



TRINIDAD AND TOBAGO METEOROLOGICAL SERVICE

Telephone: 1-868-669-4392 ext. 120/121 | Fax:
1-868-669-4727

Email: synop@metoffice.gov.tt Website: www.metoffice.gov.tt

F 750.04.05

Page 1 of 10

Agro-meteorological Bulletin and Assessment for Farmers and Livestock Producers of Trinidad and Tobago for the Second 15-Day Period (16th – 28th) of February, 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

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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.

Weather Assessment for the period February 16th to 31st 2025.

The extremely wet conditions since January have faded through the first half of February. Light to moderate rainfall during the first half of February has resulted in much below normal rainfall especially over western areas of Tobago and Trinidad. Tobago has experienced a 15-day rainfall amount at Crown Point of 4.6 mm. Meanwhile Piarco, Trinidad has experienced a 15-day rainfall amount of 8.7 mm. The rainfall totals maps for the period 1st to 15th of February for Trinidad and Tobago are located below as figure 1 and figure 2.

**Rainfall Totals for Trinidad
for the Period February 1st - 15th, 2025**

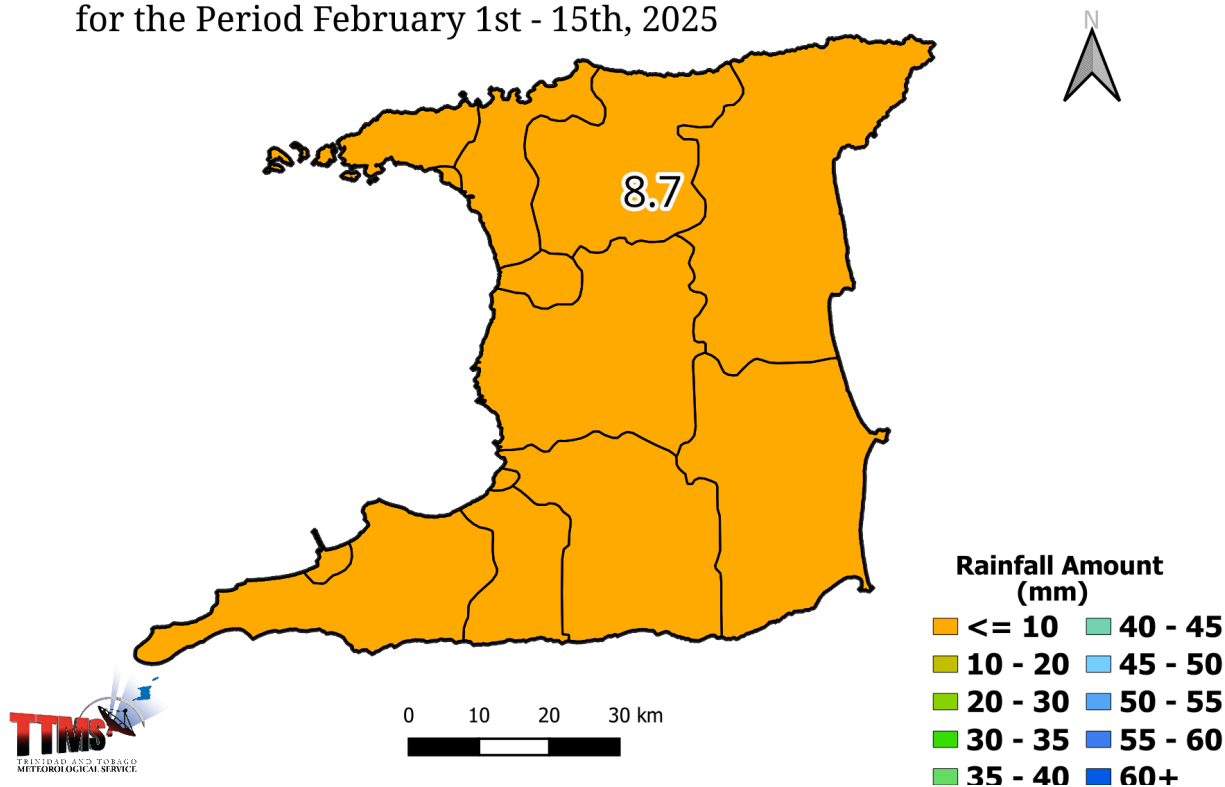


Figure 1. Rainfall map of Trinidad showing measured rainfall totals for varying districts during the period 1st to 15th of February.

