



Agro-Meteorological Forecast for the 01st Dekad of October (1st -10th) 2017

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's Mean Daily Rainfall Forecast for the First Ten Days of October (1st – 10th) 2017

Northern & Northwestern areas:

Moderate chance (65%) of mean daily rainfall up to 7.5mm.

North-Eastern and Eastern areas:

Moderate chance (65%) of mean daily rainfall up to 7.5mm.

Central, West-Central and inland areas:

Moderate chance (65%) of mean daily rainfall up to 6.0mm.

South-Eastern areas:

Moderate chance (65%) of mean daily rainfall up to 6.0mm.

Southern areas:

Moderate chance (65%) of mean daily rainfall up to 5.0 mm.

South-Western areas:

Moderate chance (65%) of mean daily rainfall up to 5.0 mm

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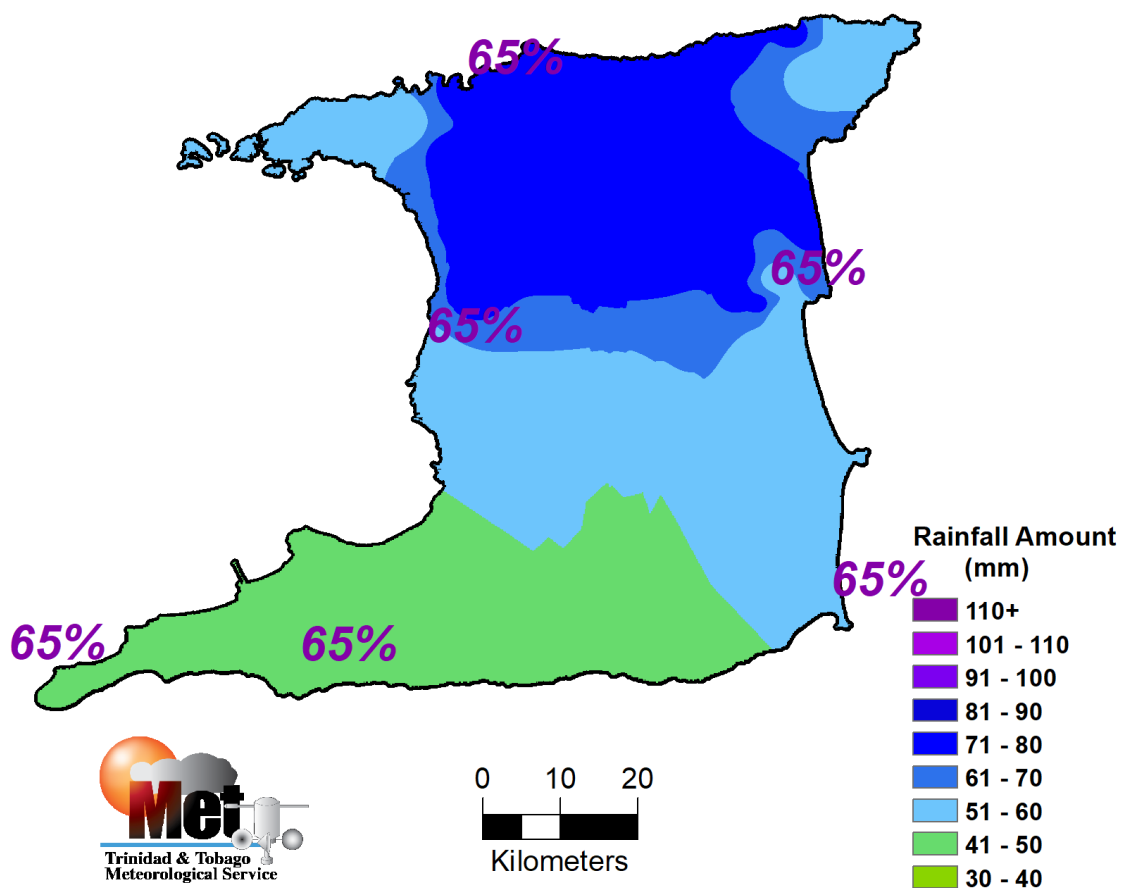


Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during the first dekad of October, 2017 and possible probability of occurrence.

Tobago's Mean Daily Rainfall Forecast for the First Dekad of October (1st -10th) 2017

Northeastern areas:

Moderate chance (65%) of mean daily rainfall up to 5.0mm.

South-Western areas:

Moderate chance (65%) of mean daily rainfall up to 5.0mm.

