



Agro-Meteorological Forecast for the Third Dekad of June (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 Dekad of June (21st-30th) 2017.

Northern & Northwestern areas:

Moderate chance (67%) of mean daily rainfall up to 8.9 mm.

North-Eastern and Eastern areas:

Moderate chance (70%) of mean daily rainfall up to 10.0 mm.

Central, West-Central and inland areas:

Moderate chance (64%) of mean daily rainfall up to 7.9 mm.

South-Eastern areas:

Moderate chance (70%) of mean daily rainfall up to 9.9 mm.

Southern areas:

Moderate chance (65%) of mean daily rainfall up to 7.7 mm.

South-Western areas:

Moderate chance (65%) of mean daily rainfall up to 6.1 mm.

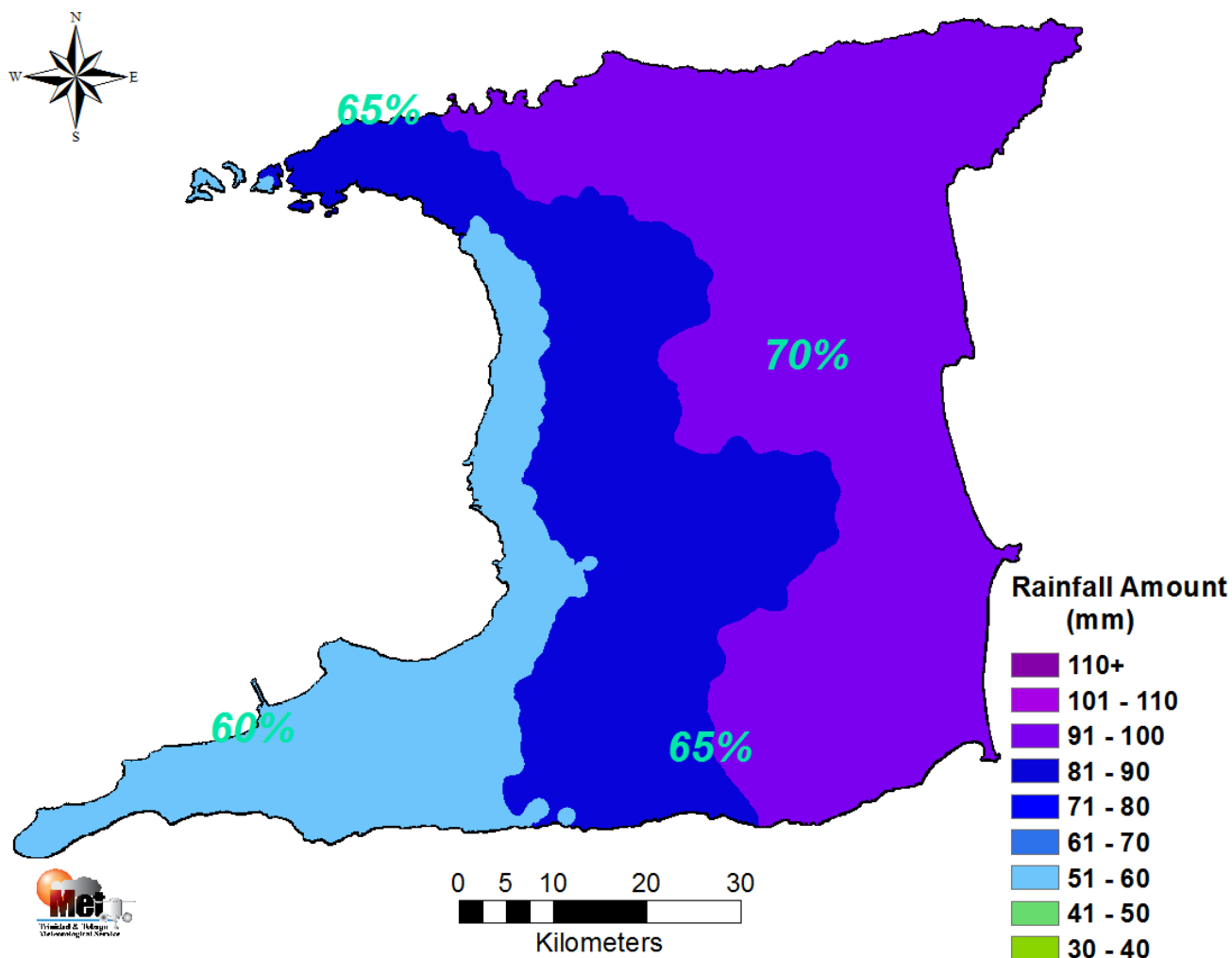


Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during Third Dekad of June, 2017 and percentage probability of occurrence.

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

Northeastern areas:

Moderate chance (69%) of mean daily rainfall up to 9.8 mm.

South-Western areas:

Moderate chance (68%) of mean daily rainfall up to 9.5 mm.

