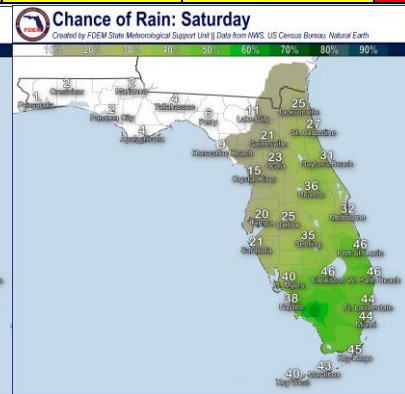
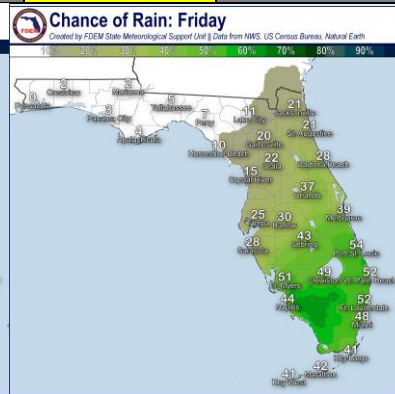
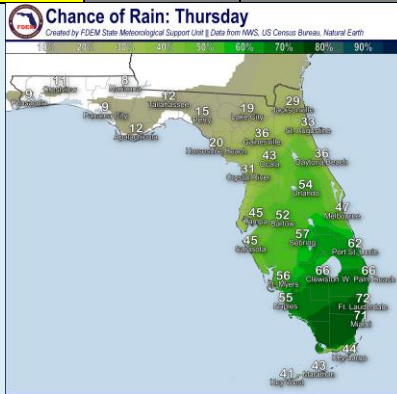


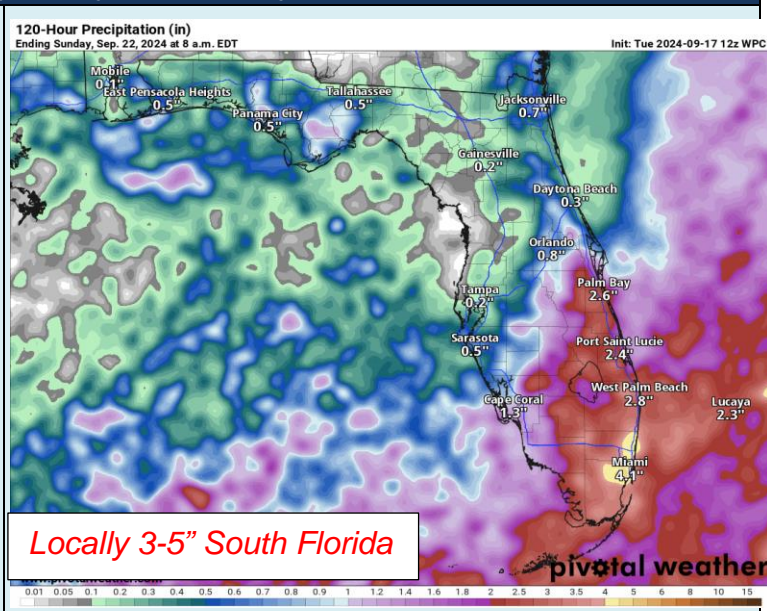
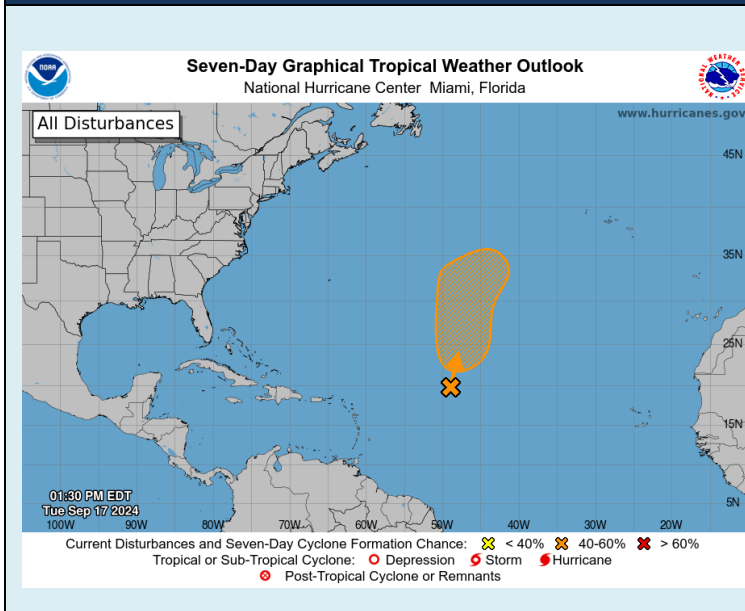
Tuesday, September 17, 2024

