



Trinidad & Tobago Meteorological Service

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F 750-03-20

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

[Day 28th (January) to Day 1st (February), (2025)]

DATE: 27/01/2025

ISSUANCE TIME: 11:28am

Brief Synopsis

Today, Monday (27th), this afternoon is expected to be partly cloudy with lingering showers in a few areas. There is also a low (20%) chance of the odd isolated thunderstorm, especially near western and southern areas of Trinidad.

Synopsis and 5-day outlook

For most of this outlook period, there are likely to be generally fair conditions with partly cloudy interruptions at times, producing brief showers in varying areas across the Lesser Antilles. On Wednesday (29th), an induced surface trough is expected to cause low-level convergence and equatorial moisture build up over Trinidad and Tobago and the Windward Islands, with a medium chance for isolated heavy showers or a thunderstorm to develop. By Thursday (30th), a noticeable drying out of the atmospheric moisture together with a gradually increasing Saharan dust concentration is to be expected.



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Key Features

- **Tuesday (28th)**

Across Trinidad and Tobago and the Lesser Antilles, patches of moisture advection are likely to interrupt the mostly fair and breezy conditions with brief showers over varying areas. There is a low to medium chance for a moderate shower to develop mainly near hilly areas during the late morning to afternoon. During the evening and night, there is a medium chance for a brief moderate shower to develop over Tobago and east Trinidad.

- **Wednesday (29th)**

A surface trough across the Lesser Antilles, influenced by a frontal system passing to the north, is expected to draw some equatorial moisture from the southeast, across Trinidad and Tobago, the Windward Islands, and the southern Leeward Islands. Partly cloudy to cloudy conditions are expected with light or moderate showers over varying areas. There is a medium to high chance for the development of isolated heavy showers or thunderstorms, with the higher chances likely between early morning and early afternoon and over but not confined to eastern coastal and offshore areas.

- **Thursday (30th)**

Moisture advection after the recent passage of a trough, together with varying surface convergence, is likely to produce a few partly cloudy patches with brief showers, interrupting otherwise fair conditions in varying areas. There is a low to medium chance for a brief moderate shower to favour hilly areas.

- **Friday (31st)**

Generally, fair conditions with patches of moisture advection and varying areas of surface convergence are likely to produce a few partly cloudy patches with brief showers in some areas. There is the chance for a brief moderate shower to favour hilly areas.

- **Saturday (01st)**

Mostly fair conditions with patches of moisture advection and varying areas of surface convergence are likely to produce a few partly cloudy periods with brief showers in varying areas. There is the chance for a moderate shower to develop, especially near hilly areas or during the afternoon.



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Areas of Interest to Trinidad and Tobago and the Lesser Antilles

The centre of the present North Atlantic high-pressure cell is gradually drifting towards the far eastern subtropical Atlantic, eventually reaching just to the south-east of the Iberian Peninsula by Friday (31st). This configuration is expected to continue to provide a long and generally straight fetch across the tropical Atlantic, generating steady, moderate, near surface to mid-level winds. A passing frontal system to the north, with a following and strengthening high pressure cell from the north-northwest, is expected to induce a surface trough, creating low level convergence and equatorial moisture build up, in the tropical wind flow across Trinidad and Tobago and the Lesser Antilles by Wednesday (29th).

Seas: For this outlook period, the seas in the open waters to the near east and northeast of Trinidad and Tobago are expected to be mostly moderate, gradually increasing to rough when moving further outward.

Please continue to monitor the sea conditions and always take precautions in marine activities.

Wind: The near surface to mid-level winds are expected to continue to be mostly moderate during this outlook period. This is likely to produce generally breezy conditions, and at times could become gusty, especially in elevated areas or in the vicinity of any shower that might occur.

Dust: Generally mild concentrations of atmospheric dust, with occasional brief fluctuations to moderate, until Thursday (30th), when the concentration is expected to rise to mostly moderate. From Thursday (30th), the dust concentration is expected to gradually rise to show a moderate to occasionally high concentration by the end of this outlook period. Further analysis is indicating that there are likely to be increased instances of high concentrations by Saturday (01st). **Persons who are sensitive to the changes in the dust concentrations are advised to take the necessary precautions.**

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

ISSUED BY: Gary Benjamin, Meteorological Forecaster