

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Wednesday, 15 May 2024 from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday, 15 May 2024 were available for most of the stations. **National Weather Watch Centre at Timehri in Region 4 recorded the highest rainfall of 75.2 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.

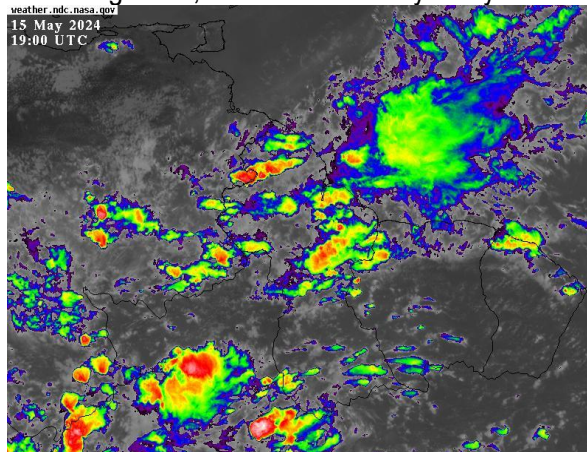
Synopsis: Deep-layered moisture associated with surface-to-mid atmosphere troughs, and confluence produced instabilities over the forecast area. Dynamical models indicate similar conditions for the next 4 days, with a significant increase in moisture and instabilities from Friday through Sunday.

Today's weather review: Cloudy to overcast skies dominated across most of the forecast area. Southern regions 6 and 9 observed intermittent rain and isolated thundershowers in the afternoon. All remaining regions observed intermittent to frequent rain, and showers, and isolated to scattered thundershowers.

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

Wednesday, 15 May 2024 (19:00 hrs. – 07:00 hrs.)			Thursday, 16 May 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions	Cloudy to overcast skies are likely across Guyana. Inland and southern regions can expect frequent rain with isolated to scattered thundershowers, all remaining regions can expect frequent showers and intermittent rain.	Regions	Weather Conditions	Inland and southern regions can expect cloudy to overcast skies with frequent to continuous rain and scattered thundershowers. All the remaining regions can expect cloudy skies with occasional to frequent showers and intermittent rain.
Inland & Southern regions.	 Rainfall between 20 & 50 mm.	<u>Winds:</u> Gentle to moderate breeze from the east. Gusting before and during heavy downpours/thundershowers.	Inland & Southern regions.	 Rainfall between 30 & 80 mm.	<u>Winds:</u> Gentle to moderate breeze from the east. Gusting before and during heavy downpours/thundershowers.
All other regions.	 Rainfall between 5 & 25 mm	<u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 19 °C – 23 °C	All other regions.	 Rainfall between 10 & 30 mm.	<u>Maximum temperatures:</u> Coast: 27 °C – 30°C Hinterland: 27 °C – 30 °C

The long-term daily average rainfall for Georgetown, for the next 10 days May 15 to 24, 2024, is 10.3 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00hrs) on 15 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 15, 2024)	Tomorrow Morning (May 16, 2024)		Tomorrow Afternoon (May 16, 2024)
High Tide 23:26hrs Tide Height 2:35m	Low Tide 04:54 Tide Height 1.32m High Tide 10:39hrs Tide Height 2:29m		Low Tide 17:43 Tide Height 1.29m
Sunrise:	05:34hrs	Sunset:	18:01hrs

Spring Tide Advisory: The spring tide is not 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 7 and 8 seconds.
- Moderate breeze from the east.

Extended Forecast

Friday through Sunday: Inland and southern regions can expect cloudy to overcast skies with frequent to continuous rain and scattered thundershowers. **Rainfall is expected between 30 mm and 80 mm within 24 hours.** All the remaining regions can expect cloudy skies with occasional to frequent showers and intermittent rain. **Rainfall is expected between 10 mm and 30 mm within 24 hours.**

Monday and Tuesday: Inland and southern regions can expect cloudy skies with intermittent rain, showers and isolated thundershowers. **Rainfall is expected between 20 mm and 45 mm within 24 hours.** All the remaining regions can expect partly cloudy to cloudy skies with occasional morning showers. **Rainfall is expected between 5 mm and 20 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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