








Agro-Meteorological Forecast for the for the First 15-Day Period (1st-15th) of June, 2023

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

Weather Forecast for Farmers and Livestock Producers of Trinidad and Tobago for the 15-day period (1st-15th) of June 2023.

Date	Weather			Temperature	Heat Real Feel	Day Moisture (Relative Humidity)	Wind
1 st	 60% chance of showers	1.0 to 8.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 31.0/24.5	Feels like 31-35°C	58-73%	 Weak south-easterly 10 km/h Gust 20 km/h
2 nd	 75% chance of showers	10.0 to 25.0 mm of rainfall is possible	Partly cloudy to cloudy with light/mod showers and T-showers	Warm  Max/Min Temperatures °C 28.0/25.0	Feels like 28-32°C	84-94%	 Moderate easterly 15 km/h Gust 30 km/h
							














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3 rd	 60% chance of showers	1.0 to 8.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 31.0/25.0	Feels like 31-36°C	62-73%	Weak south-easterly 10 km/h Gust 20 km/h
4 th	 60% chance of showers	1.0 to 5.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 30.0/25.0	Feels like 31-36°C	56-71%	 Weak south-easterly 10 km/h Gust 20 km/h
5 th	 60% chance of showers	1.0 to 5.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 31.0/25.5	Feels like 31-36°C	57-68%	 Weak south-easterly 10 km/h Gust 20 km/h
6 th	 60% chance of showers	1.0 to 8.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 32.0/25.0	Feels like 32-36°C	55-61%	 Weak south-easterly 10 km/h Gust 20 km/h
7 th	 75% chance of showers	15.0 to 45.0 mm of rainfall	Partly cloudy to cloudy with light/mod showers and	Warm  Max/Min	Feels like		 Weak easterly 10 km/h












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		is possible	T-showers	Temperatures °C 28.0/26.0	28-32°C	84-94%	Gust 20 km/h
8 th	 45% chance of showers	1.0 to 4.0 mm of rainfall is possible	Partly cloudy with light/mod showers	Warm  Max/Min Temperatures °C 31.5/25.0	Feels like 32-35°C	55-63%	 Weak northeasterly 10 km/h Gust 20 km/h
9 th	 75% chance of showers	15.0 to 45.0 mm of rainfall is possible	Partly cloudy to cloudy with light/mod showers and T-showers	Warm  Max/Min Temperatures °C 28.0/25.0	Feels like 28-32°C	92-95%	 Weak northeasterly 10 km/h Gust 20 km/h
10 th	 45% chance of showers	1.0 to 5.0 mm of rainfall is possible	Partly cloudy with light/mod showers	Warm  Max/Min Temperatures °C 31.5/25.0	Feels like 31-35°C	69-78%	 Weak south-easterly 10 km/h Gust 20 km/h
11 th	 45% chance of showers	Less than 5.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 31.0/25.5	Feels like 31-35°C	65-74%	 Weak south-easterly 10 km/h Gust 20 km/h
							

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12 th	 65% chance of showers	10.0 mm than 20.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 32.0/25.0	Feels like 61-73% 32-38°C	Moderate easterly 10 km/h Gust 20 km/h
13 th	 65% chance of showers	10.0 mm than 20.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 32.0/25.5	Feels like 64-82% 30-36°C	 Weak south-easterly 10 km/h Gust 20 km/h
14 th	 65% chance of showers	1.0 to 5.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 33.0/25.0	Feels like 63-73% 33-38°C	 Weak south-easterly 10 km/h Gust 20 km/h
15 th	 65% chance of showers	1.0 to 5.0 mm of rainfall is possible	Partly cloudy with showers	Warm  Max/Min Temperatures °C 34.0/25.0	Feels like 57-67% 32-38°C	 Weak south-easterly 10 km/h Gust 20 km/h

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Trinidad Rainfall Forecast for the 15-Day period of June (1st – 15th) 2023.

