

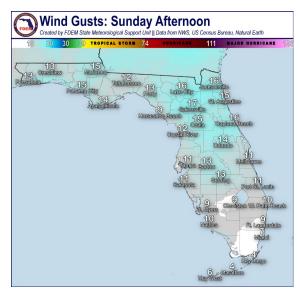




...Sunny and Dry Conditions Prevail Statewide as High Pressure Dominates...Near Zero Chances of Rain Across the State... Ongoing Drought and Low Relative Humidities Bring Sensitive to Elevated Wildfire Risk to Parts of North Florida Through Next Week... Temperatures Trend Warmer and Above Normal for Mid-November... Patchy Dense Fog Development Possible Across Portions of North and Central Florida Each Night...

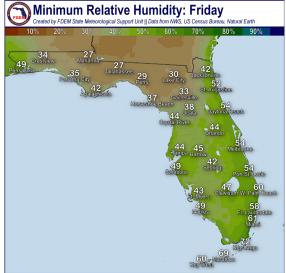
Friday – Tuesday:

The large scale upper-level weather pattern will feature a persistent high pressure over the center of the United States and low pressure across the Northeast U.S., extending southeastward off the Atlantic waters. In between these two systems, northwesterly flow will persist across the Southeast U.S. and over the entire state of Florida keeping dry continental air in place. As such, near-0 chances of rain exist across the entire state through the forecast period. Sunny skies and dry conditions will prevail with the only slight chance of a brief and light sprinkle across the Florida Keys or coastal Southeast Florida early next week (10-15% chance of rain). The dry airmass in place will limit any afternoon sea breeze shower development, however the sea breeze will still be active enough to allow for breezy winds along the coastal regions, with gusts upwards of 15-20 mph across Southeast Florida Friday and Saturday afternoon.



A dry frontal passage will pass mainly over the Atlantic waters east of Florida on Sunday, though breezy wind gusts of 15-20 mph may spread across Northeast Florida and the East Coast on Sunday afternoon and evening with this nearby frontal passage.

Temperatures will remain warm across the entire state with some areas becoming well above normal for mid-November standards. Across North and Central Florida, highs will reach the middle 70s on Friday with a warming trend into the weekend and early next week, reaching the upper 70s to lower 80s each afternoon. Highs across South Florida will reach the upper 70s Friday afternoon and warm into the lower to middle 80s this weekend and next week. Although humidities will remain low enough for feels-like temperatures to stay at or below the actual temperatures, **conditions will become much muggier** each day across North Florida through Tuesday.



As the warm and dry conditions persist, ongoing drought across much of North Florida will continue to deteriorate as vegetation dries out further and soil moisture levels decrease. Further, relative humidities will approach or drop below critical thresholds across North Florida Friday and Saturday afternoon (25-35% RH values), allowing for locally sensitive to elevated wildfire conditions to develop. Relative humidities will increase each day through the forecast period, keeping the overall wildfire threat lower. However, very dry background conditions from the drought will keep at least a locally sensitive wildfire risk in place each day through next week.

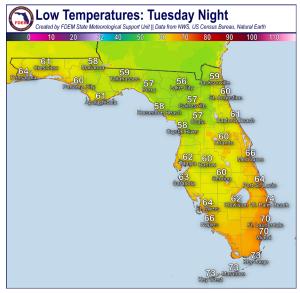
Low temperatures will remain cooler for one more night across North Florida Friday night, dipping into the





lower to middle 40s for interior locations and the lower 50s for coastal regions. Lows will warm up significantly this weekend, reaching only the upper 40s in the Suwannee Valley and lower to middle 50s elsewhere. By Sunday night, and through Tuesday night, lows will only dip into the middle to upper 50s across North Florida. Low temperatures in Central Florida will reach the middle 50s to lower 60s each night. In South Florida, much warmer overnight lows in the upper 50s to upper 60s, mainly along coastal communities, can be expected.

Patchy fog, which could be locally dense, will be a theme throughout the forecast period in portions of North and Central Florida each night. On Friday night, patchy dense fog may develop across interior Northeast Florida, the I-75 corridor in West-Central Florida, and portions of the western Panhandle. Low



temperatures will only reach the upper 40s to lower 50s across the Suwannee Valley on Saturday night, but winds will shift from the southwest allowing for greater moisture to stream over the Gulf and encourage additional fog formation extending southward across the Central Peninsula. Additional instances of **patchy fog** are possible along the I-75 corridor and West-Central Florida each night through Monday night. A **Dense Fog Advisory** is in effect for the western Panhandle Friday night into Saturday morning, and additional advisories may be issued across other portions of North and Central Florida each night through Monday night.

