

HYDROMETEOROLOGICAL SERVICE MINISTRY OF AGRICULTURE





WEATHER BRIEF for Wednesday, November 17, 2021 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hr Wednesday, November 17, 2021, were available for most of the stations. **The highest rainfall recorded was 101.4mm at Varsallies in Region 3.**

Synopsis: A lower atmospheric trough was analysed over Guyana today. This system along with shallow atmospheric moisture produced weak instability for most of the day. Strong vertical shear and a dry mid to upper atmosphere inhibited the development of deep convective weather.

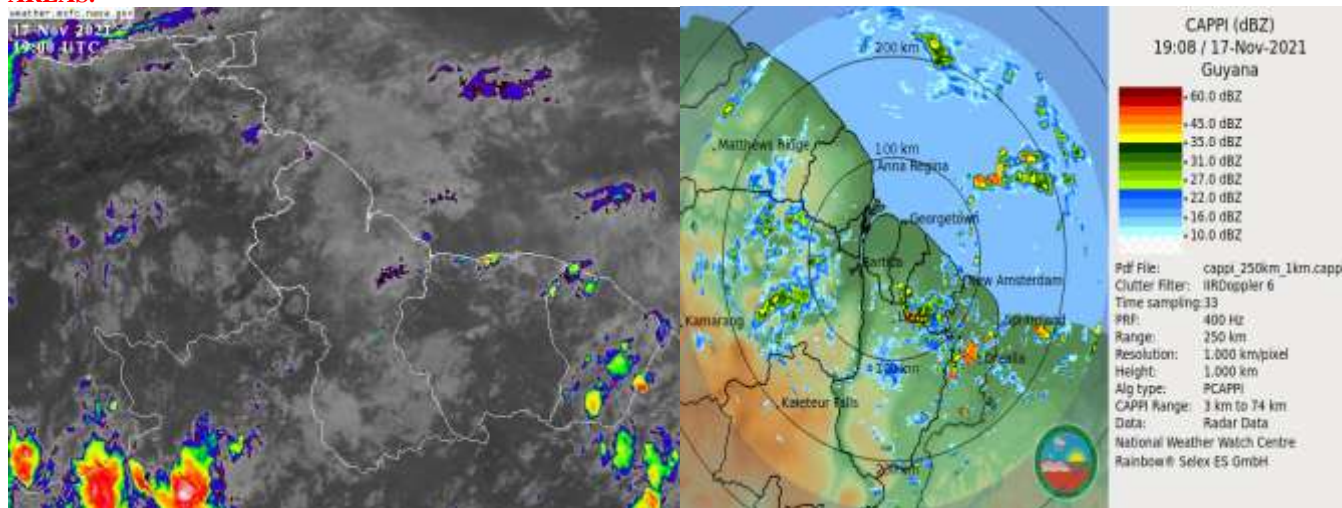
Today's weather review: Cloudy to overcast skies with intermittent to frequent rain and scattered light to moderate showers were observed over the forecast area today.

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

Wednesday November 17, 2021 (19:00 hrs. – 07:00 hrs.)			Thursday November 18, 2021 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 2 to 6 and 10	 Rainfall between: 15.0 mm to 30.0 mm.	Cloudy to overcast skies are likely to persist throughout Guyana tonight. Intermittent to frequent rain and light showers may be seen over all regions. Regions 1 and 7 to 9 may also observe isolated moderate to heavy showers. <u>Winds:</u> North-easterly to easterly between 2 m/s to 4 m/s.	Northern Guyana	 Rainfall between: 5.0 mm and 15.0 mm	Northern Guyana may observe partly cloudy to cloudy skies. Scattered showers are expected predominantly during the morning hours. Southern Guyana can expect mostly cloudy skies becoming occasionally overcast. These areas may also experience frequent rain and light to moderate showers. <u>Winds:</u> North-easterly to south-easterly between 3 m/s and 7 m/s, becoming gusty before and during showers.
All other areas	 Rainfall between: 25.0 mm to 50.0 mm.	<u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 18 °C – 22 °C	Southern Guyana	 Rainfall between: 20.0 mm and 40.0 mm	<u>Maximum temperatures:</u> Coast: 30 °C – 32°C Hinterland: 28 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, November 17, 2021 to November 26, 2021 is 6.5mm per day.

Severe Weather Warnings: FORECAST WEATHER CONDITIONS MAY EXACERBATE OR LEAD TO FLOODING OF LOW LYING AREAS.



Infra-red Satellite and Radar images valid 19:10 UTC (15:10hrs) Wednesday November 17, 2021

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

Tonight (November 17, 2021)	Tomorrow Morning (November 18, 2021)	Tomorrow Afternoon (November 18, 2021)
Low Tide 21:13hrs Height 0.73m	High Tide 03:31hrs Tide Height 2.79m ABOVE NORMAL Low Tide 09:17hrs Tide Height 0.76m	High Tide 15:19hrs Tide Height 2.87m ABOVE NORMAL
Sunrise:	05:42 hrs.	Sunset: 17:31 hrs.

HIGH TIDE ADVISORY: Citizens are advised that above normal high tide advisory is in effect.

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Sea conditions: MODERATE TO ROUGH SEAS WITH NORTH TO NORTHEASTERLY WAVES REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS.

- These waves are likely to have periods of between 12 and 14 seconds.*
- Winds are expected to be northerly to north-easterly between 6 to 10 m/s.*

Extended Forecast

*Friday thru' Tuesday: Mostly cloudy skies are expected throughout Guyana during this period. These conditions may be accompanied by intermittent to frequent rain and light to moderate showers. Coastal Guyana may experience its precipitation during the evening to mid-morning hours and during the afternoon and evening over the rest of the country. Between **20 mm and 45 mm** rainfall is expected along the coast and between **20 mm and 60 mm** elsewhere.*

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>

Update in the bulletin is provided daily by the Hydromet Service
Specialist Meteorologist: L. Alves

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