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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.

**Rainfall Totals for Tobago
for the Period February 1st - 15th, 2025**

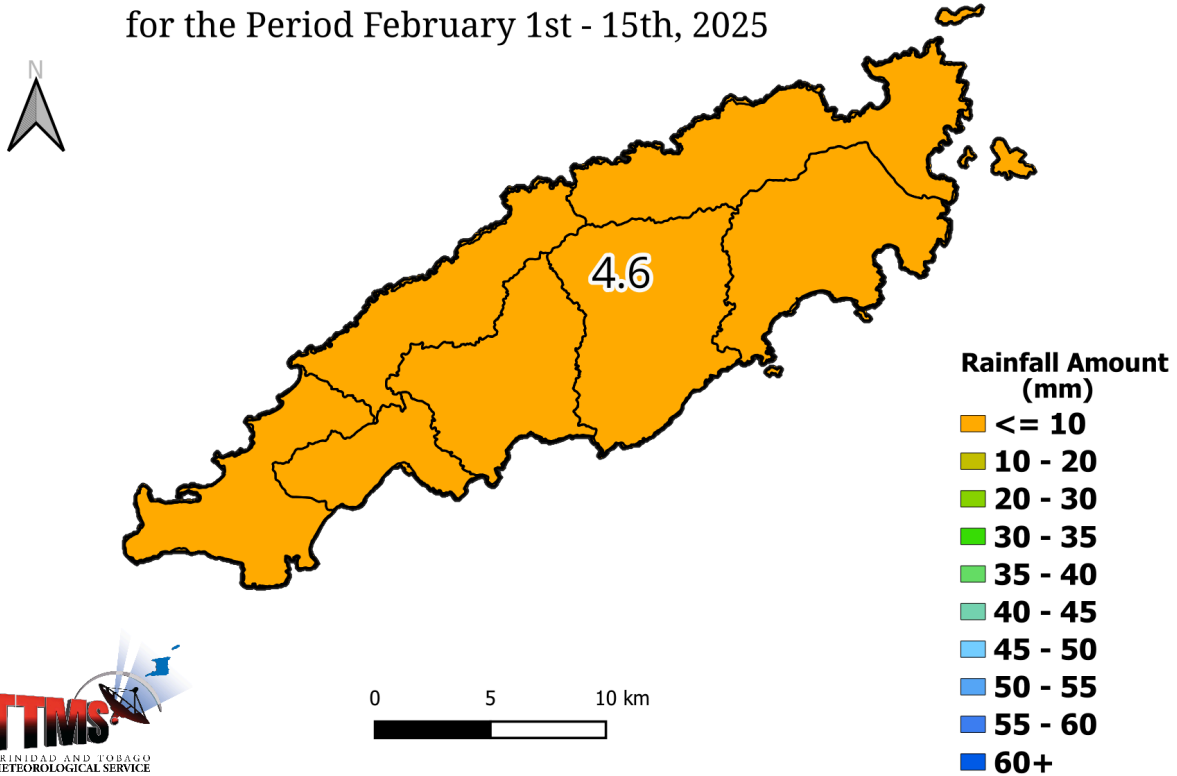


Figure 2. Rainfall map of Tobago showing measured rainfall totals for varying districts during the period 1st to 15th of February.
















Temperatures:

Warm conditions dominated the second half of February. From the 1st to the 15th February, Tobago in particular experienced above-normal temperatures on most days and nights but no hot days (maximum temperatures above 33.0 °C at Crown Point). The maximum daytime temperature was 31.3 °C (5th, 6th) and the minimum night-time temperatures ranged from 22.8 °C to 24.9 °C at Crown Point. From the 1st to the 15th February, Piarco observed a maximum daytime temperature of 31.9 °C (5th) with no hot days (maximum temperatures over 34.0 °C at Piarco). The minimum night-time temperatures ranged from 20.0 °C to 23.4 °C at Piarco. Factoring the relative humidity however, these temperatures had a ‘real feel’ that was higher than the observed temperature.

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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.

