



TRINIDAD AND TOBAGO METEOROLOGICAL SERVICE

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F 750-04-05

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

Date: 15th December 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

Definitions used in the bulletin

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

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Summary of Expected conditions:

Below to near normal rainfall amounts are expected across various farmlands from December 16th to 31st with wet days forecast on the 27th to 29th. On wet days, there is a moderate risk of street/flash flooding on low-lying fields and access roads. Unfavourable conditions exist for heat hazards in mid-to-late December 2025.

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

From the 1st to 15th December, Trinidad observed near to above normal rainfall with a 15-day rainfall total of 107.1 mm at Piarco due to one extremely wet day (3rd), three wet days (2nd, 4th, 7th) and five relatively wet days. Tobago observed below normal rainfall with a 15-day rainfall total of 97.1 mm despite two extremely wet days (2nd, 6th) and six relatively wet days. As a result in Tobago, the dry spell has worsened to a Drought Watch for southwest Tobago with moderate dry conditions extending across central and northern Tobago, see [Dryness/Drought Indicator, Monitor and Outlook | Trinidad & Tobago Meteorological Service](#). The rainfall totals maps for the period 1st to 15th of December for Trinidad and Tobago are located below as figure 1 and figure 2.

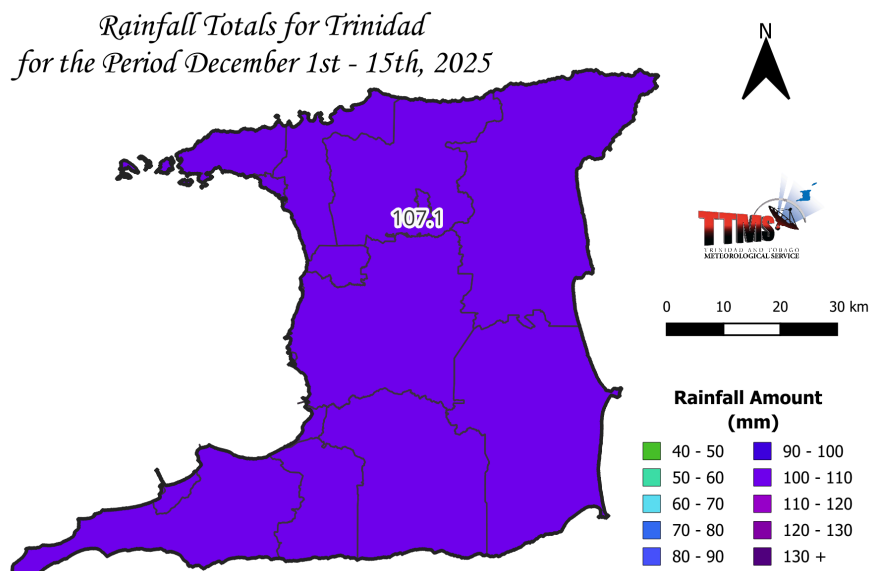


Figure 1. Rainfall map of Trinidad showing measured rainfall totals for varying districts during the period 1st to 15th of December 2025.

