

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE

WEATHER BRIEF for Wednesday September 21, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday September 21, 2022 were available for most of the stations.

Wakapoa in Region 2 recorded the highest rainfall of 80.0 mm.

High Tide Advisory: Citizens are advised that the above normal high tide advisory is not in effect.





Severe Weather Warnings: Heavy winds and lightning strikes are likely in areas of thundershowers. Persons are asked to take the necessary precautions.

Marine Advisory: None at this time.

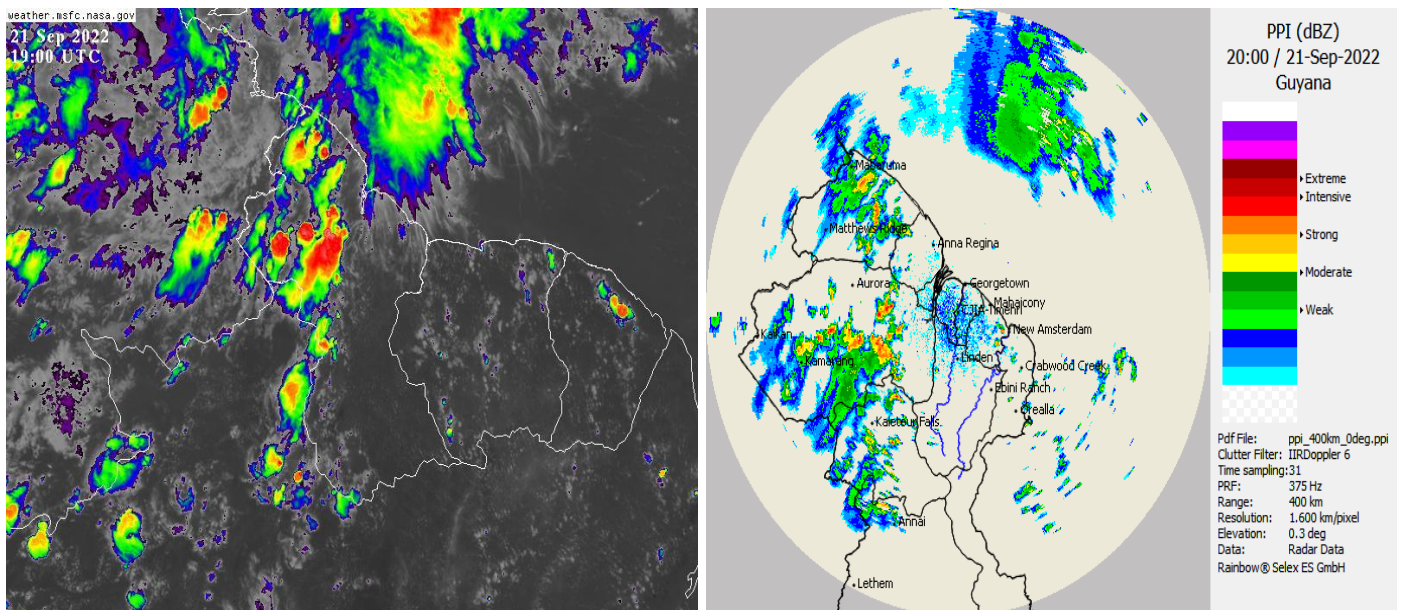
Synopsis: A tropical wave moving westward with tilted axis over regions 1 to 3 and 7 produced some instabilities over these areas. The wave is expected to exit these areas by tomorrow morning, leaving a southerly flow and subsidence to prevail afterwards, hence generating mainly stable conditions.

Today's weather review: Cloudy skies with occasional showers and thundershowers were observed over regions 1, 2, 7 and 8. All other areas observed partly cloudy skies with isolated showers.

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

Wednesday September 21, 2022 (19:00 hrs. – 07:00 hrs.)			Thursday September 22, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 3, 7 & 8.	 Rainfall between: 15 to 35 mm.	Cloudy skies with frequent showers and isolated thundershowers are likely over regions 1 to 3, 7 and 8, all other areas can expect partly cloudy skies with brief showers. <u>Winds:</u> Easterly between 2 to 5 m/s, gusting to in areas with thundershowers. <u>Minimum temperatures:</u>	Regions 1 to 3 & 7.	 Rainfall between: 10 to 25 mm	Cloudy skies with occasional showers and isolated thundershowers are likely over regions 1 to 3 and 7, All other areas can expect partly cloudy skies with isolated showers and thundershowers. <u>Winds:</u> Easterly to southeasterly between 3 to 6 m/s, gusting to in areas with thundershowers.
All other areas.	 Rainfall between: 0 to 10 mm.	Coast: 22 °C – 25°C Hinterland: 18 °C – 22 °C	All other areas.	 Rainfall between: 0 to 15 mm.	<u>Maximum temperatures:</u> Coast: 28 °C – 31°C Hinterland: 29 °C – 32 °C

