



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

Valid for May 2026

Issued By: WFO San Juan, PR

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May Climate Summary for Primary Climate Sites

San Juan Area

(Period of Record: 1898 to present)

Highest: **92 °F** on the 6, 14 & 31st
Lowest: **74 °F** on the 23, 25 & 27th
Average: 82.3 °F (**+0.7**; above normal)
Rain Total: 2.93" (**-2.61**; below normal)

Days with $T_{\max} \geq 90$ °F: 9
Nights with $T_{\min} \geq 80$ °F: 0
Days with Rain (≥ 0.01 "): 16

Rankings:

14th warmest
26th driest

Remarks:

St. Thomas

(Period of Record: 1953 to present)

Highest: **92 °F** on the 9th
Lowest: **75 °F** on the 19th
Average: 83.8 °F (**+1.5**; above normal)
Rain Total: 2.79" (**-2.43**; below normal)

Days with $T_{\max} \geq 90$ °F: 9
Nights with $T_{\min} \geq 80$ °F: 12
Days with Rain (≥ 0.01 "): 12

Rankings:

4th warmest
8th driest

Remarks:

5 warmest minimum temperature records.

St. Croix

(Period of Record: 1951 to present)

Highest: **88 °F** on the 29, 30 & 31st
Lowest: **73 °F** on the 8 & 21st
Average: 81.7 °F (**+0.5**; above normal)
Rain Total: 1.11" (**-2.51**; below normal)

Days with $T_{\max} \geq 90$ °F: 0
Nights with $T_{\min} \geq 80$ °F: 0
Days with Rain (≥ 0.01 "): 11

Rankings:

27th warmest
21st driest

Remarks:



May Climate Summary for COOP Climate Sites

Station	Highest	Lowest	Avg. Temp.	Temp. Rank	Precip.	Precip. Rank
Adjuntas Substation	86 °F	58 °F	72.9 °F	9 th warmest	3.35"	9 th driest
Aguirre	89 °F	70 °F	81.3 °F	11 th warmest	1.04"	11 th driest
Aibonito 1 S	85 °F	65 °F	74.0 °F	7 th warmest	2.30"	22 nd driest
Arecibo Observatory	91 °F	66 °F	77.1 °F	7 th warmest	1.49"	1 st driest
Coloso Aguada	91 °F	68 °F	79.8°F	15 th warmest	9.53"	53 th driest
Dos Bocas	M	M	M	M	M	M
Guayama 1 SW	91 °F	71 °F	81.3°F	43 th warmest	1.46"	11 th driest
Juncos 1 SE	90 °F	69 °F	79.9 °F	14 th warmest	3.03"	19 th driest
Magueyes Island	90 °F	73 °F	82.9 °F	9 th warmest	0.44"	8 th driest
Palmarejo Vega Baja	90 °F	66 °F	77.1 °F	5 th coolest	1.59"	2 nd driest
Ponce 4 E	91 °F	73 °F	81.7 °F	7 th warmest	1.08"	24 th driest
Toro Negro Forest	83 °F	57 °F	71.9 °F	7 th warmest	2.01"	2 nd driest
Trujillo Alto 2 SSW	91 °F	70 °F	80.5 °F	14 th warmest	5.01"	21 st driest

Records Began: Adjuntas (1970), Aguirre (1955), 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)



May Climate Summary for COOP Climate Sites

Station			Station		
Precip.			Precip.		
Precip. Rank			Precip. Rank		
Calero Camp	M	M	Paraíso	3.87"	9 th driest
Corral Viejo Ponce	2.61"	17 th driest	Río Blanco Lower	M	M
Ensenada	0.80"	12 th driest	Sabana Grande 2 ENE	0.77"	7 th driest
Guajataca Dam	M	M	Christiansted Fort	1.23"	13 th driest
Hacienda Constanza 2W	6.79"	6 th driest	Cruz Bay	1.35"	4 th driest
Isabela Substation	4.76"	30 th driest	East End	1.74"	19 th driest
Jájome Alto	4.59"	27 th driest	East Hill	0.89"	12 th driest
Juana Díaz Camp	2.43"	36 th driest	Montpellier	1.70"	12 th driest
Manatí 2 E	2.59"	19 th driest			
Maricao Fish Hatchery	5.43"	12 th driest			
Mora Camp	M	M			
Morovis 1 N	M	M			

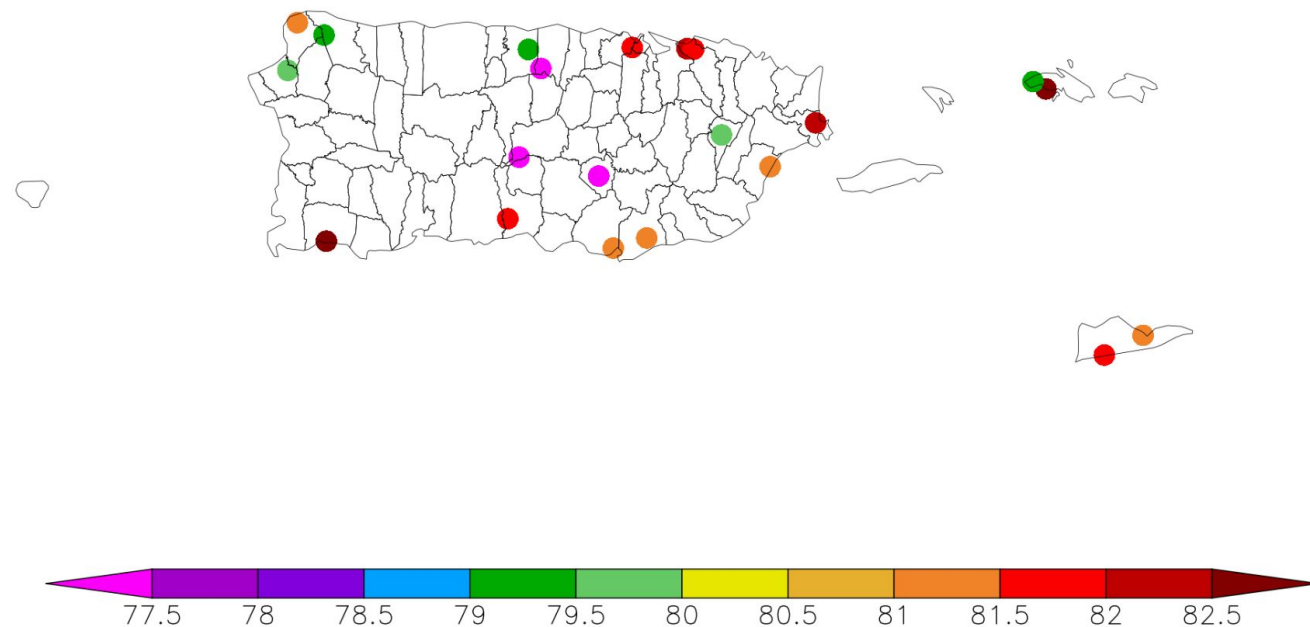
Records Began: Calero Camp (1955), Corral Viejo (1970), Ensenada (1955), Guajataca Dam (1955), Hacienda Constanza 2W (2011), Isabela Substation (1901), Jájome Alto (1955), Juana Díaz Camp (1931), Manatí 2 E (1900), Maricao Fish Hatchery (1955), Mora Camp (1955), Morovis 1 N (1956), Paraíso (1956), Río Blanco Lower (1955), Sabana Grande 2 ENE (1907), Yabucoa 3 SE (2023), Christiansted Fort (1921), Cruz Bay (1972), East End (1972), East Hill (1972), Montpellier (1979)



