



Climate and Hydrology Monthly Report for Puerto Rico and the US Virgin Islands

Valid for September 2026

Issued By: WFO San Juan, PR

Contact Information: sr-sju.webmaster@noaa.gov





September Climate Summary for Primary Climate Sites

San Juan Area

(Period of Record: 1898 to present)

Highest: **95 °F** on the 25 & 26th

Lowest: **75 °F** on the 1st

Average: 84.5 °F (**+1.1**; above normal)

Rain Total: 6.90" (**+0.40**; above normal)

Days with $T_{\max} \geq 90$ °F: 19

Nights with $T_{\min} \geq 80$ °F: 6

Days with Rain (≥ 0.01 "): 19

Rankings:

7th warmest

34th wettest

Remarks:

2 warmest minimum temperature record.

St. Thomas

(Period of Record: 1953 to present)

Highest: Missing (M)

Lowest: M

Average: M

Rain Total: M

Days with $T_{\max} \geq 90$ °F: M

Nights with $T_{\min} \geq 80$ °F: M

Days with Rain (≥ 0.01 "): M

Rankings:

Remarks:

No data due to sensor malfunction; 20 days of data missing.

St. Croix

(Period of Record: 1951 to present)

Highest: Missing (M)

Lowest: M

Average: M

Rain Total: M

Days with $T_{\max} \geq 90$ °F: M

Nights with $T_{\min} \geq 80$ °F: M

Days with Rain (≥ 0.01 "): M

Rankings:

Remarks:

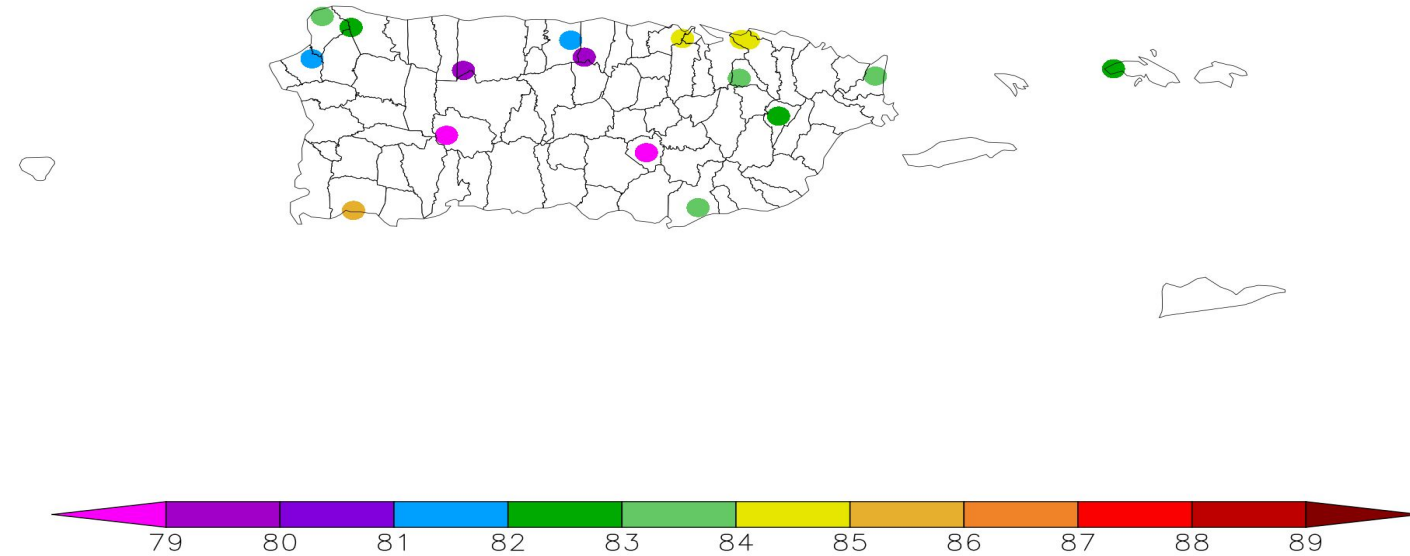
No data due to sensor malfunction; 12 days of data missing.



Observed Temperature

Link to generate the latest [ACIS Climate Maps](#)

Temperature (F)
9/1/2026 – 9/30/2026

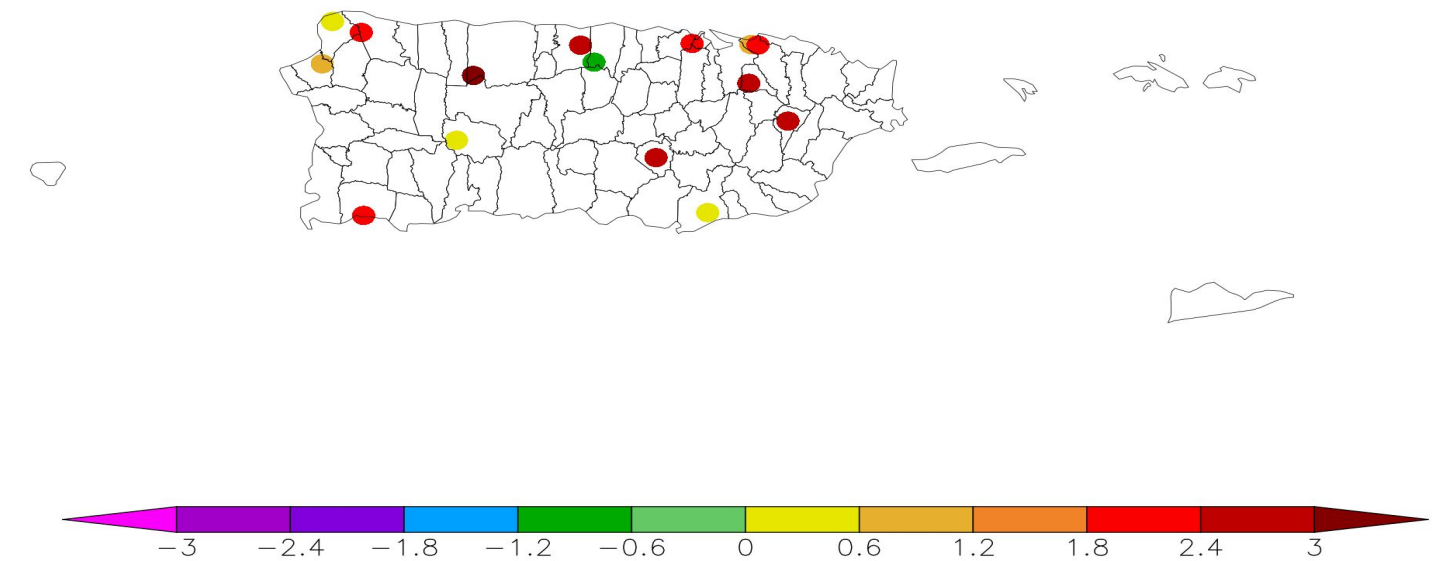


Generated 10/4/2026 using provisional data.

