

**HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE**






WEATHER BRIEF for Thursday August 04, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hr Thursday August 04, 2022 were available for most of the stations. **National Weather Watch Centre, Timehri in Region 4 recorded the highest rainfall of 71.9 mm.**

Synopsis: Tropical wave 17 is currently affecting northern Guyana. This wave is embedded in a moist atmosphere and strong divergent flow in the upper atmosphere. These features will continue over the next 12 hours. Over southern Guyana, a dry south-easterly wind is producing mostly stable conditions.

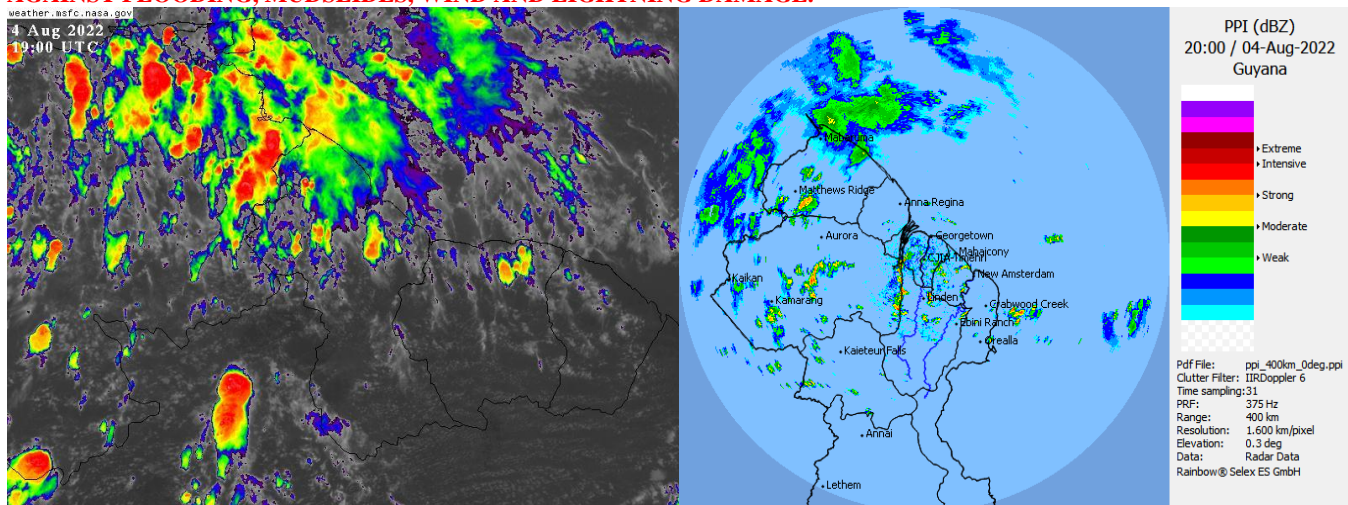
Today's weather review: Mostly cloudy skies were seen over northern Guyana today. Scattered showers and isolated thundershower were also experienced. Southern areas saw partly cloudy to cloudy skies with mostly light showers.

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

Thursday August 04 2022 (19:00 hrs. – 07:00 hrs.)			Friday August 05, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 2 to 6	 Rainfall between: 5.0 mm to 15.0 mm.	Regions 2 to 6 may experience partly cloudy skies during the evening hours. Cloudy spells with a few showers are likely during the early morning hours. Regions 1, 7 and 10 may experience cloudy skies with scattered showers and possible isolated thundershowers. Precipitation is less likely towards the early morning hours. Partly cloudy skies with possible isolated showers are expected over all other areas.	Regions 1, 7 and 10.	 Rainfall between: 20.0 mm and 45.0 mm	Mostly cloudy skies with light to moderate showers are forecast for regions 1, 7 and 10. These areas may also experience isolated thundershowers beginning in the late morning hours. Regions 2 to 6 may experience partly cloudy to cloudy skies with a few light showers during the morning hours. Conditions are likely to improve as the day progresses. All other locations can expect fair to partly cloudy skies with a few light showers.
Regions 1, 7 and 10	 Rainfall between: 15.0 mm to 45.0 mm.	Winds: North-easterly between 2 m/s and 4 m/s becoming south-easterly during the morning hours. Gusty winds are possible in areas with downpours.	All other areas.	 Rainfall between: 0.0 mm to 10.0 mm.	Winds: Northeasterly to easterly between 4 m/s and 8 m/s, becoming gusty at times.
All other areas.	 Rainfall between: 0.0 mm to 10.0 mm.	Minimum temperatures: Coast: 21 °C – 25 °C Hinterland: 18 °C – 21 °C			Maximum temperatures: Coast: 29 °C – 32 °C Hinterland: 29 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days August 05 to August 14, 2022 is 6.6 mm per day.

