

***HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE***




WEATHER BRIEF for Thursday September 1, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Thursday September 1, 2022 were available for most of the stations. **Mards in Region 5 recorded the highest rainfall of 103.5 mm.**

Synopsis: Lower level confluenting and troughing coupled with high atmospheric moisture continues to produce instabilities over the forecast area.

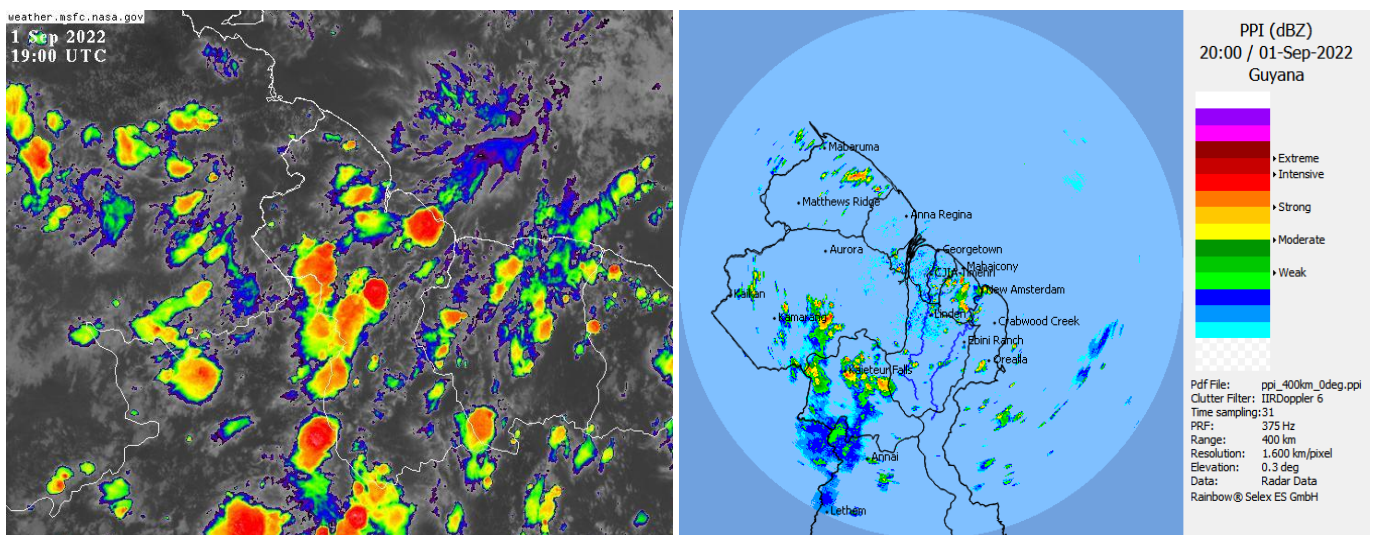
Today's weather review: Mostly cloudy skies with scattered showers and thundershowers was across Guyana.

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

| Thursday September 1, 2022 (19:00 hrs. – 07:00 hrs.) | | | Friday September 2, 2022 (07:00 hrs. – 19:00 hrs.) | | |
|--|--|--|--|--|---|
| Regions | Weather Conditions | | Regions | Weather Conditions | |
| Regions 7 and 8 |  Rainfall between: 20 mm to 50 mm. | <i>Mostly cloudy skies will continue throughout Guyana. Frequent showers and thundershowers can be expected over regions 7 and 8 during the early evening hours. All other locations will see scattered showers throughout the night with thundershowers developing over coastal areas in the early morning hours.</i> | Regions 1 to 10 |  Rainfall between: 10 mm and 30 mm | <i>Mostly cloudy skies can be expected throughout Guyana with intermittent to frequent showers during the morning hours. Isolated thundershowers can be expected over some coastal areas.</i> <u>Winds:</u> mostly light becoming breezy at times. <u>Maximum temperatures:</u> Coast: 29 °C – 31°C Hinterland: 30 °C – 32 °C |
| All other areas |  Rainfall between: 0 mm to 20 mm. | <u>Winds:</u> Mostly light becoming windy before and during heavy downpours. <u>Minimum temperatures:</u> Coast: 22 °C – 26°C Hinterland: 19 °C – 22 °C | | | |

The long-term daily average rainfall for Georgetown, for the next 10 days September 02 to September 11, 2022 is 3.1 mm per day.

