

JULY 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 wetter than normal. Tallahassee was the 3rd warmest July on record by average mean temperature at 85.1° and the warmest July on record by average min temperature at 76° (beating 75° from 2010). The latter was in fact only 0.1° off tying the all-time record warmest month with August 2010! Contributing to these extreme values were a record 11 consecutive 77° min temperature (or minT) days from July 1st-11th, three 78° minT days (3 separate times), most number of 75° minT days at 24 (eclipsing 21 from 2015), and most number of consecutive 75° minT days from June 23rd-July 12th at 20. The highest/lowest temperatures of the month were 99°/73°. Looking at rainfall, a total of 8.57” was measured with the greatest 24-hr accumulation of 2.39” from the 5th-6th.

Remainder of the FL Big Bend - Much warmer and wetter than normal. Apalachicola's mean average temperature of 84.4° was a little over 2° above normal. All but one day hit the 90° mark, which is tied for 2nd most in July since 1975. The highest max/min temperature was 95°/84° with the 84° on the 9th tying 7/14/2015, 8/27/2011, and 7/17/2000 for the warmest low of any month! As for rainfall, the monthly amount of 10.11” nearly doubled the July average. The latter is good for the 8th wettest since 1975. The greatest 24-hr accumulation was 3.7” from the 29th-30th. There was measurable precipitation of at least 0.01” in 19 out of a possible 31 days.

FL Panhandle - Warmer and wetter than normal. Marianna's mean average temperature of 84° was 1.3° above normal. The highest/lowest temperatures were 98°/71° with twenty-eight 90° days (same as KECP). Monthly rainfall amounts were just shy of 7” or 1.85” above average. The greatest 24-hr accumulation was 1.64” from 9th-10th. As for Panama City NW, the mean average temperature of 84.1° was 2° above normal. The highest/lowest temperatures were 97°/73°. Slightly over 8” of rain fell, which is about 1 ¼” wetter than normal. The greatest 24-hr accumulation was 1.83” from the 24th-25th.

Southwest GA - Mostly warmer and wetter than normal. Valdosta stands out the most as the VLD station experienced its warmest overall month on record by average minT at 75.4° (shattering 74.8° from August 2010), and warmest July on record by average mean temperature at 85.4° (leapfrogging 85.3° from 2011). There was a record July total of twenty-three 75° minT days (previous record was 14 in 1998); only 9 off the annual record! Additionally, twenty-two 95° days tied 1952 for 3rd most on record for July. The highest/lowest monthly temperatures

were 99°/71°. Rainfall was also impressive as VLD saw its 5th wettest July on record at 10.07". The greatest 24-hr accumulation of 3.64" on the 27th set a new daily record and is good for the 2nd wettest July day on record. In fact, 2.73" fell that day from 1-2pm ET, which is the 2nd highest hourly total dating back to 1947!

[Albany](#) was "underwhelming" by comparison, but still managed to tie 2010 for 3rd warmest July on record by average minT at 74.6°. The highest/lowest temperatures were 98°/70° with a monthly rainfall amount of 5.61". Nearly 40% of the rain fell on the 5th.

Southeast AL - Warmer and drier than normal. The mean average temperature of 84.2° for [Dothan](#) was 1.2° above average. Of all our local climate sites, KDHN was the only one to reach 100°, which occurred on the 1st (also the highest monthly reading) and the first time hitting the century mark in July since 2020. The lowest temperature was 71° on the 22nd. The twenty-eight 90° days and fourteen 95° days were both the most since 2019. For rainfall, a total of 4.33" was measured, or 1.62" drier than normal. The greatest 24-hr accumulation was 0.88" on the 21st.

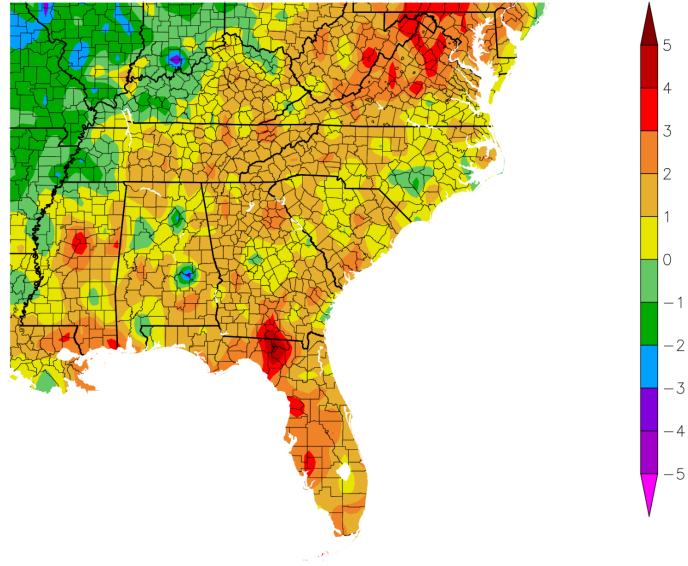
Local Drought Status - A predominantly wet July prompted widespread Class-1 Improvement across the western 2/3 of the Tri-State over the past 4 weeks. These conditions prompted the removal of D0 abnormally dry conditions everywhere except for portions of Coffee/Dale/Henry County, AL & Randolph County, GA and all of Early/Quitman County, GA.

