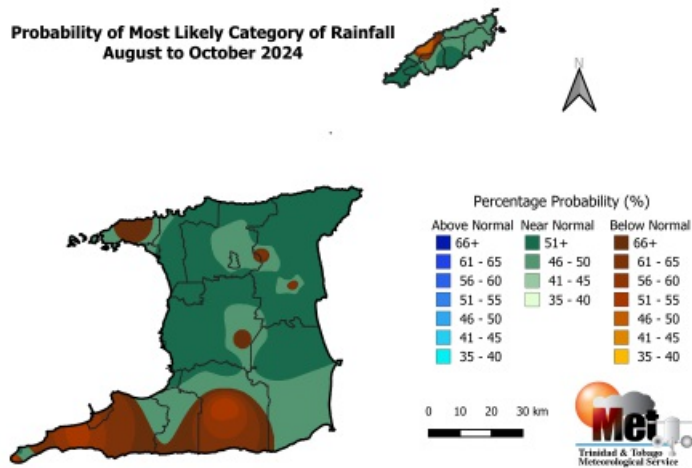


## Rainfall and Temperature Outlook for Trinidad and Tobago, August to October 2024

Key words: below-normal (“less than usual”), near-normal (“usual”) or above-normal (“More than usual”)

Issued: Aug 7, 2024



**Figure 1: Category of rainfall likely for August to October (ASO) 2024 with the highest chance of occurrence expressed as probabilities represented on the map. Blue areas indicate places with an increased chance for above normal rainfall, brown areas show an increased chance for below normal rainfall, while green areas show an increased chance for near normal rainfall. Normal is defined by the rainfall that was observed in middle one-third of the ASO period rainfall totals during the historical period used to produce the outlook.**

- Moderate probability exists for near normal to slightly below-normal rainfall totals over most parts of Trinidad and Tobago during ASO;
- Chances are moderate (43-50%) for the usual number of extremely wet days (> 25.0 mm) for ASO; i.e. expect between 4-11 extremely wet days in Trinidad and 3-7 extremely wet days in Tobago during the period.

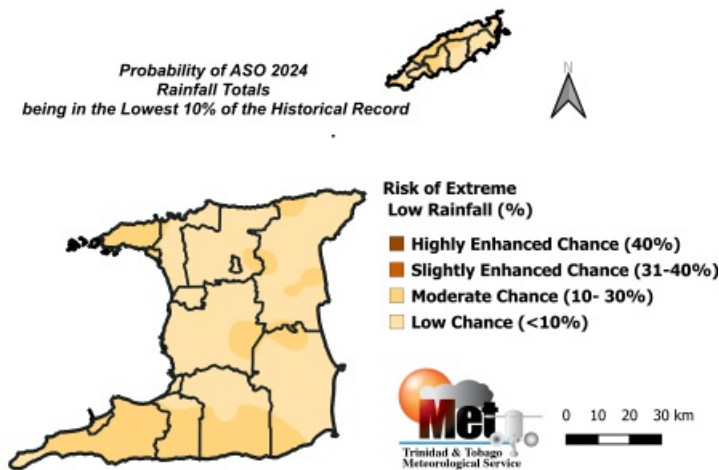


Figure 2: Risk of the ASO 2024 being extremely drier than normal (within the lowest 10% on record).

- The risk of extremely drier than normal conditions is low to moderate (5% to 21%) over Trinidad.
- The risk of extremely drier than normal conditions is low (6% to 25%) over Tobago.

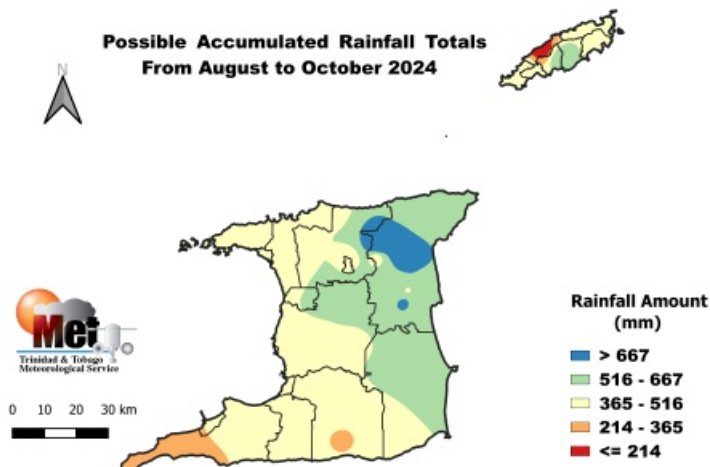


Figure 3: Outlook of possible rainfall accumulated totals for August to October, with the highest chance of occurring.

