

**Agro-meteorological Bulletin and Assessment for Farmers and Livestock Producers of
Trinidad and Tobago for the 15-Day Period (16th - 31st) of October, 2025**

Date: 15 October 2025

Definitions used in the forecast and bulletin

Term	Meaning
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

TRINIDAD AND TOBAGO METEOROLOGICAL SERVICE

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Summary of Expected conditions:

Near-to or above-normal rainfall amounts are forecast across various farmlands from October 16th to 31st. Despite September's dry spell across parts of Tobago and the eastern Caroni Plains in Trinidad, in particular, there remains the moderate to high risk of street/flash flooding on low-lying fields and access roads during the wet days forecast on 18th to 22nd, 25th to 26th and 28th to 30th. A moderate risk of heat hazards and pests/disease is expected due to near-to or below-average wind speeds and localized heat build-up.

Weather Assessment for the period 1st to 15th October 2025.

A moderately-dry to very-dry spell that developed at the end of September has lead to a Dry Spell Warning and a Drought Watch over the eastern Caroni Plains for mid-to-late October, see [Dryness/Drought Indicator, Monitor and Outlook | Trinidad & Tobago Meteorological Service](#). From the 1st to 15th October much below-normal rainfall occurred at Piarco, despite one extremely wet day (10th) and three wet days (7th, 12-13th) and two relatively wet days, which resulted in a 15-day rainfall total of 86.6 mm. At Crown Point, three relatively wet days (3rd, 6th and 9th) contributed to a 15-day rainfall total of 9.1 mm. The rainfall totals maps for the period 1st to 15th of October for Trinidad and Tobago are located below as figure 1 and figure 2.

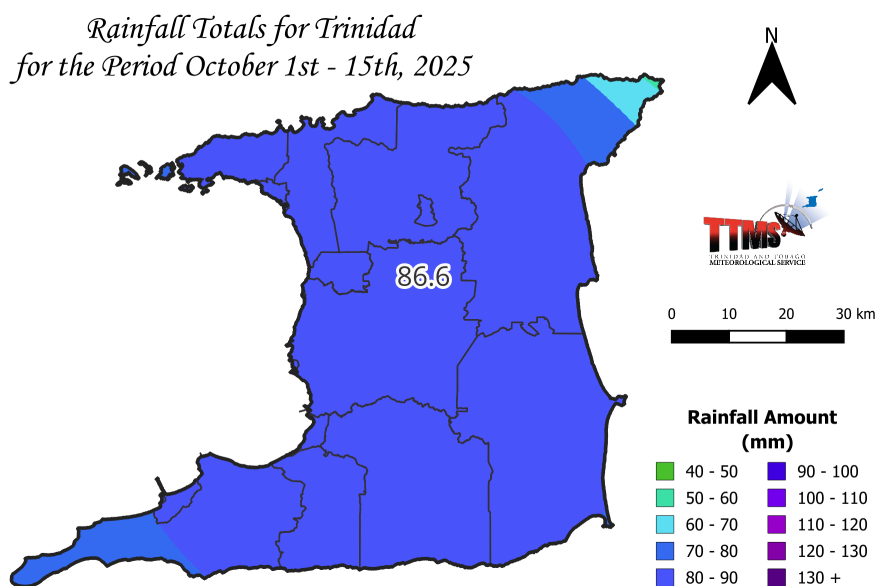


Figure 1. Rainfall map of Trinidad showing measured rainfall totals for varying districts during the period 1st to 15th of October 2025.