Observed Temperature

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

Temperature (F)
5/1/2026 – 5/31/2026

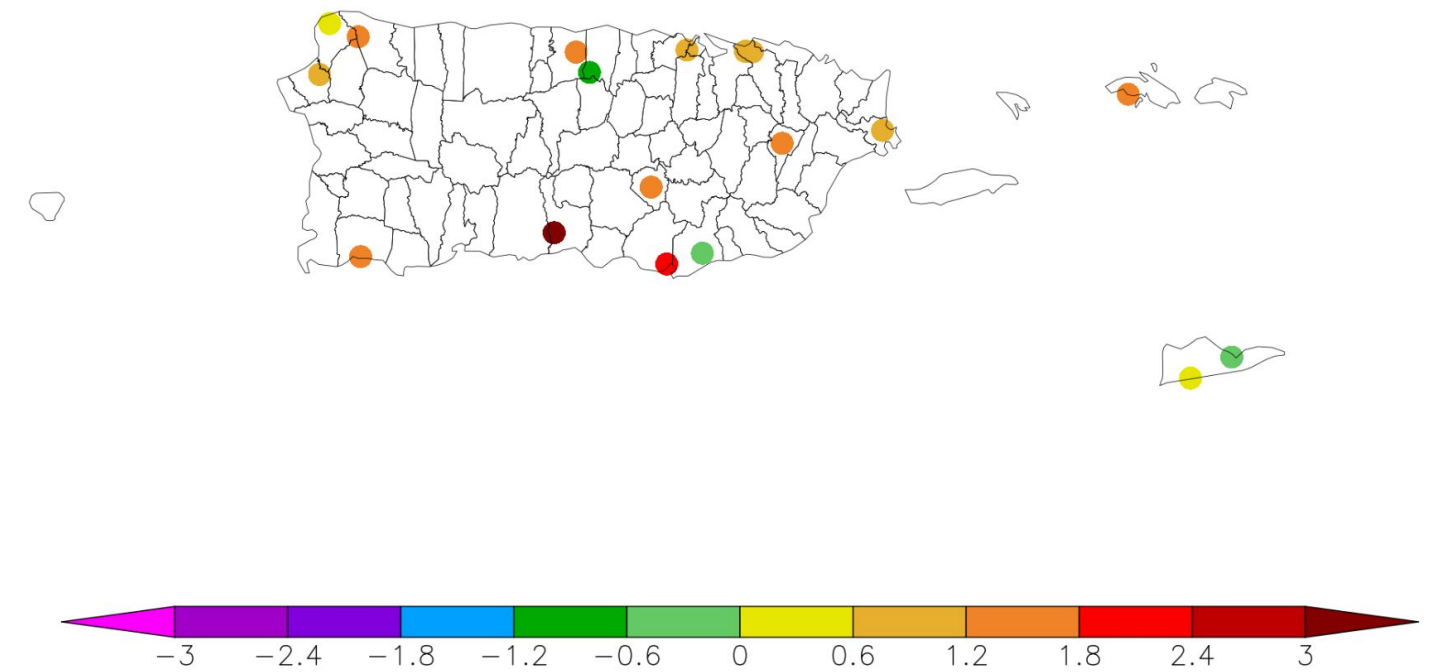


Generated 6/10/2026 using provisional data.

ACIS Web Services

- Temperatures have been mostly above normal across most of local sites. The COOP station in Puerto Rico with the highest daily maximum temperature was Lajas Substation which recorded **94°F**. In the U.S. Virgin Islands, Bordeaux reported **88°F** as the highest maximum temperature.

Departure from Normal Temperature (F)
5/1/2026 – 5/31/2026



Generated 6/10/2026 using provisional data.

ACIS Web Services

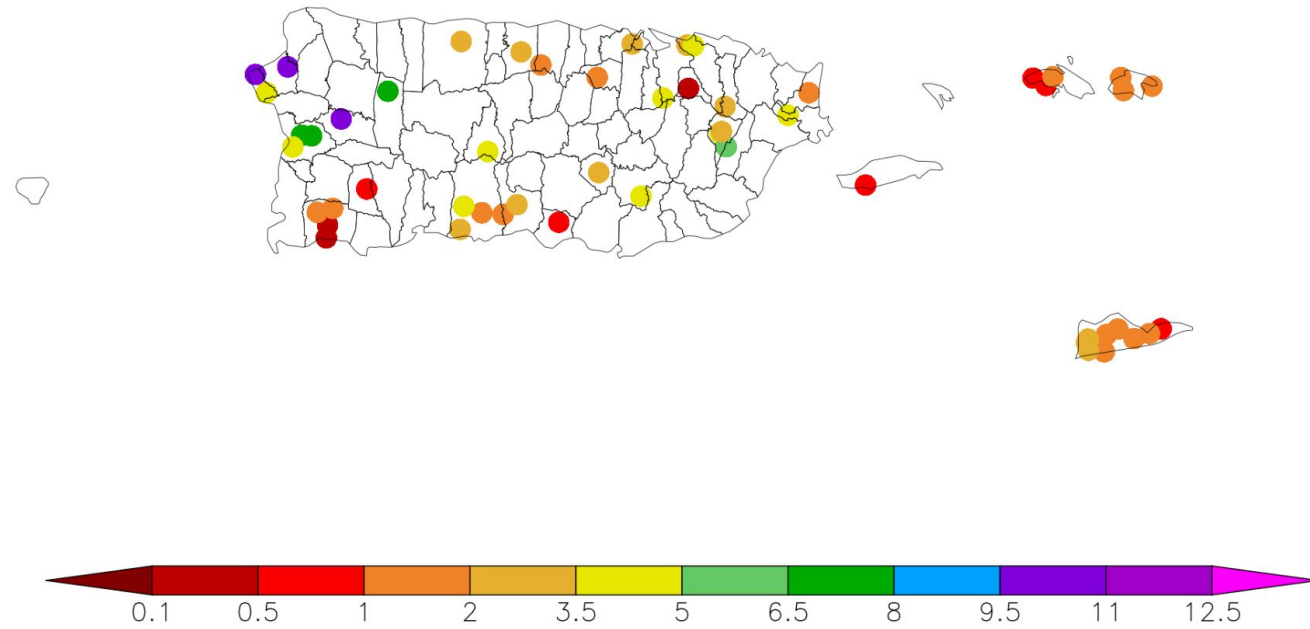
Image Captions:
Left - Observed Average Temperature for Puerto Rico and US Virgin Islands (COOP)
Right - Departure from normal temperature for Puerto Rico and US Virgin Islands (COOP)
Data Courtesy High Plains Regional Climate Center/NWS COOP Stations.