ACIS Web Services

- Average temperatures across PR generally ranged from the upper 70s to mid-80s °F, with warmer conditions observed along coastal areas. Most stations reported above-normal temperatures, with positive departures generally ranging from 0.6 °F to 3 °F, while a few locations experienced near- or slightly below-normal conditions.

Departure from Normal Temperature (F)
9/1/2026 – 9/30/2026



Generated 10/4/2026 using provisional data.

ACIS Web Services

- The COOP station in Puerto Rico with the highest daily maximum temperature was **Lajas Substation with 97 °F**. In the U.S. Virgin Islands, **Bordeaux** reported **91 °F** as the highest maximum temperature.

Image Captions:

Right-Departure from normal temperature for Puerto Rico and US Virgin Islands (COOP)

Left-Observed Average Temperature for Puerto Rico and US Virgin Islands (COOP)

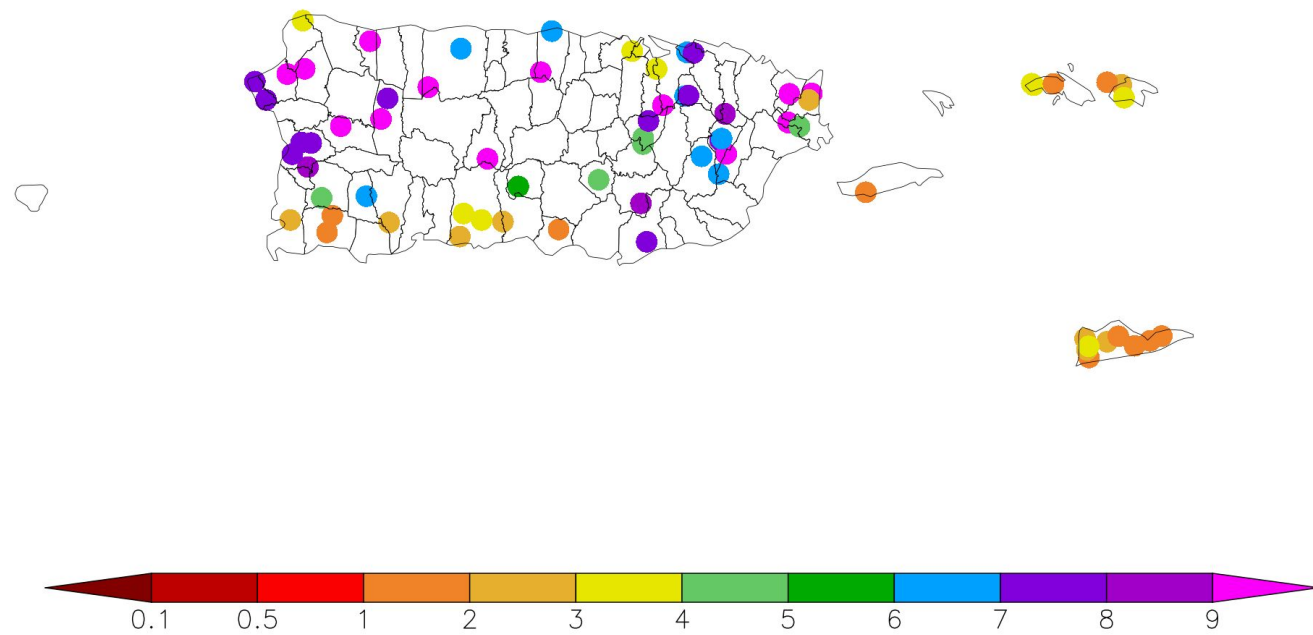
Data Courtesy High Plains Regional Climate Center/NWS COOP Stations.



Observed Rainfall

Link to generate the latest [ACIS Climate Maps](#)

