

**HYDROMETEOROLOGICAL SERVICE**  
**MINISTRY OF AGRICULTURE**

**Weather Brief for Wednesday, 18 December 2024 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday, 18 December 2024 were available for most of the stations. **No. 73 Village in Region 6 recorded the highest rainfall of 23.2 mm.**





**Severe Weather Advisory:** Heavy winds and lightning strikes are likely in areas with thundershowers. Persons should exercise caution in efforts to safeguard life and property.

**Marine Advisory:** Residents of low-lying, riverine, and flood-prone areas are advised to take precautions against possible flooding due to over-topping and damage to river and sea defense caused by rough seas and high energy waves.

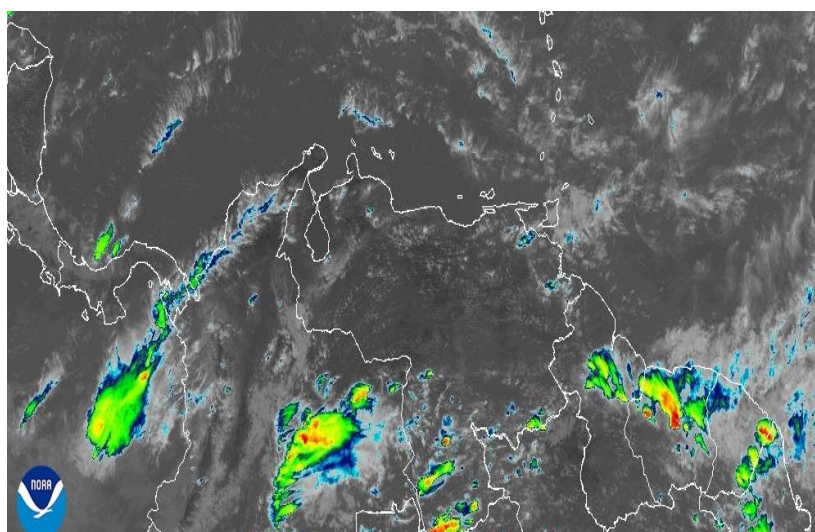
**Synopsis:** Weak mid-low-level troughs produced mild to moderate instabilities over inland regions. The remaining regions are dominated by mid-upper-level wind shear, and ridging producing mostly stable conditions.

**Today's weather review:** Southern parts of regions 4 to 5, northern Region 6, regions 7 and 10 observed partly cloudy to cloudy skies with occasional to frequent showers and isolated thundershowers. The remaining regions observed partly cloudy and sunny skies with brief showers.

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

Wednesday, 18 December 2024 (19:00 hrs. – 07:00 hrs.)			Thursday, 19 December 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Inland and southern regions.	 Rainfall between 5 & 20 mm.	Inland and southern regions can expect cloudy skies with occasional showers and isolated thundershowers. The remaining regions can expect partly cloudy skies with scattered morning showers.	Regions 7, 8 & 10.	 Rainfall between 10 & 30 mm.	Mostly cloudy skies with frequent showers and isolated thundershowers are likely over regions 7, 8, and 10. All remaining regions can expect partly cloudy and sunny skies with scattered morning and afternoon showers.
Other regions.	 Rainfall between 0 & 10 mm.	<u>Winds:</u> Gentle to moderate breeze from the northeast to the east. <b>Gusting before and during thundershowers.</b>  <u>Minimum temperatures:</u> Coast: 22 °C – 26°C Hinterland: 19 °C – 24 °C	Other regions.	 Rainfall between 0 & 15 mm.	<u>Winds:</u> Gentle to moderate breeze from the east. <b>Gusting before and during thundershowers.</b>  <u>Maximum temperatures:</u> Coast: 29 °C – 33°C Hinterland: 30 °C – 34 °C

The long-term daily average rainfall for Georgetown, for the next 10 days December 19 to 28, 2024, is 9.9 mm per day.



18 Dec 2024 19:30Z - NOAA/NESDIS/STAR - GOES-East - Band 13 - CAR

Infrared Satellite and Radar images valid 19:30 UTC (15:30hrs) Wednesday, 18 December 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 (December 18, 2024)	Morning (December 19, 2024)		Afternoon (December 19, 2024)
-----	Low Tide 00:36hrs Tide Height 0.72m  High Tide 07:06hrs Tide Height 2.63m		Low Tide 12:42hrs Tide Height 0.93m
Sunrise:	05:57hrs	Sunset:	17:40hrs

**Spring Tide Advisory:** The spring tide is not in effect.

**Sea conditions:**

- Rough seas from the north to the northeast with swells reaching 2.5 to 3.0 meters in open waters.
- These waves will likely have periods of between 10 and 12 seconds.
- Gentle to moderate breeze from the northeast to the east.

**Extended Forecast**

**Friday through Sunday:** Mostly cloudy skies with frequent showers and isolated thundershowers are likely over regions 7, 8, and 10. All remaining regions can expect partly cloudy and sunny skies with scattered morning and afternoon showers. Rainfall is expected between 10 and 30 mm over regions 7, 8, and 10, and elsewhere between 0 and 15 mm within 24 hours.

**Monday and Tuesday:** Cloudy skies with light to moderate showers and intermittent rain. Rainfall is expected between 20 and 45 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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