

## MAY & SPRING 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.*

**Tallahassee** - Much warmer and wetter than normal. Tallahassee experienced its 3rd warmest May on record by average temperature at 78.6°, equating to a +3.4° anomaly! There were a total of twenty 90° days, three shy of the record from 1899. The highest observed temperature of 96° on the 9th set a new daily record high (surpassed 95° from 1986), and was the 3rd earliest 96° day on record (trailing 1st place 5/2/1990). Another 96° reading was measured on the 26th. Tallahassee was also exceptionally wet, with a total monthly amount of 7.69", which is the highest since 1997! The greatest 24-hr accumulation of 3.7" from the 13th-14th exceeded the normally dry climatological value for the entire month by nearly a half inch! Interestingly enough, there were no new records set while the May 2024 totals were just outside of the top-15 rankings. A peak wind gust of 66 mph was reported on the 10th at [KTLH](#) during the passage of an [intense severe squall line](#) that produced two EF-2 tornadoes in the Tallahassee area.

**Remainder of the FL Big Bend** - Much warmer and wetter than normal. Apalachicola experienced its 4th warmest May since 2015 with a mean average temperature of 77.9°, just over 3° above normal! The first 90° day of the year was on the 16th, which is early by 4 days on average. Two new daily max temperature records were set on the 28th (94° surpassing 93° from 1989) and 29th (96° leapfrogging 93° from 1937). The latter was the highest measured temperature of the month. In terms of rainfall, the monthly total was 3.95" or 2.08" above normal. The greatest 24-hr accumulation 2.13" from the 13th-14th. A peak wind gust of 70 mph was reported on the 17th at [KAAF](#) when a "mini derecho" plowed through the area. Cross City yielded similar temperature/precipitation results with a monthly mean of 77.1° (4th warmest May over the past 30 years) and 3.26" total (+2.4" anomaly). The highest max temperature at [KCTY](#) was 95° on the 31st.

**FL Panhandle** - Warmer and much wetter than normal. Panama City NW had a mean average temperature of 77.1°, or 2.9° above normal. The first 90° day of the year was on the 16th, late by 5 days on average with 96° being the highest observed max temperature on the 28th. A total of 5.24" was measured at [KECP](#), which is 2.24" above normal. The greatest 24-hr accumulation was 2.55" from the 13th-14th. A peak wind gust of 64 mph was reported on the 10th from severe storms. Marianna experienced its 5th warmest May over the past 30 years with a mean average temperature of 77.6°. The highest max temperature was 95° on the 28th. Looking at rainfall, a whopping 9.45" (an anomaly of +6.3") was measured at [KMAI](#) for the month, which is the most observed in May on record. The greatest 24-hr accumulation was 4.26" from the 17th-18th.

Southwest GA - Much warmer and wetter than normal. Albany's average temperature was 76.4° or 1.1° above normal. The highest temperature AT [KABY](#) was 93° on the 26th. Monthly rainfall totals yielded 7.51", which is good for the 10th wettest May on record. The greatest 24-hr accumulation was 2.78" from the 17th-18th. Valdosta experienced its 2nd warmest May on record by average temperature at 78.2° (trailing just behind 1953) and is over 5° warmer than normal! The 5.72" of rain that fell is good for the 5th wettest May on record! The greatest 24-hr accumulation at [KVLD](#) was 1.57" from the 13th-14th.

Southeast AL - Warmer and much wetter than normal. Dothan's mean average temperature was 77.5°, nearly 2° above normal. There were a total of fifteen 90° days (top-5 most on record). The highest max temperature of the month was 93° on the 8th & 28th. Pivoting to precipitation, a total of 5.78" was measured at [KDHN](#), which is good for the 10th wettest May on record. The greatest 24-hr accumulation was 3.12" from the 9th-10th.

### **Spring (March-April-May) Climate Summary:**

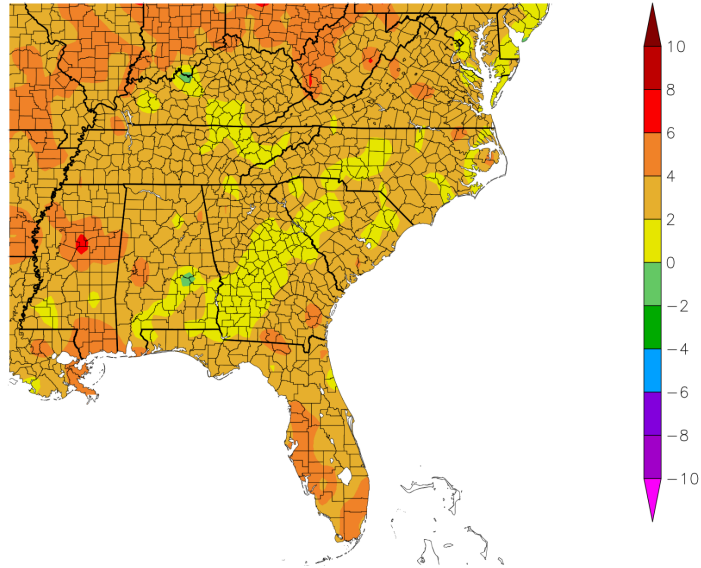
Much warmer and wetter than normal. Tallahassee's mean average Spring temperature of 70.6° is near the top-10 warmest while 22.77" is the 10th highest rainfall accumulation on record. For Albany, the mean average temperature of 68.5° was only about 1° above normal, but the 19.96" is good for the 11th wettest Spring on record. Meanwhile, Valdosta experienced its 2nd warmest Spring at 71°, trailing 2012, whereas the 17.4" rainfall is the 7th highest amount on record. At Dothan, the 69.1° mean average temperature and 15.15" of rainfall is within the top 10 and top 20 rankings on record, respectively.