Observed Rainfall

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

Precipitation (in)
5/1/2026 – 5/31/2026

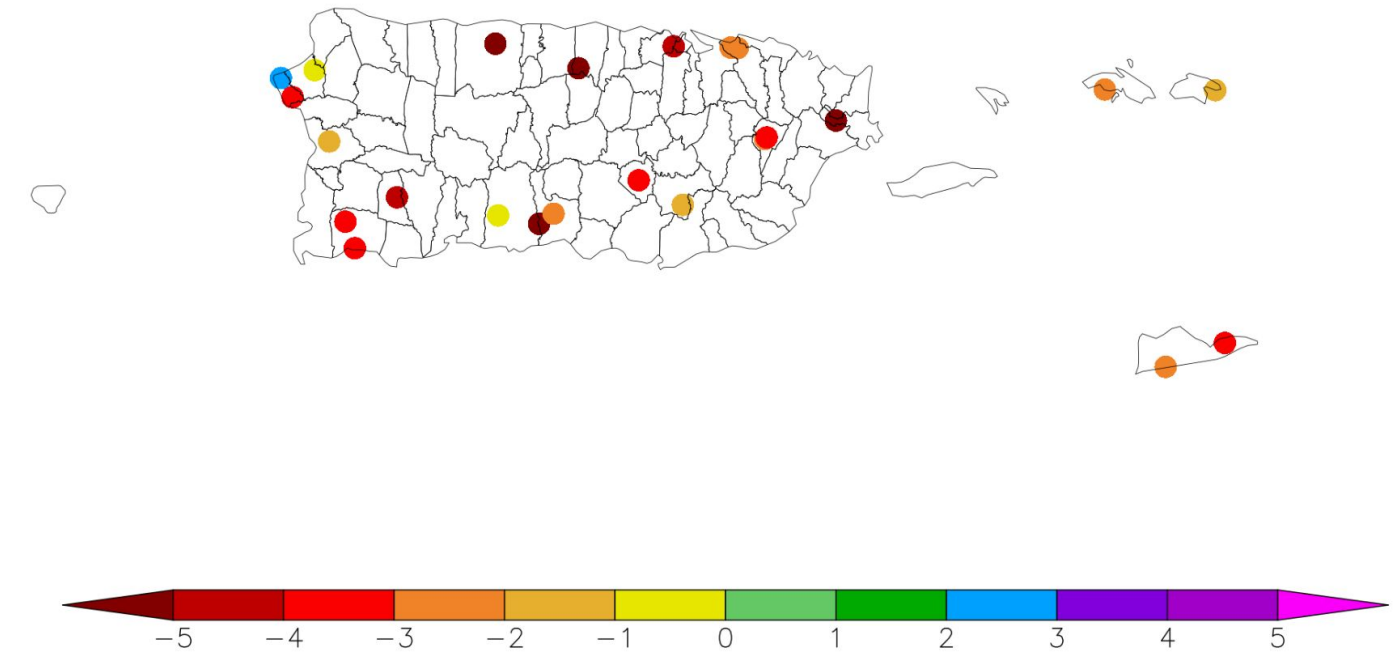


Generated 6/10/2026 using provisional data.

ACIS Web Services

- The COOP station with the highest monthly rainfall accumulation was **Coloso** with **9.53"**. The CoCoRaHS station with the highest monthly rainfall accumulation was **Moca 0.3 S** with **19.59"**.

Departure from Normal Precipitation (in)
5/1/2026 – 5/31/2026



Generated 6/10/2026 using provisional data.

ACIS Web Services

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)

- Rainfall was extensive along the interior and west of Puerto Rico, and portions of the east, with accumulations above 10 inches.
- It did rain less in the San Juan metro area and the vicinity and the southeast.
- For the Virgin Islands, rainfall amounts generally ranged from 1 to 2 inches, with 2 to 4 inches estimated over western St. Croix.

