

Five-Day Weather Forecast for the Period:

11th - 15th June 2025

DATE: 10/06/2025

ISSUANCE TIME: 12:00pm

Brief Synopsis
<p>Synopsis and 5-day outlook</p> <p>A tropical wave affects Trinidad and Tobago and the southern Windward Islands from today, Tuesday (10th), closely followed by a low-level trough on Wednesday (11th). This is expected to continue to produce unstable conditions with cloudiness and showers over varying areas and medium to high chances for a few heavy showers or thunderstorm activity.</p> <p>By Friday (13th), another tropical wave begins to again affect Trinidad and Tobago and the Windward Islands, with cloudiness and showers over varying areas and medium to high chances for the development of heavy showers or isolated thunderstorm activity.</p>
The 5 Day Outlook Period
<ul style="list-style-type: none"> Wednesday (11th) Trinidad and Tobago and the Windward Islands: From early morning, partly cloudy to cloudy periods with light to moderate showers or rain over varying areas and a low to medium chance for an isolated heavy shower or isolated thunderstorm activity is expected. The remainder of the Lesser Antilles: Mostly fair conditions being interrupted by brief showers near hilly areas are likely. Thursday (12th) Trinidad and Tobago and the Windward Islands: Predawn periods of showers mainly near coastal and hilly areas with a low to medium chance for an isolated heavy shower or isolated thunderstorm activity are expected. Intermittent light or moderate showers over varying areas are likely to interrupt fair periods. The remainder of the Lesser Antilles: Mostly fair conditions being interrupted by brief showers near hilly area



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- **Friday (13th)**

Trinidad and Tobago and the Windward Islands: Partly cloudy to cloudy conditions, with light to moderate showers or rain over varying areas with a medium to high chance for a heavy shower or a thunderstorm favouring Tobago and coastal areas of Trinidad, and a medium chance for an isolated thunderstorm over overland Trinidad. The remainder of the Lesser Antilles: Mostly fair conditions being interrupted by brief showers near hilly areas are likely.

- **Saturday (14th)**

Trinidad and Tobago and the remainder of the Lesser Antilles: Mostly fair conditions with brief showers favouring but not confined to, Tobago, eastern Trinidad, and other hilly areas to be expected.

- **Sunday (15th)**

Trinidad and Tobago and the remainder of the Lesser Antilles: Mostly fair conditions with brief showers favouring but not confined to, Tobago, eastern Trinidad, and other hilly areas to be expected.

Areas of Interest to Trinidad and Tobago and the Lesser Antilles:

Tropical waves and disturbances:

The nearest tropical wave is presently affecting Trinidad and Tobago and the southern Windward Islands, with its axis located near 62W.

A low-level trough, the axis of which has been analysed to be presently located near 53W. Convection and instability associated with this trough are expected to begin to affect Trinidad and Tobago and the Windward Islands by tomorrow, Wednesday (11th).

The axis of a tropical wave in the equatorial Atlantic has been located near 45W at this time. This wave is presently moving west at approximately 15kt. At present, track and motion and the associated instability and convection are expected to begin to affect Trinidad and Tobago and the Windward Islands by Friday (13th).

The axis of another tropical wave is at this time located near 20W in the far eastern equatorial Atlantic.



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Looking beyond this outlook period:

Extended analysis for the seven (7) days following this outlook period indicates that the ITCZ could be intermittently modulated across the Windward Islands, and a trough across the Lesser Antilles is likely to produce increased cloudiness and convection mainly over the central islands on Tuesday (17th) and across the Leeward Islands on Wednesday (18th). Further analysis also indicated that a high-amplitude trough (meridional, i.e., along north to south) across the Lesser Antilles is possible on Sunday (22nd).

Seas: The wind waves in the open waters to the near east and northeast of Trinidad and Tobago are at this time mostly near 2.5 m and peaking to just under 3.0 m by tomorrow, Wednesday (11th). Subsequently, the wave heights are expected to remain near 2.5 m and eventually lower to just above 2.0 m by Sunday (15th).

Extended analysis is indicating that the wind wave heights for the seven (7) days following this outlook period are likely to remain near 2.0 m.

Wind: The near surface to mid-level wind over Trinidad and Tobago and the Windward Islands, at 2000 ft. to 5000 ft., is expected to be 20kt to 25kt and occasionally between 25kt to 30kt especially on Thursday (12th) and Friday (13th).

At this time, extended analysis for the following seven (7) days after this outlook period shows no significant variation in the wind from this outlook period.

Dust: Despite the rain precipitation, from northern Trinidad and northward, the Saharan dust concentration remains moderate at this time. By tomorrow Wednesday (11th), there is likely to be a reduction to mild, occasionally moderate except for from northeast Tobago and northward, where the concentration is likely to remain at least moderate. By Thursday (12th), the concentration becomes mostly moderate and occasionally high for the remainder of this outlook period.

Persons sensitive to the changes in the dust concentration are advised to continue to take the necessary precautions.

The Trinidad and Tobago Meteorological Service continues to analyse and monitor all developments within the area of interest.

ISSUED BY: Gary Benjamin, Meteorological Forecaster