

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Thursday, 17 October 2024 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Thursday, 17 October 2024 were available for most of the stations. **Wauna in Region 1 recorded the highest rainfall of 32.9 mm.**





Severe Weather Advisory: Areas with thundershowers will likely experience strong winds and lightning strikes. Persons should exercise caution in efforts to safeguard life and property.

Marine Advisory: Spring tides coupled with long-period waves will likely result in overtopping and damage to river and sea defense. All marine users are asked to exercise caution during this time.

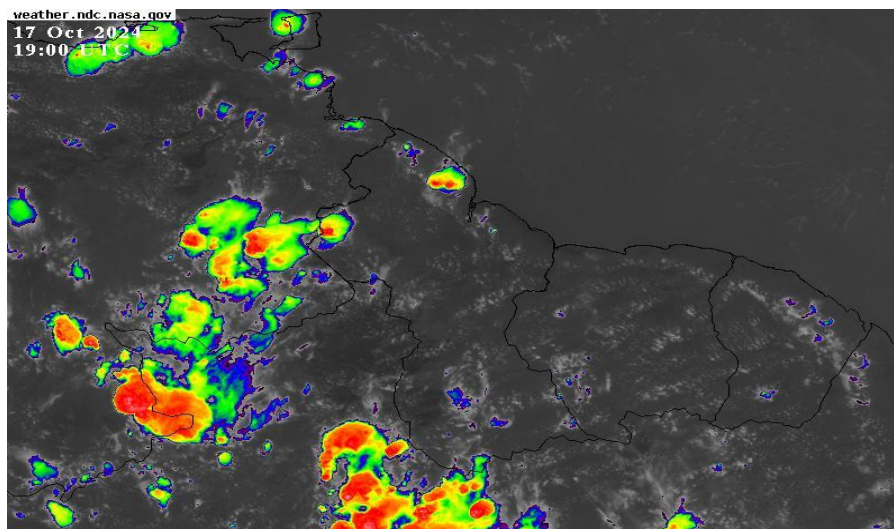
Synopsis: High concentrations of SAL, mid-upper-level wind shear, ridging, and subsidence dominated the forecast area generating mainly stable conditions. However, daytime heating produced weak to moderate isolated pockets of instabilities over inland and southern regions.

Today's weather review: Inland and southern regions observed partly cloudy and sunny skies with light to moderate showers and isolated thundershowers during the afternoon. All other regions observed mainly fair and sunny skies.

Table # 1 Weather forecast for the next Twenty-four hours

Thursday, 17 October 2024 (19:00 hrs. – 07:00 hrs.)			Friday, 18 October 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Inland & southern regions.	 Rainfall between: 0 & 10 mm.	Cloudy spells with light to moderate showers and isolated thundershowers are likely over inland and southern regions during the early evening, becoming mostly fair afterward. All other regions can expect mainly fair skies with haze.	Coastal Guyana	 No significant rainfall.	Coastal Guyana can expect mainly fair and sunny skies with haze. All remaining regions can expect mostly fair skies in the morning interrupted by cloudy spells with light to moderate showers and isolated thundershowers during the afternoon into early evening.
All other regions.	 No significant rainfall.	<u>Winds:</u> Gentle to moderate easterly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Minimum temperatures:</u> Coast: 22 °C – 26°C Hinterland: 19 °C – 24 °C	All other areas.	 Rainfall between: 5 & 20 mm.	<u>Winds:</u> Gentle to moderate easterly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Maximum temperatures:</u> Coast: 30 °C – 34°C Hinterland: 31 °C – 36 °C

The long-term daily average rainfall for Georgetown, for the next 10 days October 18 to 27, 2024, is 3.2 mm per day.



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Thursday, 17 October 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 17, 2024)	Tomorrow Morning (October 18, 2024)		Tomorrow Afternoon (October 18, 2024)
Low Tide 22:01hrs Tide Height 0.31m	<div style="background-color: yellow; padding: 2px;">High Tide 04:24hrs Tide Height 3.17m</div> Low Tide 10:14hrs Tide Height 0.35m		<div style="background-color: yellow; padding: 2px;">High Tide 16:19hrs Tide Height 3.32m</div>
Sunrise:	05:38hrs	Sunset:	17:35hrs

Spring Tide Advisory: Citizens are advised that the spring tide advisory is in effect.

Sea conditions:

- Slight seas from the northeast with swells reaching 1.0 to 1.5 meters in open waters.
- These waves will likely have periods of between 10 and 12 seconds.
- Gentle to moderate easterly breeze.

Extended Forecast

Saturday through Wednesday: Coastal Guyana can expect mainly fair and sunny skies with haze. Rainfall is not expected to be significant within 24 hours. All remaining regions can expect mostly fair skies in the morning interrupted by cloudy spells with light to moderate showers and isolated thundershowers during the afternoon into early evening. Rainfall is expected between 5 and 20 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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