

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Monday, March 13, 2023, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs on Monday, March 13, 2023, were available for most of the stations.

Pine Ground in Region 5 recorded the highest rainfall of 2.3 mm.

Severe Weather Warnings: None at this time.



Marine Advisory: Waves with high periods (energy) coupled with moderate to rough seas may lead to over-topping and/or damage to the river and sea defense in vulnerable areas. Persons are asked to take the necessary precautions to safeguard life and property.

High Tide Advisory: The above-normal high tide advisory is not in effect.

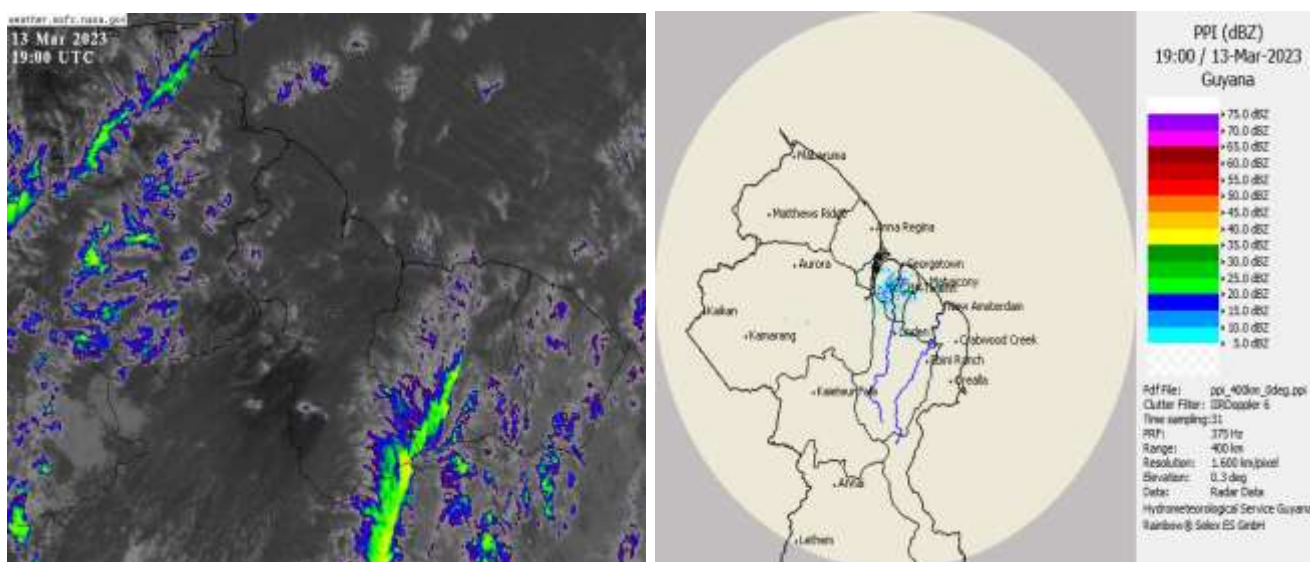
Synopsis: Ridging and inversion in the lower atmosphere with a dry vertical atmospheric profile, very high concentration of SAL, and mid-upper-level vertical wind shear dominated and produced stability across the forecast area. Numerical models are indicating similar atmospheric conditions to prevail throughout the upcoming week.

Today's weather review: Mainly fair and sunny skies with haze were observed across Guyana.

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

Monday, March 13, 2023 (19:00 hrs. – 07:00 hrs.)			Tuesday, March 14, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions	Mainly fair skies with haze are likely across Guyana.	Regions	Weather Conditions	Mainly fair and sunny skies with haze are likely across Guyana.
All regions.	 Rainfall is not significant.	<u>Winds:</u> north-easterly to easterly between 3 m/s and 6 m/s, occasionally gusting.	All regions.	 Rainfall is not significant.	<u>Winds:</u> north-easterly to easterly between 3 m/s and 7 m/s, occasionally gusting.
		<u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 19 °C – 23 °C			<u>Maximum temperatures:</u> Coast: 30 °C – 33°C Hinterland: 31 °C – 34 °C