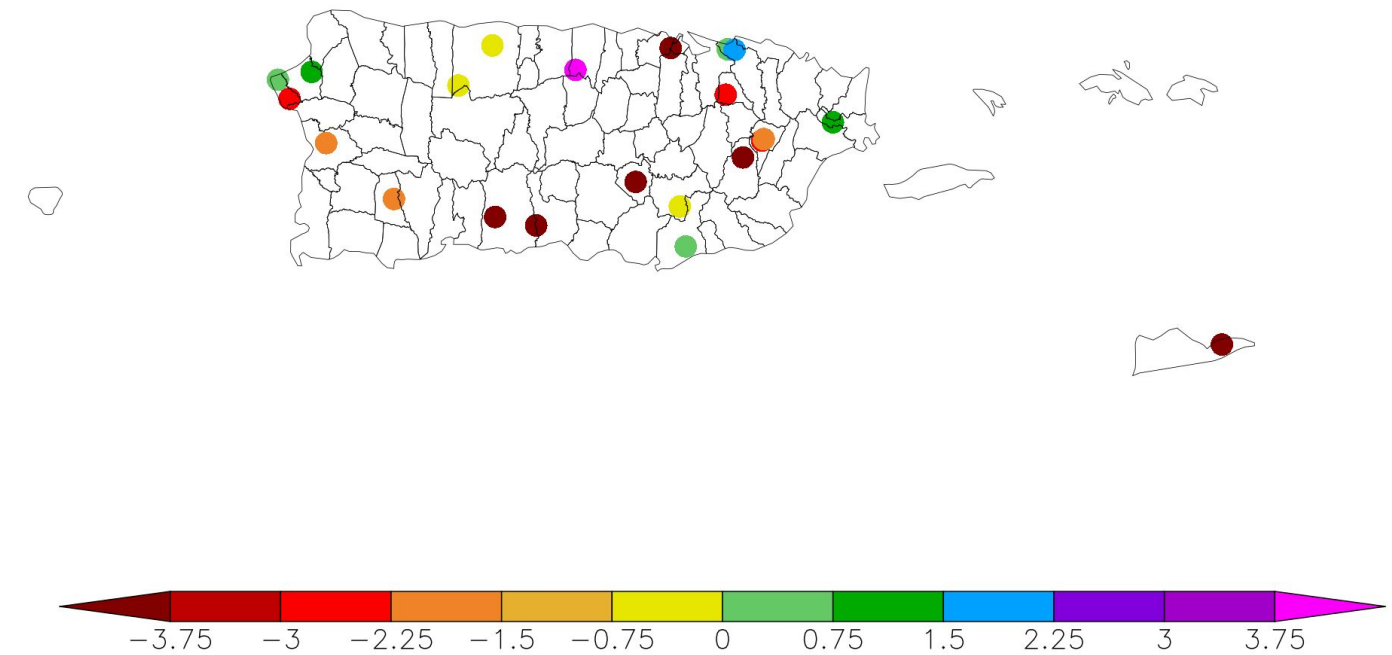
Precipitation (in)
9/1/2026 – 9/30/2026



Generated 10/4/2026 using provisional data.

ACIS Web Services

Departure from Normal Precipitation (in)
9/1/2026 – 9/30/2026



Generated 10/4/2026 using provisional data.

ACIS Web Services

- During September 2026, rainfall accumulations varied considerably across Puerto Rico, generally ranging from 2 to 9 inches, with the highest totals observed across western and interior sections. Rainfall departures were predominantly below normal across much of the island, with deficits reaching 3 inches or more in some locations, while a few areas experienced near- to above-normal rainfall.

Image Captions:

Left - Observed Average Temperature for Puerto Rico and US Virgin Islands (COOP)
Right - Departure from normal temperature for Puerto Rico and US Virgin Islands (COOP)
Data Courtesy High Plains Regional Climate Center/NWS COOP Stations.



Estimated Rainfall

Estimated Rainfall was obtained from MRMS [NWPS](#) (Puerto Rico), and COOP and [CoCoRaHS](#) (Virgin Islands)

- The highest rainfall accumulations were observed across western and interior sections of Puerto Rico, with totals generally ranging from 10 to 15 inches and locally exceeding 15 inches.
- The southern coastal areas received the lowest rainfall accumulations, generally ranging from 0.5 to 3 inches, particularly across southwestern Puerto Rico.
- U.S. Virgin Islands: Rainfall accumulations across the USVI generally ranged from 1 to 3 inches, with locally higher amounts across portions of St. Thomas and St. John.

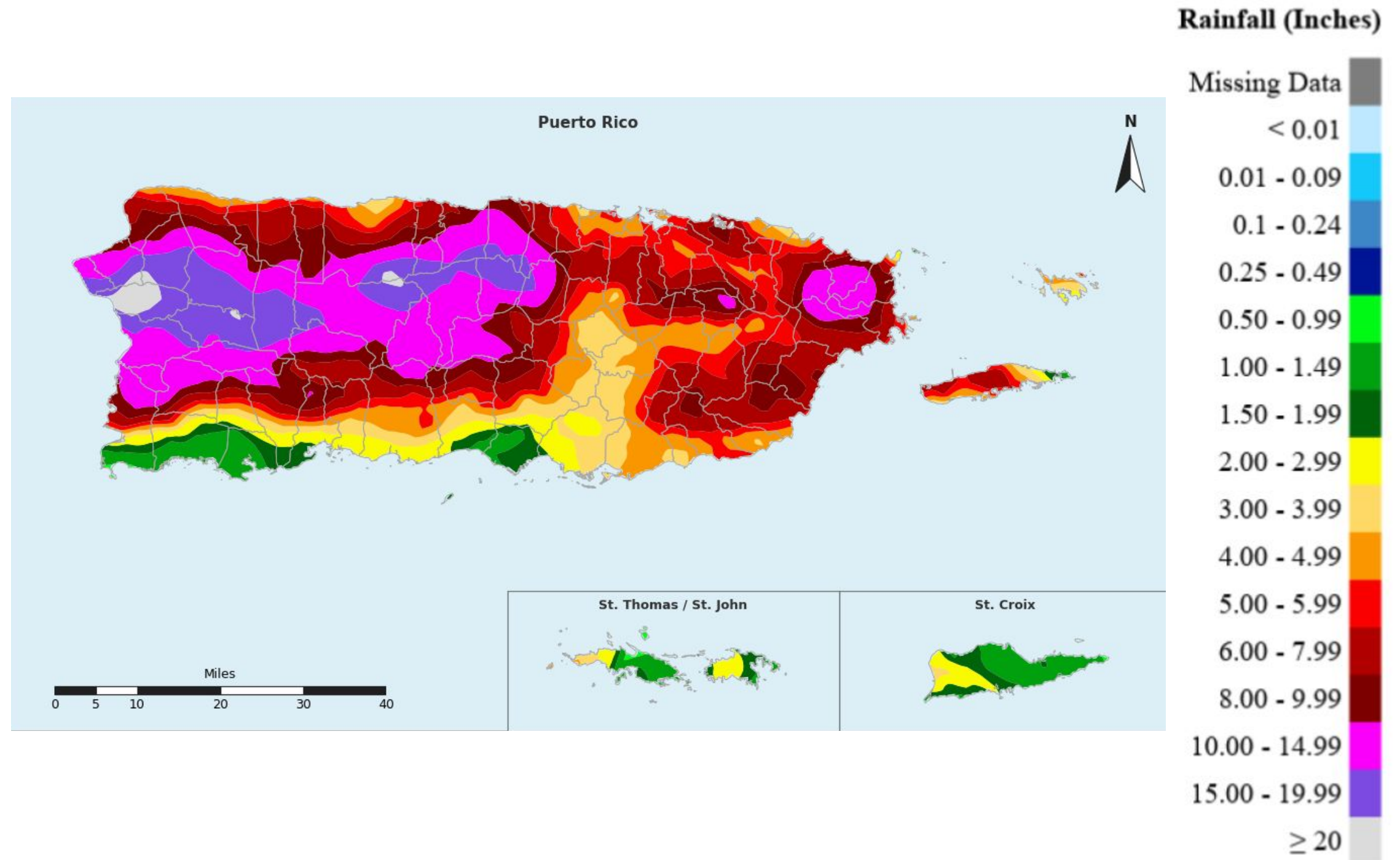


Image Captions:
Estimated Rainfall for the month of September.