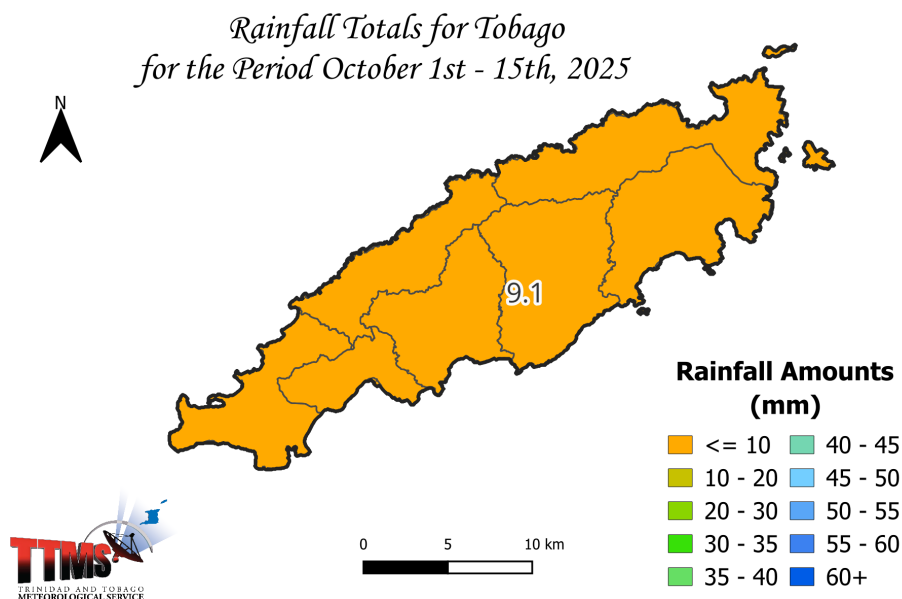


Figure 2. Rainfall map of Tobago showing measured rainfall totals for varying districts during the period 1st to 15th of October 2025.

Temperatures:

The nationwide trend of warm nights and very warm or hot days has continued as a Hot Spell developed during the first week of October in Trinidad. Piarco observed six consecutive hot days from 1st to 6th October (maximum temperature at least 34.0 °C) with a maximum daytime temperature 34.5 °C (2nd, 5th) however, the night-time minimum temperatures ranged from 23.0 °C to 25.2 °C at Piarco.

Crown Point, Tobago did not observe any hot days (maximum temperatures at least 33.0 °C) however very warm days and nights continued. The maximum daytime temperature was 32.9 °C (7th) and the minimum temperatures ranged from 24.9 °C to 26.9 °C at Crown Point.

Factoring the relative humidity however these temperatures had a 'real feel' that was higher than the observed maximum temperature.

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Agro-meteorological Forecast:

Date	Weather			Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind
16	 40% chance of rainfall	3-6 mm of rainfall is possible	Partly cloudy, breezy, isolated heavy shower / thunderstorm	 Very Warm Max/Min Temperatures 33°C/25°C	Feels like 39°C-40°C	60-73%	 South-southeast 11-30 km/h Gust 50 km/h
17	 30% chance of rainfall	3-9 mm of rainfall is possible	Partly cloudy, breezy, isolated heavy shower / thunderstorm	 Very Warm Max/Min Temperatures 33°C/25°C	Feels like 37°C-38°C	55-77%	 Southeast 11-30 km/h Gust 50 km/h
18	 70% chance of rainfall	6-15 mm of rainfall is possible	Mostly cloudy, scattered heavy showers / thunderstorms	 Very Warm Max/Min Temperatures 32°C/24°C	Feels like 39°C-43°C	68-80%	 East-southeast 11-30 km/h Gust 50 km/h
19	 70% chance of rainfall	6-15 mm of rainfall is possible	Mostly cloudy, scattered heavy showers / thunderstorms	 Warm Max/Min Temperatures 32°C/24°C	Feels like 39°C-43°C	77-88%	 East-southeast 11-30 km/h Gust 50 km/h
20	 70% chance of rainfall	6-15 mm of rainfall is possible	Mostly cloudy, scattered heavy showers / thunderstorms	 Warm Max/Min Temperatures 32°C/24°C	Feels like 37°C-42°C	75-95%	 East-southeast 11-30 km/h Gust 50 km/h

