

***HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE***

WEATHER BRIEF for Sunday June 19, 2022 from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00hrs Sunday June 19, 2022 were available for most of the stations. **The highest rainfall of 72.2 mm was recorded at Great Falls in Region 10.**

Severe Weather Warnings: Soils may already be saturated added with forecast conditions will likely lead to flooding in low lying and flood prone areas. Hilly areas may experience landslides, and areas where thundershowers are forecast heavy winds and lightning strikes are possible. Persons are asked to take the necessary precautions to safeguard life and property. Road users are asked to exercise caution as visibility is reduced during showers and roads become slippery.

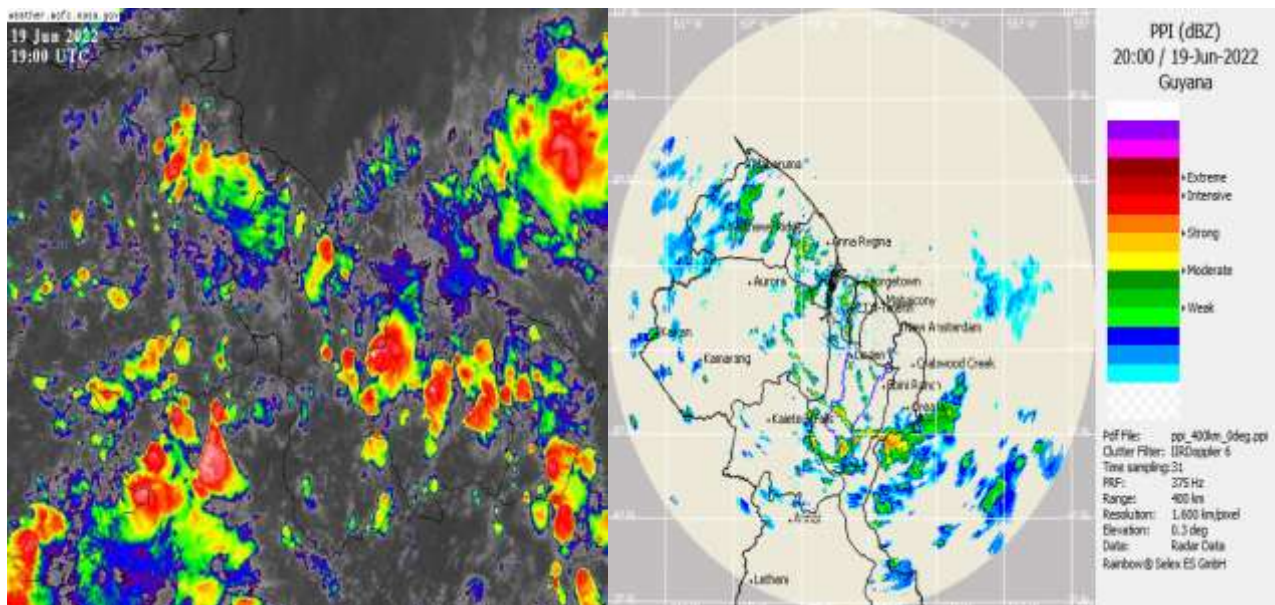
Synopsis: Surface to 1000 hPa confluence and propagation of low-mid atmospheric troughs associated with high moisture produced some instabilities across most of Guyana. Models are indicating similar atmospheric dynamics for next 12 to 36 hours over the forecast area. A tropical wave is expected to move into the forecast area approaching the morning hours.

Today's weather review: Regions 1 to 4 and 7 observed mainly cloudy to overcast skies with frequent to continuous rain and scattered thundershowers. Southern region 6, 8 and 9 observed partly cloudy to cloudy skies with light to moderate showers. All other areas observed cloudy skies with intermittent rain and scattered thundershowers.

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

Sunday June 19, 2022 (19:00 hrs. – 07:00 hrs.)			Monday June 20, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal areas	 Rainfall between: 10 to 30 mm.	Inland regions 6 to 10 can expect cloudy to overcast skies with intermittent to continuous rain and thundershowers. All remaining areas can expect partly cloudy to cloudy skies becoming overcast with scattered showers and intermittent rain approaching the morning hours. Winds: Northeasterly to Easterly between 2 to 5 m/s, Gusting before and during heavy downpours.	Coastal areas	 Rainfall between: 10 to 35 mm	Cloudy skies with intermittent rain, scattered showers and thundershowers are likely over coastal regions during the morning hours, conditions expected to improve in the afternoon. All other areas can expect mainly cloudy skies becoming overcast with frequent rain and isolated thundershowers. Winds: Northeasterly to Easterly between 3 to 6 m/s, Gusting before and during heavy downpours.
All other areas, Highest rainfall amounts likely over regions 7, 8 and 10.	 Rainfall between: 25 to 60 mm.	Minimum temperatures: Coast: 22 °C – 25°C Hinterland: 19 °C – 22 °C	All other areas.	 Rainfall between: 20 to 45 mm.	Maximum temperatures: Coast: 28 °C – 31°C Hinterland: 27 °C – 30 °C

