

***HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE***

WEATHER BRIEF for Monday August 01, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Monday August 01, 2022 were available for most of the stations. **Saxacalli in Region 3 recorded the highest rainfall of 34.5 mm.**





Severe Weather Warnings: SOILS MAY ALREADY BE SATURATED AND ADDITIONAL RAINFALL IS HIGHLY LIKELY TO RESULT IN OR EXACERBATE FLOODING OVER AREAS WITH THUNDERSHOWERS. LANDSLIDES MAY ALSO OCCUR IN HILLY REGIONS, AREAS WITH THUNDERSHOWERS MAY ALSO EXPERIENCE LIGHTNING STRIKES AND STRONG WINDS. RESIDENTS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD AGAINST POSSIBLE FLOODING, MUDSLIDES, HEAVY WINDS AND LIGHTNING DAMAGE.

Marine Advisory: With the current above normal high tide in effect, over-topping of river and sea defence are likely in vulnerable areas. Residents are advised to take the necessary precautions.

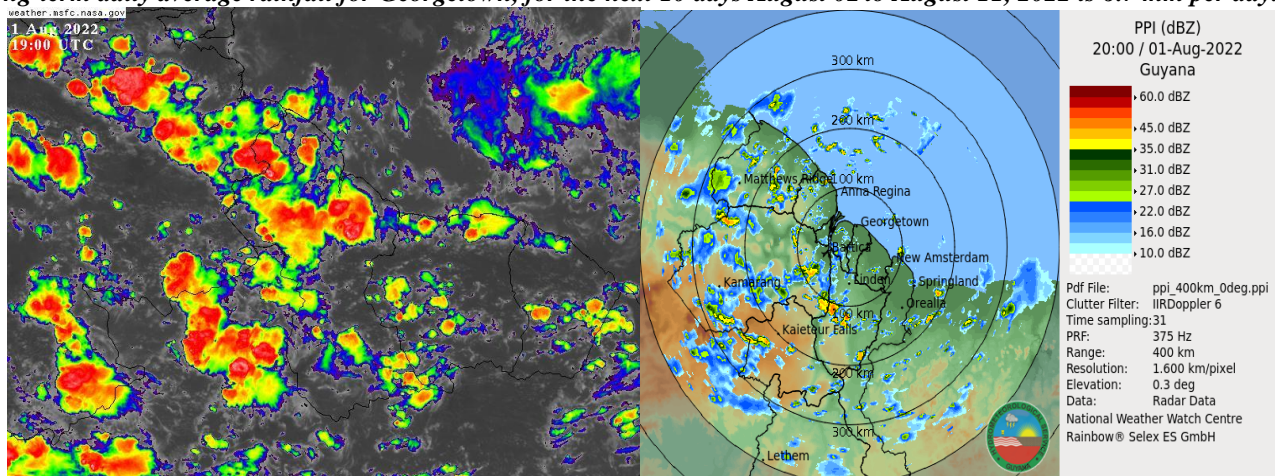
Synopsis: Confluence and troughs with localized conditions dominated across Guyana which produced a few pockets of instabilities over regions 6, 9 and coastal areas, all remaining areas produced moderate to strong instabilities.

Today's weather review: Southern region 6, 9 and coastal areas observed party cloudy and sunny skies with isolated showers and thundershowers, all remaining areas observed mostly cloudy skies with frequent showers and thundershowers during mid-day into afternoon.

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

Monday August 01 2022 (19:00 hrs. – 07:00 hrs.)			Tuesday August 02, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 6 & 9	 Rainfall between: 5 to 15 mm.	Regions 6 and 9 can expect partly cloudy skies with scattered showers. Regions 1, 7, 8 and 10 can expect cloudy skies with frequent showers and isolated thundershowers during the early evening. All remaining areas can expect mostly fair skies becoming cloudy with frequent showers and isolated thundershowers during morning hours.	Inland regions 6 to 10	 Rainfall between: 20 to 40 mm	Inland regions 6 to 10 can expect cloudy skies with frequent showers and thundershowers. All other areas can expect cloudy spells with scattered morning showers, conditions likely to improve afterwards.
All other areas	 Rainfall between: 15 to 35 mm.	<u>Winds:</u> Northeasterly to easterly between 2 to 4 m/s, gusting before and during thundershowers. <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 19 °C – 22 °C	All other areas.	 Rainfall between: 5 to 20 mm.	<u>Winds:</u> Northeasterly to easterly between 2 to 5 m/s, gusting before and during thundershowers. <u>Maximum temperatures:</u> Coast: 29 °C – 31°C Hinterland: 27 °C – 29 °C

The long-term daily average rainfall for Georgetown, for the next 10 days August 02 to August 11, 2022 is 6.7 mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Monday August 01, 2022.

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

Tonight (August 01, 2022)	Tomorrow Morning (August 02, 2022)		Tomorrow Afternoon (August 02, 2022)
	<i>Low Tide 00:41hrs Tide Height 0.84m</i> High Tide: 06:33hrs Tide Height 2.89m		<i>Low Tide 12:41hrs Tide Height 0.75m</i>
<i>Sunrise:</i>	<i>05:45hrs</i>	<i>Sunset:</i>	<i>18:10hrs</i>

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is in effect.

Sea conditions: Slight to moderate seas with northeasterly waves reaching heights of 1.5 to 2.0 meters in open waters. These waves are likely to have periods between 8 and 9 seconds. Winds are expected to be North-easterly to easterly between 5 to 8 m/s.

Extended Forecast

Wednesday thru Thursday: Mostly cloudy skies with frequent showers and thundershowers are likely over regions 1 to 4, 7, 8 and 10. All other areas can expect partly cloudy skies with scattered showers. **Rainfall is anticipated between 25 to 50 mm over regions 1 to 4, 7, 8 and 10, All other areas between 5 to 20 mm within a 24 hours' period.**

Friday: Inland regions 7, 8 and 10 can expect cloudy skies with scattered showers and thundershowers. All other areas can expect cloudy spells with scattered showers. **Rainfall is anticipated between 10 to 25 mm over inland regions 7, 8 and 10, all other areas between 5 to 15 mm within a 24 hours' period.**

Saturday and Sunday: Partly cloudy and sunny skies are likely across Guyana. Coastal areas can expect brief morning showers and remaining areas afternoon isolated showers and thundershowers. **Rainfall is anticipated between 0 to 10 mm over coastal areas, all other areas between 10 to 20 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

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