

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

Weather Brief for Wednesday, 17 April 2024 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday, 17 April 2024 were available for most of the stations

Grass Hook in Region 5 recorded the highest rainfall of 37.9 mm.



Severe Weather Warnings: Areas of thundershowers will likely experience heavy winds and lightning strikes. Persons are asked to take the necessary precautions.

Marine Advisory: Scattered showers and isolated thundershowers.

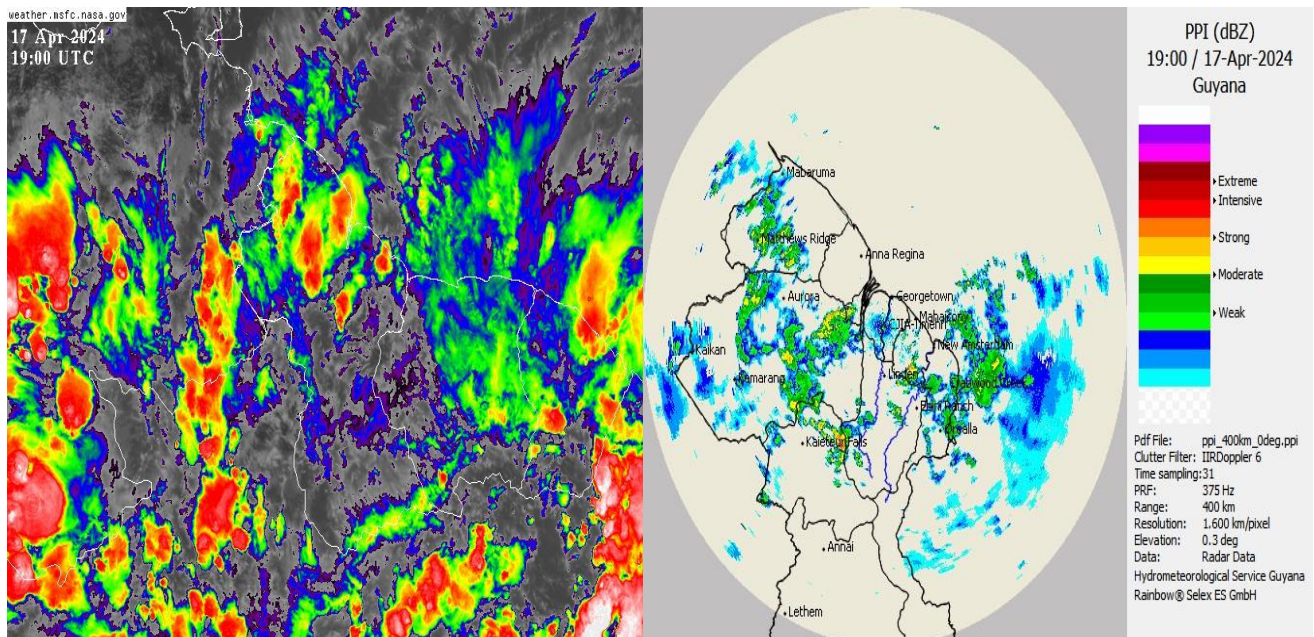
Synopsis: Surface-to-lower atmospheric troughs associated with high moisture produce instabilities. Dynamical models indicate a gradual increase in moisture throughout the levels of the atmosphere and instabilities over the next 3 days.

Today's weather review: Cloudy skies with frequent showers were observed over coastal Guyana, and all remaining areas observed cloudy to overcast skies with light to heavy showers, thundershowers, and rain.

Table # 1 Weather forecast for the next Twenty-four hours

Wednesday, 17 April 2024(19:00 hrs. – 07:00 hrs.)			Thursday, 18 April 2024 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
All regions.	 Rainfall is expected between 10 & 40 mm.	Cloudy to overcast skies are likely across Guyana. Inland regions 7, 8, 10, and southern regions 6 and 9 can expect light to heavy showers, thundershowers, and intermittent rain. The remaining regions can expect these conditions in the morning hours. <u>Winds:</u> Moderate to fresh breeze from the east. <u>Minimum temperatures:</u> Coast: 21 °C – 25°C Hinterland: 19 °C – 23 °C	All regions.	 Rainfall is expected between 20 & 50 mm.	Cloudy to overcast skies with light to heavy showers, thundershowers, and rain are likely to prevail across Guyana. <u>Winds:</u> Gentle to moderate breeze from the east. <u>Maximum temperatures:</u> Coast: 27 °C – 30°C Hinterland: 27 °C – 30 °C

