

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE

WEATHER BRIEF for Tuesday September 20, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday September 20, 2022 were available for most of the stations.



Wauna White Water in Region 1 recorded the highest rainfall of 19.4mm.

Synopsis: A tropical wave, with a closed circulation at multiple levels, embedded in deep moisture is currently affecting Guyana and adjacent waters.

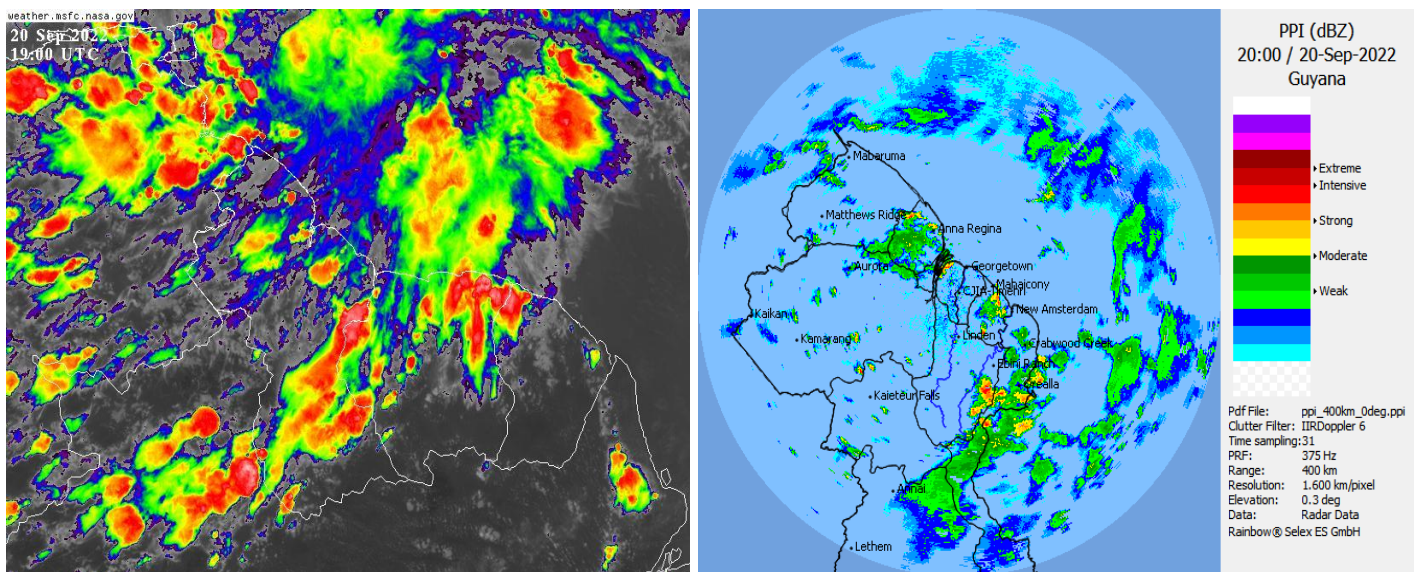
Today's weather review: Cloudy to overcast skies were observed over Guyana with showers and thundershowers.

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

Severe Weather Warnings: Heavy winds and lightning strikes are likely in areas of thundershowers. Persons are asked to take the necessary precautions.

Tuesday September 20, 2022 (19:00 hrs. – 07:00 hrs.)			Wednesday September 21, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 20 mm to 50 mm highest in regions 1, 6 and 7.	Mostly cloudy to overcast skies are expected to continue across Guyana. During the evening hours, thundershowers can be expected over regions 6 to 8 and 10. Coastal areas can expect scattered showers throughout the night and thundershowers developing in the early morning hours. <u>Winds:</u> mostly breezy becoming windy before and during heavy downpours. <u>Minimum temperatures:</u> Coast: 22 °C – 24°C Hinterland: 21 °C – 23 °C	Regions 1 to 10	 Rainfall between: 20 mm and 40 mm	Mostly cloudy skies can be expected across Guyana with occasional showers and thundershowers over coastal areas during the morning hours. All other areas can expect thundershowers in the mid to late afternoon. <u>Winds:</u> mostly breezy becoming windy before and during heavy downpours. <u>Maximum temperatures:</u> Coast: 29 °C – 31°C Hinterland: 30 °C – 32 °C

