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

Valid for November 2025

Issued By: WFO San Juan, PR

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November Climate Summary for Primary Climate Sites

San Juan Area
(Period of Record: 1898 to present)

Highest: **90 °F** on the 2, 7 & 8th
Lowest: **74 °F** on the 17, 22, 24 & 27-30th
Average: 81.2 °F (+0.7; above normal)
Rain Total: 4.77” (-2.60; below normal)

Days with T_{max} >= 90 °F: 3
Nights with T_{min} >= 80 °F: 0
Days with Rain (>= 0.01”): 25

Rankings:
14th warmest
45th driest

Remarks:

St. Thomas
(Period of Record: 1953 to present)

Highest: **92 °F** on the 12 & 26th
Lowest: **76 °F** on the 16th
Average: 84.4 °F (+2.8; above normal)
Rain Total: Missing

Days with T_{max} >= 90 °F: 17
Nights with T_{min} >= 80 °F: 9
Days with Rain (>= 0.01”): 12

Rankings:

Remarks:
4 days of temperature and precipitation data missing.
8 daily warmest minimum records set or tied.

St. Croix
(Period of Record: 1951 to present)

Highest: **89 °F** on the 12, 19 & 26th
Lowest: **70 °F** on the 22nd
Average: 80.7 °F (+0.1; above normal)
Rain Total: Missing

Days with T_{max} >= 90 °F: 0
Nights with T_{min} >= 80 °F: 0
Days with Rain (>= 0.01”): Missing

Rankings:
28th warmest

Remarks:
4 days of temperature data missing.
Precipitation sensor remains inoperable.

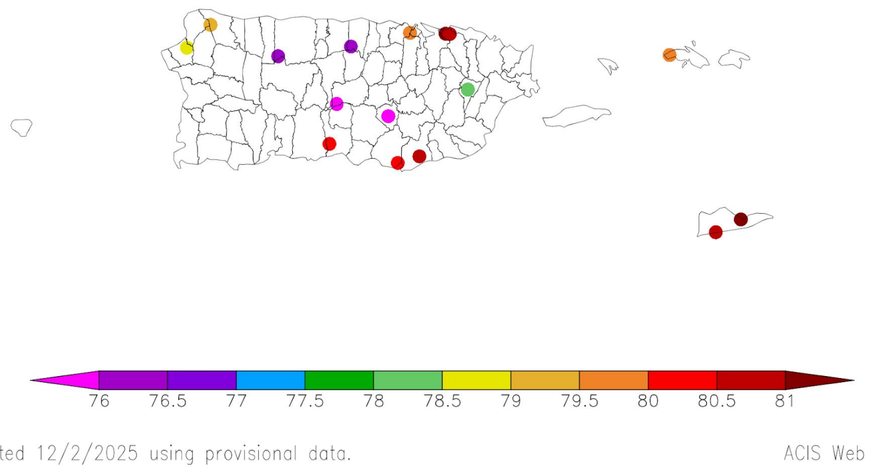
November Climate Summary for COOP Climate Sites

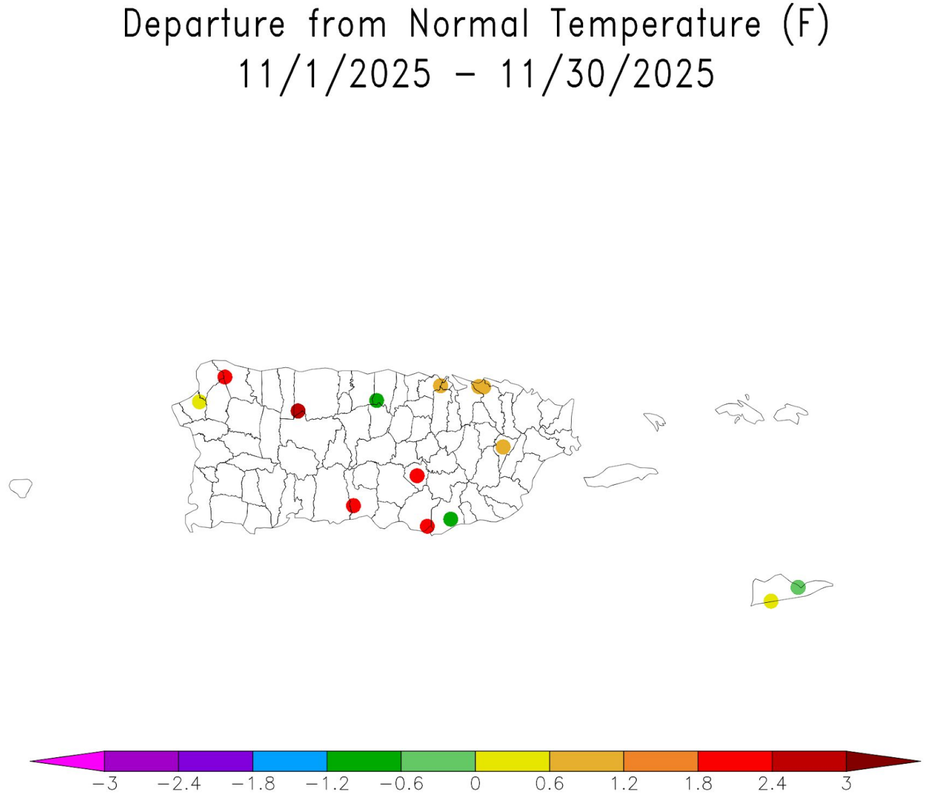
Station	Highest	Lowest	Avg. Temp.	Departure from normal	Temp. Rank	Precip.	Departure from normal	Precip. Rank
Adjuntas Substation	85 °F	56 °F	71.5 °F	-0.1	21th warmest	4.21”	-2.47	12th wettest
Aguirre	89 °F	69 °F	80.3 °F	+2.0	15th warmest	3.20”	-1.33	31st wettest
Aibonito 1 S	81 °F	64 °F	73.3 °F	+1.8	6th warmest	2.61”	-4.11	15th driest
Arecibo Observatory	91 °F	62 °F	76.1 °F	+2.5	4th warmest	5.09”	-2.46	13th driest
Coloso Aguada	90 °F	68 °F	78.9°F	+0.3	23rd warmest	8.67”	+3.57	19th wettest
Dos Bocas	M	M	M	M	M	M	M	M
Juncos 1 SE	88 °F	66 °F	78.3 °F	+1.2	18th warmest	4.78”	-2.91	38th driest
Magueyes Island	90 °F	70 °F	80.9 °F	+0.2	21st warmest	2.10”	-2.96	22nd driest
Palmarejo Vega Baja	87 °F	65 °F	76.3 °F	-1.0	3rd coolest	1.89”	-5.20	1st driest
Ponce 4 E	90 °F	66 °F	80.3 °F	+2.4	21st warmest	2.92”	-1.02	52nd driest
Toro Negro Forest	80 °F	60 °F	70.9 °F	M	7th warmest	1.33”	-7.23	2nd driest
Trujillo Alto 2 SSW	91 °F	69 °F	79.9 °F	+1.3	10th warmest	1.38”	-6.54	2nd driest

