

### Trinidad & Tobago Meteorological Service

Telephone: 1-868-669-4392; Facsimile: 1-868-669-4727 Email: metcommunications@gov.tt Website: www.metoffice.gov.tt Five-Day Weather
Forecast
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Issue date: 2024/02/19

### **Five-Day Weather Forecast for the Period:**

7<sup>th</sup> – 11<sup>th</sup> August 2025

**DATE:** 06/08/2025 ISSUANCE TIME: 12:00pm

### **Brief Synopsis**

#### Synopsis and 5-day outlook

A surface trough from Friday (08th) into Saturday (09th), and equatorial moisture advection with surface convergence, is expected to produce varying cloudiness and showers, with medium chances for isolated thunderstorm activity, across Trinidad and Tobago and the Windward Islands during this outlook period.

### The 5 Day Outlook Period

**Thursday (07th) Trinidad and Tobago**: Partly cloudy to cloudy conditions is likely to occur with showers expected over varying areas and a medium chance of heavy showers or isolated thunderstorms. Conditions are expected to become generally settled to fair by mid-afternoon.

**The remainder of the Lesser Antilles**: Weather will be generally fair with interruptions of light to moderate showers, especially near hilly areas.

**Friday (08th) Trinidad and Tobago and the Windward Islands**: Varying cloudiness is expected to produce light to moderate showers mostly during the early morning to midafternoon. There is a low to medium chance for an isolated heavy shower or thunderstorm in some areas.

**The remainder of the Lesser Antilles**: Generally, fair with a few light to moderate showers favouring near hilly areas, mostly during the afternoon, can be expected.



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**Saturday** (**09th**) **Trinidad and Tobago and the Windward Islands**: Varying cloudiness is expected to produce light to moderate showers mostly during the early morning to midafternoon. There is a medium chance for an isolated heavy shower or thunderstorm in some areas, and a medium to high chance for a thunderstorm to develop over western and/or central Trinidad between late morning and afternoon. There is a medium chance for isolated thunderstorms to develop during the late night.

**The remainder of the Lesser Antilles**: It is likely to be generally fair with a few light to moderate showers and a medium chance for a heavy shower favouring near hilly areas.

**Sunday** (**10th**) – **Trinidad and Tobago and the Windward Islands**: From overnight into the predawn and early morning, varying cloudiness is likely to produce light to moderate showers over various areas. There will be a medium to high chance of thunderstorm development. During the late morning to afternoon, there will be a medium chance for an isolated thunderstorm to develop over western Trinidad, near the Northern Range, or over the south-western peninsula.

**The remainder of the Lesser Antilles**: Conditions will be generally fair to partly cloudy at times, with a few light to moderate showers and a medium chance of a heavy shower, especially near hilly areas.

**Monday** (11th) Trinidad and Tobago: Predawn and early morning cloudiness mainly over Tobago and eastern coastal and near offshore Trinidad is expected to produce showers with a medium to high chance for thunderstorm development. Brief light to moderate showers over varying areas during the late morning to afternoon can be expected. There will be a low chance for an isolated heavy shower over western areas of Trinidad.

**The remainder of the Lesser Antilles**: Between late morning and afternoon into the evening, partly cloudy to cloudy patches are likely to be drifting northward, from the Windward to the southern Leeward Islands, producing showers over varying areas. There is the chance for strong thunderstorm activity near Barbados, the northern Windward Islands, and the southern Leeward Islands from mid-afternoon into the night.



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

#### Tropical waves, troughs and disturbances:

A tropical wave in the eastern Atlantic has now progressed with its axis near 33W. This wave is presently moving generally west-northwest at approximately 10kt. As the system, crosses the Atlantic, its direction is expected to track more towards the northwest. The associated disturbance with this wave has been given a 20% chance for cyclonic development through the next 48 hours and a 60% chance through the next 7 days.

Equatorial moisture advection and surface convergence, and a surface trough from Friday (08th) into Saturday (09th), are expected to produce cloudiness and showers, with medium chances for isolated thunderstorm activity, across Trinidad and Tobago and the Windward Islands during this outlook period.

**Looking beyond this outlook period**: Another strong tropical wave, presently indicating at least moderate vorticity, is likely to cross the Lesser Antilles by Friday (15th) into Saturday (16th). The Trinidad and Tobago Meteorological Service will continue to monitor this system.

**Seas**: The wind waves in the open waters to the near east and northeast of Trinidad and Tobago are expected to be 1.5m to 2.0m until Saturday (09th), when they are likely to show a reduction to 1.0m to 1.5m for the rest of this outlook period. Between Friday (15th) and Sunday (17th), the seas are likely to become rough (above 3.0m) across the Leeward Islands.

**Wind**: The wind in the near surface to the lower mid-level over Trinidad and Tobago and the Windward Islands (2000ft to 5000ft), is expected to be mostly near 20kt during this outlook period. Between Friday (15th) and Sunday (17th), the wind direction in the near surface to the lower mid-level is likely to be from between south and southwest with speeds at 20kt to 25kt.

A surge in the wind speed at the 10,000ft level, between Thursday (07th) and Friday (08th), is expected, with peak speeds likely to be 30kt to 35kt. Also on Monday (11th) to Tuesday (12th), another surge is expected to produce peak speeds of 30kt to 35kt. N.B. Surges in wind speed at the mid-level present the possibility for downdraughts to increase the surface to near-surface wind strength, especially in the event of deep convective activity (e.g., thunderstorms).

**Dust**: Saharan dust in the atmosphere is mostly moderate at this time and is likely to become mostly mild to occasionally moderate by Saturday (09th). **Persons sensitive to the dust are advised to continue to take the necessary precautions**.



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

**ISSUED BY: Gary Benjamin, Meteorological Forecaster**