5-Day Statewide Weather Outlook

No Threat			Low Threat		Moderate Threat		High Threat	
Day	Lightning	Tornado	Damaging Wind/Hail	Coastal Flooding	Flash Flooding	Excessive Heat	River Flooding	Rip Currents
Tue	Locally East FL Panhandle & West FL		E-Central FL & Space Coast Iso. South FL	St. Johns River East Coast, South FL & Keys	Panhandle Iso. South Florida	Locally Central & South FL	St. Johns at Astor W-Central FL	East Coast Panhandle & SE FL West Coast
Wed	East & South FL North FL		Locally Iso. Peninsula	St. Johns River East Coast, South FL & Keys	Locally Iso. East-Central & South FL	Locally NE FL & Peninsula	St. Johns at Astor W-Central FL	East Coast SE FL Panhandle and West Coast
Thu	East & South FL NE & West FL		Locally Iso. Peninsula	St. Johns River East Coast, South FL & Keys	Locally Iso. South Florida	Locally NE FL & Peninsula	St. Johns at Astor W-Central FL	Palm Beach East Coast & Panhandle West Coast
Fri	South FL Peninsula		Locally Iso. South FL	Locally East Coast, South FL & Keys	Iso. South Florida	Central & South FL	St. Johns River at Astor Cypress Creek	Space Coast East Coast & Panhandle West Coast
Sat	South FL Peninsula		Locally Iso. South FL	Locally East Coast, South FL & Keys	Iso. South Florida	Central & South FL	St. Johns River at Astor Cypress Creek	Northeast & East-Central FL Southeast FL & Panhandle West Coast



Rain Chances: Thursday, Friday and Saturday

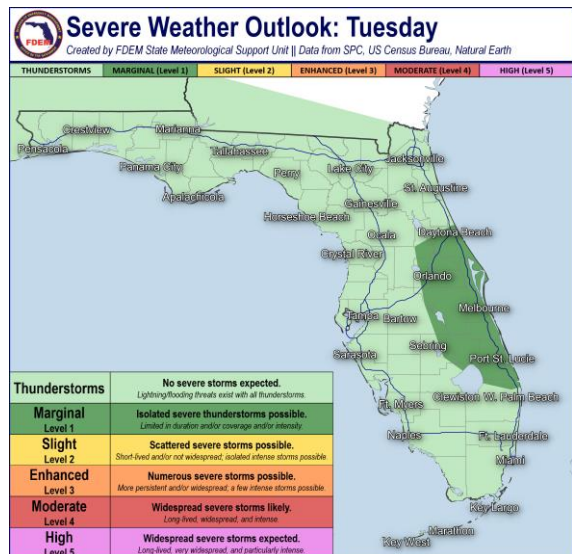


**...Daily Showers and Thunderstorms to Continue Through Midweek Across Panhandle and Eastern Peninsula...Isolated Strong to Severe Thunderstorms Possible Across East-Central Florida and Space Coast Tuesday...Lingering Frontal Boundary Remains In Place Along Coastal Panhandle and Central Peninsula...Locally Heavy Downpours Could Bring Instances of Localized Flooding...Decreasing Rain Chances Later this Week As Drier Air Moves Southward Across Panhandle...Warm and Muggy Conditions to Continue Throughout the Peninsula Each Day...Minor River Flooding Along West-Central Florida; Moderate Flooding for St. Johns...Minor to Moderate Coastal Flooding to Continue Along East Coast, South Florida and Keys Due to King Tides; Coastal Flooding Warning Along St. Johns River...**

