

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Tuesday, 02 July 2024, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday, July 2, 2024, were available for most stations.

Coomacka in Region 10 recorded the highest rainfall of 42.5 mm.

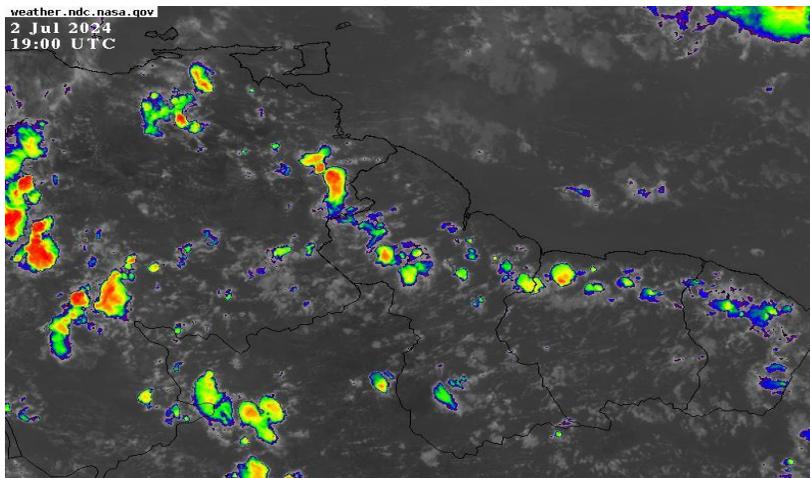
Severe Weather Warnings: None at this moment.

Synopsis: Frictional convergence coupled with localized day time heating produced pockets of mild to moderate instabilities over Inland areas. All other areas observed mostly dry and stable conditions. These conditions are expected to continue for most of the night. The latest outputs from various American and European meteorological Models are indicating that Tropical Wave #13 is also expected to over Northern Guyana from tonight. However, this wave is surrounded mostly by a dry air mass caused by the Saharan Air Layer (SAL) and upper-level dynamics are also not favorable as strong wind shear is also analyzed. Based on all these factors, this feature is not expected to create deep convective activity over Guyana. The ITCZ is expected at the beginning of the weekend.

Today's weather review: Cloudy skies with isolated showers and isolated thundershowers were observed over Inland areas. All other areas observed partly cloudy to sunny skies.

Tuesday, 02 July 2024 (19:00 hrs. – 07:00 hrs.)			Wednesday, 03 July 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal and Southern Guyana	 Rainfall between: 0.0 mm and 10.0 mm	Partly cloudy to fair skies are likely to be experienced over Coastal and Southern Guyana throughout the evening hours. Conditions are expected to slightly deteriorate from the early morning as partly cloudy to cloudy skies with brief isolated showers will likely persist. Inland areas can expect cloudy skies with scattered showers varying mostly from light to moderate. Isolated thundershowers are also likely over these areas.	Coastal and Southern Guyana	 Rainfall between: 0.0 mm and 10.0 mm	Partly cloudy to cloudy skies with isolated showers varying mostly from light to moderate are likely to be experienced over Coastal Guyana. These conditions are likely from the morning hours with fair and sunny weather conditions prevailing from the afternoon hours. Inland areas can expect cloudy skies with isolated to scattered showers and thundershowers from the afternoon. Southern Guyana can expect partly cloudy skies with possible isolated showers from the late afternoon.
Inland areas	 Rainfall between: 5.0 mm and 20.0 mm	<u>Winds:</u> Gentle to moderate breeze from the east to southeast. <u>Minimum temperatures:</u> Coast: 22 °C – 24 °C Hinterland: 19 °C – 22 °C	Inland areas	 Rainfall between: 5.0 mm and 20.0 mm	<u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Gusting during thundershowers. <u>Maximum temperatures:</u> Coast: 30 °C – 32 °C Hinterland: 31 °C – 33 °C

Georgetown's long-term daily average rainfall, for the next 10 days from July 02 to July 11, 2024, is 10.2 mm per day.



Infrared Satellite image valid at 19:20 UTC (15:20 hrs) Tuesday, July 2, 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 (July 2, 2024)	Tomorrow Morning (July 03, 2024)		Tomorrow Afternoon (July 03, 2024)
<i>Low Tide 19:15 hrs Tide Height 1.04 m</i>	<i>High Tide 01:30 hrs Tide Height 2.80 m</i> <i>Low Tide 08:10 hrs Tide Height 0.71 m</i>		<i>High Tide 14:44 hrs Tide Height 2.58 m</i>
<i>Sunrise:</i>	<i>05:40 hrs</i>	<i>Sunset:</i>	<i>18:11 hrs</i>

Spring Tide Advisory: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT. 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 NORTHEASTERLY WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 8 AND 9 S. GENTLE TO MODERATE BREEZE FROM THE EAST.

Extended Forecast

Thursday, Sunday, and Monday: Partly cloudy to cloudy skies with isolated showers can be expected over Coastal Guyana during the morning hours. Conditions are expected to improve from the afternoon as partly cloudy to fair sunny skies will likely prevail. Inland areas can expect cloudy skies with scattered showers of varying intensities from the late afternoon. Isolated thundershowers are also likely over these areas. Southern Guyana can expect partly cloudy skies with possible isolated showers from the late afternoon. Rainfall will range between 0.0 mm and 10.0 mm over Coastal and Southern Guyana and between 5.0 mm and 20.0 mm over Inland areas, within 24 hours.

Friday and Saturday: Cloudy skies with scattered showers of varying intensities are likely to be experienced over Regions 1 to 7 and 10. Isolated thundershowers are also likely over Regions 1 and 7. Regions 8 and 9 can expect isolated showers from the late afternoon hours. Rainfall will range between 10.0 mm and 40.0 mm over Regions 1 to 7 and 10 and between 0.0 mm and 10.0 mm in Regions 8 and 9, 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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