- Largest rainfall accumulated totals for ASO are likely to be as high as 827 mm in areas such as Valencia, Sangre Grande, North Oropouche in Northeastern Trinidad; and near 656 mm in Goodwood, Mt. Saint George and environs in southeast Tobago.

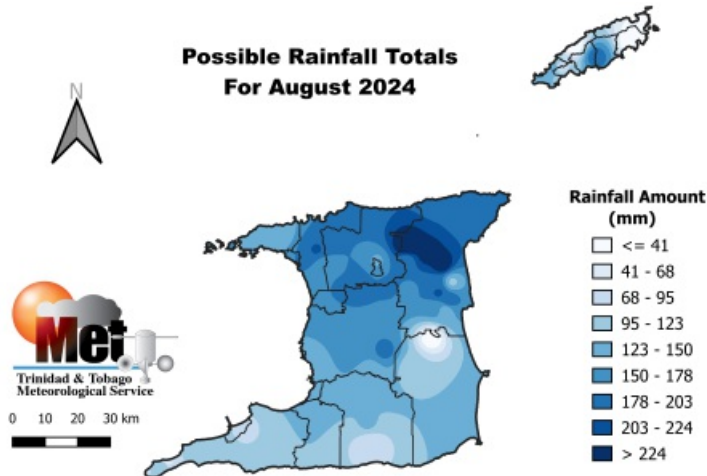


Figure 4: Possible rainfall totals for August 2024.

- August rainfall with the highest chance of occurring ranges from about 73-259 mm in Trinidad and 13-192 mm in Tobago.
- There is moderate probability for flooding events to occur in areas such as Valencia, Sangre Grande and North Oropouche in Northeastern Trinidad in August.

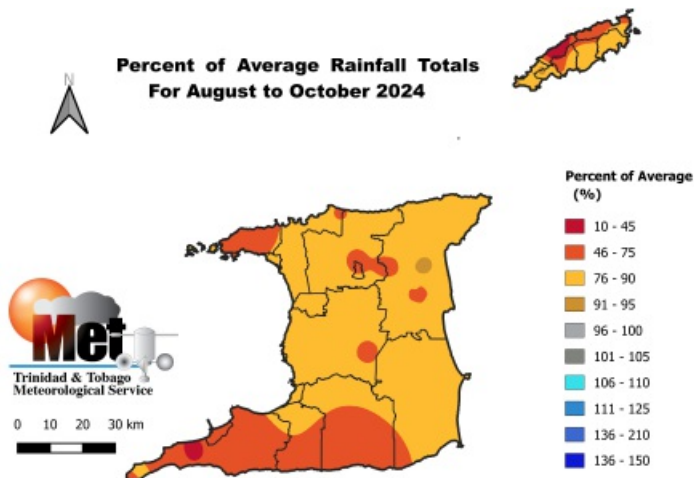


Figure 5: Percentage of Average Rainfall Totals for August to October 2024

- August to October (ASO) rainfall totals are likely to be near-normal to below-normal over most of Trinidad and Tobago.
- Drier than usual areas are likely to occur over southwestern and northwestern Trinidad and northwestern Tobago, with a few drier than usual pockets over central and eastern Trinidad.

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**Probability of Most Likely Category of Rainfall  
for November 2024 to January 2025**

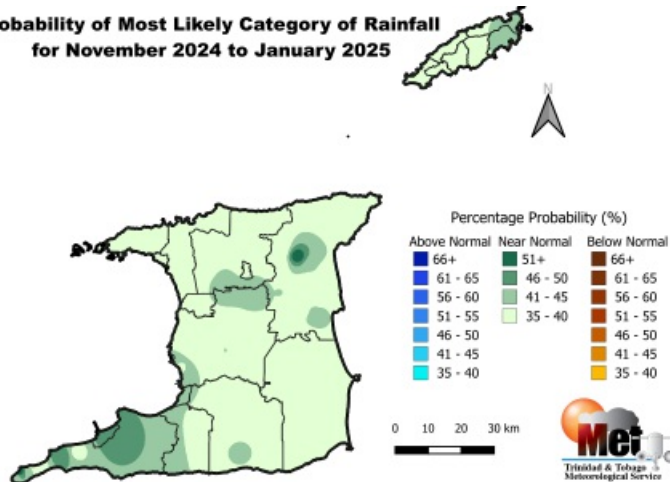


Figure 6: Category of rainfall likely for November 2024 to January 2025 with the highest chance of occurrence expressed as probabilities represented on the map. Blue areas indicate places with an increased chance for above normal rainfall, brown areas show an increased chance for below normal rainfall, while green areas show an increased chance for near normal rainfall. Normal is defined by the rainfall that was observed in middle one-third of the NDJ seasons during the historical period used to produce the outlook.

