

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE

Severe Weather Warnings: Forecast conditions may likely lead to flooding / exacerbate flooding in flood prone areas. Areas with thundershowers may also experience lightning and high winds. Residents are asked to take necessary precautions to safeguard against flooding, mudslides, wind and lightning damage.

Weather Brief for Thursday June 16, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Thursday June 16, 2022 were available for most of the stations. **The highest rainfall of 46.0 mm was recorded at Deer Creek in Region 9.**

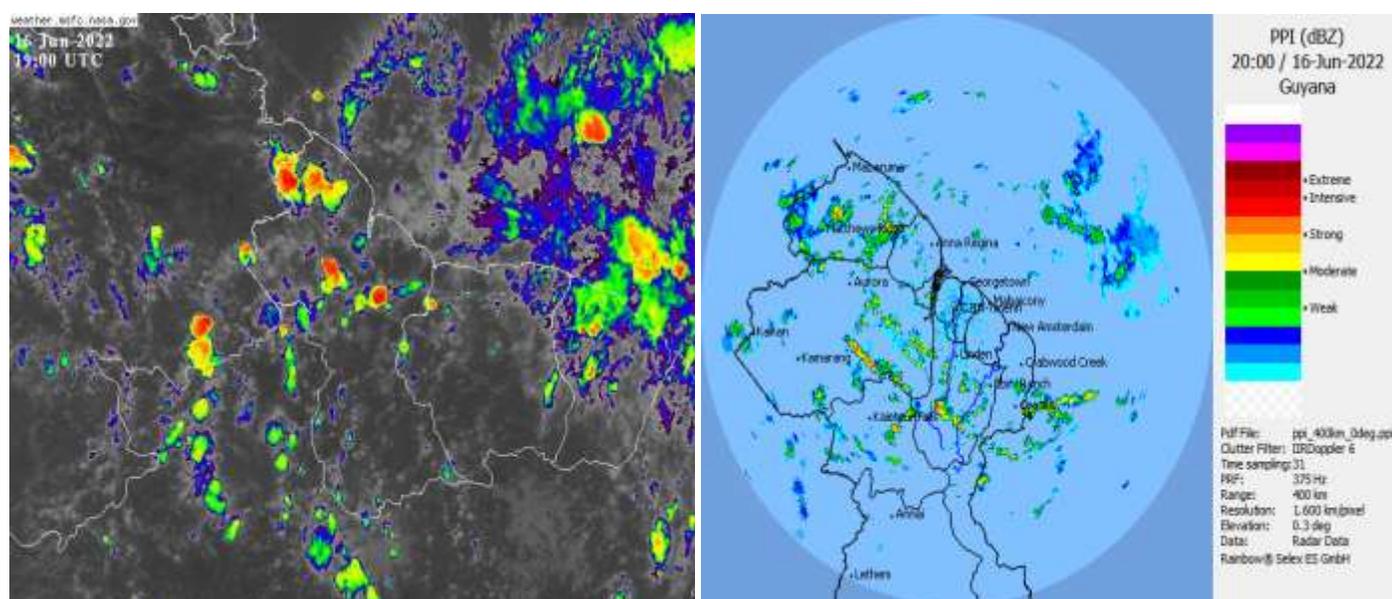
Synopsis: Weak instabilities were observed over Guyana. Model forecast shows the ITCZ regenerating over coastal areas within the next 12 to 24 hours and will maintain itself into mid-next week. This will increase rainfall activity over coastal and inland areas.

Today's weather review: Mostly fair and sunny skies was observed throughout Guyana with scattered showers and isolated thundershowers over inland areas.

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

Thursday June 16, 2022 (19:00 hrs. – 07:00 hrs.)			Friday June 17, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal and inland Areas	 Rainfall between: 20 mm to 50 mm.	Coastal and inland areas can expect fair to cloudy skies becoming overcast in the early morning with intermittent to continuous rain and thundershowers. All other areas will see cloudy skies with scattered showers in the early morning.	Regions 1 to 5, 7 and 10	 Rainfall between: 50 mm and 80 mm	Mostly overcast skies can be expected over coastal and inland areas with intermittent to continuous rain and thundershowers. All other areas will see cloudy skies with occasional showers.
All other areas	 Rainfall between: 10 mm to 20 mm.	Winds: Mostly light becoming windy before and during showers. <u>Minimum temperatures:</u> Coast: 22 °C – 24 °C Hinterland: 20 °C – 22 °C	All other areas.	 Rainfall between: 20 mm to 40 mm.	Winds: Mostly light becoming windy before and during showers. <u>Maximum temperatures:</u> Coast: 26 °C – 28 °C Hinterland: 28 °C – 30 °C

