

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Monday May 06, 2019 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Sunday May 06, 2019, were available for some of the stations.

The highest rainfall of 78.0mm was recorded at Fort Island in Region 3.

Synopsis: Converging surface winds with deep atmospheric moisture produced weak instability over the coastal area today. All other areas were affected by moderate instability produced by a low to mid-level trough. An asymptote of confluent at the mid-atmosphere limited the development deep convective clouds.

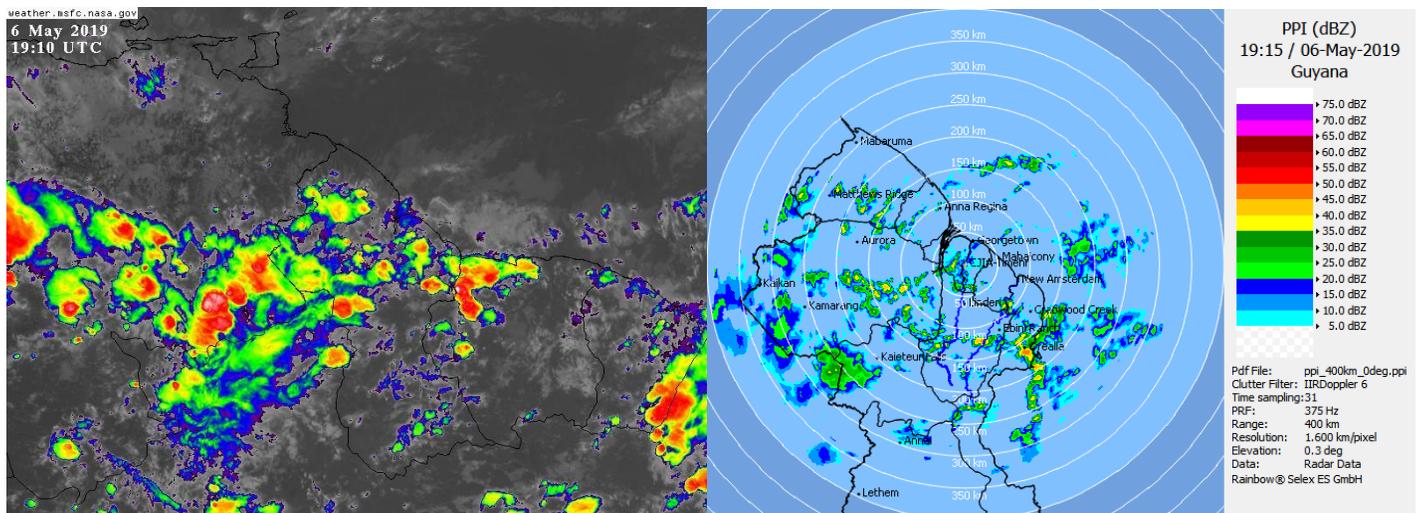
Today's weather review: Mostly cloudy skies were observed throughout the forecast area today. Generally light showers and frequent rain were observed along the coast while all other areas observed Light to moderate showers and frequent to continuous rain. Thundershowers were also observed over regions 7 and 10.

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

Monday May 06, 2019 (19:00 hrs. – 07:00 hrs.)			Tuesday May 07, 2019 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coast	 Rainfall between: 10.0 mm to 30.0 mm.	Coastal locations may observe cloudy skies with light to moderate showers and frequent rain. All other areas may observe overcast skies with showers of varying intensities, continuous rain and thundershowers. <u>Winds:</u> Varying directions between 3 m/s and 8 m/s, becoming gusty at times.	Coast	 Rainfall between: 5.0 mm and 20.0 mm	Cloudy to overcast skies are expected throughout Guyana. Frequent to continuous rain and light to moderate showers may accompany these conditions. Regions 7 to 10 may also observe thundershowers. <u>Winds:</u> Varying directions between 4 m/s and 10 m/s, becoming gusty at times.
Southern region 6 and region 9	 Between 80 mm and 120 mm	<u>Minimum temperatures:</u> Coast: 22 °C – 26 °C Hinterland: 18 °C – 23 °C	All other areas	 Rainfall between: 20.0 mm and 45.0 mm	<u>Maximum temperatures:</u> Coast: 27 °C – 29 °C Hinterland: 25 °C – 29 °C
All other areas.	 Rainfall between: 30.0 mm to 60.0 mm				

The long-term daily average rainfall for Georgetown, for the next 10 days, May 06, 2019 to May 15, 2019 is 8.9mm per day.

Severe Weather Warnings: FORECAST CONDITIONS ARE FAVOURABLE FOR WIDESPREAD FLOODING AND LANDSLIDES OVER REGIONS 7 TO 10 AND SOUTHERN REGION 6.



Infra-red Satellite and radar images valid 19:15 UTC (15:15hrs) Monday May 06, 2019.

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(May 06, 2019)	Tomorrow Morning(May 07, 2019)		Tomorrow Afternoon(May 07, 2019)
Low Tide 23:16hrs Height 0.69m	High Tide 05:08hrs Height 2.99m ABOVE NORMAL Low Tide 11:39hrs Height 0.56m		High Tide 18:15hrs Height 2.78m ABOVE NORMAL
<i>Sunrise</i>	05:36hrs	<i>Sunset</i>	18:00hrs

HIGH TIDE ADVISORY: Citizens are advised that above normal high tide advisory is in effect.

Sea conditions: MODERATE SEAS WITH WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS

Extended Forecast

Wednesday and Thursday: Partly cloudy to cloudy skies are expected along the coast during this period. Light to moderate showers and frequent rain are also likely. Between **15 mm and 25 mm** rainfall is expected during a twenty-four-hour period. All other locations may observe cloudy to overcast skies with predominantly moderate showers and isolated thundershowers. Between **20 mm and 50 mm** rainfall is likely to accumulate per day.

Friday: Overcast skies are likely throughout the forecast area. Showers of varying intensities and frequent to continuous rain may accompany these conditions. Thundershowers are also likely over southern regions 1 to 6 and regions 7 to 10. Rainfall is likely to range between **35 mm and 70 mm** over areas with thundershowers and between **35 mm and 65 mm** elsewhere.

Saturday and Sunday: Partly cloudy skies becoming occasionally cloudy with light showers are expected along the coast. Between **5 mm and 15 mm** rainfall is likely. All other areas can expect Mostly cloudy skies with light to moderate showers and possible thundershowers during the afternoon and evening hours. Between **25 mm and 50 mm** rainfall is likely over areas with thundershowers and between **15 mm and 35 mm** elsewhere.

For the Regional climate forecast please see the Guyana’s Seasonal Climate Outlook February to April 2019 produced by the Climatological section of the Hydrometeorological Service and available on the website: <http://hydromet.gov.gy/wp-content/uploads/2019/03/April-May-June2019.pdf>

Update in the bulletin is provided daily by the Hydromet Service: www.hydromet.gov.gy

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