

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE





WEATHER BRIEF for Wednesday, 13 September 2023, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs on Wednesday, September 13, 2023, were available for most of the stations.

Kamarang in Region 7 recorded the highest rainfall 25.3 mm.

Synopsis: Stable conditions continued over most of the forecast area. Dry air from the low to mid-levels coupled with subsidence and vertical shear aloft are the contributing factors to the dry and stable conditions that are currently being experienced. These conditions are not expected to change significantly as the week progresses and as we head into the weekend. 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 observed partly cloudy to cloudy skies with isolated showers and thundershowers from the late afternoon hours.

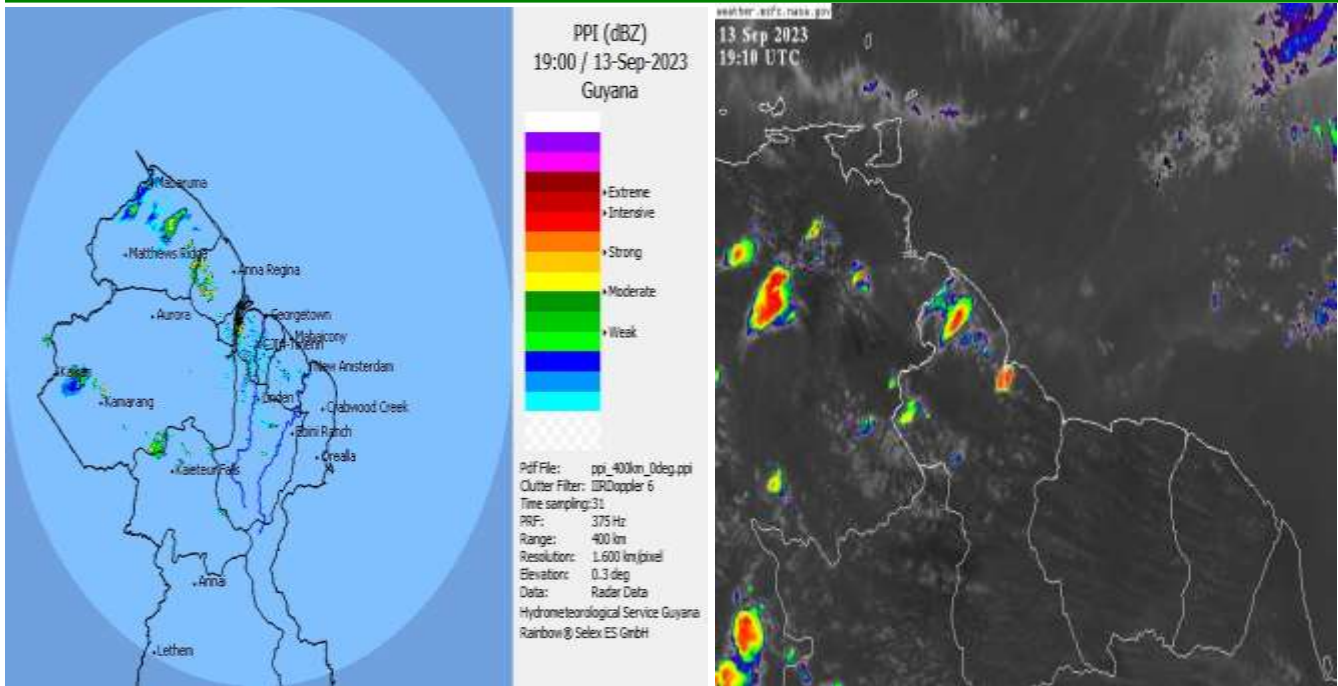
Wednesday, 13 September 2023(19:00 hrs. – 07:00 hrs.)			Thursday, 14 September 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Region 1, Inland areas along regions 2 to 4, and Region 7	 Rainfall between: 0.0 mm and 15.0 mm	Partly cloudy to cloudy skies with isolated showers and thundershowers can be expected over region 1, Inland areas along regions 2 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 to southeast. 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 – 25 °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 to the southeast over most of the forecast area. Gusting during thundershowers. <u>Maximum temperatures:</u> Coast: 31 °C – 33 °C Hinterland: 32 °C – 35 °C

Georgetown's long-term daily average rainfall, for the next 10 days from September 13 to September 22, 2023, is 3.1 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) Wednesday, September 13, 2023

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

Tonight (September 13, 2023)	Tomorrow Morning (September 14, 2023)	Tomorrow Afternoon (September 14, 2023)
Low Tide 21:22 hrs Tide Height 0.76 m	High Tide 03:18 hrs Tide Height 2.91 m (above normal)	High Tide 16:10 hrs Tide Height 2.90 (above normal)
	Low Tide 09:51 hrs Tide Height 0.69 m	
Sunrise:	05:41 hrs	Sunset: 17:53 hrs

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 TO MODERATE 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

Friday thru Tuesday: 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 5.0 mm and 25.0 mm 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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