

# *HYDROMETEOROLOGICAL SERVICE*

## *MINISTRY OF AGRICULTURE*





### WEATHER BRIEF for today Thursday, 18 April 2024, from the Hydrometeorological Service, Guyana

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

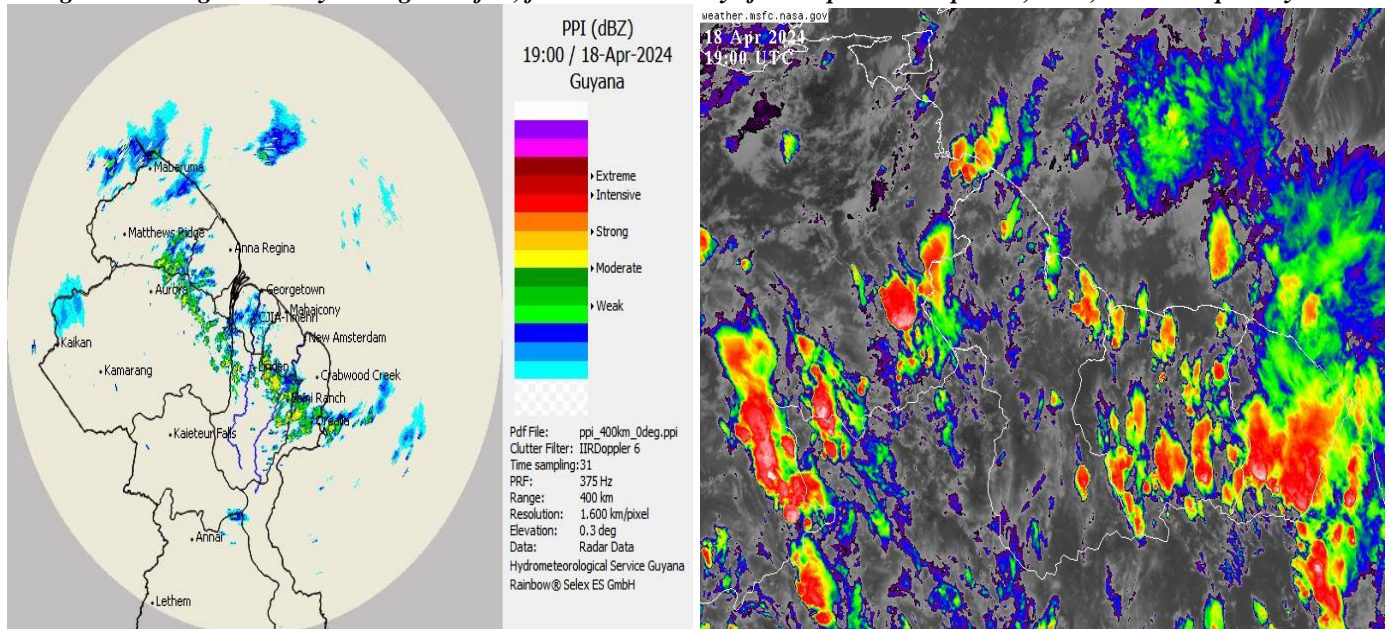
**Arakaka in Region 1 recorded the highest rainfall of 94.2 mm.**

**Synopsis:** Confluent flow coupled with troughs seen at the lower levels created mostly unstable conditions over Inland and Southern Guyana throughout the day. These conditions are expected to continue for the next 12 to 24 hours. Meteorological models are indicating that areas over Regions 1 and 2 will also become very unstable from this evening as low-level troughs are also expected to move across these areas. All remaining areas will experience mild to moderate instabilities for the next 12 to 24 hours. Stable conditions are expected over Northern Guyana from Saturday while Southern Guyana will continue to experience unstable conditions throughout the weekend and into the new week.

**Today's weather review:** Cloudy to overcast skies with scattered showers of varying intensities were observed over Inland and Southern Guyana. All remaining areas observed partly cloudy skies.

