

## JUNE 2024 CLIMATE SUMMARIES

### National Weather Service Tallahassee - Tri-State Area

***Note:** The data below is based on our eight official climate sites across the FL Big Bend/Panhandle, SE AL, and SW GA, which we issue [daily](#) and [monthly](#) products for. Visit <https://www.weather.gov/wrh/climate?wfo=tae> for more information. Corresponding figures can be found below the written content.*

Tallahassee - Much warmer and drier than normal. The average monthly temperature of 84.2° was 3.4° above average and good for the 3rd warmest June on record. There were a total of three 100° June days, the most since 2022. The highest max temperature of the month was 101° on the 25th, which tied the daily record with 1988 and 1931. The highest min temperature was 78° on the 27th - tied for the 3rd warmest June low on record (first place is 80° from 6/27/2023). In fact, this is the warmest June on record by average min temperature at 73.8°, surpassing the previous holder from 1952 by nearly a full degree! Looking at rainfall, [KTLH](#) experienced an abnormally low amount at only 3.91” or 3.85” below average. There were 21 days of either a trace amount or lower measured by the airport. The greatest 24-hr accumulation was 1.25” on the 16th.

Remainder of the FL Big Bend - Much warmer and drier than normal. Apalachicola’s mean average temperature of 82.8° was 2.1° above average. The highest max temperature was 96° on the 25th while the warmest min temperature was 82° (1° off tying the monthly record). It was the 2nd warmest June on record by average min temperature at 75°, trailing 2015. There were a total of twenty 90° days, which is tied for 3rd most on record, and the most since 25 in 2015. In terms of rainfall, a total of 3.15” was measured at [KAAF](#), which is nearly 3” below normal. The greatest 24-hr accumulation was 1.29” from the 27th-28th. Cross City was also nearly 2° below normal by average mean temperature at 82.1°. The highest max temperature was 97° on the 13th while the lowest min temperature was 63°. All but 1 day was met with 90°, which ties for the most observed in June with 1998 and 1952. For precipitation, a total of 4.8” was measured at KCTY - well below the current 30-yr (1991-2020) climatological mean of 7”. The greatest single-day accumulation was 1.78” on the 16th.

FL Panhandle - Warmer and mostly wetter than normal. Marianna’s mean temperature of 82.5° is a little over 1° above normal. The highest max temperature was 101° on the 25th, the first 100°-day of the year. A low of 67° was recorded 3 times, the coolest readings of the month. Marianna was on the drier side of the Panhandle with a monthly accumulation of 3.29” or 1.78” below the current 30-yr climate normal period. The greatest single-day amount at KMAI was 1.03” on the 29th. As for Panama City NW, the average mean temperature was also 82.5° (2.3° above normal). The highest max temperature was 98° on the 15th & 22nd - one of twenty-two 90° days and the 3rd most observed in the period of record for [KECP](#) dating back to 2010. The warmest min temperature was 81° on the 26th. Unlike Marianna, Panama City NW was notably

wetter than normal with a monthly amount of 8.68", which is nearly 3" above average. The greatest 24-hr accumulation was 3.88" from the 27th-28th, which contributed to the greatest single-day value observed in the 2010-present period of record.

Southwest GA - Much warmer and drier than normal. Albany had an average monthly temperature of 83°, which is about 2° above average and just outside the top-10 warmest Junes on record. The highest max temperature of 103° on the 25th tied a daily record high with 1914. There were a total of three 100° days; a feat last accomplished in 2011 when 7 were observed. In terms of rainfall, only 2.22" was measured at [KABY](#), which is well below average by nearly 3" and the 15th-driest June on record. The greatest 24-hr accumulation was 1.1" from the 27th-28th. For Valdosta, the average monthly temperature of 83.7° is good for the 4th warmest June on record. The highest max temperature was 103° twice, on the 23rd (new daily record high, beating 102° from 2002) and on the 25th (new daily record high, surpassing 101° from 2009). It was the first time since 1998 that [KVLD](#) reported multiple 103°+ June days - 2 shy of tying the record from 2011! Looking at precipitation, only 1.26" was measured for the month, of which 1.15" of this June's total fell from the 26th-27th. That amount is significantly lower than average and is unofficially the driest June on record. The most recent comparable accumulation was 1.27" from 1990.

