

# *HYDROMETEOROLOGICAL SERVICE*

## *MINISTRY OF AGRICULTURE*

**Severe Weather Warnings:** Soils may already be saturated and added with forecast conditions, this will likely lead to flooding in low lying and flood prone areas. Hilly areas may experience landslides, and areas where thundershowers are forecast heavy winds and lightning strikes are possible. Persons are asked to take the necessary precautions to safeguard life and property. Road users are asked to exercise caution as visibility is reduced during showers and roads become slippery.

### WEATHER BRIEF for Monday June 20, 2022 from the Hydrometeorological Service,

#### Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Monday June 20, 2022 were available for most of the stations. **The highest rainfall of 117.5 mm was recorded at De Kinderen Front in Region 3.**

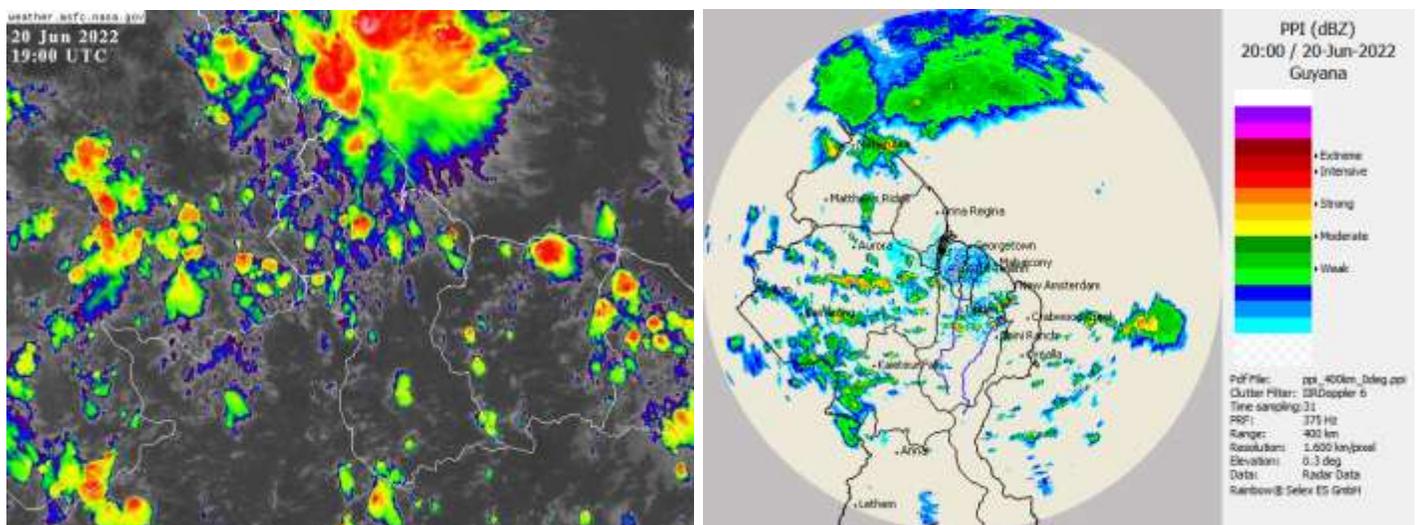
**Synopsis:** Tropical Wave #9 is currently affecting Guyana. Models shows some lingering instabilities continuing into tomorrow. The ITCZ is expected to pull further north as the wave continues. A noticeable decrease in moisture is seen for Wednesday and Thursday, as the ridge temporarily replaces the ITCZ. This will result in increase in South easterly wind flow pattern and concurrently pushing most convections north of Guyana and allowing some stable conditions.

**Today's weather review:** Regions 1 and 2 saw observed thundershowers and rain during the morning hours. Regions 3 to 7, 8 and 10 saw frequent showers and isolated thundershowers. Region 6 and 9 saw mostly fair to occasionally cloudy skies and isolated showers and thundershowers.

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

Monday June 20, 2022 (19:00 hrs. – 07:00 hrs.)			Tuesday June 21, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1, 7, 8 and 10	 Rainfall between: 10 mm to 30 mm.	Mostly cloudy skies will continue across Northern Guyana with thundershowers over Regions 7, 8 and 10 during the evening. Regions 1 to 5 will see few brief showers in the early morning. the remainders of Guyana will see mostly fair skies becoming cloudy at times in the early morning.	Regions 8 and 10	 Rainfall between: 20 mm and 45 mm	Coastal areas will see mostly fair to occasionally cloudy skies with scattered showers. All other areas will see mostly cloudy skies with occasional to frequent showers. Thundershowers can be expected over Regions 8 and 10 during the morning hours.
All other areas	 Rainfall between: 0 mm to 10 mm.	<u>Winds:</u> Mostly light becoming windy at times. <u>Minimum temperatures:</u> Coast: 23 °C – 25 °C Hinterland: 21 °C – 23 °C	All other areas.	 Rainfall between: 10 mm to 15 mm.	<u>Winds:</u> mostly breezy becoming windy at times. <u>Maximum temperatures:</u> Coast: 29 °C – 31 °C Hinterland: 28 °C – 30 °C

