

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE






WEATHER BRIEF for Saturday September 03, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hr Saturday September 03, 2022 were available for most of the stations. **Georgetown in Region 04 recorded the highest rainfall of 83.0mm.**

Synopsis: Mostly south-easterly winds were seen between the surface and mid-atmosphere while north-easterly winds were seen in the upper atmosphere. However, mid atmospheric moisture and local conditions produced pockets of instability over the forecast area.

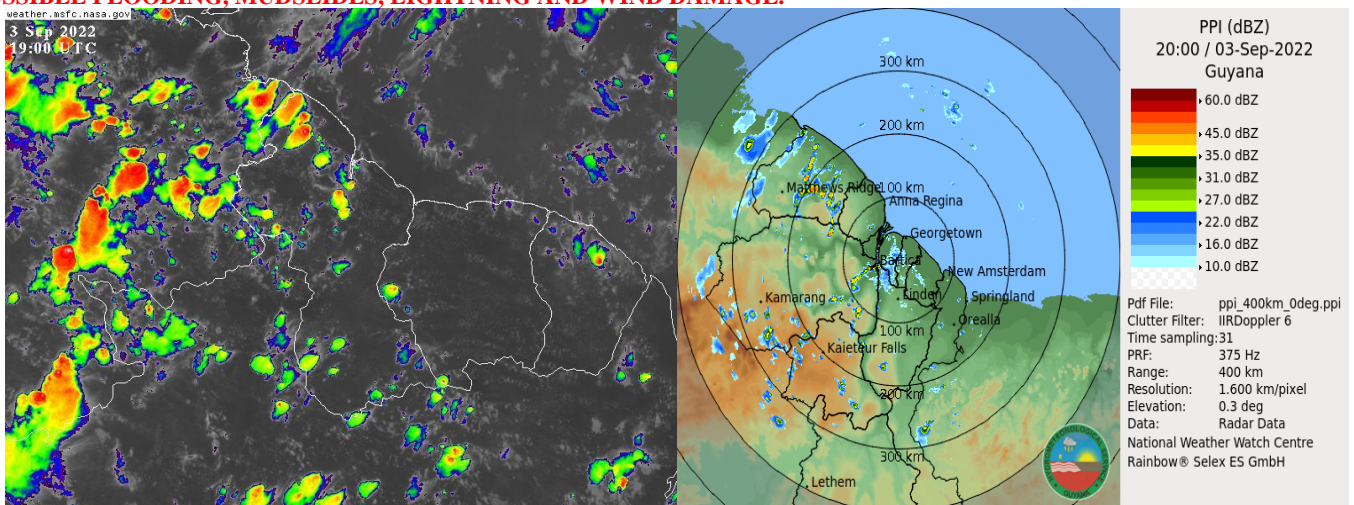
Today's weather review: Cloudy spells with showers and isolated thundershowers were seen over southern regions 1 to 3 and parts of regions 7 to 10 during the afternoon. Partly cloudy skies were otherwise experienced over the forecast area.

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

Saturday September 03, 2022 (19:00 hrs. – 07:00 hrs.)			Sunday September 04, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions	Partly cloudy skies are expected along the coast during the evening hours. Coastal regions 4 to 6 may see cloudy skies with showers and possible isolated thundershowers beginning during the morning hours. The rest of the country may experience mostly cloudy skies. Isolated thundershowers may accompany these conditions.	Regions	Weather Conditions	Coastal areas may experience partly cloudy skies with a few cloudy spells and scattered showers. All other areas may observe mostly cloudy skies with scattered showers. Regions 7, 10 and southern regions 1 to 5 may see isolated thundershowers mostly during the afternoon.
Regions 1 to 3	 Rainfall between: 0.0 mm to 10.0 mm.		Coastal Guyana	 Rainfall between: 0.0 mm and 15.0 mm	Winds: North-easterly to south-easterly between 3 m/s and 6 m/s, gusting before and during downpours.
Regions 4 to 6	 Rainfall between: 10.0 mm to 30.0 mm.	Winds: Light becoming gusty before and during downpours. Minimum temperatures: Coast: 22 °C – 26°C Hinterland: 19 °C – 22 °C	All other areas.	 Rainfall between: 20.0 mm to 40.0 mm.	Maximum temperatures: Coast: 30 °C – 32°C Hinterland: 29 °C – 32 °C
All other areas	 Rainfall between: 10.0 mm to 45.0 mm.				

The long-term daily average rainfall for Georgetown, for the next 10 days September 04 to September 13, 2022 is 3.1mm per day.