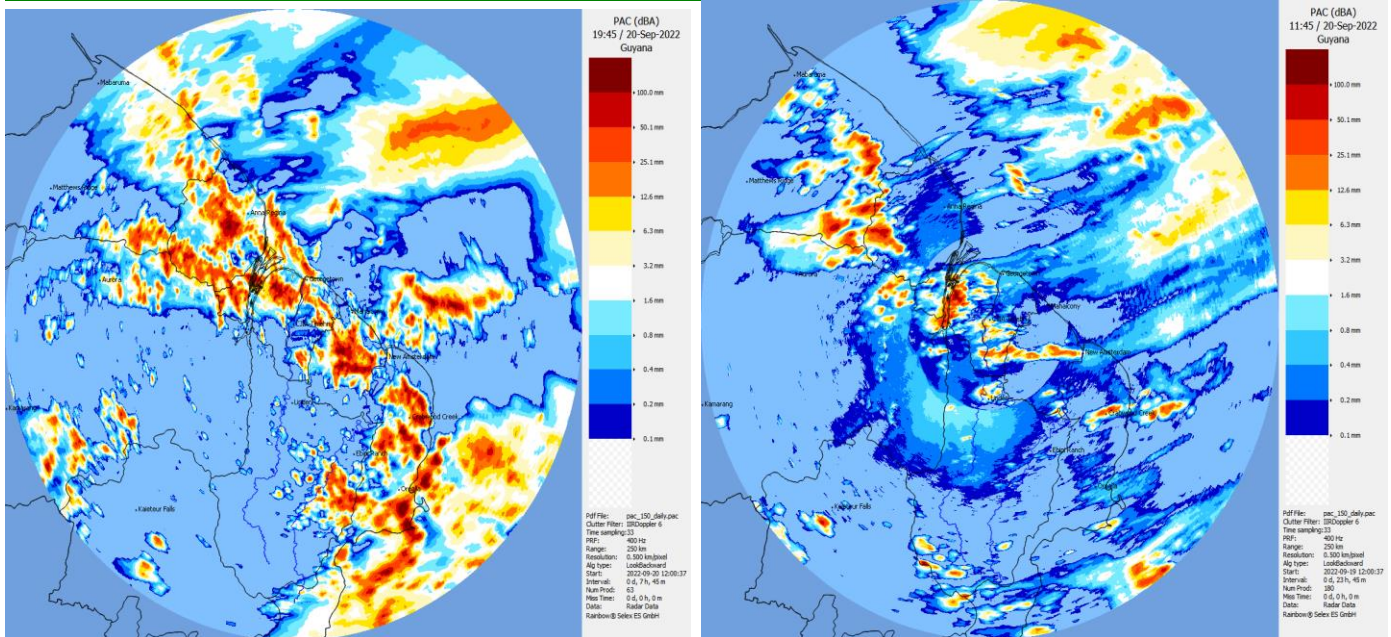
The long-term daily average rainfall for Georgetown, for the next 10 days September 21 to September 30 2022 is 2.6 mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00 hrs) Tuesday September 20, 2022.

Our Mission: To Observe, archive and understand Guyana's weather, and Climate and provide meteorological, hydrological and oceanographic service in support of Guyana's national needs and international obligation.

HYDROMETEOROLOGICAL SERVICE MINISTRY OF AGRICULTURE



Radar generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 15 hrs, September 20, 2022.

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

Tonight (September 20, 2022)	Tomorrow Morning (September 21, 2022)		Tomorrow Afternoon (September 21, 2022)
	High Tide 00:31 hr Height 2.41 m Low Tide 07:44 hrs Height 1.02 m		High Tide 14:02 hrs Height 2.46 m
Sunrise:	05:41 hrs	Sunset:	17:48 hrs

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

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

- These waves are likely to have periods between 6 and 8 seconds.
- Winds are expected to be easterly to southeasterly between 8 m/s to 10 m/s.

Extended Forecast

Thursday: Early morning cloudiness with a few passing showers becoming fair and sunny as the day progresses. Rainfall is expected between 5 mm to 10 mm within a 24 hours' period.

Friday thru Tuesday, mostly sunny skies can be expected across Guyana with afternoon thundershowers. Rainfall is anticipated between 5 mm to 15 mm, highest 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

Our Mission: To Observe, archive and understand Guyana's weather, and Climate and provide meteorological, hydrological and oceanographic service in support of Guyana's national needs and international obligation.