Departure from Normal Rainfall

Estimated Departure from normal was obtained from [NWPS](#).

- The highest positive rainfall departures were observed across western and north-central Puerto Rico, with surpluses generally ranging from 3 to 8 inches and locally exceeding 8 inches.
- Rainfall deficits dominated southern and portions of eastern Puerto Rico, generally ranging from 1 to 4 inches below normal, with localized deficits reaching 5 to 8 inches along the southwestern coast.
- Rainfall departures were generally near to slightly above normal across the USVI, with localized surpluses of 0.5 to 2 inches, particularly across St. Croix.

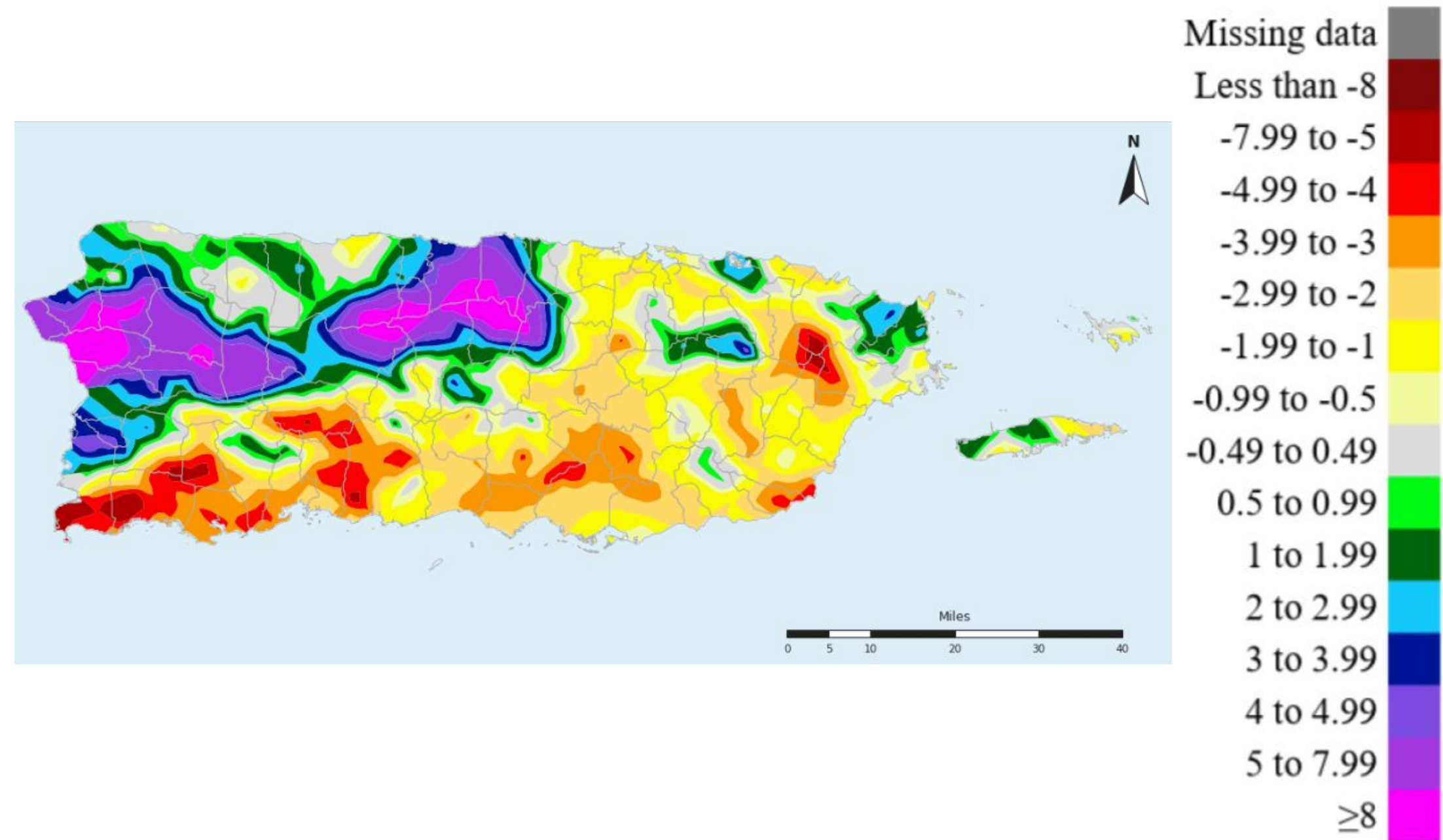


Image Captions:
Estimated Departure from Normal Rainfall for Puerto Rico during the month of September
*NWPS does not provide rainfall departure from normal for the USVI.



Hydrologic Conditions and Impacts

The latest monthly streamflow for Puerto Rico can be found on [WaterWatch](#)

- For current creeks, rivers, lakes and irrigation channels conditions, click [here](#).
- For Reservoir levels, click [here](#).
- For selected USGS monitored wells across southern Puerto Rico, click [here](#).
- For U.S. Virgin Island wells, press [here](#).

Non-Routine Hydrologic Products	Products issued for the month
Hydrologic Outlooks (SJUESFSJU)	0
Flood Watches (SJUFFASJU)	0
Flood Warnings (SJUFLWSJU)	1
Flash Flood Warnings (SJUFFWSJU)	4
Urban/Small Stream Flood Advisories (SJUFLSSJU)	67
Local Storm Reports (SJULSRSJU)	21