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, except for a slight chance for a sprinkle across the Keys or coastal Southeast Florida. However, any activity will remain light and brief and no measurable rainfall is expected. For the latest on the rainfall outlook, please visit the Weather Prediction Center (WPC) website.

The <u>St. Johns River at Astor</u> has finally dropped below minor flood stage allowing for the River Flood Warning to expire. However, water levels remain at Action Stage (bank-full), as well as at the headwaters of the St. Johns, <u>Lake Harney</u> and <u>Sanford</u>. There are no other riverine concerns statewide. Streamflows continue to decline across much of North Florida as the ongoing drought persists. For more information, visit the <u>River Forecast Center</u>.

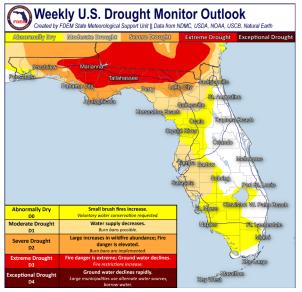
Lake Okeechobee's average elevation is 13.80 feet, which is within the operational band and 1.17 feet below normal for this time of year.

Drought & Fire Weather:

A frontal passage from this past Sunday (11/9) was the only rainfall of significance across much of the Sunshine State with rainfall totals remaining generally below 1 inch and spotty in nature. As such, no improvements were made to this week's <u>Drought Monitor outlook</u>. Across South Florida, some expansion of the abnormally dry (emerging drought) conditions further into Hendry and Glades counties was introduced where 30-day rainfall deficits continue to grow. Similarly, across the Tampa Bay metropolitan region, rainfall departures from the past 60 days (longer term) have grown to 4-6 inches







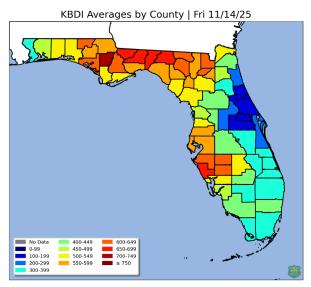
across the area. Some expansion of Moderate Drought (level 1 of 4) was introduced to western Pasco and Hernando counties, as well as Hardee and DeSoto. while remaining across Pinellas, Hillsborough, Manatee, and Sarasota. Across North Florida, Severe (level 2 of 4) to Extreme (level 3 of 4) Drought remain in place where a significant long-term drought has begun to take shape. In the past 60 days, rainfall deficits have neared 7 inches in some locations along the I-10 corridor. Streamflows in many streams, creeks, and rivers have dropped below their low thresholds. Some slight expansion southward of the drought categories across North Florida was seen in this week's outlook. Rainfall is not anticipated for the next week, at least, across North Florida or the entire state which will continue to expand the current drought conditions. For the I-95 corridor and East Coast, soils remain saturated from heavy rainfall in

October keeping any drought in check. However, the warm and dry conditions ahead may result in abnormally dry conditions to be introduced in some areas on next week's outlook.

The <u>Keetch-Byram Drought Index</u> average for Florida is **459 (+3)** on a scale from 0 (very wet) to 800 (very dry). There are <u>37</u> Florida counties (Alachua, Baker, Bay, Bradford, Calhoun, Charlotte, Columbia, DeSoto, Dixie, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Hillsborough, Holmes, Jackson, Jefferson, Lafeyette, Leon, Levy, Liberty, Madison, Manatee, Nassau, Okaloosa,

Pasco, Pinellas, Sarasota, Suwannee, Taylor, Union, Wakulla, Walton, and Washington) that have an average KBDI above 500 (drought/increased fire danger).

As dry conditions persist and vegetation continues to cure, **sensitive wildfire conditions** will develop during each afternoon across North Florida. However, **locally elevated wildfire conditions** are possible on Friday and Saturday afternoons as relative humidities approach or even dip **below critical thresholds (25-35% RH values)**. Winds will remain light on Friday and Saturday, though will increase on Sunday as a dry frontal boundary passes through with wind gusts **upwards of 15-20 mph** Sunday afternoon and evening. Relative humidities will increase back above critical thresholds (40-50% RH values) Sunday through Tuesday. *Patchy fog*



development overnight can reduce visibilities where any wildfires are ongoing and active. According to the <u>Florida Forest Service</u>, there are currently 30 active wildfires across the state burning approximately 497 acres.

