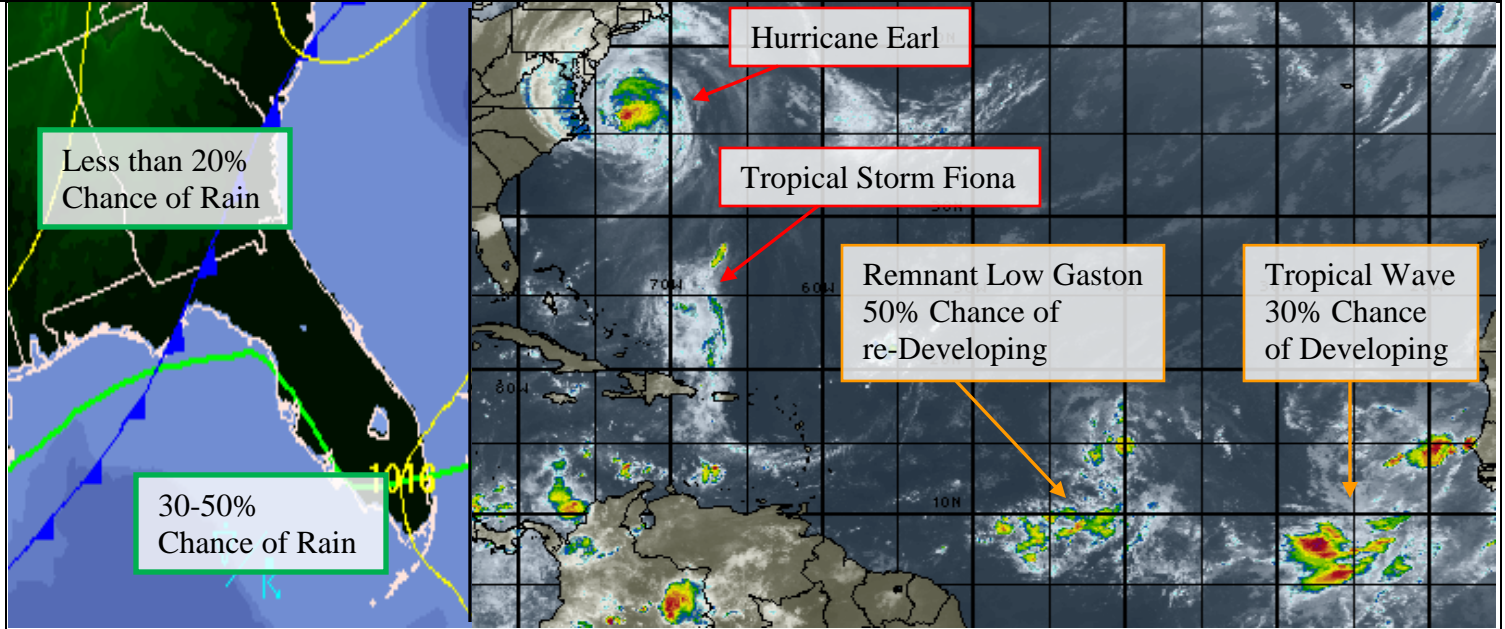
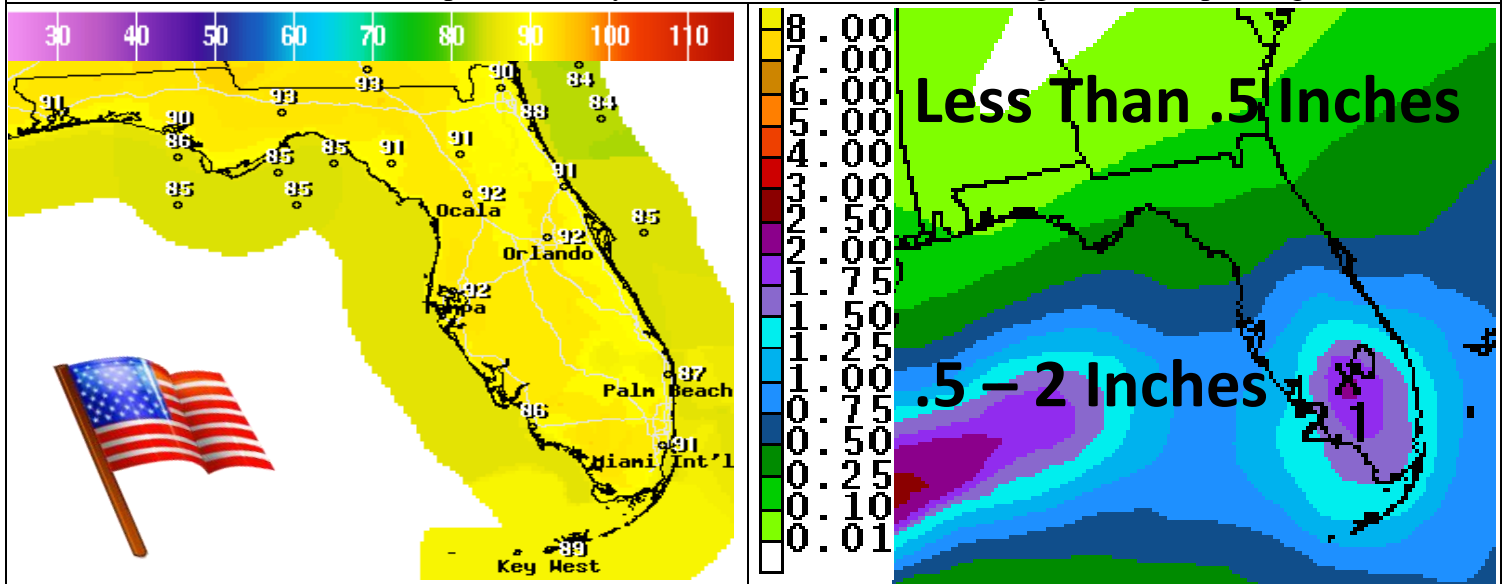