**Tuesday – Wednesday:**

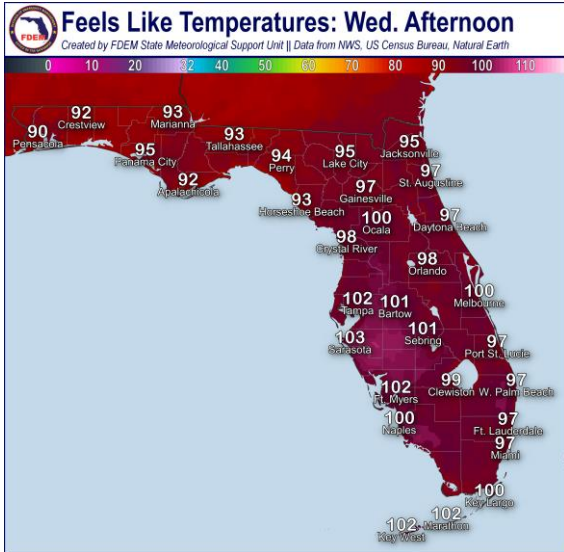
The stalled frontal boundary situated offshore along the Panhandle and into South Florida will gradually lift northward throughout the day on Tuesday. With the help of the frontal boundary, scattered showers and thunderstorms will develop across North Florida with the sea breeze, mostly south of the I-10 corridor. The greatest coverage for shower and thunderstorm activity will be along the Panhandle and western Big Bend (45-60% chance of rain), while more isolated to widely scattered showers and thunderstorms are possible for the eastern Big Bend and Northeast Florida (20-35% chance of rain). The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across the Panhandle through the Apalachicola River as additional heavy rainfall over saturated grounds and soils may create instances of **localized flash flooding** on Tuesday. Across the Peninsula, warm and humid conditions ahead of the front will create morning showers with embedded thunderstorms across South Florida. A similar set up can be expected on Wednesday as the stalled frontal boundary remains in place and then gradually lifts further north. Slightly drier conditions will develop on Wednesday across interior North Florida as an upper-level disturbance over the Mid-Atlantic and Northeast U.S. moves further north. The greatest chance for showers and thunderstorms will be kept to the Panhandle, mostly along and south of the I-10 corridor (35-50% chance of rain).

As the stalled frontal boundary lifts into the northern Peninsula throughout the day, additional scattered to numerous showers and thunderstorms will develop throughout the afternoon and evening hours mostly along and south of the I-4 corridor (50-65% chance of rain). The Storm Prediction Center (SPC) is outlooking a **Marginal Risk (level 1 of 5) for Severe Weather** along East-Central Florida and the Space Coast as **isolated strong to severe thunderstorms** are possible on Tuesday. **These thunderstorms** may be capable of producing frequent lightning, gusty winds (50-60 mph) and heavy downpours. *There is some uncertainty with the potential development of these thunderstorms with lingering cloud cover and showers lingering through the morning and early afternoon hours.* Showers and thunderstorms will generally weaken and dissipate late in the evening and into the overnight hours throughout the state. Lingering showers with embedded thunderstorms may continue along the western coastal Panhandle overnight due to the proximity of the frontal boundary (15-30% chance of rain). Scattered showers and thunderstorms may linger overnight along Southwest Florida but are forecast to dissipate as they attempt to move further inland. Across the Peninsula on Wednesday, the Gulf sea breeze boundary will move inland throughout the day allowing for scattered to numerous showers and





thunderstorms to develop ahead of the lingering frontal boundary (45-70% chance of rain). There is no organized risk for severe weather; however, **locally strong to severe thunderstorms** are possible during the peak heating hours of the state. **Any thunderstorm** that develops may be capable of producing frequent lightning, gusty winds (40-50 mph) and heavy downpours. Showers and thunderstorms will generally linger through the evening and early overnight hours as they shift eastward and offshore. A few lingering showers may continue near the coastlines or the adjacent coastal waters overnight across the Peninsula (20-40% chance of rain).



