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Agro-Meteorological Forecast for the 01st Dekad of September (01st – 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 September (01st – 10th) 2017

Northern & Northwestern areas:

Moderate chance (65%) of mean daily rainfall up to 3.5mm.

North-Eastern and Eastern areas:

Moderate chance (65%) of mean daily rainfall up to 4.0mm.

Central, West-Central and inland areas:

Moderate chance (65%) of mean daily rainfall up to 4.0mm.

South-Eastern areas:

Moderate chance (65%) of mean daily rainfall up to 4.5mm.

Southern areas:

Moderate chance (65%) of mean daily rainfall up to 4.5 mm.

South-Western areas:

Moderate chance (65%) of mean daily rainfall up to 4.5mm.

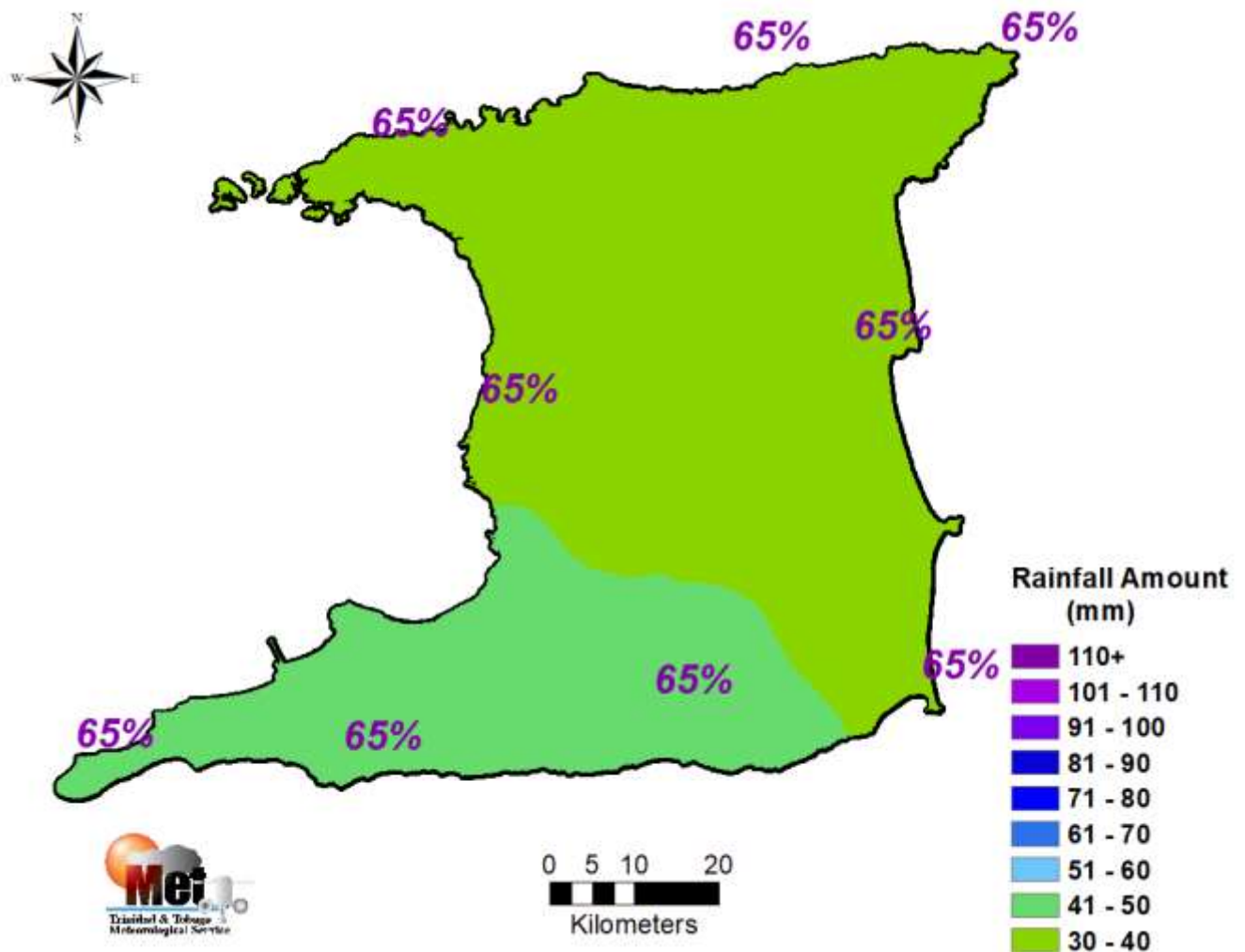


Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during the first dekad of September, 2017 and possible probability of occurrence.

Tobago's Mean Daily Rainfall Forecast for the First Dekad of September (01st -10th) 2017

Northeastern areas:

Moderate chance (65%) of mean daily rainfall up to 4.0mm.

South-Western areas:

Moderate chance (65%) of mean daily rainfall up to 4.0mm.