Records Began: *Adjuntas (1970), Aibonito (1906), Arecibo (1980), Coloso (1899), Dos Bocas (1937), Guayama (1914 Temp & 1911 Precip), Juncos (1931), Magueyes (1959), Palmarejo (2009), Ponce (1898 Temp & 1899 Precip), Toro Negro (2002 Temp & 1982 Precip), Trujillo Alto (1957)*

Observed Temperature

Link to generate the latest ACIS Climate Maps



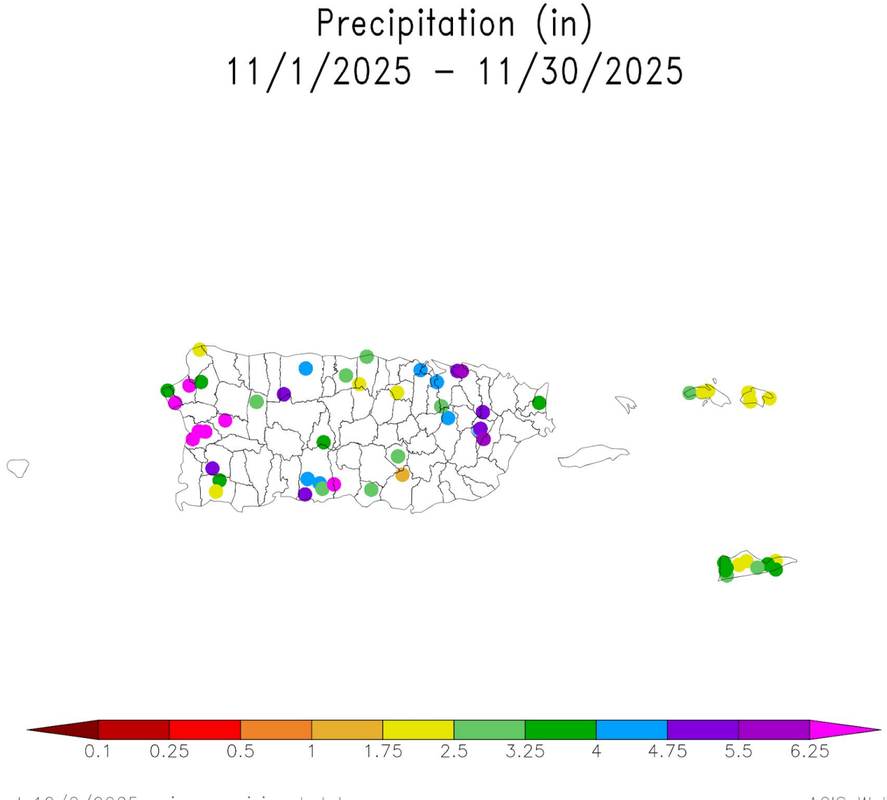


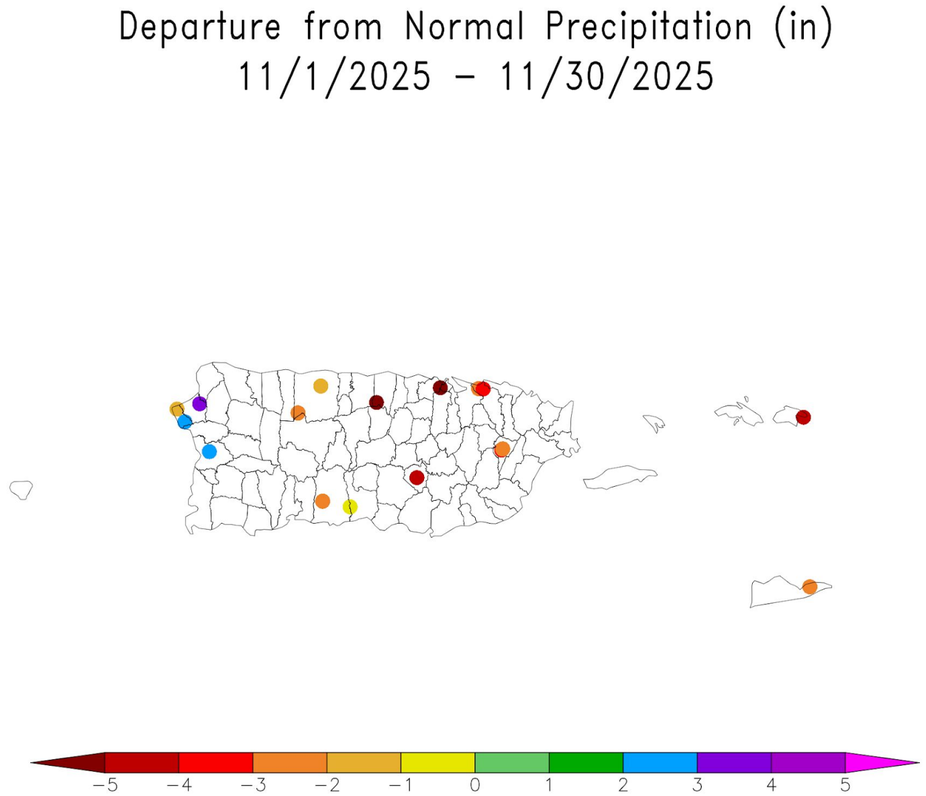
- Temperatures have been mostly above normal across the majority of local sites, with the exception of some areas in southeastern Puerto Rico. The COOP station in Puerto Rico with the highest daily maximum temperature was Lajas Substation, which recorded **93°F**. In the U.S. Virgin Islands, Christiansted Fort reported **91°F** as the highest maximum temperature.

