

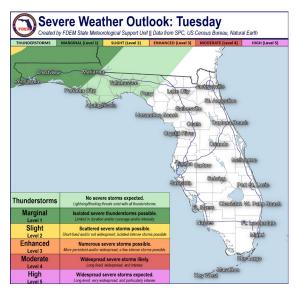




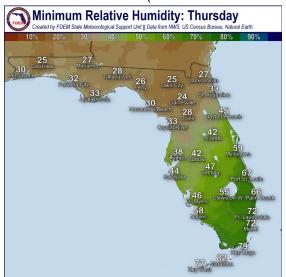
...Cold Front Bringing Isolated Chance for Showers and Thunderstorms to the Panhandle and Big Bend Tuesday Night into Wednesday...Severe Weather Possible for the Panhandle – All Hazards Possible...Chance for Brief Showers Continues Across Portions of South Florida Through Thursday As the Front Moves Through...Elevated Wildfire Danger Returns to North and Central Florida Thursday With Very Low Relative Humidity Values and Breezy Winds...Patchy Frost or Light Freeze Possible Overnight Thursday and Into Friday Morning With Temperatures Falling Near or Just Below Freezing Across North Florida...Gradual Warming Trend Returns this Weekend...Next Chance of Rain Possible Late this Weekend and Early Next Week with Next Frontal System, But There Remains A Lot of Uncertainty...

#### Tuesday - Thursday:

A cold front will move through the state Tuesday and into Wednesday bringing a round of showers and thunderstorms. A broken line of showers and embedded thunderstorms will be possible late Tuesday evening and into the overnight hours, some of which may be strong to severe (45-70% chance of rain). The Storm Prediction Center (SPC) is outlooking a Marginal Risk (level 1 of 5) for Severe Weather along the Panhandle just west of the Capital City as strong to severe thunderstorms will be capable of producing all hazards, including frequent lightning, damaging wind gusts (40-60 mph), large hail (upwards of an inch), an isolated tornado or two and heavy downpours. An isolated chance for showers will be possible along the Space and Treasure Coasts on Tuesday as well with the help of a weak sea breeze (10-15% chance of rain). The front will continue to move through the state Wednesday and into Wednesday night



bringing a chance for isolated to scattered showers and embedded thunderstorms (25-45% chance of rain). Severe weather is not expected; however, a thunderstorm or two could become locally strong. Isolated showers will return to the Southeast Florida coast on Wednesday as well, and may extend into interior South Florida (10-15% chance of rain). The front should clear the state on Thursday keeping



isolated shower chances in place on Thanksgiving Day across South Florida (15-35% chance of rain). The rest of the state can expect cooler and drier conditions, especially North Florida as a much drier air mass moves in. Breezy post-frontal winds will return with wind gusts reaching upwards of 20-25 mph at times, possibly upwards of 30 mph closer towards the coast. Increasing winds, very dry air dropping relative humidity values below critical thresholds and ongoing drought conditions will create elevated wildfire conditions Thursday throughout North Florida. Red Flag Warnings may be needed on Thursday for portions of North Florida given the increased breezy conditions.

High temperatures will remain in the upper 70s to middle 80s across the state on Tuesday and Wednesday before cooler air filter into the state. High temperatures on

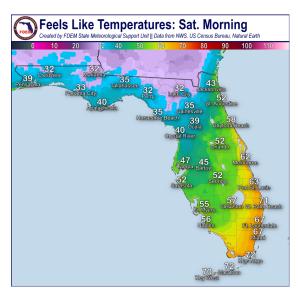




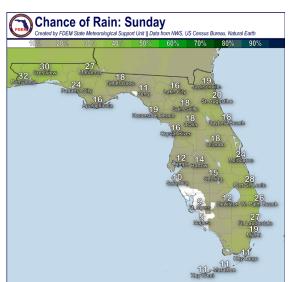
Thursday will reach the 60s throughout northern Florida towards the I-4 corridor, then remain in the 70s and lower 80s south of the I-4 corridor. Mild low temperatures will continue Tuesday night with temperatures falling into the upper 50s to upper 60s, except for coastal South Florida and the Keys which will remain in the lower 70s. Cooler air begins to filter in overnight Wednesday allowing for low temperatures to fall into the upper 30s to upper 40s for North Florida. Central and South Florida will remain in the 60s and 70s. Thursday night will be the coldest night as low temperatures will fall near or below freezing (32-34-degrees) across the I-10 corridor. Clear skies may allow for instances of patchy frost by sunrise Friday morning, and Frost Advisories may be issued. The rest of North Florida will see low temperatures in the middle to upper 30s and lower 40s. Central Florida will have low temperatures in the middle to upper 40s and South Florida will see low temperatures in the 50s and 60s.

