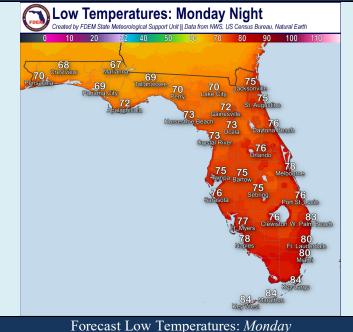
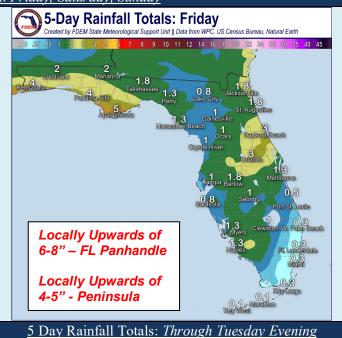




WPC Excessive Rainfall Outlook: Friday, Saturday, Sunday





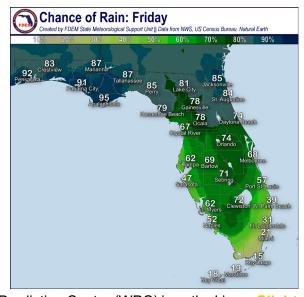




...Wet and Active Weather Pattern to Persist Across North Florida and Into Central and Southwest Florida Over the Next Few Days Thanks to Stalled Frontal Boundary and Slow-Moving Tropical Low Tracking Eastward...Widespread Heavy Downpours Likely to Give Way to Isolated to Scattered Instances of Flooding Across Portions of the State; Marginal to Slight Risk For Flash Flooding Across North Florida and Portions of Central Florida Over the Next 3 Days...Return to A More Typical Summertime Weather Pattern Early Next Week; Isolated Flooding May Still be Possible...Locally Strong to Severe Thunderstorms Cannot Be Ruled Out Statewide...Cooler Temperatures Along the Florida Panhandle and Into the Northern peninsula This Weekend...Warm and Humid Conditions Persist Along the Peninsula Over the Next 5 Days; Heat Advisories In Effect For South Florida and The Keys; Additional Heat Advisories Possible This Weekend...Breezy Winds Likely to Return to Portions of North Florida Early Next Week Numerous River Flood Warnings In Effect Along Northern and Central Peninsula For Minor Flooding...Moderate to High Risk for Rip Currents Along Florida Panhandle and East Coast...NHC Is Monitoring Several Disturbances In the Atlantic Basin; No Direct Threat To Florida Over the Next 5-10 Days At Least...

Friday-Sunday:

A very slow-moving tropical low will track east along a stationary frontal boundary draped along the Northern Gulf Coast today. Abundant moisture over the Gulf will be pulled northward into the frontal boundary across the Southeast U.S. ahead of the low. Widespread showers and thunderstorms can be expected across North Florida throughout the day with the frontal boundary serving as a focus for heavy rainfall (75-95%) chance of rain). Scattered to numerous showers and thunderstorms will stretch through the Peninsula as the frontal boundary and abundant moisture work to support increased activity with the sea breezes this afternoon and evening (45-75% chance of rain). Slightly drier air along portions of South Florida and along the Kevs will limit shower and thunderstorm activity throughout the day (15-45% chance of rain). Any thunderstorm may be capable of producing frequent lightning, gusty



winds (40-50 mph), and heavy downpours. The Weather Prediction Center (WPC) is outlooking a Slight Risk (level 2 of 4) for Flash Flooding across the Florida Panhandle and extending along the eastern I-10 Corridor today with a Marginal Risk (level 1 of 4) stretching southward towards Lake Okeechobee and through Southwest Florida as heavy and intense downpours could lead to scattered instances of flash flooding, especially along urban and low-lying/poor drainage areas and over saturated grounds. Flood Watches are in effect for portions of the Florida Panhandle and Northeast Florida until Saturday evening. Slightly drier air along portions of South Florida and the Keys will limit shower and thunderstorm activity throughout the day (15-45% chance of rain).

