MARCH 2025 CLIMATE SUMMARIES
National Weather Service Tallahassee - Tri-State Area
April 10, 2025

Note: *The data below is based on our seven 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.*

March Climate Summary:

Tallahassee - Warmer and wetter than normal.
The average mean monthly temperature was 62.5°, or 1.1° above normal.
The highest/lowest temperature was 87°/35°. There were a total of thirteen 80° days. For rainfall, the main story was on the 9th when the Tallahassee Airport measured 4.25", a new daily record, and good for the 10th wettest March day observed. The previous daily record was 2.75" in 1948. A max gust of 43 mph was observed on both the 15th and 16th.

Remainder of the FL Big Bend - Variable temperature and precipitation.
Apalachicola was warmer than normal with an average monthly mean temperature of 62.8° (+1.1° anomaly). The highest/lowest temperature was 85°/37°. There was only one 80° day, which ended up setting a new daily record high of 85° on the 26th. For rainfall, AAF measured 3.82", or 0.52" below normal. The greatest 24-hr accumulation was 1.43" from the 8th-9th. A max gust of 44 mph was reported on the 5th.

FL Panhandle - Slightly warmer than normal with near-normal precipitation.

Panama City NW had a monthly mean temperature of 62°, or 1° above normal. The highest/lowest temperature was 86°/35°. There were a total of three 80° days. For rainfall, ECP measured 5.38" (near normal). The greatest 24-hr accumulation was 1.88" on the 9th. A max gust of 47 mph was reported on the 5th.

Marianna had a monthly mean temperature of 62.1°, or 0.6° above normal. The highest/lowest temperature was 86°/35°. There were a total of eleven 80° days. For rainfall, MAI measured 5", normal for March. The greatest 24-hr accumulation was 1.56" from the 15th-16th. A max gust of 52 mph was reported on the 5th.

Southwest GA - Albany experienced near normal temperatures and rainfall. The average mean monthly temperature was 60.8°, a half degree within normal. The highest/lowest temperature was 84°/35°. There were a total of nine 80° days. For rainfall, 4.13" fell, a quarter-inch within normal. The greatest 24-hr accumulation was 0.91" on the 30th, though localized flash flooding occurred in parts of Dougherty & Southern Lee County where a few rain reports in excess of 3" came in. A max gust of 49 mph was observed on the 16th.

Valdosta was much warmer, and wetter than normal. The average mean monthly temperature was 63.8°, or 3.7° above normal. The highest/lowest temperature was 88°/39°. There were a total of sixteen 80° days. For rainfall, 4.72" fell, or about an inch above normal. The greatest 24-hr accumulation was 1.69" on the 9th. A max gust of 37 mph was observed on the 5th.

Southeast AL - Near-normal temperature with variable precipitation.
Dothan experienced normal average mean temperatures for the month at 61°. The highest/lowest temperature was 84°/34°. There were five 80° days. For rainfall, DHN measured 3.91", or 0.81" below normal. The greatest 24-hr accumulation was 1.83" from the 9th-10th. A max gust of 51 mph was reported on the 5th.

Local Drought Status:
Beneficial rains at the end of March and beginning of April led to drought improvement across much of SW GA. The Albany area stands out the most at Class 2. As of April 8th, only parts of the upper I-75 corridor in the vicinity of Ben Hill-Irwin County remain under D0 abnormally dry conditions. Everywhere else in the Tri-State area is free of any drought concerns.

Statewide Analyses (Records date back to 1895):
Florida - Near-normal temperatures and slightly below-normal precipitation.
The average mean monthly temperature and rainfall accumulation were 65.8° and 2.78" (or 0.67" below normal), respectively. The 1991-2020 March trends are 0.6° of warming and a -1.04" rain anomaly per decade.

Georgia - Warmer and slightly drier than normal.
The average mean monthly temperature and rainfall accumulation were 58.2° (+1.5° anomaly) and 4.09" (-0.54" anomaly), respectively. The 1991-2020 March trends are 0.7° of warming and a -0.97" rain anomaly per decade.

