

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Saturday, 11 May 2024, from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00 hrs Saturday, May 11, 2024, were available for most stations.

Cane Grove Front in Region 4 recorded the highest rainfall of 68.7 mm.

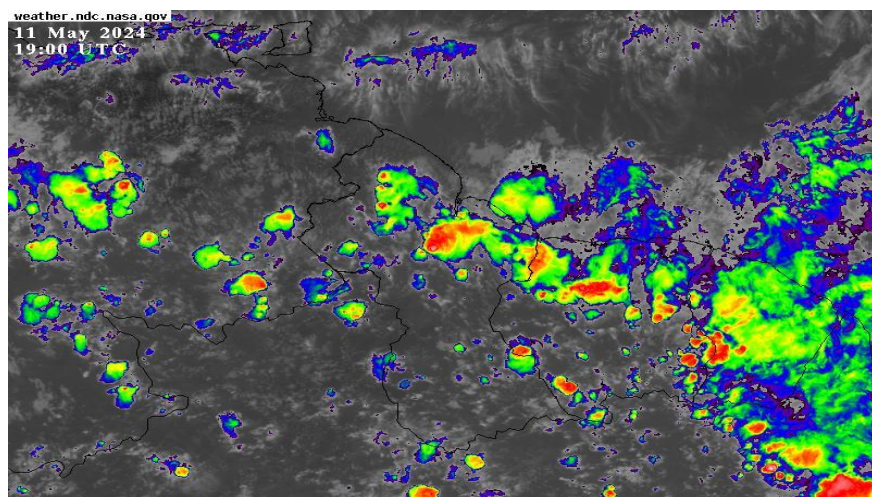
Severe Weather Warnings: Given that the soil may have already been saturated from heavy rainfall, the current and forecasted conditions will likely result in or continue to exacerbate flooding in low lying, and areas of poor drainage. In areas of thundershowers, heavy winds, and possible lightning strikes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

Synopsis: Atmospheric conditions over most of Guyana continue to remain highly unstable. Low-level convergence coupled with troughs embedded within deep moisture plumes are the major factors contributing to the current atmospheric conditions. Upper-level dynamics are also favorable for the development of clouds with significant vertical extend. Based on the latest outputs from meteorological models, atmospheric dynamics is not expected to change for the next 12 hours and into the new week.

Today's weather review: Cloudy skies with scattered showers and thundershowers were observed over Inland areas of Regions 2 to 4. All other areas observed partly cloudy to cloudy skies with possible isolated showers.

Saturday, 11 May 2024 (19:00 hrs. – 07:00 hrs.)			Sunday, 12 May 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 2 to 10	 Rainfall between: 35.0 mm and 70.0 mm.	Mostly cloudy to overcast skies with scattered to frequent showers of varying intensities and continuous rain will likely be experienced over Regions 2 to 7 and 10 during the early evening hours. Scattered thundershowers are also likely over Regions 4 to 7 and 10. Regions 8 and 9 will experience similar conditions from the late night hours into the early morning. Region 1 will likely experience partly cloudy to cloudy skies with brief isolated showers.	Coastal Guyana	 Rainfall between: 10.0 mm and 25.0 mm	Cloudy skies with scattered showers can be expected over Coastal Regions during the early morning hours. Conditions are expected to improve from the afternoon as partly cloudy to cloudy skies will likely prevail. Inland and Southern Guyana can expect cloudy to overcast skies with scattered to frequent showers and continuous rain. Scattered thundershowers are also likely over these areas.
Region 1	 Rainfall between: 0.0 mm and 15.0 mm.	<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: 17 °C – 20 °C	Inland areas and Regions 6 to 10.	 Rainfall between: 30.0 mm and 70.0 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: 27 °C – 29 °C Hinterland: 26 °C – 28 °C

Georgetown's long-term daily average rainfall, for the next 10 days from May 11 to May 20, 2024, is 9.9 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Saturday, May 11, 2024

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

Tonight (May 11, 2024)	Tomorrow Morning (May 12, 2024)		Tomorrow Afternoon (May 12, 2024)
High Tide 19:00 hrs Tide Height 2.62 m	Low Tide 00:30 hrs Tide Height 0.96 m High Tide 06:16 hrs Tide Height 2.73 m		Low Tide 13:17 hrs Tide Height 0.82
Sunrise:	05:35 hrs	Sunset:	18:00 hrs

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

Sea conditions: MODERATE SEAS WITH NORTHEASTERLY TO EASTERLY SWELLS REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 7 S AND 11 S. GENTLE TO MODERATE BREEZE FROM THE NORTHEAST TO EAST.

Extended Forecast

Monday thru Friday: Cloudy to overcast skies with widespread showers of varying intensities and continuous rain can be expected over Inland and Southern Guyana. Isolated to scattered thundershowers can be expected over these areas of Guyana. Rainfall is expected over 80.0 mm within 24 hours over these areas, with the highest expected in areas over Southern Guyana. 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 10.0 mm and 30.0 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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