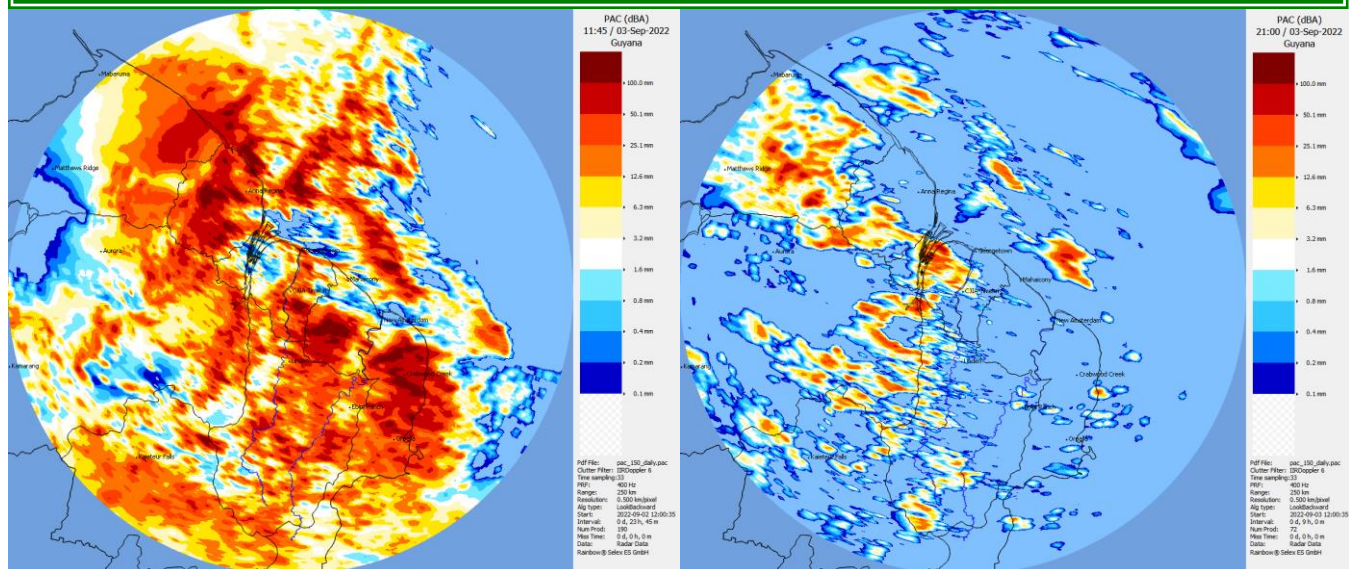
Severe Weather Warnings: FORECAST CONDITIONS MAY LEAD TO FLOODING IN LOW LYING AND FLOOD PRONE AREAS AND MUDSLIDES LANDSLIDES OVER HILLY AREAS. AREAS WITH THUNDERSHOWERS MAY EXPERIENCE LIGHTNING STRIKES AND GUSTY WINDS. RESIDENTS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD AGAINST POSSIBLE FLOODING,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



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Saturday September 03, 2022.

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Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 7 hrs and 16 hrs, 03 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 03, 2022)	Tomorrow Morning (September 04, 2022)	Tomorrow Afternoon (September 04, 2022)
High Tide 21:03 hrs Tide Height 2.51	Low Tide 03:48hrs Tide Height 0.92m High Tide 9:50hrs Tide Height 2.27m	Low Tide 15:39hrs Tide Height 1:31m
Sunrise:	05:44hrs	Sunset:
		17:58hrs

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

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

- **THESE WAVES ARE LIKELY TO HAVE PERIODS BETWEEN 3 S AND 6 S.**
- **WINDS ARE EXPECTED TO BE SOUTHEASTERLY BETWEEN 3 M/S TO 7 M/S**

Extended Forecast

Monday: Mostly cloudy skies becoming occasionally overcast are likely throughout Guyana. These conditions may be accompanied by showers and intermittent rain. Thundershowers are expected along the coast during the morning and over the rest of the country during the afternoon and evening hours. Between **20 mm and 80 mm** rainfall is likely.

Tuesday: Cloudy skies and scattered showers are expected over northern Guyana during the morning hours. Conditions are expected to improve as the day progresses. Between **5 mm and 25 mm** rainfall is likely. Southern Guyana may experience partly cloudy skies with a few light showers. Between **0 mm and 10 mm** rainfall is likely.

Wednesday thru' Friday: Fair to partly cloudy skies with localised showers are likely along the coast during this period. Between **0 mm and 10 mm** rainfall is likely. All other locations may observe partly cloudy to cloudy with scattered showers. Isolated thundershowers are possible over regions 7 and 10. Between **15 mm and 35 mm** rainfall is likely over regions 7 and 10 and between **5 mm and 15 mm** elsewhere.

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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