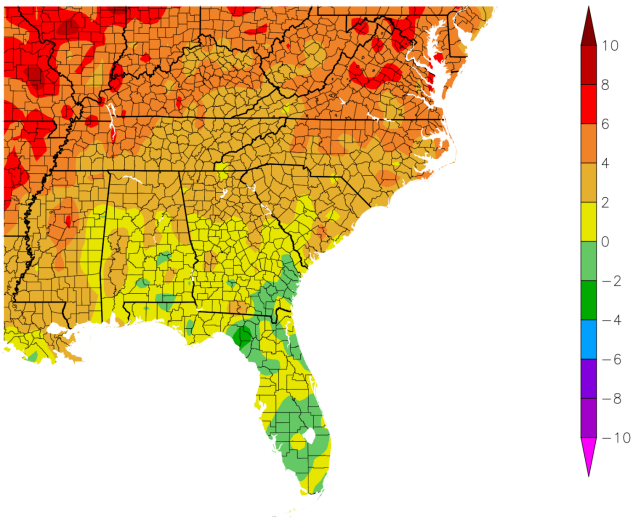
Alabama - Much warmer than normal with near-normal precipitation.
The average mean monthly temperature and rainfall accumulation were 58.5° (+2.3° anomaly) and 5.16" (-0.22" anomaly), respectively. The 1991-2020 March trends are 1° of warming and a -0.58" rain anomaly per decade.

Spring 2025 Outlook:
On March 20th, NOAA released their US Spring 2025 Outlook with the Vernal Equinox now well underway. Projections from April-May-June (AMJ) call for milder-than-average conditions across the South & East. Seasonal Temperature Outlook: 40-50% probability of above-normal temperatures during the Spring. The average AMJ mean temperatures for the Tri-State area are mid 70s. Much of the region likely experienced their average last freeze of the season earlier this

past month. The average first 90-degree day of the year is primarily late April/early May. Seasonal Precipitation Outlook: Equal chances, or 33% chance for either below, above, or near-normal precipitation. Rainfall signals are more unclear compared to temperatures. The average AMJ seasonal accumulation for the Tri-State area is between 10 & 13 inches. Our severe weather season typically peaks during this span.

Here are the potential local outcomes:
1) *If drier than normal* - wildfire & drought risks likely increase, while short-term flash flooding & long-term riverine flooding likely decreases. Note: if combined with above-normal temperatures, then we could see an acceleration of the non-flooding risks.
2) *If wetter than normal* - short-term flash flooding & long-term riverine flooding likely increases, while wildfire & drought risks likely decrease. Note: increased rainfall frequency could prompt seasonal temperatures to trend cooler.

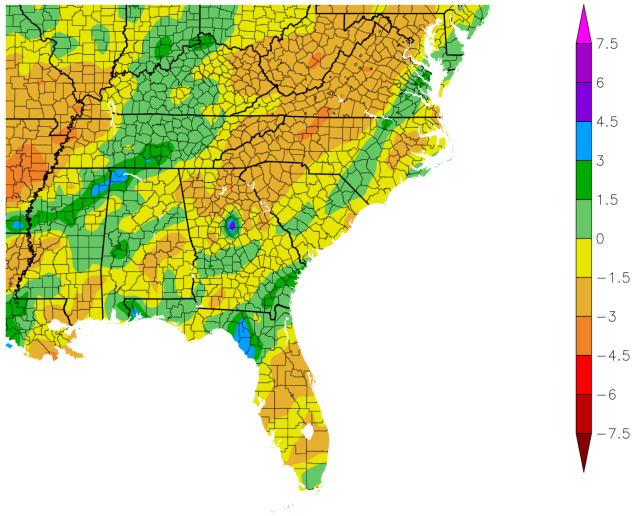
Departure from Normal Temperature (F)
3/1/2025 – 3/31/2025



