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Agro-Meteorological Forecast for the Third Dekad of July (21st –31st) 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 Dekad of July (21st -31st) 2017.

Northern & Northwestern areas:

Moderate chance (64%) of mean daily rainfall up to 8.3 mm.

North-Eastern and Eastern areas:

Moderate chance (65%) of mean daily rainfall up to 8.9 mm.

Central, West-Central and inland areas:

Moderate chance (62%) of mean daily rainfall up to 6.5 mm.

South-Eastern areas:

Moderate chance (65%) of mean daily rainfall up to 8.8 mm.

Southern areas:

Moderate chance (63%) of mean daily rainfall up to 7.5 mm.

South-Western areas:

Moderate chance (62%) of mean daily rainfall up to 6.5 mm.

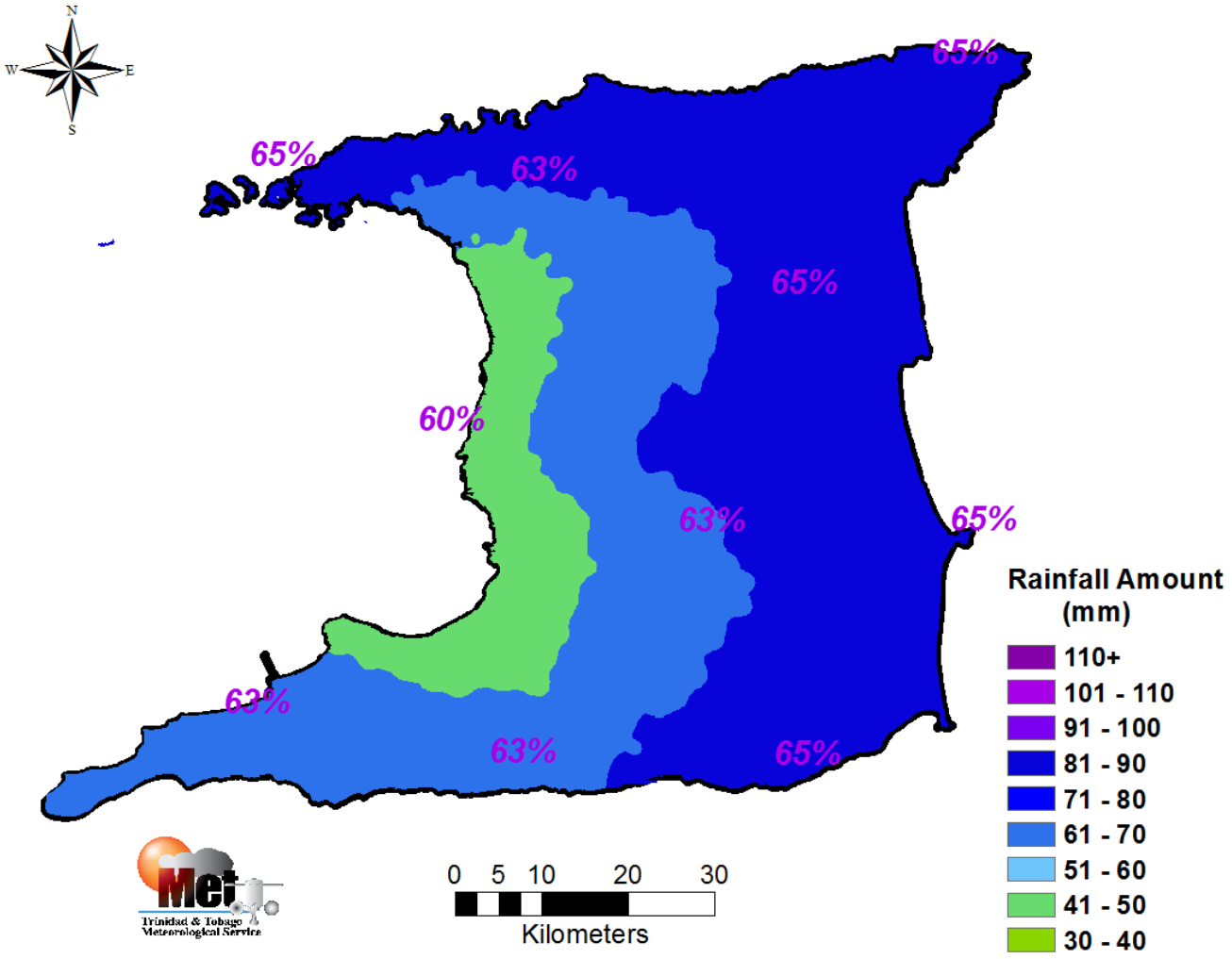

Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during Third Dekad of July, 2017 and percentage probability of occurrence.

Tobago's Mean Daily Rainfall Forecast for the Third Dekad of July (21st -31st) 2017.

Northeastern areas:

Moderate chance (65%) of mean daily rainfall up to 5.9 mm.

South-Western areas:

Moderate chance (63%) of mean daily rainfall up to 5.3 mm.

