

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Sunday, 24 November 2024, from the Hydrometeorological Service, Guyana

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





Mahdia in Region 8 recorded the highest rainfall of 37.2 mm.

Severe Weather Warnings: Areas with thundershowers, heavy winds, and possible lightning strikes may be observed. Persons should exercise caution in efforts to safeguard life and property.

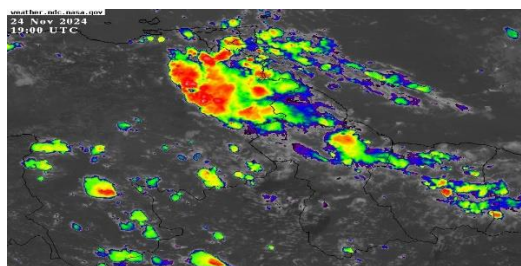
Marine Advisory: High energy waves can cause possible damage to vulnerable areas of the river and sea defense. Persons are asked to take the necessary precautions against possible flooding.

Synopsis: The atmosphere over Northern Guyana continued to remain very unstable. Low-level troughs embedded within strong moisture plumes were analyzed over these areas. These troughs were seen over Coastal areas during the morning hours but moved Inland as the day progressed. Southern Guyana observed mostly stable conditions as the atmosphere over that area continued to remain dry. The latest outputs from meteorological models indicate that areas of Northern Guyana will continue to remain unstable during the evening. A mix of dry air mass followed by plumes of moisture will be the trending pattern as the week progresses over most of the forecast area.

Today's weather review: Cloudy skies scattered showers and thundershowers over observed over most of Northern Guyana. Partly cloudy to sunny skies elsewhere.

Sunday, 24 November 2024 (19:00 hrs. – 07:00 hrs.)			Monday, 25 November 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 7 and 10	 Rainfall between: 10.0 mm and 45.0 mm with the highest expected over Regions 1, 6, 7 and 10.	Regions 1, 6, 7, and 10 can expect cloudy to overcast skies with scattered showers and intermittent rain during the evening hours. Isolated thundershowers are also expected over these areas. Regions 2 to 5 can expect partly cloudy to cloudy skies with isolated showers. All remaining regions can expect partly cloudy to fair skies during the evening hours, with no significant rainfall expected. <u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Strong winds and lightning strike during thundershowers. <u>Minimum temperatures:</u>	Coastal and Southern Guyana	 Rainfall between: 0.0 mm and 10.0 mm	Coastal and Southern Guyana can expect partly cloudy to cloudy skies with light to moderate showers during the morning. Conditions are expected to improve from the afternoon, as partly cloudy to sunny skies will likely persist. Inland areas can expect cloudy skies with isolated showers and thundershowers during the afternoon. <u>Winds:</u> Gentle to moderate northeasterly to easterly breeze. Strong winds and lightning strike during thundershowers. <u>Maximum temperatures:</u> Coast: 28 °C – 30 °C
All remaining areas	 No significant rainfall expected.	Coast: 23 °C – 25 °C Hinterland: 19 °C – 22 °C	Inland areas	 Rainfall between: 5.0 mm and 25.0 mm	Hinterland: 30 °C – 32 °C

Georgetown's long-term daily average rainfall, for the next 10 days from November 24 to December 02, 2024, is 8.2 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.

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Infrared Satellite image valid at 19:00 UTC (15:00 hrs)

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

Tonight (November 24, 2024)	Tomorrow Morning (25 November 2024)		Tomorrow Afternoon (25 November 2024)
High Tide 23:28 hrs Tide Height 2.37 m	Low Tide 06:21 hrs Tide Height 1.25 m		High Tide 12:51 hrs Tide Height 2.54 m
			Low Tide 18:26 hrs Tide Height 1.10 m
Sunrise:	05:45 hrs	Sunset:	17:31 hrs

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

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

Extended Forecast

Tuesday, Wednesday, and Saturday: Coastal Regions can expect cloudy skies with scattered showers and intermittent rain during the morning hours with conditions expected to improve from the afternoon as partly cloudy to sunny skies will likely persist. Inland and Southern Guyana can expect cloudy to overcast skies with scattered showers and thundershowers from the afternoon. **Rainfall is expected to range between 15.0 mm and 50.0 mm within 24 hours, with the highest expected in areas with thundershowers.**

Thursday and Friday: Coastal and Southern Guyana can expect partly cloudy to cloudy skies with light to moderate showers during the morning. Conditions are expected to improve from the afternoon, as partly cloudy to sunny skies will likely persist. Inland areas can expect cloudy skies with isolated showers and thundershowers during the afternoon. **Rainfall is expected to range between 0.0 mm and 35.0 mm within 24 hours, with the highest expected in areas with thundershowers.**

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.