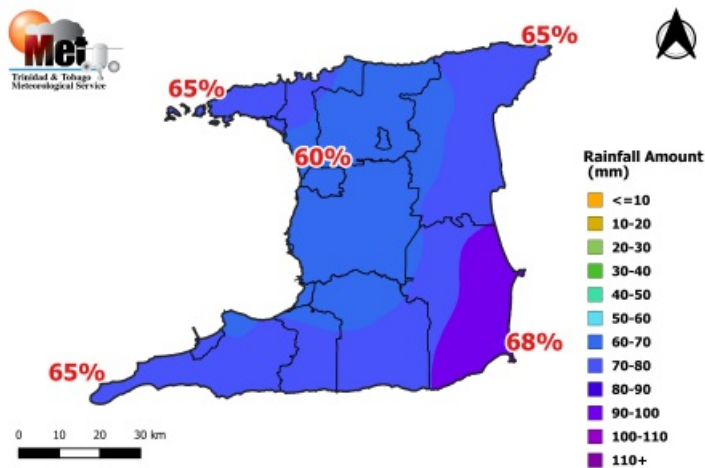


Figure 1. Rainfall map of Trinidad showing expected mean rainfall totals for districts across Trinidad during the 15-day period (1st-15th) June 2023 and percentage probability of occurrence.

Eastern, and North-Eastern areas

Moderate chance (65%) of mean daily rainfall up to 7.2 mm.

South-Eastern areas

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

Southern areas

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

South-Western areas

Moderate chance (65%) of mean daily rainfall up to 7.3 mm.

Central, West-Central, and inland areas

Moderate chance (60%) of mean daily rainfall up to 6.0 mm.

Northern, North-Western areas

Moderate chance (65%) of mean daily rainfall up to 7.2 mm.

Tobago Rainfall Forecast for the 15-Day period of June (1st – 15th) 2023.

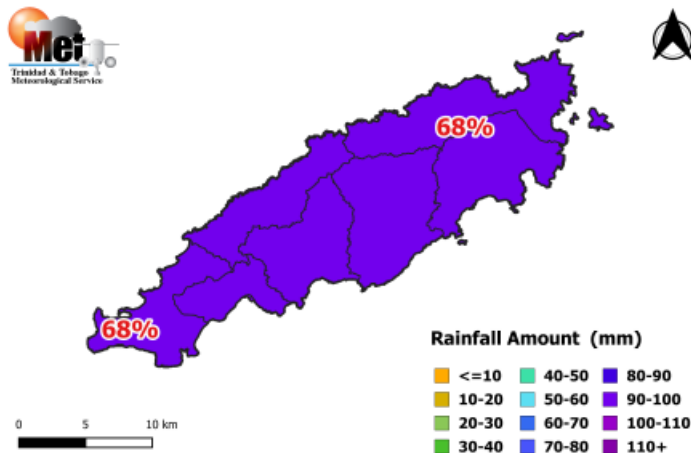


Figure 2. Rainfall map of Tobago showing expected mean rainfall totals for districts across Tobago during the 15-day period (1st-15th) June 2023 and percentage probability of occurrence.

North-Eastern areas

Moderate chance (68%) of mean daily rainfall up to 10.0 mm.

South-Western areas

Moderate chance (68%) of mean daily rainfall up to 10.0 mm.

Summary

Moderate to high rainfall amounts are expected during the fifteen days.

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Wet days with rainfall amounts ranging between 10-45 mm are expected during the 2nd, 7th, 9th, 12th and 13th while relatively wet days with rainfall amounts less than 8.0 mm are expected during the 1st, 3rd, 4th-6th, 8th, 10th-11th and 14th-15th of June 2023.

Trinidad and Tobago:

Wet days with rainfall amounts ranging between 10-45mm are expected during the 2nd, 7th, 9th, 12th and 13th while relatively wet days with rainfall amounts less than 8.0 mm are expected during the 1st, 3rd, 4th-6th, 8th, 10th-11th and 14th-15th of June 2023. The daily rainfall totals are forecast to range between 0.0 mm to 45.0 mm across different farmlands across the islands, especially along the eastern coastal areas of Trinidad, and Tobago with fifteen-day rainfall totals ranging between 60.0 mm and 100.0 mm in Trinidad, and 100 mm in Tobago.

Temperatures & Winds:

The maximum temperatures are expected to remain warm, with daily temperatures ranging between 31.0°C to 33.0°C throughout the period. However, temperatures are expected to have a real-feel or feels-like between 31.0°C to 38.0°C on most days. The minimum temperatures will range between 24.5°C to 25.5°C during most nights/early mornings, dropping lower in rural areas and valleys.

In general, mostly easterly winds of an average speed of 20 km/h are expected, however, gusts can range between 30-50 km/h. Moderate to high rainfall totals, mostly low to moderate speeds, warm days, and warmer feels-like temperatures will sustain average evapotranspiration rates in crops ranging between 2.0 to 10.0 mm per day.

Moisture levels:

Over the fifteen-day period across Trinidad and Tobago, moisture levels are expected to be moderate to high, with average daytime relative humidity values in the mid-50s to mid-90s, in terms of percentage.

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