

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE





WEATHER BRIEF for Sunday January 08, 2023 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Sunday January 08, 2023 were available for most of the stations. **Land of Canaan in Region 4 recorded the highest rainfall of 77.3mm.**

Synopsis: Confluent flow at the surface and weak lower atmospheric trough produced some instability over the forecast area. With the intrusion of some dry air along some coastal areas and the vertical shear widespread deep convection was not possible.

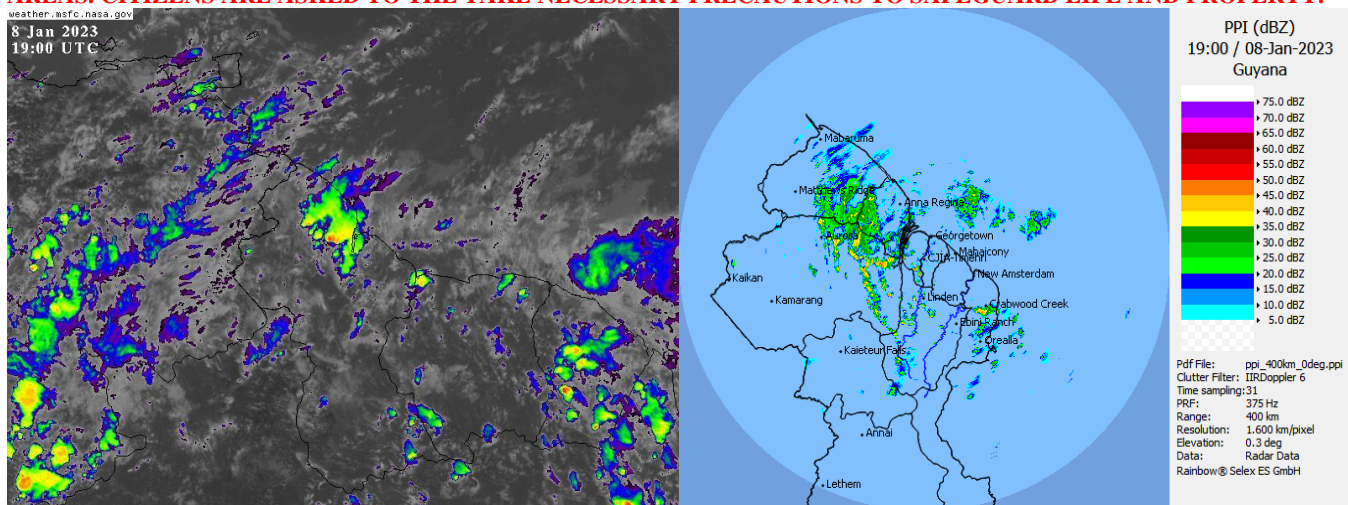
Today's weather review: With the exception of partly cloudy spells over coastal regions 3 to 6 during the afternoon, cloudy skies were seen over Guyana today. Isolated thundershowers were seen over regions 1, 2 and 7 to 10 while scattered showers were seen throughout Guyana.

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

Sunday January 08, 2023 (19:00 hrs. – 07:00 hrs.)			Monday January 09, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 3 to 5 and northern region 6	 Rainfall between: 10.0 mm to 25.0 mm.	Cloudy spells are expected over regions 3 to 5 and northern region 6 at the beginning of the forecast period. These conditions are forecast to give way to cloudy to overcast skies with intermittent rain and light to moderate showers towards the end of the forecast period. All other locations may experience cloudy to overcast skies with intermittent to frequent rain, showers and isolated thundershowers.	Coastal regions 2 to 6.	 Rainfall between: 5.0 mm and 20.0 mm	Coastal regions 2 to 6 can expect mostly cloudy skies accompanied by scattered showers and intermittent rain during the morning giving way to improved conditions during the afternoon hours. All other areas may experience mostly cloudy skies with scattered showers during the morning hours. By early afternoon hours, occasionally overcast skies with intermittent rain, showers and isolated thundershowers may develop over these areas.
All other areas	 Rainfall between: 20.0 mm to 50.0 mm.	<u>Winds:</u> North-easterly to easterly between 2 and 4 m/s, becoming gusty in areas with downpours. <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 20 °C – 22 °C	All other areas.	 Rainfall between: 20.0 mm to 60.0 mm.	<u>Winds:</u> North-easterly easterly between 4 and 8 m/s, gusting to in excess of 15 m/s before and during downpours. <u>Maximum temperatures:</u> Coast: 29 °C – 32°C Hinterland: 28 °C – 32 °C

