

***HYDROMETEOROLOGICAL SERVICE  
MINISTRY OF AGRICULTURE***

**WEATHER BRIEF for Thursday November 24, 2022 from the Hydrometeorological Service, Guyana**





**Severe Weather Warnings: ABOVE NORMAL HIGH TIDES COUPLED WITH MODERATE SEAS AND FORECAST CONDITIONS EXPECTING MORE RAINFALL, FLOODING IS VERY LIKELY OVER LOW LYING AND FLOOD PRONE AREAS WHICH MAY ALREADY BE SATURATED FROM PREVIOUS RAINFALL EVENTS. IN AREAS OF THUNDERSHOWERS, HEAVY WINDS AND POSSIBLE LIGHTNING STRIKES CAN BE EXPECTED. PERSONS ARE ASKED TO EXERCISE ALL PRECAUTIONARY MEASURES TO SAFEGUARD LIFE AND PROPERTY.**

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

**Wakapoa in Region 2 recorded the highest rainfall of 108.7 mm.**

**Synopsis: The atmosphere over most of the forecast area continues to remain very unstable. Troughing at the 850 mb combined with well-defined asymptotes of confluence at the 700 mb levels were analysed over the forecast area. Upper-level dynamics are also indicating strong support for these low-level features as strong divergence was observed. Atmospheric moisture throughout the atmosphere continues to remain high, as relative humidity was ranging between 90% to 100%. Atmospheric conditions are not expected to change for the next 12 to 24 hours. Rainfall is expected to decrease during the weekend but cloudy conditions will remain over the entire forecast area.**

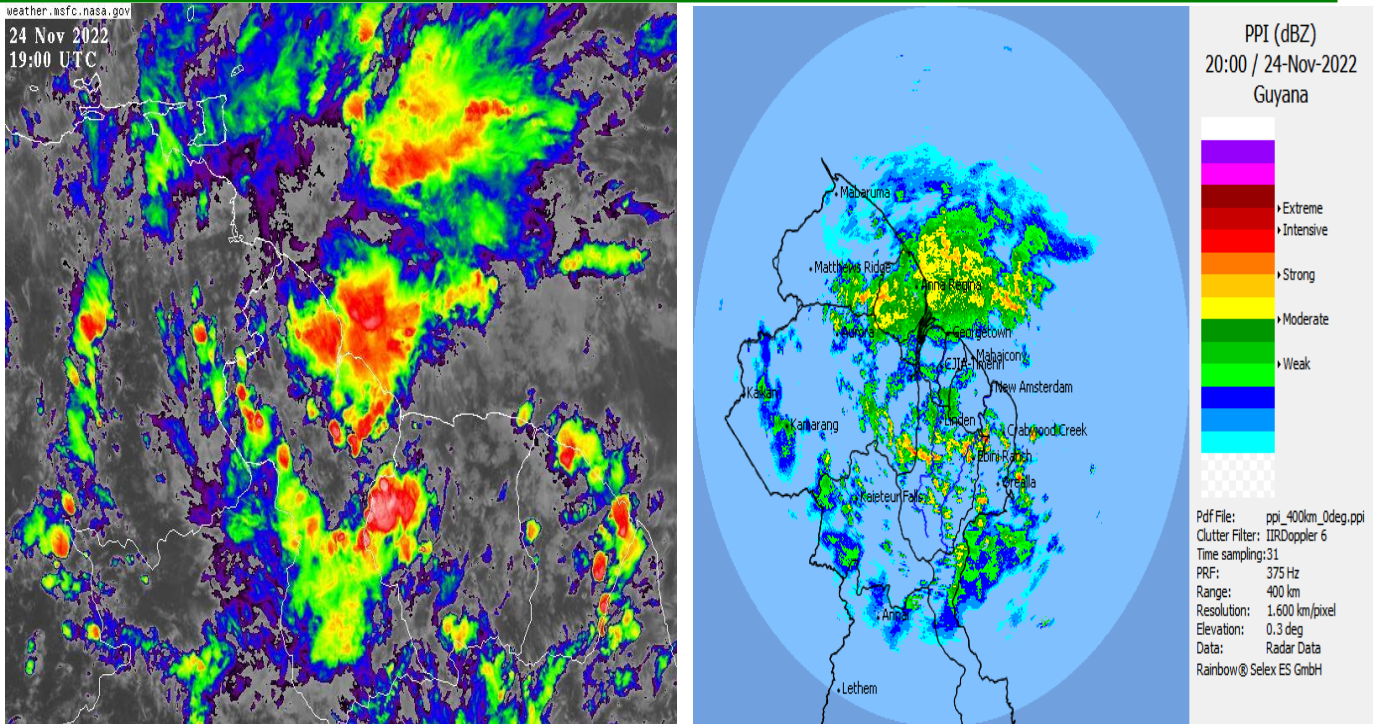
**Today's weather review: Mostly cloudy to overcast skies with scattered showers, continuous rain and isolated thundershowers were observed most of Guyana throughout the day.**

