

**HYDROMETEOROLOGICAL SERVICE**  
**MINISTRY OF AGRICULTURE**

**WEATHER BRIEF for Wednesday January 4, 2023 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday January 4, 2023 were available for most of the stations.





**Zeelandia in Region 3 recorded the highest rainfall of 80.1 mm.**

**Synopsis:** Low level trough embedded in deep moisture is currently affecting Guyana. This feature is being maintained and enhanced but the upper-level Trough and Jet. Forecast models shows the current dynamics remaining until late Thursday into early Friday.

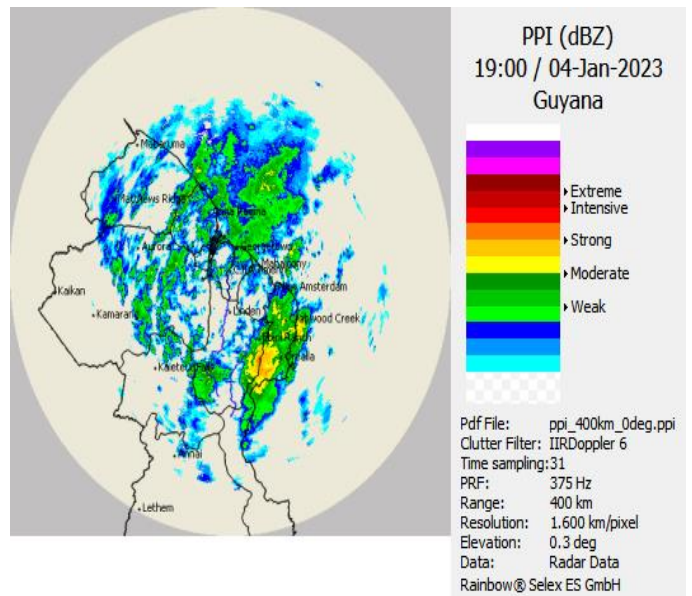
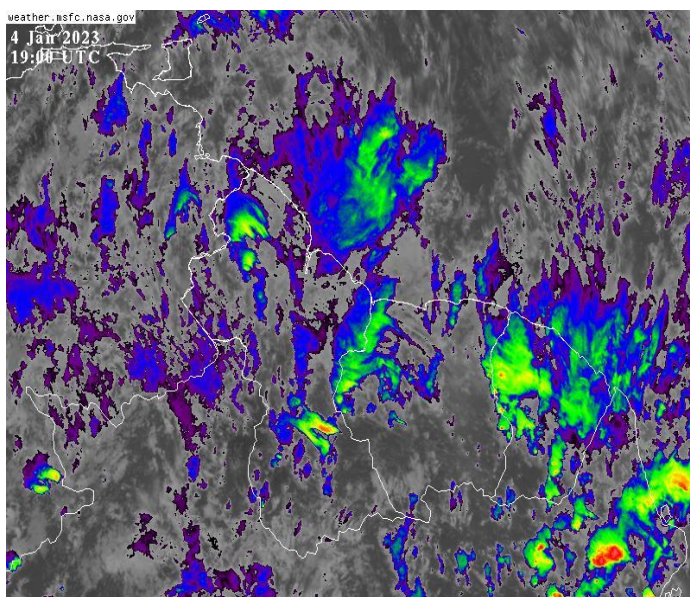
**Today's weather review:** Cloudy to overcast skies were observed throughout Guyana with intermittent to continuous rain and thundershowers over coastal areas and scattered to frequent showers over all other location.

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

**Severe Weather Warnings:** Soils may already be saturated and additional rainfall is highly likely to result in or exacerbate flooding in flood prone areas. Residents are asked to take necessary precautions to safeguard life and property.

Wednesday January 4, 2023 (19:00 hrs. – 07:00 hrs.)			Thursday January 5, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal Guyana	 Rainfall between: 20 mm to 50 mm.	Cloudy to overcast skies will continue throughout Guyana with light to moderate showers and rain. Rainfall intensities are expected to become moderate to heavy over coastal areas in the early morning hours.  <u>Winds:</u> mostly light becoming windy before and during heavy downpours.	Coastal Guyana	 Rainfall between: 30 mm and 60 mm	Cloudy to overcast skies will continue across Guyana with frequent showers and intermittent rain. Thundershowers may be observed in areas of regions 1 to 3 and southern 6.  <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	All other areas.	 Rainfall between: 10 mm to 25 mm.	<u>Maximum temperatures:</u> Coast: 27 °C – 29 °C Hinterland: 30 °C – 32 °C