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.

Observed Rainfall

Link to generate the latest ACIS Climate Maps





- Most stations in Puerto Rico and the U.S. Virgin Islands ended below normal, with some exceptions in western Puerto Rico. The COOP station with the highest monthly rainfall accumulation was **Coloso** with **8.67**". The CoCoRaHS station with the highest monthly rainfall accumulation was **Rincon 2.8 SE** with **8.97"**.

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)

- Areas of western and eastern Puerto Rico ended with rainfall amounts of 5 to 10 inches, and amounts as high as 15 inches.
- Other areas in the south also experienced amounts of 4 to 10 inches of rain, while less rain was observed near Guanica and from Salinas to Orocovis (less than two inches).
- In U.S. Virgin Islands, amounts were from 1 to 3 inches for St. Thomas and St. John, and 2 to 4 inches for St. Croix.

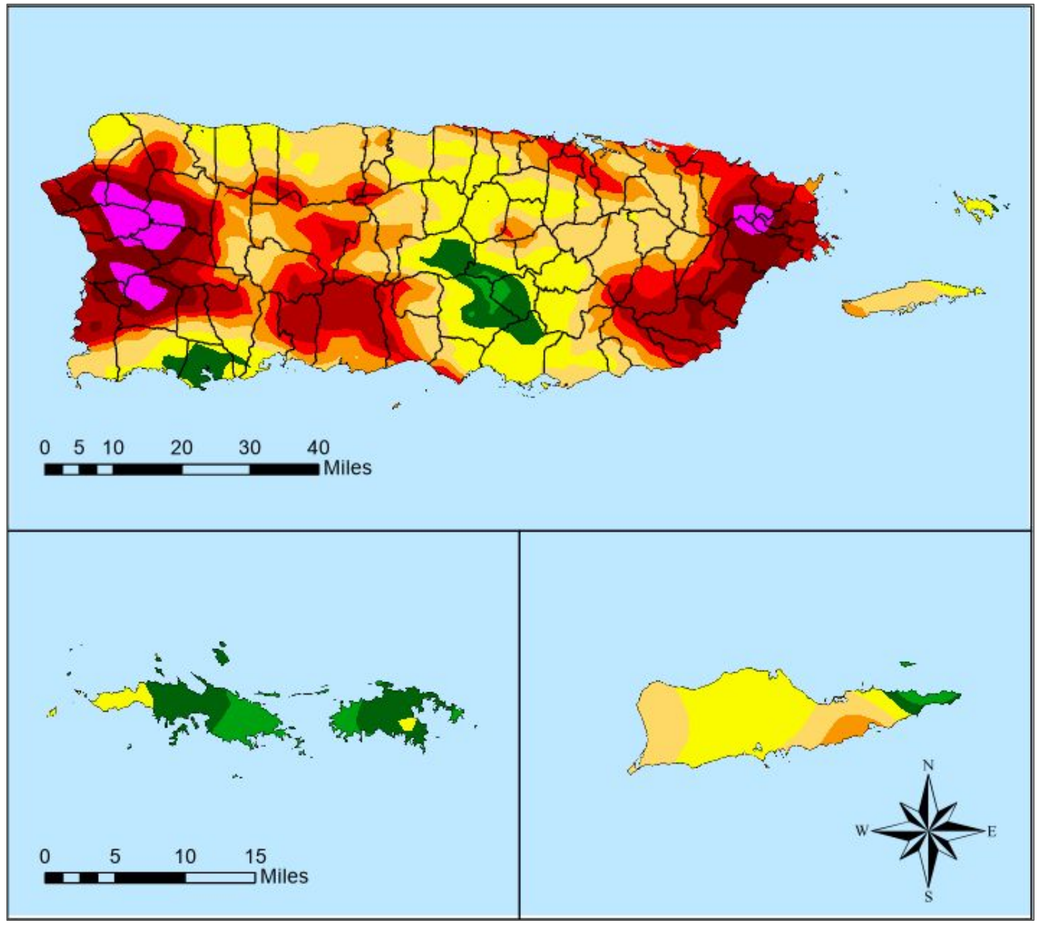


Image Captions:
Estimated Rainfall for the month of November. This map is courtesy of the NWS SJU GIS Team.

Departure from Normal Rainfall

Estimated Departure from normal was obtained from NWPS.

- Mostly below normal rainfalls were observed across Puerto Rico. The east, interior and north saw amounts of 1 to 5 inches below normal.

- Rainfall was above normal for western Puerto Rico, from Cabo Rojo to Aguada, with a surplus of 4 to 8 inches.

