

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

**WEATHER BRIEF for today Wednesday, 02 October 2024, from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Wednesday, October 2, 2024, were available for most stations.





**Kumaka in Region 1 recorded the highest rainfall of 50.3 mm.**

**Severe Weather Warnings: Areas with thundershowers will experience lightning strikes and strong winds. Residents are asked to take the necessary precautions to safeguard life and property during these events.**

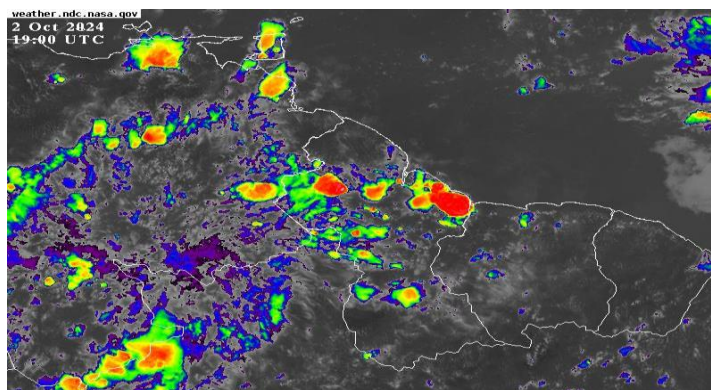
**Marine advisory: Residents of low-lying, riverine, and flood-prone areas are advised to take the necessary precautions against flooding as over-topping is likely due to spring tides. In addition, long-period waves can likely result in damage to sea defenses. All marine users including sea-goers are asked to exercise caution during this time.**

**Synopsis: The atmosphere over most of Inland and Hinterland Guyana is moderately unstable and is expected to continue into the night. Weak winds are creating a convergent pattern over these areas and with atmospheric moisture still high, convection activity was observed in these areas. Localized diurnal heating also enhanced convection during the afternoon. Coastal Guyana experienced mostly stable conditions with periods of convective activity during the afternoon over some areas. Meteorological models are indicating that during the morning hours, Coastal Guyana will become more unstable which can likely result in the development of clouds with significant vertical extend.**

**Today's weather review: Mostly fair and sunny skies were observed over most of Coastal Guyana. Isolated to scattered showers and thundershowers over the Inland and Southern Guyana during the afternoon.**

Wednesday, 02 October 2024 (19:00 hrs. – 07:00 hrs.)			Thursday, 03 October 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Inland and Southern Guyana	 Rainfall between: 0.0 mm and 20.0 mm.	Inland and Southern Guyana can expect cloudy skies with isolated to scattered showers and thundershowers during the evening hours. Mostly fair skies are likely to be experienced over Coastal Guyana throughout the evening. However, during the early morning, Coastal areas can expect mostly cloudy skies with isolated to scattered thundershowers.	Coastal areas	 Rainfall between: 10.0 mm and 30.0 mm.	Cloudy skies with isolated to scattered thundershowers can be expected over Coastal Guyana during the morning. Conditions are expected to improve from the afternoon as partly cloudy to sunny skies will persist. Inland and Southern Guyana can expect cloudy skies with scattered showers and thundershowers from the afternoon.
Coastal areas	 Rainfall between: 10.0 mm and 30.0 mm.	<u>Winds:</u> Gentle to moderate northerly to easterly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Minimum temperatures:</u> Coast: 22 °C – 25 °C Hinterland: 19 °C – 22 °C	Inland and Southern Guyana.	 Rainfall between: 0.0 mm and 20.0 mm.	<u>Winds:</u> Gentle to moderate northerly to easterly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Maximum temperatures:</u> Coast: 28 °C – 31 °C Hinterland: 33 °C – 35 °C

Georgetown's long-term daily average rainfall, for the next 10 days from October 02 to October 11, 2024, is 2.3 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Wednesday, October 2, 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 (October 2, 2024)	Tomorrow Morning (03 October 2024)		Tomorrow Afternoon (03 October 2024)
<i>Low Tide 22:01 hrs</i> <i>Tide Height 0.61 m</i>	<b>High Tide 04:00 hrs</b> <b>Tide Height 2.92 m</b>  <i>Low Tide 10:14 hrs</i> <i>Tide Height 0.73 m</i>		<b>High Tide 16:29 hrs</b> <b>Tide Height 2.94 m</b>
<i>Sunrise:</i>	<i>05:39 hrs</i>	<i>Sunset:</i>	<i>17:41 hrs</i>

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

**Sea conditions: SLIGHT SEAS WITH NORTH TO NORTHEASTERLY WAVES REACHING HEIGHTS OF 1.0 TO 1.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 13 AND 14 S. GENTLE BREEZE FROM THE NORTH TO NORTHEASTERLY.**

**Extended Forecast**

**Friday and Saturday: Cloudy to overcast skies with isolated to scattered showers and thundershowers are likely to be experienced over most of the forecast area. *Rainfall is expected to range between 20.0 mm and 60.0 mm within 24 hours.***

**Sunday thru Tuesday: Partly cloudy to fair and sunny skies are likely to be experienced over Coastal Guyana during the. *Rainfall is not expected to be significant over these areas.***

***Inland areas along Regions 1 to 5, Southern Region 6, and Regions 7 to 10 can expect fair skies during the morning hours with conditions expected to deteriorate from the mid-morning, as cloudy to overcast skies with isolated to scattered showers and thundershowers will likely persist. Rainfall is expected to range between 0.0 mm and 25.0 mm in areas with thundershowers, 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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