

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Monday, 16 December 2024 from the Hydrometeorological Service, Guyana.

Rainfall records for the past 24 hours, measured at 08:00hrs Monday, 16 December 2024 were available for most of the stations.



Grass Hook in Region 5 recorded the highest rainfall of 30.2 mm.

Synopsis: Weak and shallow instabilities are affecting Guyana. A surface trough is expected to pass over Guyana during the next 12 to 18 hours generating moderate to isolated strong instabilities. Thereafter, ITCZ will gradually regenerate itself across Guyana.

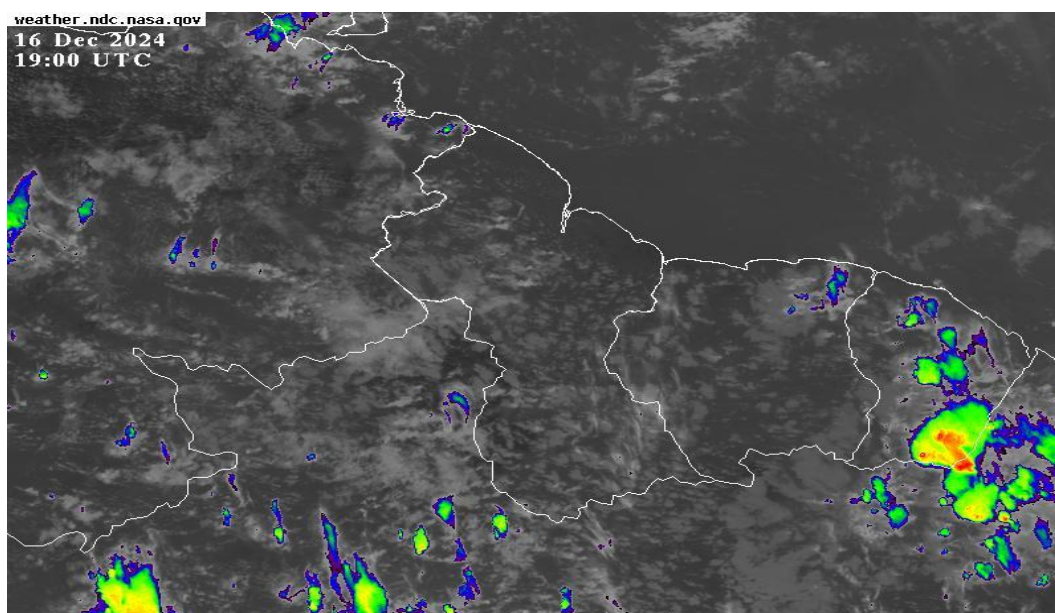
Today's weather review: Mostly sunny with a few clouds and passing showers.

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

Severe Weather Warnings: Heavy winds and possible lightning strikes may be observed in areas with thundershowers. Persons should exercise caution in efforts to safeguard life and property.

Monday, 16 December 2024 (19:00 hrs. – 07:00 hrs.)			Tuesday, 17 December 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall: 0 and 20 mm over region 1, elsewhere, no significant rainfall is likely.	Fair skies can be expected throughout Guyana tonight. In the early morning, coastal areas will see cloudy skies with brief passing showers. Isolated thundershowers are likely over region 1. <u>Winds:</u> Gentle to moderate northeasterly to southeasterly breeze. <u>Minimum temperatures:</u> Coast: 23 °C – 25 °C Hinterland: 20 °C – 22 °C	Regions 1 to 10	 Rainfall between: 10 to 40 mm	Mostly cloudy skies will continue across Guyana with scattered to occasional showers over coastal areas in the morning. In the afternoon occasional to frequent showers and isolated thundershowers can be expected over inland and southern Guyana. <u>Winds:</u> Moderate Northeasterly to Easterly breeze. <u>Maximum temperatures:</u> Coast: 29 °C – 32 °C Hinterland: 28 °C – 30 °C

The long-term daily average rainfall for Georgetown, for the next 10 days December 17 to December 26, 2024, is 10.1 mm per day.



Infrared Satellite image valid 19:00 UTC (15:00 hrs) Monday, 16 December 2024.

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

Tonight (December 16, 2024)	Tomorrow Morning (December 17, 2024)	Tomorrow Afternoon (December 17, 2024)
Low Tide 23:10 hrs, Height 0.50 m	High Tide 05:39 hrs, Height 2.77 m Low Tide 11:09 hrs, Height 0.73 m	High Tide 17:08 hrs, Height 2.98 m
Sunrise:	05:56 hrs	Sunset: 17:39 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 and will continue until Thursday, December 19, 2024.

MARINE ADVISORY: Spring tides coupled with high-energy and long-period waves can cause overtopping and possible damage to vulnerable areas of the river and sea defense. People are asked to take the necessary precautions against possible flooding.

Sea conditions:

Moderate in open waters with swells ranging from 1.5 to 2.5 meters (4 to 7ft) and increasing.

- These waves will likely have periods of between 7 and 12 seconds.
- Gentle to moderate Easterly winds.

Extended Forecast

Wednesday to Sunday: Mostly cloudy skies with scattered showers and isolated thundershowers. Rainfall is anticipated between 10 to 25 mm within 24 hours of accumulations.

For the Regional climate forecast please see Guyana's Seasonal Climate Outlook December 2024 to February 2025 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
Meteorologist: [E. McPherson](#)