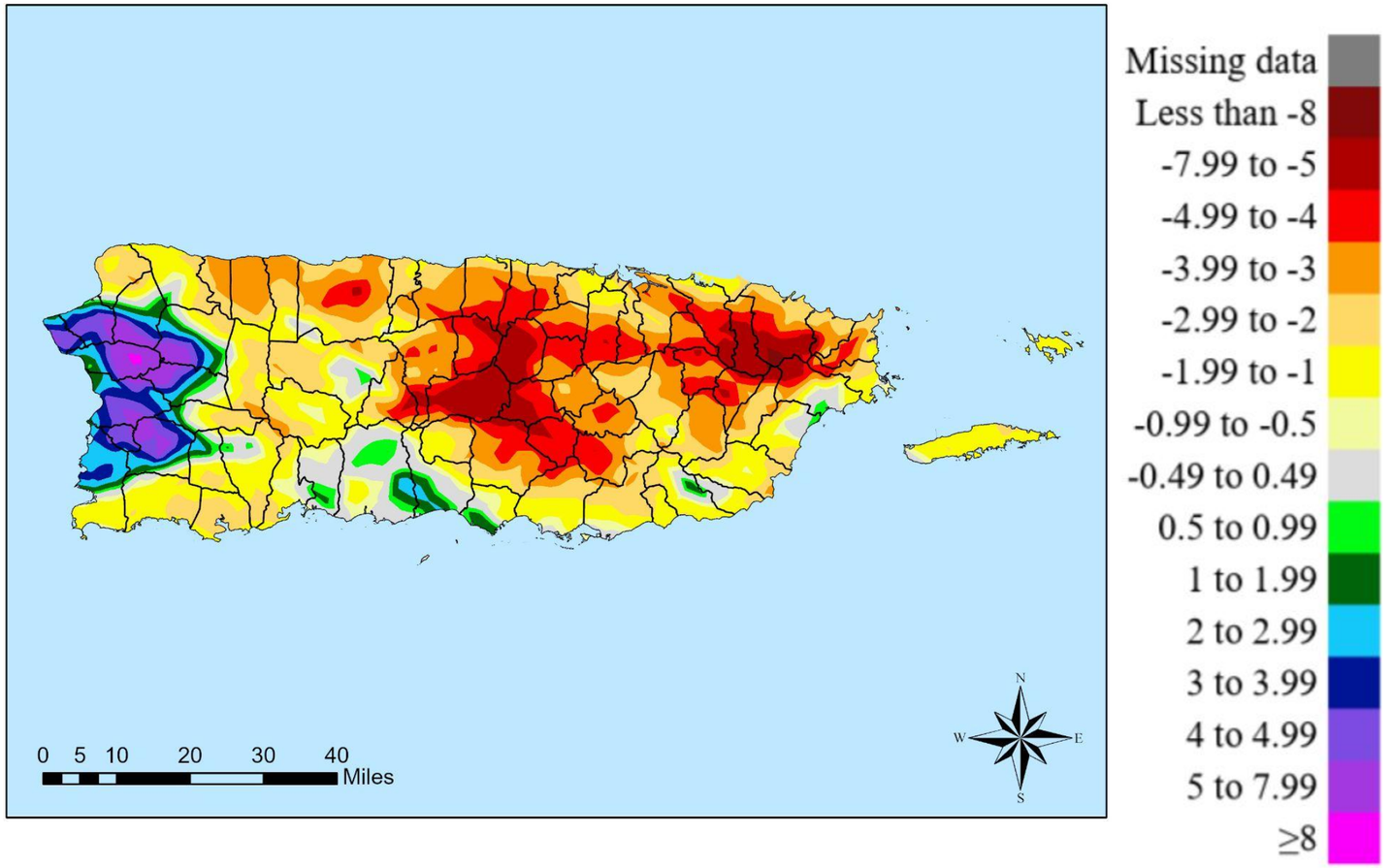


Image Captions:
Estimated Departure from Normal Rainfall for Puerto Rico during the month of November. This map is courtesy of the NWS SJU GIS Team.
*NWPS does not provide rainfall departure from normal for the USVI.

Hydrologic Conditions and Impacts

The latest soil monthly streamflow for Puerto Rico can be found on WaterWatch

- The 28-day average streamflow from the USGS river gauge network indicates considerable dryness, with most rivers now below normal to much below normal. Most rivers in the west and south are running near normal, however.. 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)	0
Urban/Small Stream Flood Advisories (SJUFLSSJU)	17
Local Storm Reports (SJULSRSJU)	9

Latest Monthly Average Streamflow from USGS

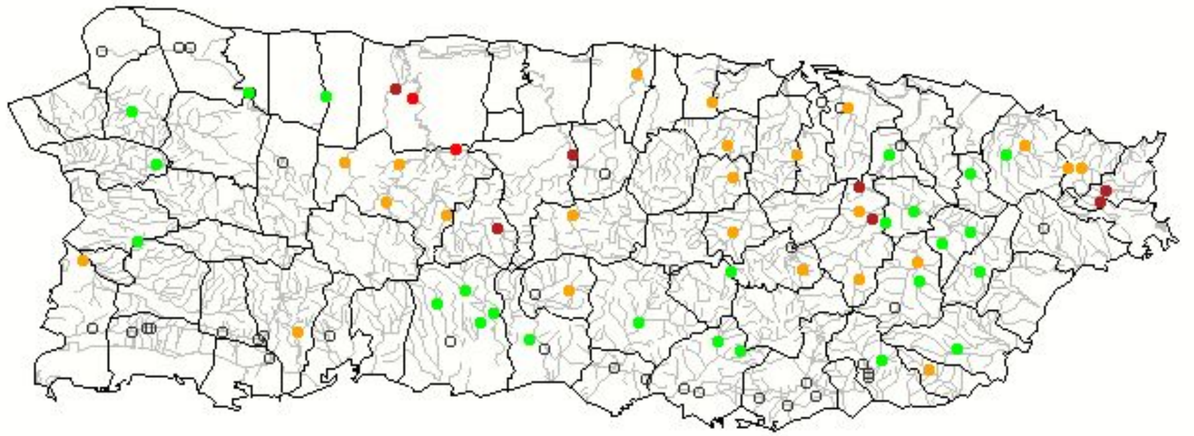
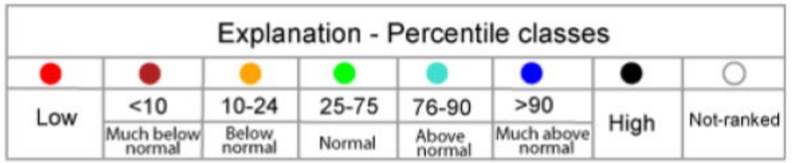


