

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE





WEATHER BRIEF for Wednesday June 01, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hr Wednesday June 01, 2022 were available for most of the stations. **The highest rainfall recorded was 57.1mm at 58 miles Mabura Road in Region 10.**

Synopsis: A tropical wave, which is embedded in deep atmospheric moisture, is currently affecting the forecast area. After the passage of this wave tomorrow, a train of lower atmospheric troughs, deep atmospheric moisture and the ITCZ are forecast to affect the forecast area.

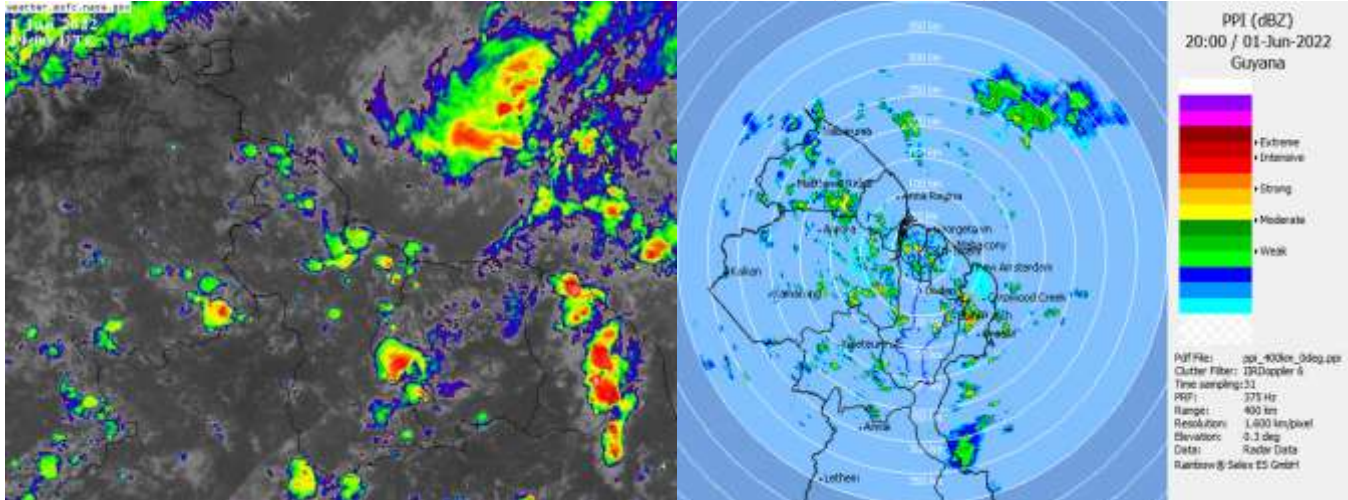
Today's weather review: Cloudy to overcast skies were experienced over most areas today. Scattered showers and intermittent to frequent rain were also experienced. Thundershowers were also seen over southern regions 1 to 5 and parts of regions 6 to 8 and 10 beginning during the late morning hours.

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

Wednesday June 01, 2022 (19:00 hrs. – 07:00 hrs.)			Thursday June 02, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 3	 Rainfall between: 25.0 mm to 50.0 mm.	Cloudy to overcast conditions are forecast for all regions tonight. All regions may also see intermittent to frequent rain and showers of varying intensities. Isolated thundershowers are also likely over regions 4 to 10. <u>Winds:</u> Varying directions between 2 m/s to 5 m/s, gusting to in excess of 15 m/s before and during heavy downpours.	Coastal regions 1 to 6	 Rainfall between: 25.0 mm and 60.0 mm	Cloudy to overcast skies are likely to continue over all regions. Intermittent to frequent rain and showers of varying intensities are also likely to continue throughout all regions of the forecast area. Thundershowers are most likely over southern regions 1 to 5 and parts of regions 6 to 10, beginning during the late morning hours. <u>Winds:</u> Varying directions between 4 m/s to 8 m/s, gusting to in excess of 15 m/s during downpours.
All other areas	 Rainfall between: In excess of 75 mm.	<u>Minimum temperatures:</u> Coast: 21 °C – 25 °C Hinterland: 18 °C – 21 °C	All other areas.	 Rainfall between: In excess of 80 mm.	<u>Maximum temperatures:</u> Coast: 27 °C – 30°C Hinterland: 26 °C – 30 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, June 02, 2022 to June 11, 2022 is 11.1mm per day.