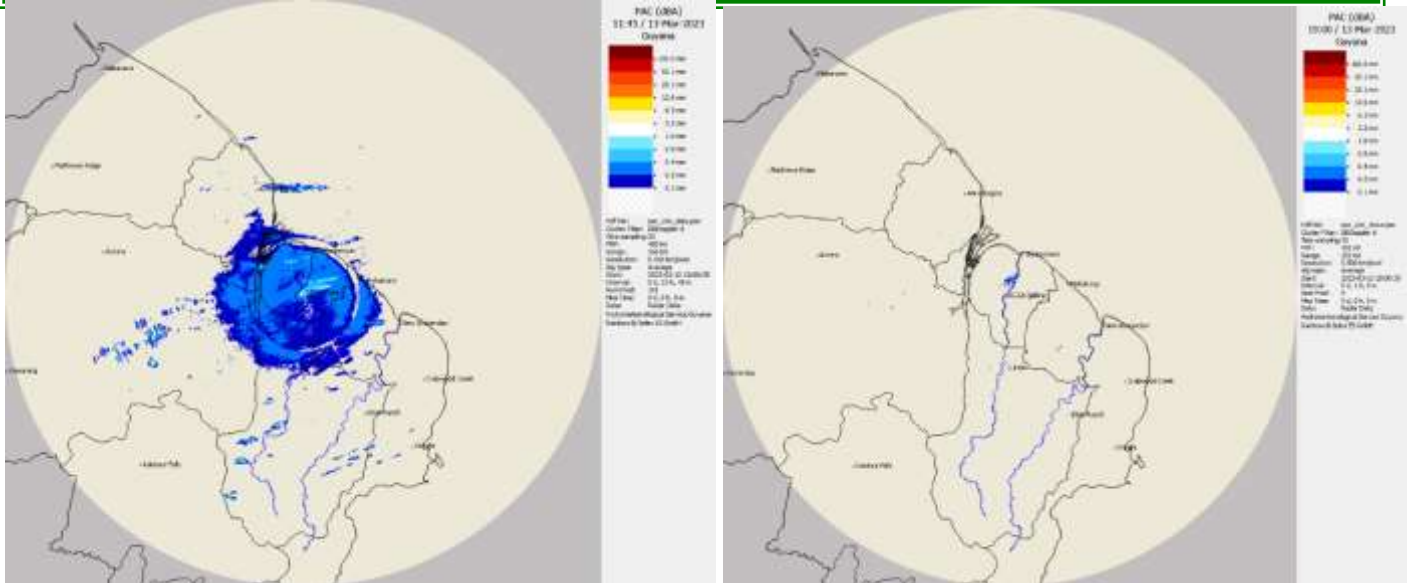
The long-term daily average rainfall for Georgetown, for the next 10 days March 13 to March 22, 2023 is 4.3 mm per day.



Infrared Satellite and Radar images are valid at 19:00 UTC (15:00hrs) Monday 13 March 2023.

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Radar-generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 16 hrs, 13 March 2023.

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

Tonight (March 13, 2023)	Tomorrow Morning (March 14, 2023)		Tomorrow Afternoon (March 14, 2023)
<i>High Tide 20:03hrs Tide Height 2.49m</i>	<i>Low Tide 01:48hrs Tide Height 1.14m</i>	<i>High Tide 08:06hrs Tide Height 2.46m</i>	<i>Low Tide 15:03hrs Tide Height 0.91m</i>
<i>Sunrise:</i>	<i>05:57hrs</i>	<i>Sunset:</i>	<i>22:04hrs</i>

Sea conditions: MODERATE TO ROUGH SEAS WITH NORTHERLY SWELLS REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS.

- These waves are likely to have periods of between 15 seconds and 16 seconds.
- Winds are expected to be northeasterly to easterly between 7 m/s and 10 m/s.

Extended Forecast

Wednesday thru Sunday: Mainly fair and sunny skies with haze are likely across Guyana. **Rainfall is not expected to be significant 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>

An update in the bulletin is provided daily by the Hydromet Service.

Meteorologist: Doodnauth Ramlakhan

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