

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE



Weather Brief for Sunday, 21 July 2024 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Sunday, 21 July 2024 were available for most of the stations. **Annai in Region 9 recorded the highest rainfall of 84.9 mm**

Synopsis: With the ITCZ north of Guyana, weak to moderate instabilities within a steady and consistent southerly wind flow remain over Guyana.

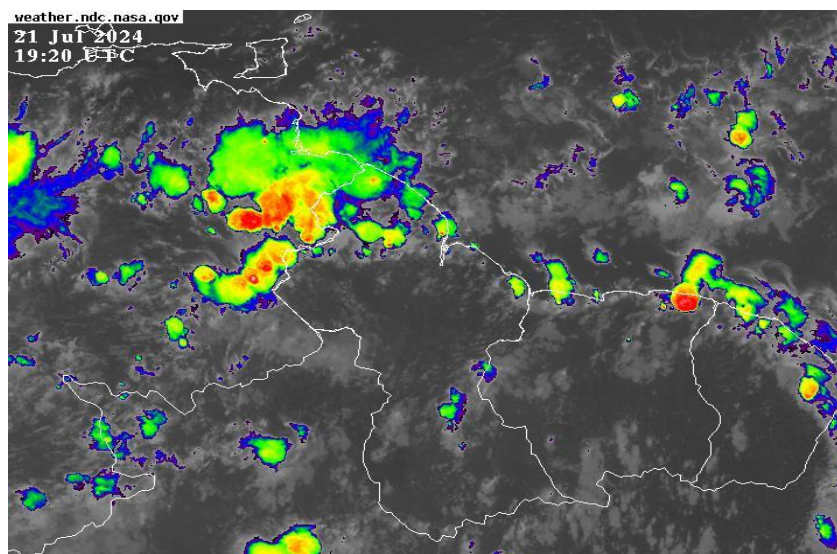
Today's weather review: Cloudy to overcast skies with thundershowers and rain were observed over regions 1 to 2. All other regions saw fair to occasionally cloudy skies with isolated and brief passing showers.

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

Sunday, 21 July 2024 (19:00 hrs. – 07:00 hrs.)			Monday, 22 July 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 0 to 15 mm.	Mostly fair skies can be expected throughout Guyana becoming cloudy over regions 1 to 6 in the early morning with scattered showers and isolated thundershowers. <u>Winds:</u> Light to moderate southeast to south-westerly breeze. <u>Minimum temperatures:</u> Coast: 23 °C – 25 °C Hinterland: 21 °C – 23 °C	Regions 1 to 10	 Rainfall between: 5 to 25 mm	Mostly fair to cloudy skies can be expected throughout Guyana with brief to scattered showers and isolated thundershowers in the late morning into early afternoon. <u>Winds:</u> Gentle to moderate southeast to southerly breeze. <u>Maximum temperatures:</u> Coast: 30 °C – 32 °C Hinterland: 32 °C – 34 °C

The long-term daily average rainfall for Georgetown, for the next 10 days July 22 to July 31, 2024, is 7.4 mm per day.

Severe Weather Warnings: **Areas with thundershowers may experience heavy winds and lightning strikes. Persons should exercise caution in efforts to safeguard life and property.**



Infrared Satellite image valid 19:20 UTC (15:20 hrs) Sunday, 21 July 2024.

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

Tonight (July 21, 2024)	Tomorrow Morning (July 22, 2024)		Tomorrow Afternoon (July 22, 2024)
Low Tide 22:17 hrs, Height 0.82 m	High Tide 04:30 hrs, Height 3.11 m Low Tide 10:49 hrs, Height 0.31 m		High Tide 17:07 hrs, Height 2.94 m
Sunrise:	05:44 hrs	Sunset:	18:11 hrs

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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SPRING TIDE ADVISORY: Persons are advised that the spring tide advisory is in effect until Saturday, July 27, 2024

Sea conditions:

Smooth in open water with wave heights reaching 0.5 to 1.5 meters (2 to 4 ft) and steady.

- These waves will likely have periods of between 5 and 7 seconds.
- Gentle easterly winds.

Extended Forecast

Tuesday and Wednesday: Cloudy skies with occasional to frequent morning showers. Thundershowers are likely in coastal areas in the early afternoon. **Rainfall is expected between 20 to 40 mm.**

Thursday and Friday: early morning thundershowers and rain over southern Guyana. Elsewhere will see occasional showers. **Rainfall is anticipated between 20 to 50 mm within 24 hours of accumulations. The highest values are expected over southern Guyana.**

Saturday: mainly sunny skies with isolated showers and thundershowers in the early afternoon. **Rainfall is expected between 0 to 10 mm.**

For the Regional climate forecast please see Guyana's Seasonal Climate Outlook July to September 2024 produced by the Climatological section of the Hydrometeorological Service and available on the website: <http://hydromet.gov.gy/weather/seasonal-outlook/>

Update in the bulletin is provided daily by the Hydromet Service: www.hydromet.gov.gy
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