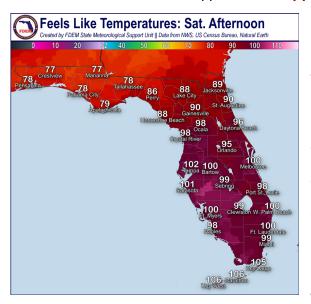
Scattered to numerous showers and thunderstorms will persist nearly statewide this weekend as the frontal boundary that has remained stalled along the Northern Gulf Coast slowly drifts southeastward, interacting with the afternoon sea breezes, and the next cold front approaches from the northwest (45-75% chance of rain). A Slight Risk for Flash Flooding remains in place along portions of the coastal Panhandle and Apalachicola Saturday with a Marginal Risk across North Florida and southward to the I-4 corridor. Showers and thunderstorms may be training in nature along the frontal boundary, and slow-moving showers and thunderstorms may also be possible with weakening winds. This activity may be capable of producing heavy downpours and could lead to isolated instances of flooding, especially along urban and low-lying/poor drainage areas and over saturated grounds. There





remains uncertainty surrounding the potential for continued rounds of heavy rainfall Sunday. Regardless, a **Marginal Risk for Flash Flooding** is maintained across North Florida and southward to the I-4 corridor Sunday additional heavy rainfall over already saturated grounds may result in isolated instances of **flooding**. Slightly drier air along portions of South Florida and the Keys will continue to limit shower and thunderstorm activity through the weekend (15-45% chance of rain). **Any thunderstorm across the state may be capable of producing** frequent lightning, gusty winds (40-50 mph), and heavy downpours this weekend.

Cloudy skies and developing widespread rainfall will keep high temperatures in the upper 70s and 80s across North Florida today with **heat indices** remaining in the upper 70s to upper 80s along the Florida Panhandle and upper 80s to **upper 90s** across the Northern Peninsula. The rest of the



Peninsula and the Keys can expect hot and humid conditions to develop this afternoon thanks to more abundant sunshine with high temperatures in the upper 80s to middle 90s and heat indices in the upper 90s to triple digits (100-112). Heat Advisories have been issued and will go into effect later this morning for portions of South Florida and the Kevs as heat indices are forecast to reach 108-112-degrees are expected this afternoon. Cloudy skies and continued rainfall will allow high temperatures in the upper 70s and 80s to persist across North Florida through the weekend. Central and South Florida can expect high temperatures in the upper 80s to low 90s persist through the weekend with heat indices rising into the upper 90 and triple digits (100-108) along the Peninsula and Keys thanks to elevated moisture and clearer skies. Heat Advisories may be needed for portions of the Peninsula and Keys again this weekend.

Scattered to numerous showers and embedded thunderstorms will continue through the overnight hours across the Florida Panhandle and Northeast Florida tonight (55-85% chance of rain) but gradually dissipate elsewhere (15-45% chance of rain). Through the weekend evening and overnight showers and embedded thunderstorms will generally follow a more typical summertime weather pattern, gradually dissipating through the evening and early overnight hours across the state (20-40% chance of rain). However, a few scattered showers and embedded thunderstorms will likely persist along coastal portions of North and Central Florida thanks to the lingering frontal boundary (40-65% chance of rain).

Low temperatures will fall into the upper 60s to low 70s along the Florida Panhandle, low to middle 70s across the Northern Peninsula, middle to upper 70s across Central Florida, and upper 70s to middle 80s along South Florida and the Keys. Areas of **patchy to locally dense fog** and **low clouds** may be possible overnight and early Saturday morning. Low temperatures across North Florida will continue to fall into the upper 60s to middle 70s through the weekend. Central Florida will remain in the middle to upper 70s and upper 70s to middle 80s across South Florida and the Keys through Sunday.

Monday - Tuesday:

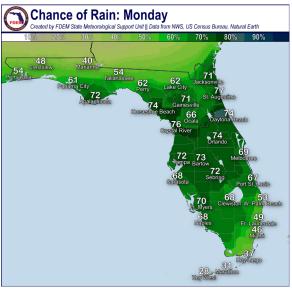
A frontal boundary will continue to remain draped across the eastern Gulf for much of next week. Meanwhile, high pressure will rebuild over the southeast Gulf and Mid-Atlantic U.S. An active, more typical summertime weather pattern will return to the state early next week as the lingering frontal boundary continues to interact with the sea breezes, creating scattered to numerous showers and thunderstorms across the state through the afternoons and evenings (50-75% chance of rain). Drier air





will begin to filter southward with the area of high pressure over the Mid-Atlantic, limiting shower and thunderstorm activity across portions of the Florida Panhandle (35-50% chance of rain). Drier air along the Florida Keys will also work to limit shower and thunderstorm activity Monday and Tuesday (25-45% chance of rain). Any thunderstorm across the state may be capable of producing frequent lightning, gusty winds (40-50 mph), and heavy downpours this weekend. Despite no organized risk for flash flooding through the rest of the period, any heavy rainfall along urban and low-lying/poor drainage areas or over already saturated grounds could lead to isolated instances of flooding and ponding of water.