Friday, 3 September, 2010				5-Day Weather Outlook		
No Threat		Low Threat		Moderate Threat	High Threat	
Lightning	Damaging Wind	Tornado	Flooding	Heat	Tropics	Rip Currents
South FL (Fri), (Sat-Tue) Central FL (Sat), (Sun-Tue) Northeast FL (Sun-Tue)			South FL (Sat-Tue)	Statewide (Fri-Tue)		Northeast FL, East Central FL, Southeast FL (Fri-Mon), (Tue) Western Panhandle (Fri-Mon), (Tue) Eastern Panhandle, Big Bend West Central FL, Southwest FL (Fri-Tue)



Forecast Weather Map for Saturday (left) and Infrared Satellite Image of the Tropics (right).



Forecast Maximum Temperatures on Labor Day Monday.

Forecast Cumulative Rainfall Totals from Friday Morning through Sunday Morning.

...Dry and Comfortable Weather Expected for North Florida...
 ...Central and South Florida May See Scattered Showers and Thunderstorms Each Day...
 ...Dangerous Rip Currents Along All Atlantic Coast Beaches...Active Tropics with Hurricane Earl, Tropical Storm Fiona, Remnant Low Gaston, and a Tropical Wave...



Friday:

The very dry air over the state will begin to be modified today as a frontal boundary moves southeastward towards North Florida and southwesterly winds bring moist air into the Peninsula. The dry air will remain in place over North Florida however, and mostly clear skies can be expected.

The moist air will begin to flow into Central and South Florida starting today, with a slightly greater chance of afternoon showers and thunderstorms than in the previous days. The greatest chance of rain will be in the southern most areas, mostly south of Lake Okeechobee. Only a few showers will develop early this morning, mainly in southwest Florida, but by this afternoon more scattered showers can be expected across all of South Florida. The southwesterly winds will limit the ability of the east coast sea breeze to move inland today, so areas along the Treasure Coast will likely remain dry until late afternoon when the Gulf coast sea breeze moves across the Peninsula and reaches with the nearly stationary Atlantic coast sea breeze. None of the storms that develop today are expected to become severe and the main threats are lightning strikes and brief heavy rainfall. By tonight, most showers will either move offshore or dissipate and clearing can be expected by midnight.