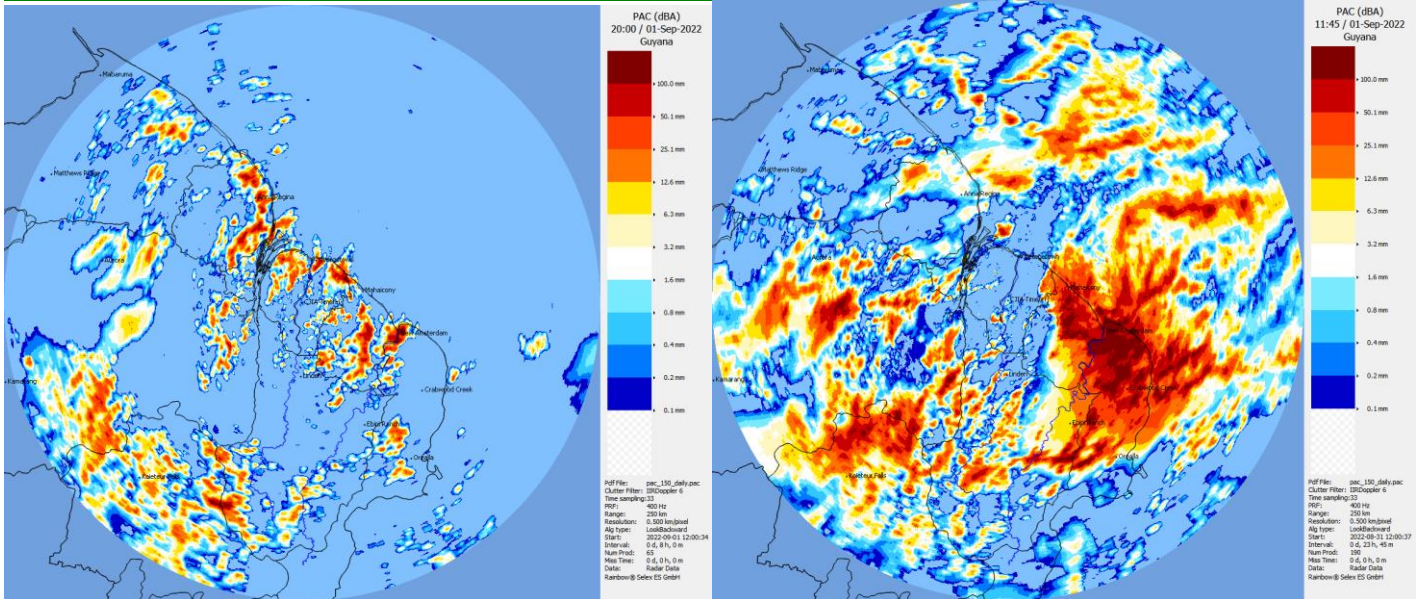
Severe Weather Warnings: **IN AREAS OF THUNDERSHOWERS, PERSONS ARE ASKED TO EXERCISE ALL MEASURES IN SECURING LIFE AND PROPERTY AS THERE EXISTS THE POSSIBILITY OF LIGHTNING STRIKES AND HIGH WINDS BEING OBSERVED.**



Infrared Satellite and Radar images valid 19:10 UTC (15:10hrs) Thursday September 01, 2022.

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Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 7 hrs and 15 hrs, September 1, 2022.

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

| Tonight (September 01, 2022) | Tomorrow Morning (September 02, 2022) | | Tomorrow Afternoon (September 02, 2022) |
|---|--|---------|--|
| High Tide 19:08 Tide Height 2.75 m Above normal | Low Tide 01:43 hr Tide Height 0.76 m High Tide 07:39 hrs Tide Height 2.63 m | | Low Tide 13:30 hrs Tide Height 0:96 m |
| Sunrise: | 05:44 hrs | Sunset: | 17:58 hrs |

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory ends today. Above normal high tides coupled with high waves may lead to overtopping of the river and sea defence vulnerable areas. All necessary precautions should be taken.

Sea conditions: *SLIGHT SEAS WITH SOUTHEASTERLY WAVES REACHING HEIGHTS OF 1.0 TO 1.5 METER IN OPEN WATERS.*

- These waves are likely to have periods between 5 and 7 seconds.
- Winds are expected to be varying between 4 to 6 m/s.

Extended Forecast

Saturday thru Wednesday: mostly cloudy skies can be expected with scattered showers and thundershowers. *Rainfall is anticipated between 10 mm to 25 mm within a 24 hours' period. Highest values are likely in areas of thundershowers.*

For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook August to October 2022 produced by the Climatological section of the Hydrometeorological Service and available on the website: <http://hydromet.gov.gy/weather/seasonal-outlook/>

Update in the bulletin is provided daily by the Hydromet Service: www.hydromet.gov.gy

Meteorologist: E. McPherson

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