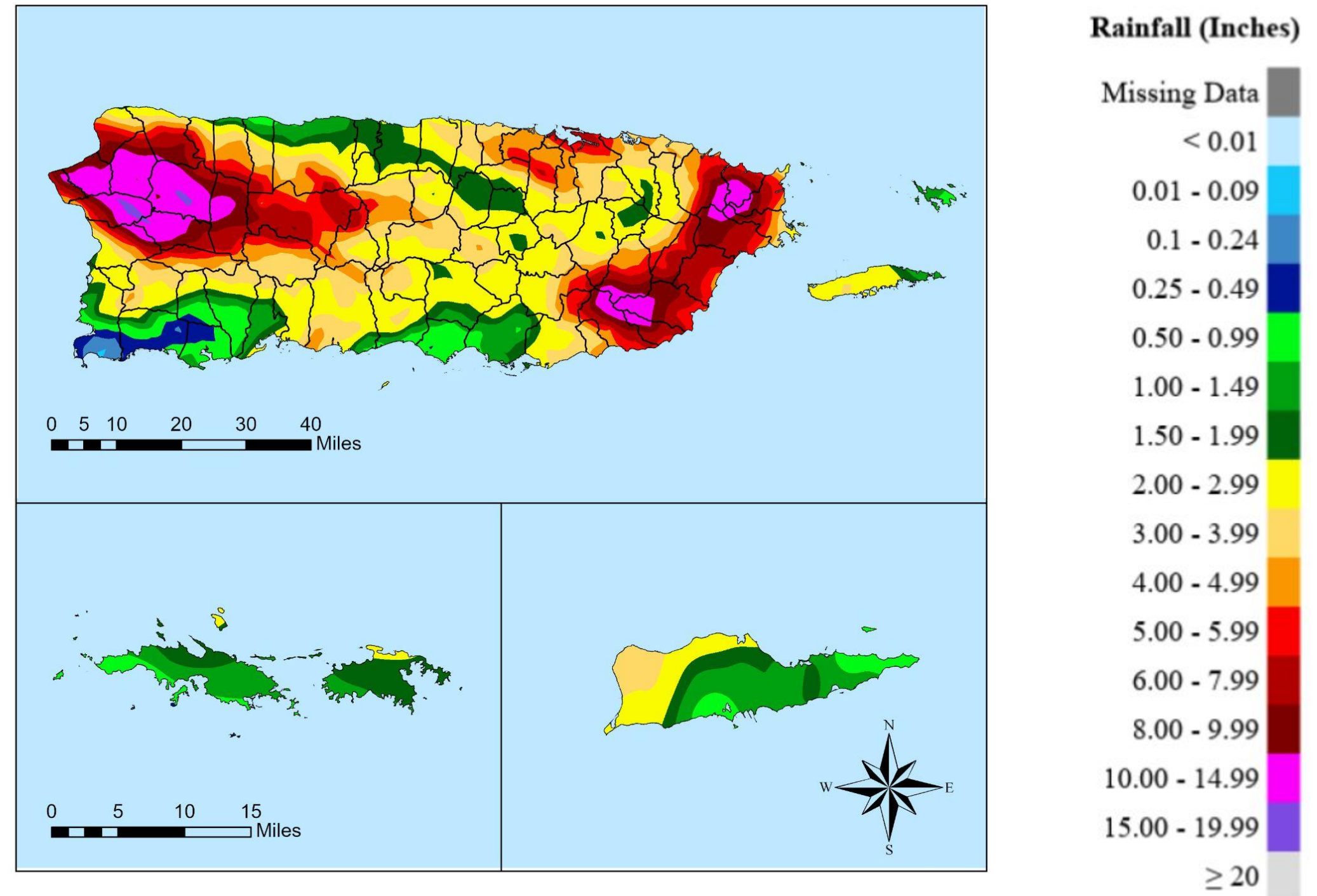


Image Captions:

Estimated Rainfall for the month of May. This map is courtesy of the NWS SJU GIS Team.



Departure from Normal Rainfall

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

- Most of Puerto Rico was below normal for May rainfall, with many areas 1 to more than 8 inches below normal.
- The greatest deficits were across the northern, central, and eastern interior, commonly 3 to more than 8 inches below normal.
- Southern Puerto Rico was also mostly drier than normal, generally 1 to 4 inches below normal.
- Localized wetter-than-normal areas occurred in the western and southeastern interior, roughly 1 to 5 inches above normal.

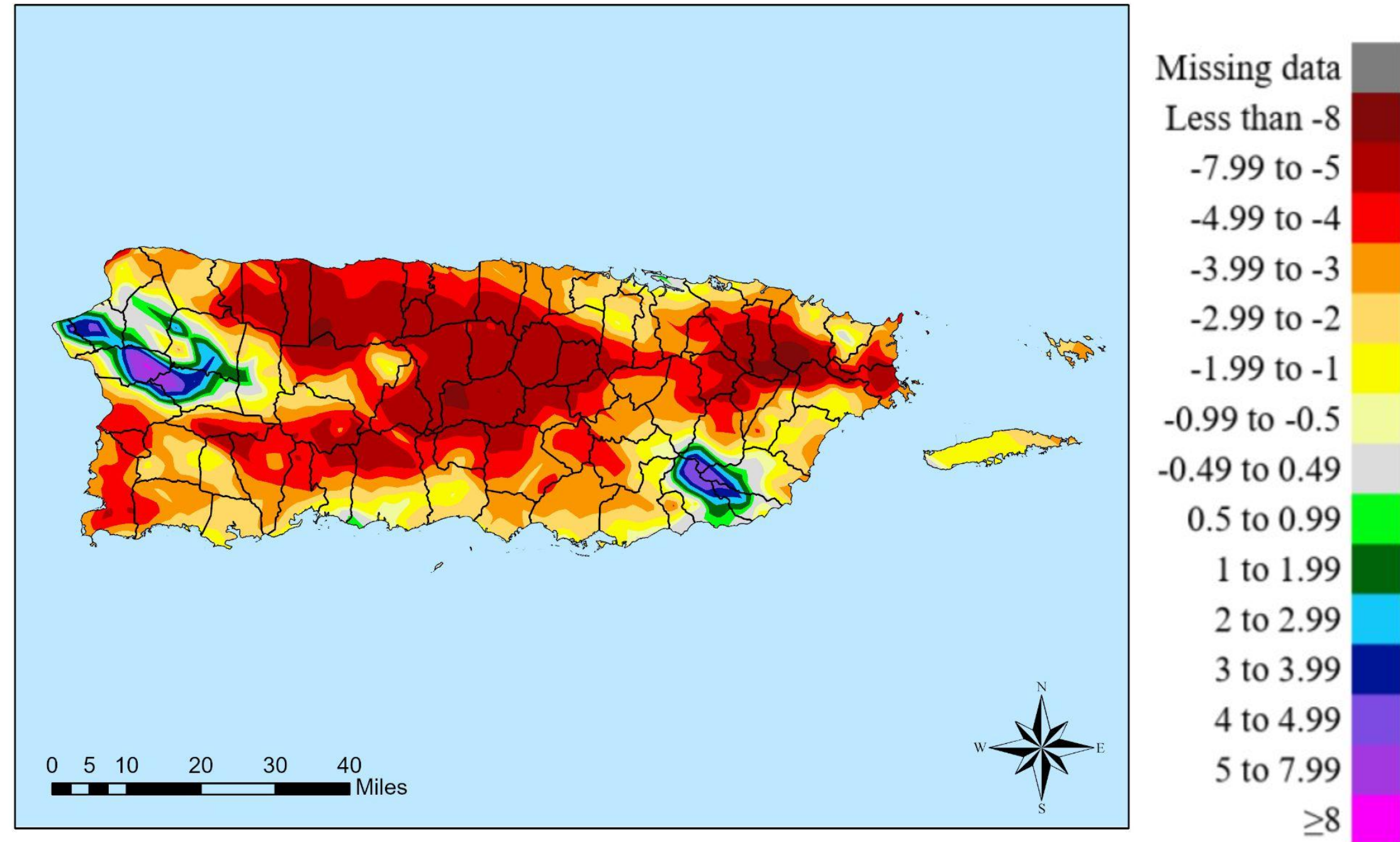


Image Captions:

