

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Friday January 20, 2023 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Friday January 20, 2023 were available for most of the stations.

Capoey Lake in Region 2 recorded the highest rainfall of 21.6 mm.

Severe Weather Warnings: None at this time.




Marine Advisory: Over topping of river and sea defense are likely due to strong surface winds coupled with above normal high tides. Residents are advice to take the necessary precautions to safeguard life and property.

High Tide Advisory: Citizens are advised that the above normal high tide advisory is in effect and will continue until January 27, 2023.

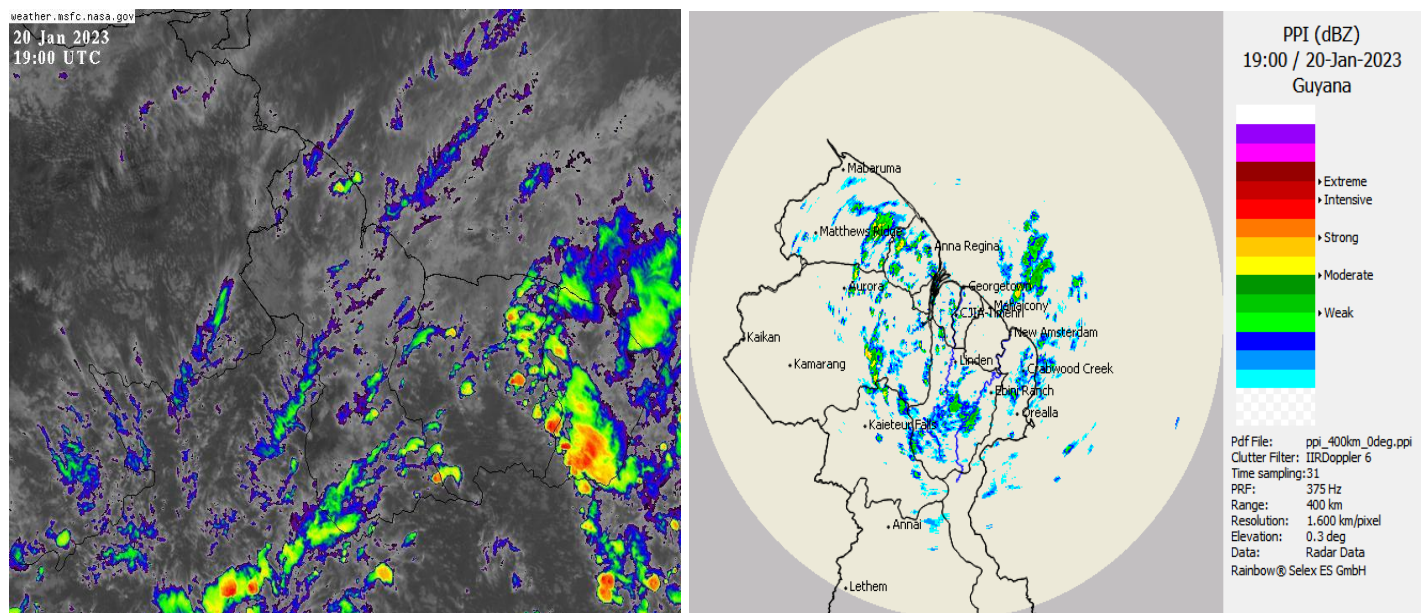
Synopsis: Continuation of mid-upper-level vertical wind shear and drying out, with additional strong presence of SAL. However high moisture associated with a series of low-level troughs produced weak to moderate instabilities across the forecast area.

Today's weather review: Southern region 6, 9 and coastal areas observed partly cloudy to cloudy skies with occasional showers. All remaining areas observed mostly cloudy skies with scattered showers and light to moderate intermittent rain.