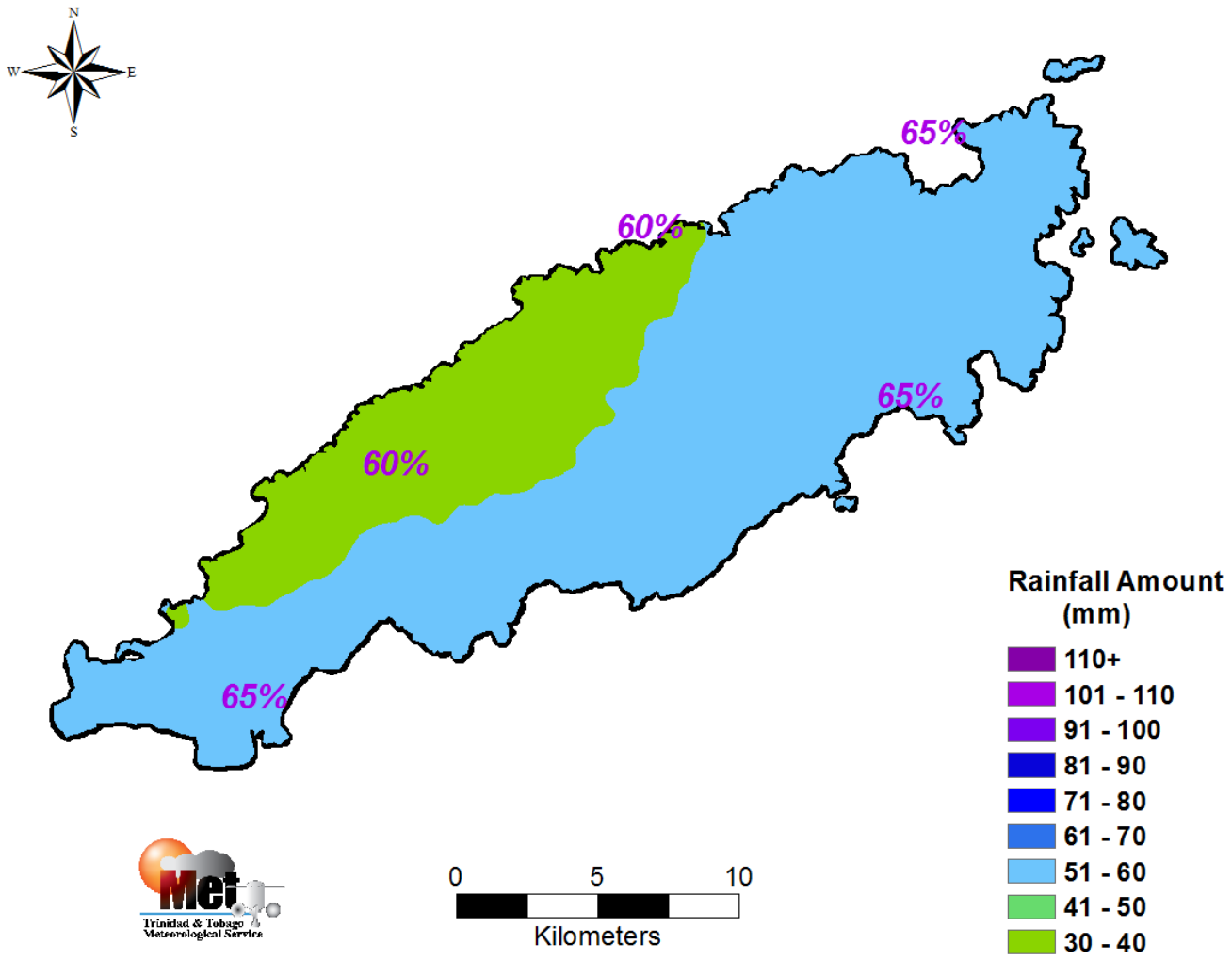

Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during Third Dekad of July, 2017 and percentage probability of occurrence.

Temperatures:

Trinidad's Temperature Forecast for the Third Dekad of July (21st -31st) 2017.

Moderate chance (70%) of daily maximum temperatures to exceed 32.0 ^{0}C, peaking near 33.5 ^{0}C.

Moderate chance (70%) of daily minimum temperatures to be below 23.7 ^{0}C, dropping as low as 22.6 ^{0}C.

Tobago's Temperature Forecast for the Third Dekad of July (21st -31st) 2017.

Moderate chance (70%) of daily maximum temperatures to exceed 30.7 ^{0}C, peaking near 31.7 ^{0}C.

Moderate chance (70%) of daily minimum temperatures to be below 24.4 ^{0}C, dropping as low as

23.2 ^{0}C.

Summary:

The second month of the rainy season is upon us, having said that, 21st, 22nd, 23rd, 24th, 25th, 26th and possible 30th, 31st of the dekad, there is a 65% chance of a low level moist southeasterly to easterly wind flow establishing itself over both islands producing patchy cloudy to cloudy periods with mostly light to moderate occasionally heavy showers or a possible thundershower at times. The forecast maximum temperatures in Trinidad will be near 32.0 ^{o}C, while Tobago's forecast maximums will be near 30.7 ^{o}C with forecast minimums near 23.7 ^{o}C in Trinidad and near 24.4 ^{o}C in Tobago.

However possible better conditions may occur during days 27th, 28th and 29th of the dekad, expect mostly patchy cloudy skies with less cloudy periods and a 40% chance of few brief light occasionally moderate showers which will disperse to give sunny, breezy and/or hazy conditions at times, with high temperatures of 33.5 ^{o}C in Trinidad and 31.7 ^{o}C in Tobago. Generally clear nights will give low temperatures of 22.6 ^{o}C in Trinidad and 23.2 ^{o}C in Tobago.

Over the ten-day period, Trinidad's highest possible daily rainfall totals will range between 23.0 mm to 40.0 mm, with its ten-day totals ranging between 50.0 mm and 90.0 mm, as seen in figures 1. While Tobago's highest possible daily rainfall totals will range between 15.0 mm to 25.0 mm, with its ten-day totals ranging between 40.0 mm and 60.0 mm, as seen in figures 2.

Waterlogged soils are expected over few areas, flash flooding on streets at times, riverine and flooding in low lying areas are highly probable during those wet and humid days. Also there may be an increase chance of pest and diseases especially the spread of fungi on crops following those wet and humid days.