Generated 4/4/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

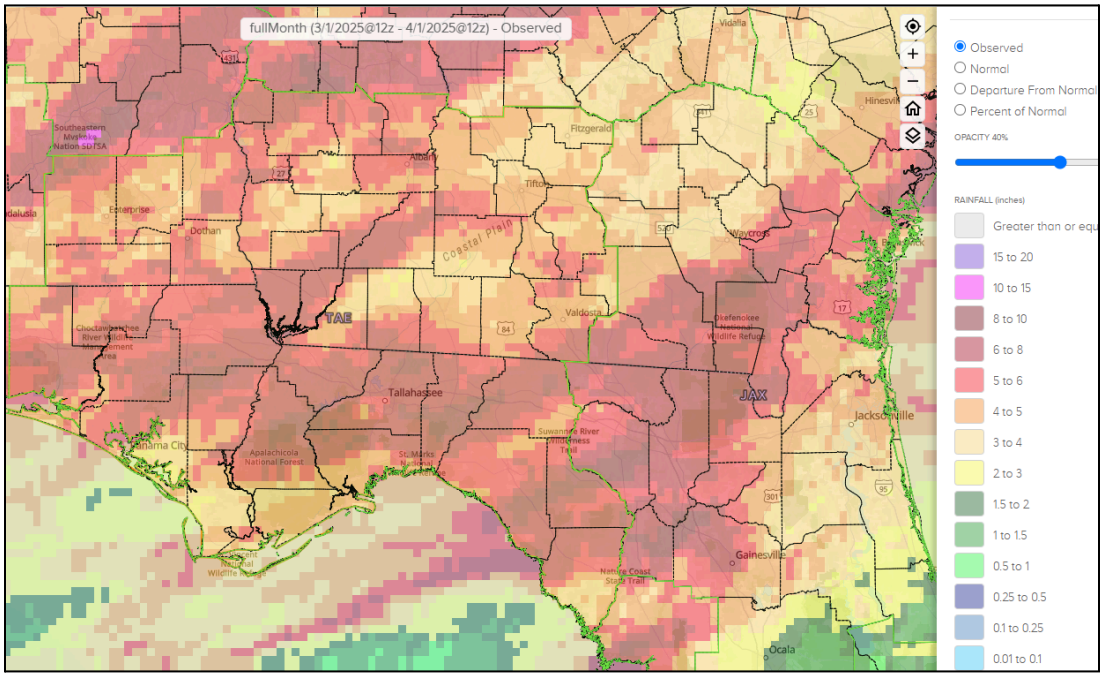
Departure from Normal Precipitation (in)
3/1/2025 – 3/31/2025



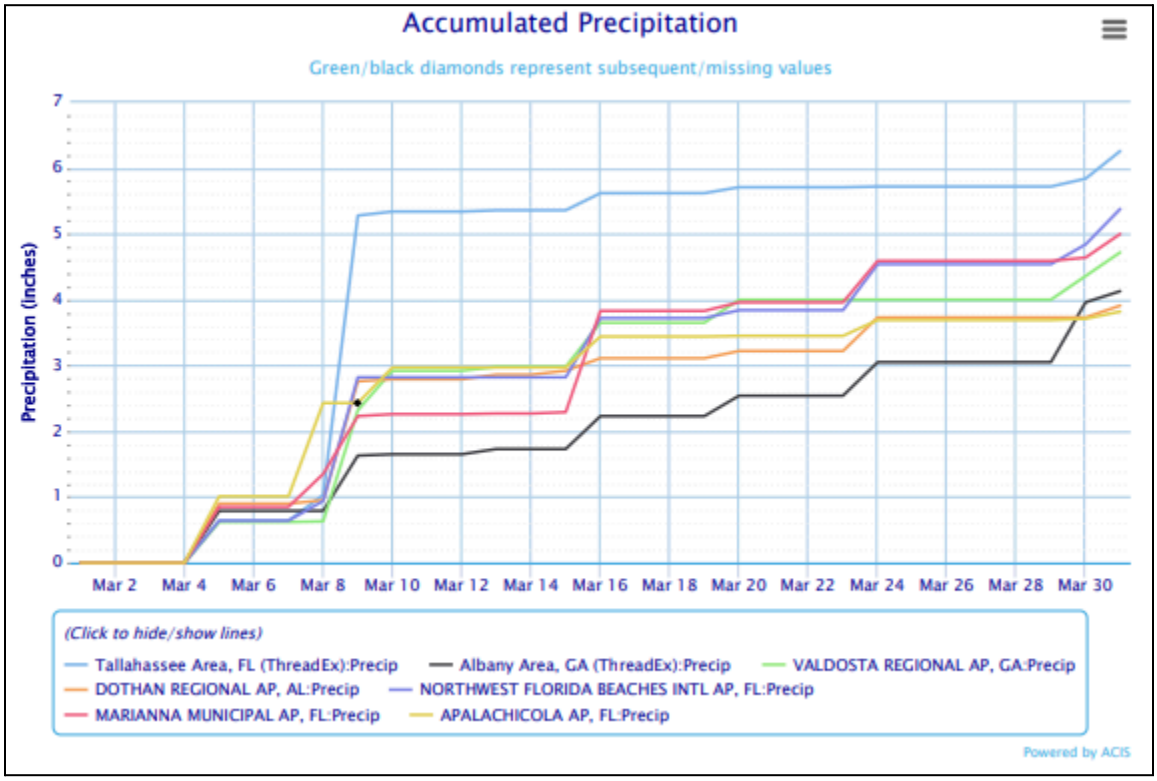
Generated 4/4/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