High temperatures will peak in the mid 90s in North and East Central Florida today and will be in the low 90s elsewhere across the state. The dry air in place will keep heat index values low in North and Central Florida, only peaking in the mid 90s. In South Florida, where a little more moisture has moved in, heat indices will likely be near 100-104 degrees today. Overnight lows will drop into the upper 60s in interior locations of North and Central Florida while coastal areas will stay in the low 70s. South of I-4, in Central and South Florida, nighttime temperatures will be in the upper 70s at both inland and coastal areas.

Saturday & Sunday:

A weak cold front will move into North Florida early Saturday morning and will stall over Northeast Florida before moving back north on Sunday. Behind the front, high pressure will begin to build in from the Central Plains to the Southeast U.S. This high pressure system will move into the Florida Panhandle after the front passes early Saturday and will allow the dry weather pattern to continue across the area. The greatest chance for shower development will be over the eastern Big Bend where slightly more moisture will be in place, but all areas in Northwest Florida will have less than a 20% chance of rain on both Saturday and Sunday.

A high pressure system will build westward from the Atlantic over the southern Florida Peninsula on Saturday. The westerly winds around this system will combine with the energy from the stalled frontal boundary over the Northern Peninsula and will pull moisture from the Gulf of Mexico across the area. This will allow scattered showers and thunderstorms to develop each day across the Peninsula, mainly along the sea breezes. Rain chances will be lowest in Northeast Florida on Saturday while some dry air remains in place and limits shower development. Saturday night will be mostly dry across the state, but some locations across the Northern Peninsula, near the stalled frontal boundary, may see a stray shower or two. Also, South Florida will have around a 40% chance of rain during the night as scattered showers may continue to move across the area.



By Sunday the frontal boundary will move northward and out of the state. Enough moisture over the area will give the entire Peninsula a 30-50% chance of rain, most of which will be scattered afternoon showers. These showers will develop along the Gulf and Atlantic coast sea breezes, and most areas can expect to see a passing shower or two, with the greatest chance of rain in the late morning along the coast and during the afternoon or early evening in interior locations. There will be even less rain on Sunday night when compared to Saturday with very little rainfall expected statewide. Areas in Southeast Florida have the greatest chance of a stray shower throughout the night.

Temperatures on both Saturday and Sunday will be near 90 degrees across the state. Heat index values will be very different between each day and will be near the mid to upper 90s in North and Central Florida and close to 100-105 in South Florida on Saturday. The heat indices will be lower on Sunday and will be in the low 90s in North Florida, mid 90s in Central Florida and in the upper 90s to near 100 degrees in South Florida. Nighttime temperatures each night will drop into the mid 60s in interior North Florida. Coastal areas in North Florida will be near 70 degrees. Central Florida will have overnight lows in the mid 70s and South Florida will stay in the upper 70s.

Monday & Tuesday:

The weather pattern will not change drastically for Labor Day Monday or Tuesday as high pressure builds across the entire state. Dry air will remain over the Florida Panhandle for the beginning of next week and the area will continue to see mostly sunny skies and pleasant weather.

As the high pressure builds into the Southeastern U.S., onshore flow and lingering moisture over the Peninsula will allow passing showers to develop along the sea breeze each afternoon. The stronger easterly flow will allow the Atlantic coast sea breeze to develop and move quickly inland and across the Peninsula, while the Gulf coast sea breeze remains stationed along the west coast. Thus, the majority of the rainfall will develop over interior locations in the early afternoon and move towards West Central and Southwest Florida. Once the east coast sea breeze reaches the western Peninsula, the colliding sea breezes will result in an increase in shower activity over the west coast during the early evening. These same easterly winds will put the highest chance of overnight rain along the east coast while the remainder of the state remains mostly dry both Monday and Tuesday nights.

Daytime temperatures will stay in the low 90s statewide on Labor Day with heat index values in the mid 90s in North and Central Florida and in the upper 90s in South Florida. By Tuesday, temperatures will be slightly lower and highs will be near 90 degrees in North and Central Florida and in the upper 80s in South Florida. Heat index values will be similar to Monday in the mid 90s in North and Central Florida and in the upper 90s in South Florida. Overnight lows both nights are expected to be in the upper 60s to near 70 degrees in inland areas of North and Central Florida while coastal areas remain in the mid 70s. South Florida will have nighttime temperatures in the upper 70s each night.



