

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE



Weather Brief for Monday, 22 April 2024 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Monday, April 22, 2024, were available for most of the stations. **Karadarnaua in Region 9 recorded the highest rainfall of 21.5 mm.**

Synopsis: A low-level trough is currently affecting Guyana; another is expected from late evening into early morning hours. Thereafter, stable conditions can be expected over northern Guyana and southern Guyana will continue to see unstable conditions with low-level troughs passing through.

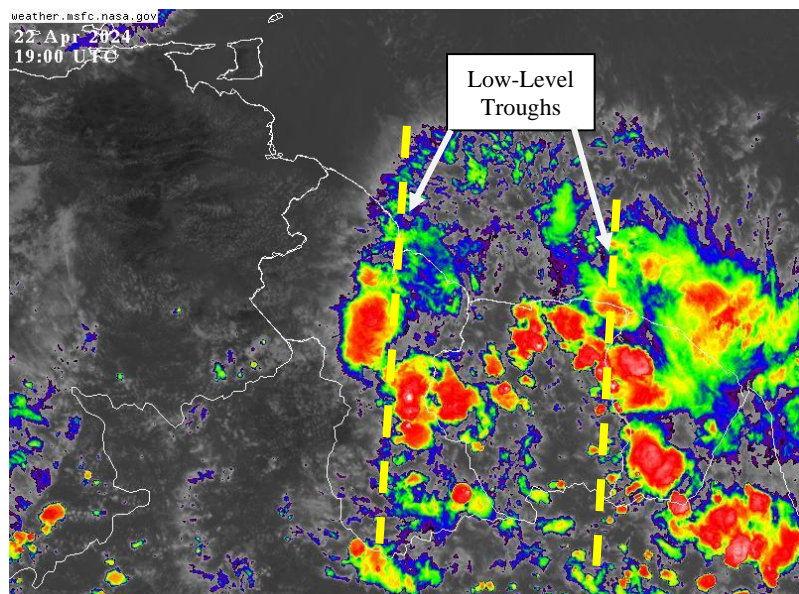
Today's weather review: Regions 1 and 2 saw mostly fair to sunny skies. All other regions saw mostly cloudy to overcast skies with frequent showers and isolated thundershowers from late morning into the afternoon.

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

Monday, 22 April 2024(19:00 hrs. – 07:00 hrs.)			Tuesday, April 23, 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 10 to 40 mm with the maximum over regions 9 and 10	Mostly cloudy skies will continue across Guyana with light to moderate showers during the early evening hours. During the early morning hours, skies will become increasingly overcast with moderate to heavy showers and thundershowers in some areas. <u>Winds:</u> Gentle easterly breeze becoming windy before and during heavy downpours and thundershowers. <u>Minimum temperatures:</u> Coast: 22 °C – 24°C Hinterland: 20 °C – 22 °C	Regions 1 to 10	 Rainfall between 5 to 10 mm over regions 1 to 3 and between 20 to 60 mm elsewhere, the highest over regions 8, 9, and 10.	Mostly cloudy to overcast skies can be expected throughout Guyana with frequent showers and isolated thundershowers over regions 5 to 10 during the morning into early afternoon. Regions 1 to 4 will see brief to scattered showers. Rainfall intensities are expected to be mostly moderate to heavy during the morning and gradually decrease into the afternoon becoming mostly light. <u>Winds:</u> Gentle easterly to southeasterly breeze becoming windy before and during heavy downpours and thundershowers. <u>Maximum temperatures:</u> Coast: 29 °C – 31 °C Hinterland: 27 °C – 29 °C

The long-term daily average rainfall for Georgetown, for the next 10 days April 23 to May 2, 2024, is 6.1mm per day.

Severe Weather Warnings: **In areas of thundershowers, heavy winds and lightning strikes may be observed.**



Infrared Satellite image valid 19:00 UTC (15:00 hrs) 22 April 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 (April 22, 2024)	Tomorrow Morning (April 23, 2024)		Tomorrow Afternoon (April 23, 2024)
Low Tide 21:32 hrs, Height 0.89 m	High Tide 03:44 hrs, Height 2.90 m Low Tide 09:51 hrs, Height 0.55 m		High Tide 15:57 hrs, Height 2.82 m
Sunrise:	05:40 hrs	Sunset:	17:59 hrs

SPRING TIDE ADVISORY: Citizens are advised that the spring tide advisory is in effect. Spring tides coupled with high waves may lead to overtopping of the river and sea defense vulnerable areas. All necessary precautions should be taken.

Sea conditions:

Moderate in open water with swells ranging from 1.5 to 2.0 meters (5 to 7 ft) and increasing.

- These waves will likely have periods of between 6 and 7 seconds.
- Moderate to fresh northeast to easterly winds.

Extended Forecast

Wednesday: Cloudy to overcast skies with showers and thundershowers over southern Guyana. All other areas will see mostly fair with a mix of clouds and a few light showers. **Rainfall between 20 to 60 mm over southern Guyana, elsewhere between 0 to 10 mm.**

Thursday to Sunday: Mostly fair and sunny with a mix of clouds and brief showers during the early afternoon. **Rainfall between 0 to 10 mm.**

For the Regional climate forecast please see Guyana's Seasonal Climate Outlook April to June 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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