

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





**WEATHER BRIEF for Tuesday November 15, 2022 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday November 15, 2022 were available for most of the stations.

**Fort Island in Region 3 recorded the highest rainfall of 60.0 mm.**

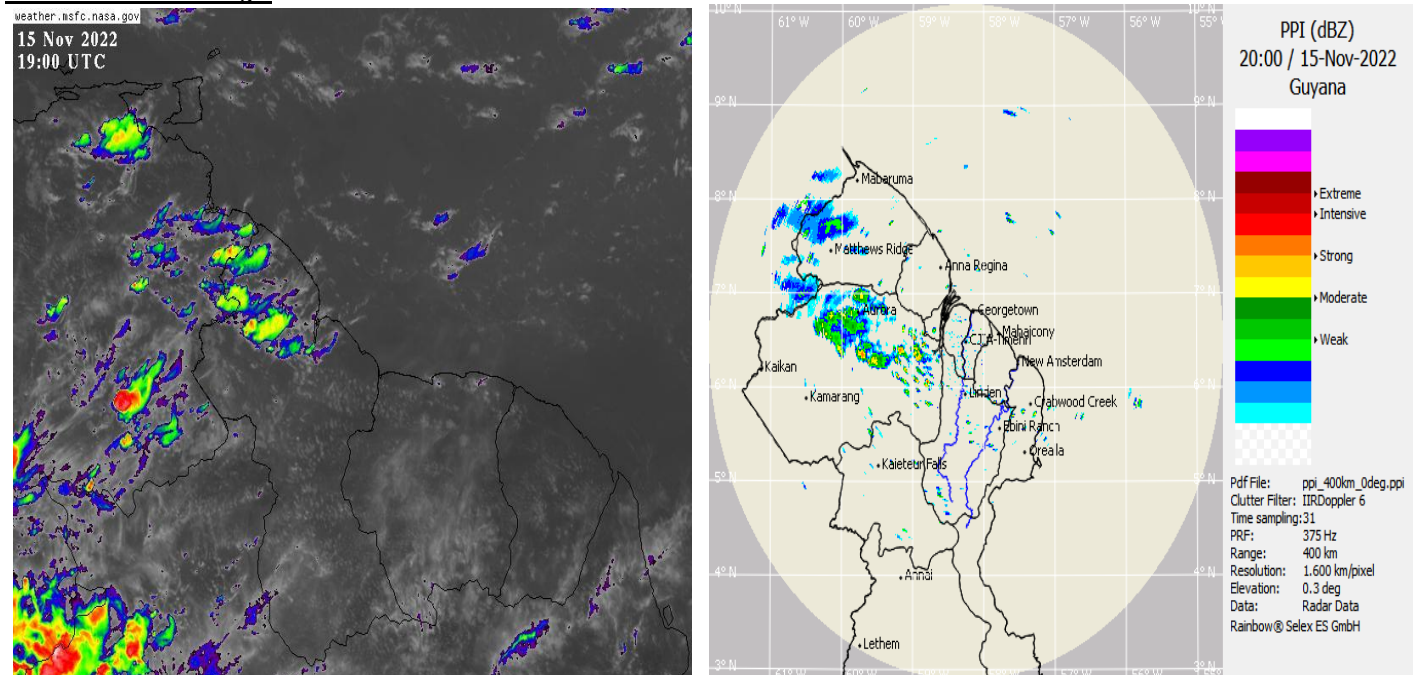
**Synopsis:** Patches of instabilities were observed over parts of Northern Guyana throughout the day. Low level troughs coupled with moisture convergence also seen at the lower levels were mostly responsible for these conditions. However, convection was not significant as vertical shear from the mid to upper levels was prevalent. Conditions are likely to continue for the next 12 to 48 hours after which stable atmospheric conditions are likely to be experienced over Northern Guyana as dry conditions are expected from the low to upper levels. Southern Guyana will continue to observe stable conditions as strong vertical shear coupled with mid to upper-level subsidence will persist as the week progresses.

