

	Trinidad & Tobago Meteorological Service	Agromet Forecast Page 1 of 4
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Agro-Meteorological Forecast for the 02nd Dekad of October (11th-20th) 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 Second Ten Days of October (11th-20th) 2017

Northern & Northwestern areas:

Moderate chance (70%) of mean daily rainfall up to 7.5mm.

North-Eastern and Eastern areas:

Moderate chance (70%) of mean daily rainfall up to 7.5mm.

Central, West-Central and inland areas:

Moderate chance (70%) of mean daily rainfall up to 5.0mm.

South-Eastern areas:

Moderate chance (70%) of mean daily rainfall up to 7.5mm.

Southern areas:

Moderate chance (70%) of mean daily rainfall up to 5.0 mm.

South-Western areas:

Moderate chance (70%) of mean daily rainfall up to 7.5 mm

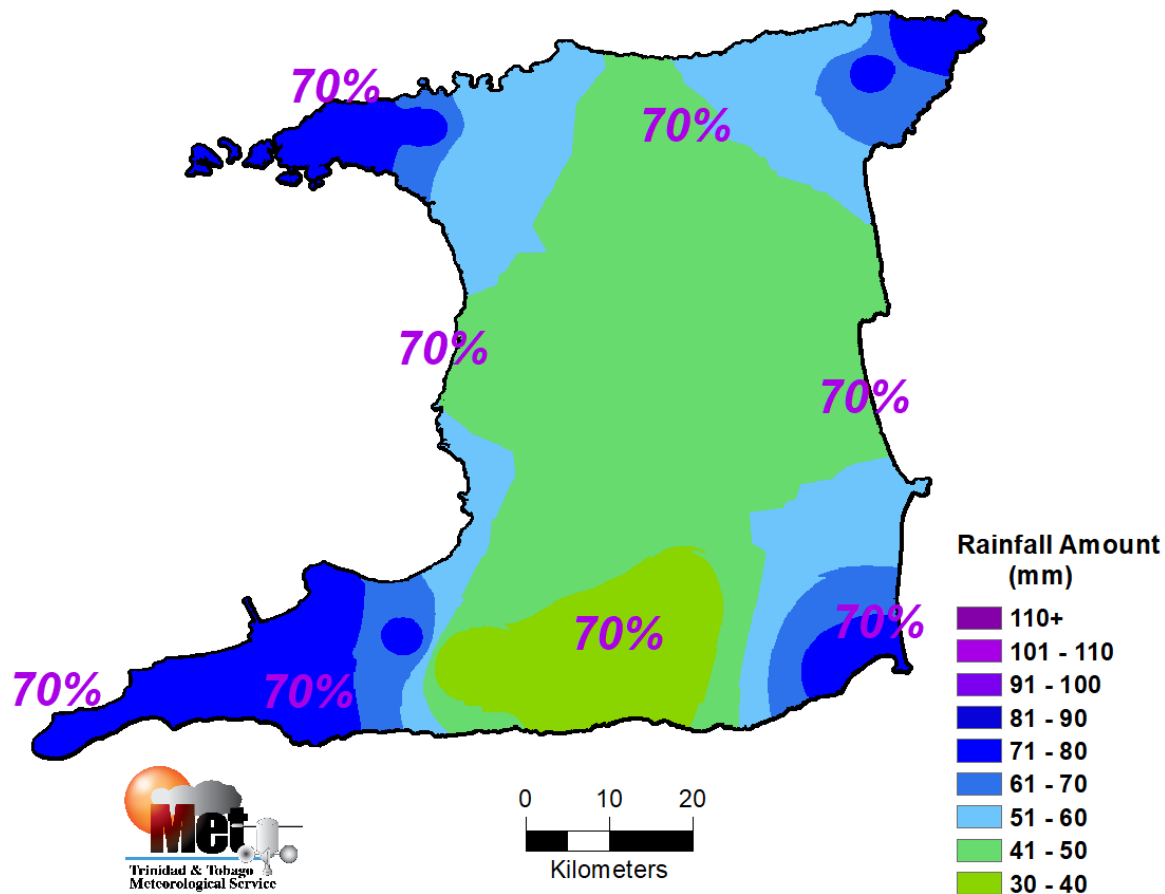


Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during the second dekad of October, 2017 and possible probability of occurrence.

Tobago's Mean Daily Rainfall Forecast for the Second Dekad of October (11th-20th) 2017

Northeastern areas:

Moderate chance (70%) of mean daily rainfall up to 7.5mm.

South-Western areas:

Moderate chance (70%) of mean daily rainfall up to 7.5mm.