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Date	Weather			Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind
21	 70% chance of rainfall	6-12 mm of rainfall is possible	Mostly cloudy, scattered heavy showers / thunderstorms	 Warm Max/Min Temperatures 32°C/24°C	Feels like 38°C-42°C	75-92%	 East-southeast 11-30 km/h Gust 50 km/h
22	 70% chance of rainfall	6-10 mm of rainfall is possible	Partly to mostly cloudy, scattered heavy showers / thunderstorms	 Warm Max/Min Temperatures 32°C/24°C	Feels like 37°C-39°C	65-80%	 East-southeast 11-30 km/h Gust 50 km/h
23	 40% chance of rainfall	5-8 mm of rainfall is possible	Partly to mostly cloudy, isolated heavy shower / thunderstorm	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 41°C-41°C	65-80%	 East-southeast 11-30 km/h Gust 50 km/h
24	 40% chance of rainfall	5-8 mm of rainfall is possible	Partly to mostly cloudy, isolated heavy shower / thunderstorm	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 39°C-41°C	65-80%	 Southeast 11-30 km/h Gust 50 km/h
25	 60% chance of rainfall	6-10 mm of rainfall is possible	Partly to mostly cloudy, scattered heavy showers / thunderstorms	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 39°C-41°C	65-80%	 Southeast 11-30 km/h Gust 50 km/h

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Date	Weather			Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind
26	 60% chance of rainfall	6-10 mm of rainfall is possible	Partly to mostly cloudy, scattered heavy showers / thunderstorms	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 39°C-41°C	65-80%	 Southeast 11-30 km/h Gust 50 km/h
27	 60% chance of rainfall	5-8 mm of rainfall is possible	Partly to mostly cloudy, isolated heavy shower / thunderstorm	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 39°C-42°C	67-80%	 South-southeast 11-30 km/h Gust 50 km/h
28	 70% chance of rainfall	6-10 mm of rainfall is possible	Partly to mostly cloudy, isolated heavy shower / thunderstorm	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 39°C-43°C	68-80%	 South-southeast 11-30 km/h Gust 50 km/h
29	 70% chance of rainfall	6-10 mm of rainfall is possible	Partly to mostly cloudy, scattered heavy showers / thunderstorms	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 37°C-43°C	68-80%	 East-southeast 11-30 km/h Gust 50 km/h
30	 70% chance of rainfall	3-10 mm of rainfall is possible	Partly to mostly cloudy, scattered heavy showers / thunderstorms	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 38°C-43°C	68-80%	 East-southeast 11-30 km/h Gust 50 km/h

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Date	Weather			Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind
31	 70% chance of rainfall	3-8 mm of rainfall is possible	Partly to mostly cloudy, isolated heavy shower / thunderstorm	 Very Warm Max/Min Temperatures 33°C/24°C	Feels like 37°C-41°C	65-80%	 East-southeast 11-30 km/h Gust 50 km/h

Trinidad Rainfall Forecast for the 15-Day period of October (16th to 31st) 2025.