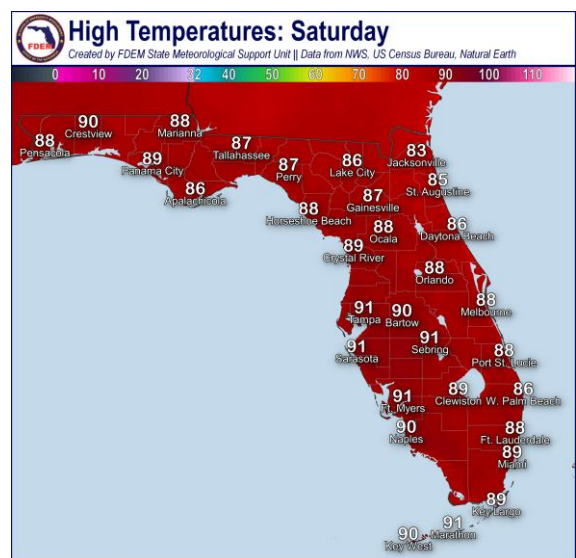
High temperatures will reach the low to middle 80s across North Florida and upper 80s to low 90s across Central and South Florida Tuesday. By Wednesday high temperatures will return to the upper 80s and low 90s statewide. **Warm and muggy conditions** can be expected to continue throughout the Peninsula with **heat index values in the upper 90s to middle 100s**. **Heat index values** will climb back into the middle 90s across the Suwannee Valley and Northeast Florida, and **upper 90s to middle 100s** throughout the Peninsula on Wednesday. Low temperatures will remain in the upper 60s to low 70s across North Florida, middle to upper 70s throughout Central and South Florida and low 80s across the Keys.

**Thursday – Saturday:**

The upper-level disturbance will continue to move over the Northeast U.S. allowing for slightly drier air to flow southward towards North Florida and the Panhandle. High pressure developing over the Central U.S. will also help to bring drier air across North Florida and along the Panhandle later in the week. Isolated to widely scattered showers and thunderstorms will still be possible each day with the help of the sea breeze and elevated moisture along the Northeast Florida coast (15-30% chance of rain). Later in the week and over the weekend, a weak cool front will gradually move eastward along the Panhandle, helping to bring slightly cooler temperatures and drier conditions.

The stalled frontal boundary will shift southward once again into the central Peninsula but will keep shower and thunderstorm activity contained to the sea breeze each day. The greatest chances for shower and thunderstorm activity through the end of the week will be across South Florida and ahead of the stalled frontal boundary (45-65% chance of rain). Eventually some of the drier air will make its way into South Florida by the end of the week and into the weekend allowing for shower and thunderstorm activity to become more isolated to scattered throughout the Peninsula. Organized severe weather is not expected; however, **any thunderstorm could become locally strong to severe** during the afternoons. Mostly dry conditions can be expected overnight, with a few lingering showers along the immediate coastline and coastal waters.

