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

WEATHER BRIEF for today Monday, 14 July 2025, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Monday, July 14, 2025, were available for most stations.

Mara in Region 6 recorded the highest rainfall of 48.5 mm.

<u>Severe Weather Warning</u>: In areas of thundershowers, heavy winds and lightning strikes may be observed. Persons are asked to be alert and exercise caution in efforts to safeguard life and property.

<u>Marine Advisory:</u> Residents of low-lying, riverine, and flood-prone areas are advised to take the necessary precautions against flooding, as over-topping is likely due to spring tides.

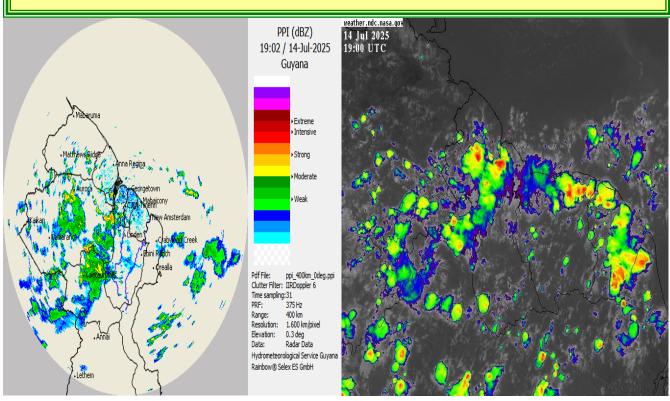
<u>Synopsis:</u> Tropical wave #11, coupled with the ITCZ, is the major feature of interest. Moisture plumes within the ITCZ are producing moderate to strong instabilities over Regions 6 to 10. Mild instabilities are also experienced elsewhere. This pattern is expected to continue into this evening and for the remainder of the week. Meteorological Models are also indicating that on Wednesday, convection is expected to increase over most of the forecast area as Tropical wave #12 is expected to move across Guyana. The effects of this wave are expected to last until Thursday afternoon.

<u>Today's weather review</u>: Cloudy skies with scattered showers and thundershowers were observed in Regions 6 to 10. Partly cloudy skies elsewhere.

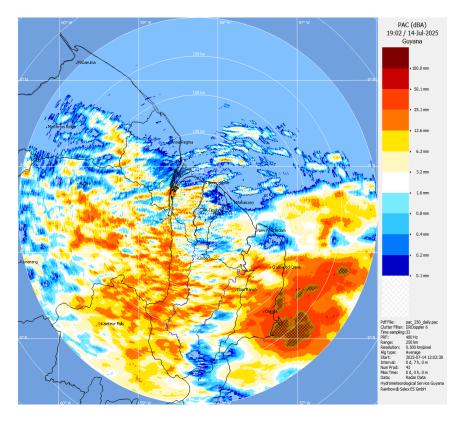
Monday, 14 July 2025 (19:00 hrs – 07:00 hrs)			Tuesday, 15 July 2025 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Cloudy to overcast skies with scattered showers of varying intensities and continuous rain will	Regions	Weather Conditions	Cloudy skies with isolated to scattered showers of varying intensities during the morning hours, with partly cloudy
Regions 1 and 6 to 10.	Rainfall between: 15.0 mm and 50.0 mm	likely be experienced over Regions 1 and 6 to 10. Isolated to scattered thundershowers are also likely over these areas. Regions 2 to 5 can expect partly cloudy skies during the evening hours. Conditions are expected to deteriorate from the Guyana	Rainfall between: 5.0 mm and 25.0 mm.	and sunny skies expected from the afternoon. Inland and Southern Guyana can expect cloudy to overcast skies with isolated to scattered showers and thundershowers from the early afternoon. <u>Winds:</u> Gentle to moderate northeasterly to easterly breeze. Strong winds and lightning strikes occur	
Region 2 to 5.	Rainfall between: 5.0 mm and 20.0 mm	Winds:Gentletomoderatenortheasterlytosouth-easterlybreeze.Strong winds and lightningstrikes occur during thundershowers.Minimum temperatures:Coast: $22 \ ^{\circ}C - 24 \ ^{\circ}C$ Hinterland: $19 \ ^{\circ}C - 22 \ ^{\circ}C$	Inland and Southern Guyana	Rainfall between: 5.0 mm and 30.0 mm.	Maximum temperatures: <u>Maximum temperatures:</u> Coast: 28 °C – 30 °C Hinterland: 28 °C – 31 °C

Georgetown's long-term daily average rainfall, for the next 10 days from July 14 to July 23, 2025, is 8.1 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).

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

Tonight (July 14, 2025)	Tomorrow Morning (15 July 2025)		Tomorrow Afternoon (15 July 2025)				
	Low Tide 00:44 hrs		Low Tide 13:06 hrs				
	Tide Height 0.89 m		Tide Height 0.59 m				
	High Tide 07:00 hrs		High Tide 19:14 hrs				
	Tide Height 2.90 m		Tide Height 2.85 m				
Sunrise: 05:43 hrs		Sunset:	18:12 hrs				
<u>SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT.</u>							

<u>SEA CONDITIONS:</u> SLIGHT SEAS WITH NORTHEASTERLY SEAS REACHING HEIGHTS OF 1.0 TO 1.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 8 AND 10 S. GENTLE EASTERLY WINDS.

Our Míssion: 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.

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Extended Forecast

<u>Wednesday and Thursday:</u> Cloudy to overcast skies, with scattered to frequent showers of varying intensities can be expected over most of Guyana. Isolated to scattered thundershowers are also likely over Regions 1 and 6 to 10. Rainfall is expected to range between 25.0 mm and 80.0 mm, within 24 hours.

<u>Friday through Sunday</u>: Cloudy skies with isolated to scattered showers of varying intensities during the morning hours, with partly cloudy and sunny skies expected from the afternoon. Inland and Southern Guyana can expect cloudy to overcast skies with isolated to scattered showers and thundershowers from the early afternoon. Rainfall is expected to range between 5.0 mm and 35.0 mm, with the highest expected over areas with thundershowers.

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

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

Meteorologist: S. Nanlall