

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE

WEATHER BRIEF for Saturday November 12, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Saturday November 12, 2022 were available for most of the stations.




Bee Hive in Region 4 recorded the highest rainfall of 34.0 mm.

Synopsis: A Low to mid-level Trough is currently affecting the forecast area. This trough is embedded in deep atmospheric moisture and is being enhanced by strong upper level diffluenting. Models show some a significant reduction in moisture for most of the new week over southern Guyana. Across northern Guyana however, the existing pattern is expected to continue, however, there are some indications of the frequencies of rainfall being reduced, due to decreasing low level moisture, however, with high moisture values at the mid-levels, heavy cloudiness will be most common.

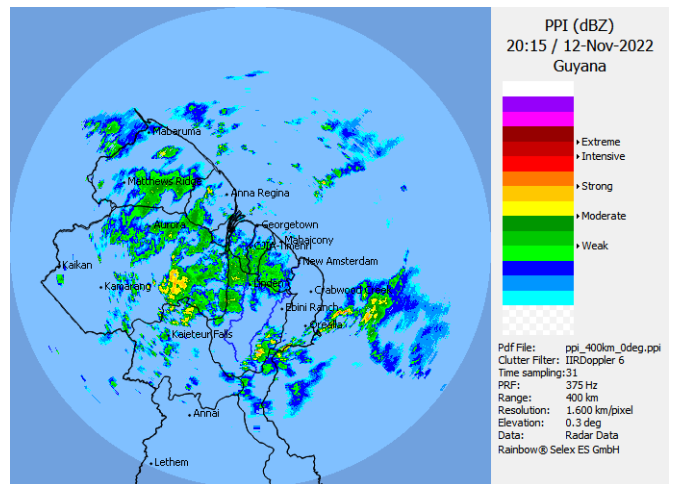
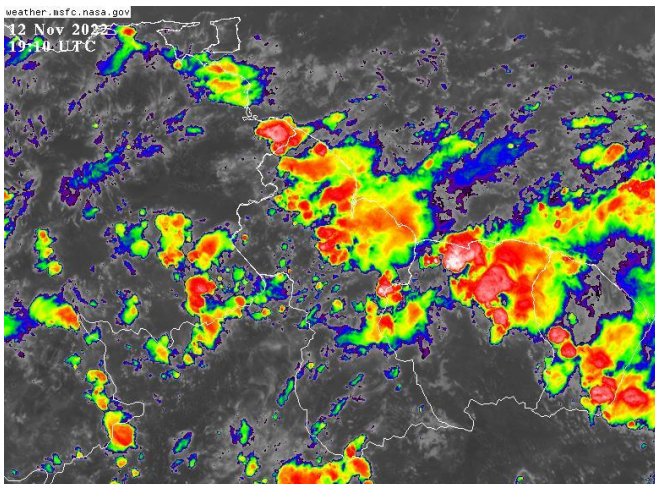
Today's weather review: Regions 1 to 6 and 10 saw moderate to heavy thundershowers and frequent rain throughout the morning and into the afternoon. All other areas saw fair and sunny skies during the morning hours and showers and thundershowers developing in the afternoon.

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. Persons are asked to take necessary precautions to safeguard life and property.

Saturday November 12, 2022 (19:00 hrs. – 07:00 hrs.)			Sunday November 13, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 10 mm to 25 mm.	Cloudy to overcast skies will continue throughout Guyana with intermittent showers and isolated thundershowers. <u>Winds:</u> mostly light becoming windy before and during heavy downpours and thundershowers. <u>Minimum temperatures:</u> Coast: 23 °C – 25°C Hinterland: 20 °C – 23 °C	Regions 1 to 5 and 10	 Rainfall between: 20 mm and 50 mm	Throughout Guyana will continue to see mostly cloudy skies. Coastal areas can expect scattered to frequent showers, with thundershowers over inland regions 2 to 5 from the late morning into afternoon. All other areas will see scattered showers and thundershowers in the mid to late afternoon.
			All other areas	 Rainfall between: 10 mm to 25 mm.	<u>Winds:</u> mostly light becoming windy before and during heavy downpours and thundershowers. <u>Maximum temperatures:</u> Coast: 27 °C – 29°C Hinterland: 29 °C – 31 °C

