

	<p style="text-align: center;"><b>Trinidad &amp; Tobago Meteorological Service</b></p> <p>Telephone: 1-868-669-4392; Facsimile: 1-868-669-4727  Email: <a href="mailto:metcommunications@gov.tt">metcommunications@gov.tt</a>  Website: <a href="http://www.metoffice.gov.tt">www.metoffice.gov.tt</a></p>	<p style="text-align: right;">F 750-03-20</p> <p style="text-align: center;"><b>Five-Day Weather Forecast</b></p> <p style="text-align: center;"><b>Page 1 of 2</b></p>
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## Five-Day Weather Forecast for the Period:

26<sup>th</sup> - 30<sup>th</sup> April 2025

**DATE:** 25/04/2025

**ISSUANCE TIME:** 12:00pm

Brief Synopsis
<p><b>Synopsis and 5-day outlook</b></p> <p>For this outlook period, with generally high pressure being the main feature across the tropical Atlantic, there are expected to be mainly fair conditions with one or two brief moderate showers to favour hilly areas. A perturbation causing convergence and moisture build-up over the northern Leeward Islands between late Saturday (26<sup>th</sup>) and early Tuesday (29<sup>th</sup>) morning is expected to produce partly cloudy to cloudy periods, with light to moderate showers and a medium chance for thunderstorm activity. On Tuesday (29<sup>th</sup>), convergence across Trinidad is likely to cause some moisture build-up and produce a few moderate showers and a low to medium chance for a heavy shower favouring, but not confined to, hilly areas and coastal to near-offshore areas of Trinidad. There is also a low to medium chance for isolated thunderstorm activity.</p>



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### Key Features

- **Saturday (26th)**

Trinidad and Tobago, the Windward, and the southern Leeward Islands: Mostly fair conditions are expected to be interrupted by a light or moderate shower during the late morning or afternoon, favouring hilly areas. The northern Leeward Islands: Low-level wind and moisture convergence with cloudy periods producing light to moderate showers over varying areas and a medium to high chance for isolated heavy showers or thunderstorms is expected.

- **Sunday (27th)**

Trinidad and Tobago, the Windward, and southern Leeward Islands: Mostly fair conditions are expected to be interrupted by a light or moderate shower during the late morning or afternoon and favouring hilly areas. The northern Leeward Islands: Mostly during the morning, low-level wind and moisture convergence with cloudy periods producing light to moderate showers over varying areas and a medium to high chance for isolated heavy showers or thunderstorms is expected.

- **Monday (28th)**

Trinidad and Tobago, the Windward, and southern Leeward Islands: Mostly fair conditions with the chance for a brief light or moderate shower during the late morning or afternoon, favouring hilly areas. The northern Leeward Islands: During the morning, low-level wind and moisture convergence with partly cloudy periods producing light to moderate showers over varying areas and a medium to high chance for isolated heavy showers or thunderstorms is expected.

- **Tuesday (29th)**

Trinidad and Tobago: Convergence across Trinidad is likely to cause some moisture build-up to produce a few moderate showers and a low to medium chance for a heavy shower favouring, but not confined to, hilly areas and coastal to near-offshore areas of Trinidad. There is also a low to medium chance for isolated thunderstorm activity, favouring early morning to early afternoon. The remainder of the Lesser Antilles: Generally fair with the chance of a brief shower favouring hilly areas, except for the pre-dawn over the Northern Leeward Islands, there is a medium chance for isolated moderate showers in some areas.

- **Wednesday (30th)**

Trinidad and Tobago and the Lesser Antilles: Generally fair conditions are expected, but with the chance for a moderate shower to develop mainly near hilly areas during the late morning to early afternoon.



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

A recent trough system that enhanced instability over the island chain has weakened and is presently moving generally northward. The mid-latitude high-pressure cell is beginning to strengthen, and high pressure across the tropical Atlantic is likely to reclaim dominance over the weather pattern across the Lesser Antilles for this outlook period. To the north of the Lesser Antilles, convergence into a frontal system is likely to influence a weak perturbation, mostly over the Leeward Islands, between late Saturday (26th) night and early Tuesday (29th) morning. On Tuesday (29th), increased moisture build-up between a tropical east-northeast flow and a south-southeast equatorial flow across Trinidad is likely to produce a few moderate showers and a low to medium chance for a heavy shower or thunderstorm, favouring, but not confined to, coastal and near offshore areas southeast of Trinidad.

**Looking beyond this outlook period:** Extended analysis indicates that for the next seven (7) days after this outlook period, mainly fair conditions are expected, sometimes interrupted by partly cloudy periods with a few light to moderate showers, influenced by varying areas of surface convergence and weak perturbations, with patches of moisture advection across the Lesser Antilles. Between Saturday (03rd) and early Wednesday (07th), increased equatorial moisture advection and enhanced surface convergence are likely to produce an increase in cloudiness and some showers over Trinidad and Tobago and the Windward Islands, with a medium chance for isolated heavy showers and a low to medium chance for a thunderstorm to favour Trinidad.

**Seas:** The wind waves in the open waters to the near east and northeast of Trinidad and Tobago are expected to be between 1.5m and 2.0m for this outlook period, peaking at 2.0m, or just above, on Sunday (27th) into Monday (28th). At this time, preliminary extended analysis is indicating no notable change in the wind waves during the next seven (7) days following this outlook period.

**Wind:** The near surface to mid-level wind over Trinidad and Tobago and the Windward Islands is presently 10 kt to 20 kt between 2000ft and 5000ft, with the highest strengths near 2000ft to 2500 ft, and coming generally from the east. This formation is expected to remain nearly the same for this outlook period. Extended analysis at this time is showing no significant change during the next seven (7) days following this outlook period.

**Dust:** Presently there is a mild/occasionally moderate concentration of Saharan dust in the atmosphere. There is expected to be a trend of increasing concentration to mostly moderate by Monday (28th) and likely to be moderate to high by midday on Tuesday (29th). **Persons sensitive to the changes in the air quality are advised 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**