

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Sunday, 15 December 2024 from the Hydrometeorological Service, Guyana



Rainfall records for the past 24 hours, measured at 08:00hrs Sunday, 15 December 2024 were available for most of the stations. **Arakaka in Region 1 recorded the highest rainfall of 60.0 mm.**

Marine Advisory: Residents of low-lying, riverine, and flood-prone areas are advised to take precautions against flooding as over-topping is likely due to spring tides.

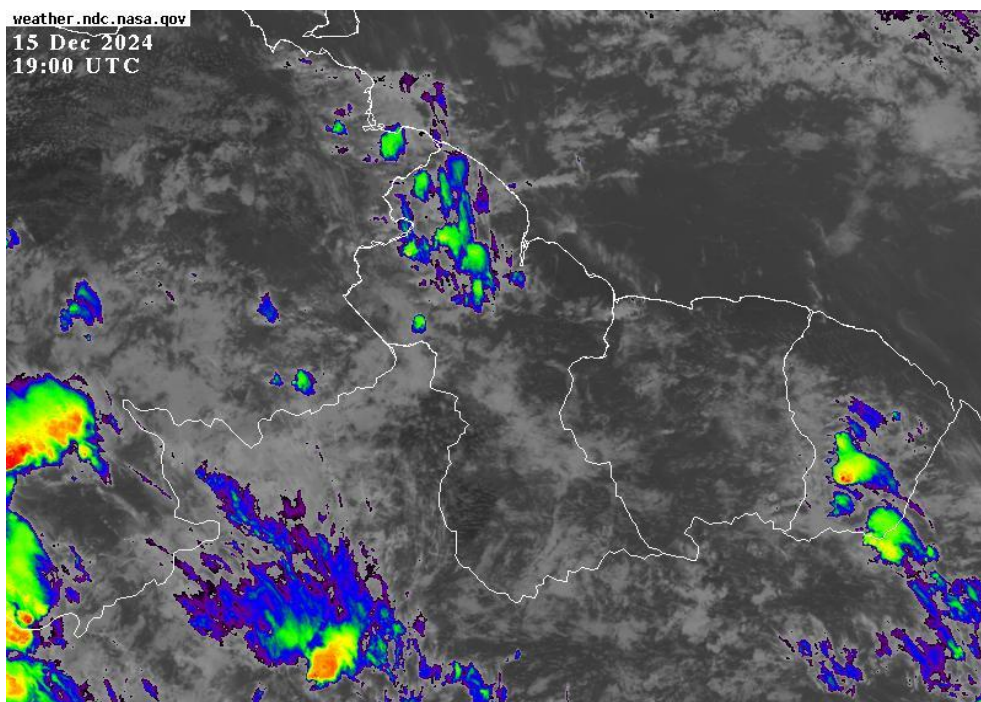
Synopsis: Weak low-level convergence and troughs produced very weak instabilities over inland and southern regions. As strong mid-upper-level wind shear, and ridging dominated most of the forecast area inhibiting deep convection and producing mostly stable conditions.

Today's weather review: Inland and southern regions observed partly cloudy to cloudy skies with brief showers. The remaining regions observed mostly fair skies.

Table # 1 Weather forecast for the next Twenty-four hours

Sunday, 15 December 2024 (19:00 hrs. – 07:00 hrs.)			Monday, 16 December 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
All regions.	 Rainfall between 0 & 10 mm.	Inland and southern regions can expect partly cloudy to cloudy skies with brief showers. The remaining regions can expect mostly fair skies in the early evening with morning cloudy spells and brief showers. Winds: Gentle to moderate breeze from the east. <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 19 °C – 23 °C	All regions.	 Rainfall between 0 & 10 mm.	Partly cloudy and sunny skies are likely across Guyana. Inland and southern regions can expect brief afternoon showers and elsewhere brief morning showers. Winds: Gentle to moderate breeze from the east. <u>Maximum temperatures:</u> Coast: 29 °C – 33°C Hinterland: 30 °C – 34 °C

The long-term daily average rainfall for Georgetown, for the next 10 days December 16 to 25, 2024, is 10.0 mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Sunday, 15 December 2024.

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Table # 2 Occurrences of high and low tides for the next 24 hours and the times for sunrise and sunset.

Tonight (December 15, 2024)	Morning (December 16, 2024)		Afternoon (December 16, 2024)
Low Tide 22:24hrs Tide Height 0.46m	<div style="background-color: yellow; display: inline-block; padding: 2px;">High Tide 04:53hrs Tide Height 2.80m</div> Low Tide 10:24hrs Tide Height 0.69m		<div style="background-color: yellow; display: inline-block; padding: 2px;">High Tide 16:24hrs Tide Height 3.03m</div>
Sunrise:	05:55hrs	Sunset:	17:39hrs

Spring Tide Advisory: The spring tide is in effect.

Sea conditions:

- Moderate seas from the northeast with swells reaching 2.0 to 2.5 meters in open waters.
- These waves will likely have periods of between 8 and 9 seconds.
- Gentle to moderate breeze from the east.

Extended Forecast

Tuesday through Thursday: Cloudy to overcast skies with frequent light to heavy showers and rain. Isolated to scattered thundershowers are likely over coastal regions in the morning and elsewhere in the afternoon. Rainfall is expected between 30 and 70 mm within 24 hours.

Friday: Southern regions 6 and 9 can expect partly cloudy skies with scattered showers. The remaining regions can expect cloudy to overcast skies with light to heavy showers, isolated thundershowers, and intermittent rain. Rainfall is expected between 20 and 60 mm within 24 hours.

Saturday: Region 8, Southern Regions 6, and 9 can expect partly cloudy skies with scattered showers. The remaining regions can expect cloudy skies with light to heavy showers and intermittent rain. Rainfall is expected between 15 and 40 mm within 24 hours.

For the Current Regional climate forecast please see the latest Seasonal Climate Outlook which is available on Hydrometeorological Service’s website <https://hydromet.gov.gy>

An update in the bulletin is provided daily by the Hydromet Service.

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