Estimated Departure from Normal Rainfall for Puerto Rico during the month of May. 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](#)

- 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)	2
Urban/Small Stream Flood Advisories (SJUFLSSJU)	28
Local Storm Reports (SJULSRSJU)	14



Soil Saturation

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

The latest data retrieved from PRAGWATER indicate variable soil moisture conditions across Puerto Rico, with moderate to high root-zone saturation across much of the island and lower soil moisture levels evident in portions of the southern coast, eastern interior, and parts of the northern coastal region. Crop stress remains minimal in most areas; however, drier conditions are evident in southern and northern Puerto Rico, where elevated crop stress factors are noticeable.

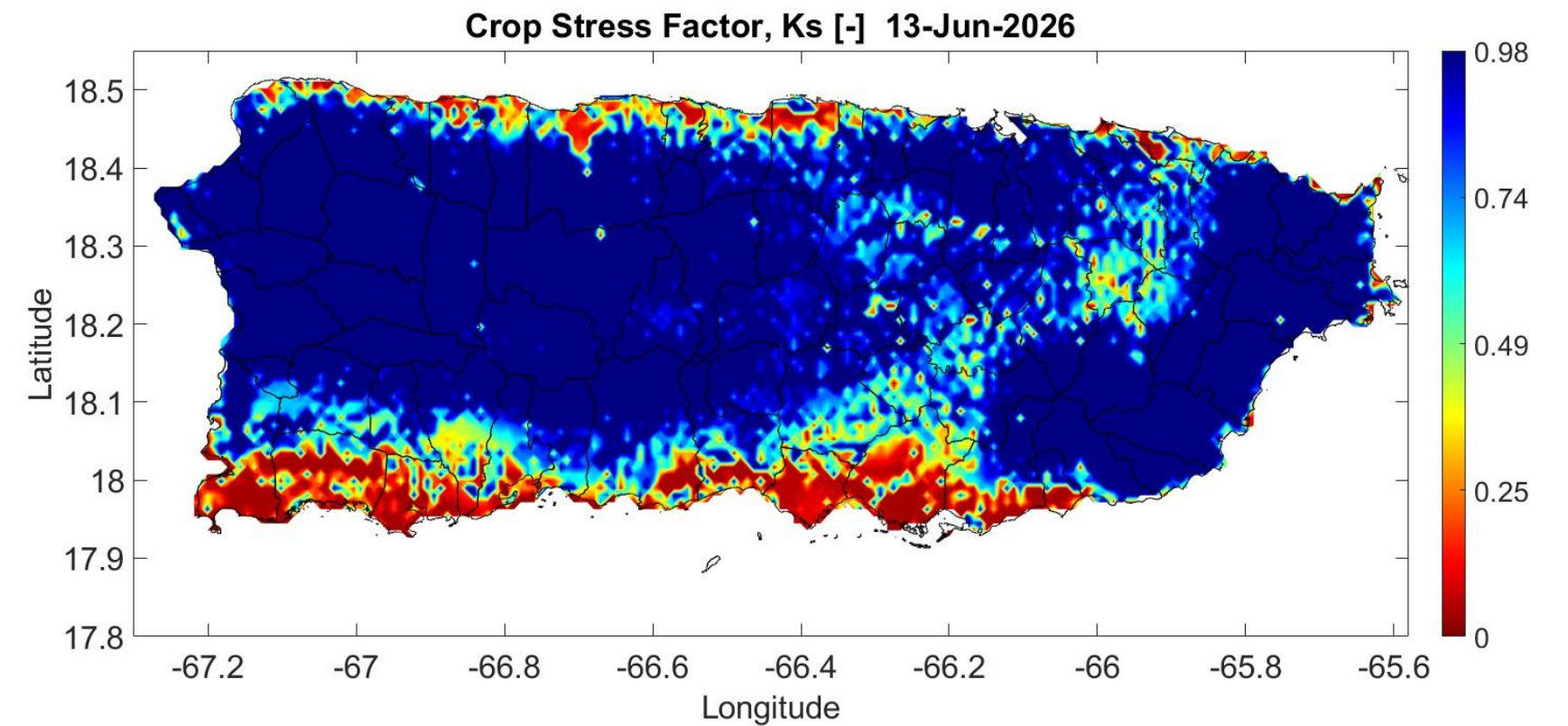
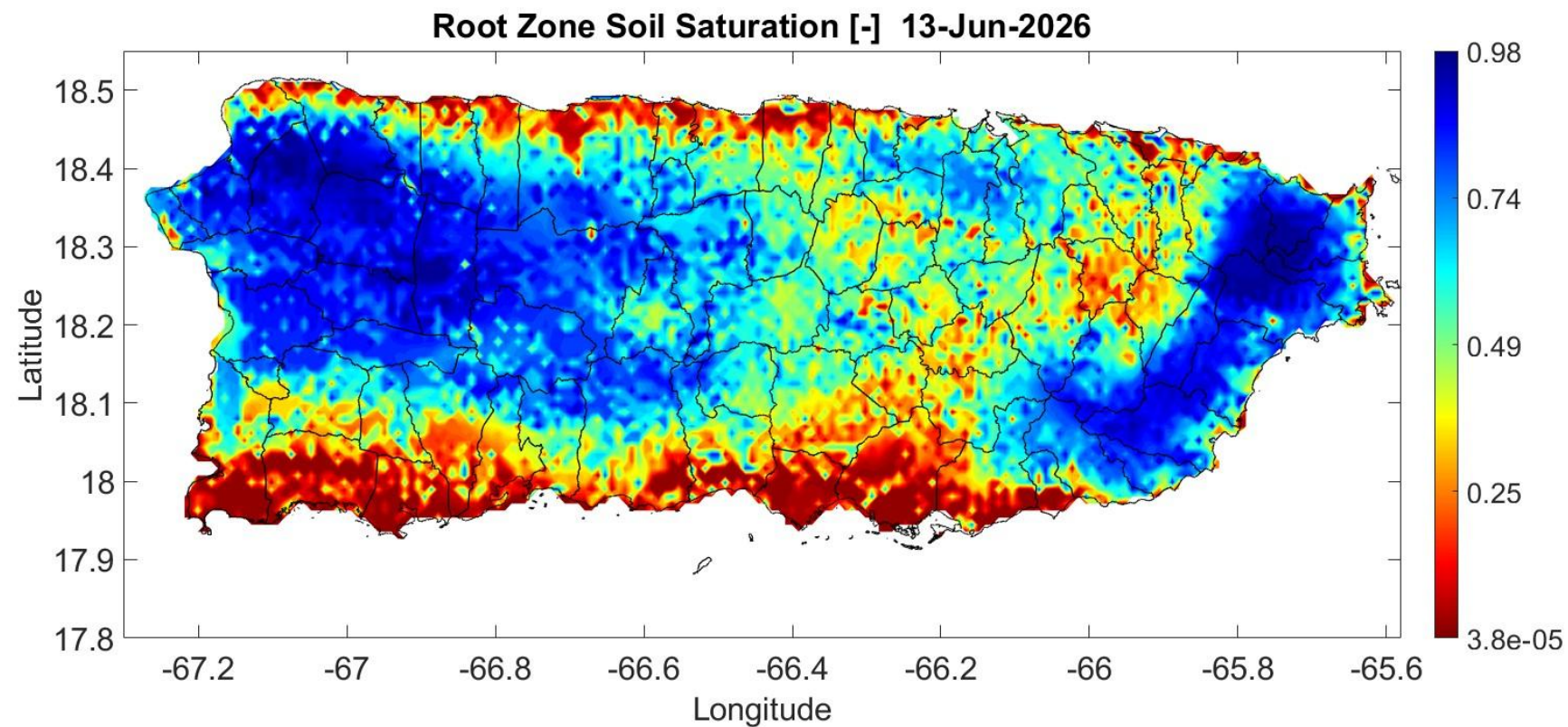