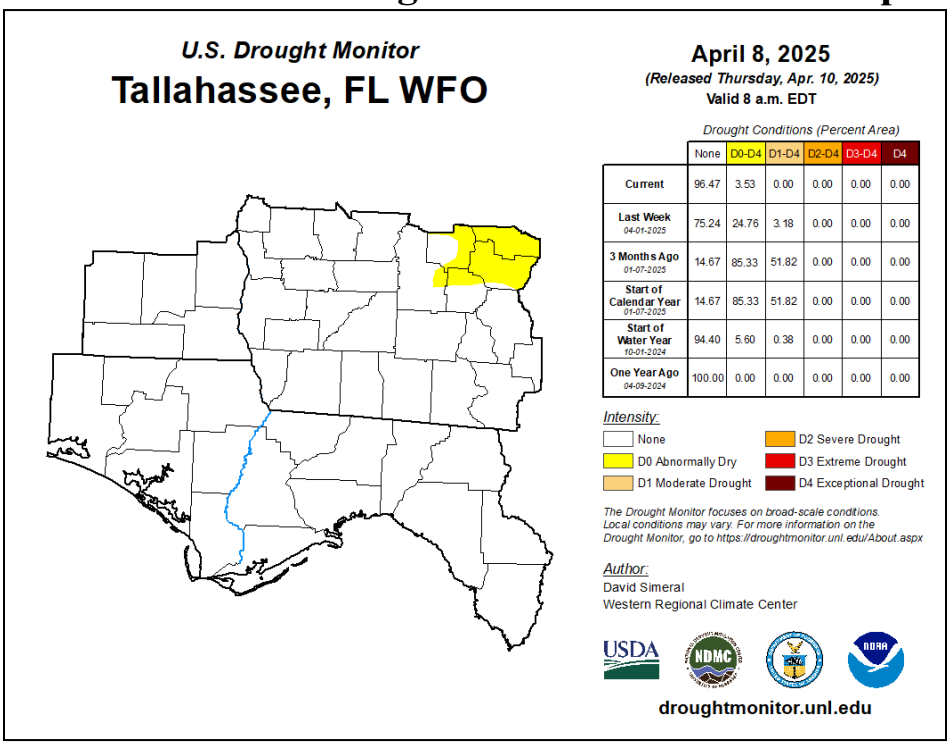
Observed Precipitation Estimates - March 2025

