

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE

Severe Weather Warnings: Soils may already be saturated, hence forecast conditions may lead to flooding/exacerbate flooding in flood prone areas. Hilly areas may see mudslides. 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 Sunday June 12, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Sunday June 12, 2022 were available for most of the stations. **The highest rainfall of 90.0 mm was recorded at Karaudarnau in Region 9.**

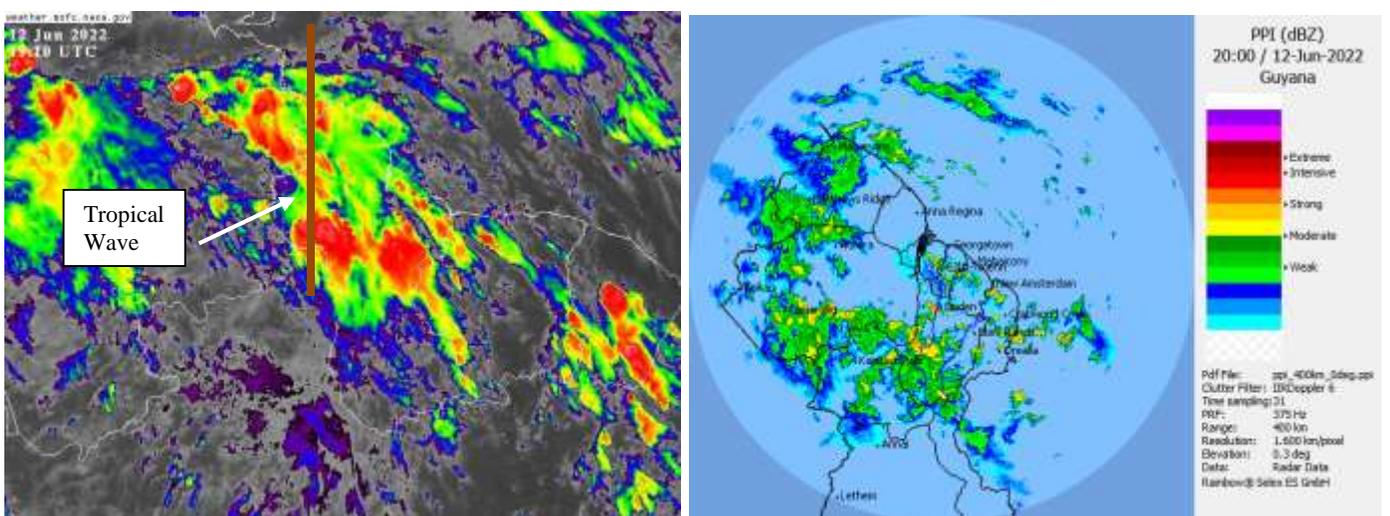
Synopsis: Tropical Wave #7 is currently affecting the area. In the wake of the wave, atmospheric conditions will still favor moderate to isolated strong instabilities over Guyana until Tuesday. Thereafter, atmospheric moisture is shown to gradually reduce, as a noticeable drying out is seen at the 700 mm to 200 mb. With this, mostly stable conditions can be expected for most of the week ahead.

Today's weather review: Mostly cloudy to overcast skies with frequent thundershowers and rain throughout Guyana.

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

Sunday June 12, 2022 (19:00 hrs. – 07:00 hrs.)			Monday June 13, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 30 mm to 60 mm.	Cloudy to overcast skies will continue throughout Guyana with frequent showers and thundershowers. Rainfall intensities are expected to be mostly moderate becoming heavy during thundershowers and may be accompanied by gusty winds and lightning strikes.	Regions 3 to 5	 Rainfall between: 20 mm and 40 mm	Throughout Guyana will continue to see cloudy to overcast skies with frequent showers and thundershowers during the morning hours. Some coastal areas are likely to see reduction and improvement into the afternoon. Rainfall intensities are expected to be mostly moderate becoming heavy during thundershowers and may be accompanied by gusty winds and lightning strikes
		Winds: Light becoming windy before and during thundershowers. Minimum temperatures: Coast: 21 °C – 23°C Hinterland: 20 °C – 22 °C	All other areas.	 Rainfall between: 30 mm to 80 mm.	

