

***HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE***

WEATHER BRIEF for Wednesday November 23, 2022 from the Hydrometeorological Service, Guyana

SEVERE WEATHER WARNINGS: WITH THE CURRENT FORECAST CONDITIONS, FLASH FLOODING AND FLOODING IS VERY LIKELY OVER LOW LYING AND FLOOD PRONE AREAS. IN AREAS OF THUNDERSHOWERS, HEAVY WINDS AND POSSIBLE LIGHTNING STRIKES CAN BE EXPECTED. PERSONS ARE ASKED TO EXERCISE ALL PRECAUTIONARY MEASURES TO SAFEGUARD LIFE AND PROPERTY.



MARINE ADVISORY: DURING THIS PERIOD OF ABOVE NORMAL HIGH TIDES, COUPLED WITH FORECASTED WAVE HEIGHTS, OVER-TOPPING OF RIVER AND SEA DEFENCE ARE LIKELY IN VULNERABLE AREAS. PERSONS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS.

Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday November 23, 2022 were available for most of the stations. **De Kinderen Front in Region 3 recorded the highest rainfall of 112.7 mm.**

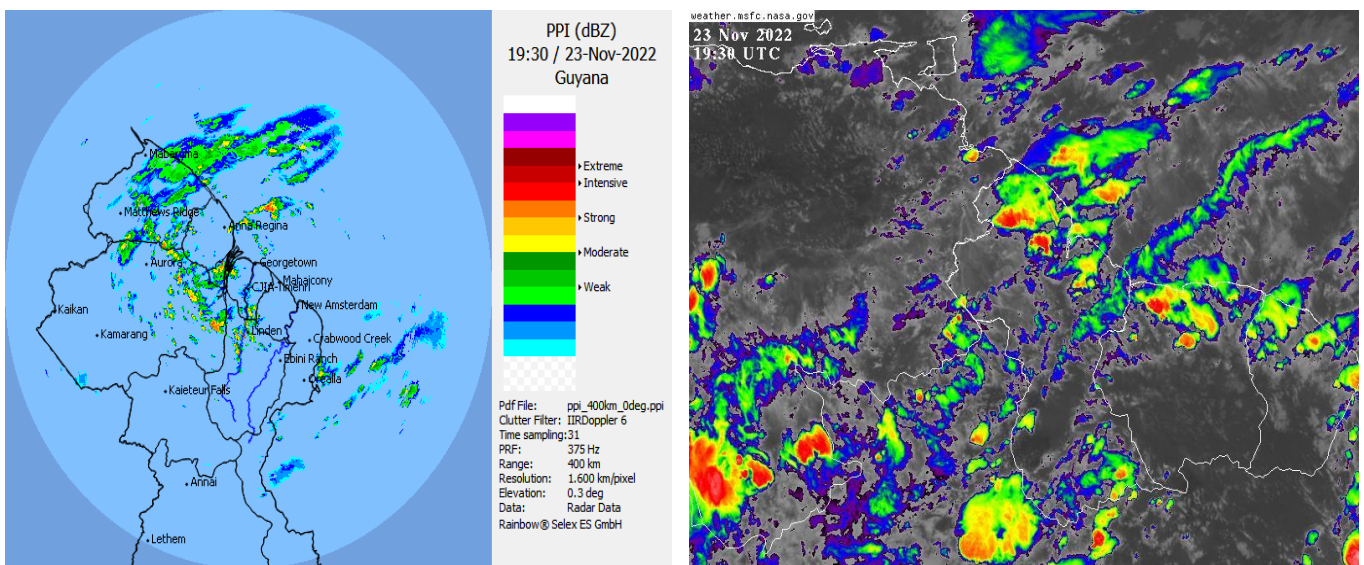
Synopsis: The atmosphere over the forecast area continues to be unstable. Confluenting and troughing were seen between the mid to low-levels. This was supported by favourable upper levels dynamics and high atmospheric moisture throughout all levels. These conditions are expected to continue for the remainder of the week.

Today's weather review: Mostly cloudy skies were observed throughout Guyana with scattered showers of varying intensities, intermittent rain and isolated thundershowers.

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

Wednesday November 23, 2022 (19:00 hrs. – 07:00 hrs.)			Thursday November 24, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
All areas	 Rainfall between: 25.0 mm to 50.0 mm	Mostly cloudy skies can be expected throughout Guyana with light showers and intermittent rain. Isolated thundershowers can be expected over inland areas during the evening hours. Conditions are expected to deteriorate during the early morning hours with skies becoming overcast accompanied by showers of varying intensities, intermittent rain and scattered showers. <u>Winds:</u> North Easterly to Easterly between 7 m/s to 10 m/s. <u>Minimum temperatures:</u> Coast: 19 °C – 23°C Hinterland: 18 °C – 23 °C	All areas	 Rainfall between: 50.0 mm and 100.0 mm	Overcast skies can be expected throughout Guyana with Frequent showers, intermittent to continuous rain and thundershowers throughout Guyana. <u>Winds:</u> Easterly between 5 m/s to 8 m/s, Gusting before and during thundershowers. <u>Maximum temperatures:</u> Coast: 27 °C – 29°C Hinterland: 26 °C – 28 °C

The long-term daily average rainfall for Georgetown, for the next 10 days November 23 to October 02, 2022 is 7.9 mm per day.



Infrared Satellite and Radar images valid 19:30 UTC (15:30hrs) Wednesday November 23, 2022.

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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 (November 23, 2022)	Tomorrow Morning (November 24, 2022)	Tomorrow Afternoon (November 24, 2022)
Low Tide 21:49hrs Tide Height 0.37 m	High Tide 04:03hrs Tide Height 2.87m (Above Normal) Low Tide 09:57hrs Tide Height 0.72m	High Tide 16:12hrs Tide Height 3:09m (Above Normal)
Sunrise:	05:44hrs	Sunset: 17:31hrs

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is in effect and will continue until Monday 28th November, 2022.

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

- THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 S AND 9 S.
- WINDS ARE EXPECTED TO BE NORTH EASTERLY TO EASTERLY BETWEEN 7 M/S TO 10 M/S

Extended Forecast

Friday: Overcast skies can be expected throughout Guyana with Frequent showers, intermittent to continuous rain and thundershowers throughout Guyana. Rainfall is expected between 50.0 mm to 100.0 mm within a 24 hours' period.

Saturday and Sunday: Mostly cloudy skies can be expected throughout Guyana. These conditions may be accompanied by frequent showers and intermittent rain. Isolated thundershowers can be expected during the afternoon hours. Rainfall is expected between 25.0 mm to 50.0 mm within a 24 hours' period.

Monday and Tuesday: Cloudy to occasionally overcast skies can be expected throughout Guyana. These conditions may be accompanied by light to moderate showers and isolated thundershowers. Rainfall is expected between 20.0 mm to 40.0 mm within a 24 hours' period.

Update in the bulletin is provided daily by the Hydromet Service

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