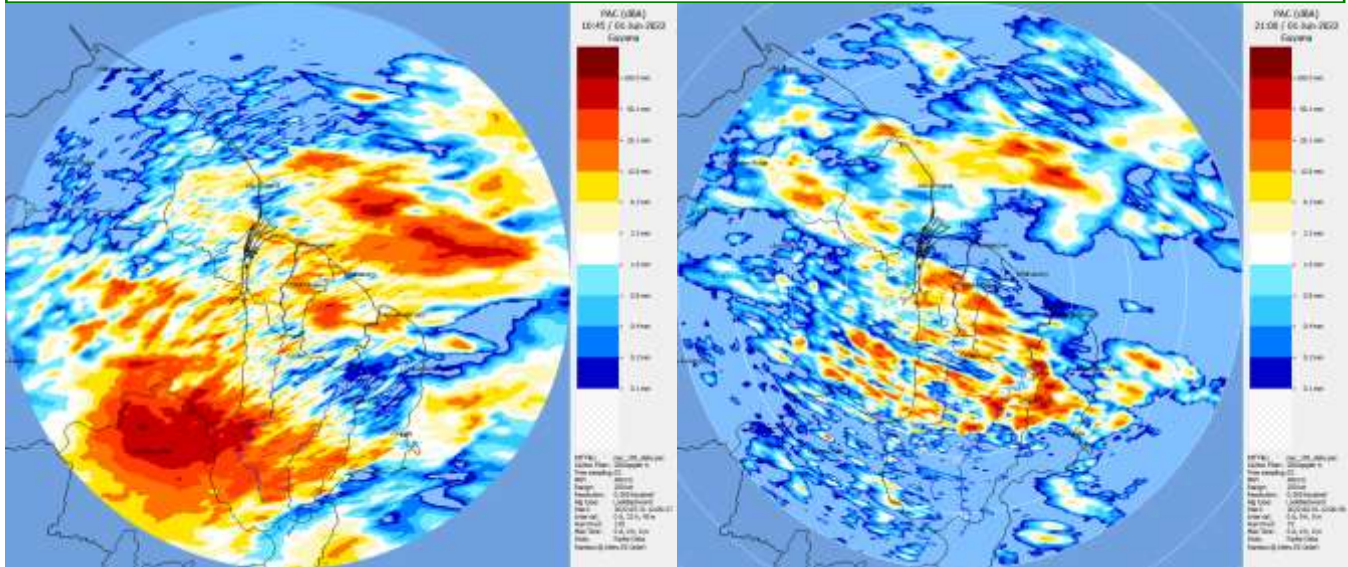
Severe Weather Warnings: FORECAST WEATHER CONDITIONS WILL LIKELY LEAD TO FLOODING/CONTINUED FLOODING IN FLOOD PRONE AREAS AND POSSIBLE LANDSLIDES OVER HILLY AREAS. AREAS WITH THUNDERSHOWERS MAY EXPERIENCE STRONG WINDS AND LIGHTNING. RESIDENTS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD LIFE AND PROPERTY AGAINST POSSIBLE FLOODING, MUDSLIDE, WIND AND LIGHTNING DAMAGE.



Infra-red Satellite and Radar images valid 19:00 UTC (15:00hrs) Wednesday June 1, 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 16 hrs, 01 June 2022.

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

Tonight (June 01, 2022)	Tomorrow Morning (June 02, 2022)		Tomorrow Afternoon (June 02, 2022)
Low Tide 23:24hrs Tide Height 0.95m	High Tide 05:05hrs Tide Height 2.76m ABOVE NORMAL Low Tide 11:56hrs Tide Height 0.83m		High Tide 18:30hrs Tide Height 2.51m
Sunrise:	05:35hrs.	Sunset:	18:05hrs.

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is in effect. 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.

Sea conditions: SLIGHT TO MODERATE SEAS WITH NORTHEASTERLY WAVES REACHING HEIGHTS OF 1.5 TO 2.0 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 SOUTHEASTERLY BETWEEN 5 M/S TO 8 M/S

Extended Forecast

Friday thru' Tuesday: Cloudy to cloudy conditions accompanied by frequent to continuous rain and showers of varying intensities are forecast to continue throughout Guyana during this period. Thundershowers are likely over northern Guyana throughout this period and over southern Guyana On Saturday and Sunday. Between 20 mm and 80 mm rainfall is likely, with in excess of 100 mm over areas with thundershowers.

For the Current Regional climate forecast please see the latest Seasonal Climate Outlook which is available on Hydrometeorological Service's website <https://hydromet.gov.gy>

Update in the bulletin is provided daily by the Hydromet Service

Specialist Meteorologist: L. Alves

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.