

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Sunday, November 21, 2021 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Sunday, November 21, 2021, were available for most of the stations.
The highest rainfall recorded was 154.0 mm at Mabaruma in Region I.

Synopsis: Surface to mid-atmospheric trough and confluence associated with high moisture throughout the atmosphere and upper level support produce instabilities over most of Guyana. Convection decrease over coastal areas during the afternoon as the trough passed through.

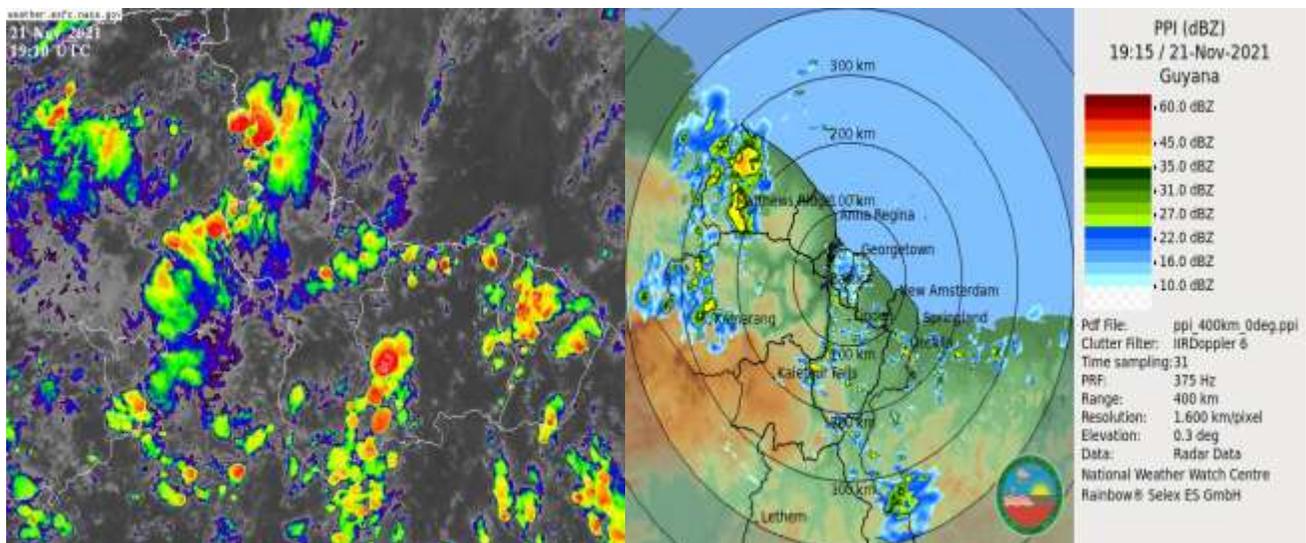
Today's weather review: Mainly cloudy skies with intermittent rain and isolated to scattered thundershowers were observed across most of Guyana. Conditions improved over coastal areas during the afternoon hours.

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

Sunday November 21, 2021 (19:00 hrs. – 07:00 hrs.)			Monday November 22, 2021 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal areas	 Rainfall between: 5 to 20 mm.	Partly cloudy skies are likely over coastal areas, these conditions are expected to become cloudy with occasional showers during the morning hours. All other areas can expect mostly cloudy skies with light to heavy showers and isolated thundershowers during the early evening. <u>Winds:</u> Northeasterly to easterly between 3 to 5 m/s becoming calm at times. <u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 18 °C – 22 °C	Coastal areas	 Rainfall between: 10 to 25 mm	Mostly cloudy skies with frequent morning showers are likely over coastal areas, conditions expected to improve towards the afternoon. All other areas can expect cloudy to overcast skies with intermittent rain and isolated thundershowers during the afternoon period. <u>Winds:</u> Easterly between 3 to 5 m/s, Gusting in areas of thundershowers. <u>Maximum temperatures:</u> Coast: 28 °C – 31°C Hinterland: 29 °C – 32 °C
All other areas	 Rainfall between: 10 to 30 mm		All other areas	 Rainfall between: 20 to 45 mm	

The long-term daily average rainfall for Georgetown, for the next 10 days, November 21, 2021 to November 30, 2021 is 7.5mm per day.

Severe Weather Warnings: Heavy winds and lightning strikes may occur in areas of thundershowers. Kindly take the necessary precautions.



Infra-red Satellite and Radar images valid 19:10 & 19:15 UTC (15:10 & 15:15hrs) Sunday November 21, 2021.

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 sunset.

Tonight (November 21, 2021)	Tomorrow Morning (November 22, 2021)		Tomorrow Afternoon (November 22, 2021)
<p><i>Low Tide 23:27hrs Height 0.82m</i></p>	<p><i>High Tide 05:54hrs Tide Height 2.55m</i></p> <p><i>Low Tide 11:31hrs Tide Height 0.90m</i></p>		<p>High Tide 17:16hrs Tide Height 2.77m</p>
<i>Sunrise:</i>	<i>05:44 hrs.</i>	<i>Sunset:</i>	<i>17:31 hrs.</i>

HIGH TIDE ADVISORY: Citizens are advised that above normal high tide advisory is in effect.

Special Advisory: POSSIBLE OVER-TOPPING OF RIVER AND SEA DEFENCE.

Sea conditions: SLIGHT SEAS WITH NORTHEASTERLY WAVES REACHING HEIGHTS OF 1.0 TO 1.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 9 AND 10 SECONDS. WINDS ARE EXPECTED TO BE NORTHEASTERLY TO EASTERLY BETWEEN 3 TO 5 M/S.

Extended Forecast

Tuesday: With the exception of a few brief morning showers, mostly fair and sunny skies are likely over coastal areas, all other areas can expect partly cloudy skies with isolated showers and possible isolated thundershowers during the afternoon hours. **Rainfall is expected between 0 to 5 mm over coastal areas, all other areas between 0 to 10 mm within a 24 hours' period.**

Wednesday, Friday and Saturday: Mostly cloudy skies with frequent morning showers are likely over coastal areas, conditions expected to improve towards the afternoon. Inland regions 1, 7, 9 and 10 can expect cloudy to overcast skies with intermittent rain and isolated thundershowers during the afternoon period. All other areas can expect partly cloudy skies with a few showers. **Rainfall is expected between 10 to 30 mm over coastal areas. Inland regions 1, 7, 9 and 10 between 20 to 50 mm, all other areas between 0 to 10 mm within a 24 hours' period.**

Thursday: Cloudy to overcast skies with occasional rain and scattered thundershowers are likely across Guyana. Precipitation is expected to decrease over coastal areas during the afternoon hours. **Rainfall is expected between 20 to 45 mm over coastal areas, all other areas between 30 to 60 mm within a 24 hours' period.**

For the Current Regional climate forecast please see the latest Seasonal Climate Outlook which is available on Hydrometeorological Service's website: <https://drive.google.com/file/d/1bkQ4CJ6QT2-jHX5FpZW1geKHZBSHFm-a/view>

Update in the bulletin is provided daily by the Hydromet Service

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