

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Tuesday, 24 September 2024, from the Hydrometeorological Service, Guyana





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

Wismar in Region 10 recorded the highest rainfall of 18.3 mm.

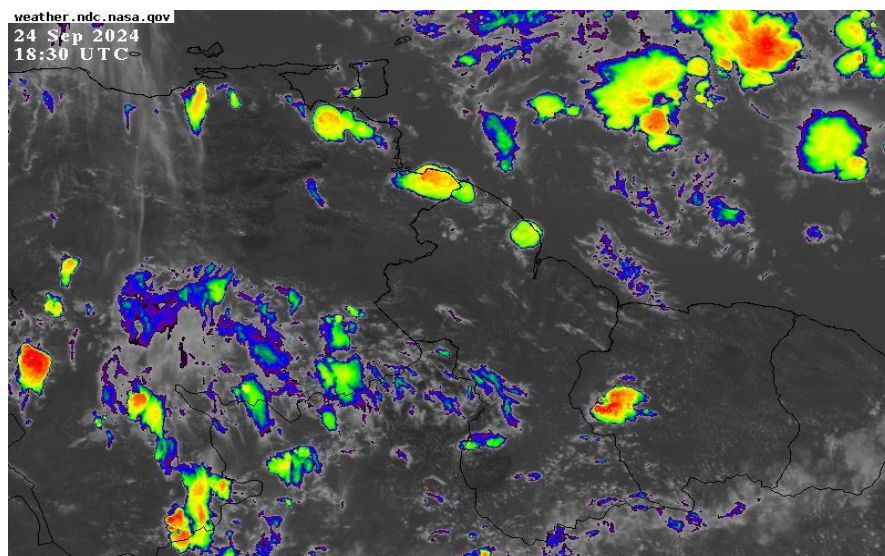
Severe Weather Warnings: Areas with thundershowers will experience lightning strikes and strong winds. Residents are asked to take the necessary precautions to safeguard life and property during these events.

Synopsis: A Tropical wave located in the Atlantic (North of Guyana) is creating mild instabilities over Northern Guyana. However, a strong south-easterly flow coupled with shear at the upper levels is inhibiting any deep convective activity over Coastal Guyana. Localized daytime heating continued to produce isolated pockets of instability over Inland areas. Southern Guyana experienced mostly stable conditions. Meteorological models are indicating that the Tropical wave will affect areas over Regions 1 and 7 as it continues to move west. In all other areas, a ridging pattern will continue to be the dominant feature.

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.

Tuesday, 24 September 2024 (19:00 hrs. – 07:00 hrs.)			Wednesday, 25 September 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1, 7, 9, 10, and Southern Region 6	 Rainfall between: 5.0 mm and 20.0 mm.	Regions 1, 7, 9, 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, during the early morning, Coastal areas can expect partly cloudy to cloudy skies with brief passing showers.	Coastal areas and Regions 8, 9	 No significant rainfall	Partly cloudy to fair and sunny skies are expected along Coastal Guyana, Regions 8 and 9. Inland areas along Regions 1 to 5, 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. Strong winds and lightning strike in areas of thundershowers.
All remaining areas	 No significant rainfall	<u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Strong winds and lightning strike in areas of thundershowers. <u>Minimum temperatures:</u> Coast: 22 °C – 25 °C Hinterland: 19 °C – 22 °C	Inland areas along Regions 1 to 5, Southern Region 6, Regions 7 and 10.	 Rainfall between: 5.0 mm and 20.0 mm.	<u>Maximum temperatures:</u> Coast: 30 °C – 32 °C Hinterland: 33 °C – 35 °C

Georgetown's long-term daily average rainfall, for the next 10 days from September 24 to October 04, 2024, is 2.6 mm per day.



Infrared Satellite image valid at 18:30 UTC (14:30 hrs) Tuesday, September 24, 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 24, 2024)	Tomorrow Morning (September 25, 2024)		Tomorrow Afternoon (September 25, 2024)
High Tide 20:35 hrs Tide Height 2.49 m	Low Tide 03:55 hrs Tide Height 1.08 m High Tide 10:41 hrs Tide Height 2.20 m		Low Tide 15:55 hrs Tide Height 1.35 m
Sunrise:	05:40 hrs	Sunset:	17:45 hrs

SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS NOT IN EFFECT.

Sea conditions: SLIGHT SEAS WITH EASTERLY WAVES REACHING HEIGHTS OF 1.0 TO 1.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF 4 AND 6 S. GENTLE BREEZE FROM THE EAST TO SOUTHEAST.

Extended Forecast

Thursday through Monday: Partly cloudy to fair and sunny skies are likely to be experienced over Coastal Guyana during the. Regions 8 and 9 can also expect mostly sunny skies. **Rainfall is not expected to be significant over these areas. 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 25.0 mm in areas with thundershowers, 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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