





HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Sunday January 22, 2023 from the Hydrometeorological Service, Guyana
Rainfall records for the past 24 hours, measured at 08:00hrs Sunday January 22, 2023 were available for most of the stations. **Mabaruma in Region 1 recorded the highest rainfall of 106.9mm.**

Synopsis: Lifting motion was restricted by the dominance of sinking motion, which impeded the growth of convective clouds over Guyana. The ITCZ remains semi stationary to South of the forecast area, because of the dominance of the high-pressure ridge to the North of Guyana, the current feature will continue for the remainder of the Week, hence, rainfall activity will be restricted.

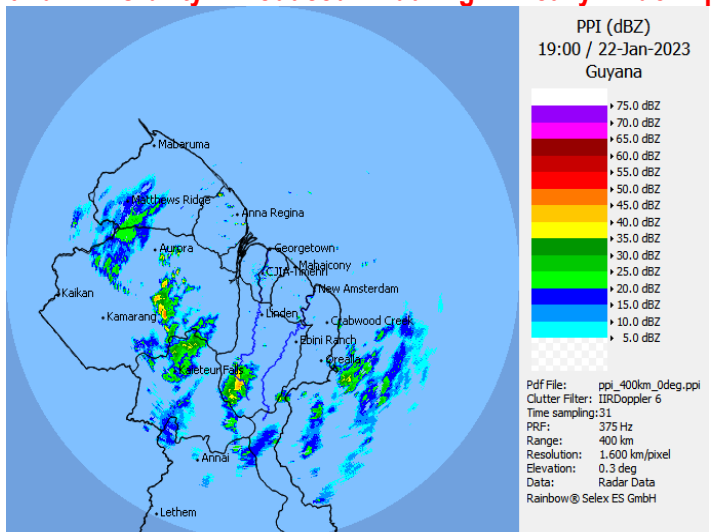
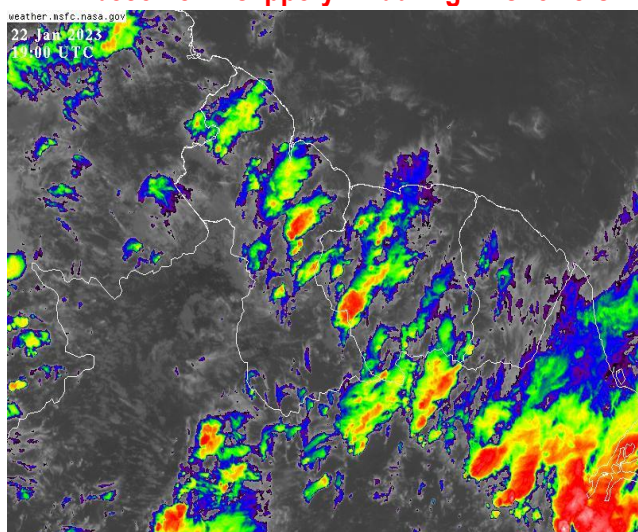
Today's weather review: Partly cloudy to cloudy with occasional light to moderate showers over regions 8, 10 and inland areas of regions 3 to 5, other areas mostly sunny skies.

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

Sunday January 22, 2023 (19:00 hrs. – 07:00 hrs.)			Monday January 23, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal areas.	 Rainfall between: 5.0 mm and 15.0 mm.	Partly cloudy to cloudy skies, with occasional brief showers over inland regions tonight and coastal areas in the early morning. <u>Winds:</u> North-easterly to easterly between 2 and 4 m/s, becoming light and variable over inland areas in the early morning. <u>Minimum temperatures:</u>	Regions 7 and 10	 Rainfall between: 0.0 and 10.0 mm	Mostly fair and sunny skies are expected to be interrupted by occasional brief passing showers, over coastal areas in the morning and other areas in the afternoon. <u>Winds:</u> North-easterly easterly between 4 and 8 m/s. <u>Maximum temperatures:</u> Coast: 30°C – 32°C Hinterland: 29 °C – 34 °C
All other areas	 Rainfall Not significant	Coast: 22 °C – 25°C Hinterland: 18 °C – 23 °C	Other areas.	 Rainfall not significant	

The long-term daily average rainfall for Georgetown, for the next 10 days January 22 to January 31, 2023 is 6.4mm per day.

