

Climate Summary for the Florida Panhandle & Big Bend, Southwest Georgia, and Southeast Alabama

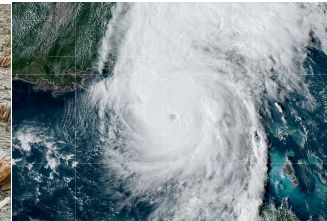
Valid for October 2025

Issued By: National Weather Service Tallahassee

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- This content will be shared monthly.
- Please visit our local climate page at: <https://www.weather.gov/wrh/Climate?wfo=tae>.
- Please visit the [Climate Prediction Center](#) for additional products.

- General Overview
- Temperatures
- Precipitation
- Drought Monitor
- Monthly Tropical Recap
- November Normals





General Overview

Hot start, cold finish, but dry overall

- Near-normal temperatures, below-normal rainfall.
- Among the coldest Halloween mornings on record:
 - tied for 4th coldest - Tallahassee
 - 2nd coldest - Apalachicola
 - 4th coldest - Valdosta
 - tied for 7th coldest - Albany
 - tied for 3rd coldest - Dothan
- Only 7 days or less of measurable rain.
- Further drought degradation to severe-extreme category as of Oct 28.
- [EF-1 tornado](#) near Mexico Beach on Oct 27.

Climate Site	Max/Min Temps	Monthly Rainfall
Tallahassee	91°/36°	0.95" (10th driest on record)
Apalachicola	86°/41°	2.37" (1.16" below normal)
Panama City NW	92°/41°	2.96" (0.46" below normal)
Marianna	90°/42°	1.81" (1.15" below normal)
Valdosta	89°/40°	0.58" (3.02" below normal)
Albany	90°/38°	0.72" (1.5" below normal)
Dothan	90°/41°	0.96" (1.65" below normal)

The current 30-year climate normal period is from 1991-2020.



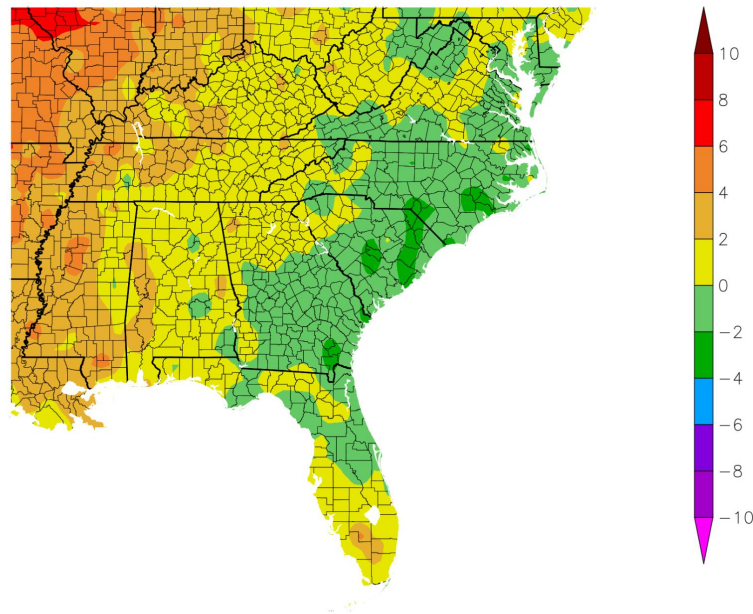


October 2025 Temperatures

Mostly near normal

- Tallahassee (TLH):
 - average monthly mean temp - 69.6°
 - highest/lowest temp - 91°/36°
- Apalachicola (AAF):
 - average monthly mean temp - 70.7°
 - highest/lowest temp - 86°/41°
- Panama City NW (ECP):
 - average monthly mean temp - 71.0°
 - highest/lowest temp - 92°/41°
- Marianna (MAI):
 - average monthly mean temp - 69.6°
 - highest/lowest temp - 90°/42°
- Valdosta (VLD):
 - average monthly mean temp - 68.5°
 - highest/lowest temp - 89°/40°
- Albany (ABY):
 - average monthly mean temp - 68.6°
 - highest/lowest temp - 90°/38°
- Dothan (DHN):
 - average monthly mean temp - 68.6°
 - highest/lowest temp - 90°/41°

Departure from Normal Temperature (F)
10/1/2025 – 10/31/2025



Generated 11/10/2025 using provisional data.

