



## 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:

12<sup>th</sup> – 16<sup>th</sup> August 2025

DATE: 11/08/2025

ISSUANCE TIME: 12:00pm

### Brief Synopsis

#### Synopsis and 5-day outlook

A trough or tropical wave is expected on Tuesday (12th) and will likely produce partly cloudy conditions, with a low to medium chance of an isolated heavy shower and a low chance of an isolated thunderstorm, favouring Trinidad.

A weak low-level trough across Trinidad and Tobago and the Windward and southern Leeward Islands from Wednesday (13th) into Thursday (14th) is likely to produce partly cloudy periods, with a low to medium chance for isolated heavy showers or a medium to high chance for an isolated thunderstorm favouring Trinidad, mainly on Thursday (14th).

Weak southerly winds are expected on Friday (15th) and Saturday (16th), and they will likely pull equatorial moisture across Trinidad and Tobago and the Windward Islands. Combined with sunshine, daytime heating, and local dynamics, these conditions will create the potential for the development of isolated heavy showers or an isolated thunderstorm.

### The 5 Day Outlook Period

**Tuesday (12th) Trinidad and Tobago:** It is likely to be partly cloudy periods with a few light or moderate showers interrupting some sunshine and a low to medium chance for an isolated heavy shower or a low chance for an isolated thunderstorm favouring Trinidad.

**The remainder of the Lesser Antilles:** Patches of cloudiness are likely to interrupt fair conditions with a few light or moderate showers over varying areas. There is a low chance for an isolated heavy shower to favour the central islands and near hilly areas.



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**Wednesday (13th) Trinidad and Tobago and the Windward Islands:** It is likely to be partly cloudy periods between mid-morning and mid-afternoon, with a few light to moderate showers in some areas. There will be a low chance for an isolated heavy shower to favour Tobago, northern or western Trinidad, and hilly areas.

**The remainder of the Lesser Antilles:** Patches of cloudiness are likely to interrupt fair conditions with a few light or moderate showers over varying areas and a low chance for an isolated heavy shower near hilly areas.

**Thursday (14th) Trinidad and Tobago:** Early morning cloudiness and showers are expected over eastern and south-eastern coastal and near offshore areas, with a medium chance of isolated heavy showers or an isolated thunderstorm. Otherwise, fair conditions expected in other areas. From late morning into the afternoon, there will be a medium to high chance of the development of isolated heavy showers or a thunderstorm, favouring northern, central, and western Trinidad.

**The remainder of the Lesser Antilles:** It is likely to be partly cloudy periods with light to moderate showers over varying areas and a medium chance for an isolated heavy shower.

**Friday (15th) Trinidad and Tobago and the Windward Islands:** Early morning patches of partly cloudy to cloudy conditions will develop over Tobago and the Windward Islands and are likely to produce some light to moderate showers over varying areas, with a low to medium chance of an isolated heavy shower or thunderstorm. From late morning into early afternoon, there will be a medium to high chance of the development of isolated heavy showers or a thunderstorm over Trinidad.

**The Leeward Islands:** Patches of cloudiness are likely to interrupt fair conditions with a few light or moderate showers over varying areas and a low to medium chance for an isolated heavy. There is a chance that weather conditions could deteriorate over the northern islands, and the winds are expected to be from the north-northeast and north because of the expected close proximity of a passing tropical cyclone, Erin.

**Saturday (16th) Trinidad and Tobago and the Windward Islands:** Partly cloudy to cloudy conditions are expected to produce some light to moderate showers over varying areas with a low to medium chance for an isolated heavy shower. From late morning into early afternoon, there is a medium to high chance for the development of isolated heavy showers or a thunderstorm favouring Trinidad.

**The Leeward Islands:** Closely passing tropical cyclone Erin is expected to bring winds from the north-northwest, west, southwest, and south, with convergent bands of cloudiness, showers, and thunderstorms, mainly over the northern islands.



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

#### **Tropical waves, troughs and disturbances:**

The axis of a low-level trough/wave (left in the wake of AL96) is now located near 59W and is moving at approximately 15kt. This, together with equatorial moisture, is likely to produce partly cloudy periods over Trinidad and Tobago tomorrow (Tuesday 12th), with a low to medium chance for an isolated heavy shower or a low chance for an isolated thunderstorm favouring Trinidad.

N.B. At 10:44 a.m. today, an area of low pressure (Invest AL97) developed into Tropical Storm Erin. Presently located near 17.4N 28.0W, Erin is projected to become a major hurricane as it passes to the near north of the Leeward Islands by Saturday (16th). The Trinidad and Tobago Meteorological Service will continue to closely monitor this system.

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

On Wednesday (13th), an area of moderate vorticity is likely to develop in the eastern tropical Atlantic. Present data and analysis indicates that this area is likely to reach the Lesser Antilles (mainly the Leeward Islands) as, at least, a tropical wave by Tuesday (19th).

On Saturday (16th), an area of low vorticity is likely to develop in the eastern tropical Atlantic. Present data and analysis indicates that this area is likely to reach the Lesser Antilles as a weak tropical wave from Wednesday (20th) into Thursday (21st) or be consumed by the wave/system ahead and produce increased trailing weather on Thursday (21st).

On Tuesday (19th), an area of moderate vorticity is likely to come off the West African coast. Present data and analysis indicate that it is possible for this area to develop into a cyclone, but its projected path is likely to take it towards the north-northeast or north by the time it reaches the central Atlantic before reaching the Lesser Antilles.

**Seas:** The wind waves in the open waters to the near east and northeast of Trinidad and Tobago are expected to be near 1.5m for this outlook period.

**Wind:** The wind in the near surface to the lower mid-level over Trinidad and Tobago and the Windward Islands (2000ft to 5000ft), is expected to be near 20kt until Wednesday (13th), after which it gradually reduces to near 5kt by Friday (15th). Between Thursday (14th) and Saturday (16th), the wind direction in the near surface to the lower mid-level is likely to be from between southeast and south-southwest.

Between Monday (11th) and Wednesday (13th), the wind speed at the 10,000ft level is expected to peak near 30kt.



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N.B. Surges in wind speed at the mid-level present the possibility for downdrafts to increase the surface to near-surface wind strength, especially in the event of deep convective activity (e.g., thunderstorms).

**Dust:** From tomorrow morning (Tuesday 12th) until Wednesday (13th) afternoon, the Saharan dust concentration is expected to be high, after which it remains mild to moderate for the remainder of this outlook period. 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**