## Friday - Tuesday:

Dry conditions will persist into the weekend across the state as high pressure establishes itself over the state. With dry conditions continuing, elevated wildfire conditions will remain present across North Florida through Saturday. Moisture begins to gradually increase and return late Saturday and into Sunday where there is a chance for isolated showers to return to close out the holiday weekend as another front may approach the state (15-30% chance of rain). This next frontal system could bring another round of showers and embedded thunderstorms early next week across portions of the state with the help of increased moisture. There is still high uncertainty regarding the next front as model depictions differ between the American and European models. The European is a bit more aggressive keeping the weak frontal boundary enact as it moves into the state Sunday and into Monday. The American model keeps the overall



system more disorganized and keeps the previous cold front from a few days prior lifting northward as a warm front and being the main mechanism to spark shower activity. As computer model guidance



continues to run and it gets closer to agreement, then more details will be available. Isolated rain chances will continue into Monday throughout North Florida and extend into Central Florida (15-35% chance of rain).

Friday's high temperatures will fall into the upper 50s to upper 60s through North and Central Florida and keep to the lower to middle 70s for South Florida. Conditions will begin to warm back up over the weekend with high temperatures returning to the 70s and lower 80s across the state by Sunday. Similar conditions can be expected for Friday night as temperatures begin to slowly warm up. Monday afternoon portions of West-Central Florida could see high temperatures return back into the middle 80s. By Saturday and Sunday nights, low temperatures return to the 50s across North Florida and 60s throughout the Peninsula with South Florida and the Keys keeping to the lower 70s.





**Tropical Weather:** Tropical development 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 of flash flooding across Florida during the next 5 days. Localized rainfall totals upwards of 1-2" may be possible with frontal systems moving through the state and bringing thunderstorm activity. There are no flooding concerns at this time given the lack of expected rainfall and ongoing drought conditions. For the latest on the rainfall outlook, please visit the Weather Prediction Center (WPC) website.

Water levels at the headwaters of the St. Johns above <u>Lake Harney</u> remain at Action Stage (*bank-full*) this morning, though continue to slowly discharge. For more information, visit the <u>River Forecast Center</u>.

Lake Okeechobee's average elevation is 13.73 feet, which is within the operational band and 1.16 feet <u>below</u> normal for this time of year.

#### **Drought & Fire Weather:**

For the first time since 2012, **Exceptional Drought (level 4 of 4)** has been introduced on the newest <u>Drought Monitor (11/20)</u> in the state of Florida. This was introduced into the northern Panhandle where the large short-term precipitation deficits continued, streamflows remained low and soil moisture continues to drop. There also has been increased activity in brush fires within the area and other degrading agricultural related factors. Over the last 60 days, most of the areas within the extreme to exceptional drought conditions have seen below 3" of rain. During this timeframe cooler than normal temperatures were observed, but they were accompanied by very dry conditions with relative humidity values falling to very low values. Streamflows along the Panhandle and Big Bend remain much below normal for the larger rivers along the Choctawhatchee, Ochlockonee, Suwannee, Sopchoppy and St. Marks. The Apalachicola River remains regulated through releases from the upstream dam. KBDI values remain above 500 (increase fire danger) throughout the region, which has contributed to the recent uptick in wildfire activity. The Significant Wildland Fire Potential Outlook for November calls for **above normal wildfire** activity across North Florida through the end of the month. Abnormally dry to moderate drought (level 1 of 4) has expanded further west and further south in western and southern Peninsula due to short-term deficits and low water levels, low streamflows and locally poor soil moisture.

With recent increased fire indices, water restrictions and low water levels will likely extend the moderate drought conditions further inland into South Florida and abnormally dry (emerging drought) along the Southeast Florida coast. Ongoing dry conditions, worsening soil moisture and water levels will likely lead to an expansion of extreme to exception drought conditions across the northern Panhandle and partially onto portions of the I-10 corridor this week. Severe drought conditions will likely push eastward close to the I-95 corridor.

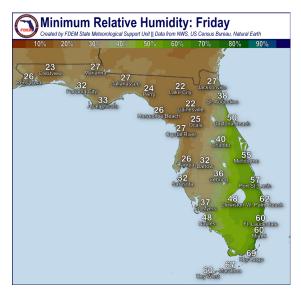
The Keetch-Byram Drought Index average for Florida is **515** (+**5**) on a scale from 0 (very wet) to 800 (very dry). There are <u>44</u> Florida counties that have an average KBDI above 500 (drought/increased fire danger). Calhoun and Leon counties have KBDI values above 700. **County Burn Bans** have been enacted for <u>15</u> counties as of 11/25 for the following counties: Alachua, Baker, Bay, Calhoun, Citrus, DeSoto, Gadsden, Gilchrist, Hardee, Jefferson, Leon, Liberty, Manatee, Sarasota and Union.