Thursday, 18 April 2024 (19:00 hrs. – 07:00 hrs.)			Friday, 19 April 2024 (07:00 hrs. – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1, 2, 6, 7, 8 and 9.	 <b>Rainfall between: 30.0 mm and 60.0 mm.</b>	Cloudy to overcast skies with scattered showers of varying intensities and continuous rain are likely to be experienced over Regions 1, 2, 6, 7, 8, and 9 throughout the night. Isolated thundershowers can also be expected over these areas. All remaining regions can expect partly cloudy to cloudy skies with isolated showers during the early morning hours.  <u>Winds:</u> Moderate breeze from the northeast. Gusting during heavy downpours and thundershowers.	Coastal Guyana	 <b>Rainfall between: 5.0 mm and 20.0 mm</b>	Cloudy skies with scattered showers and intermittent rain can be expected over Coastal Regions during the early morning hours. Conditions are expected to improve from the afternoon as partly cloudy skies will likely prevail. Inland and Southern Guyana can expect cloudy to overcast skies with scattered showers and continuous rain. Isolated thundershowers are also likely over these areas.
All remaining Regions.	 <b>Rainfall between: 5.0 mm and 20.0 mm.</b>	<u>Minimum temperatures:</u> Coast: 23 °C – 25 °C Hinterland: 20 °C – 23 °C	Inland areas and Southern Guyana	 <b>Rainfall between: 20.0 mm and 60.0 mm</b>	<u>Winds:</u> Moderate breeze from the northeast. Gusting during heavy downpours and thundershowers.  <u>Maximum temperatures:</u> Coast: 29 °C – 32 °C Hinterland: 31 °C – 33 °C

Georgetown's long-term daily average rainfall, for the next 10 days from April 18 to April 27, 2024, is 5.1 mm per day.



**RADAR and Infrared Satellite images valid at 19:00 UTC (19:00 hrs) Thursday, April 18, 2024.**

**Our Mission:** To Observe, archive and understand Guyana's weather, and Climate and provide meteorological, hydrological and oceanographic service in support of Guyana's national needs and international obligation.

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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 (April 18, 2024)	Tomorrow Morning (April 19, 2024)		Tomorrow Afternoon (April 19, 2024)
<i>Low Tide 19:30 hrs Tide Height 1.08 m</i>	<i>High Tide 01:50 hrs Tide Height 2.63 m</i>  <i>Low Tide 07:25 hrs Tide Height 1.00 m</i>		<i>High Tide 13:33 hrs Tide Height 2.54 m</i>
<i>Sunrise:</i>	<i>05:42 hrs</i>	<i>Sunset:</i>	<i>17:59 hrs</i>

***SPRING TIDE ADVISORY: CITIZENS ARE ADVISED THAT THE SPRING TIDE ADVISORY IS PRESENTLY NOT IN EFFECT. THE NEXT PERIOD OF SPRING TIDES WILL BEGIN FROM SATURDAY APRIL 20, 2024.***

***Sea conditions: MODERATE SEAS WITH EASTERLY SWELLS REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 S AND 11 S. GENTLE TO MODERATE BREEZE FROM THE EAST.***

***Extended Forecast***

***Saturday, Sunday, and Wednesday: Partly cloudy to fair and sunny skies with possible isolated showers during the early morning hours are likely to be experienced over Coastal Guyana. Rainfall will range between 0.0 mm and 10.0 mm within 24 hours. Inland and Hinterland areas can expect cloudy to overcast skies accompanied by scattered to frequent showers of varying intensities and intermittent rain. Isolated thundershowers are also likely over these areas. Rainfall will range between 20.0 mm and 50.0 mm within 24 hours.***

***Monday and Tuesday: Cloudy to overcast skies with scattered showers of varying intensities and intermittent rain can be expected over most of the forecast area. Isolated thundershower can be expected over Southern Guyana. Rainfall will range between 30.0 mm and 60.0 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

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