elevated tides due to the Supermoon Tuesday night will lead to slowing the discharge rate within the St. Johns River basin keeping water levels are minor flood stage for the next several days. The <u>St. Johns River near Lake Harney</u> also remains within minor flood stage due to the heavy rainfall last week and the backed up water levels in the St. Johns Basin. The river forecast point is forecast to fall below minor flood stage mid to late week as the river basin continues to







work to discharge. As the water levels the Lake Harney point, it will travel downstream to the <u>Deland</u> and <u>Sanford</u> points where they remain within Action Stage (bank-full) and are forecast to see a slight increase in water levels late this week and into the weekend. For more information, visit the <u>River Forecast Center</u>.

Lake Okeechobee's average elevation is 13.90 feet, which is within the operational band and 1.12 feet below normal for this time of year.

Drought & Fire Weather:

Minor adjustments were made to the <u>Drought Monitor update (10/28)</u> mostly along the Panhandle and northern Florida. Beneficial rainfall was localized to the extreme southwestern Panhandle allowing for a reduction in <u>moderate drought (level 1 of 4)</u> conditions with isolated pockets of <u>severe drought (level 2 of 4)</u> removed, and these were the only improvements made on the entire update. <u>Extreme drought (level 3 of 4)</u> was extended southward beyond the I-10 corridor throughout the eastern Panhandle and western Big Bend as conditions continue to quickly deteriorate with rainfall deficits approaching 4-8" below normal since late August. Drought conditions throughout northern Florida continue to be characterized by warm temperatures, low humidity and lack of rainfall across the region for the last several weeks. The western half of the Peninsula has also missed out on rainfall, and abnormally dry (emerging drought) conditions continue to inch further inland.

Given that little to no rainfall occurred last week and conditions were dry throughout northern Florida, drought conditions will remain unchanged and there will likely be a larger extension of the moderate to extreme drought conditions on the update this week. A recent uptick in wildfire activity across interior Miami-Dade County will

The Keetch-Byram Drought Index average for Florida is 412 (+6) on a scale from 0 (very wet) to 800 (very dry). There are 29 Florida counties (Baker, Bay, Bradford, Calhoun, Columbia, DeSoto, Gadsden, Gilchrist, Hamilton, Hardee, Hernando, Hillsborough, Holmes, Jackson, Jefferson, Lafeyette, Leon, Liberty, Madison, Manatee, Okaloosa, Pasco, Pinellas, Sarasota, Suwannee, Taylor, Union, Wakulla, and Washington) that have an average KBDI above 500 (drought/increased fire danger).

As dry conditions persist **sensitive wildfire conditions** will develop during the afternoons on Tuesday and Wednesday where relative humidity values are forecast to fall **near and below critical thresholds (25-40%)**, especially throughout northern Florida where drought conditions continue to worsen and rainfall deficits grow. While relative humidity values will recover after midweek, ongoing **severe to extreme drought** along the northern Panhandle and no widespread rainfall forecast through the end of the week **sensitive wildfire conditions** will persist. According to the <u>Florida Forest Service</u>, there are currently 28 active wildfires across the state burning approximately 189 acres.

Rip Currents & Marine Hazards:

Easterly to northeasterly winds will persist along Atlantic beaches through Friday keeping the rip current risk elevated through the week. A high risk can be expected for all beaches Tuesday and into Wednesday before shifting to Treasure Coast and Southeast Florida beaches through Friday. Lighter winds and dissipating ocean swells returning to the First Coast will allow for the rip current risk to transition to a moderate risk midweek. By Saturday lighter winds return for the entire coast keeping the moderate rip current risk in place over the weekend. Panhandle beaches will likely see a moderate risk for rip currents persist through the weekend with declining ocean swells and easterly to southeasterly winds flowing onshore. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Wave heights continue to decline along the Panhandle and Gulf Coast holding near 1-3' Tuesday. On Wednesday, beaches can expect wave heights near 1-2'. Breezy post-frontal winds will lead to **elevated surf of 4-6'** along all Atlantic Coast beaches, even extending into the Florida Keys on Tuesday. As lighter winds return on Wednesday, ocean swells will slowly decline through the end of the week. Beaches will see **surf lingering near 3-5'** along the Atlantic Coast on Wednesday before declining to 2-3' on Thursday. Beaches across the Sunshine State can expect wave heights near 1-2' Friday and Saturday.