Temperatures will cool down further across the state early next week thanks to this weekend's frontal boundaries. High temperatures will remain in the early to



middle 80s along the Florida Panhandle and eastern I-10 corridor, middle to upper 80s across the Northern Peninsula, and upper 80s to low 90s elsewhere Monday and Tuesday. Unfortunately, temperatures will still feel like they are in the upper 90s to triple digits (100-112) across much of the Peninsula and Keys late Monday and Tuesday afternoon. Heat Advisories may be needed for portions of the Peninsula and Keys early next week.

Shower and thunderstorm activity will gradually dissipate through the evening and early overnight hours across the state (20-35% chance of rain). A few scattered showers and thunderstorms may linger into the overnight hours along coastlines both nights (35-55% chance of rain). Low temperatures will continue to fall into the upper 60s to low 70s along the Florida Panhandle and Suwannee Valley Monday night but remain in the low to middle 70s Tuesday night. The rest of the Peninsula will remain in the middle 70s to low 80s Monday and Tuesday night with middle 80s along the Keys.

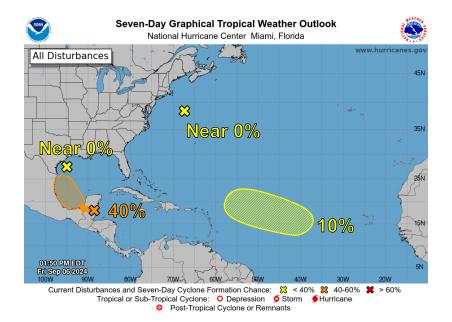
Tropical Weather:

Northwestern Gulf of Mexico (Invest 90L): Showers and thunderstorms associated with a low pressure system and weak frontal boundary over the northwestern Gulf of Mexico remain disorganized. The low is expected to be absorbed by the front and lose definition by tonight or on Saturday, and therefore tropical cyclone development is not expected. Regardless of development, heavy rainfall is expected to continue and possibly cause flash flooding across portions of the northern Gulf Coast during the next day or so. Additional information on this system can be found in products issued by your local National Weather Service Forecast Office and High Seas Forecasts issued by the National Weather Service. This system will likely bring heavy rains to portions of North and Central Florida over the next few days. The National Hurricane Center (NHC) is outlooking a low (near 0%) chance of development over the next 7 days.

Northwestern Atlantic (Invest 99L): An intensifying low pressure system located several hundred miles east of the U.S. Mid-Atlantic coast continues to take on a non-tropical structure and is now producing winds to storm force. Subtropical development of this system is not expected while it moves north-northeastward at 15-20 mph offshore the northeastern U.S. toward Atlantic Canada. Additional information on this system, including storm warnings, can be found in High Seas Forecasts issued by the National Weather Service. This system poses no direct threat to Florida. The National Hurricane Center (NHC) is outlooking a low (near 0%) chance of development over the next 48 hours, and a low (near 0%) chance of development over the next 7 days.







Southwestern Gulf of Mexico: A tropical wave located over Belize and the Yucatan Peninsula of Mexico is producing disorganized showers and thunderstorms. The wave is forecast to move into the Bay of Campeche on Saturday, where it could then begin to interact with a frontal boundary. A tropical depression could form during the early or middle part of next week while the system moves slowly northwestward over the southwestern Gulf of Mexico. This system poses no direct threat to Florida through the next 5-7 days but will continue to be monitored moves through the southwestern Gulf of Mexico. The National Hurricane Center (NHC) is outlooking a low (20%) chance of development over the next 48 hours, and a medium (40%) chance of development over the next 7 days.

Eastern and Central Tropical Atlantic Ocean: An elongated trough of low pressure over the eastern tropical Atlantic is producing minimal shower and thunderstorm activity. Development, if any, should be slow to occur while the disturbance meanders through the early part of next week and then begins to move west-northwestward across the central tropical Atlantic during the middle to latter part of next week. This system poses no direct threat to Florida over the next 7-10 days at least. The National Hurricane Center (NHC) is outlooking a low (near 0%) chance of development over the next 48 hours, and a low (10%) chance of development over the next 7 days.

