

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





**WEATHER BRIEF for Monday, 18 September 2023, from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs on Monday, September 18, 2023, were available for most of the stations.

**Wauna White Water in Region 1 recorded the highest rainfall 24.6 mm.**

**Synopsis:** No change in atmospheric dynamics as stable conditions continued over most of the forecast area. Dry air from the low to mid-levels coupled with subsidence aloft are the contributing factors to the dry and stable conditions that are currently being experienced. No change is expected as the week progresses. However, localized daytime heating will likely produce mild to moderate instabilities over Inland areas during the afternoon period.

**Today's weather review:** Mostly sunny skies were experienced throughout the morning and into the early afternoon period over most of the forecast area. Inland areas and Southern Region 6 observed partly cloudy to cloudy skies with isolated showers and thundershowers from the late afternoon hours.

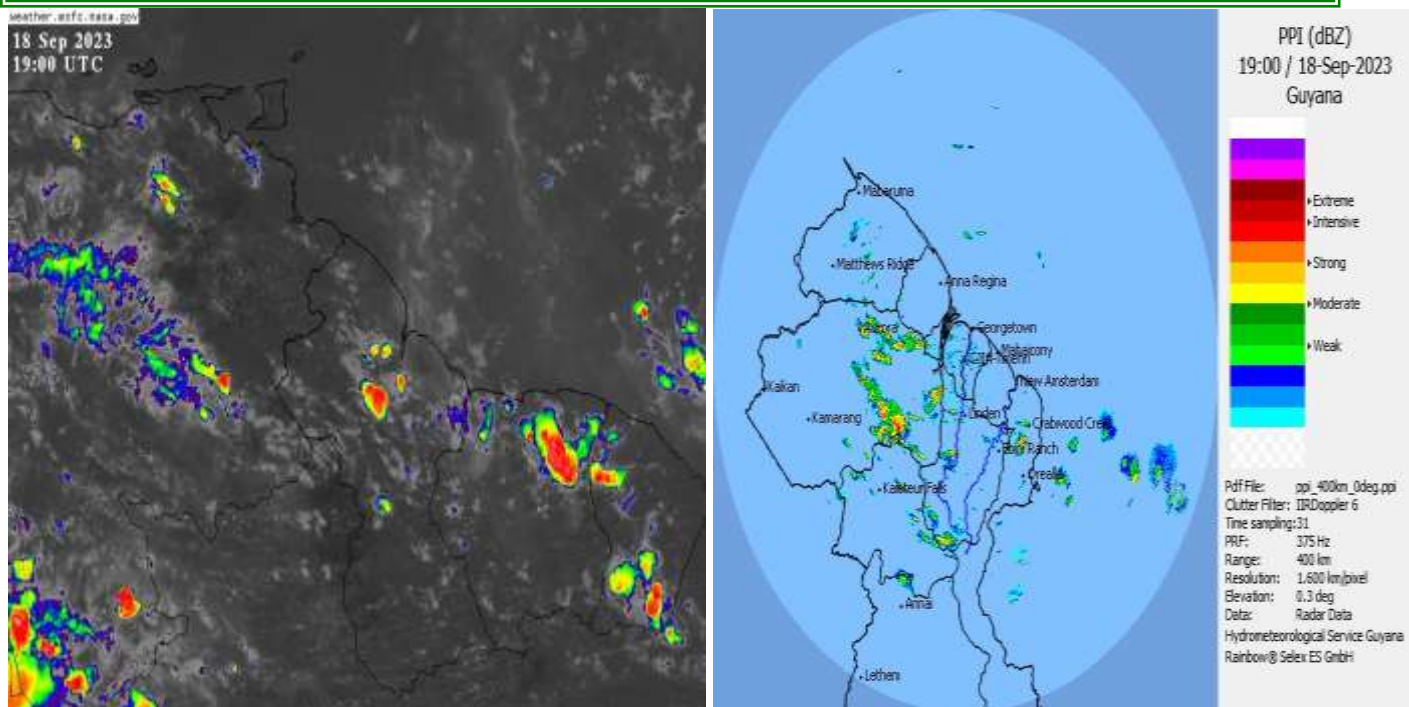
Monday, 18 September 2023 (19:00 hrs. – 07:00 hrs.)			Tuesday, 19 September 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Region 1, Inland areas along regions 3 to 4, and Region 7	 Rainfall between: 0.0 mm and 25.0 mm	Partly cloudy to cloudy skies with scattered showers and possible thundershowers can be expected over region 1, Inland areas along regions 3 to 4, and Region 7 during the early evening hours. Conditions are expected to improve over these areas as the night progresses as fair and clear skies will likely persist. All remaining areas can expect partly cloudy to fair and clear skies.  <u>Winds:</u> Light to gentle breeze from the east. Light and variable over Inland areas. Gusting during thundershowers.	Coastal Regions 2 to 6 and Southern Guyana	 No significant rainfall is expected.	Partly cloudy to fair, hazy, and sunny skies are likely to be experienced over Coastal Regions 2 to 6 and Southern Guyana. Region 1, Inland areas along regions 2 to 4, Southern Region 6, Regions 7 and 10 can expect partly cloudy to fair skies during the morning hours with conditions expected to deteriorate slightly from the afternoon hours as cloudy skies accompanied by isolated showers and possible thundershowers can be expected.
All remaining areas	 No significant rainfall is expected	<u>Minimum temperatures:</u> Coast: 23 °C – 26 °C Hinterland: 21 °C – 24 °C	Regions 1, Inland areas along regions 2 to 4, Southern Region 6, Regions 7 and 10.	 Rainfall between: 0.0 mm and 15.0 mm	<u>Winds:</u> Light to gentle breeze from the east over most of the forecast area. Gusting during thundershowers.  <u>Maximum temperatures:</u> Coast: 31 °C – 33 °C Hinterland: 34 °C – 36 °C