Agro-meteorological Forecast:

Date	Weather		Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind	
16 th	 70% chance of rainfall	2-4 mm of rainfall is possible	Partly cloudy and windy.	 Warm Max/Min Temperatures 31°C/23°C	Feels like 32°C-39°C	49-75%	 Northeasterly 30-50 km/h Gust 55 km/h
17 th	 60% chance of rainfall	2-4 mm of rainfall is possible	Generally fair and windy.	 Warm Max/Min Temperatures 31°C/22°C	Feels like 32°C-37°C	49-70%	 Northeasterly 30-50 km/h Gust 55 km/h
18 th	 40% chance of rainfall	1-3 mm of rainfall is possible	Generally fair and breezy.	 Warm Max/Min Temperatures 31°C/22°C	Feels like 34°C-37°C	56-70%	 Northeasterly 30-39 km/h Gust 50 km/h
19 th	 40% chance of rainfall	1-3 mm of rainfall is possible	Clear to partly cloudy, breezy.	 Warm Max/Min Temperatures 31°C/22°C	Feels like 32°C-37°C	45-70%	 Easterly 30-39 km/h Gust 50 km/h
20 th	 60% chance of rainfall	2-4 mm of rainfall is possible	Partly to mostly cloudy, breezy.	 Warm Max/Min Temperatures 31°C/23°C	Feels like 34°C-39°C	60-75%	 Easterly 30-39 km/h Gust 50 km/h

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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.

Date	Weather		Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind	
21 st	 60% chance of rainfall	2-4 mm of rainfall is possible	Partly to mostly cloudy, breezy.	 Warm Max/Min Temperatures 31°C/23°C	Feels like 34°C-36°C	57-75%	 Easterly 30-39 km/h Gust 50 km/h
22 nd	 60% chance of rainfall	2-3 mm of rainfall is possible	Partly to mostly cloudy, breezy.	 Warm Max/Min Temperatures 31°C/23°C	Feels like 34°C-39°C	57-75%	 East-northeasterly 30-39 km/h Gust 50 km/h
23 rd	 40% chance of rainfall	1-3 mm of rainfall is possible	Partly to mostly cloudy, breezy.	 Warm Max/Min Temperatures 31°C/23°C	Feels like 34°C-39°C	59-75%	 East-northeasterly 20-30 km/h Gust 39 km/h
24 th	 40% chance of rainfall	1-3 mm of rainfall is possible	Partly to mostly cloudy, breezy.	 Warm Max/Min Temperatures 31°C/23°C	Feels like 34°C-37°C	56-70%	 East-northeasterly 20-30 km/h Gust 39 km/h
25 th	 40% chance of rainfall	1-2 mm of rainfall is possible	Partly to mostly cloudy, windy.	 Warm Max/Min Temperatures 31°C/23°C	Feels like 34°C-39°C	54-70%	 East-southeasterly 30-39 km/h Gust 50 km/h

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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.












TRINIDAD AND TOBAGO METEOROLOGICAL SERVICE

Telephone: 1-868-669-4392 ext. 120/121 | Fax:
1-868-669-4727

Email: synop@metoffice.gov.tt Website: www.metoffice.gov.tt

F 750.04.05

Page 6 of 10

Date	Weather		Temperature	Heat 'Real Feel'	Day Moisture (Relative Humidity)	Wind	
26 th	 60% chance of rainfall	1-2 mm of rainfall is possible	Partly cloudy, windy.	 Warm Max/Min Temperatures 31°C/23°C	Feels like 33°C-39°C	50-70%	 East-southeasterly 30-39 km/h Gust 50 km/h
27 th	 60% chance of rainfall	1-2 mm of rainfall is possible	Partly cloudy, windy.	 Warm Max/Min Temperatures 31°C/22°C	Feels like 34°C-39°C	55-70%	 East-southeasterly 30-39 km/h Gust 50 km/h
28 th	 60% chance of rainfall	1-2 mm of rainfall is possible	Partly cloudy, windy.	 Warm Max/Min Temperatures 31°C/22°C	Feels like 34°C-39°C	55-70%	 East-southeasterly 30-39 km/h Gust 50 km/h

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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.

Trinidad Rainfall Forecast for the 15-Day period of February (16th – 28th) 2025.