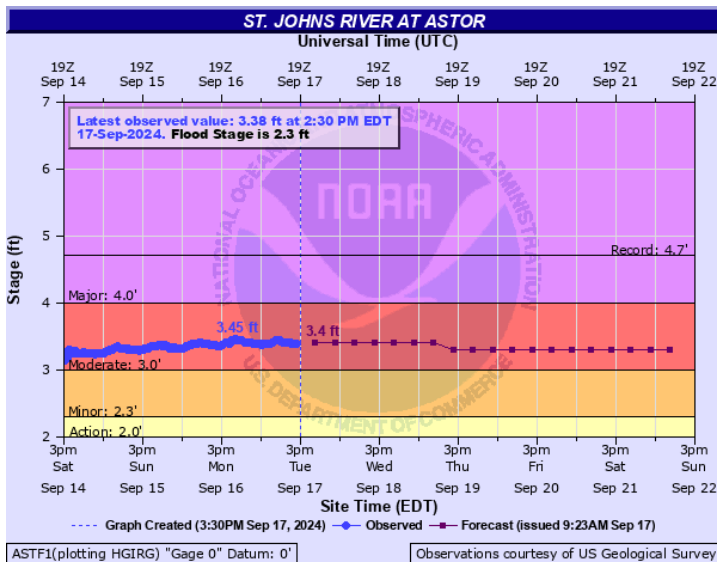
High temperatures will gradually warm up across North Florida, which will allow for high temperatures to reach the upper 80s to low 90s across the state. **Heat index values** from Northeast Florida and throughout the Peninsula will reach the **upper 90s to low 100s** on Thursday. With the help of drier air moving



southward, **heat index values** will remain in the **middle to upper 90s** throughout the Peninsula on Friday and Saturday and **low 100s** across the Florida Keys. Low temperatures will fall into the upper 60s and low 70s across North Florida and middle to upper 70s throughout the Peninsula. The Florida Keys will continue to see low temperatures in the low 80s.

**Hydrology & Flooding:**

The Weather Prediction Center (WPC) is outlooking a **Marginal Risk (level 1 of 4) for Flash Flooding** across the Florida Panhandle and eastward through the Apalachicola River as additional heavy downpours within shower and thunderstorm activity could lead to **localized flash flooding**, especially since grounds and soils remain saturated from recent heavy rainfall. While there are no other days outlined with flash flooding risks, **localized instances of flash flooding** during heavy and intense downpours may be possible within showers and thunderstorms. Recent heavy rainfall has made grounds and soils saturated, which may **exacerbate or lead to an earlier onset of any potential localized flooding** across urban and low-lying/poor drainage areas. Widespread rainfall totals of 0.5-2" can be anticipated statewide, with locally higher totals upwards of 3-5" possible across South Florida through Saturday evening. For the latest Flash Flood Outlooks, please visit the [Weather Prediction Center](#).



**River Flood Warnings** remain in effect for [Cypress Creek at SR 54](#), [Worthington Gardens](#) and the [Peace River near Arcadia at SR 70](#) due to ongoing **minor flooding**. The Peace River is forecast to fall below flood stage later in the morning on Thursday. Local rises within water levels are possible during any heavy downpours within shower and thunderstorm activity. Elevated tides and water levels due to onshore winds remain trapped within the St. Johns River basin allowing for **moderate river flooding** for the [St. Johns River at Astor](#). With additional trapped tides and ongoing onshore winds along the St. Johns River, **moderate river flooding** is forecast to continue for the next several days water levels are able to flush out.

With recent heavy rainfall along upper portions of the St. Johns River, additional forecast points along the river including Deland, Geneva, and above Lake Harney are forecast to hover near or just above Action Stage (bankfull) over the next few days through the end of the week. There are no additional riverine concerns at this time. For more details, please visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 14.96 feet, which is within the operational band and 0.39 feet above normal.

**Tropical Outlook:**

**Central Subtropical Atlantic (Remnants of Gordon):** Disorganized showers and thunderstorms over the central subtropical Atlantic as associated with the remnants of Gordon. This disturbance is forecast to interact with a non-tropical area of low pressure to its north while moving north-northeastward at 5-10 mph during the next couple of days. Environmental conditions could become more conducive for redevelopment later this week, and a tropical depression or storm could form by this weekend while the system moves solely northward over the central subtropical Atlantic. *This system poses no direct threat to Florida.*



\*Formation chance through 48 hours...**low...20%**.

\*Formation chance through 7 days...**medium...40%**.

For more details, please visit the [National Hurricane Center](#).