Image Caption: (Right) Root Zone Soil Saturation. (Left) Crop Stress Factor for Puerto Rico.

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

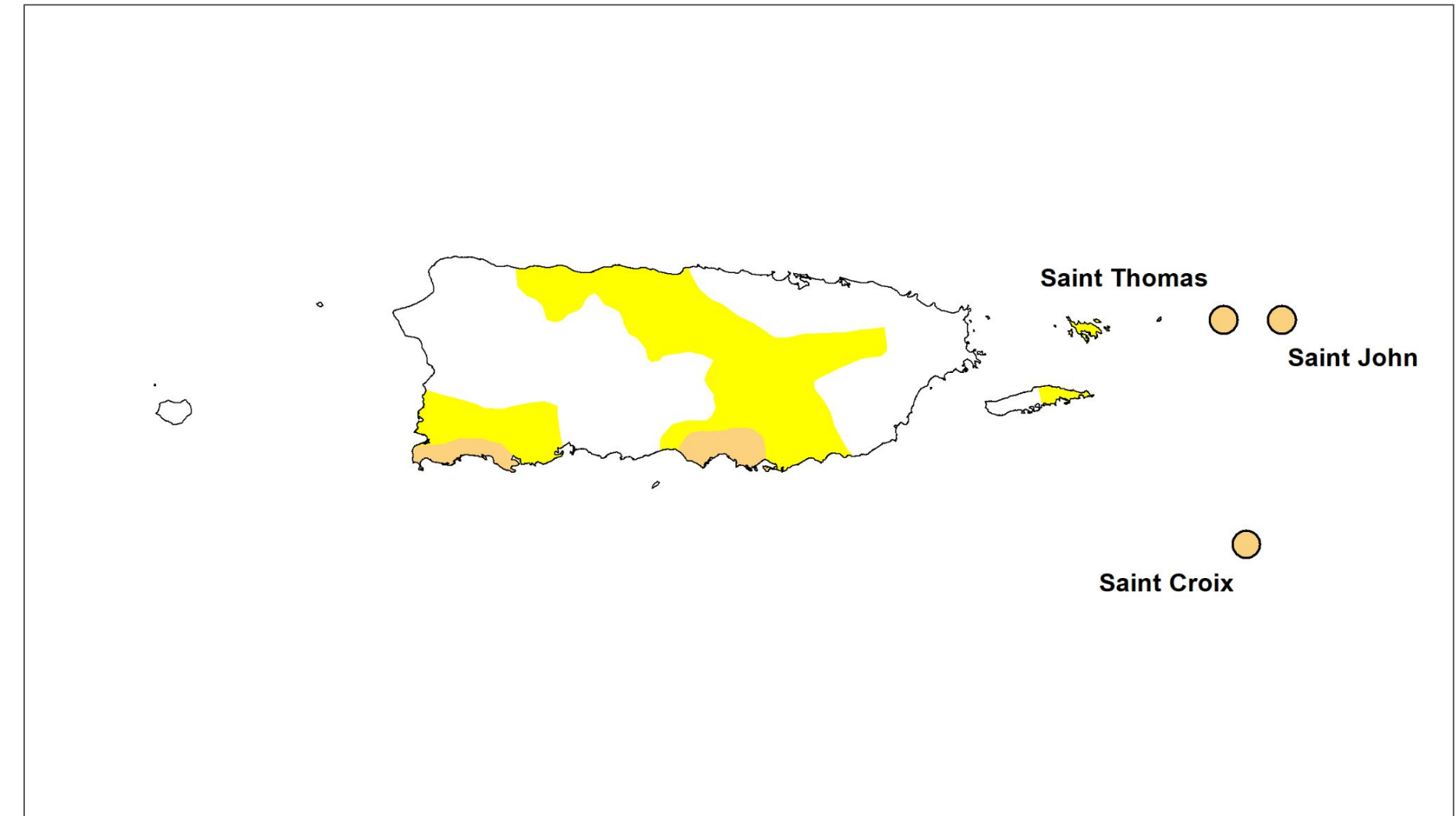


U.S. Drought Monitor

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

DROUGHT CONDITIONS:

- Moderate drought and abnormally dry conditions expanded across parts of Puerto Rico this week.
- Dry conditions continued in the U.S. Virgin Islands. St. John and St. Thomas worsened from abnormally dry to moderate drought, while St. Croix remained in moderate drought.