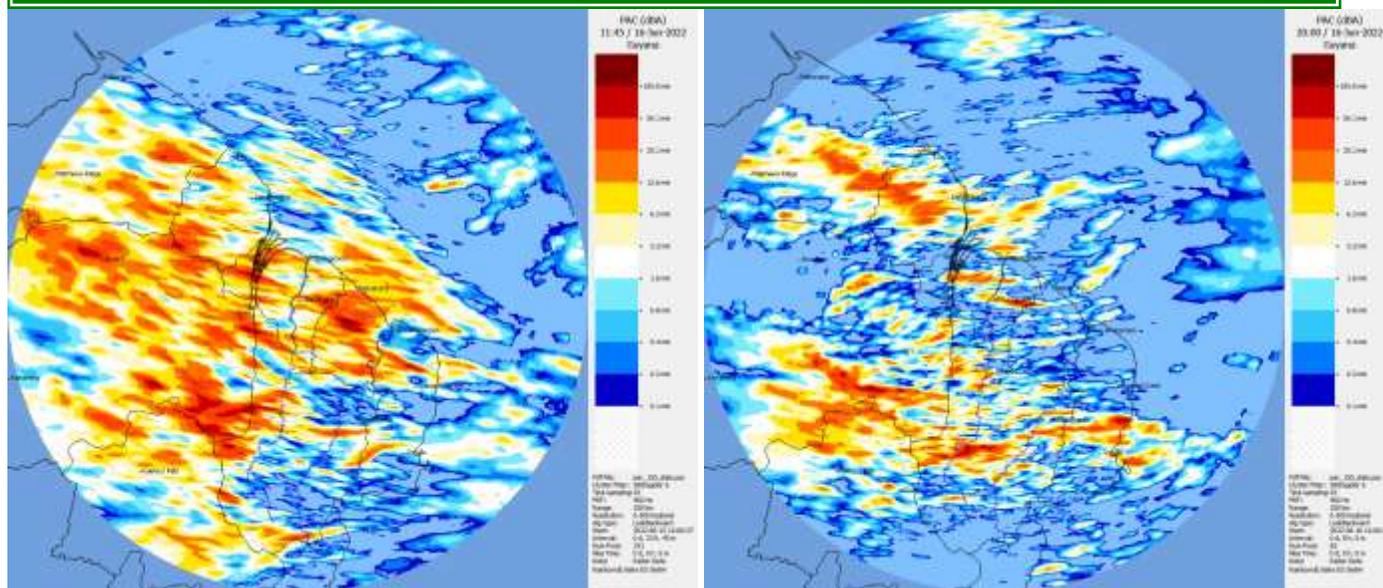
The long-term daily average rainfall for Georgetown, for the next 10 days, June 16, 2022 to June 25, 2022 is 11.1mm per day.



Infra-red Satellite and Radar images valid 19:00 UTC (15:00 hrs) Thursday June 16, 2022.

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

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

HIGH TIDE ADVISORY: Citizens are reminded that the above normal high tide advisory is in effect until Sunday June 19, 2022. Above normal high tides coupled with high waves may lead to overtopping of the river and sea defence vulnerable areas. All necessary precautions should be taken.

Tonight (June 16, 2022)	Tomorrow Morning (June 17, 2022)		Tomorrow Afternoon (June 17, 2022)
Low Tide 23:44 hrs Height 0.81 m	High Tide 06:03 hrs Height 3.06 m		Low Tide 12:25 hrs Height 0.33 m
Sunrise:	05:37 hrs.	Sunset:	High Tide 18:46 hrs Height 2.82 m 18:08 hrs.

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

- These waves are likely to have periods of between 7 and 9 seconds.
- Winds are expected to be northeasterly to easterly between 8 to 10 m/s.

Extended Forecast

Saturday thru Wednesday: Mostly cloudy to overcast skies can be expected throughout Guyana with intermittent to continuous rain and thundershowers over Northern Guyana. **Rainfall is anticipated between 60 mm to 100 mm within a 24 hours' period. However, on Saturday thru Monday, coastal areas of Regions 1 to 3 may likely record values in excess of 100 mm.** Southern Guyana will see occasional to frequent showers and isolated thundershowers. **Rainfall is anticipated between 30 mm to 60 mm within a 24 hours' period.**

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
Meteorologist: E. McPherson

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