

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Friday, 20 December 2024 from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00hrs Friday, 20 December 2024 were available for most of the stations. **Supernaam Forestry in Region 2 recorded the highest rainfall of 33.4 mm.**

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.

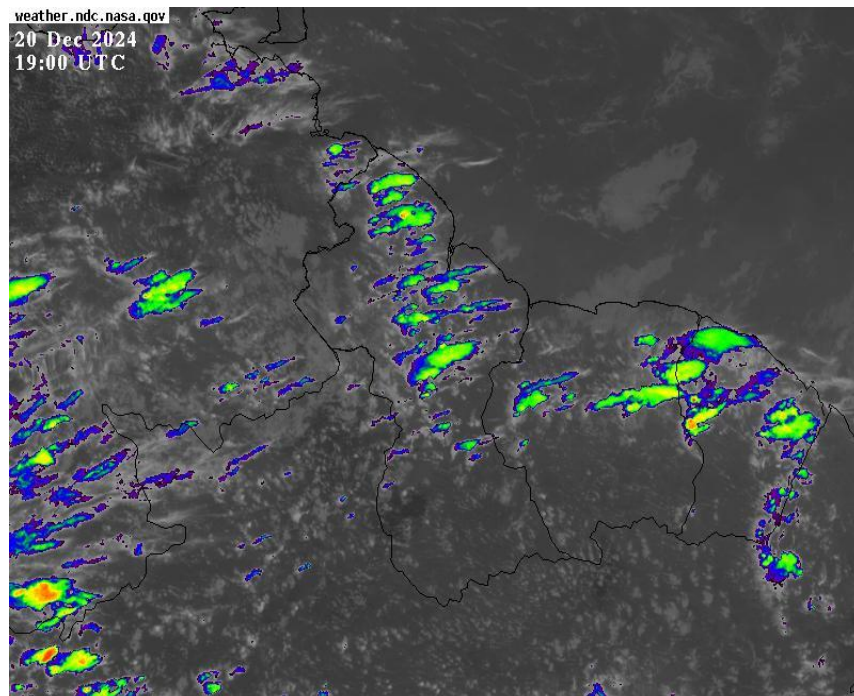
Synopsis: Continued weak mid-low-level troughs produced mild to moderate instabilities over the forecast area.

Today's weather review: Partly cloudy to cloudy skies were observed across Guyana. Coastal regions observed scattered showers while remaining regions observed occasional to frequent showers with isolated thundershowers.

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

Friday, 20 December 2024 (19:00 hrs. – 07:00 hrs.)			Saturday, 21 December 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Inland and southern regions.	 Rainfall between 5 & 15 mm.	Inland and southern regions can expect partly cloudy to cloudy skies with occasional showers. The remaining regions can expect partly cloudy skies with brief morning showers. <u>Winds:</u> Moderate to fresh breeze from the east.	Inland and southern regions.	 Rainfall between 5 & 25 mm.	Inland and southern regions can expect partly cloudy to cloudy skies with frequent showers and isolated thundershowers. The remaining regions can expect partly cloudy skies with scattered morning showers.
Other regions.	 Rainfall between 0 & 5 mm.	<u>Minimum temperatures:</u> Coast: 22 °C – 26°C Hinterland: 19 °C – 24 °C	Other regions.	 Rainfall between 0 & 10 mm.	<u>Winds:</u> Gentle to moderate breeze from the east. Gusting before and during thundershowers. <u>Maximum temperatures:</u> Coast: 28 °C – 32 °C Hinterland: 29 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days December 21 to 30, 2024, is 9.9 mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Friday, 20 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.

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

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

Tonight (December 20, 2024)	Morning (December 21, 2024)		Afternoon (December 21, 2024)
High Tide 19:19hrs Tide Height 2.56m	Low Tide 01:57hrs Tide Height 1.04m High Tide 08:43hrs Tide Height 2.43m		Low Tide 14:27hrs Tide Height 1.16m
Sunrise:	05:58hrs	Sunset:	17:41hrs

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

Sea conditions:

- Moderate to rough seas from the northeast with swells reaching 2.5 to 3.0 meters in open waters.
- These waves will likely have periods of between 9 and 10 seconds.
- Moderate to fresh breeze from the east.

Extended Forecast

Sunday through Thursday: Inland and southern regions can expect partly cloudy to cloudy skies with frequent showers and isolated thundershowers. The remaining regions can expect partly cloudy skies with scattered morning showers. **Rainfall is expected between 5 and 25 mm over inland and southern regions, and the remaining regions between 0 and 10 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.

Meteorologist: Doodnauth Ramlakhan

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.