

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Tuesday, 12 November 2024, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday, November 12, 2024, were available for most stations.





Maduni in Region 5 recorded the highest rainfall of 106.1 mm.

Severe Weather Warnings: Given that the soil may have already been saturated from heavy rainfall, and will forecast conditions indicating increased rainfall amounts which can likely lead to flooding or exacerbate flooding in low lying, and areas of poor drainage. Hilly areas can also expect possible mudslides during heavy downpours. In areas of thundershowers, heavy winds, and possible lightning strikes may be observed. Persons should exercise caution in efforts to safeguard life and property.

Marine Advisory: Spring tides coupled with high energy waves can cause overtopping and possible damage to vulnerable areas of the river and sea defense. Persons are asked to take the necessary precautions against possible flooding.

Synopsis: The ITCZ continues to be the major feature of interest affecting most of Northern Guyana with Regions 1, 2, and 7 being impacted the strongest. The ITCZ is expected to remain just to the North of Region 1 and will continue to affect those areas. Regions 3 to 6 and 10 will also remain unstable throughout the week. All remaining regions can expect mild to moderate instabilities as atmospheric moisture will continue to increase over these areas creating an unstable atmosphere.

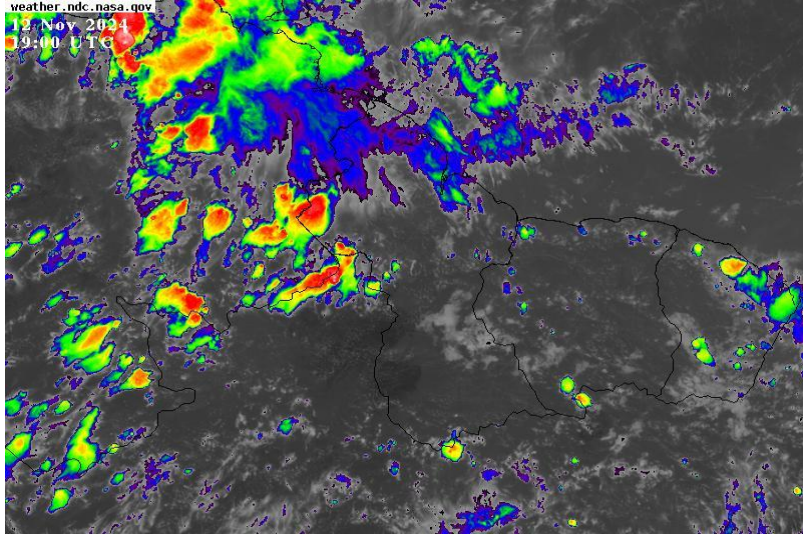
Today's weather review: Cloudy skies with isolated showers, thundershowers, and continuous rain over Regions 1, 2, and 7. Cloudy skies were observed elsewhere.

| Tuesday, 12 November 2024 (19:00 hrs. – 07:00 hrs.) | | | Wednesday, 13 November 2024 (07:00 hrs. – 19:00 hrs) | | |
|---|---|---|--|--|--|
| Regions | Weather Conditions | | Regions | Weather Conditions | |
| Regions 1 to 7 and 10 |  Rainfall between: 10.0 mm and 35.0 mm with the highest expected over Regions 1 and 7. | Regions 1, 2, and 7 can expect cloudy to overcast skies with scattered showers varying from light to moderate and intermittent rain during the evening hours. Regions 3 to 6 and 10 can expect partly cloudy to cloudy skies with isolated to scattered showers during the morning hours. All remaining areas can expect partly cloudy skies. <u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Gusting during heavy downpours <u>Minimum temperatures:</u> Coast: 23 °C – 25 °C Hinterland: 19 °C – 22 °C | Regions 1 to 7 and 10 |  Rainfall between: 10.0 mm and 45.0 mm | Regions 1 to 7 and 10 can expect mostly cloudy skies with scattered showers of varying intensities, continuous rain and isolated thundershowers. These conditions are expected to begin in the early afternoon. All remaining areas can expect partly cloudy to cloudy skies with isolated showers. <u>Winds:</u> Gentle to moderate northeasterly to easterly breeze. Strong winds and lightning strike during downpours. <u>Maximum temperatures:</u> Coast: 28 °C – 30 °C Hinterland: 30 °C – 32 °C |
| All remaining Regions |  Rainfall between: 0.0 mm and 10.0 mm | | All remaining Regions |  Rainfall between: 0.0 mm and 15.0 mm | |

Georgetown's long-term daily average rainfall, for the next 10 days from November 12 to November 21, 2024, is 5.5 mm per day.

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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Infrared Satellite image valid at 19:00 UTC (15:00 hrs)

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

| Tonight (November 12, 2024) | Tomorrow Morning (13 November 2024) | | Tomorrow Afternoon (13 November 2024) |
|--|---|----------------|---|
| <i>Low Tide 19:19 hrs Tide Height 0.78 m</i> | <i>High Tide 01:40 hrs Tide Height 2.88 m</i> | | <i>High Tide 13:53 hrs Tide Height 3.04 m</i> |
| | <i>Low Tide 07:35 hrs Tide Height 0.69 m</i> | | |
| <i>Sunrise:</i> | <i>05:41 hrs</i> | <i>Sunset:</i> | <i>17:30 hrs</i> |

SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT.

Sea conditions: MODERATE SEAS WITH NORTHERLY SWELLS REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 12 AND 13 S. GENTLE TO MODERATE EASTERLY BREEZE.

Extended Forecast

Thursday: Coastal areas can expect cloudy skies with light to moderate showers during the morning hours with conditions expected to improve from the afternoon as partly cloudy skies will likely persist. Inland and Hinterland areas can expect cloudy skies with isolated to scattered showers and thundershowers from the afternoon. ***Rainfall is expected to range between 5.0 mm and 35.0 mm with the highest expected in areas with thundershowers.***

Friday through Monday: Cloudy to overcast skies with scattered showers, continuous rain, and isolated thundershowers can be expected over Regions 1 to 10. Conditions are expected to improve over Coastal areas during the afternoon. ***Rainfall is expected to range between 20.0 mm and 70.0 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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