

Agro-meteorological Bulletin and Assessment for Farmers and Livestock Producers of Trinidad and Tobago for the Third Dekad (21st -30th) of April, 2017.

Definitions used in the forecast and bulletin:

Term	Meaning	
Dekad	10 day rainfall measuring period	
Rain Day	A day with 1.0 mm or more of rainfall amount	
Wet Day	A day with 10.0 mm or more of rainfall amount	
Extremely Wet Day	A day with 25.0 mm or more of rainfall amount	
Normal Rainfall	Between 75% and 125 % of the average	
Below Normal Rainfall	Rainfall below 75% of the average	
Above Normal Rainfall	Rainfall in excess of 125 % of the average	
Much below Normal Rainfall	Rainfall below 50% of the average	
Much above Normal Rainfall	Rainfall above 150% of the average	
Scanty Rainfall	Less than 1 mm	
Moderate Rainfall	1-10 mm	
Heavy Rainfall	10-50 mm	
Very heavy Rainfall	Greater than 50 mm	
Probability of 1-30 %	Low Chance	
Probability of 30-70 %	Moderate Chance	
Probability greater than 70%	High Chance	
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

Weather Assessment for the Second Dakad (11th -20th) of April, 2017.

Mostly hot and dry conditions dominated Trinidad and Tobago over the dekad, however both islands experienced sporadic patchy cloudiness at times with light rainfall over few areas. On days 12th, 15th and 19th, Trinidad and Tobago experienced some light rainfall over few areas with ten-day rainfall totals ranging between 0.3 mm to 9.2 mm. Accompanying these conditions maximum temperature in Trinidad got up to 34.1 °C and minimum temperature of 21.8 °C. Whereas, Tobago's temperature went up to a maximum of 31.5 °C and minimum temperature of 22.6 °C.

Disclaimer

This information is provided with the understanding that the Trinidad and Tobago Meteorological Service makes no warranties, either expressed or implied, concerning the accuracy, completeness, reliability, or suitability of the forecast or outlook contained in this document. The information may be used freely by the public with appropriate acknowledgement of its source, but shall not be modified in content and then presented as original material.



Expected Weather for Third Dekad (21st – 30th) of April, 2017 and Likely Impact on Agriculture.

Farmers in both Trinidad and Tobago should expect early morning sporadic cloudy patches, with a 55% chance of a brief shower, producing scanty to moderate rainfall amounts. The cloudy patches will disperse to give breezy and sunny conditions with high temperatures of 34.2°C in Trinidad and 32.3 °C in Tobago. Mostly clear and cool nights will give low temperatures of 21.8 °C in Trinidad and 22.6 °C in Tobago. On mornings following clear and cool nights, expect patches of low lying mist mostly in rural areas that will disintegrate just after dawn.

During the ten-day period over both islands, there is a 65% chance of the possible daily rainfall totals may range between 0.5 mm and 5.0 mm. Additionally, there is a 60% chance that the ten-day possible rainfall amount ranging between 5.0 mm to 10.0 mm. The mostly dry conditions will lend itself to browning up of pastures thus reducing fodder availability for livestock and increasing chances of bush fires in most areas.

Trinidad's Mean Daily Rainfall Forecast for the Third Dekad of April (21st -30th) 2017.

Northern & Northwestern areas:

Moderate chance of (60%) of mean daily rainfall up to 0.5 mm.

North-Eastern and Eastern areas:

Moderate chance of (65%) of mean daily rainfall up to 1.0 mm.

Central, West-Central and inland areas:

Moderate chance of (60%) of mean daily rainfall up to 0.5 mm.

South-Eastern areas:

Moderate chance of (65%) of mean daily rainfall up to 1.0 mm.

Southern areas:

Moderate chance of (63%) of mean daily rainfall up to 0.7 mm.

South-Western areas:

Moderate chance of (60%) of mean daily rainfall up to 0.5 mm.

Disclaimer

This information is provided with the understanding that the Trinidad and Tobago Meteorological Service makes no warranties, either expressed or implied, concerning the accuracy, completeness, reliability, or suitability of the forecast or outlook contained in this document. The information may be used freely by the public with appropriate acknowledgement of its source, but shall not be modified in content and then presented as original material.