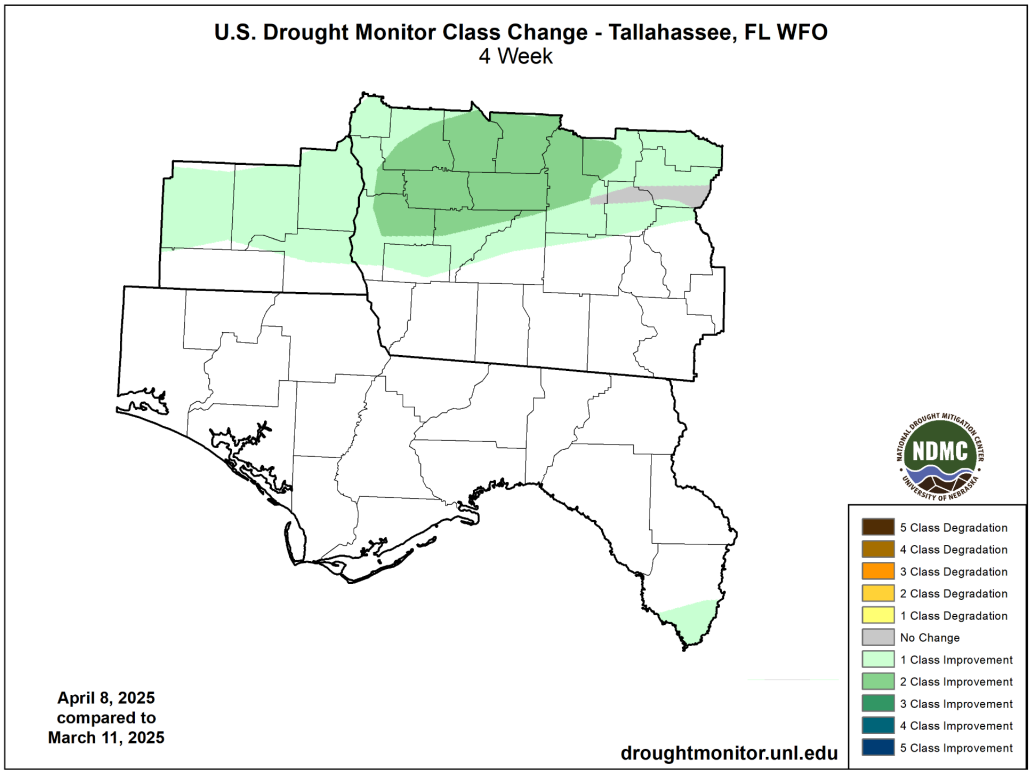


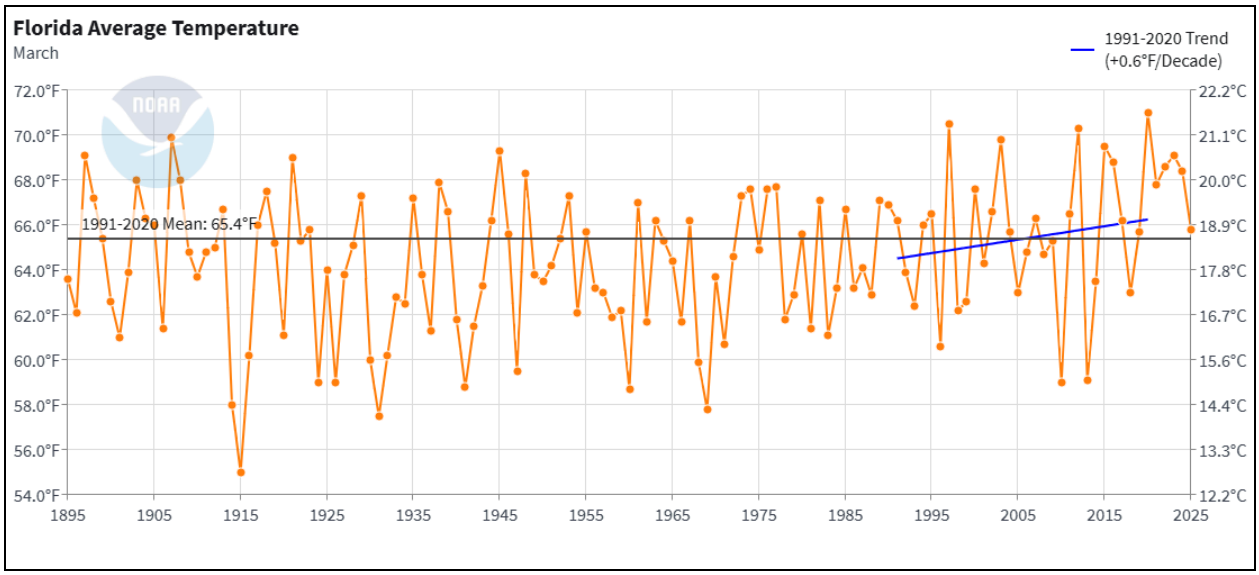
Valid for March 2025

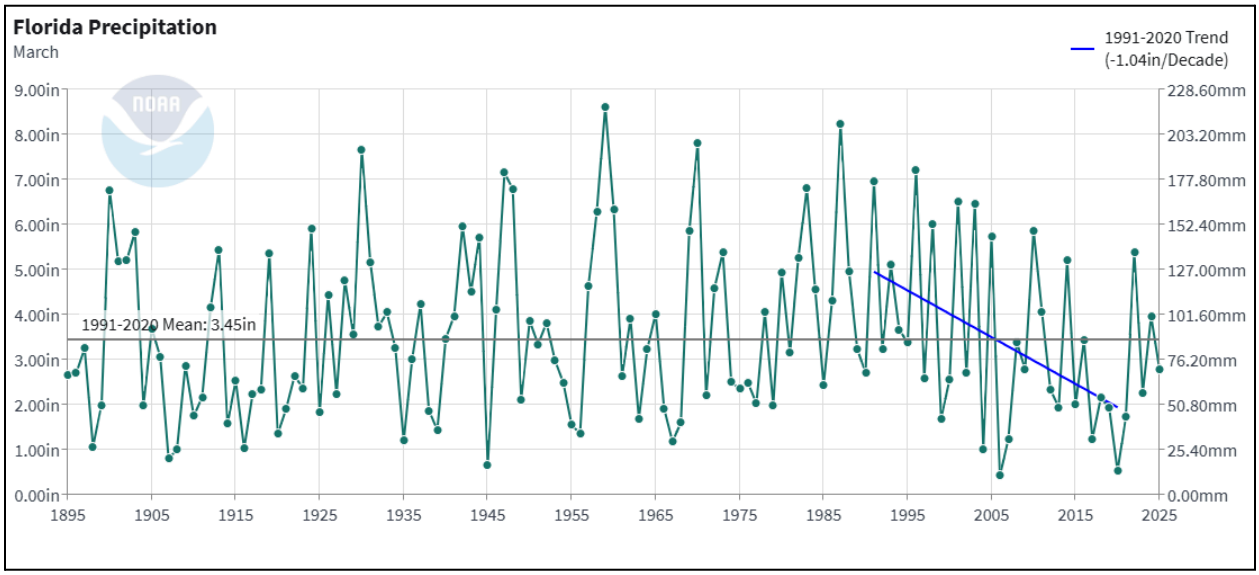


NWS Tallahassee Local Drought Monitor - valid as of April 8, 2025






Florida Average Temperature
March
1991-2020 Trend
(+0.6°F/Decade)
1991-2020 Mean: 65.4°F
72.0°F
70.0°F
68.0°F
66.0°F
64.0°F
62.0°F
60.0°F
58.0°F
56.0°F
54.0°F
22.2°C
21.1°C
20.0°C
18.9°C
17.8°C
16.7°C
15.6°C
14.4°C
13.3°C