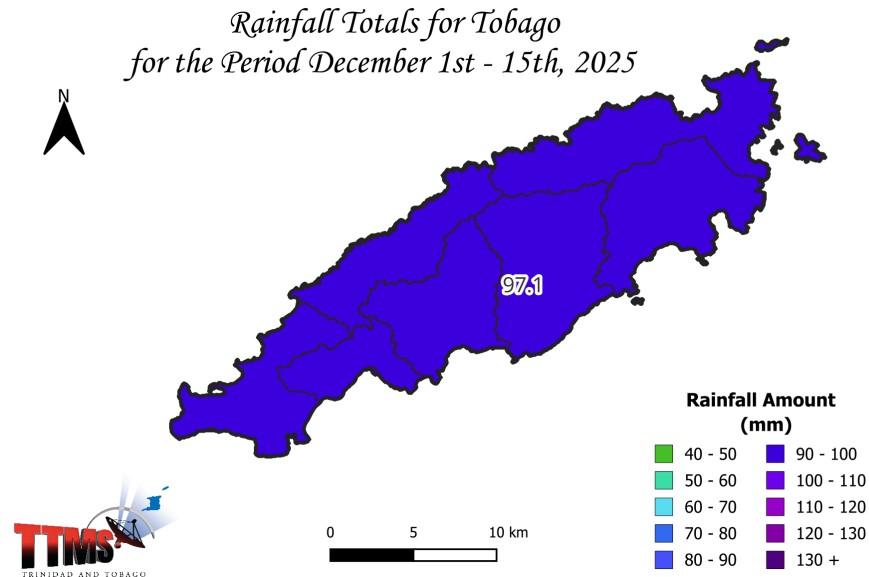


Figure 2. Rainfall map of Tobago showing measured rainfall totals for varying districts during the period 1st to 15th of December 2025.
















Temperatures:
















During the first half of December, there were no hot days at Piarco (maximum temperature at least 34.0 °C) with a maximum daytime temperature 31.8 °C (11th). Although nighttime conditions have cooled slightly, night-time minimum temperatures ranged from 22.5 °C to a warm 24.0 °C at Piarco.

Crown Point, Tobago did not observe any hot days (maximum temperatures at least 33.0 °C) however warm nights have continued. From 1st to 15th of December, the maximum daytime temperature was 30.8 °C (1st) and the minimum temperatures ranged from 23.0 °C to 25.6 °C at Crown Point.

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

Agro-meteorological Forecast:

Date	Weather		Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind	
16	 60% chance of rainfall	1-5 mm of rainfall is possible	Partly cloudy, breezy, few showers	 Warm Max/Min Temperatures 31°C/23°C	Feels like 33°C-35°C	59-75%	 East 11-30 km/h Gust 50 km/h
17	 70% chance of rainfall	2-6 mm of rainfall is possible	Partly to mostly cloudy, windy, scattered showers	 Warm Max/Min Temperatures 31°C/23°C	Feels like 35°C-38°C	70-85%	 East 20-30 km/h Gust 50 km/h
18	 70% chance of rainfall	2-6 mm of rainfall is possible	Partly to mostly cloudy, windy, scattered showers	 Warm Max/Min Temperatures 31°C/22°C	Feels like 34°C-35°C	60-80%	 East-northeast 20-30 km/h Gust 50 km/h
19	 40% chance of rainfall	1-5 mm of rainfall is possible	Partly to mostly cloudy, breezy to windy, few showers	 Warm Max/Min Temperatures 31°C/22°C	Feels like 34°C-36°C	65-75%	 East-northeast 20-30 km/h Gust 50 km/h
20	 20% chance of rainfall	1-5 mm of rainfall is possible	Partly to mostly cloudy, breezy to windy, few showers	 Warm Max/Min Temperatures 31°C/22°C	Feels like 35°C-36°C	65-80%	 East 20-30 km/h Gust 50 km/h

Date	Weather		Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind	
21	 40% chance of rainfall	1-5 mm of rainfall is possible	Partly to mostly cloudy, breezy/windy, few showers	 Warm Max/Min Temperatures 31°C/22°C	Feels like 34°C-34°C	55-75%	 East 11-30 km/h Gust 50 km/h
22	 40% chance of rainfall	1-3 mm of rainfall is possible	Partly cloudy, breezy, isolated showers	 Warm Max/Min Temperatures 31°C/22°C	Feels like 33°C-35°C	60-75%	 East-northeast 11-30 km/h Gust 50 km/h
23	 40% chance of rainfall	2-6 mm of rainfall is possible	Partly to mostly cloudy, breezy, few showers	 Warm Max/Min Temperatures 31°C/21°C	Feels like 33°C-36°C	65-80%	 East-northeast 11-30 km/h Gust 50 km/h
24	 40% chance of rainfall	2-6 mm of rainfall is possible	Partly to mostly cloudy, breezy, few showers	 Warm Max/Min Temperatures 31°C/21°C	Feels like 33°C-35°C	60-75%	 East-northeast 11-30 km/h Gust 50 km/h
25	 20% chance of rainfall	2-6 mm of rainfall is possible	Partly to mostly cloudy, few showers	 Warm Max/Min Temperatures 31°C/21°C	Feels like 33°C-34°C	55-70%	 East-northeast 11-30 km/h Gust 50 km/h