Wildfire conditions will remain **locally elevated** across North Florida through Wednesday due to ongoing drought conditions despite relative humidity values keeping above critical thresholds due to a front. Much drier and cooler air will filter into the state on Thursday behind the front allowing for relative



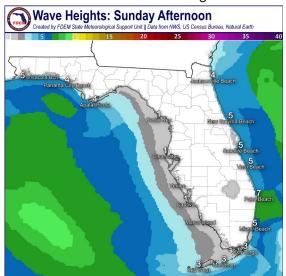


humidity values throughout North and Central Florida to fall well below critical thresholds (20-30%). Also behind the front will be breezy northerly to northwesterly winds with gusts upwards of 20-25 mph at times. These conditions may be enough to warrant Red Flag Warnings on Thursday across much of North Florida given the extreme drought conditions as well with the elevated wildfire threat. Drier will filter into West-Central and Southwest Florida as well, but lighter winds should keep conditions above Red Flag criteria Friday afternoon. While moisture will gradually increase across the state on Saturday, sensitive to locally elevated wildfire conditions will persist throughout North Florida given the deteriorating drought conditions and little rainfall forecast with the next frontal system early next week. According to the Florida Forest Service, there are currently 56 active wildfires across the state burning approximately 425 acres.



### **Rip Currents & Marine Hazards:**

As a front moves through the state Tuesday and Wednesday, winds will shift out of the north and become breezy leading to a **high risk for rip currents** along several Panhandle beaches. Calm marine conditions will help to keep the **moderate risk for rip currents** in place. Stronger winds will develop along the East Coast and flow onshore, as well as larger ocean swell, creating a **high risk for rip currents** throughout the rest of the holiday weekend. Panhandle beaches will largely see a **moderate to high risk for rip currents** as northerly winds continue before shifting out of the east later in the week. Northerly winds along the West Coast will create a **moderate to high risk for rip currents** near midweek before returning to a low risk on Saturday. Early next week another round of onshore



winds and larger ocean swells could lead to a **moderate risk for rip currents** along the West Coast. For the latest Rip Current Outlook, visit www.weather.gov/beach.

Mostly calm marine conditions are expected to continue to start the holiday weekend as wave heights will remain near 1-3' through Wednesday afternoon. Ocean swells will begin to increase along the eastern coastline reaching 4' on Thanksgiving afternoon. The West Coast will also start to see wave activity increase, but the largest swells are forecast to remain well offshore. By Friday afternoon, the entire eastern coastline can expect wave heights near 3-6', with larger breaking waves of 6-9' along the Southeast Florida coast. High Surf Advisories may be needed along beaches through Saturday afternoon where ocean swells of 5-7' linger. Sunday afternoon wave heights across the Panhandle will increase to 3-5' and eastern coastline will continue to see

wave **heights near 4-7**'. With the next frontal system approaching and moving through early next week, additional ocean **swells of 3-5**' will move along the Big Bend and West Coast.

The latest <u>Blue-Green Algae</u> report shows algal bloom conditions were observed within Lake Okeechobee at low to moderate to high bloom potential along the southeastern shoreline of the lake. <u>Moderate bloom potential</u> has also been observed along portions of the St. Johns River downstream





to Buzzard Island. The Caloosahatchee and St. Lucie Estuaries have no reported any algal bloom conditions.

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.

Have a wonderful holiday weekend!

Kennedy Tartt, Assistant State Meteorologist Florida Division of Emergency Management <a href="https://www.FloridaDisaster.org/Weather">www.FloridaDisaster.org/Weather</a>







# Florida NCAA Division I Football Forecast

\*All times are in ET\*



East Carolina vs. FAU	Saturday 12:00 PM EST	Boca Raton, FL
Isolated to scattered showers with wind gusts upwards of 25-30 mph.		
Kickoff Temperature: 75°	Halftime Temperature: 75°	Final Whistle Temperature: 76°

#13 Miami vs. Pitt	Saturday 12:00 PM EST	Pittsburgh, PA
Mostly cloudy skies with wind chills in the lower 30s.		
Kickoff Temperature: 36°	Halftime Temperature: 37°	Final Whistle Temperature: 37°

UCF vs. #11BYU	Saturday 1:00 PM EST	<u>Provo, Utah</u>
Mostly cloudy skies with a chance for snow flurries mixed in with rain showers.		
Kickoff Temperature: 41°	Halftime Temperature: 44°	Final Whistle Temperature: 44°

FIU vs. Sam Houston State	Saturday 1:00 PM EST	<u>Houston, TX</u>
Scattered showers and thunderstorms with wind gusts upwards of 25 mph.		
Kickoff Temperature: 70°	Halftime Temperature: 71°	Final Whistle Temperature: 71°

FAMU vs. Mississippi Valley State	Saturday 3:30 PM EST	<u>Itta Bena, MS</u>
Mostly cloudy skies with a chance for isolated showers and embedded rumbles of thunder.		
Kickoff Temperature: 60°	Halftime Temperature: 58°	Final Whistle Temperature: 55°

FSU vs. UF	Saturday 4:30 PM EST	<u>Gainesville, FL</u>
Partly cloudy skies with wind gusts upwards of 15 mph.		
Kickoff Temperature: 70°	Halftime Temperature: 64°	Final Whistle Temperature: 60°

Rice vs. USF	Saturday 7:00 PM EST	Tampa, FL
Partly cloudy skies with wind gusts upwards of 15-20 mph.		
Kickoff Temperature: 70°	Halftime Temperature: 67°	Final Whistle Temperature: 65°