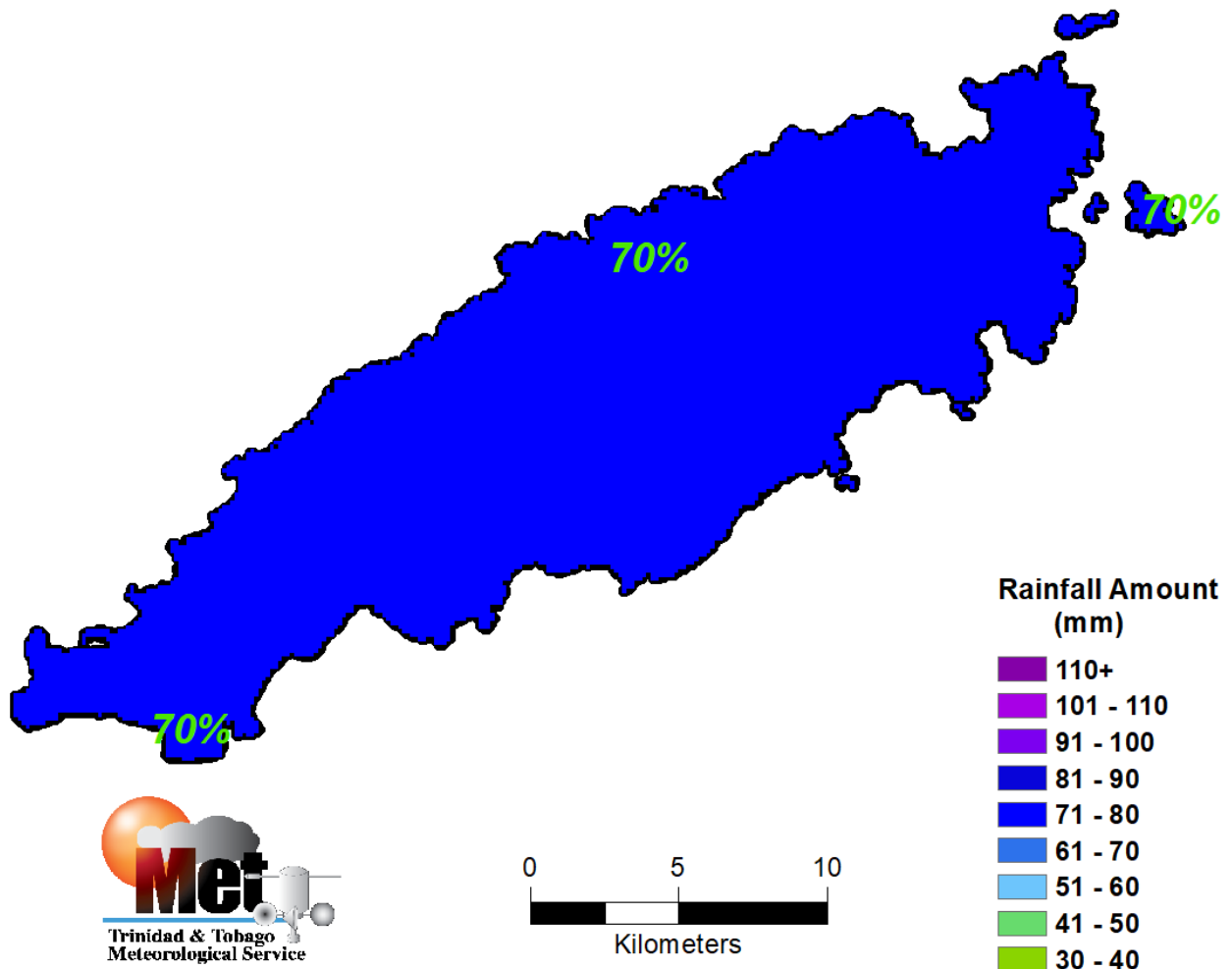


Figure 2. Rainfall Map of Tobago showing possible rainfall totals for varying districts during the second dekad of October, 2017 and possible probability of occurrence

Temperatures

Trinidad’s: Temperature Forecasts for the Second Ten Days of October (11th-20th) 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 Second Ten Days of October (11th-20th) 2017

Moderate chance (70%) of daily maximum temperatures exceeding 31.0 °C, peaking near 32.5°C.
 Moderate chance (70%) of daily minimum night temperatures remaining above 24.5°C.



Summary

Mixed conditions are expected for the second dekad of October with heavier rainfall occurring during the latter half of the dekad across Trinidad and Tobago. Overall, there is a 70% chance for ten-day rainfall totals to range between 25.0 mm and 75.0 mm. Day-time maximum temperatures are set to peak between 32.5°C and 33.0°C on most days in Trinidad and between 31.0°C and 32.5°C in Tobago. Night-time temperatures are expected to remain warm and vary between 23.0°C and 25.0°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 6 meters per second). Farmers should watch out for excessive wet days which can affect harvesting and fertilizer application. Flooding potential in low lying crop fields is high on extremely wet days.

Preliminary Rainfall and Temperature Outlook for Last Ten Days of October

The outlook indicates a wet start to the first half of the last dekad of October with the potential for flooding being high.