



Agro-Meteorological Forecast for the 03rd Dekad of September (21st -30th) 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 Third Ten Days of September (21st – 30th) 2017

Northern & Northwestern areas:

Moderate chance (65%) of mean daily rainfall up to 6.5mm.

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 (68%) of mean daily rainfall up to 5.5mm.

Southern areas:

Moderate chance (68%) of mean daily rainfall up to 5.5 mm.

South-Western areas:

Moderate chance (68%) of mean daily rainfall up to 6.5 mm

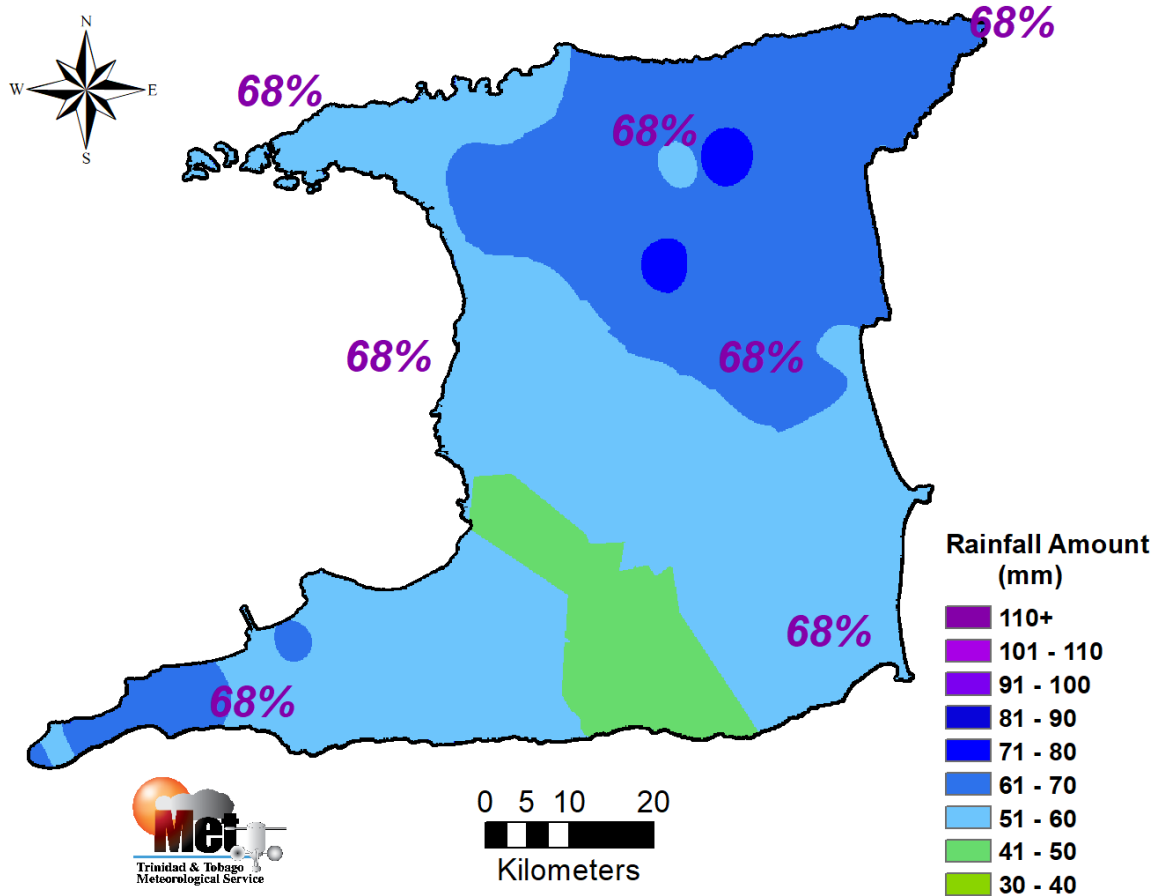


Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during the third dekad of September, 2017 and possible probability of occurrence.

Tobago’s Mean Daily Rainfall Forecast for the Third Dekad of September (21st -30th) 2017

Northeastern areas:

Moderate chance (68%) of mean daily rainfall up to 6.0mm.

South-Western areas:

Moderate chance (68%) of mean daily rainfall up to 6.0mm.