U.S. Drought Monitor



Image Caption: U.S. Drought Monitor valid 8am EDT May 5th, 2026



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, portions of Puerto Rico and the U.S. Virgin Islands experienced one-class and two-class drought degradation, indicating worsening drought conditions.

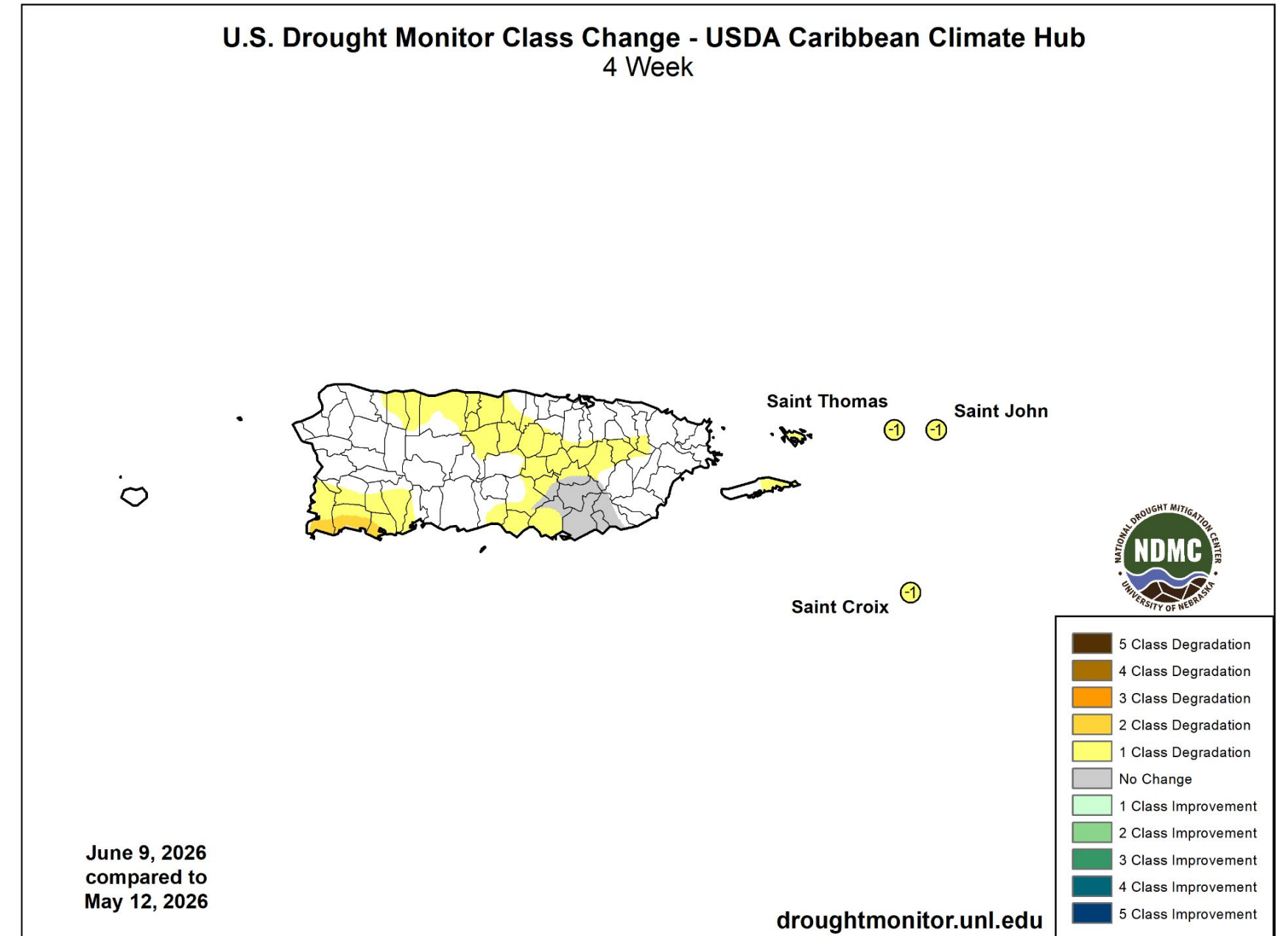


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT May 5th, 2026.



Long-Range Precipitation Outlook

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

- The North American Multi-Model Ensemble (NMME) indicates below normal precipitation (chances around [60% to 70%](#)) during the summer months (July - September 2026) across the northeastern Caribbean.