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Date	Weather		Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind	
26	 40% chance of rainfall	2-7 mm of rainfall is possible	Partly to mostly cloudy, scattered showers	 Warm Max/Min Temperatures 32°C/21°C	Feels like 35°C-37°C	60-75%	 East-northeast 11-30 km/h Gust 50 km/h
27	 70% chance of rainfall	3-10 mm of rainfall is possible	Partly to mostly cloudy, scattered showers	 Warm Max/Min Temperatures 32°C/21°C	Feels like 35°C-40°C	70-80%	 East 11-30 km/h Gust 50 km/h
28	 70% chance of rainfall	3-10 mm of rainfall is possible	Partly to mostly cloudy, scattered showers	 Warm Max/Min Temperatures 32°C/21°C	Feels like 37°C-40°C	70-85%	 East 11-30 km/h Gust 50 km/h
29	 70% chance of rainfall	3-10 mm of rainfall is possible	Partly to mostly cloudy, scattered showers	 Warm Max/Min Temperatures 32°C/21°C	Feels like 37°C-40°C	70-85%	 East-southeast 11-30 km/h Gust 50 km/h
30	 70% chance of rainfall	2-5 mm of rainfall is possible	Partly to mostly cloudy, few to scattered showers	 Warm Max/Min Temperatures 31°C/21°C	Feels like 34°C-36°C	65-75%	 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	2-5 mm of rainfall is possible	Partly to mostly cloudy, few to scattered showers	 Warm Max/Min Temperatures 31°C/21°C	Feels like 35°C-36°C	65-75%	 East-northeast 11-30 km/h Gust 50 km/h

