

***HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE***

WEATHER BRIEF for Monday January 04, 2021 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Monday January 04, 2021, were available for most of the stations. **The highest rainfall of 123.5 mm was record at Paradise in Region 2.**

Synopsis: As the shear line continues to be less defined across the area, a very moist atmosphere still remains in the wake of its passage. Strong vertical shear continues throughout the atmosphere inhibiting the development of deep convective clouds. Consensus of forecast models continue to show a slow but steady drying out of moisture over the next 3-4 days in the upper and lower atmosphere, however, in the mid-atmosphere, moisture seems to remain constant and as a result, mostly cloudy to overcast skies with significantly lesser rainfall amounts for the remainders of the week. By Saturday and Sunday, a surface trough will likely move through the area bringing more rainfall. Thereafter, you will see a return to much stable conditions.

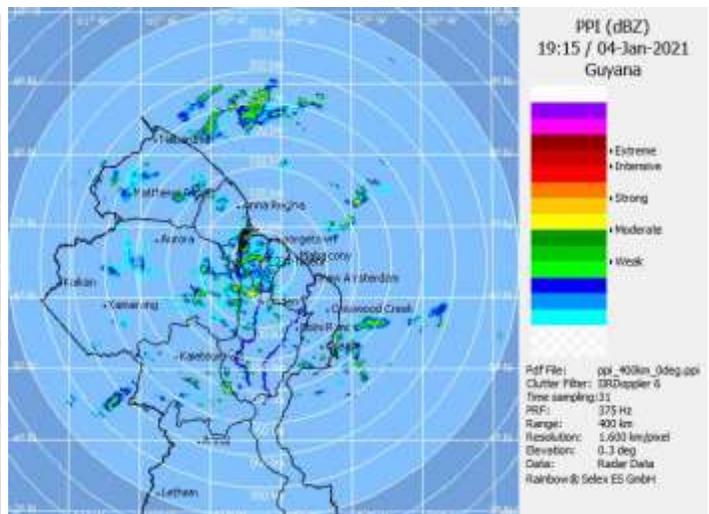
Today's weather review: Throughout Guyana saw mostly cloudy skies throughout morning period. Scattered to occasional showers was observed across Regions 1 to 4 and 7 during the morning into early afternoon. Isolated thundershowers were observed over inland Regions 3 and 4. Regions 6 and 8 to 10 saw improved conditions into the afternoon with mostly fair to partly sunny skies. Isolated showers were observed in areas of northern Region 6.

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

Monday January 04, 2021 (19:00 hrs. – 07:00 hrs.)			Tuesday January 05, 2021 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 0.0 mm to 15.0 mm.	<p><i>Continued cloudy skies will be observed across Guyana with brief light to moderate showers over some areas.</i></p> <p><u>Winds:</u> Mostly breezy becoming windy at times.</p> <p><u>Minimum temperatures:</u></p> <p>Coast: 20 °C – 22°C</p> <p>Hinterland: 18 °C – 20 °C</p>	Regions 1 to 5, 7 and 9	 Rainfall between: 0.0 mm and 20.0 mm	<p><i>Cloudy skies will continue throughout Guyana with scattered light to moderate showers. Isolated thundershowers may be observed some inland areas of Regions 3 and 4.</i></p> <p><u>Winds:</u> Mostly breezy</p> <p><u>Maximum temperatures:</u></p> <p>Coast: 28 °C – 30°C</p> <p>Hinterland: 29 °C – 31°C</p>
			Regions 6, 8 and 10	 Rainfall between: 0.0 mm and 25.0 mm	

The long-term daily average rainfall for Georgetown, for the next 10 days, January 05, 2021 to January 14, 2021 is 8.0mm per day.

Severe Weather Warnings: NONE AT THIS TIME. However, noting that soils have been saturated due to recent precipitation events, hilly areas may experience landslides. Potential for overtopping or breach of sea defenses still remains a possibility. Residents should adopt and adhere to all safety procedures and protocols at this time and remain alert.



Infra-red Satellite valid 19:00 UTC (15:00hrs Monday January 4, 2021)

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

Tonight (January 04,2021)	Tomorrow Morning (January 05,2021)		Tomorrow Afternoon (January 05,2021)
High Tide 19:45 hrs Height 2.78 m Above normal	Low Tide 02:00 hrs Height 0.89 m High Tide 08:48 hrs Height 2.56 m		Low Tide 14:51 hrs Height 0.96 m
Sunrise:	06:04 hrs	Sunset:	17:49 hrs

HIGH TIDE ADVISORY: Citizens are advised that above normal high tide advisory ends after tonight's high tide.

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

- Wave periods between 10 seconds and 12 seconds.
- Winds are expected to be north-easterly between 8 m/s to 10 m/s.

Extended Forecast

Wednesday thru Friday, mostly cloudy skies will be observed throughout Guyana with scattered showers during the early morning and late afternoon over coastal areas. Isolated thundershowers can be expected over inland areas of Regions 2 to 4. Rainfall is anticipated between 5.0 mm to 20.0 mm within a 24 hours' period.

Saturday and Sunday, frequently overcast skies will be observed across Guyana. Areas of Regions 6, 7, 8 and 10 can expect occasional to frequent moderate to heavy showers and rain during the early morning. All other locations will see scattered to occasional showers during the mid-morning into afternoon. Rainfall is anticipated between 20.0 mm to 60.0 mm, highest in Regions 7 and 8.

For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook January 2021 to March 2021 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

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