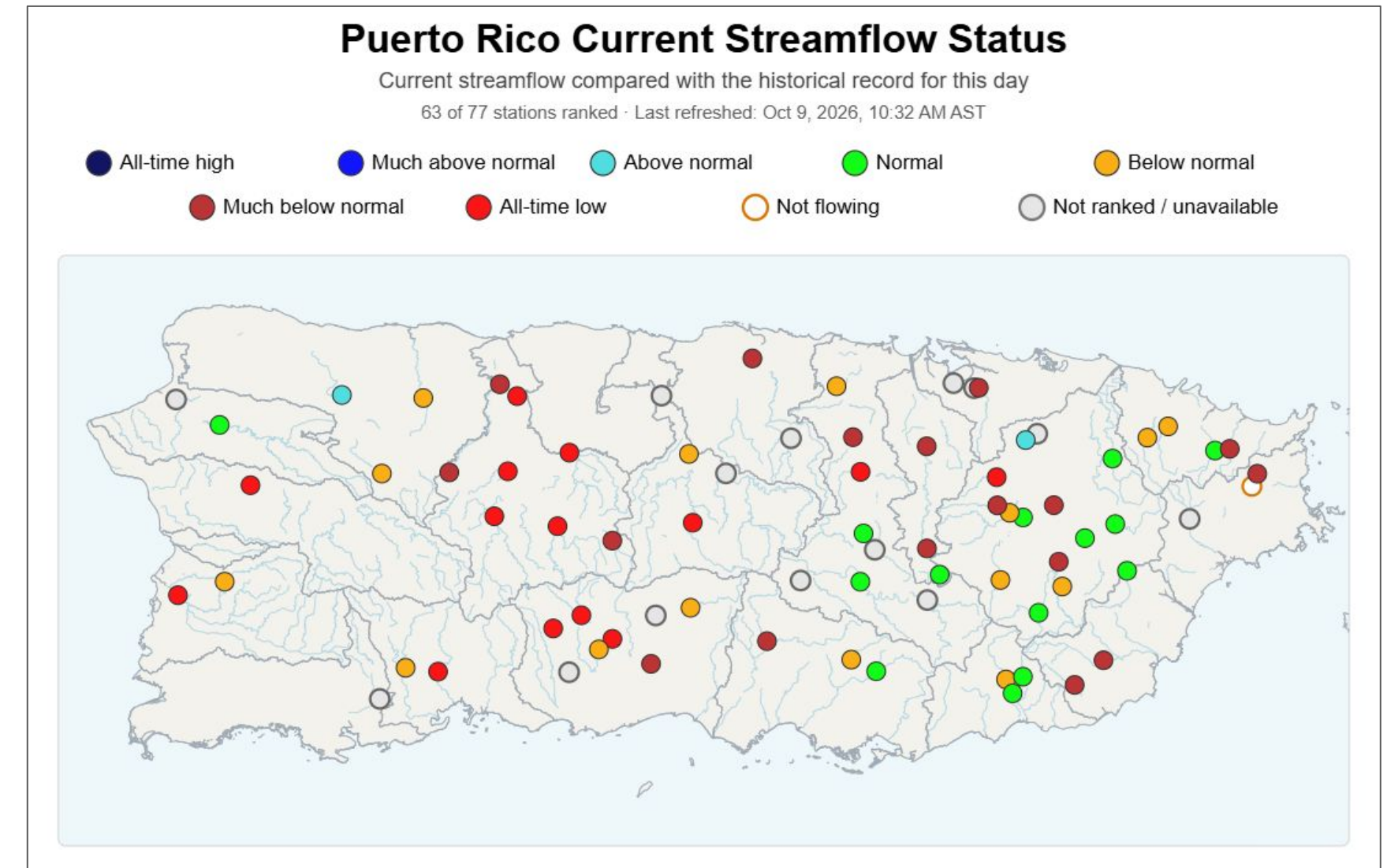


Image Caption: September 2026 compared to historical streamflows for Puerto Rico.



Soil Saturation

The latest soil moisture information for Puerto Rico can be found on [PRAGWATER](#)

- The latest data from PRAGWATER indicate moderate to high root-zone saturation across much of western, northern, and eastern Puerto Rico, while lower soil moisture levels persist along the southern coastal plains and portions of the eastern interior.
- Crop stress is primarily evident along the southern coastal areas, particularly across southwestern Puerto Rico, with localized stress across the eastern interior and northern coastal areas.

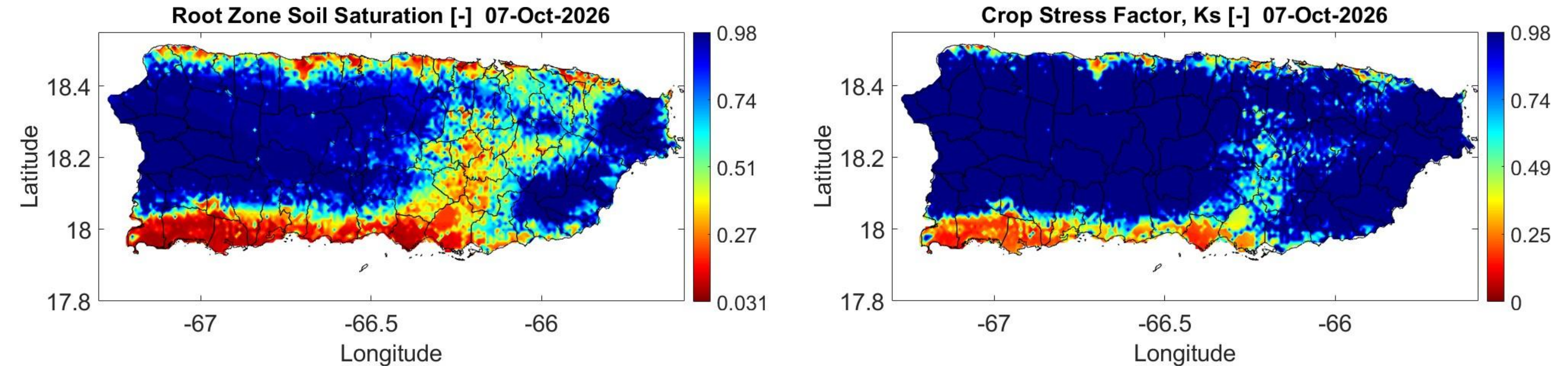


Image Caption: (Right) Root Zone Soil Saturation. (Left) Crop Stress Factor for Puerto Rico.

Soil saturation: 1=Saturated. Crop Stress Factor: 0=Extreme Stress.



U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the Caribbean

Drought conditions:

- Exceptional Drought (D4) is present across St. Thomas. Extreme Drought (D3) conditions continue across St. Croix and St. John, as well as across south-central and southwestern portions of Puerto Rico. The remaining areas are experiencing Severe Drought (D2) or Moderate Drought (D1), except for northwestern, western interior, and north-central Puerto Rico.