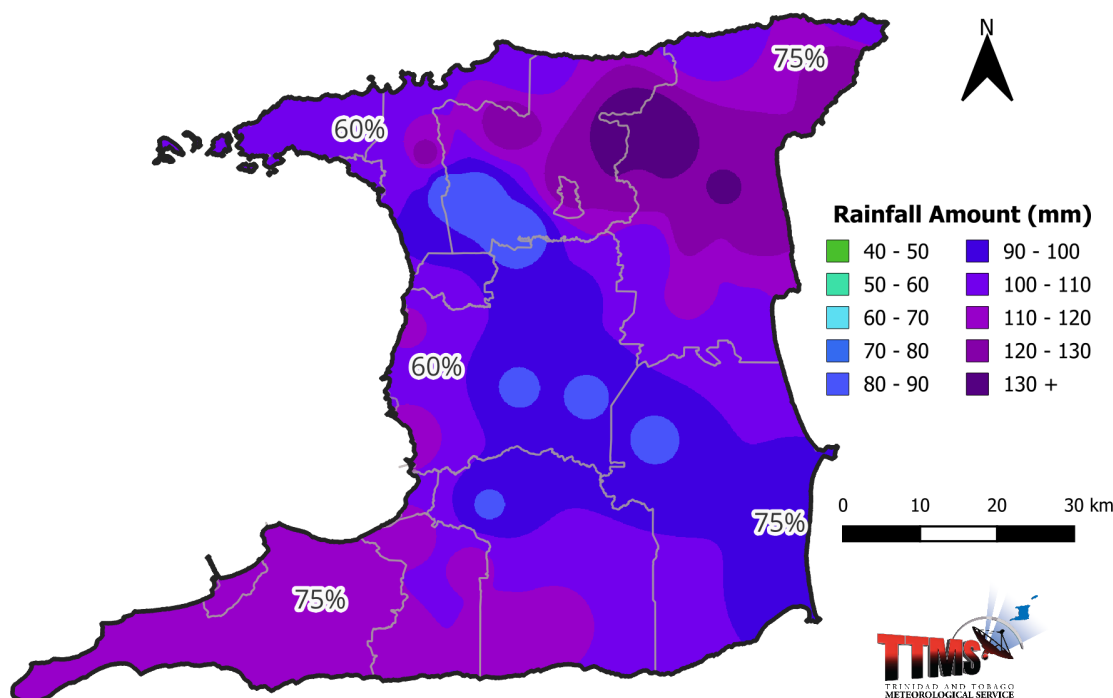


Figure 3. Rainfall map of Trinidad showing expected mean rainfall totals for districts across Trinidad during the 15-day period (16th to 31st October 2025) and percentage probability of occurrence.

Eastern and North-Eastern areas: High chance (75%) of mean daily rainfall up to 7.8 mm.

South-Eastern areas: High chance (75%) of mean daily rainfall up to 6.5 mm.

Southern areas: High chance (75%) of mean daily rainfall up to 7.2 mm.

South-Western areas: High chance (75%) of mean daily rainfall up to 7.3 mm.

Central, West-Central, and inland areas: Moderate chance (60%) of mean daily rainfall up to 6.6 mm.

Northern, North-Western areas: Moderate chance (60%) of mean daily rainfall up to 6.9 mm.

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Tobago Rainfall Forecast for the 15-Day period of October (16th to 31st) 2025.