Tuesday night's Supermoon will lead to tides returning to above normal through the next few days. Water levels are forecast to reach 1-1.5' above normally dry ground with the November full moon within the tidal St. Johns River basin. It is possible that water levels could reach 1.5-2' above normally dry ground Wednesday briefly along the Northeast Florida coast, especially with onshore winds persisting. Regardless, onshore winds and elevated tides will lead to minor tidal flooding around times of high tide within the tidal St. Johns River, and a Coastal Flood Advisory could be issued as early as Tuesday night. Coastal Flood Statements have also been issued along a portion of the Treasure Coast for minor tidal flooding associated with the full moon. Additional instances of minor to localized moderate coastal flooding will be possible through midweek, at least.

The latest <u>Blue-Green Algae</u> report shows algal bloom conditions were observed at seven sites out of the 17 site visits conducted from 10/24 to 10/30. Satellite imagery for Lake Okeechobee shows low to <u>moderate bloom potential</u> on approximately 25% of the lake with the highest bloom potential along the southwest quadrant of the lake. Low to <u>moderate bloom potential</u> was observed on Lake George downstream to the city of Jacksonville. The best imagery for the St. Lucie Estuary shows highly scattered low bloom potential. The Caloosahatchee Estuary shows no significant bloom potential on visible portions of the river and estuary.

NWS Mobile Daily Hazards
NWS Jacksonville Daily Hazards
NWS Tampa Daily Graphical Hazards

NWS Tallahassee Daily Graphical Hazards
NWS Melbourne Daily Graphical Hazards
NWS Miami Daily Graphical Hazards

NWS Key West Daily Hazards

For the official National Weather Service forecast, please click on the following cities:

Pensacola Panama City Tallahassee Gainesville Jacksonville Daytona Beach
Orlando Tampa Fort Myers West Palm Beach Miami Key West
Click here for the latest watches, warnings, and advisories from The National Weather Service
For coastal and offshore forecasts throughout Florida and Georgia, please click here.



Florida NCAA Division I Football Forecast

All times are in ET



UTSA vs. USF	Thursday 7:30 PM EDT	Tampa, FL
Mostly clear skies with a few clouds mixed in.		
Kickoff Temperature: 74°	<u>Halftime Temperature: 72°</u>	Final Whistle Temperature: 70°

Houston vs. UCF	Friday 8:00 PM EDT	Orlando, FL
	Clear skies with passing clouds mixed in.	
Kickoff Temperature: 71°	Halftime Temperature: 69°	Final Whistle Temperature: 68°

FAMU vs. AR Pine Bluff	Saturday 3:00 PM EDT	Pine Bluff, AR
	Mostly clear skies and light winds.	
Kickoff Temperature: 75°	Halftime Temperature: 74°	Final Whistle Temperature: 70°

B-CU vs. Grambling State	Saturday 3:00 PM EDT	Grambling. LA
	Mostly clear skies and light winds.	
Kickoff Temperature: 79°	Halftime Temperature: 78°	Final Whistle Temperature: 70°

<u>Tulsa vs. FAU</u>	Saturday 3:00 PM EDT	Boca Raton, FL	
Mostly clear skies with wind gusts upwards of 15 mph.			
<u>Kickoff Temperature: 83°</u>	Halftime Temperature: 83°	Final Whistle Temperature: 78°	

FIU vs. Middle Tennessee Saturday 3:00 PM EDT Murfreesboro, TN





Partly cloudy skies with a chance for scattered showers near the end of the game. Emperature: 68° Halftime Temperature: 66° Final Whistle Temperature: 59°

Kickoff Temperature: 68°

Syracuse vs. ^{#18} Miami	Saturday 3:30 PM EDT	Miami Gardens, FL
Mostly clear skies with wind gusts upwards of 10-15 mph.		
Kickoff Temperature: 84°	Halftime Temperature: 82°	Final Whistle Temperature: 79°

FSU vs. Clemson	Saturday 7:00 PM EDT	Clemson, SC
	Mostly clear skies with passing clouds.	
<u>Kickoff Temperature: 59°</u>	Halftime Temperature: 56°	Final Whistle Temperature: 54°

UF vs. Kentucky	Saturday 7:30 PM EDT	<u>Lexington, KY</u>	
Scattered cloud cover with a chance for showers throughout the game.			
Kickoff Temperature: 53°	Halftime Temperature: 50°	Final Whistle Temperature: 49°	

Have a wonderful rest of the week!

Kennedy Tartt, Assistant State Meteorologist Florida Division of Emergency Management www.FloridaDisaster.org/Weather