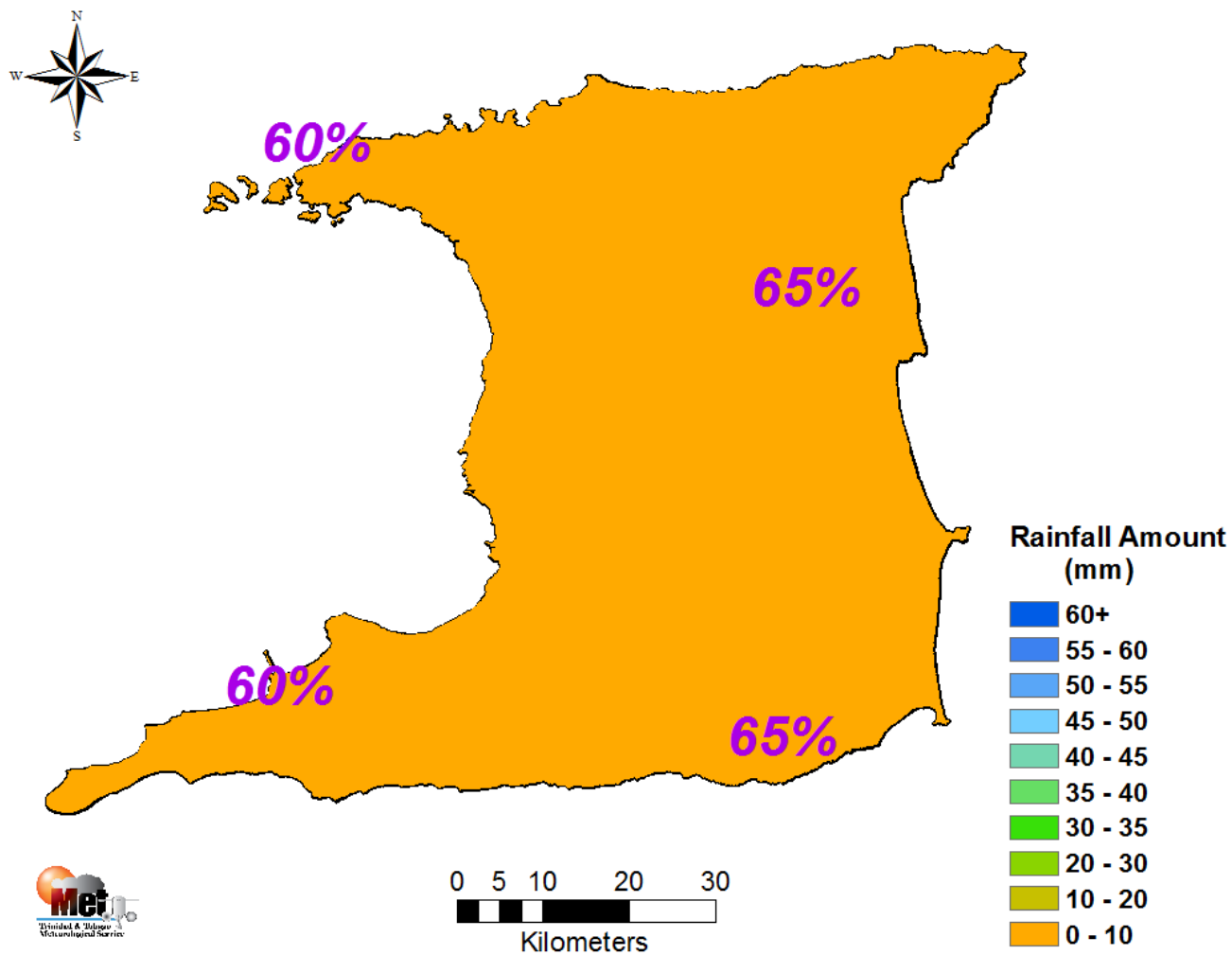


Figure 1. Rainfall Map of Trinidad showing possible rainfall totals for varying districts during Third dekad of April, 2017 and percentage probability of occurrence.

Disclaimer

This information is provided with the understanding that the Trinidad and Tobago Meteorological Service makes no warranties, either expressed or implied, concerning the accuracy, completeness, reliability, or suitability of the forecast or outlook contained in this document. The information may be used freely by the public with appropriate acknowledgement of its source, but shall not be modified in content and then presented as original material.

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

Northeastern areas:

Moderate chance (65%) of mean daily rainfall up to 1.0 mm.

South-Western areas:

Moderate chance (60%) of mean daily rainfall up to 0.5 mm.

