

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Saturday, 04 May 2024 from the Hydrometeorological Service, Guyana



Rainfall records for the past 24 hours, measured at 08:00hrs Saturday, 04 May 2024 were available for most of the stations **De Edward Village in Region 5 recorded the highest rainfall of 87.4 mm.**

Severe Weather Warnings: Given that the soil may have already been saturated, the current weather pattern and forecasted conditions will likely result in and/or exacerbate flooding in low lying, and areas of poor drainage. In areas of thundershowers lightning strikes, and heavy winds will be observed, and possible landslides over hilly regions. Persons should exercise caution in efforts to safeguard life and property. Drivers and other road users are asked to exercise caution as roads become slippery during showers and visibility is reduced during heavy downpours.

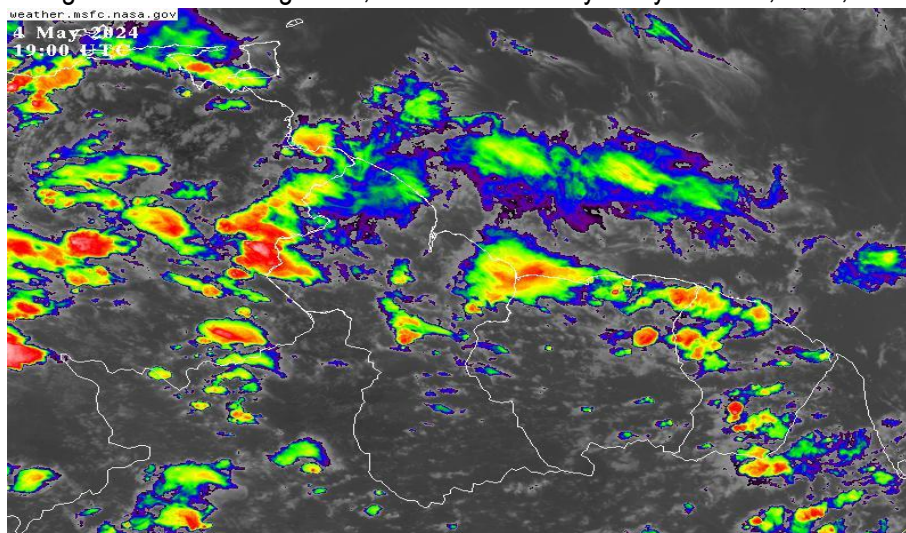
Synopsis: Deep-layered moisture, surface-to-lower atmosphere troughs, and confluence with mid-upper divergence produced instabilities over the forecast area. Dynamical models indicate similar conditions for the next 12 to 24 hours.

Today's weather review: Mainly overcast skies with thundershowers and rain were observed over northern regions of Guyana. All remaining southern regions observed partly cloudy to cloudy skies with occasional showers and isolated thundershowers.

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

Saturday, 04 May 2024 (19:00 hrs. – 07:00 hrs.)			Sunday, 04 May 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
All regions.	 Rainfall between 40 & 80 mm.	Overcast skies with continuous rain and moderate to heavy thundershowers are likely across Guyana. These conditions are likely to have a higher impact on coastal Guyana during the early morning hours. <u>Winds:</u> Gentle to moderate breeze from the east. Gusting before and during heavy downpours/thundershowers. <u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 19 °C – 23 °C	All regions.	 Rainfall between 40 & 80 mm.	Overcast skies with frequent to continuous rain and scattered thundershowers are likely across Guyana. <u>Winds:</u> Gentle to moderate breeze from the east. Gusting before and during heavy downpours/thundershowers. <u>Maximum temperatures:</u> Coast: 27 °C – 30°C Hinterland: 26 °C – 29 °C

The long-term daily average rainfall for Georgetown, for the next 10 days May 04 to 13, 2024, is 7.9 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00hrs) on 04 May 2024.

Our Mission: To Observe, archive and understand Guyana's weather, and Climate and provide meteorological, hydrological and oceanographic service in support of Guyana's national needs and international obligation.

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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 (May 04, 2024)	Tomorrow Morning (May 05, 2024)		Tomorrow Afternoon (May 05, 2024)
Low Tide 19:15 Tide Height 0.75m	High Tide 01:40hrs Tide Height 2:96m Low Tide 07:51 Tide Height 0.66m		High Tide 14:12hrs Tide Height 2:93m
Sunrise:	05:36hrs	Sunset:	17:59hrs

Spring Tide Advisory: The spring tide is in effect and will continue until May 11, 2024.

Sea conditions:

- Moderate seas from the east with swells reaching 2.0 to 2.5 meters in open waters.
- These waves will likely have periods of between 7 and 8 seconds.
- Moderate breeze from the east.

Extended Forecast

Monday, Tuesday, Wednesday, and Friday: Inland and southern regions can expect cloudy to overcast skies with intermittent to frequent rain and scattered thundershowers. Rainfall is expected between 20 mm and 50 mm within 24 hours. All the remaining regions can expect partly cloudy to cloudy skies with occasional showers and isolated thundershowers. Rainfall is expected between 10 mm and 20 mm within 24 hours.

Thursday: Cloudy to overcast skies with intermittent to frequent rain and scattered thundershowers are likely across Guyana. Rainfall is expected between 20 mm and 50 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.

Meteorologist: Doodnauth Ramlakhan