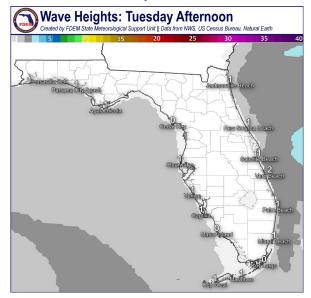
Rip Currents & Marine Hazards:

Breezy onshore winds from the daily sea breeze will keep a moderate risk for rip currents in place for all Panhandle and East Coast beaches through the weekend. Some relaxation of the onshore winds can be expected on Monday in the wake of the dry frontal passage on Sunday, which could lead to a low risk for rip currents statewide. However, as high pressure starts to shift eastward over the state on Tuesday, onshore winds will return to Southeast Florida and the Panhandle and a moderate risk





for rip currents should return to these locations. A low risk for rip currents is expected for Northeast Florida beaches early next week. For the latest Rip Current Outlook, visit www.weather.gov/beach.



Marine conditions will remain calm through the forecast period across the state. Surf around 1' is expected for all West Coast and Panhandle beaches through Tuesday, with 1-2' waves along the East Coast. A few waves upwards of 3' are possible on Sunday afternoon across Northeast Florida beaches as breezy winds from the dry frontal passage bring a slight increase in surf.

Red Tide was observed at background concentrations in Walton and Franklin County, background to very low concentrations in Bay County, and low to high concentrations in Gulf County across Northwest Florida. It was also observed at background concentrations from Volusia County along the Florida East Coast. Red tide was not observed in Southwest Florida (11/7).

As of 11/7, the latest <u>Blue-Green Algae</u> report shows blue-green algae was observed in 9 samples

across the state with algal bloom conditions at 4 of the 9 sites in the past 10 days, including Lake Summit in Winter Haven, St. Johns River near Buzzard Island, Kell-Aire Lake in Destin, and Veterans Memorial Park Pond in Pensacola. **Cyanotoxins** were detected in 3 samples across the state, including from the Lake Marian pavilion near Whittier, the northwest portion of Lake Echo in Lake Alfred, and the center of Lake Thonotosassa near Thonotosassa.

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



<u>USF vs Navy</u>	Saturday 12:00 PM EDT	Annapolis, MD	
Mostly cloudy skies with wind gusts of 10-15 mph, increasing throughout the game.			
Kickoff Temperature: 54°	Halftime Temperature: 56°	Final Whistle Temperature: 57°	

B-CU vs. Jackson State	Saturday 1:00 PM EDT	<u>Jackson, MS</u>	
Mostly sunny skies with winds gusts of 15-20 mph.			
Kickoff Temperature: 76°	Halftime Temperature: 79°	Final Whistle Temperature: 75°	

FAMU vs. Alabama A&M	Saturday 3:00 PM EDT	<u>Huntsville, AL</u>	
Mostly sunny skies with breezy wind gusts upwards of 20 mph.			
Kickoff Temperature: 75°	Halftime Temperature: 73°	Final Whistle Temperature: 68°	





UCF vs #6 Texas Tech	Saturday 3:30 PM EDT	<u>Lubbock, TX</u>
Mostly sunny skies w	ith wind gusts upwards of 15 mph, di	minishing after halftime.
Kickoff Temperature: 85°	Halftime Temperature: 82°	Final Whistle Temperature: 76°

NC State vs. #15 Miami	Saturday 3:30 PM EDT	Miami Gardens, FL	
Mostly clear skies with wind gusts upwards of 15-20 mph, diminishing after halftime.			
Kickoff Temperature: 78°	Halftime Temperature: 76°	Final Whistle Temperature: 74°	

FAU vs Tulane	Saturday 4:00 PM EDT	New Orleans, LA
	Mostly clear skies with light winds.	
Kickoff Temperature: 75°	Halftime Temperature: 71°	Final Whistle Temperature: 68°

<u>Liberty vs FIU</u>	Saturday 5:00 PM EDT	<u>Miami, FL</u>
Mostly clear skies	with light wind gusts upwards of 15 mph,	diminishing after halftime.
Kickoff Temperature: 77°	Halftime Temperature: 75°	Final Whistle Temperature: 74°

	UF vs. ^{#7} Ole Miss	Saturday 7:00 PM EDT	University, MS
Mostly Clear skies with breezy wind gusts upwards of 20 mph.			
	Kickoff Temperature: 70°	Halftime Temperature: 67°	Final Whistle Temperature: 64°

Virginia Tech vs. FSU	Saturday 7:30 PM EDT	<u>Tallahassee, FL</u>	
Clear skies and light winds.			
Kickoff Temperature: 65°	Halftime Temperature: 60°	Final Whistle Temperature: 57°	

Have a wonderful weekend!

Evan Newman, Assistant State Meteorologist Florida Division of Emergency Management www.FloridaDisaster.org/Weather