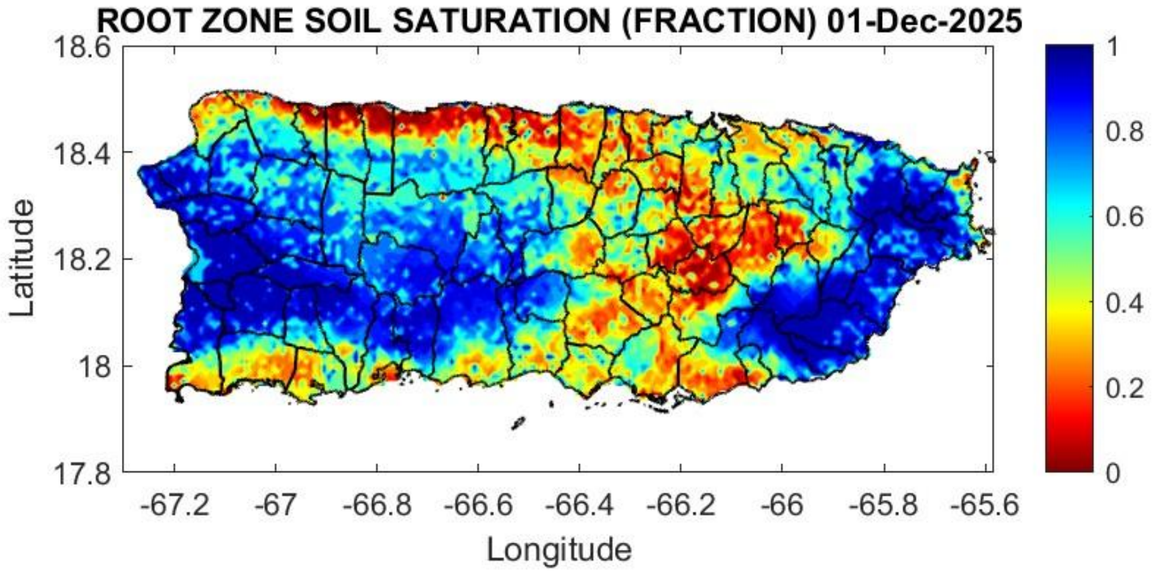
Image Caption: November 2025 compared to historical streamflows for Puerto Rico.



Soil Saturation

The latest soil moisture information for Puerto Rico can be found on PRAGWATER

The latest data retrieved from PRAGWATER indicate that conditions continue to dry out (in red and orange). The effects are most noticeable along the eastern interior, and the north and southern coasts. Crop stress is also expanding in these areas.



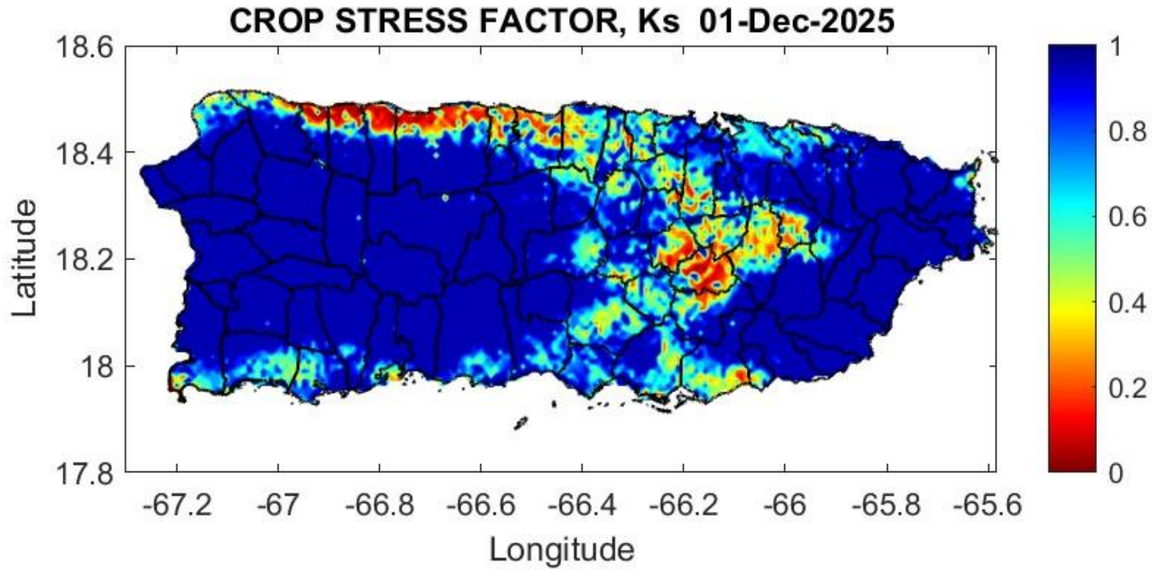


Image Caption: (Left) Crop Stress Factor for Puerto Rico. (Right) Root Zone Soil Saturation Fraction. Soil saturation: 1=Saturated. Crop Stress Factor: 0=high

U.S. Drought Monitor

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

DROUGHT CONDITIONS:

Abnormally Dry conditions (D0) conditions continue to expand along the interior, north central, northwest and southwest Puerto Rico.
These conditions are also observed in the Virgin Islands, since rain has been lacking, and underground wells continue to lose water.

