## <u>HYDROMETEOROLOGICAL SERVICE</u> MINISTRY OF AGRICULTURE

# WEATHER BRIEF for today Thursday, 12 June 2025, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Thursday, June 12, 2025, were available for most stations.

Maria's Pleasure in Region 3 recorded the highest rainfall of 74.4 mm.

Severe Weather Warnings: Soils may already be saturated from continuous rainfall, and given the forecast conditions for the next 12 to 36 hours indicates an increased chance of more rainfall, the likelihood of flooding significantly increases in low-lying areas and areas of poor drainage. Hilly areas can also expect possible mudslides during heavy downpours. In areas of thundershowers, heavy winds and possible lightning strikes will likely be observed. Persons should exercise caution in efforts to safeguard life and property.

Marine Advisory: Spring tides coupled with moderate to rough waves will likely result in overtopping and possible damage to vulnerable areas of the river and sea defence. Persons are asked to take the necessary precautions against possible flooding.

Synopsis: Tropical Wave #4 is the dominant feature of interest affecting Regions 1 to 7 and 10. This wave is expected to continue to affect Regions 1 and 7 throughout the night. The passage of this wave will also bring plumes of moisture from the south and affect Regions 5, 6, and 10 as the night progresses. All remaining areas will likely experience mild to moderate instabilities. Meteorological models are indicating that most of the forecast area will continue to experience mild to moderate instabilities as moisture convergence within the trades will continue to move into Guyana.

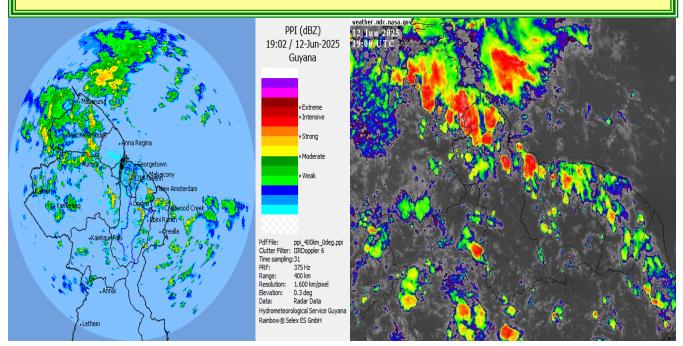
<u>Today's weather review</u>: Cloudy to overcast skies with widespread showers, continuous rain and were observed over Regions 1 to 4 and 7. Cloudy skies with isolated showers elsewhere.

Thursday, 12 June 2025 (19:00 hrs – 07:00 hrs)			Friday, 13 June 2025 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Cloudy to overcast skies with scattered to frequent showers of varying intensities and continuous	Regions	Weather Conditions	Cloudy skies with scattered showers and continuous rain can be expected over Regions 1 to 5 during the
Regions 1 to 7 and 10	Rainfall between: 20.0 mm	rain will likely be experienced over Regions 1, 5, 6, 7, and 10 during the night. Isolated thundershowers are also likely over these areas. Regions 2 to 4, 8, and 9 can expect cloudy skies with isolated to scattered showers during the early morning hours.	Regions 1 to 5	Rainfall between: 15.0 mm	morning. Conditions are expected to improve from the afternoon, as partly cloudy to sunny skies will likely persist. Regions 6 to 10 will likely experience cloudy skies with scattered showers and isolated thundershowers during the afternoon.
All remaining Regions	Rainfall between: 5.0 mm and 20.0 mm	Winds: Light to gentle easterly to southeasterly breeze. Strong winds and lightning strikes occur during thundershowers.  Minimum temperatures:  Coast: 22 °C – 24 °C  Hinterland: 19 °C – 22 °C	Regions 6 to 10	and 45.0 mm.  Rainfall between: 5.0 mm and 30.0 mm	Winds: Light to gentle easterly to southeasterly breeze. Strong winds and lightning strikes occur during thundershowers.  Maximum temperatures:  Coast: 27 °C – 29 °C  Hinterland: 28 °C – 30 °C

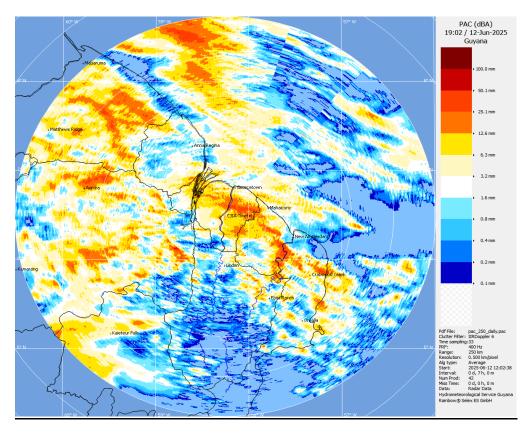
Georgetown's long-term daily average rainfall, for the next 10 days from June 12 to June 21, 2025, is 11.5 mm per day.

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RADAR and Infrared Satellite images valid at 19:00 UTC (15:00 hrs)



Seven(7) hours Precipitation Accumulation image (PAC) from 12:02 UTC (08:02 hrs) to 19:02 UTC (15:02 hrs).

<u>Table # 2: Occurrences of high and low tides for the next 24 hours and the times for sunrise and sunset.</u>

<b>Tonight (June 12, 2025)</b>	Tomorrow Morning (13 June 2025)		Tomorrow Afternoon (13 June 2025)	
Low Tide 22:55 hrs Tide Height 1.05 m	High Tide 05:05 hrs Tide Height 2.77 m  Low Tide 11:33 hrs Tide Height 0.64 m		High Tide 17:46 hrs Tide Height 2.60 m	
Sunrise:	05:36 hrs	Sunset:	18:07 hrs	

SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT.

<u>SEA CONDITIONS:</u> MODERATE TO ROUGH SEAS WITH NORTHEASTERLY TO EASTERLY SWELLS REACHING HEIGHTS OF 2.0 TO 3.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 7 AND 8 S. MODERATE TO FRESH NORTHEASTERLY TO EASTERLY WINDS.

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#### Extended Forecast

<u>Saturday and Wednesday:</u> Coastal Guyana can expect mostly cloudy skies with scattered showers of varying intensities and intermittent rain during the morning hours, with conditions expected to improve from the afternoon as partly cloudy to cloudy skies will likely persist. Inland and Southern Guyana can expect cloudy skies with isolated to scattered showers and thundershowers during the afternoon. Rainfall is expected to range between 15.0 mm and 50.0 mm, within 24 hours.

<u>Sunday through Tuesday:</u> Coastal Guyana can expect cloudy skies with isolated to scattered showers during the morning hours, with conditions expected to improve from the afternoon as partly cloudy to sunny skies will likely persist. Inland and Southern Guyana can expect cloudy skies with isolated to scattered showers from the afternoon. Rainfall is expected to range between 10.0 mm and 30.0 mm, within 24 hours.

For the Current Regional climate forecast, please see the latest Seasonal Climate Outlook, which is available on the Hydrometeorological Service's website <a href="https://hydromet.gov.gy">https://hydromet.gov.gy</a>.

An update in the bulletin is provided daily by the Hydromet Service.

Meteorologist: S. Nanlall