

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE

WEATHER BRIEF for Monday November 7, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Monday November 7, 2022 were available for most of the stations.




Mahdia in Region 8 recorded the highest rainfall of 53.0mm.

Synopsis: The ITCZ continues to generate moderate to strong convective just off the coast and over coastal Guyana. All other areas continue to see a confluent southerly wind flow which further supports a scattered distribution of precipitation. Atmospheric conditions are expected to remain unchanged over the next 3 days, after which weak to mild stability can be expected.

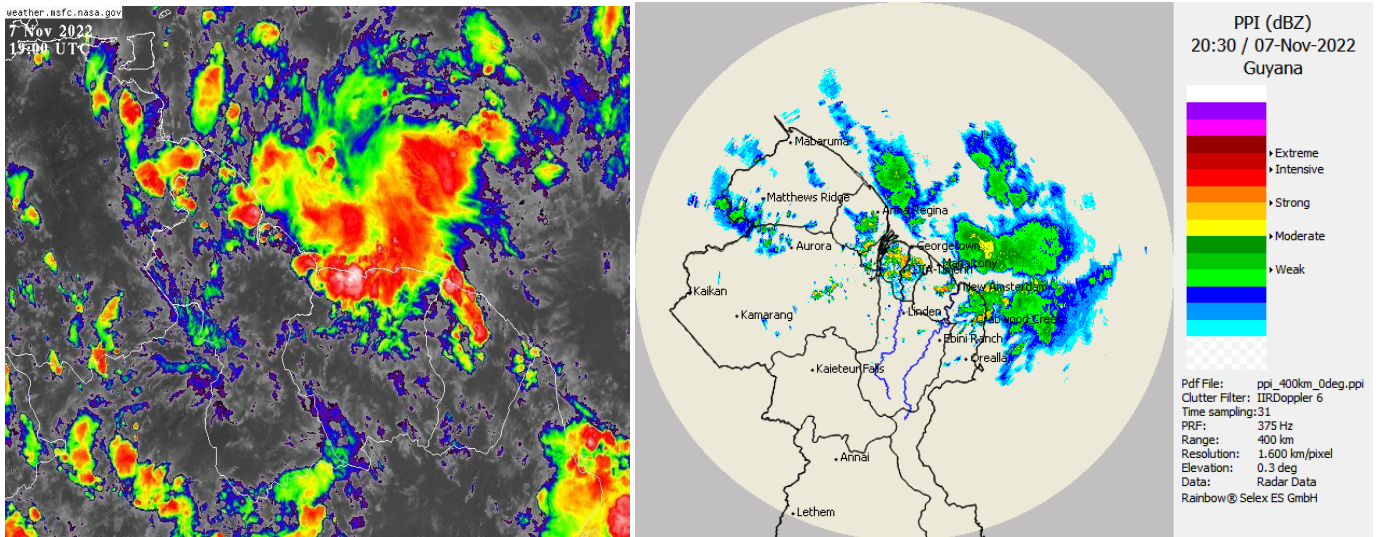
Today's weather review: Throughout Guyana saw mostly cloudy to overcast skies with thundershowers and showers over coastal areas. All other areas saw thundershowers during the morning hours and gradual improvements in the afternoon.

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

Severe Weather Warnings: HEAVY WINDS AND LIGHTNING STRIKES CAN BE EXPECTED IN AREAS WITH THUNDERSHOWERS. HILLY AREAS MAY EXPERIENCE LANDSLIDES. PERSONS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD LIFE AND PROPERTY.

Monday November 07 2022 (19:00 hrs. – 07:00 hrs.)			Tuesday November 08 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal Guyana	 Rainfall between: 20 mm to 40 mm.	Cloudy to overcast skies will continue throughout Guyana with frequent showers and thundershowers over coastal area during the evening hours. Conditions are expected to gradually improve in the early morning hours. All other areas will see scattered to occasional showers. <u>Winds:</u> mostly light becoming windy before and during heavy downpours and thundershowers.	Regions 1 to 10	 Rainfall between: 25 mm and 40 mm	Cloudy to overcast skies will continue throughout Guyana with intermittent to frequent showers and isolated thundershowers. <u>Winds:</u> mostly light becoming windy before and during heavy downpours.
All other areas	 Rainfall between: 10 mm to 20 mm.	<u>Minimum temperatures:</u> Coast: 22 °C – 24°C Hinterland: 20 °C – 22 °C			<u>Maximum temperatures:</u> Coast: 29 °C – 31 °C Hinterland: 30 °C – 32 °C

