

Agro-Meteorological Forecast for the 1st Dekad of September (1st to 10th) 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 First Dekad of September (1st to 10th) 2015

**Percentage Probability Rainfall Map of Trinidad
First Dekad of September 2015**

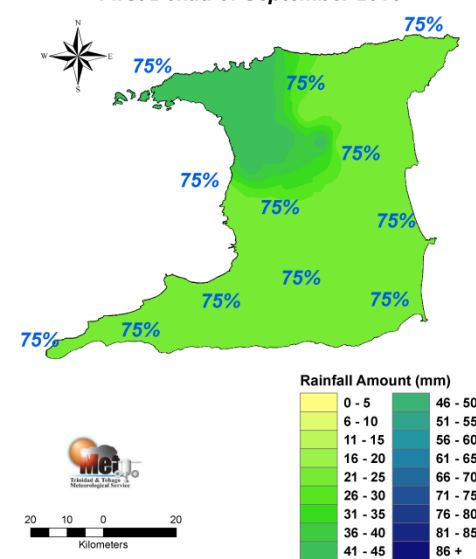


Figure 1. Rainfall Map of Trinidad showing expected mean rainfall totals for districts across Trinidad during the first ten days of September 2015 and percentage probability of occurrence.

Eastern and North-Eastern areas

Moderate chance (75 %) of mean daily rainfall up to 2.0 mm.

South-Eastern areas

Moderate chance (75 %) of mean daily rainfall up to 2.0 mm.

Southern areas

Moderate chance (75 %) of mean daily rainfall up to 2.0 mm.

South-Western areas

Moderate chance (75%) of mean daily rainfall up to 2.0 mm.

Northern, North-Western areas

Moderate chance (75 %) of mean daily rainfall up to 4.0 mm.

Central, West-Central and inland areas

Moderate chance (75 %) of mean daily rainfall up to 2.0 mm.

Tobago Rainfall Forecast for the First Dekad of September (1st to 10th) 2015

*Percentage Probability Rainfall Map of Tobago
First Dekad of September 2015*

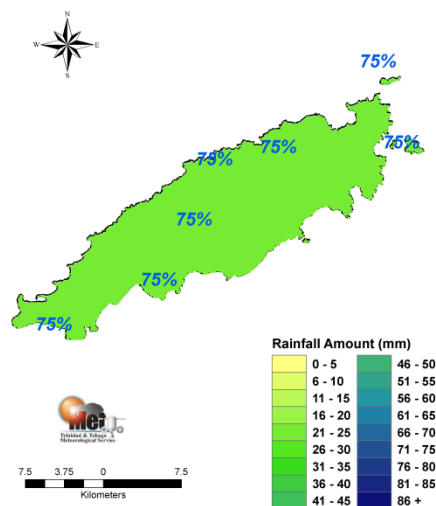


Figure 2. Rainfall Map of Tobago showing expected mean rainfall totals for districts across Tobago during the first ten days September 2015 and percentage probability of occurrence.

North-Eastern areas

Moderate chance (75 %) of mean daily rainfall up to 2.0 mm.

South-Western areas

Moderate chance (75%) of mean daily rainfall up to 2.0 mm.



Temperatures

Trinidad Temperature Forecast for the first dekad of September (1st to 10th) 2015

High chance (75 % chance) for above normal mean daily temperatures (warmer than 28.5 °C).

High chance (75 % chance) for the daily maximum temperature to exceed 33.0°C.

High chance (75 % chance) for the minimum night-time temperature to remain above 24.5 °C.

Tobago Temperature Forecast for the first dekad of September (1st to 10th) 2015

High chance (75 % chance) for above normal mean daily temperatures (warmer than 28.5 °C).

High chance (75 % chance) for the daily maximum temperatures to exceed 32.0 °C.

High chance (75 % chance) of the minimum night-time temperatures remaining above 24.5 °C.

Summary

The forecast for the first ten days of September shows very little possibilities for weather which will be favourable for rain-fed agriculture during the first half of the dekad. There are possibilities during the second half of the dekad for rainfall which will be favourable. Overall, there is a 75% chance for the total rainfall of the first ten days to range between 20.0 mm and 40.0 mm across varying districts of the country, with north-western Trinidad likely to receive the highest rainfall amounts. Average temperatures are expected to increase slightly and to be near 28.5 °C in Trinidad and Tobago. Maximum temperatures are likely to be near 33.0 °C in Trinidad and near 32.0 °C in Tobago. Minimum temperatures are likely to be above 24.5 °C for Trinidad and Tobago. During the early half of the first dekad, conditions are likely to be insufficient to meet crop water requirements. Farmers should expect water and heat stress in crops, especially, if not enough irrigation is provided. Farmers are encouraged to practise crop water management by harvesting rainwater from rainfall when it occurs and using mulching which can prolong the moisture in the top root-zone areas. Farmers are encouraged to use grass and plastic mulching to trap and prolong the moisture gained from the expected rainfall.

Preliminary Rainfall and Temperature Outlook for Second Ten Days of September 2015

The second dekad of September does not favour rainfall for the first five days. Maximum temperatures will increase slightly.