- Mostly near normal rainfall totals are expected during the period November 2024 to January 2025 across Trinidad and Tobago.

**Maximum & Minimum  
Temperatures  
Seasonal Climate Outlook  
August to October 2024**

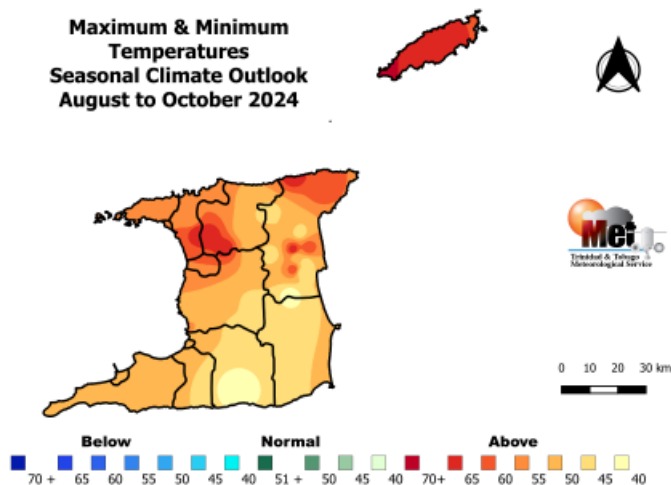


Figure 7: The map shows the colour-coded category (below-normal, above-normal, and near-normal) of maximum and maximum temperatures that is most likely to occur across Trinidad and Tobago for the August to October (ASO) period 2024. The colour-coded bar-graph with the numbers to the right gives the likelihood for each forecast category to occur.

### The Temperature Outlook Favours Above Normal Temperatures for August to October 2024.

- Both daytime and night temperatures are likely to be warmer than average over both islands.
- There is a 70% chance of warmer than average days in urban and built-up areas in Trinidad and Tobago.
- Chances of warmer than average nights are highest in Trinidad where there is 70% chance, while Tobago has a 70% chance.

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***How Should You Respond?***

***Take Early Action!***

**Health Sector:**

- Clear bushes, open drainage systems, fumigate in and around residences.
- Revisit contingency plans to manage spike in vector borne incidences and rainfall related infections.

**Disaster Risk Management Sector:**

- Sensitize communities on the forecast and its negative impacts.
- Revisit early warning information dissemination channels.
- Alert communities in low lying areas (flood prone) to act early.
- Alert at risk residence and communities that are still prone to landslide and slip.

**Agriculture & Food Security Sector**

- Practice soil moisture conservation like mulching and trenches.
- Clear vegetation from crop beds and drains to ease waterlogged soils.
- Put measures in place to control disease.

**Water, Drainage and Energy sector**

- Implement water harvesting, storage and proper usage.
- Conduct routine de-silting of water channels, canals and reservoirs.
- Remove branches, trees and overhang near electrical wires.

**General Public**

- Proper preparation especially for persons in at risk areas.
- Clean drains and surrounding areas of debris, be sand-bag ready.
- Conserve, store and manage water in a safe and adequate manner.
- Be watchful for extreme rainfall events.

Be vigilant and visit the Met Service website regularly to keep up to date on local weather changes daily at [www.metoffice.gov.tt](http://www.metoffice.gov.tt) or download our mobile app on Google Play Store or Apple iStore.

### **Climatic Influencers and Context of the Outlook**

- Currently, sea surface temperatures (SSTs) in waters surrounding Trinidad and Tobago and further east of the islands in the tropical north Atlantic are above average. Most climate models surveyed favour above average water temperatures to persist throughout the period August to October 2024.
- A transition from ENSO-neutral conditions to La Niña during August-October is likely to increase local cloudiness and local rainfall.
- The North Atlantic Oscillation (NAO) observed slightly negative since June has seen a continual upward trend through July. However, a slightly positive but weak NAO is forecast during August. The overall influence should be a negative impact on local rainfall.
- Models indicate that the Madden Julian Oscillation (MJO) signal is nonexistent over Trinidad and Tobago at the beginning of August and remain unlikely to reside over the region during the month of August.