### Drought & Fire Weather:

Slight changes were made to this week's [Drought Monitor](#) that was released on Thursday (9/12). **Severe drought** persists along the Florida Panhandle and was extended through Jackson and Washington Counties and **moderate drought** was extended into northwestern Jefferson County. Over the last seven days from 9/3 to 9/5, the Florida Panhandle received widespread rainfall totals of 0.5-2" with locally higher totals of 3-6" along the coastal Panhandle but the greatest totals were just offshore over the Gulf waters. Despite this rainfall, long-term rainfall deficits from the last 30-days continue to be 2-5" inches below normal. *As a reminder, this outlook only takes into consideration through the Tuesday before (9/10), so the heavy rainfall that occurred after that will be used in the next update to be released on Thursday.* Cloud cover and elevated rain chances across the region did help to keep rainfall totals below normal through the reporting period. Across the Peninsula, rainfall totals of 2-5" were observed with locally higher totals upwards of 6-10" for portions of the northern Peninsula. Abnormally dry conditions were reduced along the Space Coast and removed from the Volusia County coastline where locally heavy rainfall occurred.

The [Keetch-Byram Drought Index](#) average for Florida is **89 (+8)** 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).

Recent heavy rainfall and saturated grounds will keep the overall wildfire threat across the state low. The active weather pattern with daily showers and thunderstorms will continue through the middle of the week throughout the state. *Thunderstorms will be capable of producing frequent lightning and erratic winds.* As drier conditions return across the Panhandle and much of North Florida, relative humidity values will remain above critical thresholds during the afternoon Friday and Saturday. **Locally sensitive wildfire conditions** may be possible along portions of the Panhandle due to ongoing drought conditions and for areas that missed the heaviest rainfall over the last several days. According to the [Florida Forest Service](#), there is 1 active wildfires across the state burning approximately 0 acres (as of 2:10 PM EDT).

### Rip Currents & Marine Hazards:

Lingering ocean swells left behind from Potential Tropical Cyclone Eight earlier this week and elevated tides will create a **moderate to high risk for rip currents** along all East Coast beaches through Thursday. Onshore winds and lingering locally elevated surf will continue to create a **moderate to high risk for rip currents** through the end of the week for all East Coast beaches. Several Panhandle beaches can expect to see a low to **moderate risk for rip currents** through the rest of the week due to light winds and surf near 1'. For the latest Rip Current Outlook, visit [www.weather.gov/beach](http://www.weather.gov/beach).

Lingering ocean swells left behind from Potential Tropical Cyclone Eight earlier this week will continue to slowly dissipate through the middle of the week. **Wave heights of 3-5'** can be expected for East Coast beaches Tuesday and into Wednesday before **declining to 2-4'** on Thursday and through the rest of the week. Panhandle and West Coast beaches can expect wave heights near 1' through late Friday evening. On Saturday, an ocean swell over the Gulf of Mexico will increase wave heights to 1-2'.





With the September full moon, **higher than normal astronomical tides (King Tides)** have developed throughout South Florida and the Keys and extend along the Florida East Coast. **Coastal Flood Warnings** are in effect through early Thursday, at least, and likely through the rest of the week along the St. Johns River basin due to **moderate coastal flooding** near and during times of high tide from trapped tides and elevated water within the basin. Lower portions of the St. Johns River could see **moderate coastal flooding** near and during times of high tide due to trapped tides trying to flush out of the river basin. **Coastal Flood Advisories** extend along the entire Florida East Coast as elevated surf on top of higher-than-normal astronomical tides could create **minor to moderate coastal flooding** and beach erosion near and during times of high tides through the middle of the week and likely through the weekend. Vulnerable beaches along portions of the East Coast could see greater beach and coastal erosion through the middle of the week with elevated tides and elevated surf. **Coastal Flood Statements** are in effect for portions of the Middle and Lower Keys due to the potential for **saltwater flooding** with the elevated tides.



**Red Tide** was not observed over the last week through 9/13. No reports of fish kills or respiratory irritation related to red tide were reported.

