

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Monday November 21, 2022 from the Hydrometeorological Service, Guyana




Rainfall records for the past 24 hours, measured at 08:00hrs Monday November 21, 2022 were available for most of the stations. **Track F. Bydarabu in Region 7 recorded the highest rainfall of 43.3 mm.**

MARINE ADVISORY: WITH THE CURRENT ABOVE NORMAL HIGH TIDE IN EFFECT COUPLED WITH WAVE HEIGHTS REACHING 2.5 TO 3.0 METERS IN OPEN WATERS, OVER-TOPPING OF RIVER AND SEA DEFENCE ARE LIKELY IN VULNERABLE AREAS. RESIDENTS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS.

Synopsis: Low level confluenting, low level troughing coupled with high atmospheric moisture below the 500 mb level produced instabilities across Guyana. However, due to vertical shearing between the mid to upper-level, significant convective activity was inhibited.

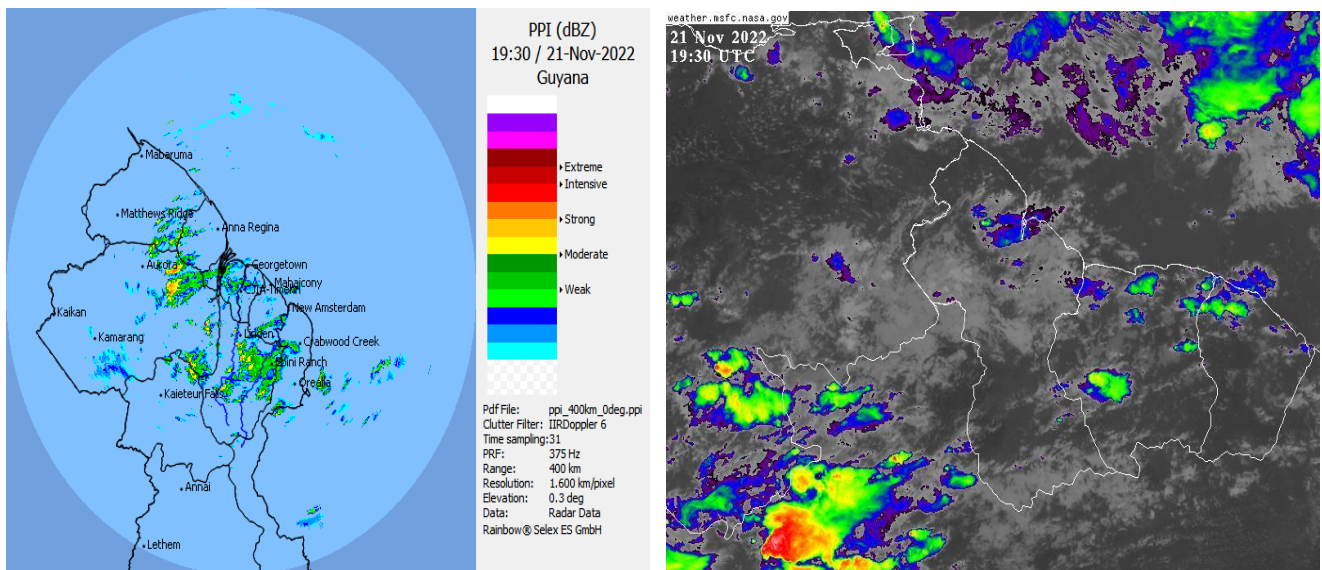
Today's weather review: Cloudy to overcast skies with light to moderate showers and rain were observed over all regions. Isolated thundershowers were seen during the afternoon period during the afternoon period.

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

| Monday November 21, 2022 (19:00 hrs. – 07:00 hrs.) | | | Tuesday November 22, 2022 (07:00 hrs. – 19:00 hrs.) | | |
|--|---|--|---|---|--|
| Regions | Weather Conditions | | Regions | Weather Conditions | |
| Regions 1-7 & 10 |  Rainfall between: 15.0 mm to 30.0 mm | Cloudy skies will continue to persist over the forecast area. Light showers, rain and isolated thundershowers over parts of regions 1-7 & 10. All other areas can expect fair conditions. <u>Winds:</u> North Easterly to Easterly between 8 m/s to 10 m/s. <u>Minimum temperatures:</u> | All areas |  Rainfall between: 20.0 mm and 40.0 mm | Partly cloudy to cloudy skies can be expected across Guyana. These conditions may be accompanied by occasional showers and isolated thundershowers during the afternoon period. <u>Winds:</u> Easterly between 8 m/s to 10 m/s. <u>Maximum temperatures:</u> |
| All other areas |  Rainfall between: 0.0 mm to 10.0 mm | Coast: 19 °C – 21°C Hinterland: 18 °C – 23 °C | | | Coast: 29 °C – 31°C Hinterland: 30 °C – 33 °C |

The long-term daily average rainfall for Georgetown, for the next 10 days November 21 to November 30, 2022 is 7.5 mm per day.

Severe Weather Warnings: HEAVY WINDS AND LIGHTNING STRIKES CAN BE EXPECTED IN AREAS WITH THUNDERSHOWERS. PERSONS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD LIFE AND PROPERTY.



Infrared Satellite and Radar images valid 19:30 UTC (15:30hrs) Monday November 21, 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 21, 2022) | Tomorrow Morning (November 22, 2022) | Tomorrow Afternoon (November 22, 2022) |
|---|--|--|
| <i>Low Tide 20:22hrs Tide Height 0.62 m</i> | High Tide 02:29hrs Tide Height 2.79m (Above Normal) <i>Low Tide 08:35hrs Tide Height 0.84m</i> | High Tide 14:54hrs Tide Height 3:00m (Above Normal) |
| <i>Sunrise:</i> | <i>05:44hrs</i> | <i>Sunset:</i> |
| | | <i>17:31hrs</i> |

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is not in effect.

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 8 M/S TO 10 M/S

Extended Forecast

Wednesday thru' Sunday: Mostly cloudy to occasionally overcast skies can be expected across Guyana with frequent showers, intermittent rain and isolated thundershowers. **Rainfall is expected between 40.0 mm to 80.0 mm within a 24 hours' period.**

Update in the bulletin is provided daily by the Hydromet Service

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