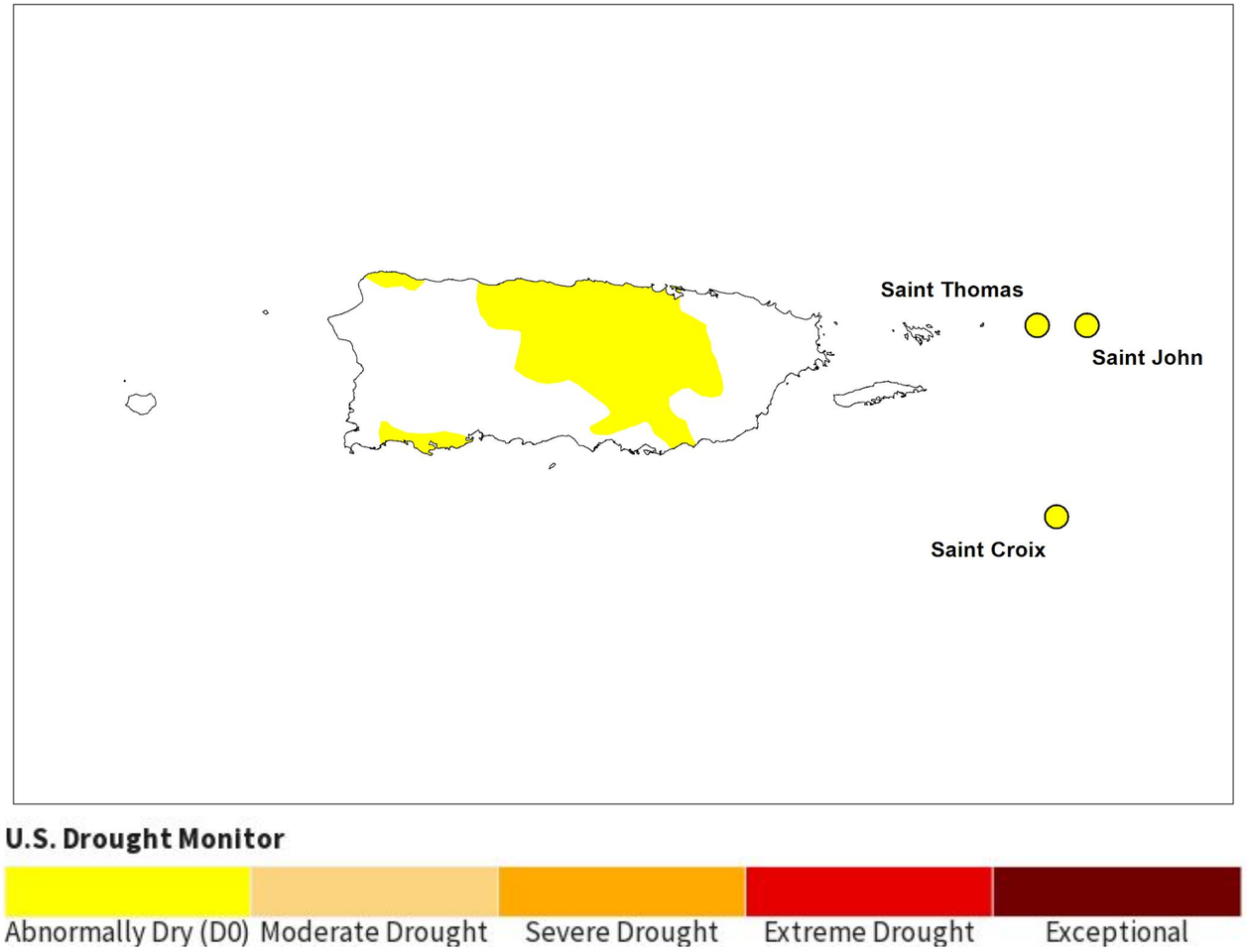


Image Caption: U.S. Drought Monitor valid 8am EDT December 2nd, 2025

Recent Change in Drought Intensity

Link to the latest 4-week change map for the Caribbean

Four Week Drought Monitor Class Change:

- Over the past month, one class deterioration was observed along the interior, north central, northwest and southwest of Puerto Rico.
- One class improvement was observed in the southeast.
- Also, one class degradation was observed in the Virgin Islands.