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

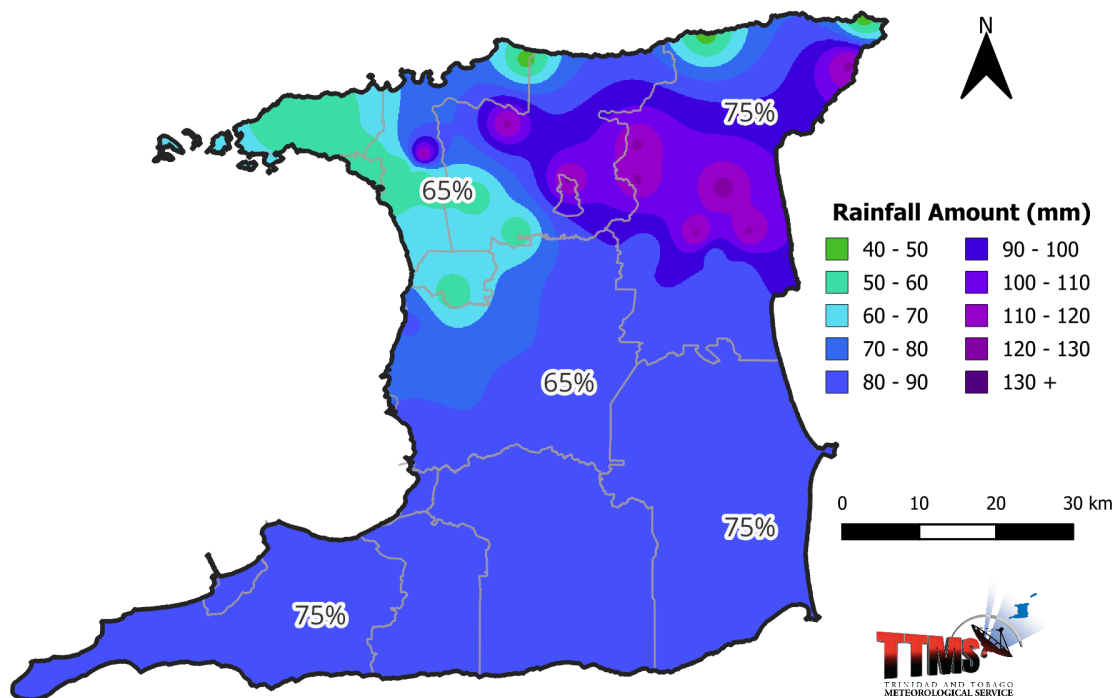


Figure 3.

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

Eastern and North-Eastern areas: High chance (75%) of mean daily rainfall up to 6.3 mm.

South-Eastern areas: High chance (75%) of mean daily rainfall up to 5.5 mm.

Southern areas: High chance (75%) of mean daily rainfall up to 5.5 mm.

South-Western areas: High chance (75%) of mean daily rainfall up to 5.5 mm.

Central, West-Central, and inland areas: Moderate chance (65%) of mean daily rainfall up to 4.9 mm.

Northern, North-Western areas: Moderate chance (65%) of mean daily rainfall up to 4.5 mm.

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

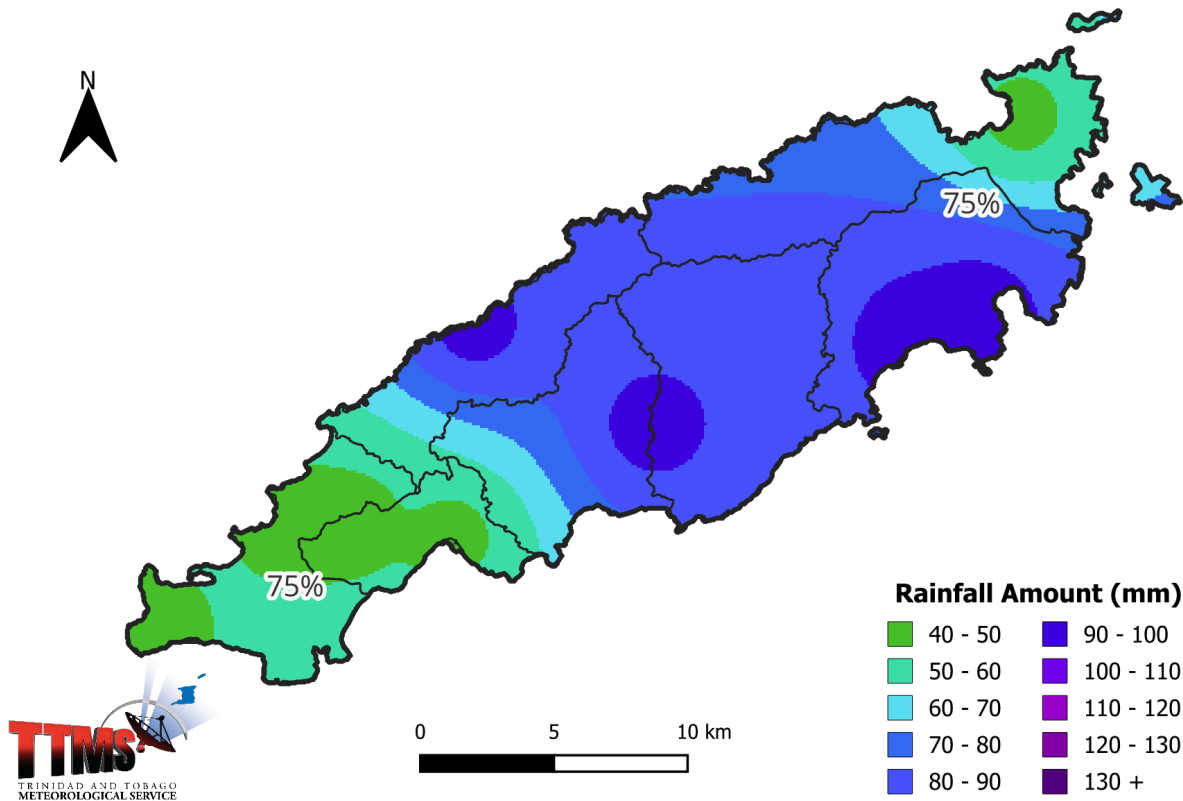


Figure 4. Rainfall map of Tobago showing expected mean rainfall totals for districts across Tobago during the 15-day period (16th to 31st December 2025) and percentage probability of occurrence.

