

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE

Severe Weather Warnings: AREAS WITH THUNDERSHOWERS MAY EXPERIENCE FLASH FLOODING, LIGHTNING STRIKES AND GUSTY WINDS. PERSONS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD LIFE AND PROTECT LIFE AND PROPERTY.

WEATHER BRIEF for Monday September 5, 2022 from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00 hrs Monday September 5, 2022 were available for most of the stations.

Fort Island in Region 3 recorded the highest rainfall of 30.0 mm.

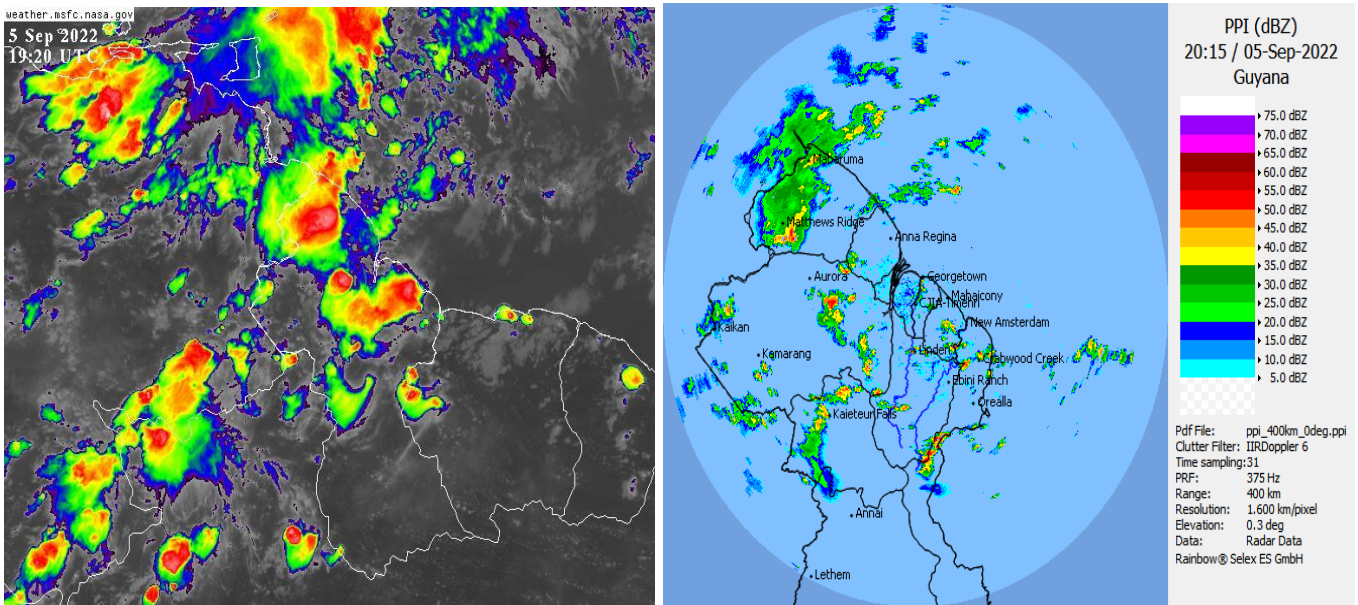
Synopsis: Strong confluencing and pockets of deep atmospheric moisture oscillating across Northern Guyana producing moderate to deep convective activities. Southern Guyana remains mostly dry throughout the atmosphere allowing fair weather to persist. These patterns are expected to continue for the remainders of the week.

Today's weather review: Cloudy spells with thundershowers over coastal and land areas during the late morning into early afternoon. All other areas saw mostly fair and sunny skies with isolated showers.

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

Monday September 5, 2022 (19:00 hrs. – 07:00 hrs.)			Tuesday September 6, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 and 2	 Rainfall between: 10 mm to 25 mm.	Mostly cloudy skies with scattered showers and isolated thundershowers can be expected over northern Guyana during the early parts of the evening. All other locations will see mostly fair skies throughout the night with a few passing showers. <u>Winds:</u> mostly breezy becoming light at times.	Coastal areas	 Rainfall between: 10 mm and 30 mm	Mostly cloudy skies can be expected during the morning with scattered showers and isolated thundershowers over coastal areas. All other areas will see mostly fair skies becoming cloudy in the afternoon with thundershowers. <u>Winds:</u> Mostly breezy becoming windy at times. <u>Maximum temperatures:</u>
All other areas	 Rainfall between: 5 mm to 15 mm.	<u>Minimum temperatures:</u> Coast: 22 °C – 24 °C Hinterland: 20 °C – 22 °C	All other areas.	 Rainfall between: 10 mm to 20 mm.	Coast: 29 °C – 31 °C Hinterland: 31 °C – 32 °C