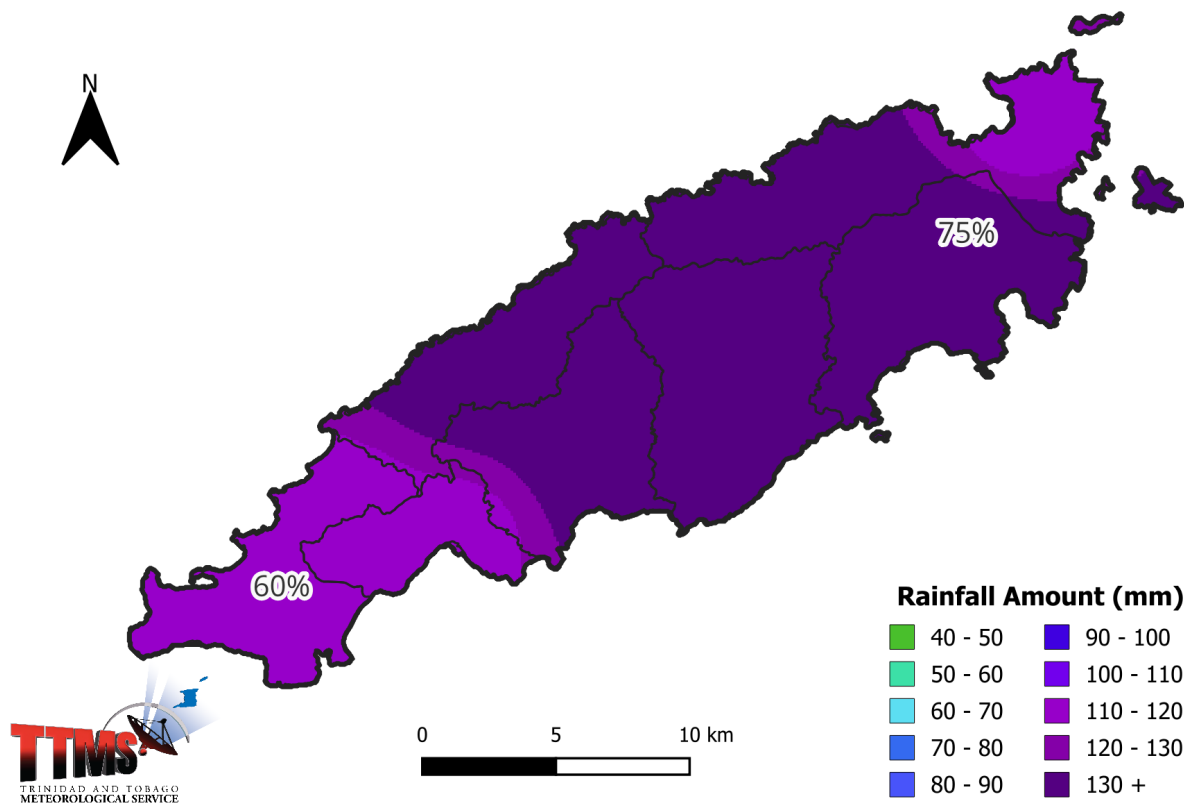


Figure 4. Rainfall map of Tobago showing expected mean rainfall totals for districts across Tobago during the 15-day period (16th to 31st October 2025) and percentage probability of occurrence.

North-Eastern areas: High chance (75%) of mean daily rainfall up to 10.3 mm.

South-Western areas: Moderate chance (60%) of mean daily rainfall up to 8.4 mm.

Trinidad and Tobago:

There will be a moderate (60%) chance of slight-dry to moderate-dry soils persisting across some farmlands mid-to-late in October. During the period 16th to 31st however, overall there is a moderate to high (60-75%) chance for near-to or above-normal rainfall. The 15-day period forecast rainfall totals in Trinidad are expected to range between 80 mm and 160 mm favoring eastern plains and hillsides of Trinidad, see figure 3. In Tobago, 15-day forecast rainfall is expected to range between 116 mm and 167 mm favouring farmlands in central and northeastern Tobago such as Hillsborough and Louis D'Or, see figure 4.

Temperatures & Winds:

Heat buildup remains likely with a moderate heat hazard risk through mid-to late October. There is a moderate (55%) chance of at least two hot days in a row due to a combined moderate (65%) chance of warmer than average nighttime temperatures and a moderate (60%) chance of above normal daytime temperatures. Temperatures are expected to feel as hot as 37°C to 43°C when factoring humidity on the hottest days when daily maximum temperatures of 31-33 °C are forecast. Warm nights with minimum temperatures of 24-27°C are expected (especially for southwestern Tobago and western Trinidad).

Generally, light to moderate southeasterly winds (near-to or below average wind speeds) are expected, however, there is a moderate to high (70%) chance of occasional gusts of 50 km/h or higher near heavy showers or isolated thunderstorms. Evaporation rates up to 5.0 mm per day on average are expected especially on hot days forecast during the period.

Moisture levels:

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

Highlighted Possible Impacts on Agriculture:

From the 16th to 31st, a moderate risk of heat hazards remains for farm workers, young livestock, newly germinated and transplanted seedlings onto fields. The very warm, moist conditions combined with lower wind speeds will maintain a moderate to high (70%) chance for fungal spread, insect pests and diseases to develop in crop beds.

Bouts of heavy rainfall will bring a moderate to high risk of street/flash flooding, overfilling ponds, land slippage on fields and access roads.

Downpours or thunderstorms producing strong gusts will likely damage young plants and flowering mature plants in exposed hilly areas.

So, continue to monitor streams and nearby watercourse levels. Implement pest and disease control measures as recommended. Monitor crops and animals for signs of heat stress and irrigate crops as needed especially in the flowering stage.

Sun and Moon Positions in the Sky October (16th to 31st) 2025.

The sun is presently at latitude 9° degrees South of the Equator. The day-length or number of sunlight hours in Trinidad and Tobago from October 16th will be 11 hours, 53 minutes decreasing to 11 hours, 45 minutes on October 31st.

Moon Phases: New Moon, 21st and First Quarter, 29th. According to the tradition of moon phases: October 19th – 20th is a good day for planting below-ground crops; 21st – 23rd and 26th – 27th are good days for planting above-ground crops; the remaining days are poor planting days and useful for removing weeds, clearing land and ploughing fields.