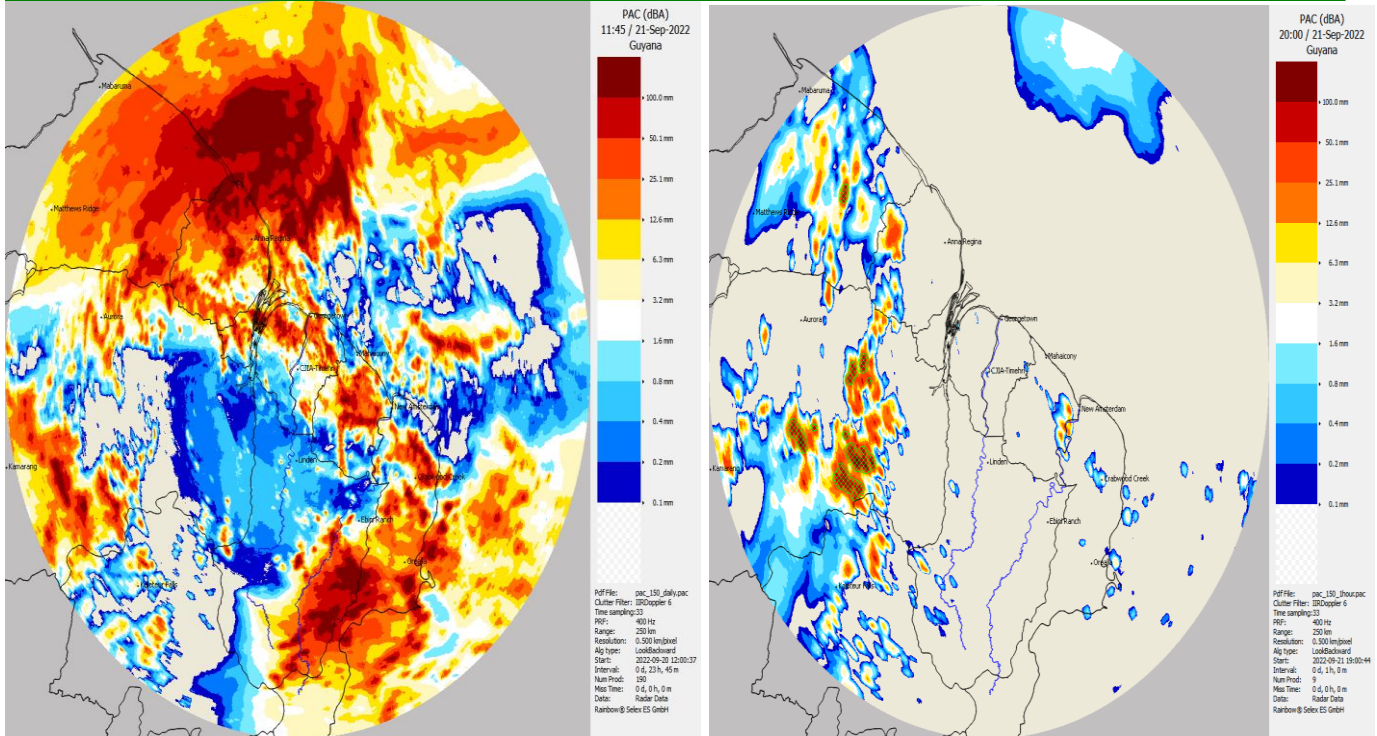
The long-term daily average rainfall for Georgetown, for the next 10 days September 22 to October 01 2022 is 2.6 mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Wednesday September 21, 2022.

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Radar generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 16 hrs, 21 September 2022.

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

Tonight (September 21, 2022)	Tomorrow Morning (September 22, 2022)		Tomorrow Afternoon (September 22, 2022)
Low Tide 19:29hrs Tide Height 1.14m	High Tide 01:21hrs Tide Height 2.58m Low Tide 08:20hrs Tide Height 0.91m		High Tide 14:37hrs Tide Height 2.64m
Sunrise:	05:40hrs	Sunset:	17:47hrs

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 between 6 and 7 seconds. Winds are expected to be easterly between 10 to 12 m/s.

Extended Forecast

Friday thru' Tuesday: Mostly fair and sunny skies are likely across Guyana. Coastal areas can expect brief morning showers, all other areas can expect isolated showers and thundershowers during the afternoon. **Rainfall is anticipated between 0 to 5 mm over coastal areas, all other areas between 5 to 15 mm within a 24 hours' period.**

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

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