

HYDROMETEOROLOGICAL SERVICE

MINISTRY OF AGRICULTURE





WEATHER BRIEF for Saturday June 18, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hr Saturday June 18, 2022 were available for most of the stations. **The highest rainfall of 32.4 mm was recorded at Portage Landing in Region 7.**

Synopsis: Weak troughing in the low to mid atmosphere and deep atmosphere moisture continues to produce pockets of unstable conditions throughout the forecast area. This atmospheric configuration is forecast to persist for the next 12 to 24 hrs, after which an approaching tropical wave is expected to increase the instability over the area.

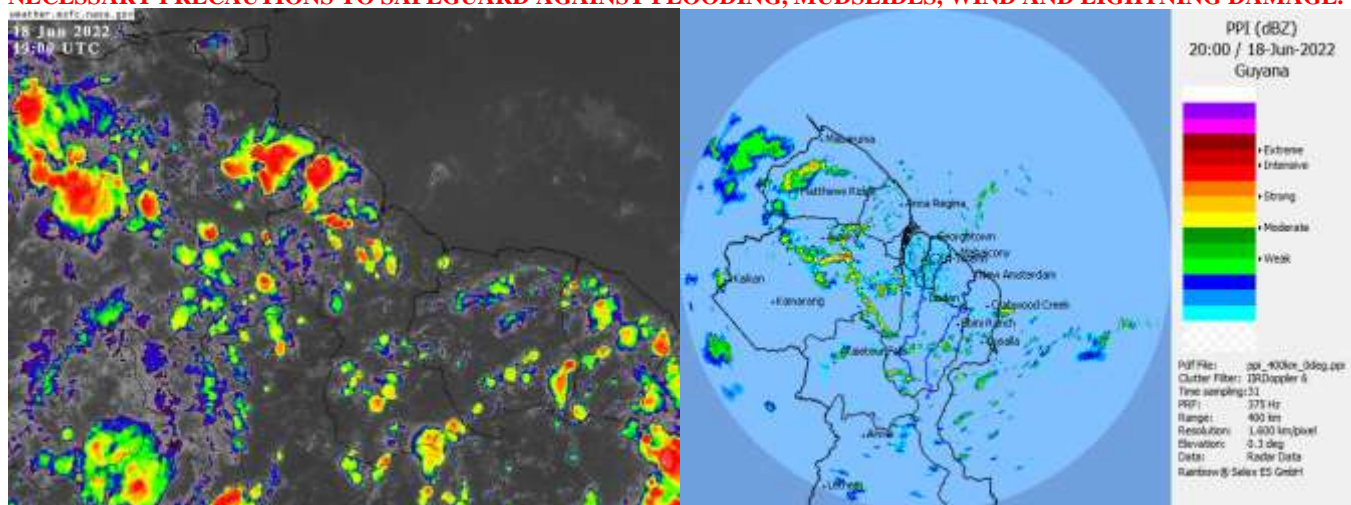
Today's weather review: Coastal Guyana experienced cloudy skies with scattered light to moderate showers during the morning hours and partly cloudy skies isolated light showers during the afternoon hours. All other locations observed mostly cloudy skies with scattered showers and isolated thundershowers.

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

Saturday June 18, 2022 (19:00 hrs. – 07:00 hrs.)			Sunday June 19, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 3 to 5 and coastal region 6	 Rainfall between: 5.0 mm to 25.0 mm, with the maximum over regions 3 and 4	Fair to partly cloudy skies are expected over regions 3 to 5 and coastal region 6 at the beginning of the night. Cloudy skies with light to moderate showers and intermittent rain may begin towards the end of the period. Mostly cloudy skies are likely throughout the rest of the country. Scattered showers and isolated thundershowers may accompany these conditions. <u>Winds:</u> Varying directions between 1 m/s and 4 m/s, gusting to in excess of 15 m/s over areas with downpours.	Coastal areas.	 Rainfall between: 10.0 mm and 30.0 mm	Occasionally cloudy skies with scattered light to moderate showers and possible isolated thundershowers are forecast for coastal areas. Mostly cloudy skies becoming occasionally overcast are forecast for all other areas. Scattered showers and intermittent rain are also likely. Thundershowers may be experienced beginning during late morning hours. <u>Winds:</u> Northeasterly to southeasterly between 4 m/s and 8 m/s, gusting to in excess of 10 m/s before and during downpours.
All other areas	 Rainfall between: 20.0 mm to 50.0 mm.	<u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 19 °C – 22 °C	All other areas.	 Rainfall between: 25.0 mm to 50.0 mm.	<u>Maximum temperatures:</u> Coast: 28 °C – 31 °C Hinterland: 26 °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.