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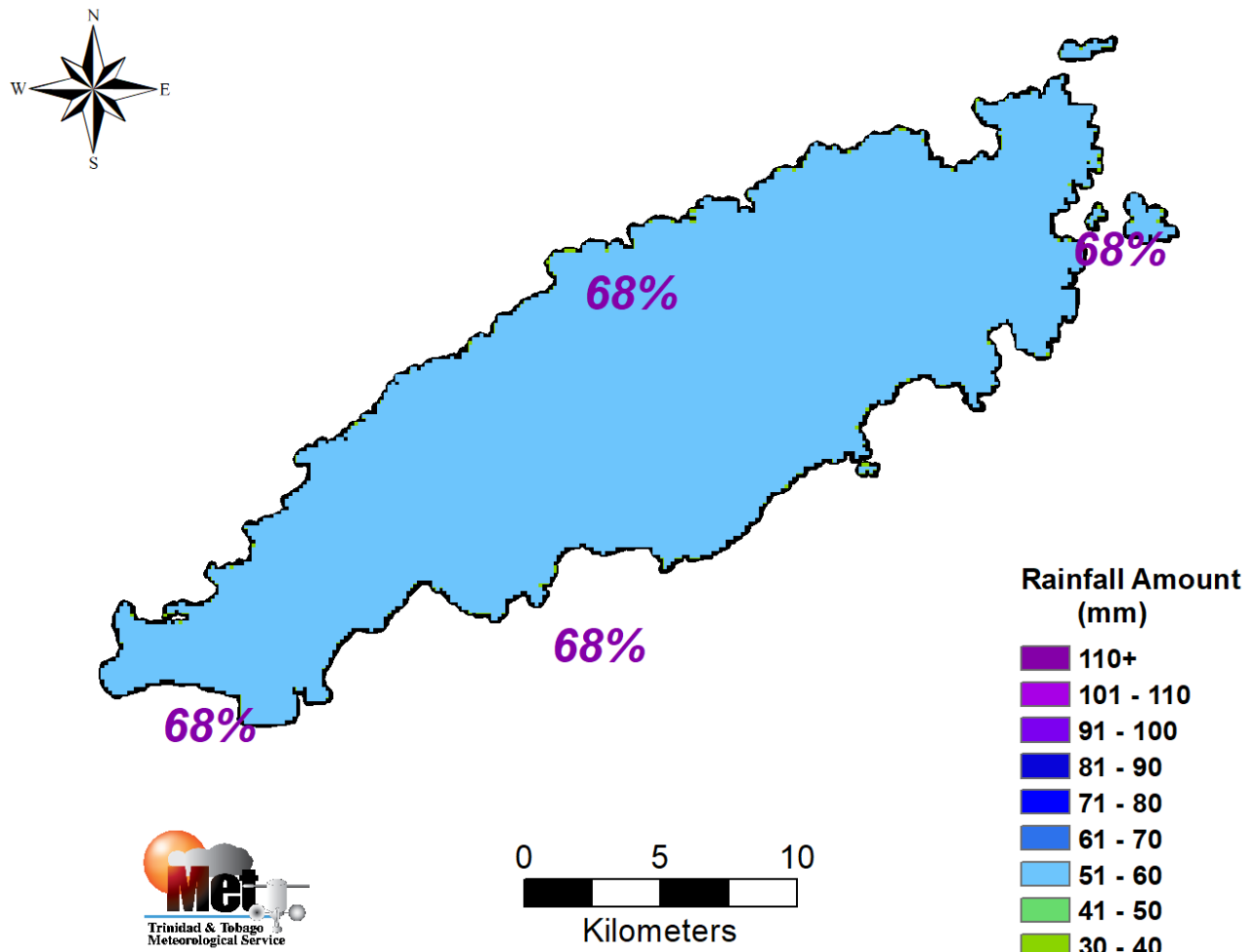


Figure 2. Rainfall Map of Tobago showing possible rainfall totals for varying districts during the third dekad of September, 2017 and possible probability of occurrence

Temperatures

Trinidad's: Temperature Forecasts for the Third Ten Days of September (21st – 30th) 2017

Moderate chance (70%) of daily maximum temperatures exceeding 34.0°C, peaking near 34.5°C.
Moderate chance (70%) of daily minimum night temperatures remaining above 24.0°C.

Tobago's: Temperature Forecasts for the Third Ten Days of September (21st - 30th) 2017

Moderate chance (70%) of daily maximum temperatures exceeding 32.0 °C, peaking near 32.5°C.
Moderate chance (70%) of daily minimum night temperatures remaining above 26.0°C.

Summary



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After a mostly dry start to the period light to heavy rainfall on the 24th could produce daily rainfall totals up to 25.0mm. The days following will also have episodes of rainfall but totals are expected to be less, ranging between 2.0 mm to 12.0 mm. There is a 68% chance for ten-day rainfall totals between 40.0 and 75.0 mm across both islands. Day-time maximum temperatures are set to peak between 33.0°C and 34.5°C on most days in Trinidad and between 31.5°C and 32.5°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 6 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 First Ten Days of October

The outlook indicates a very wet start to the first ten days of October is likely with the first three days likely to be rainy days with the potential for flooding being high.