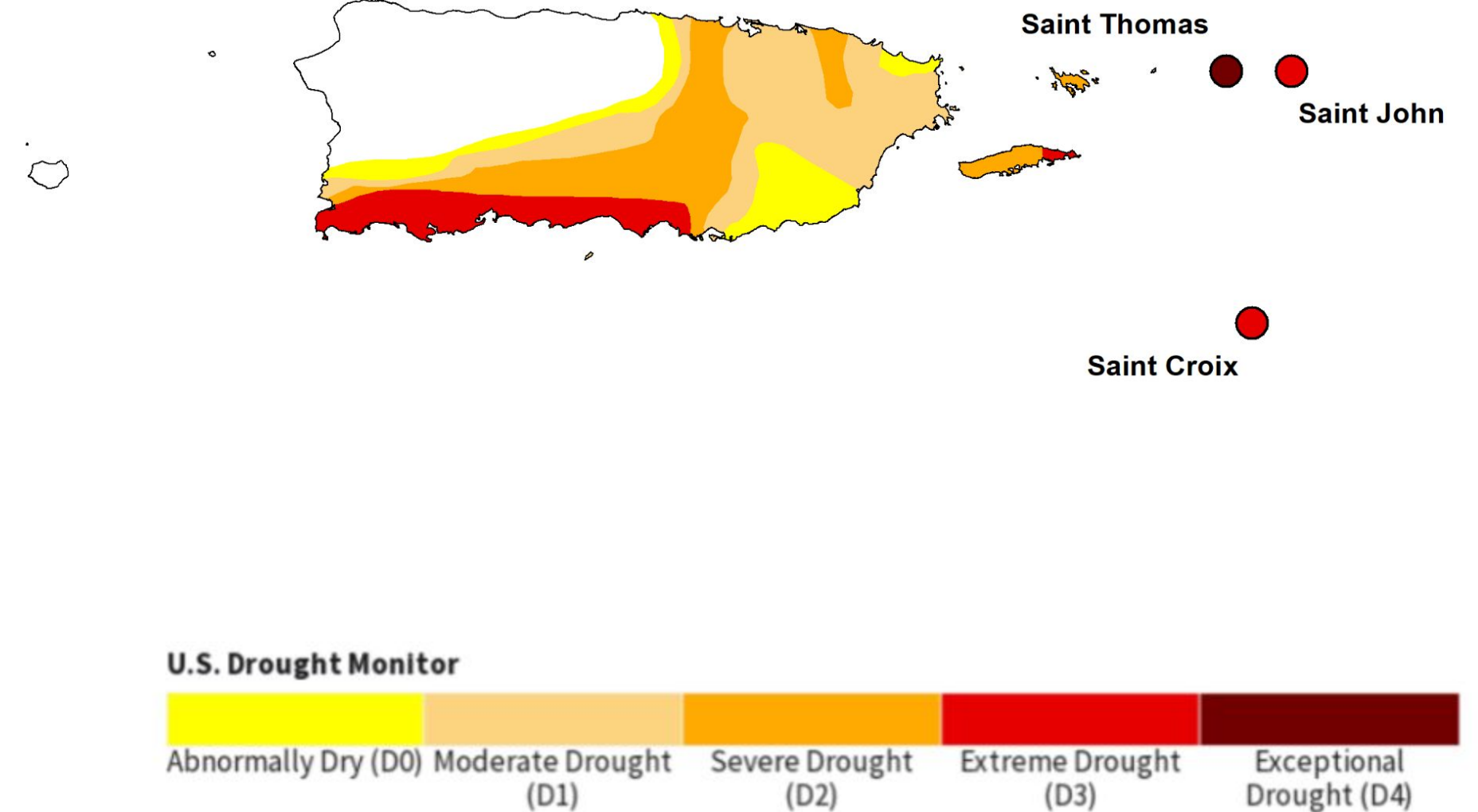


Image Caption: U.S. Drought Monitor valid 8 a.m. EDT September 29th, 2026



Link to the latest [4-week change map](#) for the Caribbean

Recent Change in Drought Intensity

Four Week Drought Monitor Class Change:

- Over the 4-week period, improvements of one and two drought category were observed across portions of Puerto Rico, particularly the eastern interior, following beneficial rainfall during recent weeks.
- Localized areas across southwestern, southeastern, and northwestern Puerto Rico experienced worsening drought conditions, while other areas remained relatively unchanged.
- Drought conditions deteriorated across St. Thomas and St. John, while St. Croix experienced limited changes. Exceptional drought (D4) persists across St. Thomas, with extreme drought (D3) affecting St. John and St. Croix.