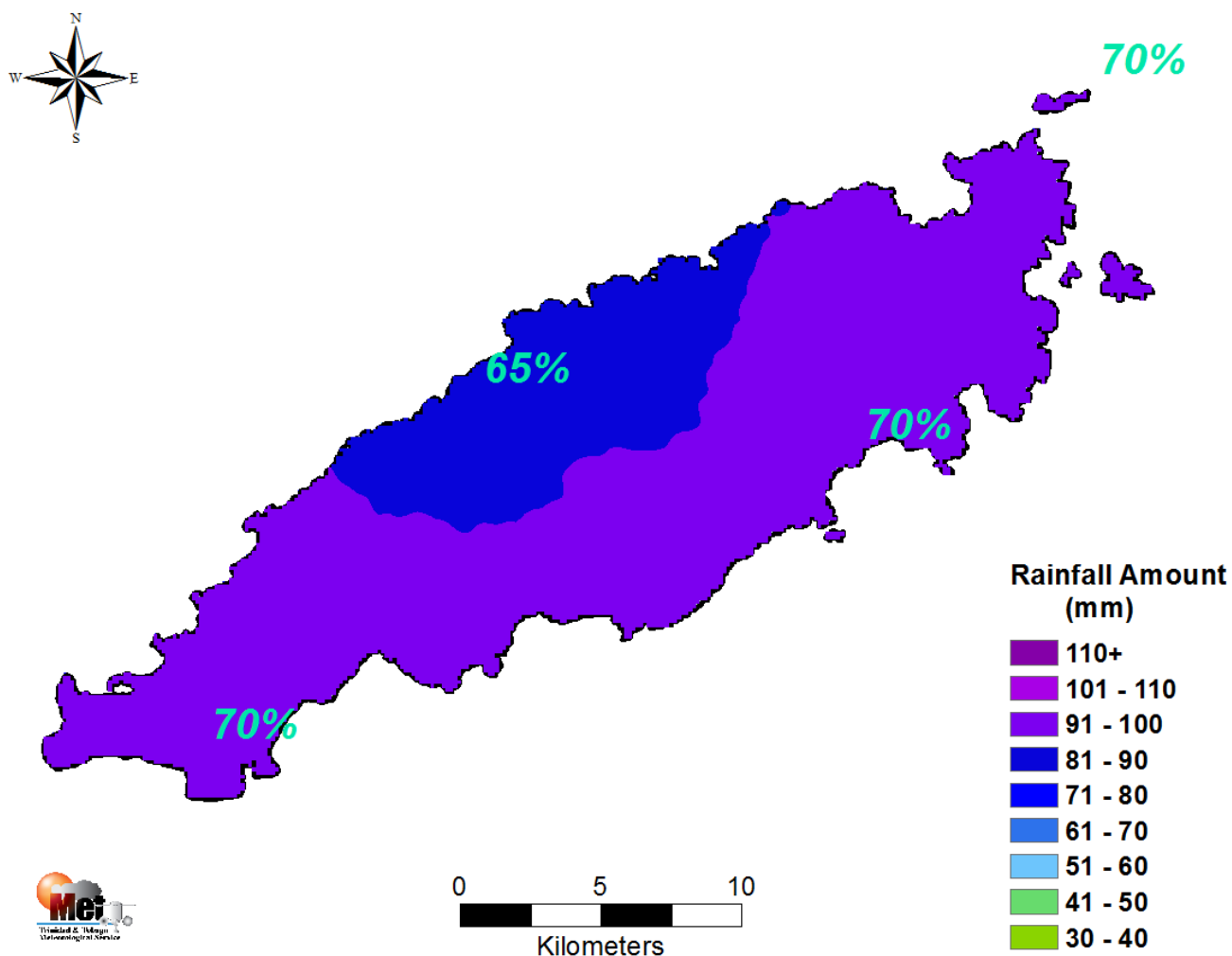


Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during Third Dekad of June, 2017 and percentage probability of occurrence.



Temperatures:

Trinidad's Temperature Forecast for the Third Dekad of June (21st-30th) 2017.

Moderate chance (70%) of daily maximum temperatures to exceed 31.3^oC, peaking near 32.6 ^oC.

Moderate chance (70%) of daily minimum temperatures to be below 24.0 ^oC, dropping as low as 22.8 ^oC.

Tobago's Temperature Forecast for the Third Dekad of June (21st-30th) 2017.

Moderate chance (70%) of daily maximum temperatures to exceed 30.6 ^oC, peaking near 31.7^oC.

Moderate chance (70%) of daily minimum temperatures to be below 24.6 ^oC, dropping as low as 23.3 ^oC.

Summary:

The rainy season is upon us, having said that, on days 21st, 22nd, 23rd and possibly on the 24th, stakeholders and particularly farmers in both Trinidad and Tobago should expect patchy cloudiness to cloudy periods and a 60% chance of brief light to moderate showers at times, producing scanty to moderate rainfall amounts. The cloudy periods will disperse to give sunny, breezy and/or hazy conditions at times, with high temperatures of 32.6 ^oC in Trinidad and 31.7 ^oC in Tobago. Few clear nights will give low temperatures of 22.8 ^oC in Trinidad and 23.3 ^oC in Tobago.

However, on days 25th, 26th, 27th, 28th, 29th and 30th of the dekad, there is a 70% chance of a low level moist southeasterly wind flow establishing itself over both islands producing patchy cloudy to cloudy periods with light to moderate occasionally heavy showers or thundershowers at times. Over the ten-day period, both islands highest possible daily rainfall totals will range between 40.0 mm to 75.0 mm, with its ten-day totals ranging between 60.0 mm and 100.0 mm, as seen in figures 1 and 2.

During days: 25th, 26th, 27th, 28th, 29th and 30th, the forecast maximum temperatures in Trinidad will be near 31.3 ^oC, while Tobago's forecast maximums will be near 30.6^oC, forecast minimums will be near 24.0 ^oC in Trinidad and will be near 24.6 ^oC in Tobago. Waterlogged soils are expected over most areas, flash flooding on streets at times, riverine and flooding in low-lying areas are highly probable during those very wet and humid days. In addition, there may be an increase chance of pest and diseases especially the spread of fungi on crops following those wet and humid days.