12.2°C
1895
1905
1915
1925
1935
1945
1955
1965
1975
1985
1995
2005
2015
2025


Florida Precipitation
March
1991-2020 Trend
(-1.04in/Decade)
1991-2020 Mean: 3.45in
9.00in
8.00in
7.00in
6.00in
5.00in
4.00in
3.00in
2.00in
1.00in
0.00in
228.60mm
203.20mm
177.80mm
152.40mm
127.00mm
101.60mm
76.20mm
50.80mm
25.40mm
0.00mm
1895
1905
1915
1925
1935
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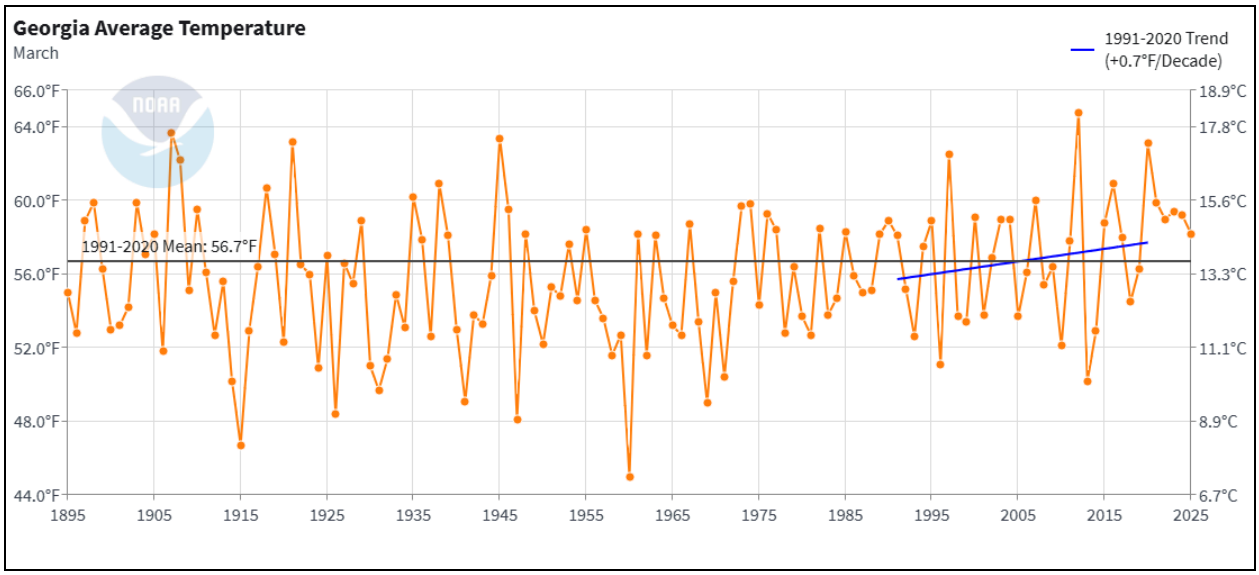
2015
2025