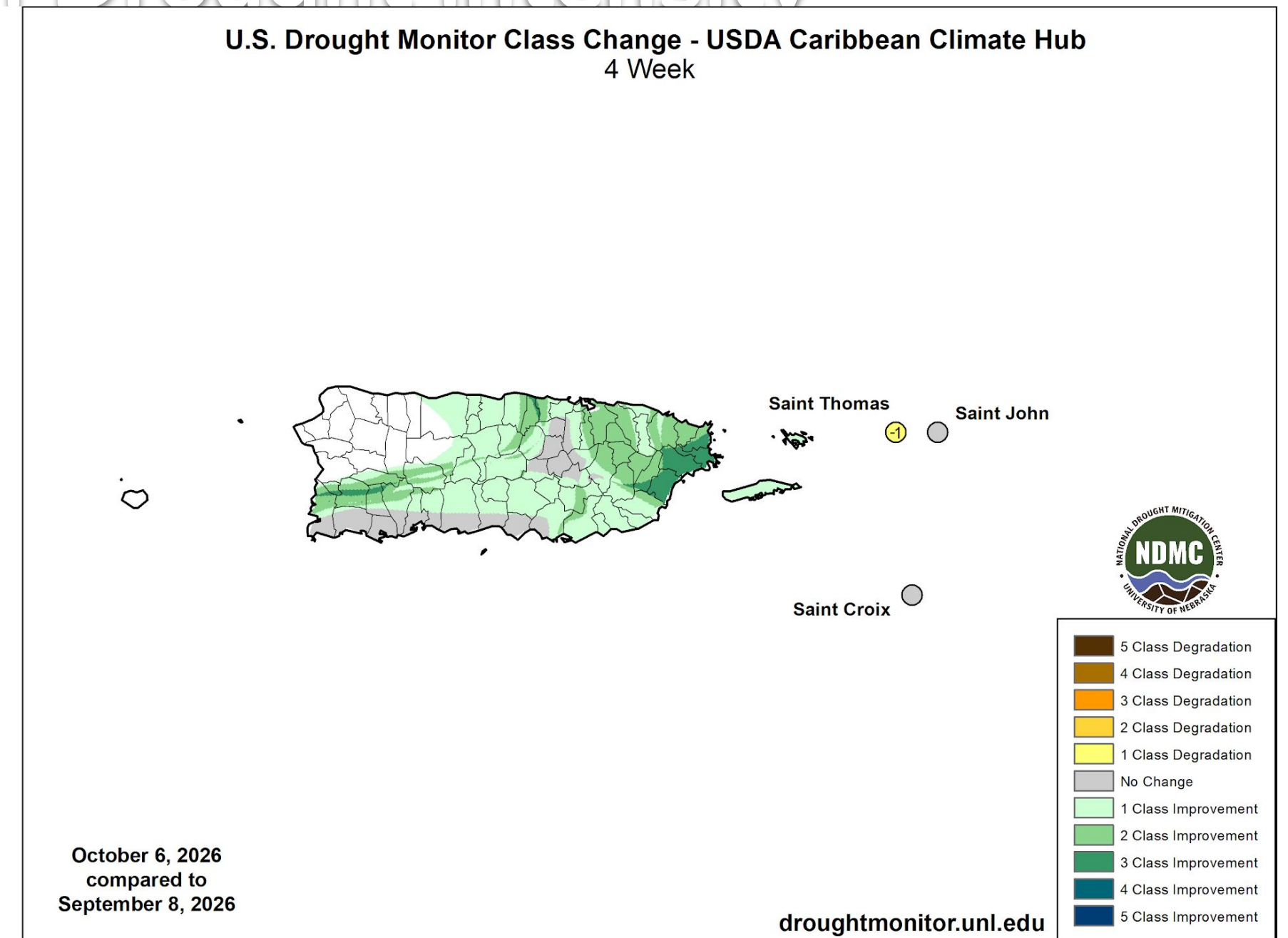


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT October 6th, 2026.



Long-Range Precipitation Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The North American Multi-Model Ensemble (NMME) for November 2026-January 2027 indicates near normal precipitation (chances around [40% to 50%](#)) persisting during the winter months across the northeastern Caribbean.

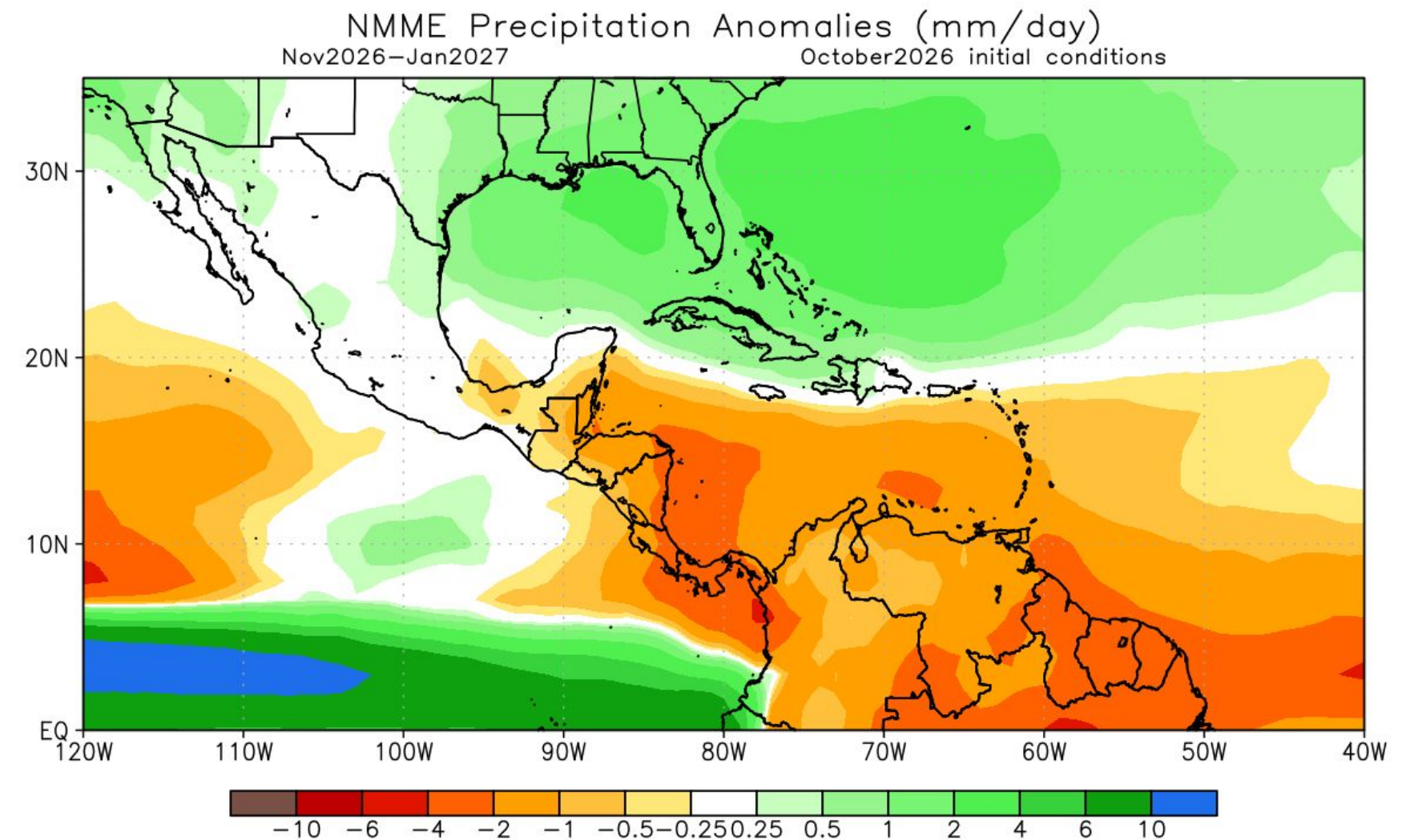


Image caption: NMME precipitation forecast issued October 2026.
Valid November 2026 - January 2027.



Long-Range Temperature Outlook

The latest three-months temperature outlook can be found on the [CPC homepage](#)

- Based on the **North American Multi-Model Ensemble (NMME)**, there is a [greater than 70%](#) of experiencing above-normal temperatures during the winter months (November 2026-January 2027) across the northeastern Caribbean.

