

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Friday, 11 October 2024 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Friday, 11 October 2024 were available for most of the stations. **Mabaruma in Region 1 recorded the highest rainfall of 19.1 mm.**





Severe Weather Advisory: Areas with thundershowers will experience lightning strikes and strong winds. Persons are asked to take the necessary precautions to safeguard life and property.

Marine Advisory: Scattered showers and isolated thunderstorms. Long-period waves will likely result in damage to river and sea defenses. All marine users are asked to exercise caution during this time.

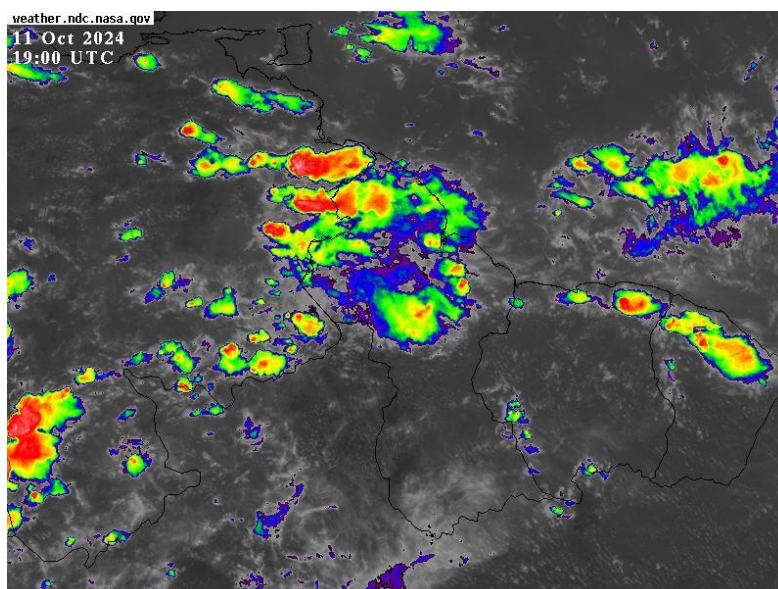
Synopsis: Moisture plumes advected from the ITCZ enhanced surface-to-lower atmospheric troughs and confluence-produced instabilities.

Today's weather review: Regions 1 to 4, 7, 8, and 10 observed cloudy skies with light to moderate showers and isolated thundershowers. All the remaining regions observed partly cloudy and sunny skies.

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

Friday, 11 October 2024 (19:00 hrs. – 07:00 hrs.)			Saturday, 12 October 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1, 7 & 8.	 Rainfall between: 5 & 15 mm.	Cloudy skies with scattered showers and thundershowers are likely over regions 1, 7, and 8 during the early evening becoming mostly fair afterward. All remaining areas can expect mainly fair skies. <u>Winds:</u> Gentle to moderate easterly breeze. Strong winds and lightning strike in areas of thundershowers.	Inland areas of regions 1 to 5, 7 & 10.	 Rainfall between: 5 & 20 mm.	Mainly fair and sunny skies are likely to prevail across Guyana. However inland areas of regions 1 to 5, 7, and 10 can expect scattered showers and isolated thundershowers in the afternoon. <u>Winds:</u> Gentle to moderate easterly breeze. Strong winds and lightning strike in areas of thundershowers.
All other areas.	 No significant rainfall.	<u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 19 °C – 23 °C	All other areas	 No significant rainfall.	<u>Maximum temperatures:</u> Coast: 30 °C – 34°C Hinterland: 31 °C – 36 °C

The long-term daily average rainfall for Georgetown, for the next 10 days October 12 to 21, 2024, is 2.9 mm per day.



Infrared Satellite and Radar images valid 19:10 UTC (15:10hrs) Friday, 11 October 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 (October 11, 2024)	Tomorrow Morning (October 12, 2024)		Tomorrow Afternoon (October 12, 2024)
High Tide 22:58hrs Tide Height 2.42m	Low Tide 05:17hrs Tide Height 1.03m		High Tide 12:02hrs Tide Height 2.31m Low Tide 17:51hrs Tide Height 1.34m
Sunrise:	05:38hrs	Sunset:	17:37hrs

Spring Tide Advisory: Citizens are advised that the spring tide advisory 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 9 and 11 seconds.
- Gentle to moderate easterly breeze.

Extended Forecast

Sunday through Thursday: Mainly fair and sunny skies are likely to prevail across Guyana. However inland areas of regions 1 to 5, 7, and 10 can expect scattered showers and isolated thundershowers in the afternoon. **Rainfall is expected between 5 and 20 mm over inland areas of regions 1 to 5, 7, and 10, and elsewhere no significant rainfall is expected 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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