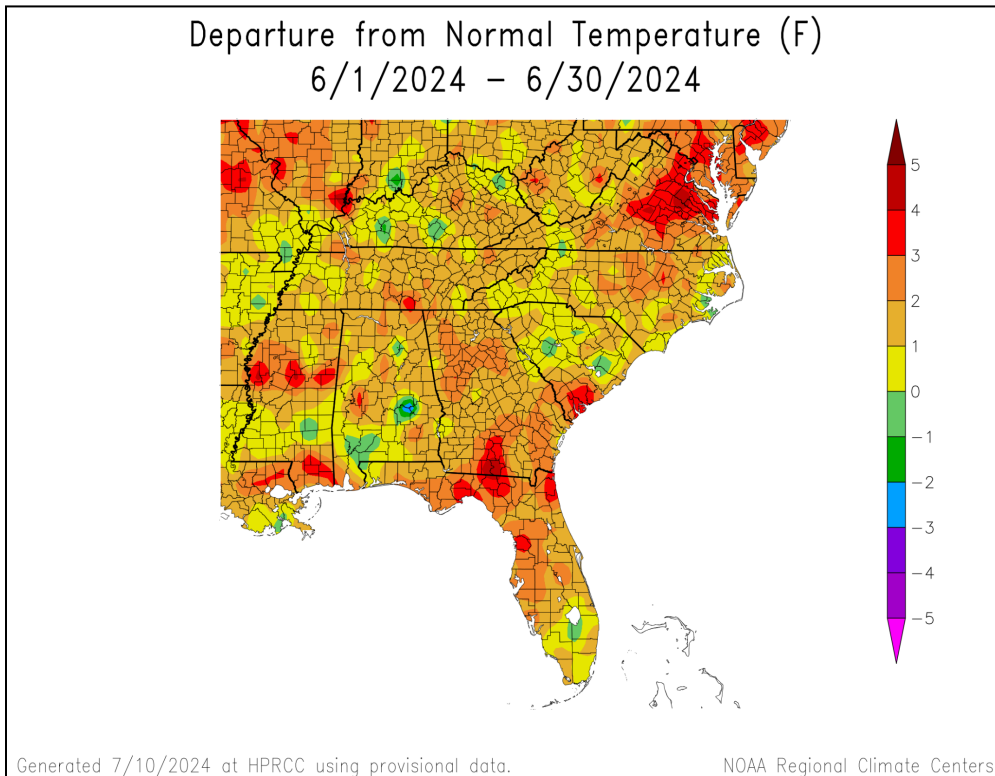
Southeast AL - Mostly warmer and drier than normal. Dothan's mean average temperature of 82.4° was 1.4° above normal. The highest max temperature was 103° on the 25th, which set a new daily record - surpassing 101° from 2009. This reading was tied for the 3rd highest June temperature observed at [KDHN](#) and hottest since 2011. There were a total of fifteen 95° days, the most since 2019 and tied for 5th most on record. The lowest min temperature of 66° was achieved 3 times on the 1st, 2nd, and 8th. Pivoting to rainfall, the monthly total was 3.69" or 1.39" below normal. The greatest 24-hr accumulation was 1.34" on the 16th.

Local Drought Status - Given the dearth in rainfall and hot temperatures in June, much of the [Tri-State area](#) is experiencing D0 abnormally dry conditions with most of Dale & Henry County, AL under D1 moderate drought. The only exception is the FL Panhandle where locally greater precipitation occurred. At the start of July, the D1 covered parts of South-Central GA down to the Eastern FL Big Bend, but a wetter beginning to this month led to class-1 improvement.

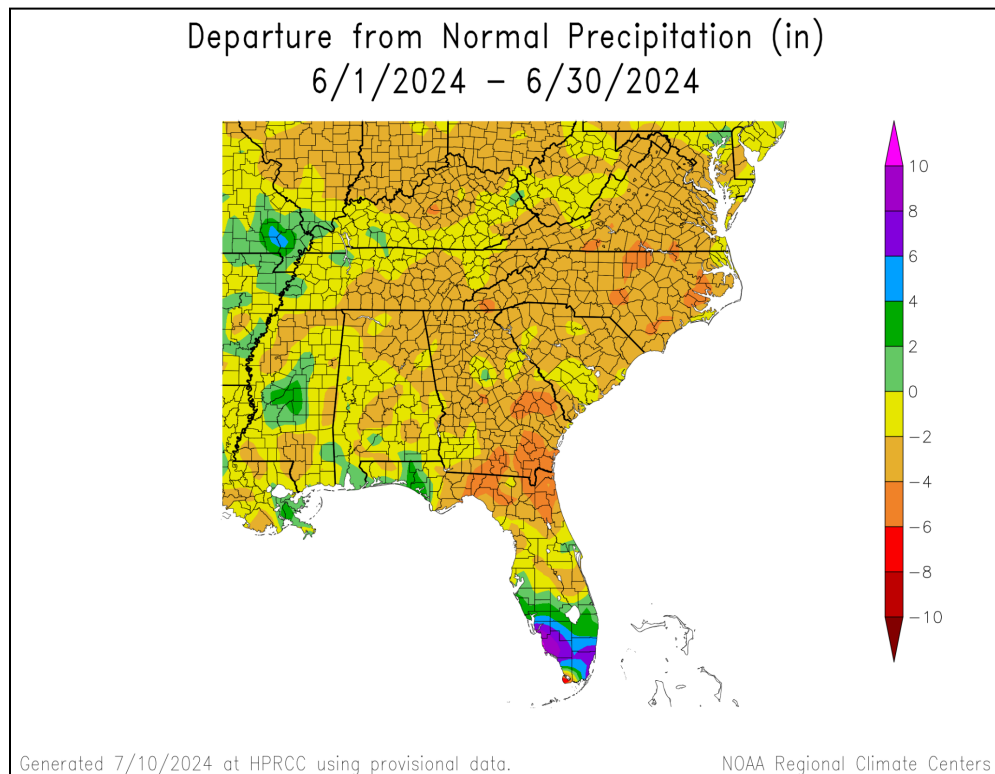
2024 Atlantic Hurricane Season Monthly Recap - The [first month of this hurricane season](#) saw three named storms: Alberto, Beryl, Chris. Tropical Storm Alberto developed over the Bay of Campeche on June 17th and brought tropical-storm force winds to portions of Southern TX. Beryl formed on June 28th, then became the earliest category-4 & 5 Atlantic hurricane on record a few days later over the Eastern Caribbean and eventually made landfall along the Central TX Gulf Coast at category-1 strength with max sustained winds of 80 mph on July 8th. Tropical Storm Chris developed in the SW Gulf on June 30th before making landfall in Eastern Mexico.

