

Agro-Meteorological Forecast for the 2nd Dekad of August (11th to 20th) 2015

Definition Guide

Term	Amount of Rain	Type of day
Scanty Rainfall	Less than 1 mm	Relatively dry day
Moderate Rainfall	1-10 mm	Relatively wet day
Heavy Rainfall	10-50 mm	Wet day
Very heavy Rainfall	Greater than 50 mm	Excessively wet day

Trinidad Rainfall Forecast for the Second Dekad of August (11th to 20th) 2015

**Percentage Probability Rainfall Map of Trinidad
Second Dekad of August 2015**

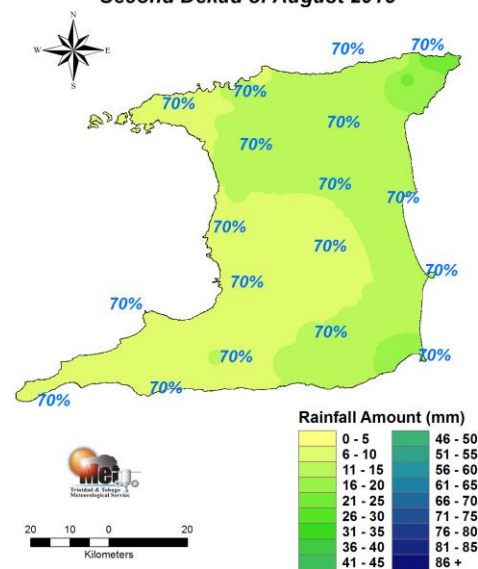


Figure 1. Rainfall Map of Trinidad showing expected mean rainfall totals for districts across Trinidad during the second ten days of August 2015 and percentage probability of occurrence.

Eastern and North-Eastern areas

High chance (70 %) of mean daily rainfall up to 3.0 mm.

South-Eastern areas

High chance (70 %) of mean daily rainfall up to 3.0 mm.

Southern areas

High chance (70 %) of mean daily rainfall up to 2.0 mm.

South-Western areas

High chance (70%) of mean daily rainfall up to 1.0 mm.

Northern, North-Western areas

High chance (70 %) of mean daily rainfall up to 1.5 mm.

Central, West-Central and inland areas

High chance (70 %) of mean daily rainfall up to 1.5 mm.

Tobago Rainfall Forecast for the Second Dekad of August (11th to 20th) 2015

*Percentage Probability Rainfall Map of Tobago
Second Dekad of August 2015*

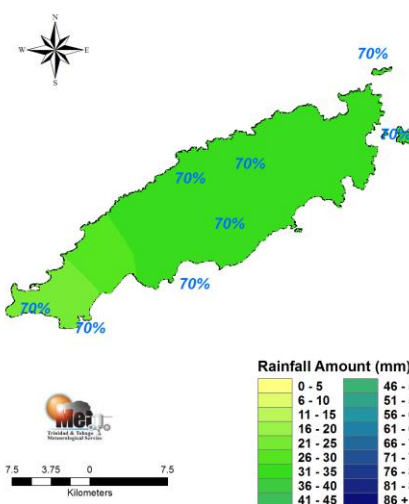


Figure 2. Rainfall Map of Tobago showing expected mean rainfall totals for districts across Tobago during the second ten days August 2015 and percentage probability of occurrence.

North-Eastern areas

High chance (70 %) of mean daily rainfall up to 3.0 mm.

South-Western areas

High chance (70%) of mean daily rainfall up to 2.0 mm.

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Temperatures

Trinidad Temperature Forecast for the second dekad of August (11th to 20th) 2015

High chance (75 % chance) for above normal mean daily temperatures (warmer than 28.0 °C).

High chance (75 % chance) for the daily maximum temperature to exceed 32.3 °C.

High chance (75 % chance) for the minimum night-time temperature to remain above 23.7 °C.

Tobago Temperature Forecast for the second dekad of August (11th to 20th) 2015

High chance (75 % chance) for above normal mean daily temperatures (warmer than 28.0 °C).

High chance (75 % chance) for the daily maximum temperatures to exceed 31.0 °C.

High chance (75 % chance) of the minimum night-time temperatures remaining above 24.0 °C.

Summary

The forecast for the second ten days of August shows strong possibilities for weather which will be unfavourable for rain-fed agriculture, with days two, three, eight and nine experiencing the most rainfall amounts. Overall, there is a 70% chance for the total rainfall of the second ten days to range between 5.0 mm and 30.0 mm across varying districts of the country, with Tobago and north-eastern Trinidad likely to receive the highest rainfall amounts. However, there is still a low chance (30%) for the total rainfall to be less than 5 mm in some parts. Average temperatures are not expected to vary much and to be near 28.0 °C in Trinidad and Tobago. During the second dekad, conditions are likely to be insufficient to meet crop water requirements more for Trinidad than Tobago. Crop water requirements during the last few weeks in Tobago varied across the island and water harvesting is strongly encouraged in areas which have not received sustainable amounts of rainfall.

Preliminary Rainfall and Temperature Outlook for Third Ten Days of August 2015

The third dekad of August favours rainfall for the first five days. Maximum temperatures will vary slightly.