

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Saturday, 12 October 2024, from the Hydrometeorological Service, Guyana

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





Wismar in Region 10 recorded the highest rainfall of 34.5 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: 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: A tropical wave coupled with convergence at low levels are the major synoptic features of interest. These features are creating moderate instabilities over Regions 1 to 5 and will affect Inland areas during the early evening hours. Southern Guyana continued to experience stable conditions and this is expected to continue. Meteorological models are indicating that stable conditions are expected from Tomorrow over most of Guyana. However, localized diurnal heating will produce moderate instabilities over Inland areas.

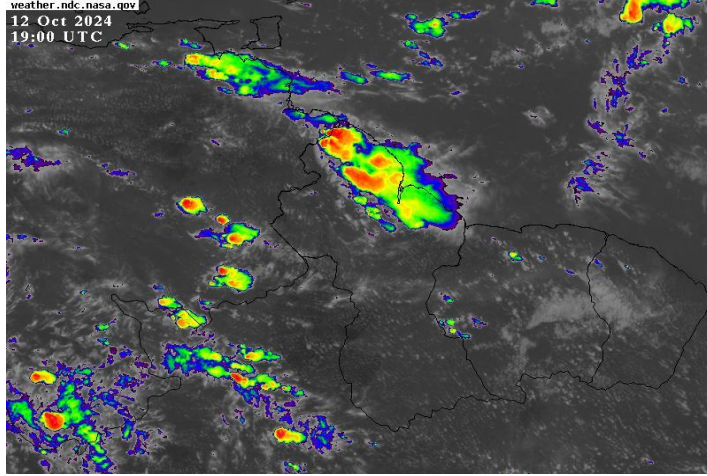
Today's weather review: Mostly fair and sunny skies were observed over Southern Guyana. Isolated to scattered showers and thundershowers over the Coastal and Inland areas during the afternoon.

Saturday, 12 October 2024 (19:00 hrs. – 07:00 hrs.)			Sunday, 13 October 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 4, 7 and 10	 Rainfall between: 5.0 mm and 30.0 mm with the highest expected over Regions 1 and 7.	Regions 1 to 4, Regions 7 and 10 can expect cloudy skies with scattered showers varying from light to moderate and possible thundershowers from early evening hours. Conditions over Regions 1 to 4 will improve as the night progresses. All remaining areas can expect mostly fair and clear skies with no significant rainfall. <u>Winds:</u> Light to gentle easterly to southeasterly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Minimum temperatures:</u>	Coastal areas and Southern Guyana	 No significant rainfall is expected.	Mostly fair and sunny skies will likely persist over Coastal and Southern Guyana. Inland areas along Regions 1 to 4, Southern Region 6, Regions 7 and 10 can expect cloudy skies with scattered showers and thundershowers from the afternoon. <u>Winds:</u> Light to gentle easterly to southeasterly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Maximum temperatures:</u> Coast: 29 °C – 31 °C Hinterland: 33 °C – 35 °C
All remaining areas.	 No significant rainfall is expected.	Coast: 23 °C – 25 °C Hinterland: 19 °C – 22 °C	Inland areas along Regions 1 to 4, Southern Region 6, Regions 7 and 10	 Rainfall between: 0.0 mm and 20.0 mm.	

Georgetown's long-term daily average rainfall, for the next 10 days from October 12 to October 21, 2024, is 2.8 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) Saturday, October 12, 2024.

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

Tonight (October 12, 2024)	Tomorrow Morning (13 October 2024)		Tomorrow Afternoon (13 October 2024)
_____	<i>High Tide 00:10 hrs Tide Height 2.62 m</i>		<i>High Tide 13:00 hrs Tide Height 2.57 m</i>
	<i>Low Tide 06:23 hrs Tide Height 0.87 m</i>		<i>Low Tide 18:54 hrs Tide Height 1.09 m</i>
<i>Sunrise:</i>	<i>05:38 hrs</i>	<i>Sunset:</i>	<i>17:37 hrs</i>

SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS NOT IN EFFECT.

Sea conditions: MODERATE SEAS WITH NORTHERLY TO NORTHEASTERLY WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 13 AND 14 S. GENTLE TO MODERATE EASTERLY BREEZE.

Marine advisory: 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.

Extended Forecast

Monday through Friday: Partly cloudy to fair and sunny skies are likely to be experienced over Coastal and Southern Guyana. *Rainfall is not expected to be significant over these areas.*

Inland areas along Regions 1 to 4, Southern Region 6, and Regions 7 and 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 20.0 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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