

***HYDROMETEOROLOGICAL SERVICE***  
***MINISTRY OF AGRICULTURE***

**WEATHER BRIEF for today Friday, 17 May 2024, from the Hydrometeorological Service, Guyana**





Rainfall records for the past 24 hours, measured at 08:00 hrs Friday, May 17, 2024, were available for most stations.

**Capoey Lake in Region 2 recorded the highest rainfall of 40.3 mm.**

**Severe Weather Warnings:** Given that the soil may have already been saturated from heavy rainfall, the current and forecasted conditions will likely result in or continue to exacerbate flooding in low lying, and areas of poor drainage. In areas of thundershowers, heavy winds, and possible lightning strikes may be observed. Persons should exercise caution in efforts to safeguard life and property.

**Synopsis:** Mostly unstable conditions were observed over Regions 1 to 6 and 10 throughout the day. A deep layered trough embedded within a huge moisture plume is the major synoptic feature at this time. This system is expected to move over Inland areas during the late afternoon hours and into the evening hours. Southern Guyana observed mild to moderate instabilities throughout the day with atmospheric conditions expected to further deteriorate from the late afternoon hours. Mostly unstable conditions are expected to continue into the weekend.

**Today's weather review:** Cloudy to overcast skies with scattered showers and thundershowers were observed over Regions 1 to 7 and 10. All other areas observed partly cloudy to cloudy skies with isolated showers.

Friday, 17 May 2024 (19:00 hrs. – 07:00 hrs.)			Saturday, 18 May 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 7 and 10	 Rainfall between: 35.0 mm and 70.0 mm.	Cloudy to overcast skies with scattered showers of varying intensities, continuous rain, and isolated thundershowers are likely to be experienced over Regions 1 to 10.  <u>Winds:</u> Gentle to moderate breeze from the northeast to east. Gusting during thundershowers.  <u>Minimum temperatures:</u>  Coast: 22 °C – 24 °C  Hinterland: 19 °C – 21 °C	Coastal Guyana	 Rainfall between: 20.0 mm and 50.0 mm	Mostly cloudy skies with scattered showers and continuous can be expected over Coastal Regions during the morning hours. Conditions are expected to improve from the late afternoon as partly cloudy to cloudy skies will likely prevail. Inland and Southern Guyana can expect cloudy to overcast skies with scattered showers and intermittent rain. Possible isolated thundershowers are likely over these areas.
Regions 8 and 9	 Rainfall between: 20.0 mm and 50.0 mm.		Inland areas and Regions 6 to 10.	 Rainfall between: 30.0 mm and 60.0 mm	<u>Winds:</u> Gentle to moderate breeze from the northeast to the east. Gusting during heavy downpours and thundershowers.  <u>Maximum temperatures:</u>  Coast: 26 °C – 28 °C  Hinterland: 27 °C – 29 °C

Georgetown's long-term daily average rainfall, for the next 10 days from May 17 to May 26, 2024, is 10.6 mm per day.

Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Friday, May 17, 2024

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

Tonight (May 17, 2024)	Tomorrow Morning (May 18, 2024)		Tomorrow Afternoon (May 18, 2024)
	<b>High Tide 01:07 hrs</b> <b>Tide Height 2.57 m</b>		<b>High Tide 12:47 hrs</b> <b>Tide Height 2.41 m</b>
	<b>Low Tide 06:48 hrs</b> <b>Tide Height 1.06 m</b>		
<b>Sunrise:</b>	<b>05:34 hrs</b>	<b>Sunset:</b>	<b>18:01 hrs</b>

**SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS NOT IN EFFECT.**

**Sea conditions:** MODERATE SEAS WITH NORTHEASTERLY SWELLS REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 S AND 9 S. MODERATE TO FRESH BREEZE FROM THE EAST.

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Extended Forecast

Sunday and Monday: Overcast skies with widespread showers and continuous rain can be expected over Regions 1 to 7 and 10. Isolated to scattered thundershowers are also likely over Regions 6, 7, and 10. **Rainfall is expected between 50.0 mm and 100.0 mm within 24 hours over these areas.** Cloudy skies with scattered showers of varying intensities and intermittent rain can be expected over Inland and Southern Guyana. Isolated thundershowers are likely to be experienced over Southern Guyana. **Rainfall is expected between 25.0 mm and 50.0 mm within 24 hours over these areas.**

Tuesday thru Thursday: Cloudy skies with scattered showers of varying intensities and intermittent rain can be expected over Inland and Southern Guyana. Isolated thundershowers are likely to be experienced over Southern Guyana. **Rainfall is expected between 25.0 mm and 50.0 mm within 24 hours over these areas.** Cloudy skies with scattered showers varying mostly from light to moderate and intermittent rain can be expected over Coastal Guyana during the morning hours. Conditions are expected to improve from the afternoon hours as partly cloudy to cloudy skies will likely prevail. **Rainfall will range between 5.0 mm and 20.0 mm within 24 hours**

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>

An update in the bulletin is provided daily by the Hydromet Service

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