

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Saturday, 21 September 2024 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Saturday, 21 September 2024 were available for most of the stations. **Port Kaituma in Region 01 recorded the highest rainfall of 13.9 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: Persons of low-lying, riverine and flood prone areas are advised to take the necessary precautions against flooding as over-topping is likely.

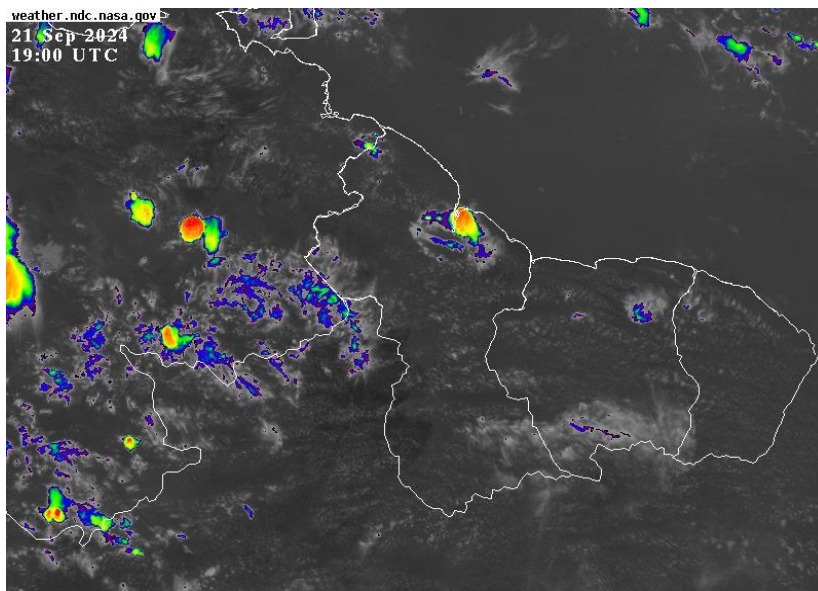
Synopsis: Continual divergence in the lower levels of the atmosphere coupled with subsidence and ridging throughout the other levels of the atmosphere generated mainly stable conditions.

Today's weather review: Inland parts of regions 1 to 4 and 7 observed mostly fair skies in the morning interrupted by afternoon cloudy spells with brief showers and isolated thundershowers. All remaining areas observed mostly fair and sunny skies.

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

Saturday, 21 September 2024 (19:00 hrs. – 07:00 hrs.)			Sunday, 22 September 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Inland regions.	 Rainfall between: 0 & 10 mm.	Inland regions can expect partly cloudy skies during the early evening with isolated thundershowers and showers becoming mostly fair afterward. All remaining regions can expect fair skies. <u>Winds:</u> Gentle to moderate from the east. Strong winds and lightning strike in areas of thundershowers.	Regions 7, 8, 10 & inland parts of regions 1 to 6.	 Rainfall between: 5 & 15 mm.	Mainly sunny skies are likely to prevail across Guyana. However, regions 7, 8, 10 and inland parts of regions 1 to 6 can expect afternoon brief showers and isolated thundershowers. <u>Winds:</u> Gentle to moderate from the east. Strong winds and lightning strike in areas of thundershowers.
All other regions.	 No significant rainfall.	<u>Minimum temperatures:</u> Coast: 22 °C – 26°C Hinterland: 19 °C – 24 °C	All other regions.	 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 September 22 to October 01, 2024, is 2.6 mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Saturday, 21 September 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.

Tomorrow Morning (September 22, 2024)	Tomorrow Afternoon (September 22, 2024)		Tomorrow Evening (September 22, 2024)
Low Tide 00:38hrs Tide Height 0.51m High Tide 07:01hrs Tide Height 2.82m	Low Tide 12:43hrs Tide Height 0.68m		High Tide 18:43hrs Tide Height 2.95m
Sunrise:	05:40hrs	Sunset:	17:47hrs

Spring Tide Advisory: Citizens are advised that the spring tide advisory is in effect.

Sea conditions:

- Slight seas from the northeast with swells reaching 1.0 to 1.5 meters in open waters.
- These waves will likely have periods of between 6 and 8 seconds.
- Gentle to moderate breeze from the east.

Extended Forecast

Monday through Friday: Mainly sunny skies are likely to prevail across Guyana. However, regions 7, 8, 10 and inland parts of regions 1 to 6 can expect afternoon brief showers and isolated thundershowers. Rainfall is expected between 5 and 15 mm over regions 7, 8, 10 and inland parts of regions 1 to 6. In all remaining areas, 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.

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.