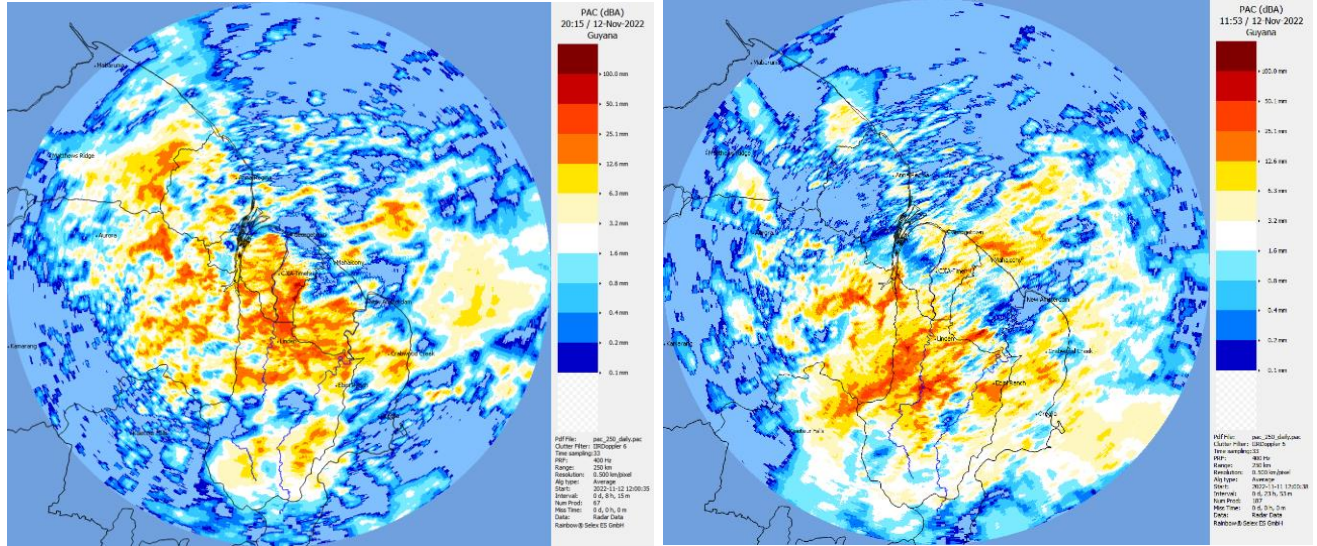
The long-term daily average rainfall for Georgetown, for the next 10 days November 13 to November 22, 2022 is 5.0 mm per day.



Infrared Satellite and Radar images valid 19:10 UTC (15:10 hrs) Saturday November 12, 2022.

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Radar generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 15 hrs, November 12, 2022.

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

Tonight (November 12, 2022)	Tomorrow Morning (November 13, 2022)		Tomorrow Afternoon (November 13, 2022)	
	Low Tide 00:40 hr Height 0.97 m		Low Tide 12:43 hrs Height 1.12 m	
	High Tide 07:11 hrs Height 2.36 m		High Tide 18:25 hrs Height 2.60 m	
Sunrise:	05:41 hrs	Sunset:	17:30 hrs	

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is not in effect.

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 9 seconds.
- Winds are expected to be easterly between 4 m/s to 6 m/s

Extended Forecast

Monday thru Thursday: Partly cloudy to cloudy skies can be expected across Guyana with intermittent showers and isolated thundershowers over northern Guyana. Southern Guyana will see mostly sunny skies with afternoon thundershowers. **Rainfall is expected between 10 mm to 30 mm within a 24 hours' period**

Friday: Cloudy to overcast skies throughout Guyana with frequent showers, rain and thundershowers. **Rainfall is anticipated between 30 mm to 60 mm, highest in coastal areas.**

For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook November 2022 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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