

## Five-Day Weather Forecast for the Period:

2<sup>nd</sup> – 6<sup>th</sup> July 2025

**DATE:** 01/07/2025

**ISSUANCE TIME:** 1:00pm

Brief Synopsis
<p><b>Synopsis and 5-day outlook</b></p> <p>From Thursday (03rd) evening into Friday (04th) afternoon, the passage of a tropical wave is expected to bring instability, with partly cloudy to at times cloudy conditions, with medium to high chances for thunderstorm activity over Tobago and the Windward to southern Leeward Islands, and a low to medium chance for an isolated heavy shower or thunderstorm over Trinidad.</p> <p>On Saturday (05th), an increase in low-level convergence and moisture advection, oriented from southeast to northwest, is likely to produce partly cloudy periods with a medium chance for the development of an isolated heavy shower or thunderstorm.</p>
The 5 Day Outlook Period
<ul style="list-style-type: none"> <li> <b>Wednesday (02nd)</b>  Trinidad and Tobago: Low-level convergence, coming from the southeast, is expected to produce partly cloudy to cloudy conditions over Trinidad with light or moderate showers and a medium to high chance for the development of heavy showers or thunderstorm activity. Tobago is likely to remain mostly fair, but any northward propagation of the weather could produce a moderate shower near western areas. The remainder of the Lesser Antilles is expected to have generally fair conditions with brief showers in some areas, and the chance for a moderate shower near hilly areas is expected. </li> </ul>

- **Thursday (03rd)**

Trinidad and Tobago: Mixed conditions with brief showers over varying areas during the morning to afternoon are likely. By late night, an approaching tropical wave is likely to produce increasing cloudiness and showers over Tobago with a low to medium chance for an isolated heavy shower or thunderstorm, while the remainder of the Lesser Antilles is expected to have a mostly fair day with a few brief showers. By late night, an approaching tropical wave is likely to produce increasing cloudiness and showers, with a medium chance for an isolated heavy shower or thunderstorm.

- **Friday (04th)**

As a tropical wave passes, from overnight, initially over Tobago and subsequently over Trinidad as the morning progresses, expect partly cloudy to cloudy periods with medium to high chances of a few heavy showers and thunderstorm activity over Tobago and the near-eastern offshore areas of Trinidad. There will also be a medium chance for a heavy shower or isolated thunderstorm over Trinidad. Conditions are likely to become settled by mid-afternoon. The remainder of the Lesser Antilles: As a tropical wave passes, from overnight, over the Windward and southern Leeward islands, expect partly cloudy to cloudy periods with medium to high chances for a few heavy showers and thunderstorms, with conditions becoming settled by afternoon.

- **Saturday (05th)**

Following the passage of a recent tropical wave, an increase in low-level convergence and moisture advection, oriented from southeast to northwest, is expected to bring partly cloudy conditions with a moderate chance of isolated heavy showers or thunderstorms. The highest likelihood of these conditions will be over Tobago and the Windward Islands. Meanwhile, the remainder of the Lesser Antilles will experience mostly fair weather with brief showers in some areas, while a moderate shower may favour the hilly regions.

- **Sunday (06th)**

Trinidad and Tobago: Fair conditions with partly cloudy periods producing a few light or moderate showers and a low to medium chance for an isolated heavy shower near hilly areas or western Trinidad during the afternoon are expected, while the remainder of the Lesser Antilles is likely to be mostly fair with brief showers over varying areas and the chance for a moderate shower to favour hilly areas.



## Trinidad & Tobago Meteorological Service

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

#### **Tropical waves and disturbances:**

The axis of the next tropical wave is presently located near 45W and is moving westward at approximately 10kt. The axis of this wave is likely to reach the Lesser Antilles by Thursday (03rd) evening into Friday (04th) morning. Much of the weather associated with the axis of this wave on Thursday evening is likely to pass north of Trinidad, mostly over Tobago and the Windward to southern Leeward Islands. By later Friday (04th) morning into the afternoon, some southward drift of the associated weather over Trinidad is to be expected.

The axis of a following tropical wave is presently located in the eastern tropical Atlantic near 32W and is presently moving westward at approximately 15 kt. Early analysis is indicating that this wave could gradually lose its form as it travels towards the Windward Islands but can still bring increased convergence and equatorial moisture build up by Monday (07th) or Tuesday (08th).

#### **Looking beyond this outlook period:**

Extended analysis for the seven (7) days following this outlook period indicates mostly intermittent periods of convergence and equatorial moisture advection over Trinidad and Tobago and the southern Windward Islands, giving mixed conditions with low to medium chances for localized isolated heavy showers or a thunderstorm.

**Seas:** The wind waves in the open waters to the near east and northeast of Trinidad and Tobago are at this time near 1.5m and are expected to remain so for this outlook period, peaking to just above 1.5m on Friday (04th).

Extended analysis is indicating that the wind wave heights for the seven (7) days following this outlook period are likely to be between 1.5m to 2.0m, peaking to 2.0m Wednesday (09th) to Thursday (10th).

**Wind:** The wind in the near surface to the mid-level over Trinidad and Tobago and the Windward Islands (2000ft to 5000ft), is expected to be near 15kt to 20kt for this outlook period.

Presently, extended analysis for the following seven (7) days after this outlook period shows no significant variation in the wind speed from this outlook period, except for between Tuesday (08th) and Thursday (10th), when the speeds can occasionally increase to 20kt to 25kt.



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Between Thursday (03rd) and Sunday (06th) near the 10,000ft level, there are expected to be surges of near 35kt or above, which presents the possibility of downward vectors enhancing the near-surface to mid-level wind strength.

**Dust:** Today (Tuesday, 01st July) until Friday (04th) morning, the concentration of Saharan dust is expected to be moderate/occasionally high, after which there is likely to be a reduction to mild/occasionally moderate. From Sunday (06th), an increase to moderate to high can be expected.

**Persons sensitive to the dust 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**