### **Leon County/Tallahassee Tornado Climatology:**

In the wake of the May 10th severe storms that spawned 3 tornadoes in Leon County, two of which directly impacted parts of the Tallahassee area, this section dives into some local climatology to get a sense of how rare this event was. Based on our local [Leon County Tornado Database](#), the two EF-2 (115 mph winds) May 10th tornadoes were the first to directly impact Tallahassee since January 27, 2021, the highest rated in the EF-era, and strongest in Leon since the EF-3 (140 mph winds) on March 3, 2019. Additionally, the Southern Leon tornado tracked 31.7 mi, which now ranks as the longest track in the county (dating back to 1945), with the Northern Tallahassee tornado ranking first in width at 1400 yds.

## May 2024

Departure from Normal Temperature (F)  
5/1/2024 – 5/31/2024

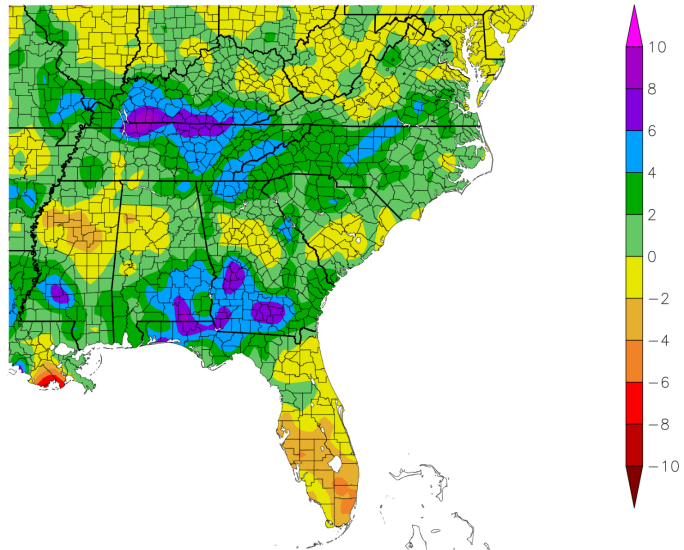


Generated 6/1/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

## May 2024

Departure from Normal Precipitation (in)  
5/1/2024 – 5/31/2024

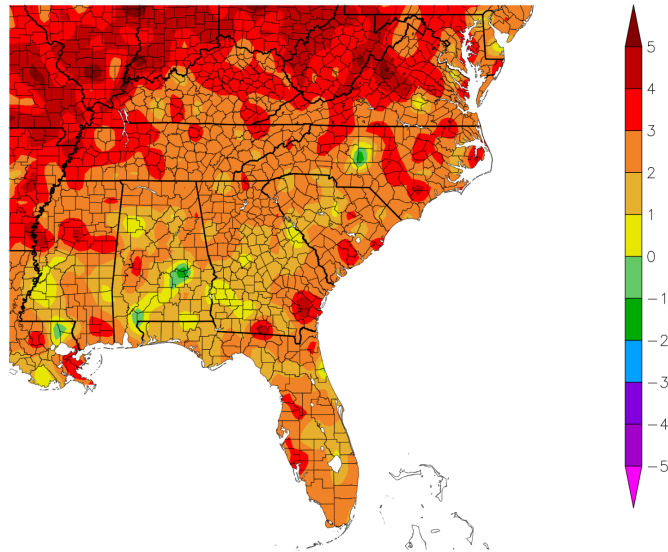


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## Spring 2024

Departure from Normal Temperature (F)  
3/1/2024 – 5/31/2024

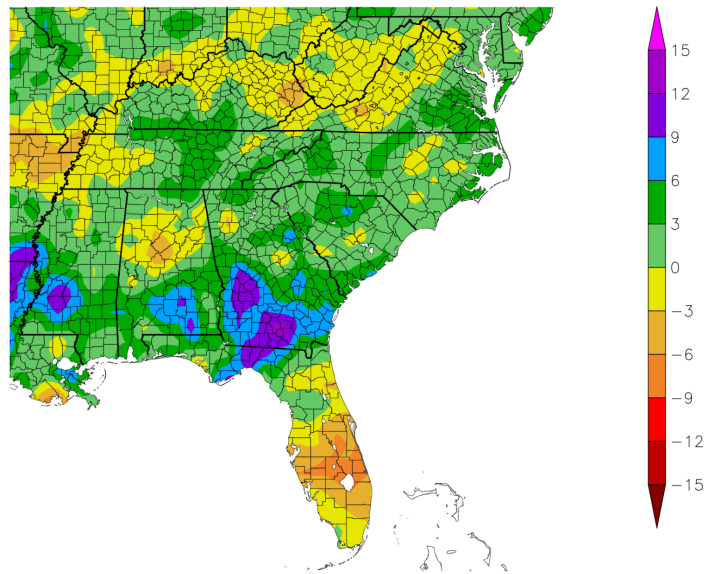


Generated 6/1/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

## Spring 2024

Departure from Normal Precipitation (in)  
3/1/2024 – 5/31/2024



Generated 6/1/2024 at HPRCC using provisional data.

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