North-Eastern areas: High chance (75%) of mean daily rainfall up to 5.5 mm.

South-Western areas: High chance (75%) of mean daily rainfall up to 3.7 mm.



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Trinidad and Tobago:

From the 16th to 31st December, mainly partly cloudy, breezy to windy conditions with occasional blustery showers are expected to produce below to near normal rainfall amounts across farmlands. Wet days forecast on the 27th to 29th will bring a moderate risk of street/flash flooding on low-lying fields and access roads. During the first week, (16th to 22nd) there is a moderate (70%) chance for below normal rainfall. During the second week (23rd– 31st) there is a moderate to high (75%) chance for near normal rainfall amounts. This forecast rainfall should ease the very dry conditions (Drought Watch) for southwest Tobago. During the 15-day period, 16th to 31st, forecast rainfall totals in Trinidad are expected to range between 47 mm and 124 mm favoring the eastern Caroni plains and northeastern hillsides of Trinidad, see figure 3. In Tobago, the 15-day forecast rainfall is expected to range between 47 mm and 94 mm favouring farmlands in eastern areas such as Roxborough and Goodwood, see figure 4.

Temperatures & Winds:

There is a lowered risk of heat hazards mid-to-late December. A moderate (55%) chance of above normal daytime temperatures is expected to balance the moderate to high (75%) chance of warmer than average nighttime temperatures. Daily maximum temperatures of 29 °C to 32 °C are forecast, however temperatures are expected to feel as hot as 33 °C to 40 °C when factoring humidity on the hottest days. Generally nighttime minimum temperatures will range from 22 °C to 25 °C, though cooler nights of 20°C are expected from the 23rd to 26th favouring central and northern Trinidad.

Generally steady, moderate to fresh east to northeasterly winds at near normal wind speeds are expected with a high (75%) chance of occasional gusts of 50 km/h or higher on hilltops and exposed coastal areas. Evaporation rates up to 4.0 mm per day on average are expected especially on warm, breezy days forecast during the period.

Moisture levels:

Low to moderate moisture levels are expected across Trinidad and Tobago over the fifteen-day period, with average daytime relative humidity values expected from the low-50s to high-80s, in terms of percentage.



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Highlighted Possible Impacts on Agriculture:

From the 16th to 31st, there is a low to moderate risk of heat hazards for farm workers, young livestock, newly germinated/ transplanted seedlings onto fields. Warm but less moist conditions will provide a moderate (65%) chance for fungal spread, insect pests and diseases to develop in crop beds. Saharan dust/air may affect small ruminants and poultry.

There is a moderate risk of street/flash flooding, overfilling ponds, land slippage on fields and access roads.

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

Continue to monitor streams and nearby watercourse levels. Maintain adequate drainage on fields. Ensure regular weeding to reduce competition and water stress on crops. Implement pest and disease control measures as recommended. Monitor crops and irrigate crops as needed especially in the flowering stage.

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

The sun is presently at latitude 23.3° degrees South of the Equator. The day-length or number of sunlight hours in Trinidad and Tobago from December 16th will be 11 hours, 30 minutes increasing to 11 hours, 31 minutes on December 31st.

Moon Phases: New Moon, 19th and First Quarter, 27th. According to the tradition of moon phases: December 16th are good days for planting below-ground crops; December 19th to 21st, 24th to 26th and 29th to 30th are good days for planting above-ground crops. Remaining days are poor planting days and useful for removing weeds, clearing land and ploughing fields.