

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Monday, 06 May 2024, from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00 hrs Monday, May 6, 2024, were available for most stations.

Kumu in Region 9 recorded the highest rainfall of 50.6 mm.

Severe Weather Warnings: Given that the soil may have already been saturated, the current and forecasted conditions will likely result in or 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 moist and unstable conditions continued over Inland areas along Regions 1 to 5 and Regions 6 to 10. High amounts of moisture were observed throughout the atmosphere coupled with low-level troughing and convergence are the major synoptic features analyzed over these areas. A strong divergent pattern at the upper level also aids the development of clouds with significant vertical extend. Coastal Guyana also had mild to moderate instabilities throughout the day but atmospheric conditions were much more stable when compared to the rest of the country. No change in atmospheric dynamics as the week progresses.

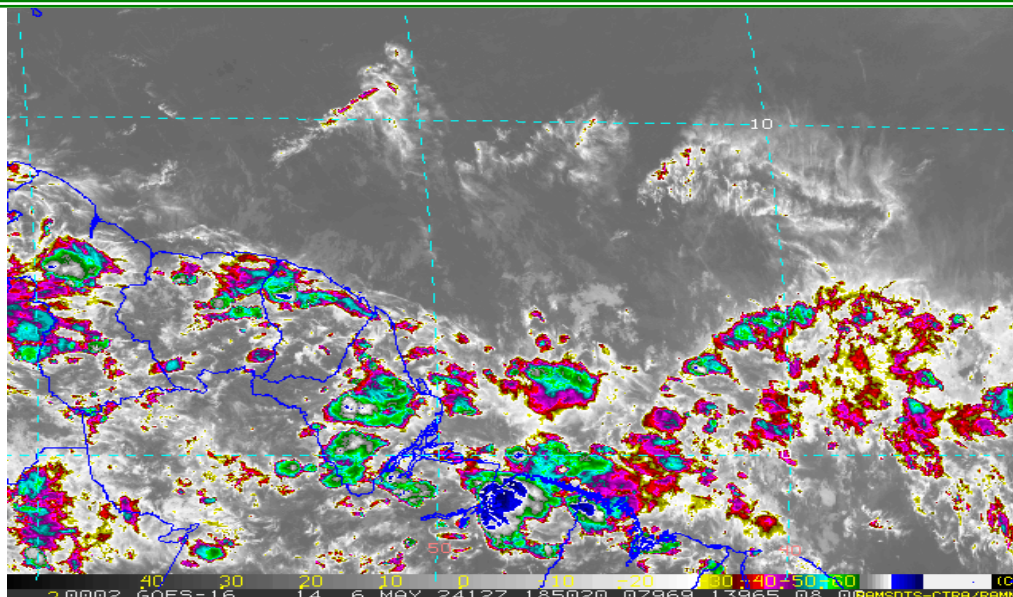
Today's weather review: *Overcast skies with scattered showers and continuous rain were observed over Inland and Southern Guyana. All other areas observed partly cloudy to cloudy skies.*

Monday, 06 May 2024 (19:00 hrs. – 07:00 hrs.)			Tuesday, 07 May 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Inland areas and Regions 6 to 10.	 <p>Rainfall between: 20.0 mm and 40.0 mm.</p>	<p>Mostly cloudy to overcast skies with scattered to frequent showers of varying intensities and continuous rain will likely be experienced over Inland areas and 6 to 10 throughout the night and into the early morning hours. Scattered thundershowers are also likely over regions 8 and 9. All remaining regions can expect partly cloudy to cloudy skies with brief passing showers.</p>	Coastal Guyana	 <p>Rainfall between: 10.0 mm and 25.0 mm</p>	<p>Cloudy skies with brief 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.</p>
Coastal Guyana.	 <p>Rainfall between: 5.0 mm and 15.0 mm.</p>	<p><u>Winds:</u> Gentle to moderate breeze from the northeast to east. Gusting during thundershowers.</p> <p><u>Minimum temperatures:</u></p> <p>Coast: 22 °C – 25 °C</p> <p>Hinterland: 18 °C – 21 °C</p>	Inland areas and Regions 6 to 10.	 <p>Rainfall between: 20.0 mm and 40.0 mm</p>	<p><u>Winds:</u> Gentle breeze from the northeast to the east. Gusting during heavy downpours and thundershowers.</p> <p><u>Maximum temperatures:</u></p> <p>Coast: 29 °C – 31 °C</p> <p>Hinterland: 27 °C – 29 °C</p>

Georgetown's long-term daily average rainfall, for the next 10 days from May 06 to May 15, 2024, is 9.3 mm per day.

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Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Monday, May 6, 2024

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

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Tonight (May 6, 2024)		Tomorrow Morning (May 07, 2024)		Tomorrow Afternoon (May 07, 2024)
Low Tide 20:51 hrs Tide Height 0.59		High Tide 03:01 hrs Tide Height 3.18 m Low Tide 09:25 hrs Tide Height 0.37 m		High Tide 15:51 hrs Tide Height 3.02 m
Sunrise:		05:36 hrs	Sunset:	17:59 hrs

SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT. RESIDENTS OF LOW-LYING, RIVERINE, AND FLOOD-PRONE AREAS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS AGAINST FLOODING AS OVER-TOPPING IS LIKELY.

Sea conditions: MODERATE SEAS WITH EASTERLY 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. GENTLE TO MODERATE BREEZE FROM THE NORTHEAST TO EAST.

Extended Forecast

Wednesday thru Saturday: 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 Southern 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 isolated to scattered showers 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**

Sunday: Cloudy skies with brief isolated showers can be expected over Coastal Guyana during the morning hours. Conditions are expected to improve from the afternoon hours as partly cloudy to sunny skies will likely prevail. **Rainfall will range between 0.0 mm and 10.0 mm.** Inland and Southern Guyana can expect cloudy skies accompanied by scattered showers of varying intensities and intermittent rain. Isolated thundershowers are also likely to occur over these areas during the late afternoon. **Rainfall will range between 10.0 mm and 35.0 mm.**

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

Meteorologist: S. Nanlall

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