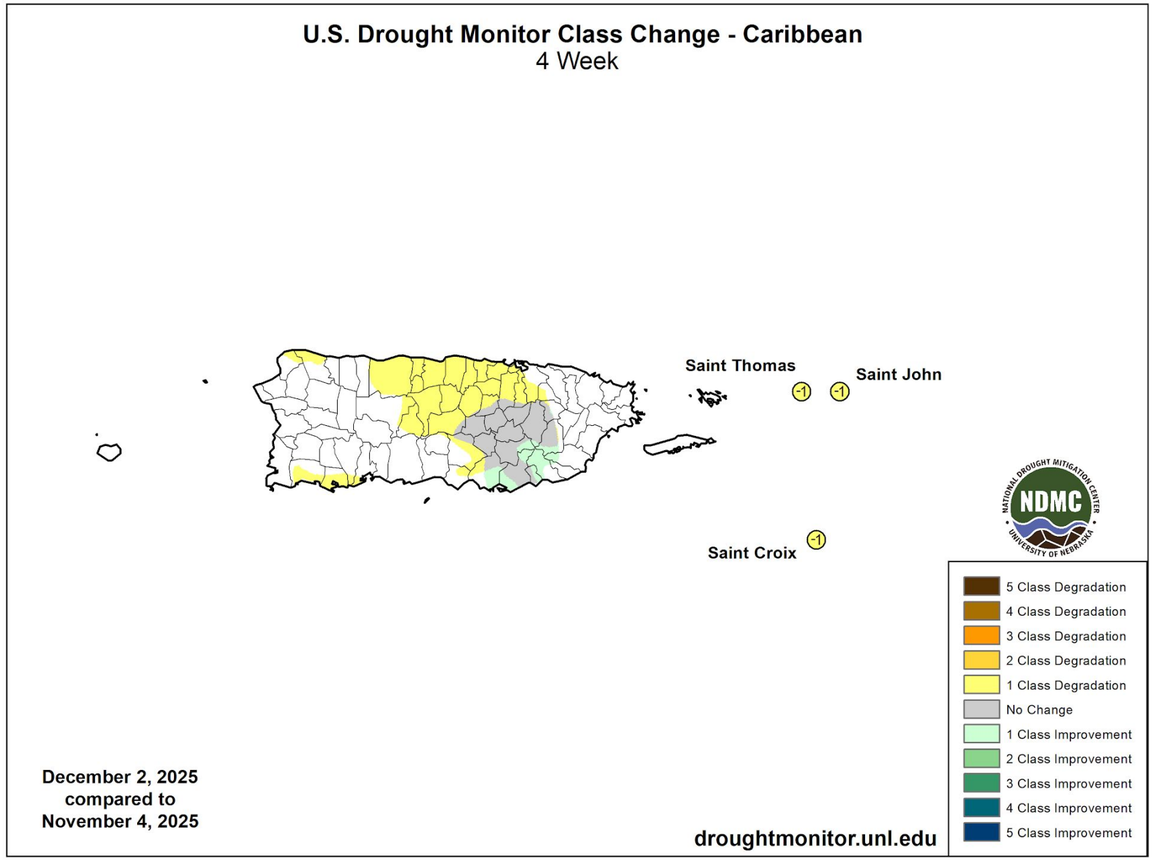


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT Dec 2nd, 2025.

Long-Range Precipitation Outlook

The latest monthly and seasonal outlooks can be found on the CPC homepage

- The **North American Multi-Model Ensemble (NMME)** indicates near normal conditions during the winter and early spring (January-March 2026) across the northeastern Caribbean.

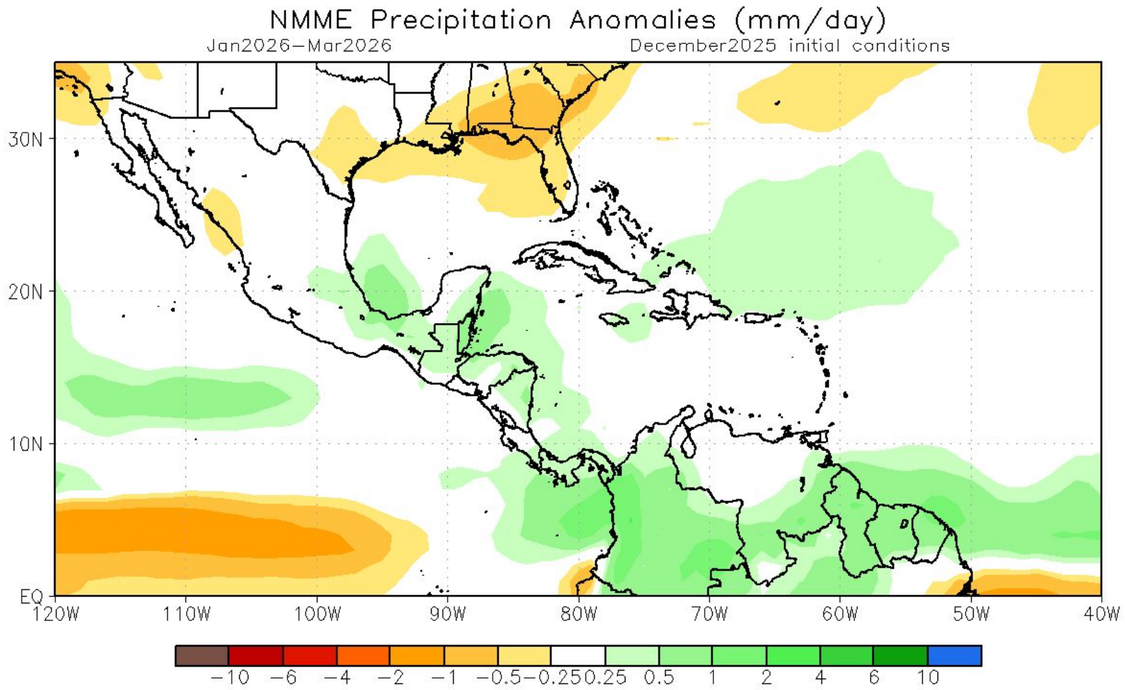


Image caption: NMME precipitation forecast issued December 2025. Valid January - March 2026.

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 chance greater or equal than 70% above-normal temperatures during the winter and early spring (December 2025-February 2026) across the northeastern Caribbean.