2024 Atlantic Hurricane Season Monthly Recap - Although there were no new named storms that formed in the Atlantic basin in July, Tropical Storm Chris and Hurricane Beryl carried over from the end of June when they made landfall along the Gulf coast of mainland Mexico and Middle-Texas coastline, respectively. Beryl became the earliest category-5 hurricane on record over the eastern Caribbean with max sustained winds of 165 mph!

Local Tropical Cyclone July Climatology - Reliable hurricane records dating back to 1851 show that 7 tropical cyclones tracked within [60 nautical miles of Apalachicola, FL](#) in July. The most recent system to do so was a tropical depression in 1980, which passed just south of the NE Gulf coast. The only named storms that made landfall within our area of responsibility were Tropical Storm Becky (1970) near Port St Joe and Tropical Storm Brenda (1960) around Cross City. Elsa came close in 2021 when it made landfall as a tropical storm along Cedar Key, FL.

July 2024

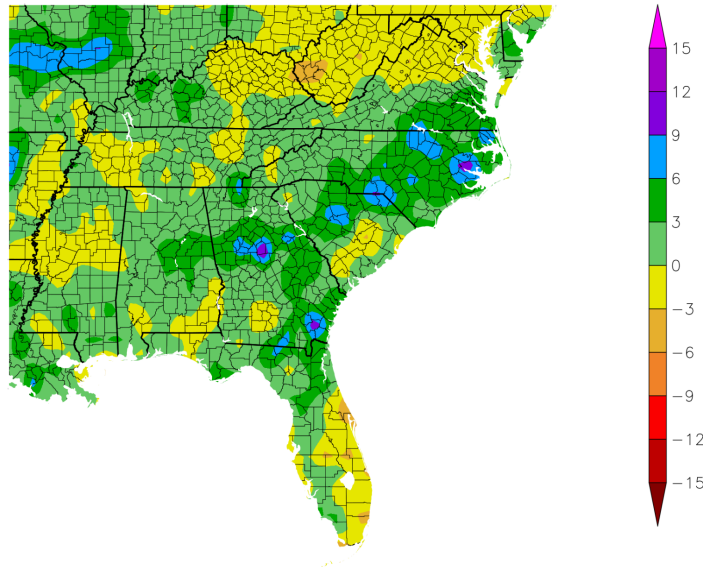
Departure from Normal Temperature (F)
7/1/2024 – 7/31/2024



Generated 8/10/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

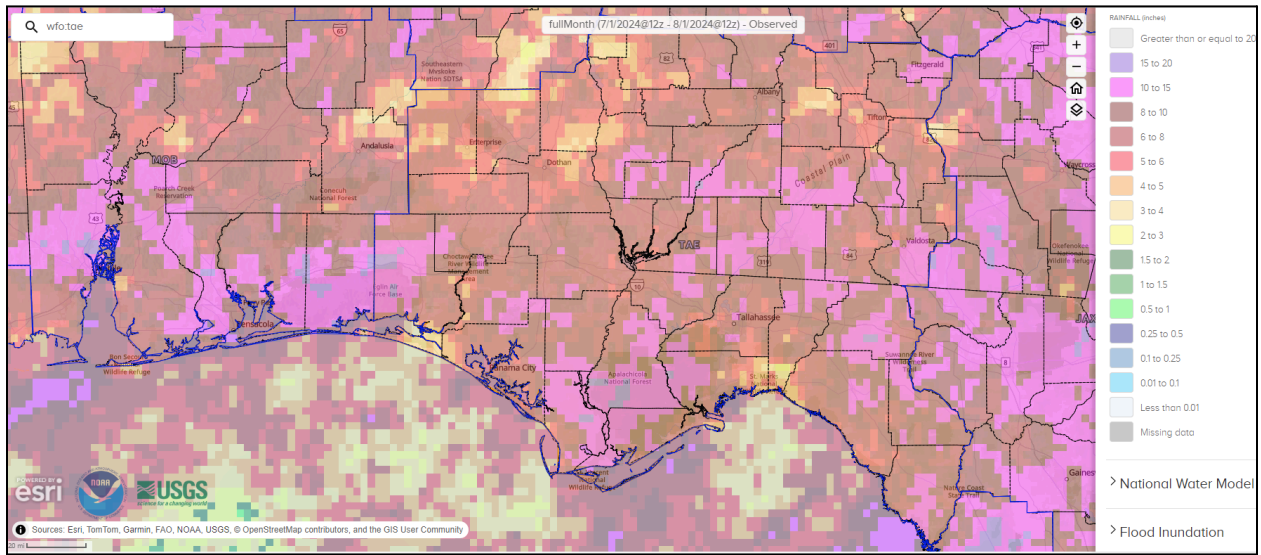
Departure from Normal Precipitation (in)
7/1/2024 – 7/31/2024



