

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

**WEATHER BRIEF for today Wednesday, 18 September 2024, from the Hydrometeorological Service, Guyana**





Rainfall records for the past 24 hours, measured at 08:00 hrs Wednesday, September 18, 2024, were available for most stations.

**West Watooka in Region 10 recorded the highest rainfall of 94.4 mm.**

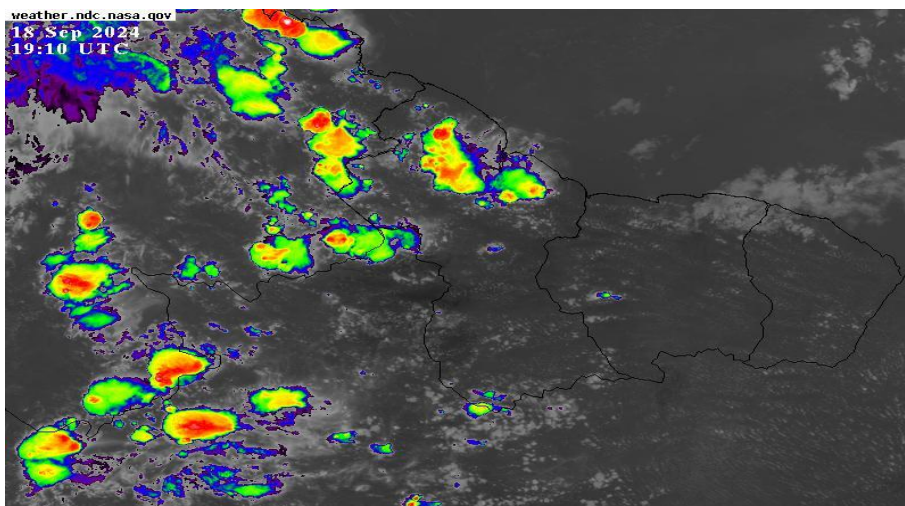
**Severe Weather Warnings: Areas with thundershowers will experience lightning strikes and strong winds. Residents are asked to take the necessary precautions to safeguard life and property during these events.**

**Synopsis:** Areas along Regions 2 to 5 experienced unstable conditions during the morning hours and continued over Inland areas as the day progressed. Surface convergence coupled with mid-level troughing were analyzed as the features which created these conditions. Diurnal heating was also responsible for afternoon convection over Inland areas. All remaining areas observed generally stable conditions. Areas over Regions 1 to 5, 7 and 10 will continue to experience periods of unstable conditions as the week progresses. All remaining areas will likely experience stable conditions.

**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 from the mid-morning into the afternoon.

Wednesday, 18 September 2024 (19:00 hrs. – 07:00 hrs.)			Thursday, 19 September 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1, 7, 10 and Southern Region 6	 <b>Rainfall between: 10.0 mm and 30.0 mm.</b>	Regions 1, 7, 10 and Southern Region 6 can expect cloudy skies with isolated to scattered showers and thundershowers during the evening hours. Mostly fair and clear skies are likely to be experienced over the remainder of Guyana throughout the night. However, Coastal areas can expect partly cloudy to cloudy skies with brief isolated showers during the early morning.	Coastal areas and Regions 8, 9	 <b>No significant rainfall</b>	Partly cloudy to fair and sunny skies are expected along Coastal Guyana and Regions 8 and 9. Inland areas along Regions 1 to 5, Southern Region 6, Regions 7 and 10 can expect cloudy to overcast skies with scattered showers and thundershowers from the mid-morning and continuing into the afternoon.
All remaining areas	 <b>No significant rainfall</b>	<b>Winds:</b> Gentle to moderate easterly to southeasterly breeze. Gusty during thundershowers. <b>Minimum temperatures:</b> 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.	 <b>Rainfall between: 20.0 mm and 40.0 mm.</b>	<b>Winds:</b> Gentle to moderate easterly to southeasterly breeze. Gusty during thundershowers. <b>Maximum temperatures:</b> Coast: 30 °C – 32 °C Hinterland: 33 °C – 35 °C

Georgetown's long-term daily average rainfall, for the next 10 days from September 18 to September 27, 2024, is 2.6 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Wednesday, September 18, 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 18, 2024)	Tomorrow Morning (September 19, 2024)		Tomorrow Afternoon (September 19, 2024)
Low Tide 22:21 hrs Tide Height 0.34 m	High Tide 04:40 hrs Tide Height 3.31 m  Low Tide 10:39 hrs Tide Height 0.20 m		High Tide 16:48 hrs Tide Height 3.36 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 EASTERLY WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 5 AND 6 S. GENTLE TO MODERATE BREEZE FROM THE EAST TO SOUTHEAST.**

**Extended Forecast**

**Friday thru Tuesday: Partly cloudy to cloudy skies with brief isolated showers are likely to be experienced over Coastal Guyana during the morning ours 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 5, Southern Region 6, Regions 7 and 10 can expect fair skies during the morning hours with conditions expected to deteriorate from the mid-morning, as cloudy to overcast 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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