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

Friday January 20, 2023 (19:00 hrs. – 07:00 hrs.)			Saturday January 21, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Southern region 6, 9 and coastal areas.	 Rainfall between: 10.0 mm and 25.0 mm	Mostly cloudy skies are likely across Guyana. Southern region 6, 9 and coastal areas can expect scattered showers and intermittent rain and remaining areas occasional showers. <u>Winds:</u> north-easterly to easterly between 2 to 4 m/s, occasionally gusting.	All regions.	 Rainfall between: 20.0 mm and 50.0 mm	Mostly cloudy skies with frequent showers, isolated thundershowers and intermittent rain are likely across Guyana. <u>Winds:</u> north-easterly to easterly between 3 to 6 m/s, occasionally gusting.
All other areas.	 Rainfall between: 5.0 mm and 15.0 mm	<u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 19 °C – 23 °C			<u>Maximum temperatures:</u> Coast: 28 °C – 31°C Hinterland: 28 °C – 31 °C

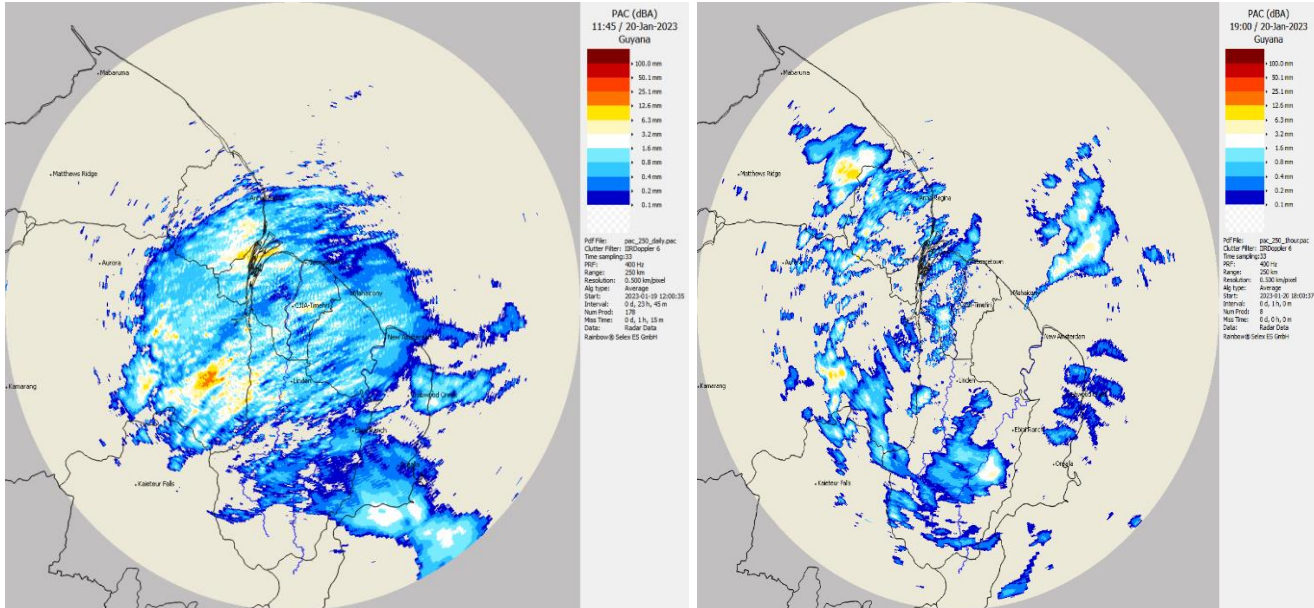
The long-term daily average rainfall for Georgetown, for the next 10 days January 21 to January 30, 2023 is 6.4mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Friday 20, 2023.

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Radar generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 16 hrs, 20 January 2023.

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

Tonight (January 20, 2023)	Tomorrow Morning (January 21, 2023)		Tomorrow Afternoon (January 21, 2023)
<i>Low Tide 21:18hrs Tide Height 0.33m</i>	High Tide 03:42hrs Tide Height 2.82m	<i>Low Tide 09:32hrs Tide Height 0.73m</i>	High Tide 15:47hrs Tide Height 3.17m
<i>Sunrise:</i>	<i>06:08hrs</i>	<i>Sunset:</i>	<i>17:57hrs</i>

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 seconds and 9 seconds.
- Winds are expected to be North-easterly to Easterly between 7 m/s and 10 m/s.

Extended Forecast

Sunday: Mostly cloudy skies with frequent showers, isolated thundershowers and intermittent rain are likely across Guyana. Rainfall is expected between 20.0 mm and 50.0 mm within 24 hours.

Monday thru Thursday: Partly cloudy and sunny skies are likely across Guyana. Coastal areas can expect a few passing showers and remaining areas afternoon scattered showers and isolated thundershowers. Rainfall is expected between 0.0 mm and 5.0 mm over coastal areas, all other areas between 5.0 mm and 15.0 mm within 24 hours.

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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