For the latest on the tropics, please visit the National Hurricane Center website.

Hydrology & Flooding:

A very slow-moving tropical low will track east along a stationary frontal boundary draped along the Northern Gulf Coast today. Abundant moisture over the Gulf will be pulled northward into the frontal boundary across the Southeast U.S. ahead of the low, enhancing the potential for heavy rainfall across Florida. The most significant rains are expected to be focused along the Florida Panhandle Coast where the stationary frontal boundary is situated over the next few days, with some potential for impactful rainfall further inland, south of the Florida State Line. The Weather Prediction Center (WPC) is outlooking a Slight Risk (level 2 of 4) for Flash Flooding across the Florida Panhandle and extending along the Eastern I-10 Corridor today with a Marginal Risk (level 1 of 4) stretching southward towards Lake Okeechobee and through Southwest Florida as the potential for heavy rainfall continues. With increased soil moisture across portions of North Florida thanks to repeated rounds of rainfall yesterday, scattered flash flooding could occur in places where locally higher rainfall totals are realized.

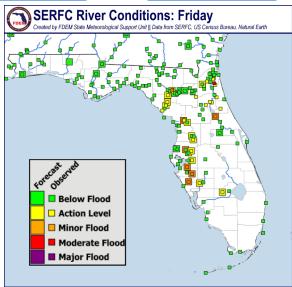




Instances of considerable flash flooding cannot be ruled out within the urban coastal zone today into Saturday. Urban and low-lying/poor drainage areas and saturated grounds, including those areas east of the Aucilla River that continue to see rainfall surpluses in the wake of Hurricane Debby, may see a faster onset of **flooding** in the event of locally heavy rainfall. **Flood Watches** are in effect for portions of the Florida Panhandle and Northeast Florida until Saturday evening. Scattered to numerous showers and thunderstorms will persist nearly statewide this weekend as the frontal boundary that has remained stalled along the Northern Gulf Coast slowly drifts southeastward, interacting with the afternoon sea breezes, and the next cold front approaches from the northwest. WPC is outlooking a Slight Risk for Flash Flooding remains in place along portions of the coastal Panhandle and Apalachicola Saturday with a Marginal Risk across North Florida and southward to the I-4 corridor. Showers and thunderstorms may be training in nature along the frontal boundary, and slow-moving showers and thunderstorms may also be possible with weakening winds. This activity may be capable of producing heavy downpours and could lead to isolated instances of flooding, especially along urban and lowlying/poor drainage areas and over saturated grounds. There remains uncertainty surrounding the potential for continues rounds of heavy rainfall Sunday, and updates to the forecast can be expected. A Marginal Risk for Flash Flooding is maintained across North Florida and southward to the I-4 corridor Sunday as isolated flooding may continue to be possible with additional heavy rainfall over already saturated grounds. WPC maintains a Marginal Risk for Flash Flooding along the Northern Peninsula and Coastal Big Bend Sunday as isolated instances of flooding may continue to be possible with additional heavy rainfall over already saturated grounds. Over the next 3 days, rainfall totals of 3-6" can be expected along the Florida Panhandle with locally higher totals upwards of 6-8" possible. Isolated higher rainfall totals in excess 8" cannot be ruled out along the Florida Panhandle coastline. Portions of the Peninsula will see rainfall totals remain closer to 1-3" over the next 3 days with locally higher totals near 3-5" possible. Despite no organized risk for flash flooding through the rest of the period, any heavy rainfall along urban and low-lying/poor drainage areas or over already saturated grounds could lead to isolated instances of flooding and ponding of water. For the latest Excessive Rainfall Outlook, please visit the Weather Prediction Center.

Numerous **River Flood Warnings** are in effect across the Northern and West-Central Peninsula. **Minor flooding** is ongoing along the <u>Myakka River at Myakka River State Park</u> and <u>Santa Fe River at Three Rivers Estates</u> as water levels continue to slowly decline following heavy rainfall from Hurricane Debby. Several other Northern and West-Central Peninsula rivers, creeks, and waterways (including the <u>St. Johns River at Astor, Withlacoochee River at US-41, Cypress Creek at SR 54 Worthington Gardens, Little Manatee near Wimauma at US 301, and the <u>Manatee River near</u></u>