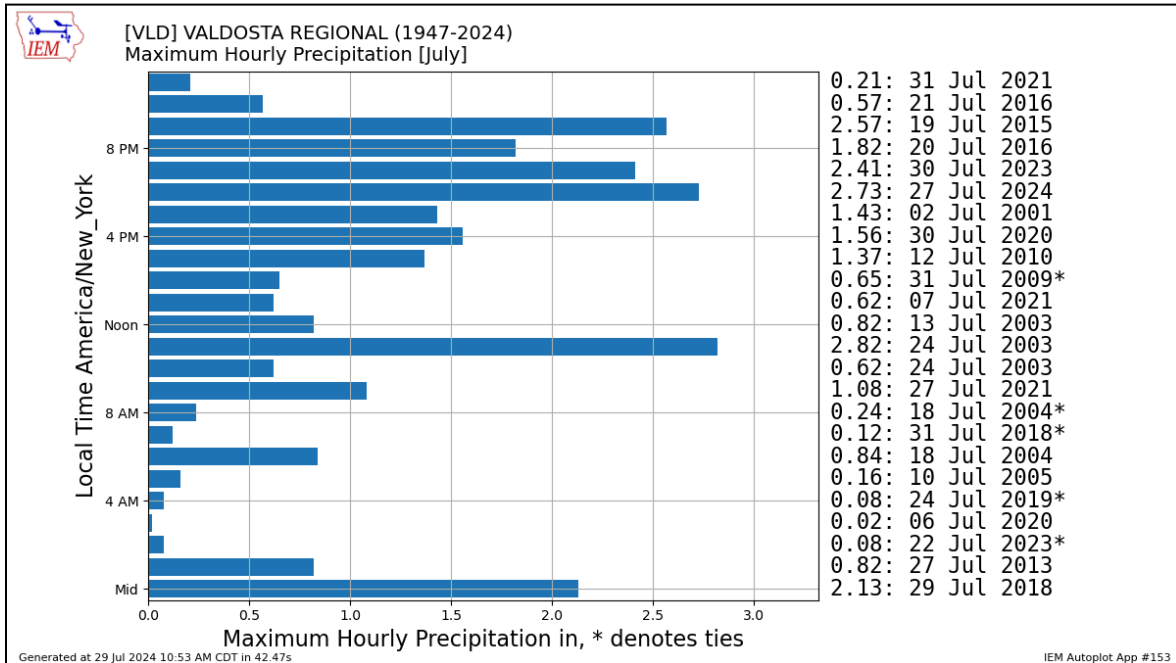
Generated 8/10/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

July 2024 Radar-Estimated Precipitation

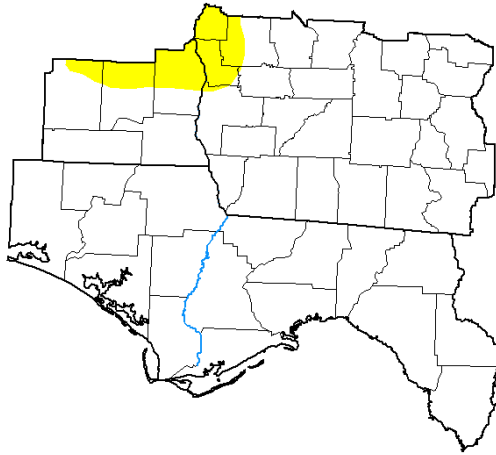


Highest Hourly Rainfall Accumulations Measured at VLD



U.S. Drought Monitor Tallahassee, FL WFO

August 6, 2024
(Released Thursday, Aug. 8, 2024)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	94.91	5.09	0.00	0.00	0.00	0.00
Last Week 07-30-2024	86.45	13.55	0.00	0.00	0.00	0.00
3 Months Ago 05-07-2024	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 01-01-2024	66.77	33.23	0.01	0.00	0.00	0.00
Start of Water Year 09-26-2023	38.17	61.83	36.68	6.93	0.00	0.00
One Year Ago 08-08-2023	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

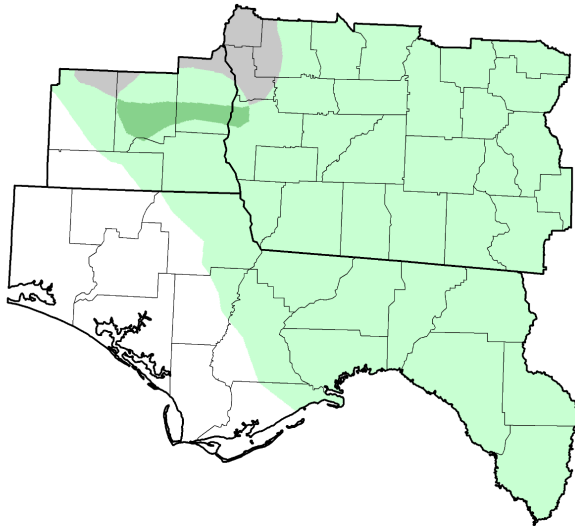
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
David Simeral
Western Regional Climate Center



droughtmonitor.unl.edu

U.S. Drought Monitor Class Change - Tallahassee, FL WFO 4 Week



August 6, 2024
compared to
July 9, 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

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

