

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE





WEATHER BRIEF for Sunday September 11, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hr Sunday September 11, 2022 were available for most of the stations. **New Amsterdam in Region 6 recorded the highest rainfall of 39.4 mm.**

Synopsis: A confluent asymptote over northern Guyana and lower atmospheric troughs over southern Guyana coupled with deep layered moisture produced unstable conditions Guyana today.

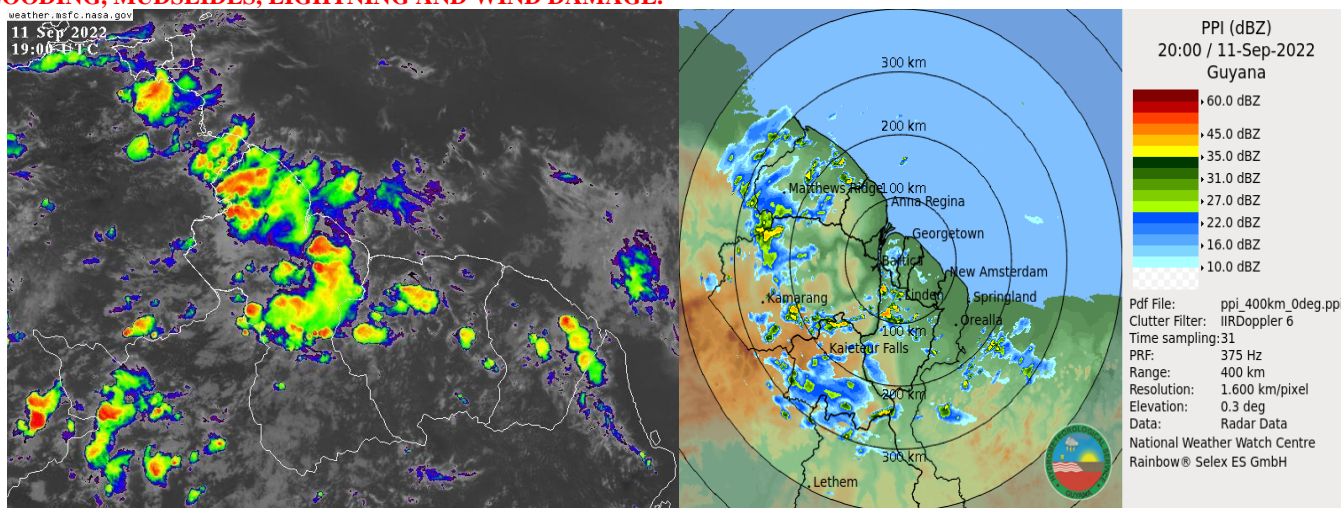
Today's weather review: Mostly cloudy skies becoming occasionally overcast with showers and rain were experienced throughout Guyana today. Thundershowers were also seen over parts of regions 1 to 4, 7, 8 and 10.

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

Sunday September 11, 2022 (19:00 hrs. – 07:00 hrs.)			Monday September 12, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal regions 2 to 6	 Rainfall between: 5.0 mm to 20.0 mm.	Mostly cloudy skies are forecast for Guyana tonight. Coastal regions 2 to 6 may experience scattered showers during the early morning hours. All other locations may experience scattered showers and intermittent rain for most of the evening hours. Isolated thundershowers are possible over regions 7 to 10.	Coastal Guyana	 Rainfall between: 5.0 mm and 15.0 mm	Cloudy spells with scattered showers are likely along the coast during the morning hours. As the day progresses, rainfall is likely to decrease. All other areas may experience mostly cloudy skies with scattered showers. Thundershowers may develop over southern regions 1 to 5 by early afternoon hours and then move over regions 7, 8 and 10 by the late afternoon hours.
All other	 Rainfall between: 20.0 mm to 50.0 mm.	<u>Winds:</u> Northeasterly between 1 and 4 m/s becoming gusty before and during downpours. <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 19 °C – 23 °C	All other areas.	 Rainfall between: 15.0 mm to 45.0 mm.	<u>Winds:</u> northeasterly between 4 and 8 m/s, gusting to in excess of 15 m/s in areas with downpours. <u>Maximum temperatures:</u> Coast: 29 °C – 31°C Hinterland: 28 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days September 11 to September 20, 2022 is 3.1mm per day.

