

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE





WEATHER BRIEF for today Thursday, 11 April 2024, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Thursday, April 11, 2024, were available for most stations.

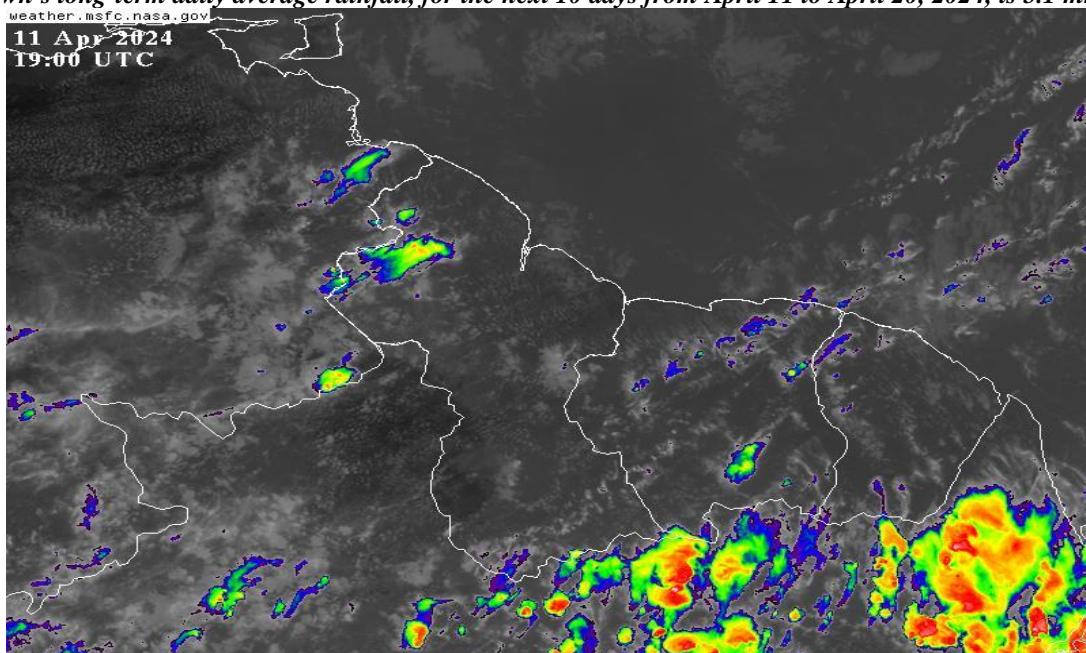
Maria's Lodge in Region 2 recorded the highest rainfall of 39.2 mm.

Synopsis: Weak troughing coupled with high amounts of low-level moisture seen at the 850 mb, created mild to moderate instabilities over most of the forecast area throughout the day. The atmosphere above 850 mb continued to remain moderately dry and sheared. Based on the latest outputs from various meteorological models, no significant change from current atmospheric conditions is expected for the next 12 hours and as we head into the weekend. The atmosphere is expected to become unstable from next Tuesday.

Today's weather review: Partly cloudy to fair skies were observed over Coastal Guyana. All remaining areas experienced partly cloudy to cloudy skies with isolated showers.

Thursday, 11 April 2024 (19:00 hrs. – 07:00 hrs.)			Friday, 12 April 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal Guyana	 Rainfall between: 0.0 mm and 10.0 mm.	Partly cloudy to fair skies will likely be experienced over Coastal Guyana throughout the evening hours. However, cloudy spells with brief isolated showers can be expected during the early morning hours. Inland and Southern Guyana can expect cloudy skies with light to moderate showers during the evening hours and continuing into the early morning hours. <u>Winds:</u> Moderate breeze from the northeast.	Coastal Guyana	 Rainfall between: 0.0 mm and 5.0 mm	Cloudy skies with isolated showers can be expected over Coastal areas during the early morning hours. Conditions are expected to improve from the mid-morning to the afternoon as fair and sunny skies will likely prevail. Inland and Southern Guyana can expect cloudy skies with light to moderate showers from the late afternoon into the evening hours. <u>Winds:</u> Moderate to fresh breeze from the northeast.
Inland areas and Southern Guyana	 Rainfall between: 10.0 mm and 25.0 mm.	<u>Minimum temperatures:</u> Coast: 24 °C – 26 °C Hinterland: 21 °C – 24 °C	Inland areas and Southern Guyana	 Rainfall between: 5.0 mm and 20.0 mm	<u>Maximum temperatures:</u> Coast: 30 °C – 33 °C Hinterland: 32 °C – 34 °C

Georgetown's long-term daily average rainfall, for the next 10 days from April 11 to April 20, 2024, is 5.1 mm per day.



Infrared Satellite image1 valid at 19:00 UTC (19:00 hrs) Thursday, April 11, 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 (April 11, 2024)	Tomorrow Morning (April 12, 2024)		Tomorrow Afternoon (April 12, 2024)
_____	Low Tide 00:02 hrs Tide Height 0.67 m High Tide 05:56 hrs Tide Height 2.98 m		Low Tide 12:42 hrs Tide Height 0.56 m High Tide 19:12 hrs Tide Height 2.69 m
<i>Sunrise:</i>	<i>05:45 hrs</i>	<i>Sunset:</i>	<i>18:01 hrs</i>

SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT AND WILL CONTINUE UNTIL APRIL 13, 2024. RESIDENTS OF LOW-LYING, RIVERINE, AND FLOOD-PRONE AREAS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS AGAINST FLOODING AS OVER-TOPPING IS LIKELY.

Sea conditions: MODERATE SEAS WITH NORTHERLY SWELLS REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 S AND 15 S. MODERATE TO FRESH BREEZE FROM THE NORTHEAST TO EAST.

Extended Forecast

Saturday thru Monday: Partly cloudy to fair and sunny skies are likely to be experienced over Coastal Guyana, with no significant rainfall expected over these areas. Inland and Hinterland areas can expect fair and sunny skies during the morning hours with conditions expected to slightly deteriorate from the afternoon hours as cloudy skies accompanied by light to moderate showers can be expected. *Rainfall is expected between 0.0 mm and 20.0 mm within 24 hours.*

Tuesday and Wednesday: Cloudy to overcast skies with scattered showers of varying intensities and intermittent rain can be expected over most of the forecast area. *Rainfall will range between 10.0 mm and 40.0 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

Meteorologist: S. Nanlall

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