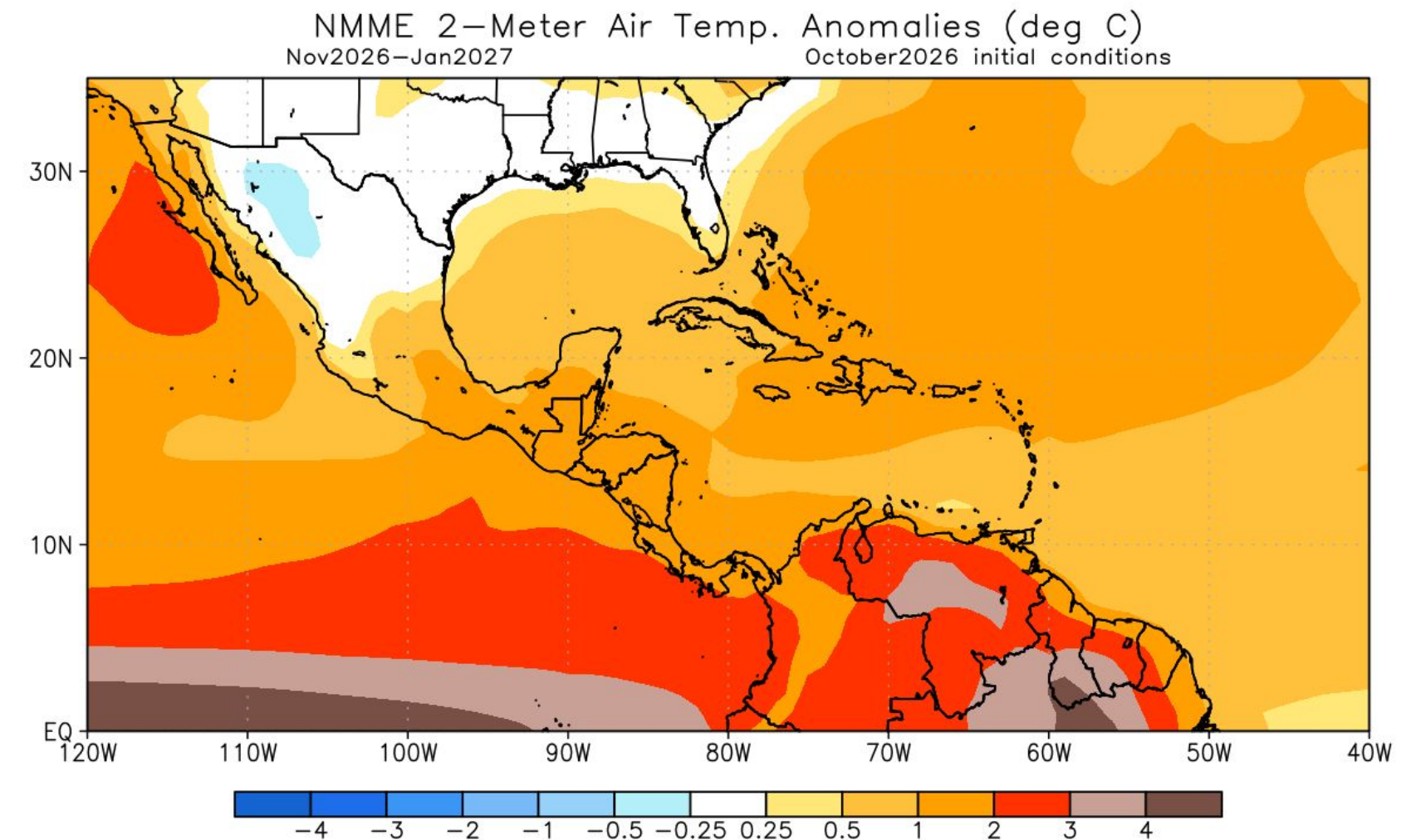


Image caption: NMME temperature forecast issued October 2026.
Valid November 2026 - January 2027.

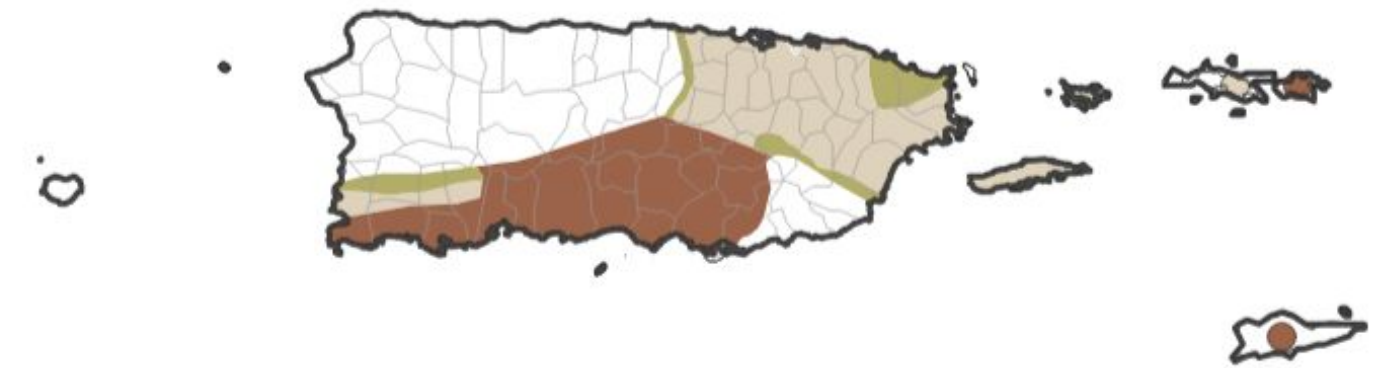


Long-Range Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The Seasonal Drought Outlook valid for **September 30 - December 31, 2026**, predicts that drought conditions will **persist** across portions of the interior and southern Puerto Rico, and the U.S. Virgin Islands (indicated in brown).
- Drought is also expected to improve in areas of the eastern quadrant of Puerto Rico, Vieques, and Culebra.

Seasonal (3-Month) Drought Outlook for September 30, 2026–December 31, 2026



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 09/30/26

Image Caption: U.S. Seasonal Drought Outlook. For September 30 - December 31, 2026.