





HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Tuesday January 10, 2023 from the Hydrometeorological Service, Guyana
Rainfall records for the past 24 hours, measured at 08:00hrs Tuesday January 10, 2023 were available for most of the stations. **Fort Island in Region 3 recorded the highest rainfall of 44.4mm.**

Synopsis: *Confluent flow at the lower levels coupled with surface trough produced some instability over the forecast area. With the intrusion of some dry air along some coastal areas and the upper levels vertical shear, widespread deep convection is not possible.*

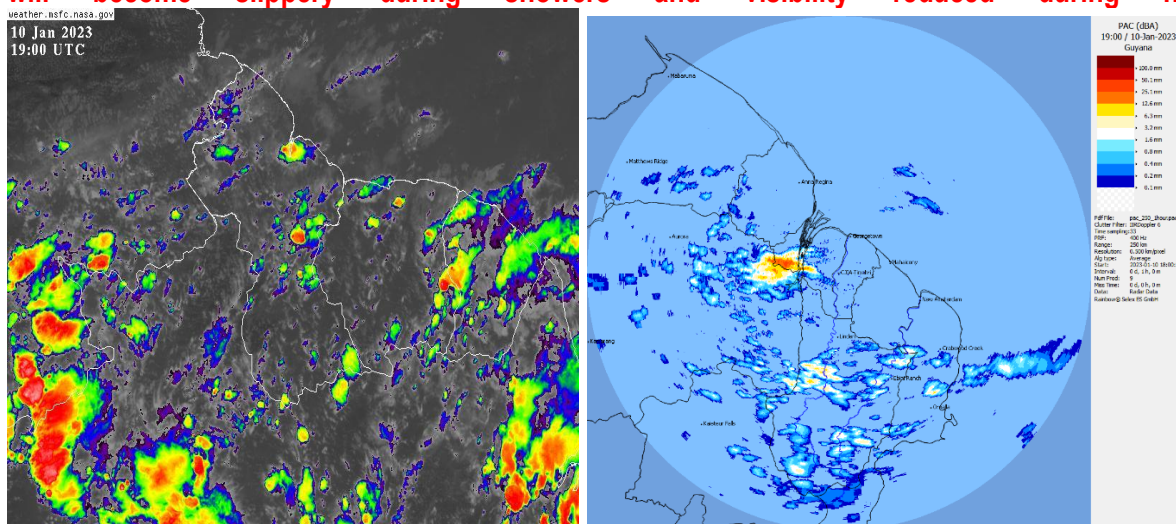
Today's weather review: Partly cloudy to cloudy skies with occasional light to moderate showers over region 10 and inland areas of regions 2 to 5.

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

Tuesday January 10, 2023 (19:00 hrs. – 07:00 hrs.)			Wednesday January 11, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal areas of regions 2 to 5.	 Rainfall between: 15.0 mm and 30.0 mm.	Tonight: Partly cloudy to cloudy skies, with occasional light to moderate showers, over regions 2 to 5 and coastal areas of region 1, other areas, no significant rainfall. Winds: North-easterly to easterly between 2 and 4 m/s, becoming gusty in areas with downpours. Minimum temperatures:	Regions 8 and 10.	 Rainfall between: 30 mm and 60 mm	Cloudy to overcast with frequent showers and rain over inland regions, thundershowers are likely over regions 8 and 10, other regions, occasional showers Winds: North-easterly easterly between 4 and 8 m/s, gusting to in excess of 15 m/s before and during downpours. Maximum temperatures:
All other areas	 Rainfall between: 00 and 15 mm.	Coast: 22 °C – 25°C Hinterland: 18 °C – 22 °C	Other regions	 Rainfall between: 15 mm and 30 mm.	Coast: 29 °C – 32°C Hinterland: 28 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days January 10 to January 19, 2023 is 6.8mm per day.