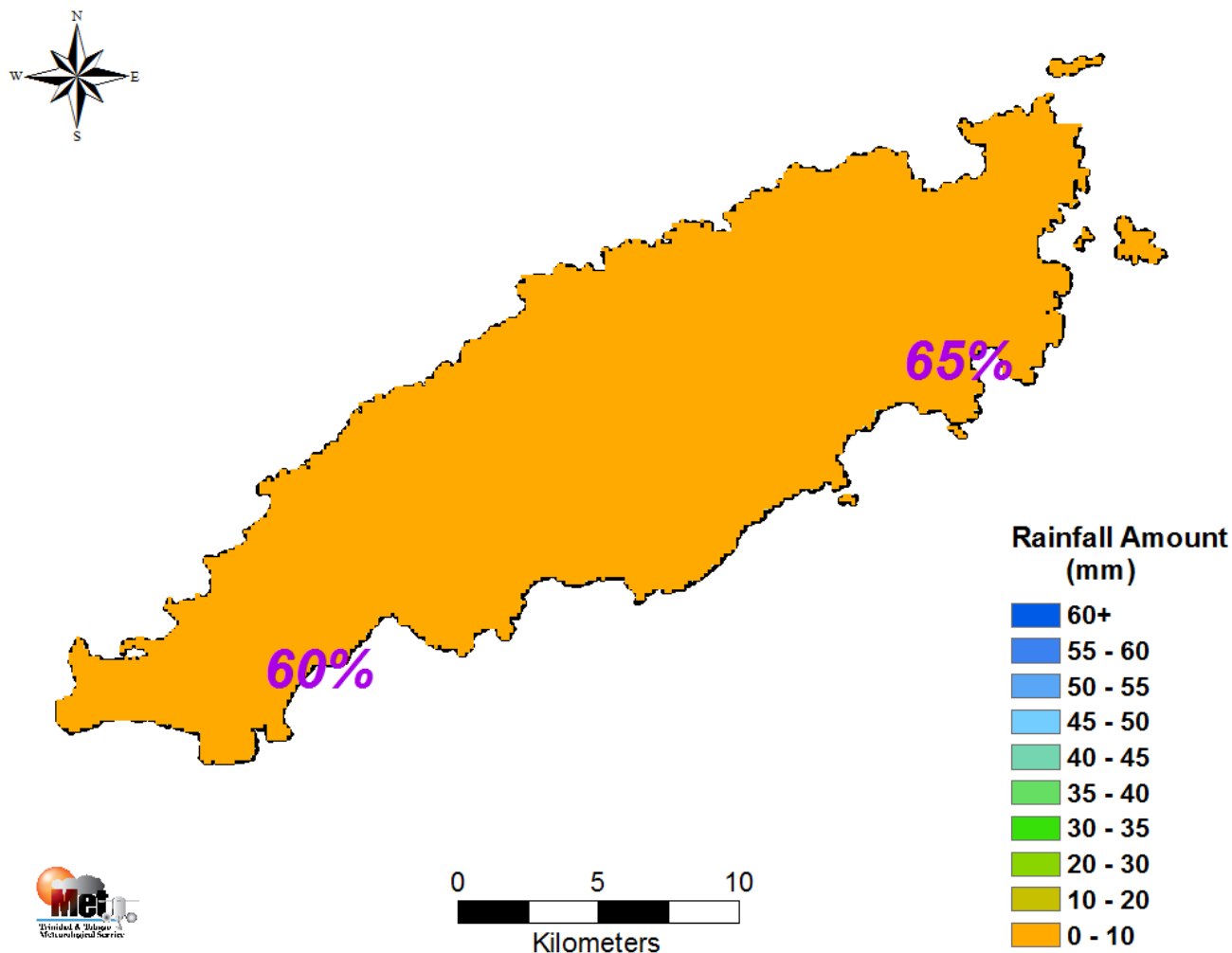


Figure 2. Rainfall Map of Tobago showing possible rainfall totals for varying districts during Third dekad of April, 2017 and percentage probability of occurrence.

Disclaimer

This information is provided with the understanding that the Trinidad and Tobago Meteorological Service makes no warranties, either expressed or implied, concerning the accuracy, completeness, reliability, or suitability of the forecast or outlook contained in this document. The information may be used freely by the public with appropriate acknowledgement of its source, but shall not be modified in content and then presented as original material.

Temperatures:

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

Moderate chance (70%) of daily maximum temperatures to exceed 32.6^oC, peaking near 34.2 ^oC.

Moderate chance (70%) of daily minimum temperatures to be below 23.4^oC, dropping as low as 22.1 ^oC.

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

Moderate chance (70%) of daily maximum temperatures to exceed 31.1^oC, peaking near 32.5^oC.

Moderate chance (70%) of daily minimum temperatures to be below 24.3^oC, dropping as low as 23.4^oC.

Summary:

The forecast for the Third Dekad of April (21st-30th) 2017, favours mostly dry weather. Early morning patchy cloudiness with a light shower at times, followed by hot and breezy conditions. There is a 65% chance of the possible daily rainfall totals may range between 0.5 mm and 5.0 mm also there is a 60% chance that the possible ten-day rainfall amounts range between 5.0 mm and 10.0 mm across Trinidad and Tobago. Temperatures are set to peak near 34.2 ^oC in Trinidad and near 32.5^oC in Tobago. The mostly dry conditions will result in browning up of pastures reducing fodder for livestock and increasing chances of bush fires in most areas. If possible, farmers are encouraged to conserve and use water efficiently over this period.

Disclaimer

This information is provided with the understanding that the Trinidad and Tobago Meteorological Service makes no warranties, either expressed or implied, concerning the accuracy, completeness, reliability, or suitability of the forecast or outlook contained in this document. The information may be used freely by the public with appropriate acknowledgement of its source, but shall not be modified in content and then presented as original material.