

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Friday March 03, 2023 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Friday March 03, 2023 were available for most of the stations.

Mahdia Region 8 recorded the highest rainfall of 27.8 mm.

Severe Weather Warnings: None at this time.





Marine Advisory: Waves with high periods (energy) 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.

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

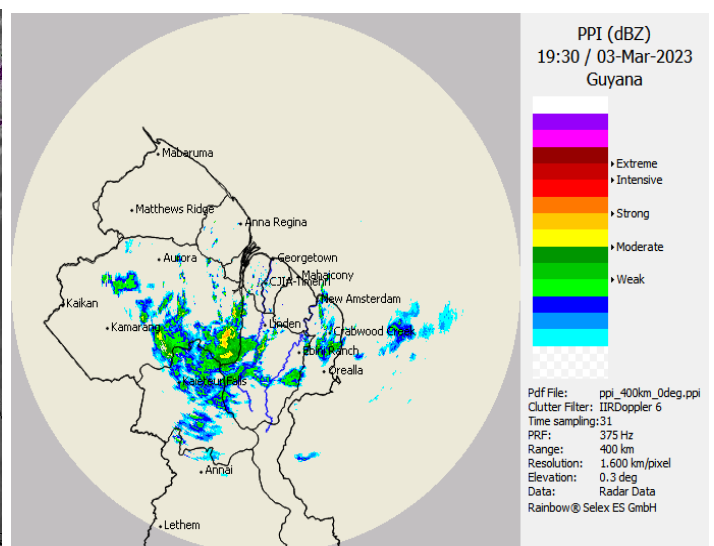
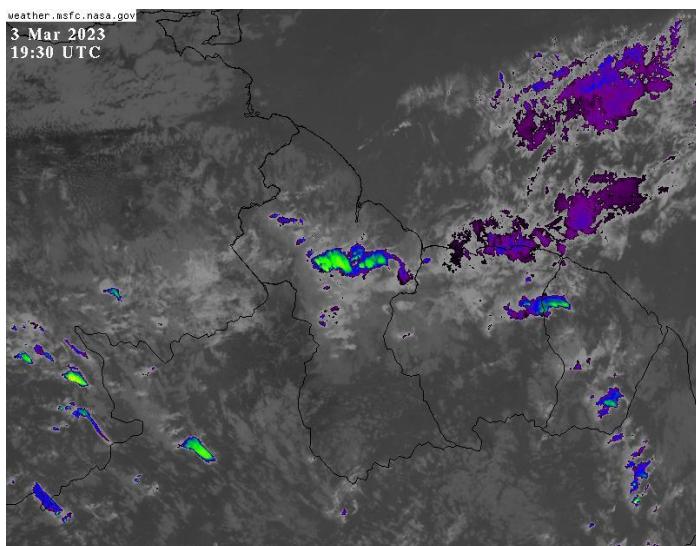
Synopsis: Strong upper-level wind shear dominated across the forecast area, however high relative humidity from surface to 500 hPa with trough at 850 to 700 hPa produced weak to moderate instabilities over northern Guyana. Southern Guyana dominated by capping effect at the mid-levels which restricted cloud growth and produce stable conditions.

Today's weather review: Partly cloudy and sunny skies with a few passing showers was observed over coastal areas. Southern regions 6 and 9 observed mostly cloudy skies during the early to mid-morning hours becoming partly cloudy to fair afterwards. Remaining inland areas observed mostly cloudy skies with frequent showers and intermittent rain.

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

Friday March 03, 2023 (19:00 hrs. – 07:00 hrs.)			Saturday March 04, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions	Cloudy skies with scattered showers are likely over regions 7 and 8 during the early evening, conditions expected to improve afterwards. Remaining areas can expect partly cloudy to fair skies. <u>Winds:</u> north-easterly to easterly between 2 m/s and 5 m/s, occasionally gusting. <u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 19 °C – 23 °C	Regions	Weather Conditions	Partly cloudy and sunny skies with passing showers are likely over regions 1 to northern 6. Remaining areas can expect partly cloudy to cloudy skies with occasional showers during the afternoon into early evening. <u>Winds:</u> north-easterly to easterly between 4 m/s and 8 m/s, occasionally gusting. <u>Maximum temperatures:</u> Coast: 28 °C – 31°C Hinterland: 29 °C – 32 °C
Regions 7 and 8.	 Rainfall between: 0.0 mm and 10.0 mm.		Regions 1 to northern 6.	 Rainfall between: 0.0 mm and 50.0 mm.	
All other regions.	 Rainfall not significant.		All other regions.	 Rainfall between: 10.0 mm and 20.0 mm.	