Myakka Head at SR 64) have risen into or are forecast to rise into minor flood stage due to multiple rounds of locally heavy rainfall impacting already elevated rivers over the last few days. Rises in water levels across North and Central Florida rivers is expected today and through the weekend in response to widespread heavy rainfall. Heavy rainfall over already saturated grounds in the Northern and Central Peninsula could cause new or worsening riverine flooding, and minor to locally moderate flooding will be possible. Riverine flooding is not currently expected along the Florida Panhandle; however, instances of minor flooding cannot be ruled out should locally higher rainfall totals be observed over already elevated rivers and waterways. Coastal rivers along the Florida Panhandle are running below normal for this time of year and are less prone to flooding than usual and are likely to remain below flood stage over



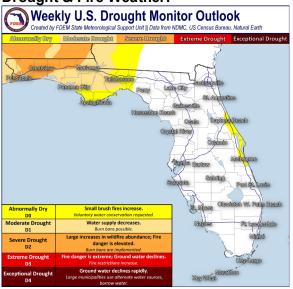




the next few days. Widespread rainfall will still cause water levels to rise on coastal rivers. For more details, please visit the River Forecast Center.

Lake Okeechobee's average elevation is 14.43', which is within the operational band and 0.10' <u>above</u> normal. Lake elevations have risen about 0.19' over the past week and 0.61' over the past 30 days. Water levels will likely continue to rise over the next week with widespread rainfall expected across the state.

Drought & Fire Weather:



Drying conditions across the Florida Panhandle have led to the expansion of existing drought conditions and introduction of Severe Drought conditions on this week's Drought Monitor update (9/5). While scattered showers and thunderstorms have yielded rainfall totals near 1-2" across the region, streamflows continue to be low and numerous Florida Panhandle rivers, creeks, and waterways have fallen into Low Threshold. Along the Alabama-Georgia-Florida border, soil moisture is beginning to dry out in deeper parts of the soil. 30-day rainfall defecits are now upwards of 3-6" along the Florida Panhandle. Severe Drought conditions have been introduced to western and northern portions of the Panhandle with Moderate Drought conditions now extending through the rest of the Panhandle and into western and central portions of the Big Bend. Abnormally Dry (emerging drought) conditions extend even further

eastward and southward across the Big Bend. Limited rainfall along the Florida East Coast has allowed for slight improvements in drought conditions across the region this week; however, *Abnormally Dry* conditions persist along the I-95 corridor through Volusia and Brevard Counties. 60-day rainfall defecits remain upwards of 3-6" along the Central-East Coastline. Enhanced heavy rainfall anticipated across North Florida over the next few days will likely allow drought conditions to improve.

The Keetch-Byram Drought Index average for Florida is 181 (-16) on a scale from 0 (very wet) to 800 (very dry). There are <u>nine</u> Florida Counties (Calhoun, Leon, Bay, Escambia, Holmes, Jackson, Okaloosa, Walton, and Washington) with an average KBDI over 500 (drought/increased fire danger).

The overall wildfire threat across the state remains low over the next 5 days. A wet and active weather pattern will persist over next few days thanks to a stalled frontal boundary and tropical low. Widespread showers and thunderstorms can be expected across North Florida with scattered to numerous showers and thunderstorms spreading across Central and Southwest Florida this afternoon. A stalled frontal boundary will linger over Central portions of the state next week as high pressure builds in to the north and southwest, allowing an active, but more typical, summertime weather pattern to return to the state. Relative humidity values will remain above critical thresholds statewide through the period. Breezy winds will likely redevelop across portions of North Florida early next week with wind gusts upwards of 10-20 mph possible. According to the Florida Forest Service fire dashboard, there are 8 active wildfires across the state burning approximately 248 acres (as of 12:31 PM EDT).

Rip Currents & Marine Hazards:

A moderate to high risk for rip currents can be expected along the Florida Panhandle and East Coast today due to breezy onshore winds and elevated surf. A low risk can be expected elsewhere. A moderate to locally high risk will likely return to the East Coast this weekend as winds calm; however, breezy onshore winds redeveloping early next week will likely allow a high risk to return. A moderate to locally high risk for rip currents will likely return to the Florida Panhandle





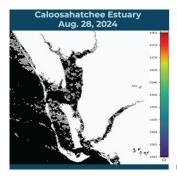
early next week. A low risk is expected to generally persist along West Coast through the period. For the latest Rip Current Outlook, visit www.weather.gov/beach.

