

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

**WEATHER BRIEF for today Monday, 15 July 2024, from the Hydrometeorological Service, Guyana**





Rainfall records for the past 24 hours, measured at 08:00 hrs Monday, July 15, 2024, were available for most stations.

**Springland Forestry in Region 6 recorded the highest rainfall of 69.9 mm.**

**Severe Weather Warnings: Given that areas, over Regions, 1 to 5, 7, and 10 would have experienced heavy rainfall over the past 24 hours and soils may already be saturated, and with forecast conditions indicating a high chance of more rainfall for those areas, the chance of flooding in low lying areas and areas of poor drainage is likely. Lightning strikes and heavy winds are also possible from thundershowers. Residents are also asked to exercise caution during these events.**

**Synopsis: Tropical wave #16 is the main synoptic feature of interest. However, this wave is located to the North of Guyana and is affecting areas of Regions 1, 2, and 7. Regions 3 to 5 also experienced mild to moderate instabilities as a result of moisture convergence within the trades. This abovementioned wave is expected to continue to create unstable conditions over Regions 1 and 7 throughout the night and a strong convergent pattern is expected over Regions 3 to 5 during the morning hours. All other areas will likely experience mild to moderate instabilities.**

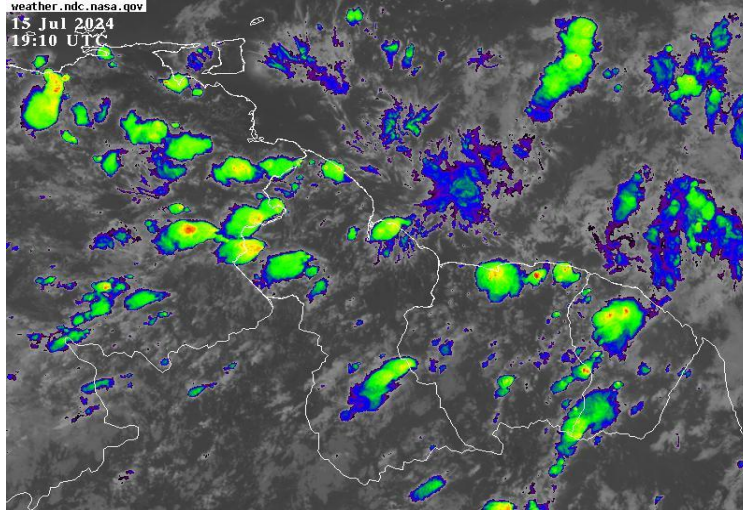
**Today's weather review: Cloudy skies with scattered showers were observed over Regions 1, 2, and 7. All other regions observed partly cloudy to cloudy skies.**

Monday, 15 July 2024 (19:00 hrs. – 07:00 hrs.)			Tuesday, 16 July 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 5, 7 and 10.	 <b>Rainfall between: 20.0 mm and 60.0 mm with the highest over Regions 1 and 7.</b>	Cloudy to overcast skies with frequent showers and continuous rain are likely to be experienced over Regions 1 and 7 throughout the night. Isolated to scattered thundershowers are also likely. Regions 2 to 6 and 8 to 10 can expect partly cloudy skies during the evening hours. Conditions are expected to deteriorate over these areas from the morning hours as cloudy to overcast skies with scattered showers of varying intensities and continuous rain will likely persist. Isolated thundershowers are also likely over these areas.	Regions 1 to 5 and 7.	 <b>Rainfall between: 10.0 mm and 40.0 mm</b>	Cloudy to overcast skies with scattered to frequent showers and continuous rain are likely to be experienced over Regions 1 to 5 and 7. Isolated thundershowers are also likely over Regions 1 to 4 and 7. Conditions are expected to improve over Coastal areas during the afternoon hours. All remaining regions can expect partly cloudy to cloudy skies with isolated showers from the afternoon.  <u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Gusting during thundershowers.  <u>Maximum temperatures:</u>
All remaining regions.	 <b>Rainfall between: 10.0 mm and 30.0 mm</b>	<u>Winds:</u> Gentle breeze from the southeast. Gusty conditions during thundershowers.  <u>Minimum temperatures:</u> Coast: 22 °C – 24 °C Hinterland: 19 °C – 22 °C	All remaining regions.	 <b>Rainfall between: 5.0 mm and 20.0 mm</b>	Coast: 28 °C – 30 °C Hinterland: 29 °C – 31 °C

Georgetown's long-term daily average rainfall, for the next 10 days from July 15 to July 24, 2024, is 8.2 mm per day.

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*Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Monday, July 15, 2024.*

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

Tonight (July 15, 2024)	Tomorrow Morning (July 16, 2024)		Tomorrow Afternoon (July 16, 2024)
<i>High Tide 23:45 hrs Tide Height 2.39 m</i>	<i>Low Tide 05:57 hrs Tide Height 1.08 m</i>		<i>Low Tide 17:51 hrs Tide Height 1.43 m</i>
	<i>High Tide 11:53 hrs Tide Height 2.18 m</i>		
<i>Sunrise:</i>	<i>05:43 hrs</i>	<i>Sunset:</i>	<i>18:12 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**

**Wednesday and Thursday: Mostly cloudy skies with scattered showers of varying intensities can be expected over Regions 1 to 7 and 10. Isolated thundershowers are also likely over these areas. Conditions are expected to improve over Coastal areas from the late afternoon as partly cloudy skies will likely prevail. All remaining areas can expect cloudy skies with isolated showers from the afternoon hours. **Rainfall will range between 20.0 mm and 60.0 mm within 24 hours, over Regions 1 to 7 and 10, and between 5.0 mm and 20.0 mm elsewhere.****

**Friday thru Sunday: Cloudy skies with isolated showers can be expected over Coastal Guyana during the morning. Conditions are expected to improve from the afternoon as partly cloudy to fair skies will likely persist. Inland and Hinterland areas can expect cloudy to overcast skies with scattered showers of varying intensities from the late afternoon. Isolated to scattered thundershowers are also likely over these areas. **Rainfall will range between 5.0 mm and 15.0 mm within 24 hours, over Coastal Guyana and between 30.0 mm and 60.0 mm over Inland and Hinterland areas.****

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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