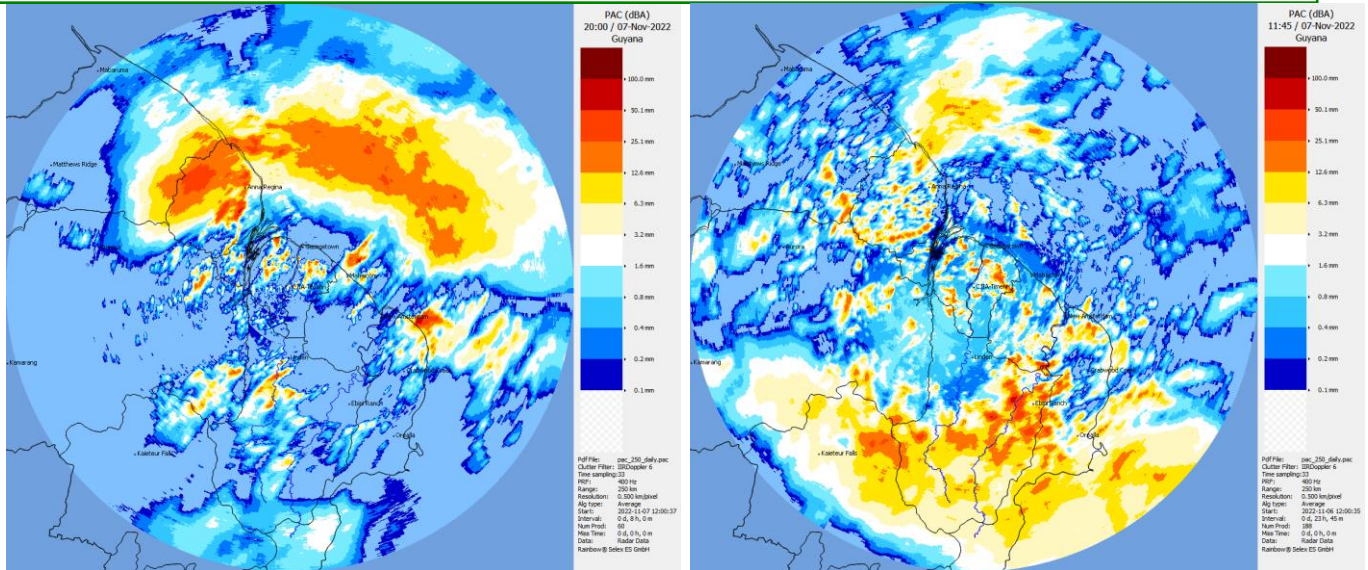
The long-term daily average rainfall for Georgetown, for the next 10 days November 8 to November 17, 2022 is 4.6 mm per day.



Infrared Satellite and Radar images valid 19:10 UTC (15:10hrs) Monday November 7, 2022.

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Radar generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 15 hrs, November 7, 2022.

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

Tonight (November 7, 2022)	Tomorrow Morning (November 8, 2022)		Tomorrow Afternoon (November 8, 2022)
Low Tide 21:33 hrs Height 0.59 m	High Tide 03:54 hrs Height 2.91 m		High Tide 15:44 hrs Height 3.01 m Above normal
Sunrise:	05:40 hrs	Sunset:	17:30 hrs

HIGH TIDE ADVISORY: Persons are reminded of the above normal high tide's advisory, which will remain in effect until Friday November 11, 2022. With the current above normal high tide, over-topping of river and sea defence are likely in vulnerable areas. Persons are asked to take necessary precautions to safeguard life and property.

Sea conditions: MODERATE SEAS WITH NORTHEASTERLY SWELLS REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS.

- These waves are likely to have periods of between 8 and 14 seconds.
- Winds are expected to be easterly to south easterly between 5 m/s to 8 m/s

Extended Forecast

Wednesday and Thursday: Mostly cloudy skies with intermittent showers. Thundershowers are likely in the afternoon. Rainfall is expected between 20.0 mm to 40.0 mm within a 24 hours' period

Friday thru Monday: Northern Guyana will see mostly cloudy skies with occasional to intermittent showers and isolated areas of thundershowers. Rainfall is anticipated between 10 mm to 20 mm within a 24 hours' period.

Tuesday and Wednesday: Mostly overcast skies with frequent thundershowers and rain. Rainfall is anticipated between 40 mm to 80 mm within a 24 hours' period.

For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook November to January 2023 produced by the Climatological section of the Hydrometeorological Service and available on the website: <http://hydromet.gov.gy/weather/seasonal-outlook/>

Update in the bulletin is provided daily by the Hydromet Service: www.hydromet.gov.gy/
Meteorologist: E. McPherson

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