

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

**WEATHER BRIEF for today Friday, 13 December 2024, from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Friday, December 13, 2024, were available for most stations.





**Coomacka in Region 10 recorded the highest rainfall of 56.5 mm.**

**Severe Weather Warnings:** Areas with thundershowers, heavy winds, and possible lightning strikes may be observed. Possible flooding along Coastal areas is also expected during heavy downpours. Persons should exercise caution in efforts to safeguard life and property.

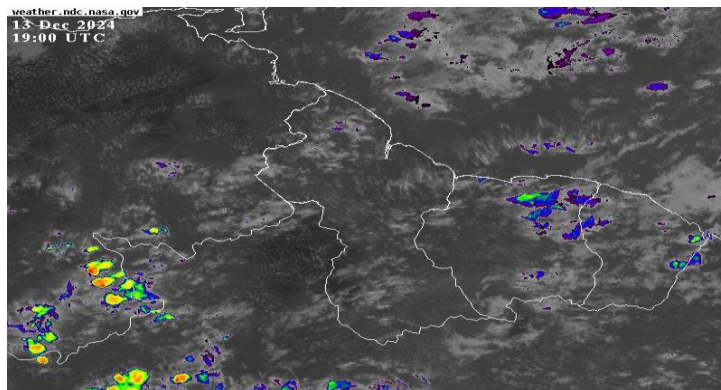
**Marine Advisory:** Residents of low-lying, riverine, and flood-prone areas are advised to take the necessary precautions against flooding as over-topping is likely due to spring tides.

**Synopsis:** The forecast area was slightly unstable throughout the day. Weak convection was observed over some areas. A trough system is expected to affect areas of Region 1 and 7 this evening. Meteorological models are indicating that an increase in low-level convergence and moisture is expected Tomorrow and is expected to continue until Sunday. Upper-level dynamics indicate that the forecast areas should be at the right entrance of the Jet stream which will likely enhance these low-level features.

**Today's weather review:** Partly cloudy to cloudy skies were observed over most of the forecast.

Friday, 13 December 2024 (19:00 hrs. – 07:00 hrs.)			Saturday, 14 December 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 5, 7, 9 and 10	 Rainfall between: 15.0 mm and 50.0 mm	Regions 1 to 7 and 9 can expect cloudy skies with scattered showers and continuous rain during the evening hours. Isolated thundershowers are also likely over these areas. Regions 2 to 5 and 10 can expect these conditions from the early morning hours. All remaining areas can expect partly cloudy skies with isolated showers.  <u>Winds:</u> Gentle to moderate northeasterly to easterly breeze. Strong winds and lightning strike during thundershowers.	Regions 1 to 5 and 10.	 Rainfall between: 15.0 mm and 45.0 mm	Regions 1 to 5, and 10 have cloudy to overcast skies with frequent showers and rain. Isolated thundershowers are also likely over Regions 1, 2, and 10. All remaining areas can expect cloudy skies with scattered showers from the afternoon hours.  <u>Winds:</u> Gentle to moderate northeasterly to easterly breeze. Strong winds and lightning strike during thundershowers.  <u>Maximum temperatures:</u>
All remaining regions	 Rainfall between: 0.0 mm and 10.0 mm	<u>Minimum temperatures:</u> Coast: 22 °C – 24 °C Hinterland: 19 °C – 21 °C	All remaining regions	 Rainfall between: 5.0 mm and 25.0 mm	Coast: 28 °C – 30 °C Hinterland: 29 °C – 31 °C

Georgetown's long-term daily average rainfall, for the next 10 days from December 13 to December 22, 2024, is 8.9 mm per day.



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

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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 (December 13, 2024)	Tomorrow Morning (14 December 2024)		Tomorrow Afternoon (14 December 2024)
Low Tide 20:45 hrs Tide Height 0.54 m	High Tide 03:15 hrs Tide Height 2.78 m  Low Tide 08:51 hrs Tide Height 0.73 m		High Tide 14:56 hrs Tide Height 3.04 m
Sunrise:	05:46 hrs	Sunset:	17:38 hrs

**SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT AND WILL CONTINUE UNTIL DECEMBER 19, 2024. 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 WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 5 AND 6 S.GENTLE TO MODERATE EASTERLY BREEZE.**

**Extended Forecast**

**Sunday, Wednesday, and Thursday: Coastal regions can expect cloudy skies with scattered showers and intermittent rain during the morning. Conditions are expected to improve from the afternoon, as partly cloudy to sunny skies will likely persist. Inland and Hinterland areas can expect cloudy skies with isolated to scattered showers and thundershowers during the afternoon. **Rainfall is expected to range between 10.0 mm and 50.0 mm within 24 hours, with the highest expected in areas with thundershowers.****

**Monday and Tuesday: Regions 1 to 5 and 10 cloudy spells with isolated showers during the early morning. Conditions are expected to improve as the day progresses as partly cloudy to sunny skies with likely persist. Regions 6 to 9 can expect cloudy skies with isolated showers and thundershowers during the afternoon. **Rainfall is expected to range between 5.0 mm and 25.0 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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