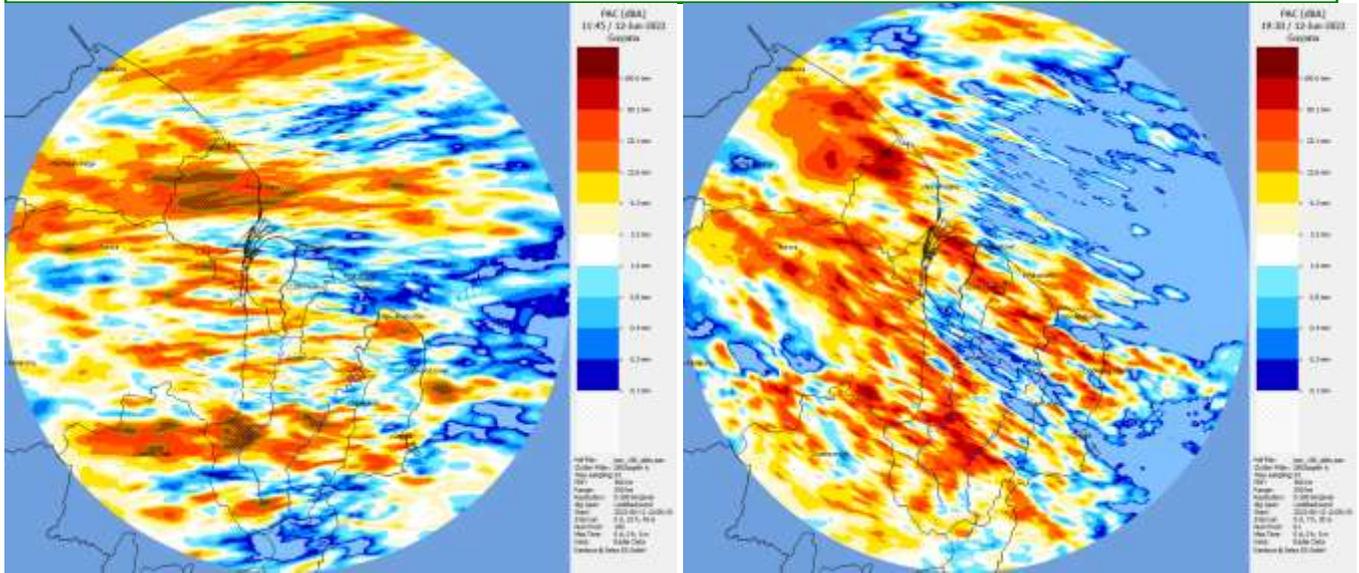
The long-term daily average rainfall for Georgetown, for the next 10 days, June 13, 2022 to June 22, 2022 is 11.5mm per day.



Infra-red Satellite and Radar images valid 19:10 UTC (15:10hrs) Sunday June 12, 2022.

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Radar generated precipitation estimates. Twenty-four and nine hours' rainfall valid 7 hrs and 16 hrs, June 12, 2022.

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

Tonight (June 12, 2022)	Tomorrow Morning (June 13, 2022)		Tomorrow Afternoon (June 13, 2022)
Low Tide 20:28 hrs Height 0.91 m	High Tide 02:46 hrs Height 3.05 m Above normal Low Tide 09:06 hrs Height 0.35 m		High Tide 15:26 hrs Height 2.80 m Above normal
Sunrise:	05:36 hrs.	Sunset:	18:07 hrs.

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is 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 of between 7 s and 9 s.
- Winds are expected to be to northeasterly to easterly between 7 to 10 m/s

Extended Forecast

Tuesday, Friday and Saturday: Cloudy to overcast skies with frequent thundershowers and rain over Northern Guyana. Southern Guyana will see mostly fair and sunny skies during the morning and thundershowers in the afternoon. **Rainfall is anticipated between 30 mm to 60 mm within a 24 hours' period over Northern Guyana and between 0 mm to 15 mm over southern Guyana.**

Wednesday and Thursday, mostly fair and sunny skies can be expected throughout Guyana with afternoon thundershowers. **Rainfall is anticipated between 10 mm to 20 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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