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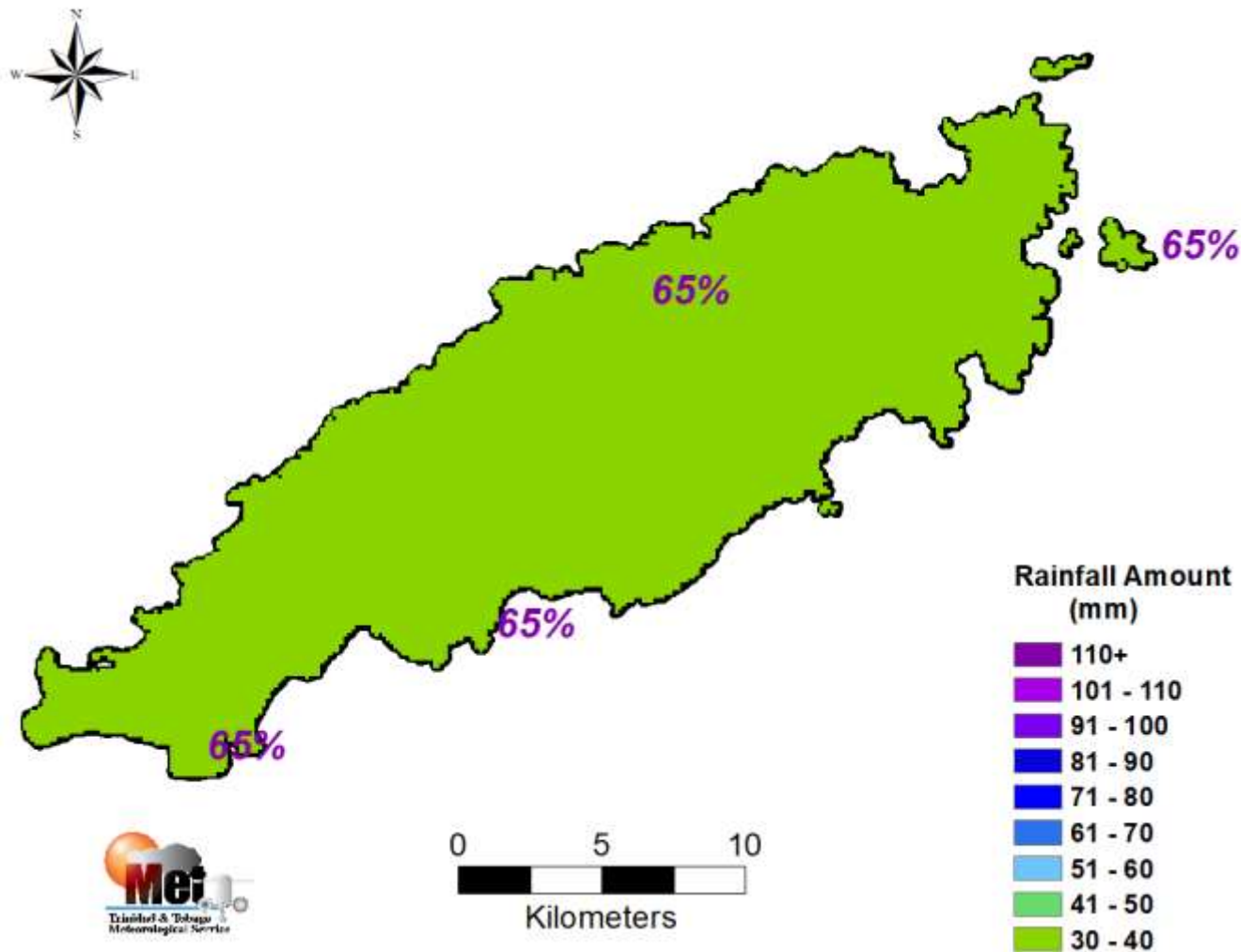


Figure 2. Rainfall Map of Tobago showing possible rainfall totals for varying districts during the first dekad of September, 2017 and possible probability of occurrence

Temperatures

Trinidad's: Temperature Forecasts for the First Ten Days of September (01st – 10th) 2017

Moderate chance (70%) of daily maximum temperatures exceeding 34.0°C, peaking near 35.0°C.
Moderate chance (70%) of daily minimum night temperatures remaining above 24.0°C.

Tobago's: Temperature Forecasts for the First Ten Days of September (01st - 10th) 2017

Moderate chance (70%) of daily maximum temperatures exceeding 31.5 °C, peaking near 33.0°C.
Moderate chance (70%) of daily minimum night temperatures remaining above 25.0°C.

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Summary

After a mostly dry and hot first five days of the dekad, moderate to heavy rainfall is expected from the 7th with possible daily totals up to 15.0mm and a 65% chance for ten-day rainfall totals between 25.0 and 45.0 mm across both islands. Day-time maximum temperatures are set to peak between 33.0°C and 35.0°C on most days in Trinidad and between 32.0°C and 33.0°C in Tobago. Night-time temperatures are expected to remain warm and vary between 24.0°C and 27.0°C on both islands. Humidity during daylight hours is expected to be relatively low (less than 60%) on average while wind speeds will remain light to moderate (up to 6 meters per second). Farmers should watch out for excessive crop water loss on the hotter days which can lead to crop wilt and heat stress. Good opportunities will be available for applying fertilizer during the first five to six days when rainfall will be reduced and winds not as strong. Flooding potential in low lying crop fields are high for the last three days of the dekad and may affect harvesting of mature crops.

Preliminary Rainfall and Temperature Outlook for Second Ten Days of September

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