**Blue-Green Algae** was observed by samples at ten of the site visits out of the total 23 samples collected from 9/6 to 9/12. The best available satellite imagery for Lake Okeechobee on 9/12 was still partially obscured by cloud cover but shows scattered low to **moderate bloom potential** throughout the lake, with more condensed **moderate bloom potential** in the northern portion of the lake. The most usable satellite imagery for the St. Johns River from 9/3 shows **moderate bloom potential** on most of Lake George, with scattered low to **moderate bloom potential** on the mainstem of the St. Johns River downstream to Lake George to Shands Bridge. Despite partially obscured cloud cover on satellite images taken from 9/12 and 9/13 for the Caloosahatchee and St. Lucie Estuaries, no visible bloom potential was observed.

[NWS Mobile Daily Hazards](#)

[NWS Tallahassee Daily Graphical Hazards](#)

[NWS Jacksonville Daily Hazards](#)

[NWS Melbourne Daily Graphical Hazards](#)

[NWS Tampa 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:

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[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\*



<b>UF vs. Mississippi State</b>	<b>Saturday 12:00 PM EDT</b>	<b>Starkville, MS</b>
<b>Mostly sunny skies with wind gusts upwards of 5-10 mph.</b>		
<i>Kickoff Temperature: 83°</i>	<i>Halftime Temperature: 86°</i>	<i>Final Whistle Temperature: 89°</i>



<a href="#">Clark Atlanta vs. B-CU</a>	<b>Saturday 3:00 PM EDT</b>	<b>Daytona Beach, FL</b>
<b>Chance for isolated to scattered showers and thunderstorms and wind gusts upwards of 15-20 mph.</b>		
<i>Kickoff Temperature: 84°</i>	<i>Halftime Temperature: 83°</i>	<i>Final Whistle Temperature: 81°</i>
<a href="#">Monmouth vs. FIU</a>	<b>Saturday 6:00 PM EDT</b>	<b>Miami, FL</b>
<b>Scattered showers with possible embedded thunderstorms.</b>		
<i>Kickoff Temperature: 84°</i>	<i>Halftime Temperature: 83°</i>	<i>Final Whistle Temperature: 83°</i>
<a href="#">California vs. FSU</a>	<b>Saturday 7:00 PM EDT</b>	<b>Tallahassee, FL</b>
<b>Mostly clear skies with wind gusts upwards of 5-10 mph.</b>		
<i>Kickoff Temperature: 84°</i>	<i>Halftime Temperature: 81°</i>	<i>Final Whistle Temperature: 79°</i>
<a href="#">FAMU vs. Troy</a>	<b>Saturday 7:00 PM EDT</b>	<b>Troy, AL</b>
<b>Mostly clear skies with wind gusts upwards of 5-15 mph.</b>		
<i>Kickoff Temperature: 81°</i>	<i>Halftime Temperature: 78°</i>	<i>Final Whistle Temperature: 74°</i>
<b>#8</b> <a href="#">Miami vs. USF</a>	<b>Saturday 7:00 PM EDT</b>	<b>Tampa, FL</b>
<b>Mostly clear skies with a few clouds mixed in and wind gusts upwards of 10-15 mph.</b>		
<i>Kickoff Temperature: 82°</i>	<i>Halftime Temperature: 81°</i>	<i>Final Whistle Temperature: 77°</i>
<a href="#">FAU vs. UConn</a>	<b>Saturday 7:00 PM EDT</b>	<b>Storrs, CT</b>
<b>Partly cloudy skies with wind gusts upwards of 15-25 mph.</b>		
<i>Kickoff Temperature: 63°</i>	<i>Halftime Temperature: 60°</i>	<i>Final Whistle Temperature: 56°</i>

**UCF – BYE**

Have a wonderful rest of the week!

Kennedy Tartt, Assistant State Meteorologist  
 Florida Division of Emergency Management  
[www.FloridaDisaster.org/Weather](http://www.FloridaDisaster.org/Weather)

