

Five-Day Weather Forecast for the Period:

20th - 24th May 2025

DATE: 19/05/2025

ISSUANCE TIME: 12:00pm

Brief Synopsis
<p>Synopsis and 5-day outlook</p> <p>Varying surface convergence and intermittent equatorial moisture advection, with generally moderate concentrations of Saharan dust. On Wednesday (21st) and Thursday (22nd), a low-level trough is expected to enhance the surface convergence and moisture build-up, raising the probability for isolated heavy showers or isolated thunderstorms.</p>



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The 5 Day Outlook Period

- **Tuesday (20th)**

Trinidad and Tobago: Periods of partly cloudy skies are expected from morning to mid-afternoon. There will be a low to medium chance of an isolated heavy shower, especially over hilly areas or in Trinidad. The remainder of the Lesser Antilles: Mostly fair conditions, being partly cloudy at times with brief light or moderate showers, are likely. There is a low chance for the development of an isolated heavy shower, mainly near hilly areas.

- **Wednesday (21st)**

Trinidad and Tobago and the southern Windward Islands: From pre-dawn to early afternoon, partly cloudy to cloudy periods with light to moderate showers over varying areas are expected. There is a medium chance of isolated heavy showers or thunderstorms. The remainder of the Lesser Antilles: Mostly fair conditions, with a brief light or moderate shower mostly near hilly areas, are likely.

- **Thursday (22nd)**

Trinidad and Tobago: Initially fair, but by late morning, it is expected to become partly cloudy with light or moderate showers over varying areas. Additionally, there is a low to medium chance for an isolated heavy shower and a low chance for an isolated thunderstorm to favour Trinidad. The remainder of the Lesser Antilles: Mostly fair conditions, with a brief shower, mainly near hilly areas, are likely.

- **Friday (23rd)**

Trinidad and Tobago and the remainder of the Lesser Antilles: Generally fair with a few brief late morning to early afternoon showers favouring hilly areas are expected.

- **Saturday (24th)**

Trinidad and Tobago and the remainder of the Lesser Antilles: The weather is likely to be generally fair with a few brief showers in the late morning to early afternoon, especially in hilly areas. There will be a low to medium chance of a moderate to heavy shower in Trinidad.



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

For this outlook period, the main weather features are expected to be equatorial moisture advection and surface convergence across Trinidad and Tobago and the Windward Islands. On Wednesday (21st) and Thursday (22nd), a low-level trough is expected to enhance the surface convergence and moisture build-up, raising the probability for isolated heavy showers or isolated thunderstorms.

Tropical waves: A tropical wave moved off the west African coast on Sunday, 18th May 2025. The axis of this is located near 20°W and is moving west at 5-10 kt. Present model analysis and projection are indicating that this wave is expected to reach Trinidad and Tobago and the Windward Islands by Sunday, 25th May 2025.

Looking beyond this outlook period, extended analysis is indicating a continuing pattern of intermittent equatorial moisture advection and increased surface convergence across the Windward Islands. A tropical wave is expected on Sunday, 25th May 2025, and by Friday (30th) into Saturday (31st); weather associated with another trough is to be expected.

Seas: The wind waves in the open waters to the near east and northeast of Trinidad and Tobago are expected to be generally 2.0m for this outlook period. Extended analysis is indicating that the wind wave heights are likely to be 2.0m to 2.5m for the seven (7) days following this outlook period.

Wind: The near surface to mid-level wind over Trinidad and Tobago and the Windward Islands is expected to be 20kt to 25kt at 2000ft to 5000ft, and coming generally from the east until Friday (23rd), when there is likely to be a backing (rotation in a counter-clockwise direction) to the east-northeast. Extended analysis for the following seven (7) days after this outlook period shows no significant change in the synoptic wind speed.

Dust: Presently there is a mild to moderate concentration of Saharan dust over Trinidad and a moderate concentration over Tobago. From Tuesday (20th) Afternoon, the dust concentration is expected to spike to high until Wednesday. (21st) morning, when the concentration is likely to be moderate for the remainder of this outlook period.

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

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