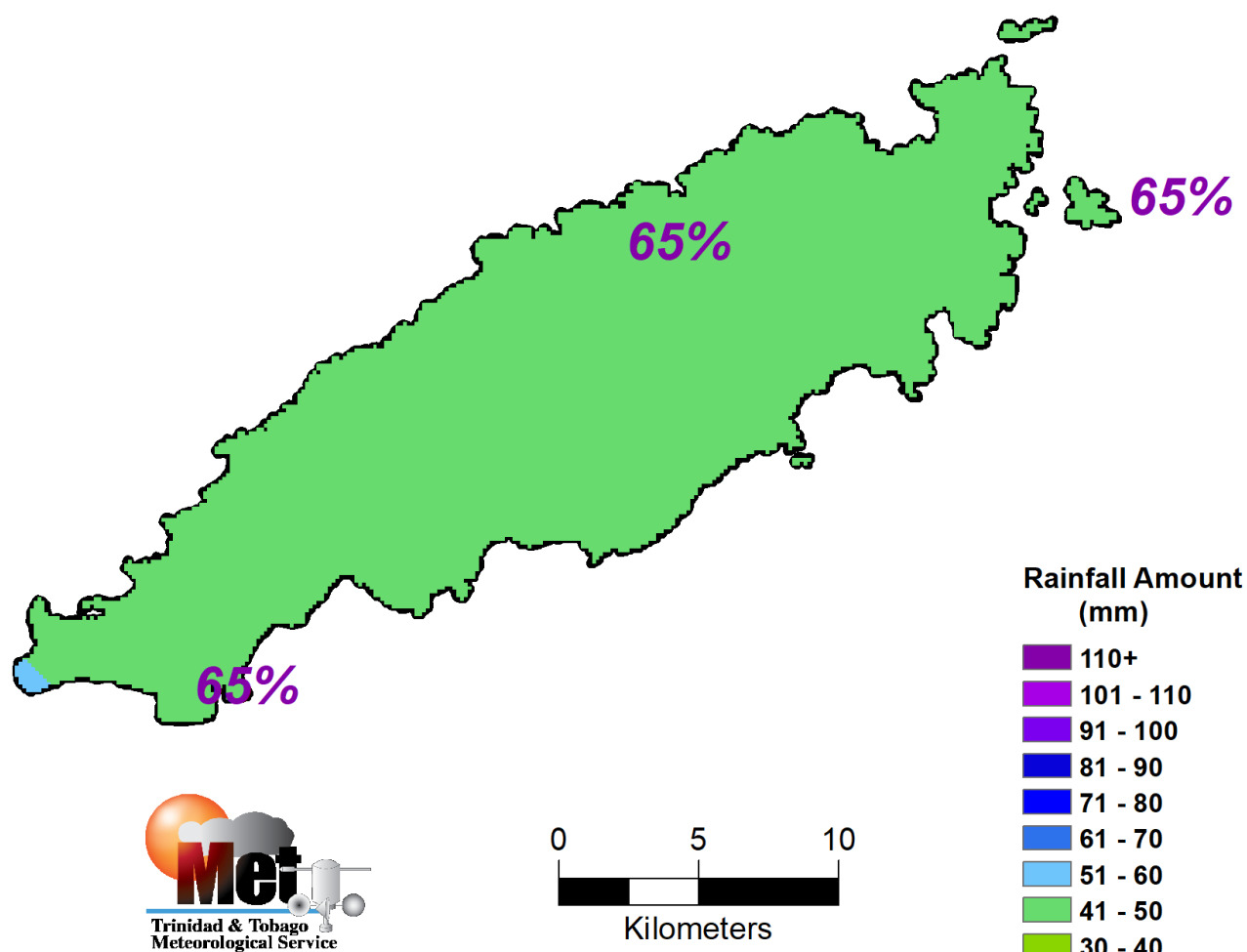


Figure 2. Rainfall Map of Tobago showing possible rainfall totals for varying districts during the first dekad of October, 2017 and possible probability of occurrence

Temperatures

Trinidad's: Temperature Forecasts for the First Ten Days of October (1st – 10th) 2017

Moderate chance (70%) of daily maximum temperatures exceeding 32.5°C, peaking near 33.0°C.
Moderate chance (70%) of daily minimum night temperatures remaining above 23.5°C.

Tobago's: Temperature Forecasts for the First Ten Days of October (1st - 10th) 2017

Moderate chance (70%) of daily maximum temperatures exceeding 31.5 °C, peaking near 32.5°C.
Moderate chance (70%) of daily minimum night temperatures remaining above 25.0°C.



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Summary

Mostly wet conditions are expected for the first dekad of October across Trinidad and Tobago. The heaviest rainfall occurrences on 6th to 9th day of the dekad. Overall, there is a 65% chance for ten-day rainfall totals to range between 50.0 mm and 75.0 mm. Day-time maximum temperatures are set to peak between 32.0°C and 33.0°C on most days in Trinidad and between 31.0°C and 32.0°C in Tobago. Night-time temperatures are expected to remain warm and vary between 24.0°C and 26.0°C on both islands. Humidity values during daylight hours are expected to be relatively high (above 65%) on average while wind speeds will remain light to moderate (up to 8 meters per second). Farmers should watch out for excessive wet days which can affect harvesting and fertilizer application and washout. Flooding potential in low lying crop fields are high for the extremely wet days.

Preliminary Rainfall and Temperature Outlook for Second Ten Days of October

The outlook indicates mixed conditions during the first half of the second dekad and a wet end to the second dekad of October with the potential for flooding being high.