Thursday November 24, 2022 (19:00 hrs. – 07:00 hrs.)			Friday November 25, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Northern Guyana	 <b>Rainfall between: 20.0 mm to 50.0 mm with the highest rainfall expected over regions 1, 2 and 7</b>	<p>Mostly cloudy to overcast skies are expected to continue over Northern Guyana. These conditions are likely to be accompanied by scattered showers of varying intensities and continuous rain. Isolated thundershowers are also likely over areas along regions 1,2 and 7. Southern Guyana will likely experience cloudy skies with scattered showers and intermittent rain during the evening hours with improvements expected during the early morning hours.</p> <p><u>Winds:</u> Light to breezy at times with North-easterly winds at between 3 to 4 m/s. Gusting during thundershowers.</p> <p><u>Minimum temperatures:</u> Coast: 21 °C – 23°C Hinterland: 20 °C – 22 °C</p>	Northern Guyana	 <b>Rainfall between: 20.0 mm and 50.0 mm.</b>	<p>Cloudy to overcast skies with frequent showers and continuous rain can be expected over regions 1 to 7 and 10 during the morning hours. Isolated thundershowers can also be expected over regions 1 to 4 and 7. Southern Guyana will likely experience cloudy skies with scattered showers and isolated thundershowers from the mid-morning hours and continuing into the early afternoon hours.</p> <p><u>Winds:</u> Light conditions North-easterly to Easterly at between 3 to 4 m/s over Coastal Guyana. Gusting during thundershowers.</p> <p><u>Maximum temperatures:</u> Coast: 27 °C – 29°C Hinterland: 28 °C – 31 °C</p>
Southern Guyana	 <b>Rainfall between: 10.0 mm and 25.0 mm.</b>		Southern Guyana	 <b>Rainfall between: 15.0 mm and 35.0 mm.</b>	