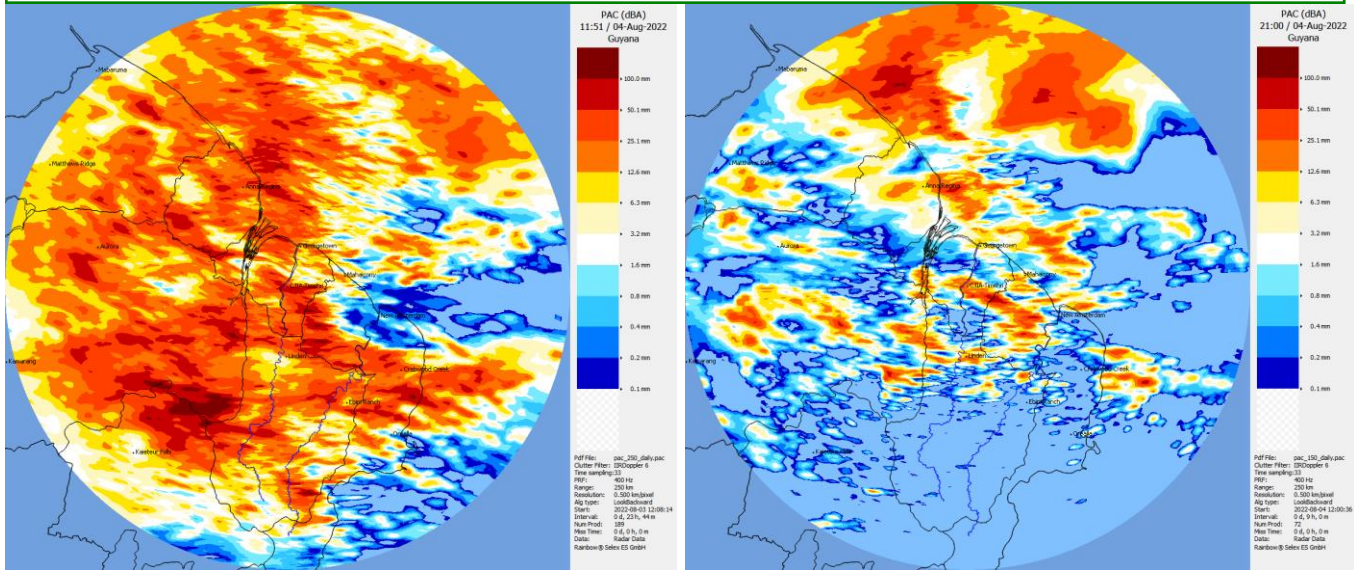
Severe Weather Warnings: FORECAST CONDITIONS MAY LEAD TO FLOODING OF FLOOD PRONE AREAS AND MUDSLIDES OVER HILLY AREAS. AREAS WITH THUNDERSHOWERS MAY ALSO EXPERIENCE INTENSE WINDS AND LIGHTNING DAMAGE. CITIZENS ARE ADVISED TO TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD LIFE AND PROPERTY AGAINST FLOODING, MUDSLIDES, WIND AND LIGHTNING DAMAGE.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Thursday August 04, 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, 04 August 2022.

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

Tonight (August 04, 2022)	Tomorrow Morning (August 05, 2022)		Tomorrow Afternoon (August 05, 2022)
High Tide 20:33hrs Height 2.57	Low Tide 03:08hrs Tide Height 0.94m		Low Tide 14:49hrs Tide Height 1.11m
	High Tide: 08:57hrs Tide Height 2.49m		
Sunrise:	05:46hrs	Sunset:	18:10hrs

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

Sea conditions: SLIGHT TO MODERATE SWELLS WITH NORTHEASTERLY WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS.

- **THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 6 S AND 9 S.**
- **WINDS ARE EXPECTED TO BE TO EASTERLY TO SOUTHEASTERLY BETWEEN 5 M/S TO 8 M/S**

Extended Forecast

Sunday thru' Wednesday: Regions 7 and 10 may experience cloudiness during the afternoon and early evening hours. Scattered showers and possible isolated thundershowers may accompany these conditions. Partly cloudy to cloudy skies are likely for the rest of the day. Between 20 mm and 50 mm rainfall is likely. Regions 1 to 6 may experience partly to cloudy skies with few morning showers. Generally fair weather is likely for the rest of the day. Rainfall is not likely to exceed 15 mm. All other areas can expect generally fair weather with possible light showers. No significant rainfall is likely.

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.