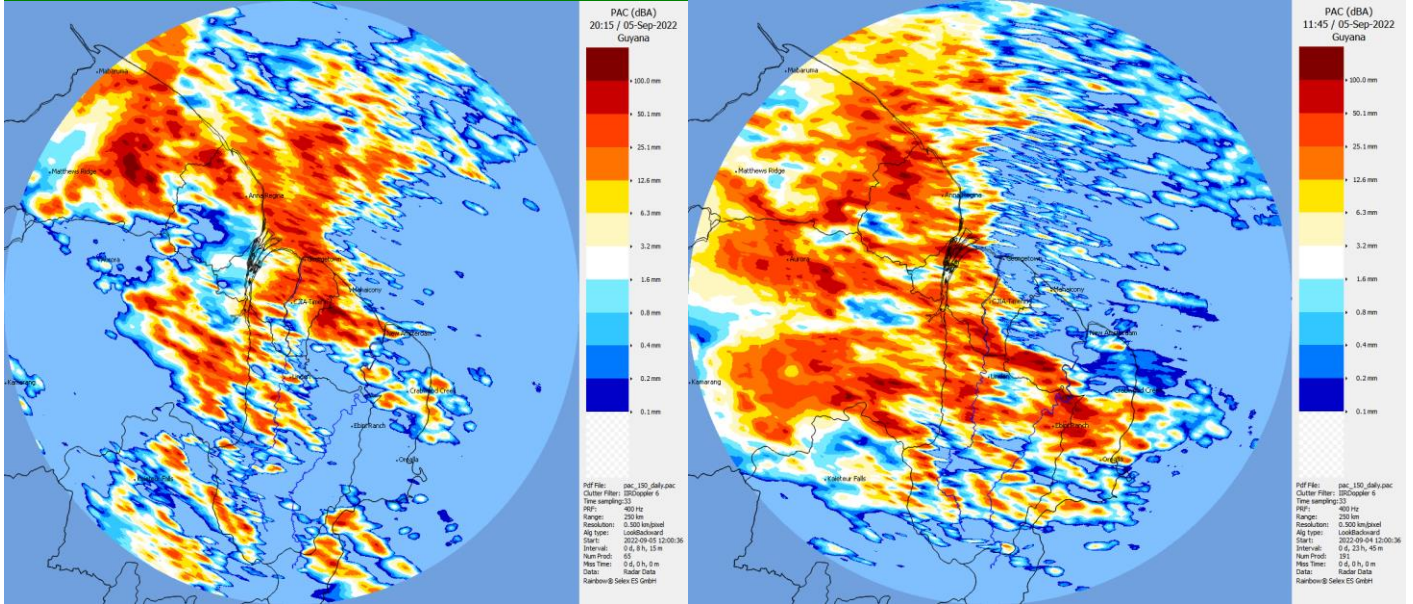
The long-term daily average rainfall for Georgetown, for the next 10 days September 6 to September 15, 2022 is 3.0 mm per day.



Infrared Satellite and Radar images valid 19:20 UTC (15:20hrs) Monday September 5, 2022.

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Radar generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 16 hrs, September 5, 2022.

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

Tonight (September 5, 2022)	Tomorrow Morning (September 6, 2022)		Tomorrow Afternoon (September 6, 2022)
	High Tide 00:04 hr Height 2.61m Low Tide 06:21hrs Height 0.79m		High Tide 13:01 hrs Height 2.39 m
Sunrise:	05:43 hrs	Sunset:	17:56 hrs

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

Sea conditions: SLIGHT TO MODERATE SWELLS WITH EASTERLY TO SOUTH-EASTERLY WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS.

- These waves are likely to have periods between 6 s and 10 seconds.
- Winds are expected to be easterly between 7 m/s to 10 m/s.

Extended Forecast

Wednesday thru Sunday: Partly cloudy and sunny skies during the morning hours and becoming cloudy to at times overcast in the late morning into early afternoon with thundershowers over coastal and inland areas.

Rainfall is anticipated between 10 mm to 35 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 September to November 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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