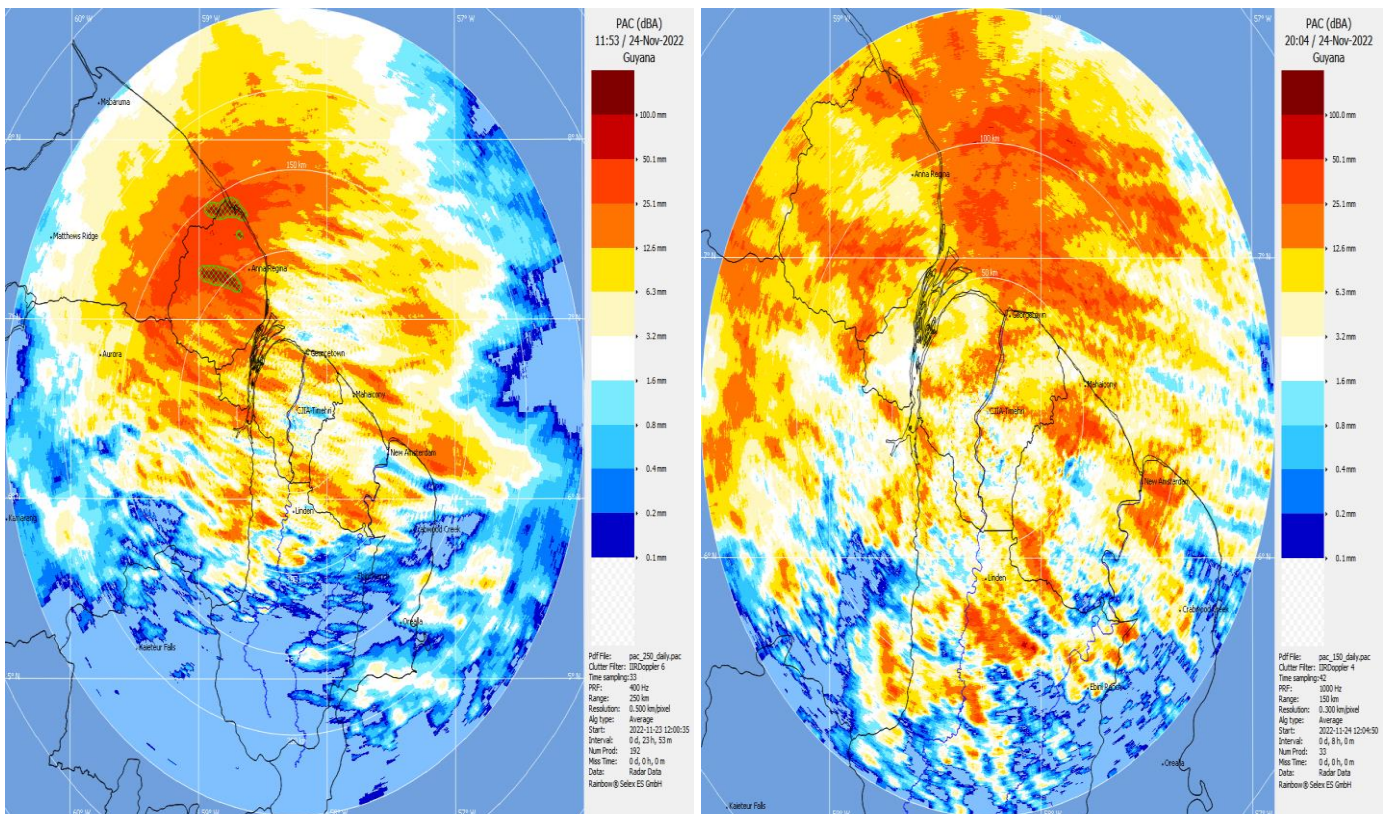
The long-term daily average rainfall for Georgetown, for the next 10 days November 24 to December 03, 2022 is 8.0 mm per day.

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**Infrared Satellite and Radar images valid 19:00 UTC (15:00 hrs) Thursday November 24, 2022.**



**Rainfall accumulation image taken at 1200 UTC and 2000 UTC**

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

Tonight (November 24, 2022)	Tomorrow Morning (November 25, 2022)	Tomorrow Afternoon (November 25, 2022)
Low Tide 22:35 hrs Tide Height 0.33 m	<b>High Tide 04:50 hrs</b> <b>Tide Height 2.86 m (above normal)</b>	<b>High Tide 16:55 hrs</b> <b>Tide Height 3.07 m (above normal)</b>
Sunrise:	05:44 hrs	Sunset: 17:31 hrs

**HIGH TIDE ADVISORY: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT AND WILL CONTINUE UNTIL MONDAY NOVEMBER 28, 2022. RESIDENTS OF LOW LYING, RIVERINE, AND FLOOD PRONE AREAS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS AGAINST FLOODING AS OVER-TOPPING IS LIKELY.**

**Sea conditions: MODERATE SEAS WITH NORTH-EASTERLY TO EASTERLY SWELLS REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 S AND 10 S. WINDS ARE EXPECTED TO BE NORTH-EASTERLY TO EASTERLY BETWEEN 7 M/S TO 10 M/S.**

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**Extended Forecast**

**Saturday and Sunday:** Cloudy skies are likely to continue over most of the forecast area. Scattered showers are likely to be accompanied by these conditions over Coastal Guyana during the morning hours and Inland and Hinterland areas during the afternoon hours. **Rainfall is expected between 10.0 mm to 30.0 mm within a 24 hours period.**

**Monday thru Wednesday:** Mostly cloudy skies becoming overcast at times with scattered showers of varying intensities and continuous rain are likely to be experience over regions 1 to 7 and 10. Isolated thundershowers are also likely to be experience over regions 1 to 3, 7 and 10. **Rainfall is expected between 30.0 mm to 60.0 mm within a 24 hours period with the highest expected over areas with thundershowers. All other areas can expect brief cloudy spells with scattered showers from the afternoon hours. Rainfall is expected between 5.0 mm to 20.0 mm within a 24 hours period.**

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

Meteorologist: S. Nanlall

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