**Today's weather review:** Cloudy skies with few scattered showers were observed over part of Northern Guyana. Southern Guyana observed partly cloudy to fair skies with isolated showers during the afternoon hours.

Tuesday November 15, 2022 (19:00 hrs. – 07:00 hrs.)			Wednesday November 16, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal and Southern Guyana	 <b>Rainfall between: 0.0 mm to 10.0 mm</b>	Partly cloudy to fair skies can be expected over regions 3 to 6 and Southern Guyana with conditions expected to slightly deteriorate from the early hours over Coastal Regions 3 to 6 as brief periods of cloudiness with isolated showers can be expected. Regions 1 to 2 and all remaining areas can expect cloudy spells with brief scattered showers during the evening hours with improvements expected during the morning hours over these locations.	Coastal Guyana	 <b>Rainfall between: 0.0 mm and 15.0 mm.</b>	Cloudy spells with brief showers during the morning hours can be expected over Coastal Guyana with conditions improving after as partly cloudy to sunny skies can be expected. Inland areas will likely experience cloudy spells with scattered showers during the afternoon hours. Southern Guyana will continue to experience partly cloudy to sunny skies with no significant rainfall expected.
All other areas.	 <b>Rainfall between: 5.0 mm to 15.0 mm.</b>	<b>Winds:</b> Breezy conditions with Easterly to South-Easterly at between 3 to 4 m/s. <b>Minimum temperatures:</b> Coast: 21 °C – 23°C Hinterland: 20 °C – 22 °C	All other areas.	 <b>Rainfall between: 5.0 mm to 20.0 mm.</b>	<b>Winds:</b> Breezy conditions Easterly to South-Easterly at between 4 to 6 m/s over Coastal Guyana. <b>Maximum temperatures:</b> Coast: 29 °C – 31°C Hinterland: 30 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days November 15 to November 24, 2022 is 6.1 mm per day.

**Severe Weather Warnings: None at this time**



Infrared Satellite and Radar images valid 19:00 UTC (15:00 hrs) Tuesday November 15, 2022.

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

Tonight (November 15, 2022)	Tomorrow Morning (November 16, 2022)	Tomorrow Afternoon (November 16, 2022)
High Tide 20:18 hrs Tide Height 2.37 m	Low Tide 03:18 hrs Tide Height 1.33 m  High Tide 10:47 hrs Tide Height 2.16 m	Low Tide 16:01 hrs Tide Height 1.45 m
Sunrise:	05:42 hrs	Sunset: 17:30 hrs

***HIGH TIDE ADVISORY: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS NOT IN EFFECT.***

***Sea conditions: MODERATE SEAS WITH NORTH-EASTERLY WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 S AND 10 S. WINDS ARE EXPECTED TO BE EASTERLY BETWEEN 5 M/S TO 7 M/S.***

***Extended Forecast***

***Thursday and Friday:* Cloudy skies with scattered showers of varying intensities are likely to be experience over regions 1 to 7 and 10 during the morning hours with conditions expected to improve from the afternoon hours. Isolated thundershowers are also likely to be experience over regions 1 and 2. **Rainfall is expected between 5.0 mm to 25.0 mm within a 24 hours period.** All other areas can expect brief cloudy spells with scattered showers from the afternoon hours. **Rainfall is expected between 0.0 mm to 15.0 mm within a 24 hours period.****

***Saturday thru Monday:* Brief cloudy spells with isolated showers during the morning hours can be expected over Coastal Guyana with conditions expected to improve from the mid-morning to afternoon hours as partly cloudy to sunny skies will likely persist. Inland areas can expect cloudy skies with scattered showers from the afternoon hours and continuing into the evening hours. Southern Guyana will likely experience partly cloudy to fair skies with afternoon showers. **Rainfall is expected between 0.0 mm to 15.0 mm over Coastal and Southern Guyana and between 10.0 mm to 25.0 mm elsewhere within a 24 hours' period.****

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>

Update in the bulletin is provided daily by the Hydromet Service

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