ACIS Web Services

Image Caption: The High Plains Regional Climate Center ([HPRCC](#))



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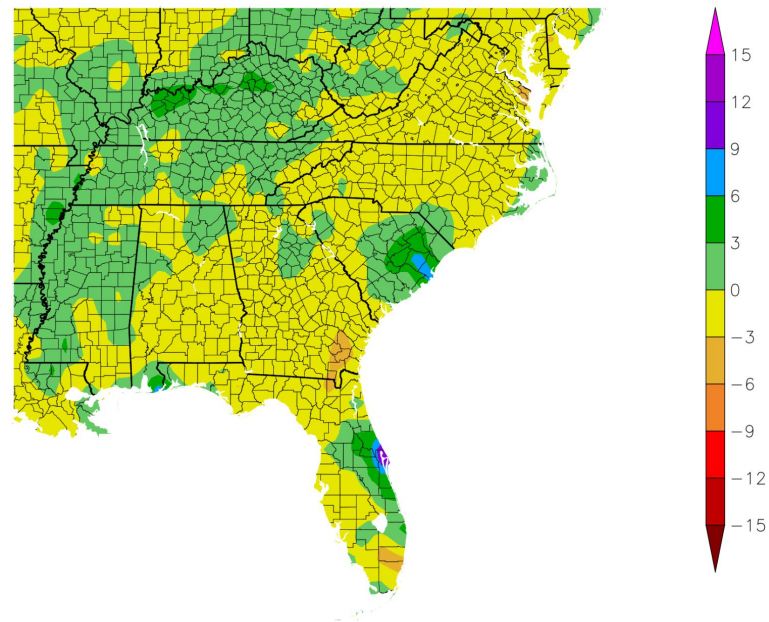


October 2025 Precipitation

Drier than normal

- Tallahassee (TLH):
 - monthly amount - 0.95"
 - tenth driest October on record
- Apalachicola (AAF):
 - monthly amount - 2.37"
- Panama City NW (ECP):
 - monthly amount - 2.96"
- Marianna (MAI):
 - monthly amount - 1.81"
- Valdosta (VLD):
 - monthly amount - 0.58"
- Albany (ABY):
 - monthly amount - 0.72"
- Dothan (DHN):
 - monthly amount - 0.96"

Departure from Normal Precipitation (in)
10/1/2025 – 10/31/2025



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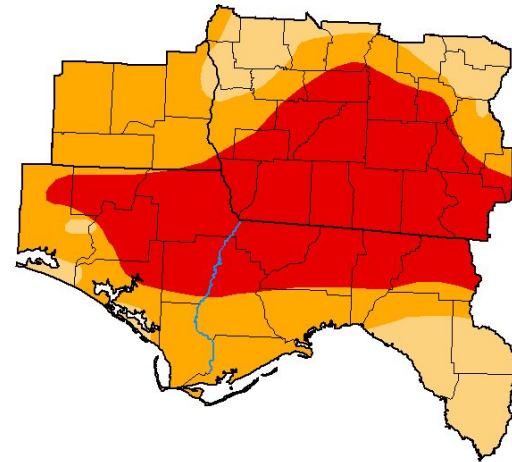


Drought Monitor

Worsening drought - valid October 28, 2025

- **Extreme D3 Drought** across the I-10 corridor and much of Southwest GA.
- **Severe D2 Drought** in Southeast AL and south of the I-10 corridor.
- **Moderate D1 Drought** mostly in the Southeast FL Big Bend.
- One to two-class degradation over the previous 4 weeks, dating back to September 30.
- Impacts: stress on vegetation, lowering water levels, agricultural hardship, drying fuels, elevated fire concerns, water shortages.