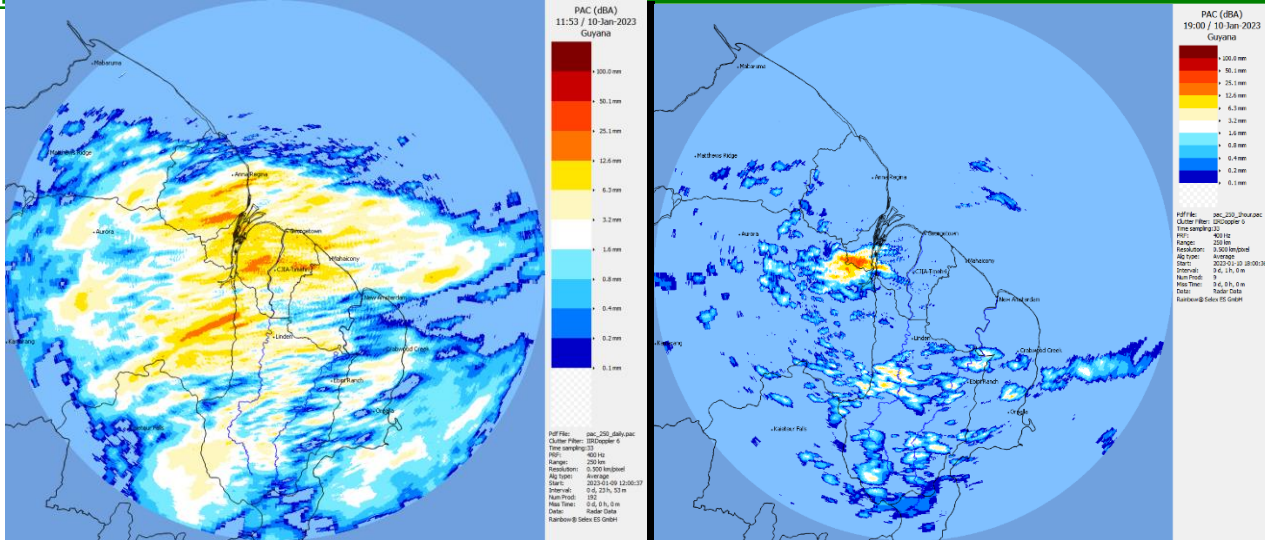
Severe Weather Warnings: Soils may already be saturated and additional rainfall is highly likely to **result in or exacerbate** flooding in flood prone areas and landslides over hilly areas. Residents are asked to take necessary precautions to safeguard life and property. Drivers and other road users are asked to exercise caution as roads will become slippery during showers and visibility reduced during heavy downpours



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Tuesday 10, 2023.

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Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 8 hrs and 16 hrs, Tuesday January 10 2023.

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

Tonight (January 10, 2023)	Tomorrow Morning (January 11, 2023)	Tomorrow Afternoon (January 11, 2023)
<p align="center">Low tide 00:26hrs Tide Height 0.86 of a metre</p>	<p align="center">High Tide 06:53hrs Tide Height 2.56 metres (Below normal)</p> <p align="center">Low Tide 12:46hrs Tide Height 0.97 of a metre</p>	<p align="center">High Tide 18:36hrs Tide Height 2.79 metres</p> <p align="center">ABOVE NORMAL</p>
Sunrise:	06:05hrs	Sunset: 17:53hrs

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is in effect. Above normal high tides coupled with high surface winds, may result in overtopping of the river and sea defence systems. Citizens are asked to take necessary precautions to safeguard life and property.

Sea conditions: MODERATE SEAS WITH NORTHEASTERLY 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 10 s.
- Winds are expected to be easterly between 5 m/s and 8 m/s.

Extended Forecast

Tonight: Partly cloudy to cloudy skies, with occasional light to moderate showers, over regions 2 to 5 and coastal areas of region 1, other areas, no significant rainfall. **Rainfall is expected between 15 mm and 30 mm, over coastal areas of regions 2 to 5 other areas 00 and 15 mm.**

Wednesday: Cloudy to overcast with frequent showers and rain over inland regions, thundershowers are likely over regions 8 and 10, other regions, occasional showers and possible intermittent rain. **Rainfall is expected between 30 mm and 60 mm, over regions 8 and 10 other regions 15 mm and 30 mm.**

Thursday: Cloudy to overcast skies with moderate to heavy showers, continuous rain and thundershowers over regions 8 and 10, in the early morning. The remainder of the day, regions 1 to 5 can expect mostly cloudy skies with occasional to frequent showers and intermittent rain, other regions brief passing showers. **Rainfall is expected between 40 mm and 80 mm, over regions 8 and 10 other regions 15 mm and 40 mm.**

Friday: Mostly cloudy with frequent light to moderate showers an intermittent rain, over regions 1 to 5, 7, 10 and coastal areas of region 6, other areas, partly cloudy to cloudy, with occasional showers. **Rainfall is expected between 15 mm and 30 mm, over regions 1 to 5 and 10 other regions 00 and 15 mm.**

Saturday: Early morning showers over coastal areas, the remainder of the day, inland regions, Central and South region 6, can expect frequent light to moderate showers and intermittent rain, other areas, occasional showers. **Rainfall is expected between 30 mm and 40 mm, over regions 8 to 10 other regions 15 mm and 20 mm.**

Sunday and Monday: Cloudy to overcast with moderate to heavy showers and thundershowers over region 9 and South region 6, other areas, partly cloudy to cloudy, with occasional light to moderate showers. **Rainfall is expected between 40 mm and 80 mm, over region 9 and South region 6 other areas 20 mm and 30 mm.**

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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

Meteorological officer: Julian Francois