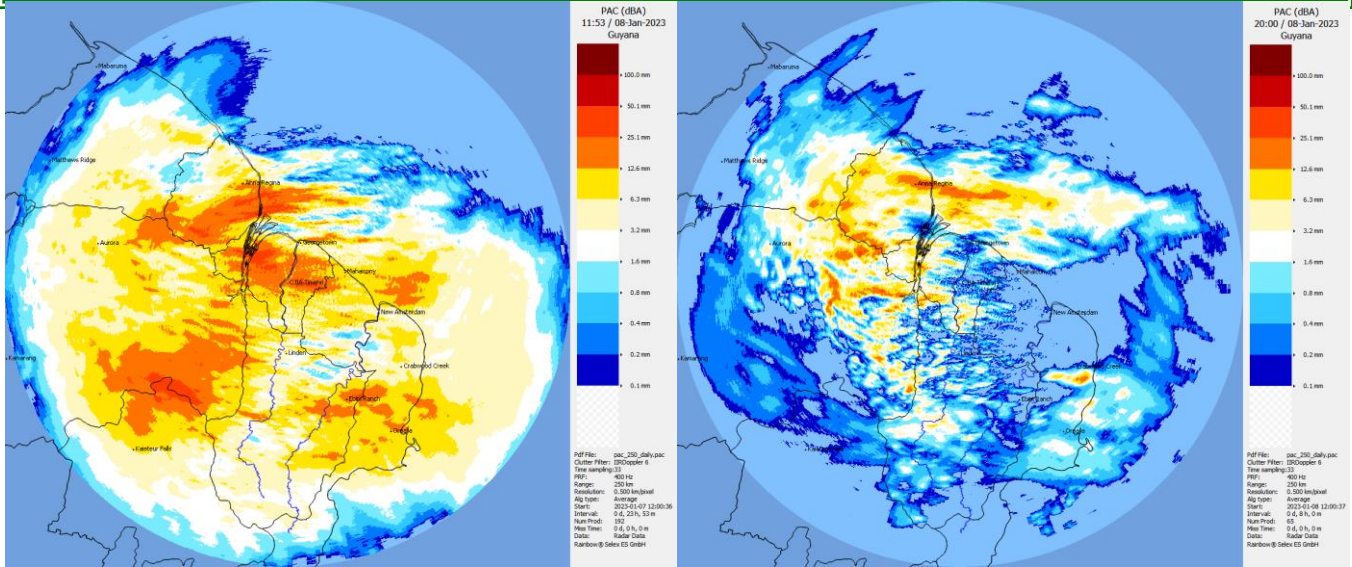
The long-term daily average rainfall for Georgetown, for the next 10 days January 09 to January 18, 2023 is 7.0mm per day.

Severe Weather Warnings: PERSISTENT RAINFALL OVER THE LAST WEEK MAY HAVE RESULTED IN THE SOIL BECOMING SATURATED. ADDITIONAL RAINFALL IS HIGHLY LIKELY TO RESULT IN OR EXACERBATE FLOODING IN FLOOD PRONE AREAS. CITIZENS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD LIFE AND PROPERTY.



Infrared Satellite and Radar images valid 19:10 UTC (15:10hrs) Sunday 08, 2023.

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Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 8 hrs and 16 hrs, 08 January 2023.

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

Tonight (January 08, 2023)	Tomorrow Morning (January 09, 2023)	Tomorrow Afternoon (January 09, 2023)
<i>Low tide 23:29hrs Tide Height 0.76m</i>	<i>High Tide 05:53hrs Tide Height 2.64m</i> <i>Low Tide 11:31hrs Tide Height 0.85m</i>	<i>High Tide 17:20hrs Tide Height 2.86m</i> <i>ABOVE NORMAL</i>
<i>Sunrise:</i>	<i>06:05hrs</i>	<i>Sunset:</i>
		<i>17:53hrs</i>

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is in effect. Above normal high tides coupled with high surface winds, may result in overtopping of the river and sea defence systems. Citizens are asked to take necessary precautions to safeguard life and property.

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 s and 10 s.
- Winds are expected to be easterly between 5 m/s and 8 m/s.

Extended Forecast

Tuesday and Saturday: Mostly cloudy becoming occasionally overcast are forecast for all regions. Intermittent to frequent rain and light to moderate showers are also likely to be seen. Isolated heavy showers and thundershowers are also possible along the coast during the morning and early afternoon hours and during the afternoon and evening hours elsewhere. Between 20 mm and 60 mm rainfall is likely.

Wednesday thru' Friday: Cloudy to overcast skies are likely throughout Guyana during this period. Frequent to overcast rain and showers may be experienced over all regions. Thundershowers are expected over regions 1 to 7 and 10. Between 30 mm and 100 mm rainfall is likely over regions 1 to 7 and 10 and between 20 mm and 40 mm elsewhere.

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

Specialist Meteorologist: L. Alves

Our Mission: To Observe, archive and understand Guyana's weather, and Climate and provide meteorological, hydrological and oceanographic service in support of Guyana's national needs and international obligation.