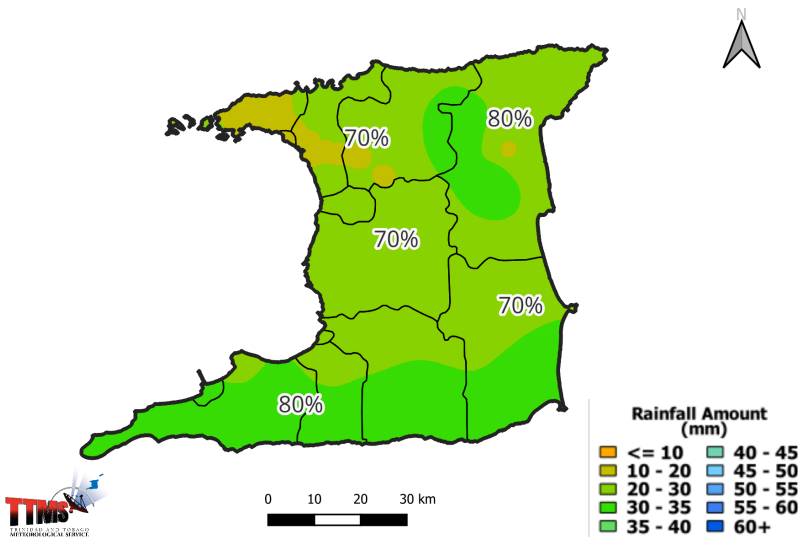


Figure 1. Rainfall map of Trinidad showing expected mean rainfall totals for districts across Trinidad during the 15-day period (16th – 28th) February 2025 and percentage probability of occurrence.

Eastern and North-Eastern areas: High chance (80%) of mean daily rainfall up to 2.0 mm.

South-Eastern areas: Moderate chance (70%) of mean daily rainfall up to 2.2 mm.

Southern areas: High chance (80%) of mean daily rainfall up to 2.2 mm.

South-Western areas: High chance (80%) of mean daily rainfall up to 2.2 mm.

Central, West-Central, and inland areas: Moderate chance (70%) of mean daily rainfall up to 1.7 mm.

Northern, North-Western areas: Moderate chance (70%) of mean daily rainfall up to 1.5 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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.

Tobago Rainfall Forecast for the 15-Day period of February (16th – 28th) 2025.

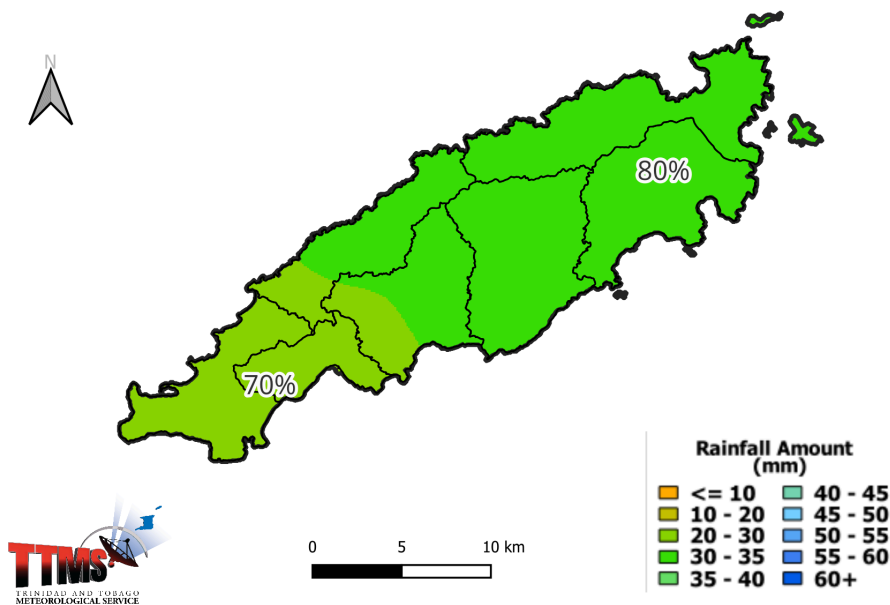


Figure 2. Rainfall map of Tobago showing expected mean rainfall totals for districts across Tobago during the 15-day period (16th – 28th) February 2025 and percentage probability of occurrence.

North-Eastern areas: High chance (80%) of mean daily rainfall up to 2.2 mm.

South-Western areas: Moderate chance (70%) of mean daily rainfall up to 1.8 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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.