Georgetown's long-term daily average rainfall, for the next 10 days from September 18 to September 27, 2023, is 2.6 mm per day.

**Severe Weather Warnings:** Areas with thundershowers may experience lightning strikes and heavy winds. Please take the necessary precautions to ensure the safety of lives and property.

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*Radar and Infrared Satellite images valid at 19:00 UTC (15:00 hrs) Monday, September 18, 2023*

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

Tonight (September 18, 2023)	Tomorrow Morning (September 19, 2023)	Tomorrow Afternoon (September 19, 2023)
	<p><i>Low Tide 00:12 hrs Tide Height 0.67 m</i></p> <p><b>High Tide 06:12 hrs Tide Height 2.80m (above normal)</b></p>	<p><i>Low Tide 12:04 hrs Tide Height 0.80 m</i></p> <p><b>High Tide 18:16 hrs Tide Height 2.75 (above normal)</b></p>
<i>Sunrise:</i>	<i>05:40 hrs</i>	<i>Sunset: 17:50 hrs</i>

**SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS IN EFFECT AND WILL CONTINUE UNTIL TUESDAY, SEPTEMBER 19, 2023. 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 SEAS WITH NORTH-EASTERLY WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 6 S AND 8 S. GENTLE TO MODERATE BREEZE FROM THE EAST TO THE SOUTHEAST.**

***Extended Forecast***

***Wednesday, Friday, Saturday and Sunday:* Partly cloudy to fair, hazy, and sunny skies will likely be experienced over Coastal Regions 2 to 6 and Southern Guyana with no significant rainfall expected. Regions 1, Inland areas along regions 2 to 4, Southern Region 6, Regions 7 and 10 can expect partly cloudy to fair and sunny skies during the morning period, with conditions likely to deteriorate from the afternoon hours as cloudy skies accompanied by scattered showers of varying intensities can be expected. Isolated thundershowers are also likely over Inland areas. **Rainfall is expected between 0.0 mm and 20.0 mm within 24 hours.****

***Thursday:* Partly cloudy to fair skies becoming occasionally overcast at times are likely to be experienced over most of the forecast area. These conditions are likely to be accompanied by scattered showers varying mostly from light to moderate. Isolated thundershowers are likely to be experienced over Inland areas during the afternoon hours. Coastal Guyana can expect improvements in weather conditions from the afternoon hours. **Rainfall is expected between 5.0 mm and 25.0 mm within 24 hours, with the highest expected in areas with thundershowers.****

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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