

***HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE***

WEATHER BRIEF for today Monday, 16 September 2024, from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00 hrs Monday, September 16, 2024, were available for most stations.

Fort Island in Region 3 recorded the highest rainfall of 34.3 mm.

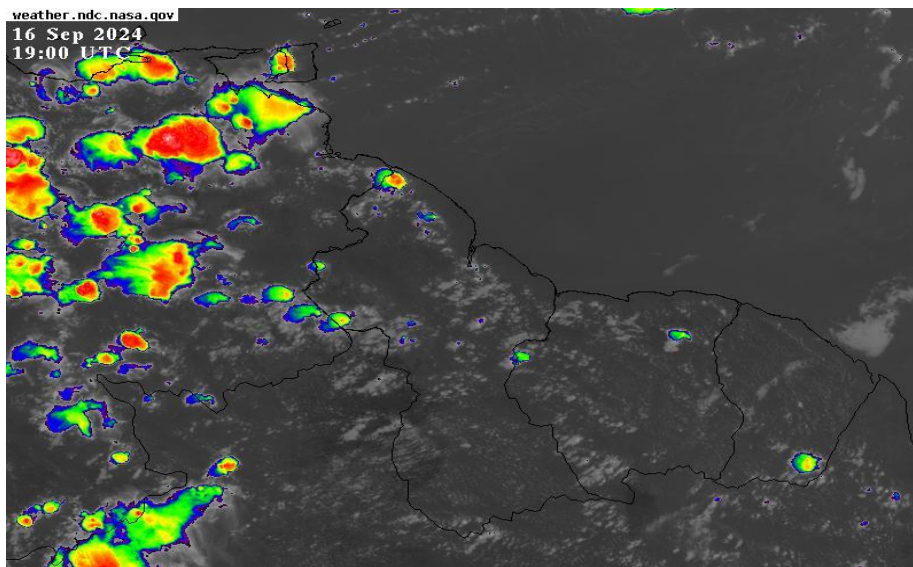
Severe Weather Warnings: Areas with thundershowers may experience lightning strikes and strong winds. Residents are asked to exercise caution during these events.

Synopsis: Inland areas along Regions 2, 3 and 7 experienced unstable conditions from the afternoon. Diurnal heating was the main contributor to these conditions. Dry and stable conditions continued over the remainder of the forecast area. Meteorological models are indicating that areas similar atmospheric conditions will continue for the remainder of the week.

Today's weather review: Mostly fair and sunny skies were observed over most of Coastal and Southern Guyana. Isolated to scattered showers and thundershowers over the Inland of Regions during the afternoon.

Monday, 16 September 2024 (19:00 hrs. – 07:00 hrs.)			Tuesday, 17 September 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Inland areas along Regions 1 to 4, and Regions 7 and 10.	 Rainfall between: 5.0 mm and 25.0 mm.	Mostly fair and clear skies are likely to be experienced over Coastal areas and Southern Guyana throughout the night. However, Coastal areas can expect partly cloudy to cloudy skies with brief isolated showers during the early morning. Inland areas along Regions 1 to 4, Regions 7 and 10 can expect cloudy skies with isolated to scattered showers and thundershowers during the evening hours. All remaining areas can expect mostly fair skies.	Coastal Guyana and Regions 8 to 9	 No significant rainfall	Partly cloudy to fair and sunny skies are expected along Coastal Guyana and Regions 8 to 10. Inland areas along Regions 1 to 4, Southern Region 6, Regions 7 and 10 can expect cloudy skies with scattered showers and thundershowers from the afternoon. <u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Gusty during thundershowers. <u>Maximum temperatures:</u>
All remaining areas	 No significant rainfall	<u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Gusty during thundershowers. <u>Minimum temperatures:</u> Coast: 22 °C – 25 °C Hinterland: 19 °C – 22 °C	Inland areas along Regions 1 to 4, Southern Region 6 and Regions 7 and 10.	 Rainfall between: 10.0 mm and 30.0 mm.	Coast: 30 °C – 32 °C Hinterland: 33 °C – 35 °C

Georgetown's long-term daily average rainfall, for the next 10 days from September 12 to September 21, 2024, is 3.2 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Monday, September 16, 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 (September 16, 2024)	Tomorrow Morning (September 17, 2024)		Tomorrow Afternoon (September 17, 2024)
Low Tide 20:53 hrs Tide Height 0.66 m	High Tide 03:07 hrs Tide Height 3.21 m Low Tide 09:16 hrs Tide Height 0.29 m		High Tide 15:33 hrs Tide Height 3.19 m
Sunrise:	05:41 hrs	Sunset:	17:50 hrs

SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT AND WILL CONTINUE UNTIL SUNDAY SEPTEMBER 22, 2024. RESIDENTS OF LOW-LYING, RIVERINE, AND FLOOD-PRONE AREAS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS AGAINST FLOODING AS OVER-TOPPING IS LIKELY.

Sea conditions: SLIGHT TO MODERATE SEAS WITH NORTHEASTERLY WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 9 AND 10 S. GENTLE TO MODERATE BREEZE FROM THE EAST TO SOUTHEAST.

Extended Forecast

Wednesday thru Sunday: Partly cloudy to cloudy skies with brief isolated showers are likely to be experienced over Coastal Guyana during the morning hours with fair and sunny skies expected from the afternoon. Regions 8 and 9 can expect mostly sunny skies. *Rainfall is not expected to be significant over Coastal areas and Regions 8 and 9.*

Inland areas along Regions 1 to 4, Southern Region 6, Regions 7 and 10 can expect fair skies during the morning hours with conditions expected to deteriorate from the afternoon, as cloudy skies with isolated to scattered showers and thundershowers will likely persist. Rainfall is expected to range between 5.0 mm and 30.0 mm over Inland areas 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

Meteorologist: S. Nanlall

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