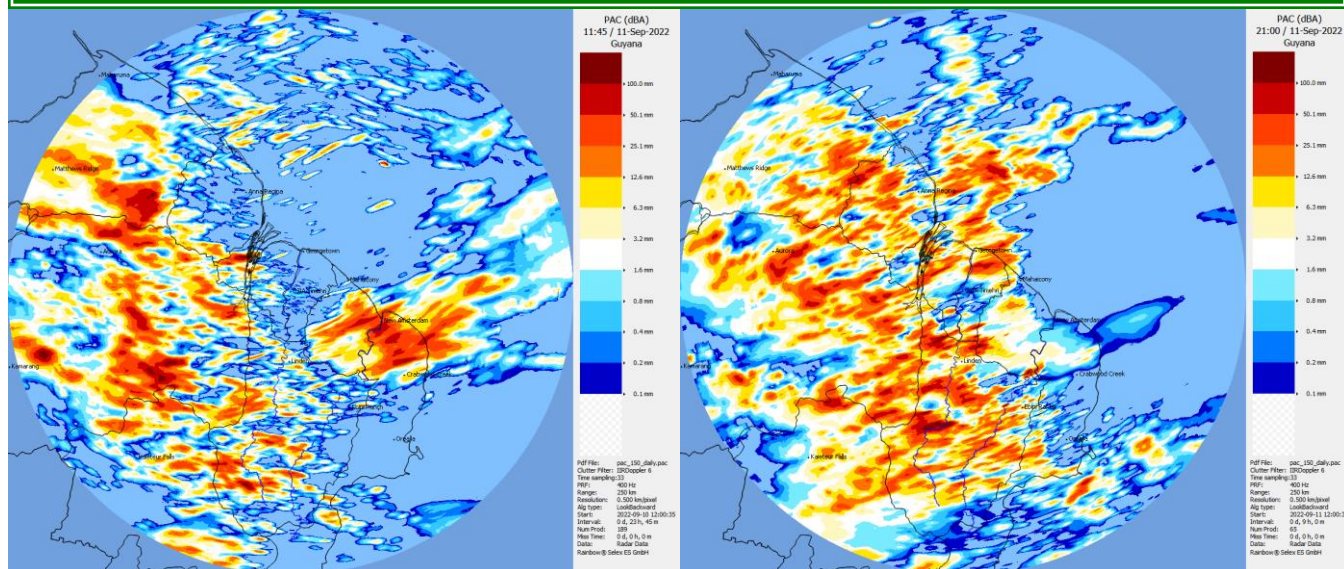
Severe Weather Warnings: FORECAST CONDITIONS MAY LEAD TO FLOODING IN LOW LYING AREAS AND MUDSLIDES LANDSLIDES OVER HILLY AREAS. AREAS WITH THUNDERSHOWERS MAY EXPERIENCE LIGHTNING STRIKES AND GUSTY WINDS. RESIDENTS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD AGAINST POSSIBLE FLOODING, MUDSLIDES, LIGHTNING AND WIND DAMAGE.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Sunday September 11, 2022.

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Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 7 hrs and 16 hrs, 11 September 2022.
Table # 2 Occurrences of high and low tides for the next 24 hours and the times for sunrise and sun set.

Tonight (September 11, 2022)	Tomorrow Morning (September 12, 2022)		Tomorrow Afternoon (September 12, 2022)
Low Tide 22:53 hrs Tide Height 0.49	High Tide 05:09hrs Tide Height 3.20m ABOVE NORMAL Low Tide 11:08hrs Tide Height 0.33m		High Tide 17:18hrs Tide Height 3:14m ABOVE NORMAL
Sunrise:	05:44hrs	Sunset:	17:58hrs

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is effect and will continue until Thursday 15 September, 2022.

Sea conditions: MODERATE WAVES WITH NORTHEASTERLY WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS.

- **THESE WAVES ARE LIKELY TO HAVE PERIODS BETWEEN 8 S AND 11 S.**
- **WINDS ARE EXPECTED TO BE NORTHEASTERLY BETWEEN 3 M/S TO 6 M/S**

Extended Forecast

Tuesday: Cloudy to overcast skies are forecast for all regions. These conditions may be accompanied by showers of varying intensities and thundershowers. Between **20 mm and 80 mm** rainfall is likely.

Wednesday thru' Saturday: Cloudy spells with a few showers are expected along the coast during the morning hours. Fair to partly cloudy skies are expected for the rest of the day. Region 9 and southern Guyana may experience fair to partly cloudy skies with isolated showers. Between **0 mm and 10 mm** rainfall is likely. All other areas may experience afternoon to early evening cloudy spells with showers and possible thundershowers. Fair to partly cloudy skies are expected for the rest of the day. Between **15 mm and 40 mm** rainfall is likely.

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

Specialist Meteorologist: L. Alves

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