TRINIDAD AND TOBAGO METEOROLOGICAL SERVICE

Telephone: 1-868-669-4392 ext. 120/121 | Fax:
1-868-669-4727

Email: synop@metoffice.gov.tt Website: www.metoffice.gov.tt

F 750.04.05

Page 9 of 10

Trinidad and Tobago:

Near-to or above normal rainfall amounts and relatively wet days with daily rainfall totals forecast up to 4 mm are expected 16th to 28th February.

In Trinidad, the 15-day period forecast rainfall totals are expected to range between 19 mm and 35 mm across different farmlands favouring southernmost areas of Trinidad: Penal and Moruga. In Tobago, 15-day forecast rainfall is expected to reach 33 mm across most farmlands, favouring northern and central hillsides: Main Ridge Reserve, Charlotteville, Belle Garden and Hillsborough.

Temperatures & Winds:

Temperatures for this time of year are expected to be closer to normal during most days. From 16th to 28th February there is a low (30%) chance daytime and nighttime temperatures will be above normal. Forecast daily maximum temperatures will range from 30 °C to 31 °C. Though comfortable on most days when factoring humidity on the warmest days these temperatures are expected to feel as hot as 32 °C to 34 °C. The minimum temperatures will range from 22.0 °C to 23.0 °C during most nights/early mornings, though lower (20 °C) in hilly areas and sheltered valleys.

Breezy to windy conditions are expected to continue with a moderate to high (60-80%) chance of fresh northeasterly or easterly winds of 20–39 km/h with strong gusts possible. Breezy to windy conditions combined with near-normal temperatures are expected to bring average evapotranspiration rates in crops between 3.0 to 6.0 mm per day.

Moisture levels:

Over the fifteen-day period across Trinidad and Tobago, expect moderate moisture levels with average daytime relative humidity values mainly from the mid-50s to mid-70s, in terms of percentage.

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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.



TRINIDAD AND TOBAGO METEOROLOGICAL SERVICE

Telephone: 1-868-669-4392 ext. 120/121 | Fax:
1-868-669-4727

Email: synop@metoffice.gov.tt Website: www.metoffice.gov.tt

F 750.04.05

Page 10 of 10

Highlighted Possible Impacts on Agriculture:

Greening of vegetation and abundant soil moisture is expected to be maintained across most farmlands despite fewer showery spells. Partly to mostly cloudy with light to moderate showers will interrupt breezy/windy conditions resulting in less evaporative stress. Across western and central areas of Trinidad however scheduling of irrigation days on fields to maintain optimal soil moisture may remain necessary on the warmest days. Lower heat stress risk is expected with a low (30%) chance of heat stress for farm workers, young livestock, newly germinated and transplanted seedlings onto fields. There is a moderate to high probability (60-80%) that strong gusts may damage young plants and flowering mature plants in exposed hilly areas. There is a moderate probability (40%) chance for fungal spread, insect pests and warm/moist weather diseases to develop in crop beds.

Sun and Moon Positions in the Sky February (16th – 28th) 2025.

The sun is presently 12° 05' South of the Equator and the day-length or number of sunlight hours in Trinidad and Tobago on February 16th will be 11 hours, 48 minutes 26 seconds increasing to 11 hours, 55 minutes 5 seconds on February 28th.

Moon Phases: Third Quarter, 20th; New Moon, 27th. According to the tradition of moon's phases: February 16th, 22nd – 24th are good days for planting below-ground crops; 17th – 19th and 27th – 28th are good days for planting above-ground; the remaining days are poor planting days and useful for removing weeds, clearing land and ploughing fields.

Summary of Expected conditions:

Greening of vegetation and abundant soil moisture is expected to be maintained despite fewer showery spells across most farmlands.

Occasional showers are expected to maintain adequate soil moisture and vegetation growth. Relatively wet days and near to above normal rainfall amounts are expected with daily rainfall totals forecast up to 4 mm 16th to 28th February. Temperatures are expected to be relatively lower and breezy/windy conditions are expected to lower heat stress during the fifteen days.

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. This product can also be accessed on the Trinidad and Tobago Meteorological Service website (<http://www.metoffice.gov.tt>). Any comments regarding this product are welcomed and can be sent via the metfeedback@gov.tt.