

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Friday, 19 July 2024, from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00 hrs Friday, July 19, 2024, were available for most stations.

Wowetta in Region 9 recorded the highest rainfall of 91.8 mm.

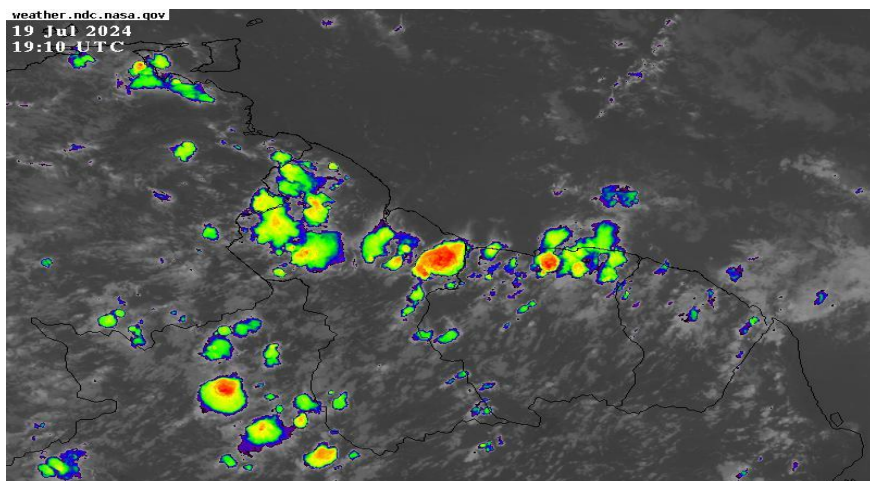
Severe Weather Warnings: Given that, in some areas, the soils would already be saturated, and with forecast conditions indicating more rainfall, the chance of flooding in low-lying areas and areas of poor drainage is likely. Lightening strikes and heavy winds are also possible from thundershowers. Residents are also asked to exercise caution during these events.

Synopsis: Mild to moderate instabilities continued to affect the forecast area. Coastal Guyana observed these conditions during the morning with stable conditions experienced from the afternoon. Inland and Hinterland areas saw these pockets of instabilities from the afternoon. These areas will continue to experience unstable conditions as the night approaches. Coastal Guyana will likely experience similar conditions from the early morning hours. No significant change is expected in atmospheric conditions for the next 24 to 48 hours.

Today's weather review: Cloudy skies with scattered showers and isolated thundershowers were observed over Inland areas and Region 6. All other regions observed partly cloudy to cloudy skies.

Friday, 19 July 2024 (19:00 hrs. – 07:00 hrs.)			Saturday, 20 July 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Region 6, Inland and Hinterland areas	 Rainfall between: 20.0 mm and 45.0 mm.	Cloudy to overcast skies with scattered showers and isolated thundershowers are likely to be experienced over Region 6, Inland, and Hinterland areas throughout the night. Coastal Guyana can expect partly cloudy to fair skies during the evening hours with conditions expected to deteriorate from the early morning as cloudy skies with scattered showers of varying intensities will likely persist.	Coastal areas of Regions 1 to 5.	 Rainfall between: 5.0 mm and 20.0 mm	Cloudy skies with scattered showers and continuous rain will likely continue over Coastal areas of Regions 1 to 5. Conditions are expected to improve from the late afternoon as partly cloudy skies will likely persist. Region 6, Inland, and Hinterland areas can expect cloudy skies with isolated to scattered showers and thundershowers from the afternoon.
Coastal areas of Regions 1 to 5.	 Rainfall between: 0.0 mm and 15.0 mm	<u>Winds:</u> Gentle easterly breeze. Gusty conditions during thundershowers. <u>Minimum temperatures:</u> Coast: 22 °C – 24 °C Hinterland: 19 °C – 22 °C	Region 6, Inland and Hinterland areas.	 Rainfall between: 10.0 mm and 35.0 mm	<u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Gusting during thundershowers. <u>Maximum temperatures:</u> Coast: 28 °C – 30 °C Hinterland: 29 °C – 31 °C

Georgetown's long-term daily average rainfall, for the next 10 days from July 19 to July 28, 2024, is 8.3 mm per day.



Infrared Satellite image valid at 19:10 UTC (15:10 hrs) Friday, July 19, 2024.

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

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

Tonight (July 19, 2024)	Tomorrow Morning (July 20, 2024)		Tomorrow Afternoon (July 20, 2024)
Low Tide 20:48 hrs Tide Height 1.08 m	High Tide 02:58 hrs Tide Height 2.87 m Low Tide 09:24 hrs Tide Height 0.52 m		High Tide 15:46 hrs Tide Height 2.66 m
Sunrise:	05:44 hrs	Sunset:	18:11 hrs

Spring Tide Advisory: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY WILL BE IN EFFECT FROM TOMORROW JULY 20, 2024 AND WILL CONTINUE UNTIL JULY 27, 2024. RESIDENTS OF LOW-LYING, RIVERINE, AND FLOOD-PRONE AREAS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS AGAINST FLOODING AS OVERTOPPING IS LIKELY.

Sea conditions: SLIGHT SEAS WITH NORTHEASTERLY WAVES REACHING HEIGHTS OF 1.0 TO 1.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 7 AND 8 S. GENTLE BREEZE FROM THE EAST.

Extended Forecast

Sunday, Monday, and Thursday: Cloudy skies with isolated to scattered showers of varying intensities can be expected over Coastal Guyana during the morning. Conditions over Coastal Guyana are expected to improve from the afternoon as partly cloudy to sunny skies will likely prevail. Southern Region 6, Inland, and Hinterland areas can expect cloudy skies with isolated to scattered showers and thundershowers from the late afternoon. **Rainfall will range between 5.0 mm and 25.0 mm within 24 hours.**

Tuesday and Wednesday: Cloudy skies becoming overcast at times with scattered showers of varying intensities and intermittent rain can be expected over Regions 1 to 7 and 10. Isolated thundershowers are also likely over Regions 1 to 3, 6, 7 and 10. Conditions are expected to improve over Coastal Guyana from the afternoon as partly cloudy to cloudy skies will likely persist. All remaining areas can expect partly cloudy to cloudy skies with isolated showers from the afternoon. **Rainfall will range between 25.0 mm and 50.0 mm within 24 hours, over Regions 1 to 7 and 10, and between 0.0 mm and 10.0 mm elsewhere.**

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.