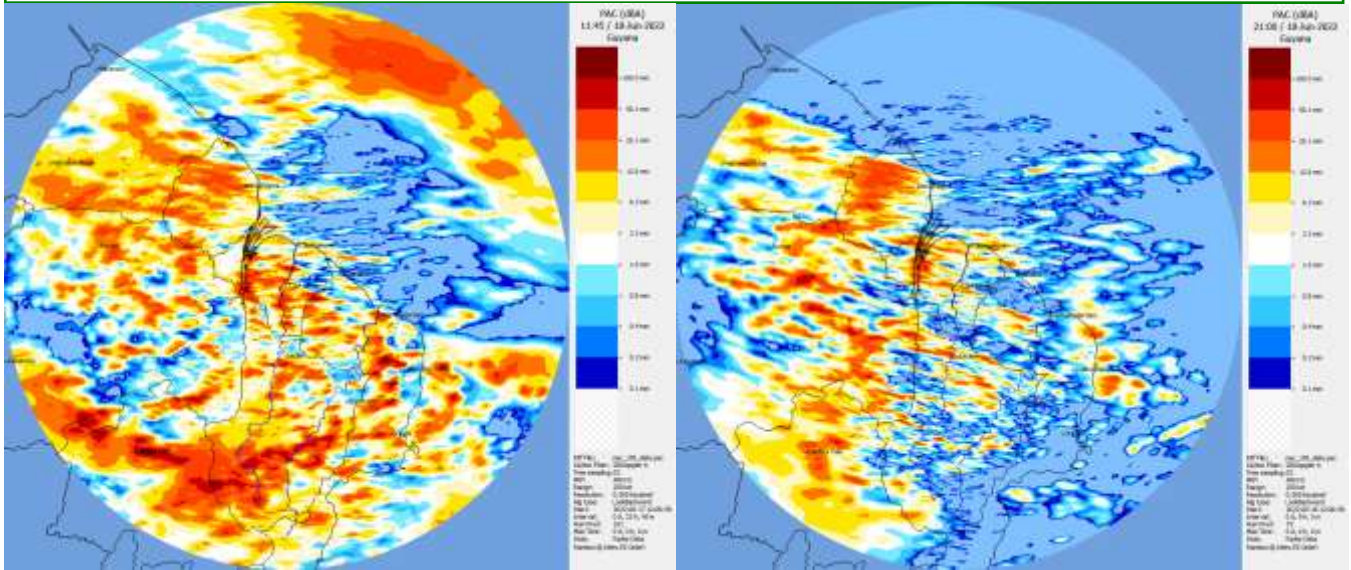
Severe Weather Warnings: **SOILS MAY ALREADY BE SATURATED, HENCE FORECAST CONDITIONS MAY LEAD TO FLOODING/EXACERBATE FLOODING IN FLOOD PRONE AREAS. HILLY AREAS MAY SEE MUDSLIDES. AREAS WITH THUNDERSHOWERS MAY ALSO EXPERIENCE LIGHTNING AND HIGH WINDS. RESIDENTS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD AGAINST FLOODING, MUDSLIDES, WIND AND LIGHTNING DAMAGE.**



Infra-red Satellite and Radar images valid 19:00 UTC (15:00hrs) Saturday June 18, 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.

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Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 7 hrs and 16 hrs, 18 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 18, 2022)	Tomorrow Morning (June 19, 2022)		Tomorrow Afternoon (June 19, 2022)
<p style="background-color: yellow; display: inline-block; padding: 2px;">High Tide 19:37hrs Height 2.74m</p> <p style="background-color: yellow; display: inline-block; padding: 2px; margin-top: 10px;">ABOVE NORMAL</p>	<p>Low Tide 01:34hrs Tide Height 1.01m</p> <p style="background-color: yellow; display: inline-block; padding: 2px; margin-top: 10px;">High Tide 07:57hrs Tide Height 2.81m</p> <p style="background-color: yellow; display: inline-block; padding: 2px; margin-top: 10px;">ABOVE NORMAL</p>		<p>Low Tide 14:06hrs Tide Height 0.66hrs</p>
Sunrise:	05:38hrs.	Sunset:	18:09hrs.

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 BETWEEN 6 M/S TO 9 M/S

Extended Forecast

Monday: Cloudy to overcast skies are likely over regions over northern Guyana. Frequent rain with scattered showers and thundershowers may accompany these conditions. Between 30 mm and 100 mm rainfall is likely. Southern Guyana may experience cloudy skies with scattered showers during the morning. Isolated thundershowers are likely during the afternoon. Between 20 mm and 50 mm rainfall is likely.

Tuesday thru' Friday: Partly cloudy to cloudy skies are likely over regions 1 to 5 and coastal region 6. Scattered light to moderate showers accumulating between 15 mm and 30 mm rainfall is likely. Showers are most likely during the morning hours. Cloudy skies with light to moderate showers may be observed during the morning. Isolated heavy showers and thundershowers are likely during the afternoon and early evening hours. Between 20 mm and 55 mm 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

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