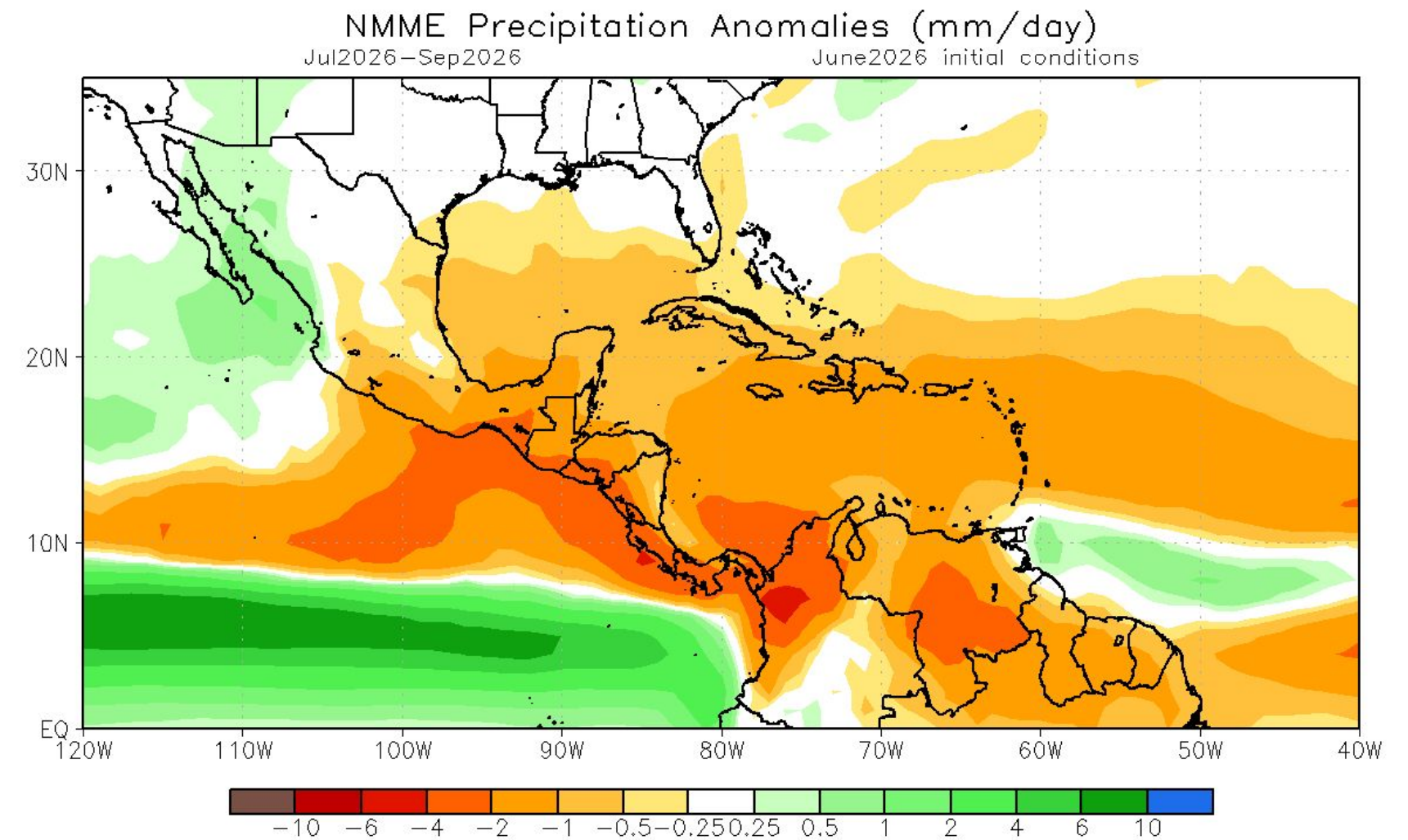


Image caption: NMME precipitation forecast issued June 2026. Valid July - September 2026.



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 a 60% to 70% of experiencing above-normal temperatures during the summer months (July - September 2026) across the northeastern Caribbean.

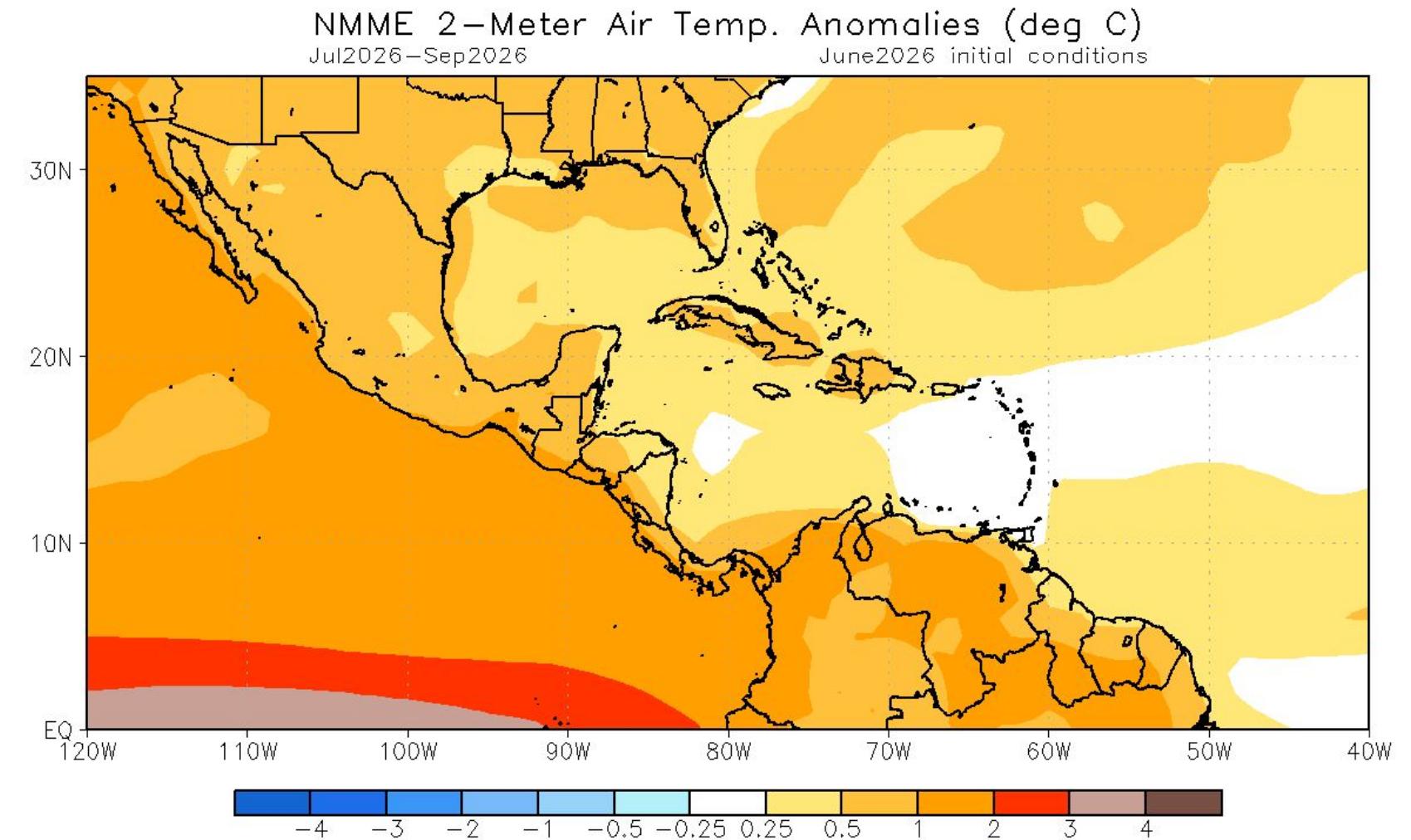


Image caption: NMME temperature forecast issued June 2026.
Valid July - September 2026.



Long Range Drought Outlook

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

**Seasonal (3-Month) Drought Outlook for May 31,
2026–August 31, 2026**

- Based on the expected conditions, no drought is expected to develop in Puerto Rico and the U.S. Virgin Islands over the next three months.



Drought Is Predicted To...



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

Last Updated: 05/31/26

**Image Caption: U.S. Seasonal Drought Outlook Valid for
May 31st to August 31st 2026.**