Georgia Average Temperature
March
1991-2020 Trend
(+0.7°F/Decade)
1991-2020 Mean: 56.7°F
66.0°F
64.0°F
60.0°F
56.0°F
52.0°F
48.0°F
44.0°F
18.9°C
17.8°C
15.6°C
13.3°C
11.1°C
8.9°C
6.7°C
1895
1905
1915
1925
1935
1945
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1965
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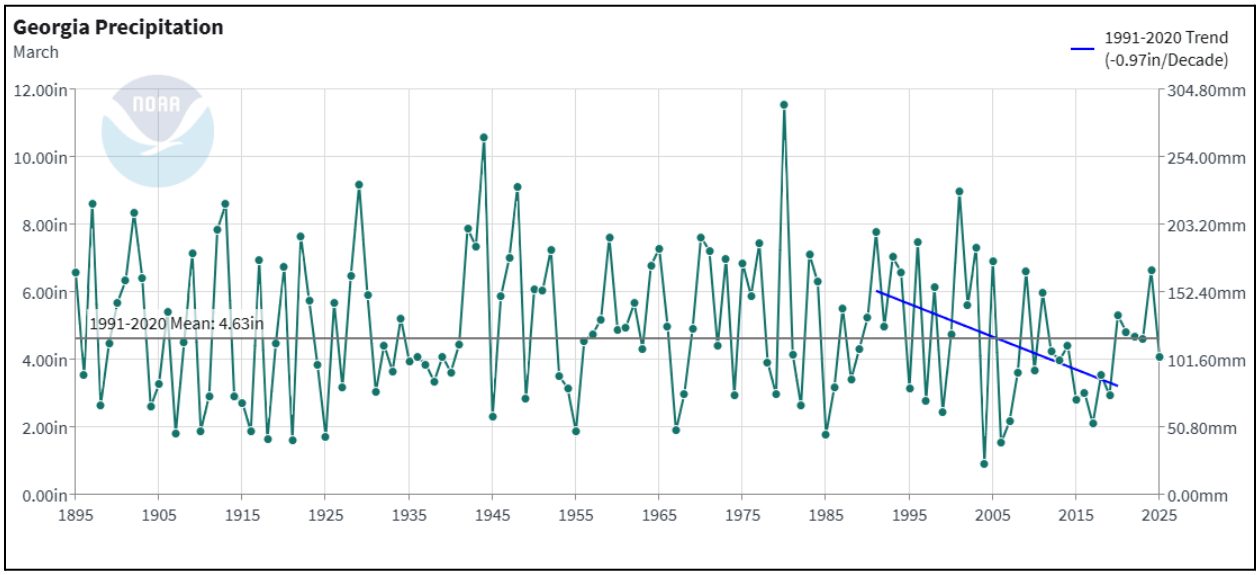
2005
2015
2025


Georgia Precipitation
March
1991-2020 Trend
(-0.97in/Decade)
1991-2020 Mean: 4.63in
12.00in
10.00in
8.00in
6.00in
4.00in
2.00in
0.00in
304.80mm
254.00mm
203.20mm
152.40mm
101.60mm
50.80mm
0.00mm
1895
1905
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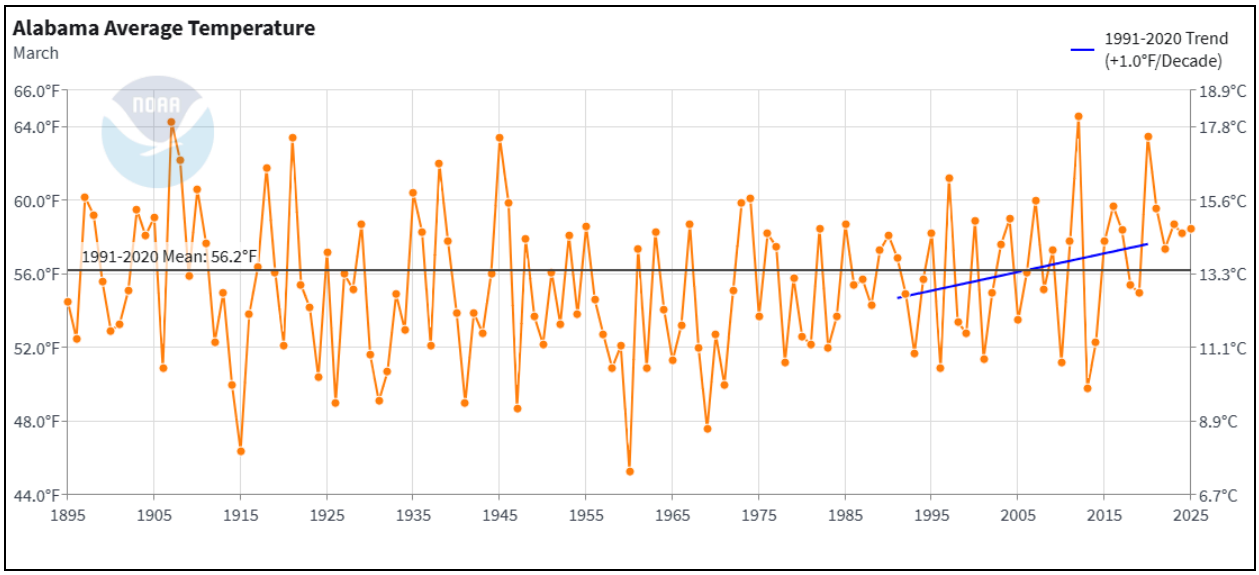
2025


