



**Trinidad & Tobago
Meteorological Service**

Telephone: 1-868-669-4392; Facsimile: 1-868-669-4727
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F 750-03-20

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

27th - 31st May 2025

DATE: 26/05/2025

ISSUANCE TIME: 12:00pm

Brief Synopsis

Synopsis and 5-day outlook

Mostly varying surface convergence with patches of moisture advection over the Leeward Islands, producing brief, light, or moderate showers, especially near hilly areas. Instability and moisture convergence over Trinidad and Tobago and the Windward Islands are expected to produce partly cloudy to cloudy conditions with medium to high chances for isolated heavy showers or thunderstorms between Thursday (29th) and Saturday (31st), due to the passage of a tropical wave. Hazy and breezy conditions are expected to continue.



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The 5 Day Outlook Period

- **Tuesday (27th)**
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 is expected. There is a low chance for a moderate or isolated heavy shower to favour Trinidad.
- **Wednesday (28th)**
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 is expected. There is a low to medium chance for a moderate or isolated heavy shower to favour Trinidad.
- **Thursday (29th)**
Trinidad and Tobago will see an increase in cloudiness late morning, with partly cloudy to cloudy periods and a few light to moderate showers. There is expected to be a medium to high chance for isolated heavy showers or isolated thunderstorms, favouring Trinidad and the near south of Tobago. An increase in cloudiness and the chance for thunderstorm activity spreading to include the southern Windward Islands is likely during the late night. The remainder of the Lesser Antilles: It will be generally fair, with light to moderate showers likely in hilly areas.
- **Friday (30th)**
Trinidad and Tobago and the southern Windward Islands: From overnight into the morning, there are expected to be partly cloudy to cloudy conditions in some areas, with light to moderate showers and a medium chance for an isolated heavy shower or thunderstorm. Additionally, there is a medium chance for an afternoon thunderstorm favouring western Trinidad. Generally, a fair evening is expected, but late at night, cloudiness will increase with a chance of an isolated heavy shower or thunderstorm, mainly in eastern Tobago and eastern Trinidad. The remainder of the Lesser Antilles: Generally, fair with interruptions of some light or moderate showers favouring hilly areas is likely.
- **Saturday (31st)**
Trinidad and Tobago and the southern Windward islands: Cloudiness with showers over different areas is likely overnight into early morning, with a medium to high chance of heavy showers and thunderstorm activity. Some abatement is expected by late morning into the afternoon, but partly cloudy periods will remain in some areas, with a low chance of isolated heavy shower or thunderstorm. The remainder of the Lesser Antilles: Generally, fair with interruptions of some light or moderate showers favouring hilly areas is expected.



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

Generally varying surface convergence with brief patches of moisture advection over the Leeward Islands. Trinidad and Tobago and the Windward Islands are expected to be affected by convective weather associated with the passage of a tropical wave between Thursday (29th) and Saturday (31st).

Looking beyond this outlook period, extended analysis is indicating that there are likely to be mostly varying areas of surface convergence with patches of moisture advection over the Lesser Antilles for most of the seven (7) days following this outlook period. The ITCZ is likely to remain south of the Lesser Antilles, but very early analysis is showing some indication of a northward modulation by Saturday, June 7.

Tropical waves and disturbances:

The axis of the next tropical wave The tropical wave is presently located in the central equatorial Atlantic near 37W and is moving west at approximately 10-15kt. Model analysis and projection are indicating that the weather associated with this wave is likely to arrive at Trinidad and Tobago and the Windward Islands by Thursday (29th) and into Friday (30th), with the weather from the trailing convergence occurring on Saturday (31st).

Seas: The wind waves in the open waters to the near east and northeast of Trinidad and Tobago are expected to be generally between 2.0m and 2.5m for this outlook period, peaking near 2.5m on Tuesday (27th). Extended analysis is indicating that the wind wave heights are likely to be mostly near 2.0m for the seven (7) days following this outlook period, dropping to near 1.5m on Wednesday (04th).

Wind: The near surface to the mid-level wind over Trinidad and Tobago and the Windward Islands is expected to be mostly 20kt to 25kt, occasionally 25kt to 30kt, at 2000ft to 5000ft, and coming generally from the east to east-northeast for this outlook period. Extended analysis for the following seven (7) days after this outlook period shows no significant change except for a slight shift in direction to be coming generally from the east to east-southeast.

Dust: Presently there is a high concentration of Saharan dust in the atmosphere. The outlook is for the dust concentration to remain generally high (with occasional fluctuations to moderate) for this outlook period.

Persons sensitive to the increased concentrations of dust in the atmosphere are advised to take the necessary precautions!

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



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