

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Thursday, 10 October 2024, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Thursday, October 10, 2024, were available for most stations.





Arakaka in Region 1 recorded the highest rainfall of 12.0 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.

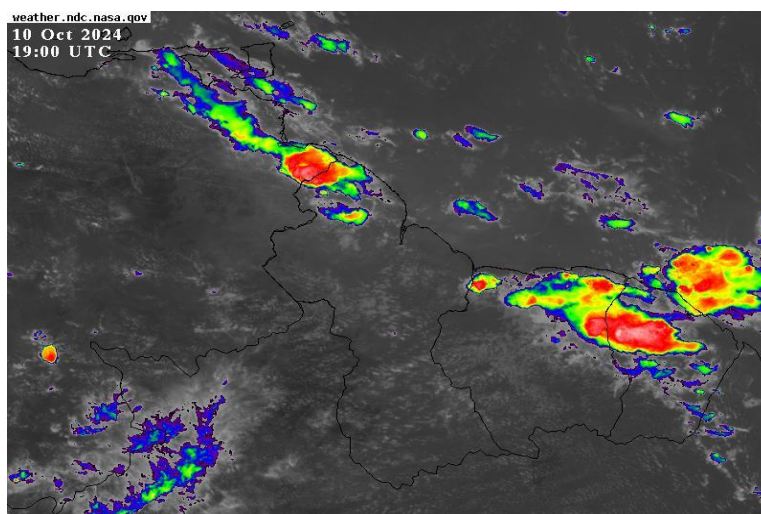
Marine advisory: Long-period waves can likely result in damage to sea defenses. All marine users including sea-goers are asked to exercise caution during this time.

Synopsis: Mostly dry and stable conditions were experienced during the morning over most of the forecast area. During the afternoon, localized diurnal heating produced pockets of instabilities over Inland areas and Southern Region 6. The latest outputs from Meteorological models indicate that a low-level trough embedded within a plume of moisture is expected to affect Northern Guyana during the late night into the early morning. The remainder of the country will continue to expect stable conditions.

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

Thursday, 10 October 2024 (19:00 hrs. – 07:00 hrs.)			Friday, 11 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.	Regions 1 to 4, Regions 7 and 10 can expect cloudy skies with scattered showers varying from light to moderate and possible thundershowers from late night into the early morning. All remaining areas can expect mostly fair and clear skies with no significant rainfall. <u>Winds:</u> Light to gentle northeasterly breeze. Strong winds and lightning strike in areas of thundershowers.	Coastal areas	 Rainfall between: 0.0 mm and 15.0 mm.	Cloudy skies with isolated to scattered showers are likely to continue over Coastal Guyana during the early morning. Conditions are expected to improve from the afternoon as partly cloudy to fair and sunny skies will likely persist. Inland Guyana can expect cloudy skies with scattered showers and thundershowers from the afternoon. Southern Guyana can expect mostly sunny skies.
All remaining areas.	 No significant rainfall is expected.	<u>Minimum temperatures:</u> 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.	<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

Georgetown's long-term daily average rainfall, for the next 10 days from October 10 to October 19, 2024, is 2.8 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Thursday, October 10, 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 10, 2024)	Tomorrow Morning (11 October 2024)		Tomorrow Afternoon (11 October 2024)
High Tide 21:21 hrs Tide Height 2.33 m	Low Tide 04:00 hrs Tide Height 1.12 m High Tide 10:28 hrs Tide Height 2.14 m		Low Tide 16:17 hrs Tide Height 1.50 m
Sunrise:	05:38 hrs	Sunset:	17:37 hrs

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

Saturday and Sunday: 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 30.0 mm in areas with thundershowers, within 24 hours.***

Monday thru Wednesday: Mostly fair and sunny skies can be expected over the forecast area with no significant rainfall expected.

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

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