Alabama Average Temperature
March
1991-2020 Trend
(+1.0°F/Decade)
1991-2020 Mean: 56.2°F
66.0°F
64.0°F
60.0°F
56.0°F
52.0°F
48.0°F
44.0°F
18.9°C
17.8°C
15.6°C
13.3°C
11.1°C
8.9°C
6.7°C
1895
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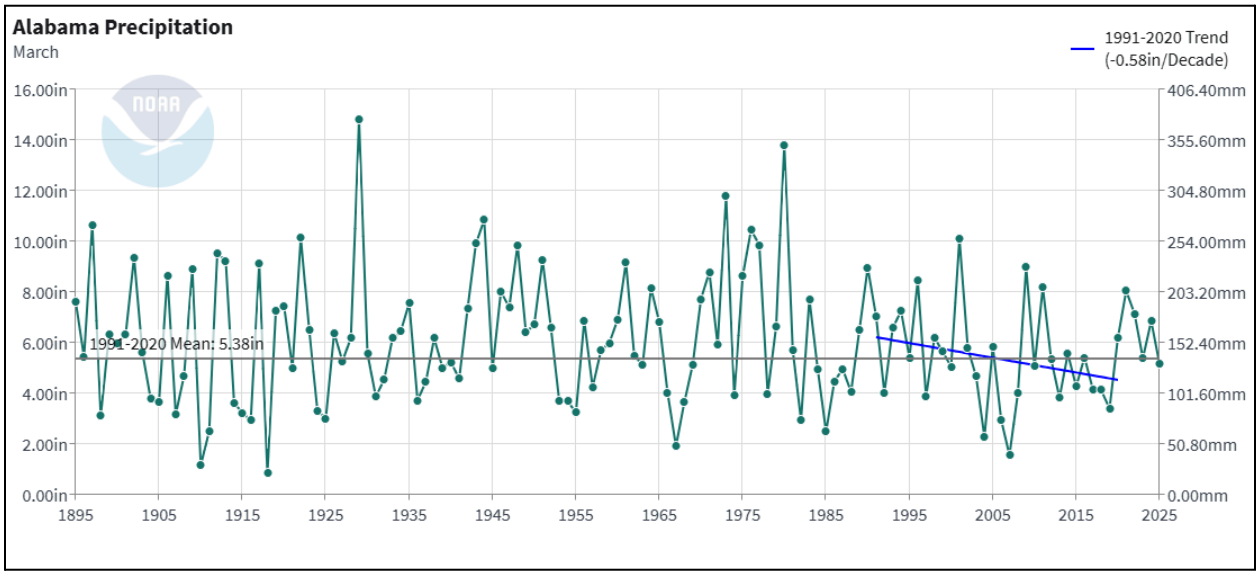
Alabama Precipitation
March
1991-2020 Trend
(-0.58in/Decade)
1991-2020 Mean: 5.38in
16.00in
14.00in
12.00in
10.00in
8.00in
6.00in
4.00in
2.00in
0.00in
406.40mm
355.60mm
304.80mm
254.00mm
203.20mm
152.40mm
101.60mm
50.80mm
0.00mm
1895
1905
1915
1925
1935
1945
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