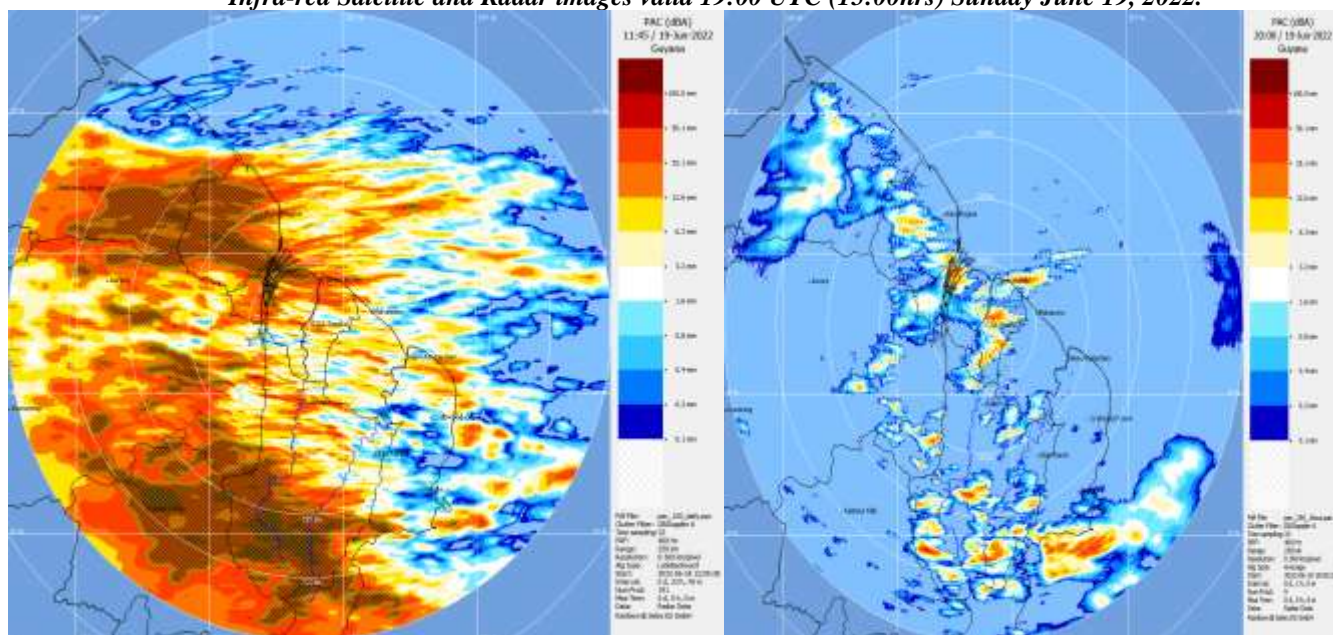
The long-term daily average rainfall for Georgetown, for the next 10 days, June 19, 2022 to June 28, 2022 is 10.9mm per day.



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



Radar generated precipitation estimates. Twenty-four and eight hours rainfall valid 7 hrs and 15 hrs, 19 June 2022.

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

Tonight (June 19, 2022)	Tomorrow Morning (June 20, 2022)		Tomorrow Afternoon (June 21, 2022)
<i>High Tide 20:33hrs Height 2.65m</i>	<i>Low Tide 02:39hrs Tide Height 1.11m</i> <i>High Tide 09:00hrs Tide Height 2.66m</i>		<i>Low Tide 15:01hrs Tide Height 0.85hrs</i>
<i>Sunrise:</i>	<i>05:37hrs.</i>	<i>Sunset:</i>	<i>18:08hrs.</i>

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

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 between 7 and 9 seconds. Winds are expected to be northeasterly between 7 to 10 m/s.

Extended Forecast

Tuesday: Cloudy skies with intermittent rain, scattered showers and thundershowers are likely over coastal regions during the morning hours, conditions expected to improve in the afternoon. All other areas can expect mainly cloudy skies becoming overcast with frequent rain and isolated thundershowers. **Rainfall is anticipated between 10 to 35 mm over coastal areas, all other areas between 25 to 50 mm within a 24 hours' period.**

Wednesday and Thursday: Morning cloudy spells with brief showers are likely over coastal areas, conditions are expected to become partly cloudy and sunny afterwards. All other areas can expect cloudy skies with occasional showers and isolated thundershowers during the afternoon into early evening. **Rainfall is anticipated between 0 to 15 mm over coastal areas, all other areas between 10 to 30 mm within a 24 hours' period.**

Friday and Saturday: Cloudy skies with scattered showers, isolated thundershowers and intermittent rain are likely over coastal areas and inland regions 7 and 10. All other areas can expect partly cloudy skies with scattered light to moderate showers. **Rainfall is anticipated between 10 to 30 mm over coastal areas and inland regions 7 and 10, all other areas between 0 to 10 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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