

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for today Thursday, 12 September 2024, from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00 hrs Thursday, September 12, 2024, were available for most stations.

Uitvlugt Front in Region 3 recorded the highest rainfall of 142.2 mm.

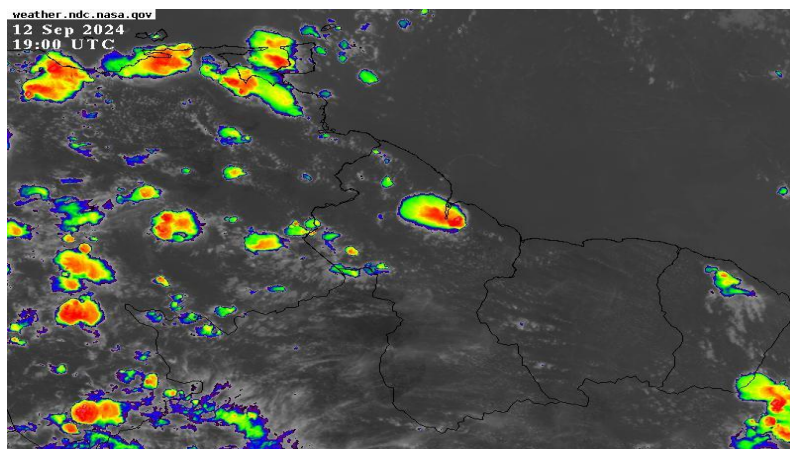
Severe Weather Warnings: Areas with thundershowers may experience lightning strikes and strong winds. Residents are asked to exercise caution during these events.

Synopsis: Inland areas along Regions 2,3 and 7 continued to experience very unstable conditions from the afternoon. Low-level forcing with a divergent flow aloft was analyzed over these areas. In addition to these features, diurnal heating also contributed to these very unstable conditions. Dry and stable conditions continued over the remainder of the forecast area. Meteorological models are indicating that areas over Regions 1 to 4 and 7 will experience isolated pockets of instabilities for the next 48 hours. All other areas will continue to 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 2,3, and 7 during the afternoon.

| Thursday, 12 September 2024 (19:00 hrs. – 07:00 hrs.) | | | Friday, 13 September 2024 (07:00 hrs. – 19:00 hrs) | | |
|--|---|---|--|---|--|
| Regions | Weather Conditions | | Regions | Weather Conditions | |
| Coastal areas |  Rainfall between: 0.0 mm and 15.0 mm. | Mostly fair and clear skies are likely to be experienced in Coastal areas and Southern Guyana throughout the night. Coastal areas can expect cloudy skies with isolated to scattered showers during the morning. Inland areas along Regions 1 to 4 and Regions 7 and 10 can expect cloudy skies with isolated to scattered showers and thundershowers during the evening hours. Southern Guyana can expect partly cloudy to fair skies with no significant rainfall expected. | Coastal areas along regions 4 to 5 |  Rainfall between: 0.0 mm and 10.0 mm. | Cloudy skies with isolated to scattered showers are likely to be experienced over Coastal areas during the morning. Conditions are expected to improve from the mid-morning as fair and sunny skies will persist. Inland areas along Regions 1 to 5, Regions 7 and 10 can expect cloudy to overcast skies with scattered showers and thundershowers from the afternoon. Southern Guyana can expect partly cloudy to sunny skies with no significant rainfall expected. |
| Inland areas along Regions 1 to 4, and Regions 7 and 10. |  Rainfall between: 5.0 mm and 40.0 mm. | <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 | Regions 1 to 3 and Inland areas |  Rainfall between: 10.0 mm and 40.0 mm. | <u>Winds:</u> Gentle to moderate easterly to southeasterly breeze. Gusty during thundershowers. <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 12 to September 21, 2024, is 3.2 mm per day.



Infrared Satellite image valid at 19:00 UTC (15:00 hrs) Thursday, September 12, 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 12, 2024) | Tomorrow Morning (September 13, 2024) | | Tomorrow Afternoon (September 13, 2024) |
|---|--|----------------|---|
| High Tide 23:23 hrs Tide Height 2.38 m | Low Tide 05:48 hrs Tide Height 1.03 m | | High Tide 12:27 hrs Tide Height 2.21 m |
| | | | Low Tide 18:13 hrs Tide Height 1.39 m |
| Sunrise: | 05:42 hrs | Sunset: | 17:52 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 5 AND 6 S. GENTLE TO MODERATE BREEZE FROM THE EAST.

Extended Forecast

Saturday: Cloudy skies with isolated to scattered showers are likely to be experienced over Coastal areas during the morning. Conditions are expected to improve from the mid-morning as fair and sunny skies will persist. Inland areas along Regions 1 to 5, Regions 7 and 10 can expect cloudy to overcast skies with scattered showers and thundershowers from the afternoon. **Rainfall is expected to range between 5.0 mm and 15.0 mm over Coastal Guyana and between 10.0 mm and 60.0 mm over Inland areas. Southern Guyana can expect partly cloudy to sunny skies with no significant rainfall expected.**

Thursday through Monday: Partly cloudy to cloudy skies with isolated showers are likely to be experienced over Coastal Guyana during the morning hours with fair and sunny skies expected from the afternoon. Inland areas and Southern Guyana 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 25.0 mm over Inland and Southern areas and between 0.0 mm and 10.0 mm elsewhere, 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

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