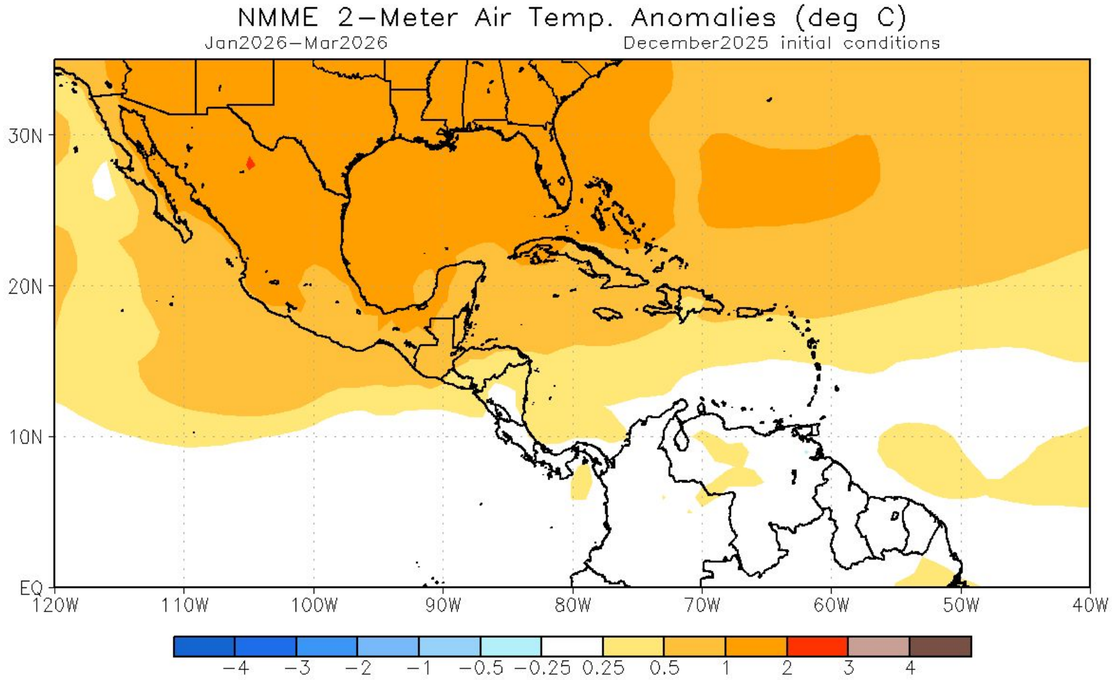


Image caption: NMME temperature forecast issued December 2025. Valid January - March 2026.

Long Range Drought Outlook

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- Based on the expected conditions, no drought is expected to develop in Puerto Rico nor the Virgin Islands over the upcoming three months.

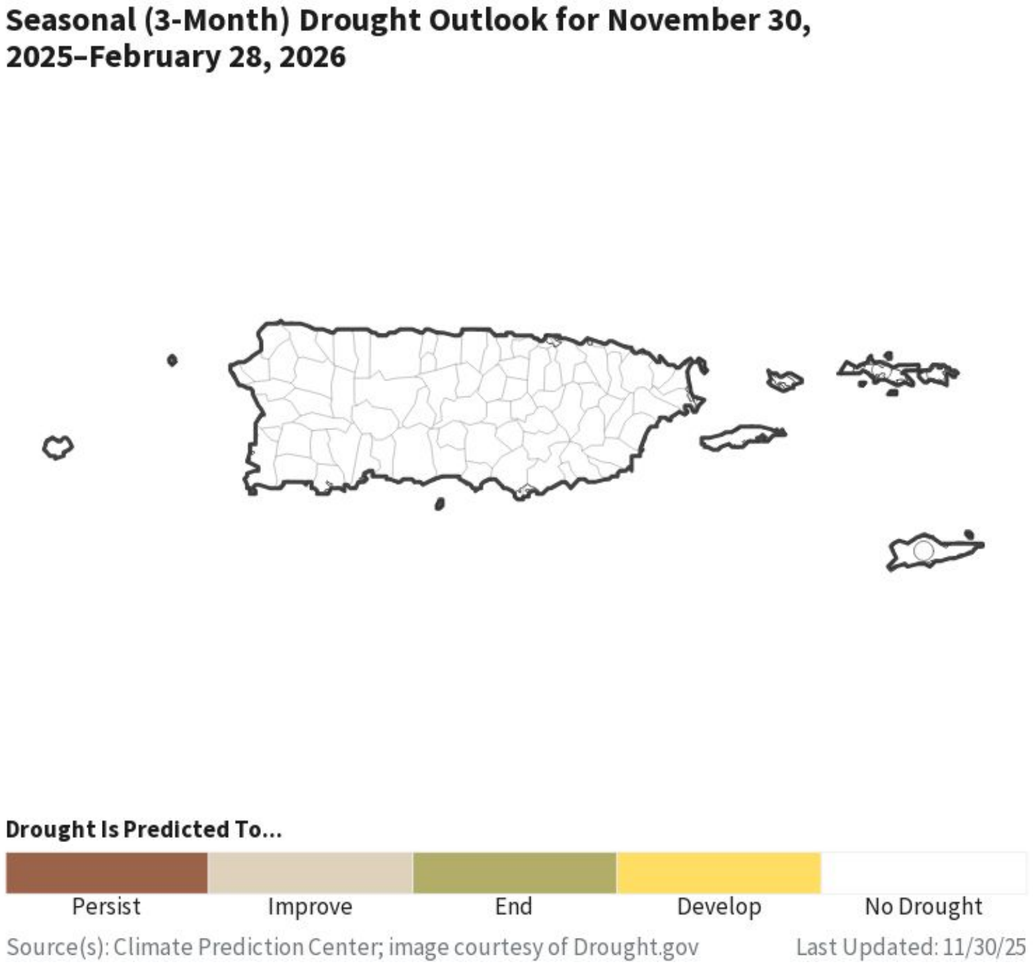

Image Caption: U.S. Seasonal Drought Outlook Valid for November 30th 2025 to February 28th 2026.