Local Tropical Cyclone June Climatology - Reliable hurricane records dating back to 1851 show that 15 tropical cyclones tracked within [60 nautical miles of Apalachicola, FL](#) in June. The most recent storm to do so was Colin in 2016, which made landfall in the SE FL Big Bend. In the naming era, other storms were Debby 2012, Alberto 2006, Allison 1995, Agnes 1972, and Alma 1966. The latter two made landfall as category-1 hurricanes near Port St Joe and St Marks, respectively. With the exception of Agnes, the aforementioned named storms were during ENSO-neutral conditions.

## June 2024

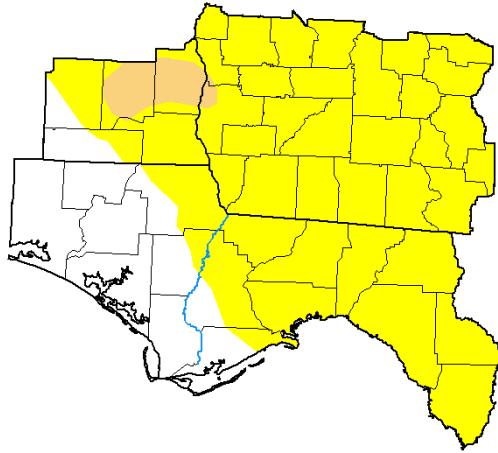


## June 2024



# U.S. Drought Monitor Tallahassee, FL WFO

**July 9, 2024**  
(Released Thursday, Jul. 11, 2024)  
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	21.98	78.02	3.54	0.00	0.00	0.00
<b>Last Week</b> 07-02-2024	21.69	78.31	19.49	0.00	0.00	0.00
<b>3 Months Ago</b> 04-09-2024	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 01-01-2024	66.77	33.23	0.01	0.00	0.00	0.00
<b>Start of Water Year</b> 09-26-2023	38.17	61.83	36.68	6.93	0.00	0.00
<b>One Year Ago</b> 07-11-2023	100.00	0.00	0.00	0.00	0.00	0.00

Intensity

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

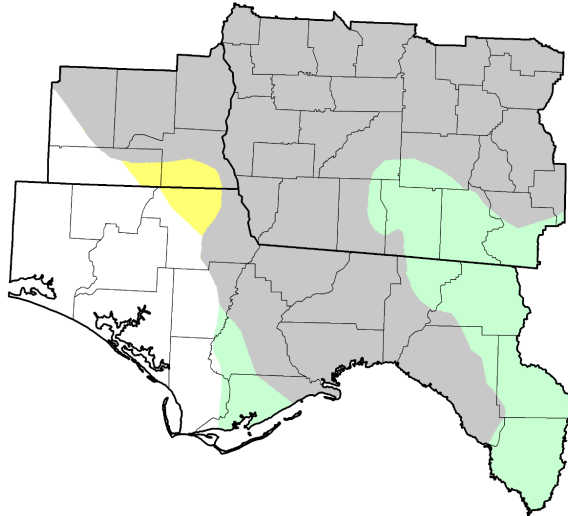
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National Drought Mitigation Center



[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

## U.S. Drought Monitor Class Change - Tallahassee, FL WFO 1 Week



July 9, 2024  
compared to  
July 2, 2024



- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement

[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

## Hurricane Beryl Satellite Image at or near Peak Intensity



## Historic June Hurricane Tracks within 60nm of Apalachicola, FL (1851-present)

