

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE





WEATHER BRIEF for Saturday March 04, 2023 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Saturday March 04, 2023 were available for most of the stations. **Ituni in Region 10 recorded the highest rainfall of 16.0mm.**

Synopsis: The atmosphere above the 700 hPa level remains very dry. Additionally, strong vertical shear continues in the mid to upper atmosphere. These conditions combined, result in a stable upper atmosphere. Below the 700 hPa level, high relative humidity and weak troughing produced weak instability over most of the country.

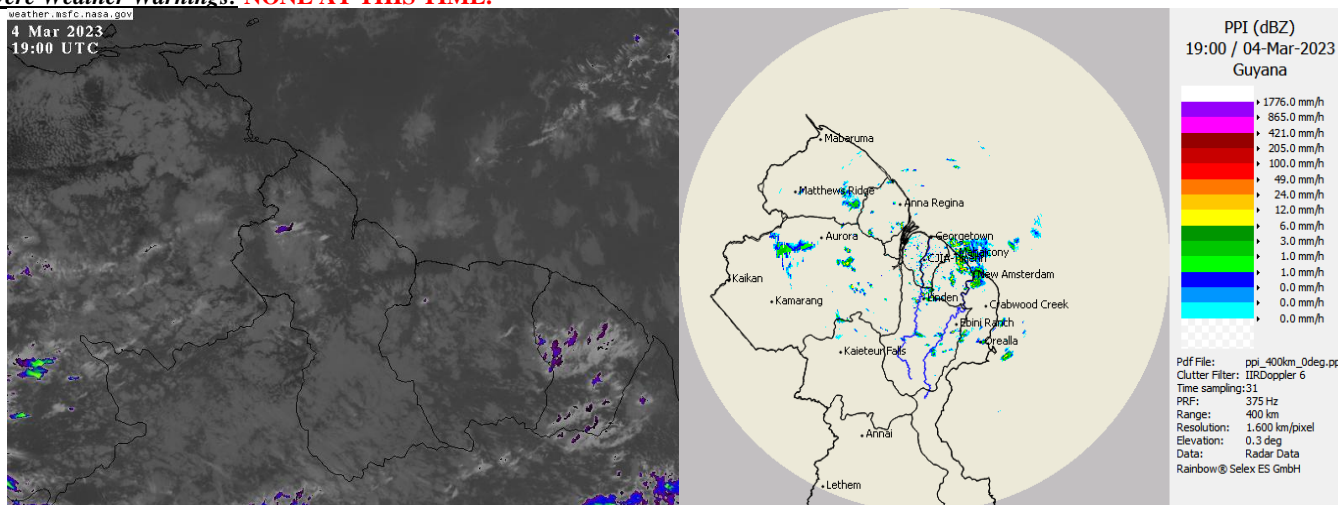
Today's weather review: Coastal Guyana observed partly cloudy skies with cloudy spells and scattered showers. Mostly cloudy skies with showers and intermittent rain were observed over interior areas.

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

Saturday March 04, 2023 (19:00 hrs. – 07:00 hrs.)			Sunday March 05, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal Guyana	 Rainfall between: 5.0 mm to 25.0 mm.	Partly cloudy skies becoming occasionally cloudy are expected along the coast. Scattered light to moderate showers may accompany these conditions. Interior locations may experience mostly cloudy skies with intermittent rain and scattered showers.	Coastal Guyana	 Rainfall between: 0.0 mm and 15.0 mm	Partly cloudy skies with a few cloudy spells and mostly light showers may be experienced by regions 1 and 2. Regions 3 to 5 and northern region 6 may experience cloudy skies with scattered showers during the morning hours. Partly cloudy skies with a reduction in precipitation may be experienced during the afternoon hours. Interior areas may experience mostly cloudy skies becoming occasionally overcast with intermittent rain and scattered showers.
All other areas	 Rainfall between: 15.0 mm to 35.0 mm.	Winds: Northerly to north-easterly between 2 m/s and 4 m/s along the coast and between 1 m/s and 2m/s elsewhere. Minimum temperatures: Coast: 22 °C – 25°C Hinterland: 19 °C – 22 °C	All other areas.	 Rainfall between: 10.0 mm to 30.0 mm.	Winds: Northeasterly between 5 m/s and 8 m/s gusting to in excess of 15 m/s during the afternoon hours. Maximum temperatures: Coast: 29 °C – 31°C Hinterland: 27 °C – 30 °C

The long-term daily average rainfall for Georgetown, for the next 10 days March 05 to March 14, 2023 is 4.1mm per day.

Severe Weather Warnings: NONE AT THIS TIME.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Saturday 04 March, 2023.

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.

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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 (March 04,2023)	Tomorrow Morning (March 05, 2023)	Tomorrow Afternoon (March 05, 2023)
<i>Low Tide 21:11hrs Tide Height 0.80m</i>	<i>High Tide 03:27hrs Tide Height 2.72m Low Tide 09:03hrs Tide Height 0.80m</i>	<i>High Tide 15:00hrs Tide Height 2.80m ABOVE NORMAL</i>
<i>Sunrise:</i>	<i>06:02hrs</i>	<i>Sunset: 18:04hrs</i>

HIGH TIDE ADVISORY: *The above normal high tide advisory is not in effect. The next period of above normal high tides will begin on Sunday March 05, 2023. Waves with high periods (energy) and amplitudes are expected to affect the coastal areas. The sea defence in vulnerable areas may be damaged due to this increase in wave energy. Precautions should be taken to safeguard property and other resources in vulnerable areas along the coast.*

Sea conditions: *ROUGH SEAS WITH NORTHERLY TO NORTHEASTERLY SWELLS REACHING HEIGHTS OF 3.0 TO 3.5 METERS IN OPEN WATERS.*

- These waves are likely to have periods of between 12 seconds and 14 seconds.
- Winds are expected to be north-easterly to easterly between 8 m/s and 12 m/s.

Extended Forecast

Monday and Friday: *Partly cloudy becoming occasionally cloudy may be experienced along coastal regions. Scattered light to isolated moderate showers may also be experienced during the early to mid-morning hours. Between 5 mm and 25 mm rainfall is likely. Mostly cloudy skies may be seen over interior areas. These conditions may be accompanied by scattered light to moderate showers. Rainfall is likely to range between 20 mm and 50 mm.*

Tuesday thru' Thursday: *Cloudy to overcast skies are forecast for all regions. Intermittent to frequent rain and showers of varying intensities may accompany these conditions. Twenty-four hours rainfall is likely to range between 20 mm and 80 mm, with the maximum towards the end of the 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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