

***HYDROMETEOROLOGICAL SERVICE***  
***MINISTRY OF AGRICULTURE***

**WEATHER BRIEF for today Wednesday, 17 July 2024, from the Hydrometeorological Service, Guyana**





Rainfall records for the past 24 hours, measured at 08:00 hrs Wednesday, July 17, 2024, were available for most stations.

**Versallies in Region 3 recorded the highest rainfall of 75.7 mm.**

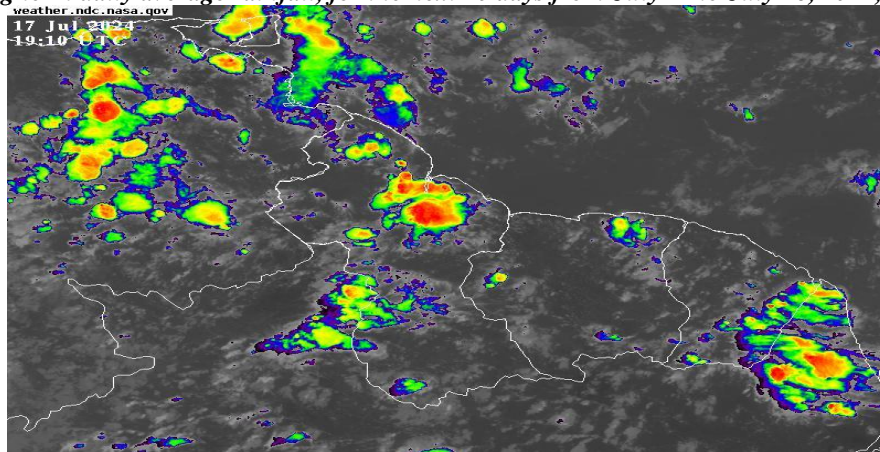
**Severe Weather Warnings: Given that areas, over Regions, 1 to 7, and 10 would have experienced heavy rainfall over the past 24 hours and soils would already be saturated, and with forecast conditions indicating more rainfall for those areas, the chance of flooding in low lying areas and areas of poor drainage is likely. Lightening strikes and heavy winds are also possible from thundershowers. Residents are also asked to exercise caution during these events.**

**Synopsis: The atmosphere over the forecast area continues to remain unstable. Strong moisture convergence emanating from the ITCZ affected areas over Regions 1 to 3, Inland areas, and Southern Regions 6 and 9. Atmospheric moisture is not expected to decrease over Guyana for the remainder of the week, therefore mostly unstable conditions are expected to continue. A decrease in moisture profile is expected from the weekend and coupled with strong vertical shear and subsidence at the upper levels which would indicate atmospheric conditions shifting to more stable.**

**Today's weather review: Cloudy skies with scattered showers and isolated thundershowers were observed over Regions 1 to 3, Inland areas, Regions 6 and 7. All other regions observed partly cloudy to cloudy skies.**

Wednesday, 17 July 2024 (19:00 hrs. – 07:00 hrs.)			Thursday, 18 July 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions	Cloudy skies with scattered showers and continuous rain are likely to be experienced over Regions 1 to 3, 6, 7, and 10 throughout the night. Isolated to scattered thundershowers are also likely. All remaining regions can expect partly cloudy skies during the evening hours. Conditions are expected to deteriorate over these areas from the early morning hours as cloudy skies with scattered showers varying from light to moderate will likely persist.	Regions	Weather Conditions	Cloudy skies with scattered showers and continuous rain are likely to continue over Regions 1 to 3, 6, 7, and 10. Isolated thundershowers are also likely over Regions 1,6 and 7 from the afternoon. All remaining regions can expect partly cloudy to cloudy skies with isolated showers from the early morning hours with improvements in weather conditions expected from the afternoon.
Regions 1 to 3, 6, 7 and 10.	 Rainfall between: 20.0 mm and 45.0 mm.		Regions 1 to 3, 6, 7 and 10.	 Rainfall between: 10.0 mm and 40.0 mm	
All remaining regions.	 Rainfall between: 5.0 mm and 20.0 mm	<u>Winds:</u> A gentle southeasterly breeze at the beginning of the forecast shifting to easterly during the morning hours. Gusty conditions during thundershowers. <u>Minimum temperatures:</u> Coast: 22 °C – 24 °C Hinterland: 19 °C – 22 °C	All remaining regions.	 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: 28 °C – 30 °C Hinterland: 29 °C – 31 °C

**Georgetown's long-term daily average rainfall, for the next 10 days from July 17 to July 26, 2024, is 8.3 mm per day.**



**Infrared Satellite image valid at 19:10 UTC (15:10 hrs) Wednesday, July 17, 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 17, 2024)	Tomorrow Morning (July 18, 2024)		Tomorrow Afternoon (July 18, 2024)
<i>Low Tide 19:06 hrs Tide Height 1.35 m</i>	<i>High Tide 01:26 hrs Tide Height 2.59 m</i>  <i>Low Tide 07:49 hrs Tide Height 0.82 m</i>		<i>High Tide 14:11 hrs Tide Height 2.36 m</i>
<i>Sunrise:</i>	<i>05:44 hrs</i>	<i>Sunset:</i>	<i>18:11 hrs</i>

***Spring Tide Advisory: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS NOT IN EFFECT.***

***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 8 AND 9 S. GENTLE TO MODERATE BREEZE FROM THE SOUTHEAST.***

**Extended Forecast**

***Friday, Saturday, and Monday:* Cloudy skies becoming overcast at times with scattered to frequent 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 and 7. 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 cloudy skies with isolated showers from the afternoon. ***Rainfall will range between 30.0 mm and 65.0 mm within 24 hours, over Regions 1 to 7 and 10, and between 5.0 mm and 25.0 mm elsewhere.*****

***Sunday and Tuesday:* Cloudy skies with isolated showers can be expected over Coastal Guyana during the morning. Inland and Hinterland areas can expect similar conditions from the late afternoon. Conditions over Coastal Guyana are expected to improve from the afternoon as partly cloudy to sunny skies will prevail. ***Rainfall will range between 5.0 mm and 25.0 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

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