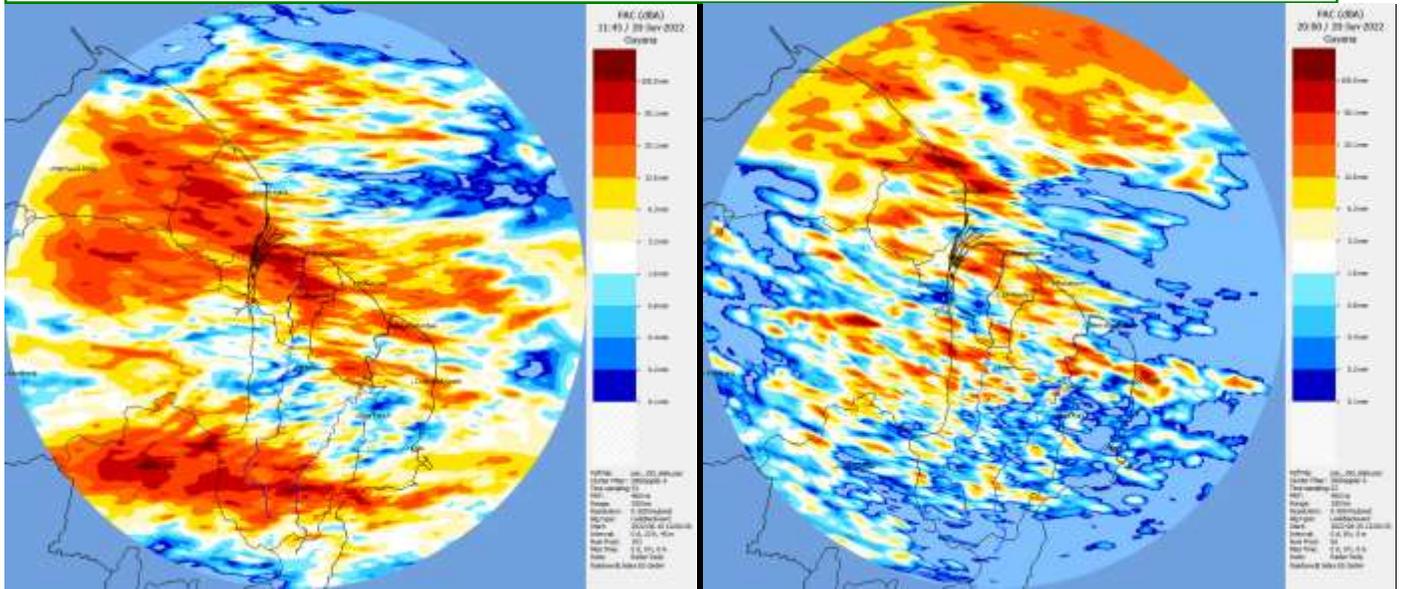
The long-term daily average rainfall for Georgetown, for the next 10 days, June 21, 2022 to June 30, 2022 is 10.6mm per day.



**Infra-red Satellite and Radar images valid 19:00 UTC (15:00 hrs) Monday June 20, 2022.**

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Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 7 hrs and 16 hrs, 20 June 2022.

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

Tonight (June 20, 2022)	Tomorrow Morning (June 21, 2022)		Tomorrow Afternoon (June 21, 2022)
High Tide 21:38 hrs Height 2.58 m	Low Tide 03:50 hrs Height 1.16 m		Low Tide 16:00 hrs Height 1.01 m
	High Tide 10:08 hrs Height 2.54 m		
Sunrise:	05:37 hrs.	Sunset:	18:09 hrs.

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

**Sea conditions:** **SLIGHT TO MODERATE SEAS WITH EASTERLY WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS.**

- THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 AND 9 SECONDS.
- WINDS ARE EXPECTED TO BE TO EASTERLY BETWEEN 5 M/S TO 8 M/S

**Extended Forecast**

**Wednesday and Thursday:** Partly cloudy to cloudy skies with scattered showers and isolated thundershowers. **Rainfall between 5 mm to 20 mm within a 24 hours' period.**

**Friday thru Sunday,** mostly cloudy to overcast skies with frequent showers and intermittent rain. **Thundershowers can be expected over coastal areas during the morning hours. Rainfall is anticipated between 40 mm to 80 mm within a 24 hours' period., highest values are expected on Saturday.**

For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook June 2022 to August 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](http://www.hydromet.gov.gy)

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