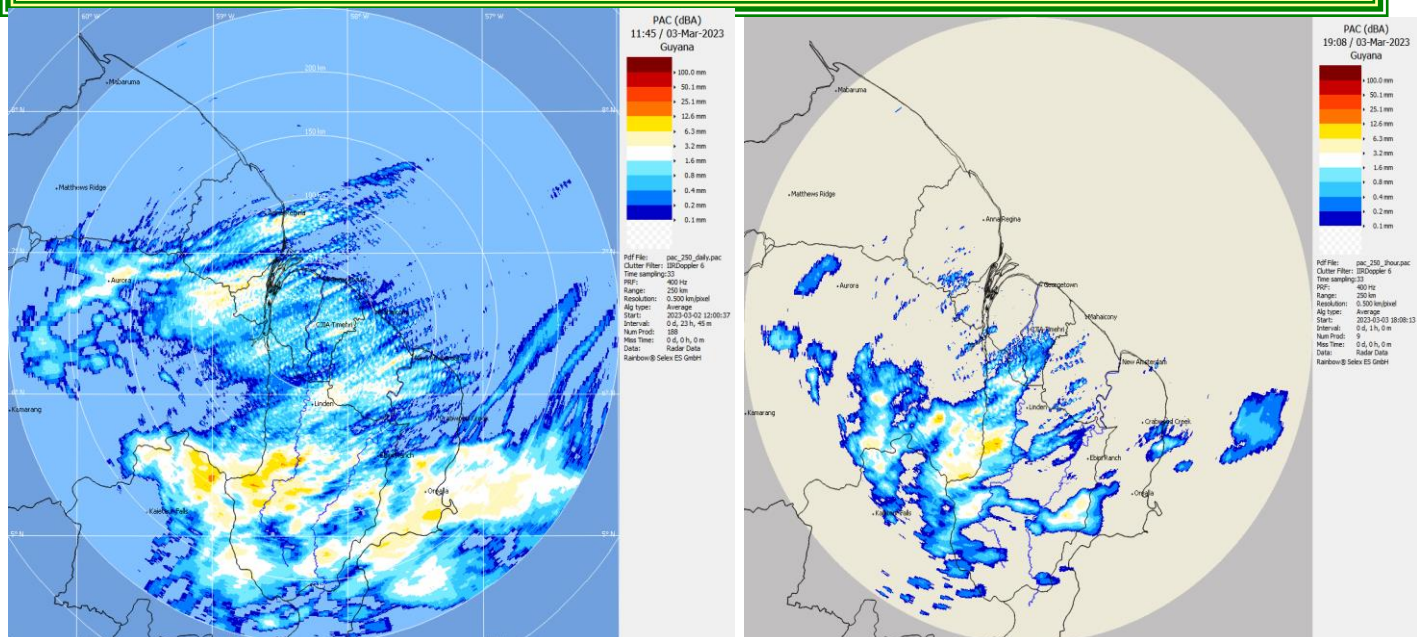
The long-term daily average rainfall for Georgetown, for the next 10 days March 04 to March 13, 2023 is 3.8 mm per day.



Infrared Satellite and Radar images valid 19:10 UTC (15:10hrs) Friday 03 March, 2023.

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Radar generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 16 hrs, 03 March, 2023.

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

Tonight (March 03,2023)	Tomorrow Morning (March 04, 2023)		Tomorrow Afternoon (March 04, 2023)
Low Tide 20:36hrs Tide Height 0.89m	High Tide 02:54hrs Tide Height 2.59m		High Tide 14:24hrs Tide Height 2.66m
Sunrise:	06:01hrs	Sunset:	18:04hrs

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

- These waves are likely to have periods of between 13 seconds and 14 seconds.
- Winds are expected to be northeasterly to easterly between 7 m/s and 10 m/s.

Extended Forecast

Sunday, Tuesday and Thursday: Partly cloudy and sunny skies with passing showers are likely over regions 1 to northern 6. Remaining areas can expect partly cloudy to cloudy skies with occasional showers during the afternoon into early evening. **Rainfall is expected between 0.0 mm and 5.0 mm over regions 1 to northern 6, remaining areas between 10.0 mm and 20.0 mm within 24 hours.**

Monday: Morning cloudy skies with occasional showers are likely over coastal areas, conditions expected to improve afterward. Remaining areas can expect cloudy to overcast skies with frequent showers and intermittent rain. **Rainfall is expected between 10.0 mm and 20.0 mm over coastal areas, elsewhere between 25.0 mm and 50.0 mm within 24 hours.**

Wednesday: Southern regions 6, 9 and coastal areas can expect partly cloudy skies with occasional showers. Remaining inland areas can expect cloudy to overcast skies with scattered showers, thundershowers and frequent rain. **Rainfall is expected between 5.0 mm and 20.0 mm over southern regions 6, 9 and coastal areas, elsewhere between 25.0 mm and 60.0 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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