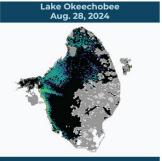
Breezy onshore winds along the East Coast will create waves of 3-5' throughout the day today. All other Florida beaches can expect wave heights to remain near 1-3'. As winds continue to calm this weekend, wave heights will return to 2-4' along the East Coast with 1-2' wave heights elsewhere. Breezy onshore winds will likely begin to redevelop along the Florida Panhandle and East Coast early next week, raising wave heights back to 3-5' along the East Coast and 2-4' along the Florida Panhandle. Locally 6-7' breaking waves may be possible further offshore along the Northeast and Central-East Coast Monday. All other Florida beaches will remain near 1-2' with locally 3' waves possible early next week.

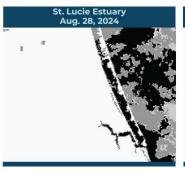
Coastal flooding is not expected over the next 5 days; however, breezy onshore winds and elevated surf along the East Coast and Florida Panhandle could bring elevated water levels and localized coastal flooding during times of high tide today and early next week.

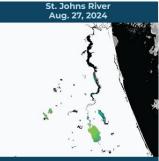
Red Tide has not been observed at or above background levels over the past week (as of 8/30). There have been no reports of fish kills or respiratory irritation suspected to be related to red tide.

Blue-Green Algae most recent satellite imagery from 8/28, although partially obscured by cloud cover, showed scattered low to moderate bloom potential throughout the northern half of Lake Okeechobee with areas of less scattered low to moderate bloom potential along the western shoreline. Satellite imagery of the St. Johns River obtained on 8/27 and partially obscured by cloud cover showed moderate bloom potential throughout Lake George with patchy low to moderate bloom potential on the mainstem of the St. Johns River downstream of Lake George to Doctors Lake. Satellite imagery obtained on 8/28 and partially obscured by cloud cover showed no bloom potential in visible portions of the Caloosahatchee or St. Lucie Estuaries.









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







Army vs. Florida Atlantic	Saturday 12:00 PM EDT	Boca Raton, FL
Mostly sunny with scattered showers and thunderstorms possible throughout the afternoon and wind gusts near		
10-15 mph.		
Kickoff Temperature: 88°	Halftime Temperature: 88°	Final Whistle Temperature: 89°

Mercer vs. B-CU	Saturday 3:00 PM EDT	<u>Daytona Beach, FL</u>
Partly sunny with scattered to numerous showers and a few thunderstorms throughout the afternoon and wind		
gusts near 10-15 mph.		
Kickoff Temperature: 87°	Halftime Temperature: 85°	Final Whistle Temperature: 82°

FAMU vs. #12Miami	Saturday 6:00 PM EDT	Miami Gardens, FL
Mostly sunny skies becoming partly	cloudy after sunset with a chance for	isolated showers and thunderstorms
and wind gusts near 10-15 mph and triple digit heat indices near kickoff.		
Kickoff Temperature: 87°	Halftime Temperature: 84°	Final Whistle Temperature: 83°

Central Michigan vs. FIU	Saturday 6:00 PM EDT	Miami, FL
Mostly sunny skies becoming partly	cloudy after sunset with a chance for i	isolated showers and thunderstorms
and wind gusts near 10-15 mph and triple digit heat indices near kickoff.		
Kickoff Temperature: 86°	Halftime Temperature: 85°	Final Whistle Temperature: 85°

Sam Houston vs. UCF	Saturday 6:30 PM EDT	Orlando, FL
Mostly sunny skies become mostly cloudy after sunset with scattered showers and isolated thunderstorms		
possible throughout the evening.		
Kickoff Temperature: 83°	Halftime Temperature: 80°	Final Whistle Temperature: 79°

USF vs. #4Alabama	Saturday 7:00 PM EDT	Tuscaloosa, AL
	Mostly sunny skies remaining clear after su	inset.
Kickoff Temperature: 78°	Halftime Temperature: 72°	Final Whistle Temperature: 67°

Samford vs. UF	Saturday 7:00 PM EDT	Gainesville, FL
Mostly cloudy with scattered s	howers and isolated thunderstorms a	and wind gusts near 10-15 mph.
Kickoff Temperature: 80°	Halftime Temperature: 77°	Final Whistle Temperature: 75°

FSU - BYE

Have a wonderful weekend! Melissa James, Assistant State Meteorologist Florida Division of Emergency Management www.FloridaDisaster.org/Weather