[NWS Mobile Daily Graphical 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](#)
[Current Watches, Warnings, and Advisories Listed By County](#)

Rip Currents:

Large ocean swells in the wake of major Hurricane Earl will bring a **very high risk of dangerous rip currents for all beaches along Florida's Atlantic coast** through the holiday weekend. By next Tuesday, the winds and waves should support a lower risk and all Atlantic coast beaches will be down to a moderate level. The beaches across the Panhandle, Big Bend and south through the Peninsula Gulf Coast have a low risk of rip currents Friday through Monday, but by Tuesday the Western Panhandle beaches will likely have a moderate risk. [Daily rip current forecasts can be found here.](#)

Residents and visitors are encouraged to use extreme caution when swimming the surf this weekend. Beachgoers who want to learn more about the dangers of rip currents, how to identify them, and what to do if caught in a rip current can visit ripcurrents.noaa.gov.

Tropics:

Hurricane Earl has been decreasing in strength as it moves towards the north-northeast just offshore the eastern seaboard, and as of 2pm this afternoon was at Category 1 strength with maximum sustained winds near 80mph. Earl made its closest approach to the North Carolina coastline Friday morning, around 100 miles to the east, and is now on its way northeastward and is expected to approach New England Friday night and Nova Scotia Saturday.

At 8am Friday, Tropical Storm Fiona was located about 840 miles east of Cape Canaveral, Florida. Fiona had maximum sustained winds near 45mph as of 2pm Friday and is not expected to strengthen over the next few days as it passes near Bermuda early Saturday.

Tropical Storm Gaston became a remnant low pressure system on Thursday as it lost its center of circulation and now has a 50% chance of re-developing into a tropical system by mid-day Sunday. Computer models still suggest that the system could develop back into a tropical depression or storm as the remnant low moves westward through the tropical Atlantic and approaches the Leeward Islands next week.

The tropical wave in the eastern Atlantic between the western African coast and the Cape Verde Islands is becoming better organized with a large area of associated showers and thunderstorms. Some slow development is possible over the next few days, but there is currently only a 30% chance of this wave becoming a tropical depression within the next 48 hours. If this system does develop, the next name on the list is Hermine.

[Click here for the latest information from the National Hurricane Center.](#)



Florida NCAA Division 1 Football Forecast:

Saturday September 4, 2010

Florida State vs. Samford

Tallahassee, Florida

Kickoff: 12:00pm EDT

Mostly clear skies with less than a 15% chance of rain. Temperatures will rise from around 84° at kick-off to around 92° at game's end, with heat index values staying below 90° throughout the game. Light northeast winds between 3-5mph.

Florida vs. Miami University (of Ohio)

Gainesville, Florida

Kickoff: 12:00pm EDT

Temperatures will be between 88-91° from the start to the end of the game with heat index values near 93°. Rain chances will be around 40% under a mostly cloudy sky. Winds will be very calm, less than 2mph, out of the east-northeast.

Bethune-Cookman @ Edward Waters College

Daytona Beach, Florida

Kickoff: 4:00pm EDT

Rain chances will be low, around 20%, under a partly cloudy sky. Temperatures will begin around 88° and drop to near 84° by game's end with heat index values dropping from 92-88°. Winds will remain around 7mph but will shift from the northwest to the northeast near half-time.

UCF vs. University of South Dakota

Orlando, Florida

Kickoff: 6:00pm EDT

Temperatures will drop from near 86° at kick-off to around 82° by the end of the game and heat index values will drop from 90-86°. Winds will remain around 7mph but will shift from the west-northwest to the south around half-time. Partly cloudy skies with rain chances dropping from around 30% at the beginning of the game to 20% by game's end.

USF vs. Stony Brook University

Tampa, Florida

Kickoff: 7:05pm EDT

Temperatures will remain steady around 82° throughout the game with a heat index of 87°. Partly cloudy skies with rain chances dropping from 30% to 20% around half-time. Winds will be around 5-7mph out of the west.

For the official National Weather Service forecast, please click on one of 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 great Labor Day weekend and enjoy the start of football season!!

Michelle Palmer
Deputy State Meteorologist
State Meteorological Support Unit

Florida Division of Emergency Management
www.FloridaDisaster.org



FDEM Statewide Weather Synopsis
09.03.10

