

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Friday, 04 October 2024, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Friday, October 4, 2024, were available for most stations.





Aishalton in Region 9 recorded the highest rainfall of 47.1 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.

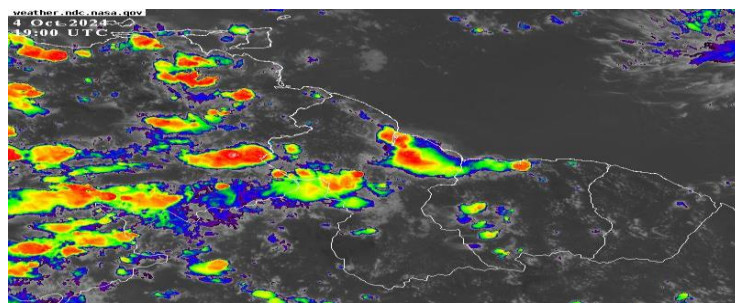
Marine advisory: Residents of low-lying, riverine, and flood-prone areas are advised to take the necessary precautions against flooding as over-topping is likely due to spring tides. In addition, long-period waves can likely result in damage to sea defenses. All marine users including sea-goers are asked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

Synopsis: Coastal and Inland Guyana experienced mostly unstable conditions from the late mid-morning and continued into the afternoon. The low-level confluence of the winds coupled with localized daytime heating is mostly responsible for these conditions. Convection was not severe as mid-level wind shear was also analyzed over these areas. A south-easterly flow ensured that Southern Guyana experienced generally dry and stable conditions throughout the day and this is expected to continue into the night. Moderate instabilities are still expected to over Coastal Guyana during the morning hours.

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

Friday, 04 October 2024 (19:00 hrs. – 07:00 hrs.)			Saturday, 05 October 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Inland areas along Regions 1 to 4, Regions 7 and 10	 Rainfall between: 10.0 mm and 30.0 mm.	Inland areas along Regions 1 to 4, Regions 7 and 10 can expect cloudy skies with isolated to scattered showers and thundershowers during the evening hours. Coastal Guyana can expect partly cloudy skies with possible isolated showers during the evening hours. However, during the early morning, Coastal areas can expect mostly cloudy skies with isolated to scattered thundershowers. All remaining areas can expect mostly fair skies with no significant rainfall.	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 Guyana	 Rainfall between: 5.0 mm and 25.0 mm.	<u>Winds:</u> Light to gentle easterly to southerly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Minimum temperatures:</u> Coast: 23 °C – 25 °C Hinterland: 19 °C – 22 °C	Inland and Southern Guyana.	 Rainfall between: 0.0 mm and 20.0 mm.	<u>Winds:</u> Light to gentle easterly to southerly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Maximum temperatures:</u> Coast: 29 °C – 31 °C Hinterland: 33 °C – 35 °C

Georgetown's long-term daily average rainfall, for the next 10 days from October 04 to October 13, 2024, is 2.6 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Friday, October 4, 2024.

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.

***HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE***

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

Tonight (October 4, 2024)	Tomorrow Morning (05 October 2024)		Tomorrow Afternoon (05 October 2024)
<i>Low Tide 23:06 hrs Tide Height 0.62 m</i>	<i>High Tide 05:06 hrs Tide Height 2.83 m</i> <i>Low Tide 11:04 hrs Tide Height 0.79 m</i>		<i>High Tide 17:15 hrs Tide Height 2.83 m</i>
<i>Sunrise:</i>	<i>05:38 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 NORTHERLY WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 12 AND 14 S. LIGHT TO GENTLE BREEZE FROM THE EAST TO SOUTHEASTERLY.

Extended Forecast

Sunday thru Thursday: 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 4, Southern Region 6, and Regions 7 to 10 can expect fair skies during the morning hours with conditions expected to deteriorate from the afternoon, as cloudy skies with isolated to scattered showers and thundershowers will likely persist. Rainfall is expected to range between 5.0 mm and 30.0 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

Meteorologist: S. Nanlall

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.