U.S. Drought Monitor Tallahassee, FL WFO



October 28, 2025

(Released Thursday, Oct. 30, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	83.16	45.26	0.00
Last Week 10-21-2025	0.00	100.00	100.00	75.18	30.39	0.00
3 Months Ago 07-29-2025	40.16	59.84	8.39	0.00	0.00	0.00
Start of Calendar Year 01-07-2025	14.67	85.33	51.82	0.00	0.00	0.00
Start of Water Year 09-30-2024	1.00	99.00	92.99	33.10	0.00	0.00
One Year Ago 10-29-2024	9.68	90.32	0.82	0.00	0.00	0.00

Intensity:



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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droughtmonitor.unl.edu

Image Caption: Weekly [Local Drought Monitor](#) valid September 30, 2025



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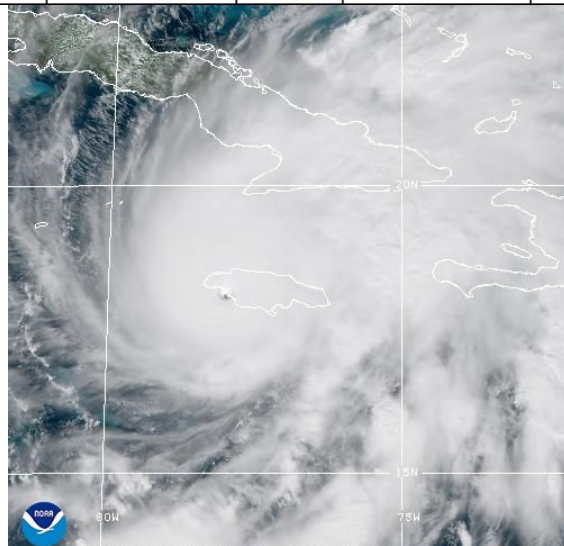


October 2025 Tropical Recap

Hurricane Melissa makes history

- Four named storms, one hurricane: Jerry, Karen, Lorenzo, Melissa.
- Jerry peaked as a tropical storm with max winds/min pressure of 65 mph/999 mb.
- Karen was a short-lived subtropical storm over the extreme North Atlantic.
- Lorenzo peaked as a tropical storm with max winds/min pressure of 60 mph/999 mb.
- Melissa peaked as a category-5 hurricane:
 - Tied 1935 Labor Day Hurricane for most intense landfalling hurricane (892 mb)
 - Tied 1935 Labor Day & Dorian 2019 for strongest landfalling hurricane (185 mph)
 - Tied 1935 Labor Day, Gilbert 1988, Dorian for 2nd strongest hurricane (1st, Allen 1980, 190 mph).
 - Tied 1935 Labor Day for 3rd most intense hurricane (1st, Wilma 2005, 882 mb; 2nd, Gilbert, 888 mb).

10	Jerry	TS	07 Oct–11 Oct	55	999
11	Karen	SS	10 Oct–10 Oct	40	998
12	Lorenzo	TS	13 Oct–15 Oct	50	999
13	Melissa	MH	21 Oct–31 Oct	160	892



10/28/2025 17:01Z - NOAA/STAR - GOES-19 - GEOCOLOR Composite
Image Caption: The National Hurricane Center [2025 North Atlantic Hurricane Season Summary](#)





November Normals

Based on current 30-yr climatology (1991-2020)

- Tallahassee (TLH):
 - mean monthly temp - 60.2°
 - high/low - 72.5°/48°
 - first frost/freeze° of the year - Nov 8/22
 - mean monthly rainfall - 3.10"
- Apalachicola (AAF):
 - mean monthly temp - 62.1°
 - high/low - 72.5°/51.7°
 - first frost/freeze of the year - Nov 24/Dec 14
 - mean monthly rainfall - 3.74"
- Panama City NW (ECP):
 - mean monthly temp - 60.7°
 - high/low - 73.1°/48.4°
 - first frost/freeze of the year - Nov 14/25
 - mean monthly rainfall - 4.20"
- Marianna (MAI):
 - mean monthly temp - 59.6°
 - high/low - 71.7°/47.4°
 - first frost/freeze of the year - Nov 11/26
 - mean monthly rainfall - 3.67"
- Valdosta (VLD):
 - mean monthly temp - 59°
 - high/low - 71.4°/46.6°
 - first frost/freeze of the year - Nov 12/27
 - mean monthly rainfall - 2.47"
- Albany (ABY):
 - mean monthly temp - 58.7°
 - high/low - 71.3°/46.2°
 - first frost/freeze of the year - Nov 8/18
 - mean monthly rainfall - 2.94"
- Dothan (DHN):
 - mean monthly temp - 58.9°
 - high/low - 71.1°/46.7°
 - first frost/freeze of the year - Nov 11/23
 - mean monthly rainfall - 3.91"

Sources: [National Center for Environmental Information](#), NOAA [NOWData](#).



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