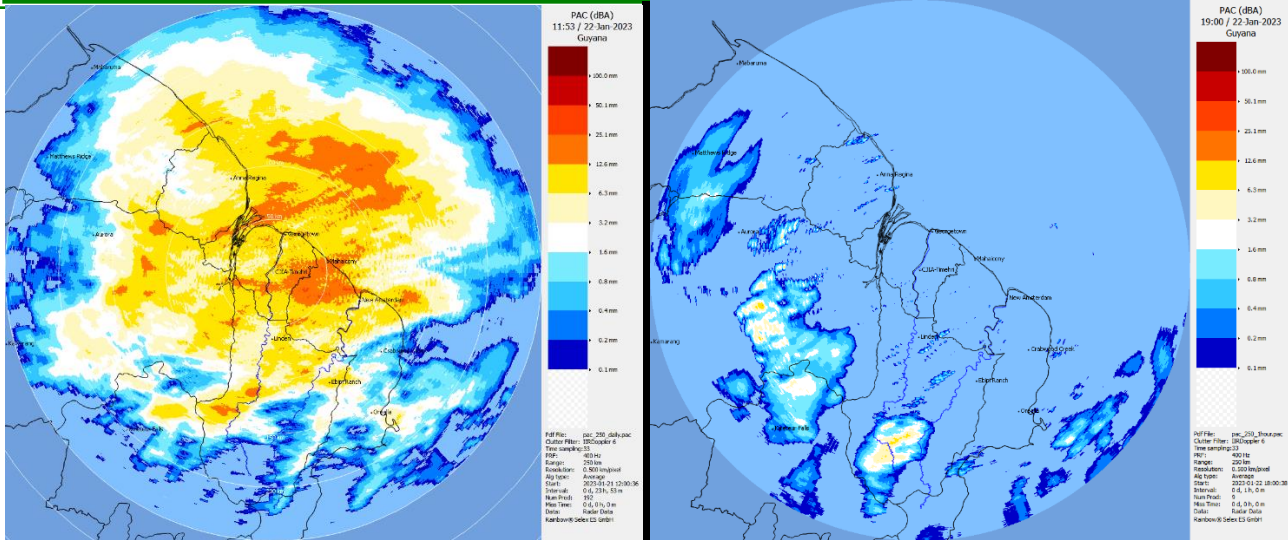
Severe Weather Warnings: Soils may already be saturated and additional rainfall is highly likely to **result in or exacerbate** flooding in flood prone areas and landslides over hilly areas. Residents are asked to take necessary precautions to safeguard life and property. Drivers and other road users 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) Sunday 22, 2023.

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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Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 8 hrs and 16 hrs, Sunday January 22 2023.

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

Tonight (January 22, 2023)	Tomorrow Morning (January 23, 2023)	Tomorrow Afternoon (January 23, 2023)
<p align="center">Low Tide 22:54hrs Tide Height 0.17 of a metre</p>	<p align="center">High Tide 05:12hrs Tide Height 3.04 metres (Above normal) Low Tide 11:08hrs Tide Height 0.56 of a metre</p>	<p align="center">High Tide 17:26hrs Tide Height 3.27 metres (Above normal)</p>
Sunrise G/Town)	06:08hrs	Sunset G/Town)
		17:58hrs

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is in effect until Friday January 27, 2023.

Sea conditions: MODERATE TO ROUGH SEAS, WITH NORTHEASTERLY SWELLS REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS.

- These waves are likely to have periods of between 8 s and 10 s.
- Winds are expected to be North-easterly between 5 m/s and 8 m/s.

Extended Forecast

Tonight: Partly cloudy to cloudy skies, with occasional brief showers over inland regions tonight and coastal areas in the early morning. Rainfall is expected between 0.0 and 15.0 mm, the maximum over coastal areas of regions 3 to 6 in the early morning.

Monday and Tuesday: Mostly fair and sunny skies are expected to be interrupted by occasional brief passing showers, over coastal areas in the morning and other areas in the afternoon. Rainfall is expected between 0.0 and 10.0 mm, the maximum over regions 7 and 10.

Wednesday thru' Saturday: Except for brief passing showers over coastal areas in the morning and other areas in the afternoon, mostly fair and sunny skies are expected to dominate. Rainfall is expected between 0.0 and 10.0 mm, the maximum over coastal areas of regions 3 to 6 in the morning.

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