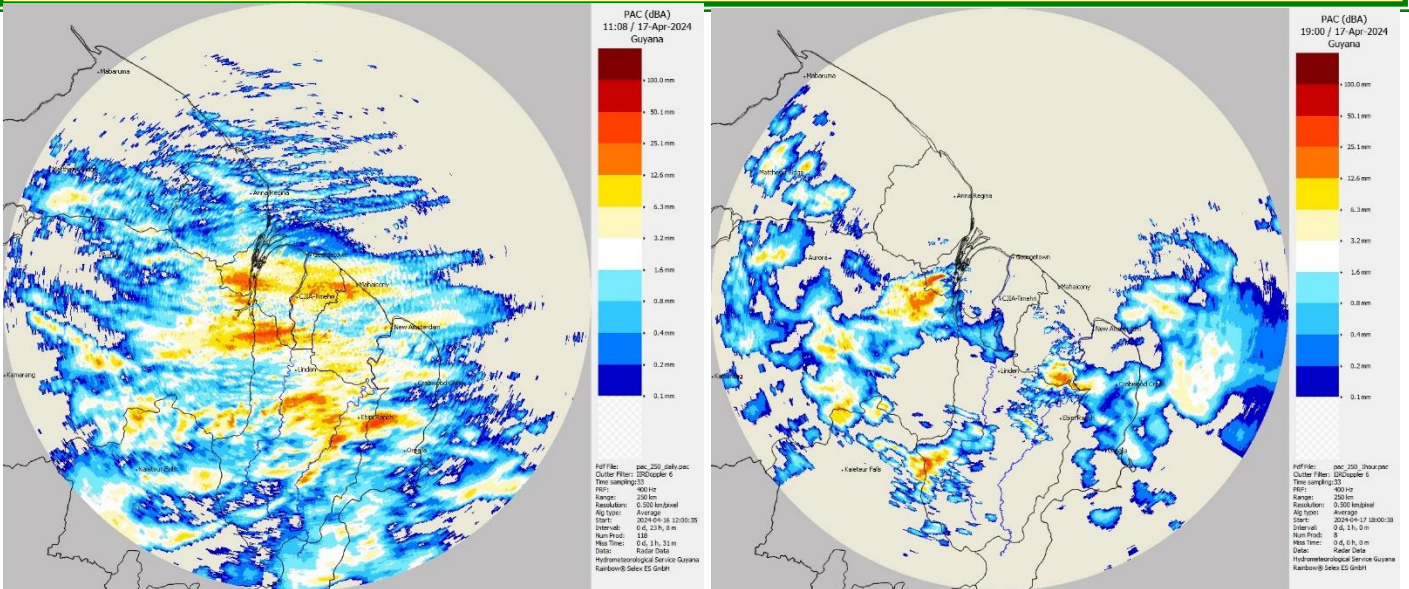
The long-term daily average rainfall for Georgetown, for the next 10 days April 18 to 27, 2024, is 5.3 mm per day.



Infrared Satellite and Radar images valid at 19:00 UTC (15:00hrs) on 17 April 2024.

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Radar-generated 24hrs and 9hrs precipitation estimates valid 8 hrs and 15 hrs on April 17, 2024

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

Tomorrow Morning (April 18, 2024)	Tomorrow Afternoon (April 18, 2024)		Tomorrow Evening (April 18, 2024)
High Tide 01:09hrs Tide Height 2:48m	High Tide 12:46hrs Tide Height 2:41m		Low Tide 19:30 Tide Height 1.08m
Low Tide 06:37 Tide Height 1.17m			
Sunrise:	05:42hrs	Sunset:	17:59hrs

SPRING TIDE ADVISORY: The spring tide is not in effect.

Sea conditions:

- Moderate to rough seas from the northeast with swells reaching 2.5 to 3.0 meters in open waters.
- These waves will likely have periods of between 10 and 12 seconds.
- Fresh breeze from the east.

Extended Forecast

Friday through Saturday: Cloudy to overcast skies with light to heavy showers, thundershowers, and rain are likely to prevail across Guyana. **Rainfall is expected between 20 mm and 60 mm within 24 hours.**

Sunday through Tuesday: Partly cloudy and sunny skies with a few passing showers are likely over coastal regions. All remaining regions can expect partly sunny skies becoming cloudy in the afternoon with brief showers and isolated thundershowers. **Rainfall is expected between 0 mm and 5 mm over coastal regions, and elsewhere between 5 mm and 15 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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