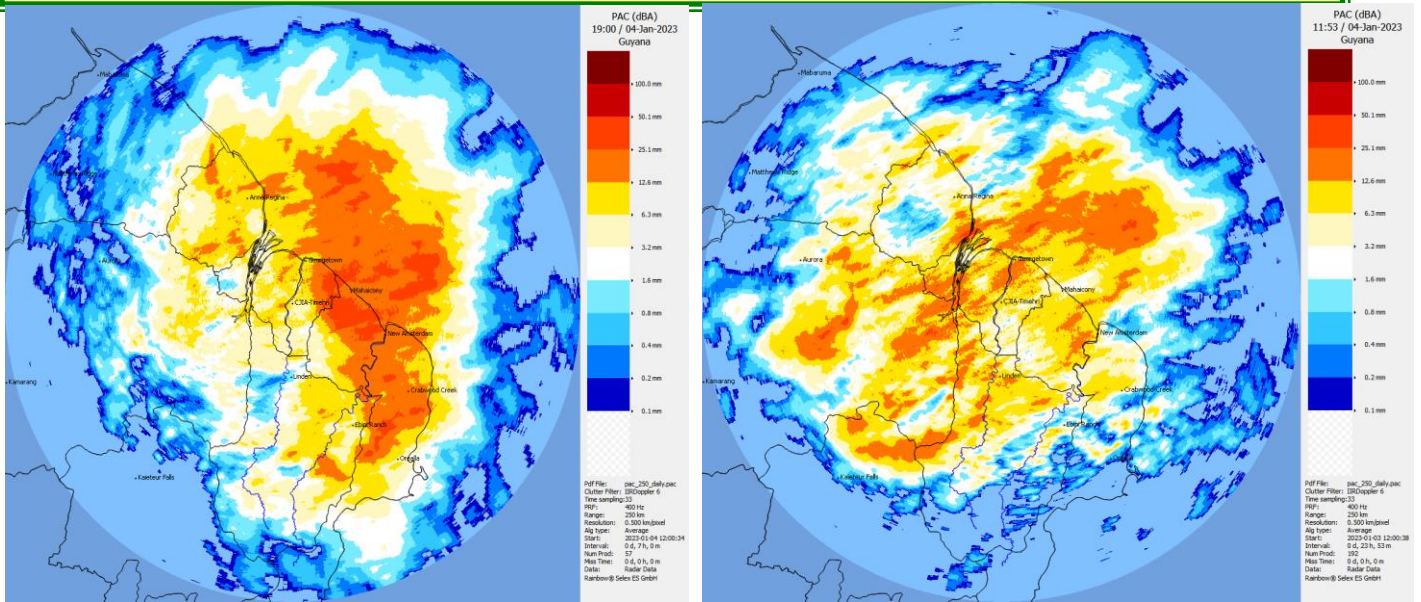
The long-term daily average rainfall for Georgetown, for the next 10 days January 5 to January 14, 2023 is 8.4mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00 hrs) Wednesday January 4, 2023.

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Radar generated precipitation estimates. eight- and twenty-four-hours rainfall valid 8 hrs and 15 hrs, January 4, 2023.

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

Tonight (January 4, 2023)	Tomorrow Morning (January 5, 2023)		Tomorrow Afternoon (January 5, 2023)
Low tide 21:08 hrs Height 0.76 m	High Tide 03:31 hrs Height 2.58m		High Tide 15:00 hrs Height 2.73 m
Sunrise:	06:03 hrs	Sunset:	17:50 hrs
	Low Tide 09:02 hrs Height 0.92 m		

**HIGH TIDE ADVISORY:** The next period of above normal high tides will begin from Friday January 6, 2023.

**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 7 and 8 seconds.
- Winds are expected to be north-easterly to easterly between 7 m/s to 10 m/s

**Extended Forecast**

**Friday:** Cloudy skies with occasional showers over coastal areas during the morning hours. All other areas will see mostly fair skies. **Rainfall is expected between 10 mm to 20 mm within a 24 hours period.**

**Saturday and Tuesday:** Cloudy to overcast skies with frequent showers and intermittent rain. Rainfall is anticipated between 20 mm to 50 mm within a 24 hours' period.

**Sunday and Monday,** coastal areas will see showers and thundershowers during the morning hours. All other areas will see mostly fair skies with a few passing showers. **Rainfall is anticipated between 10 mm to 30 mm over coastal areas and between 5 mm to 10 mm elsewhere.**

For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook January to March 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/](http://www.hydromet.gov.gy/)  
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