



HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE





WEATHER BRIEF for Tuesday January 03, 2023 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday January 03, 2023 were available for most of the stations.

Good Success in Region 3 recorded the highest rainfall of 64.4 mm.

Synopsis: Atmospheric conditions over most of the forecast area continues to remain slight to moderately unstable. Moisture convergence at the 700 mb level is major feature of interest in creating these instabilities. Moderate shear from the mid to upper level continues to hinder the development of deep convective clouds. The atmosphere is expected to remain very moist from the low to upper levels as the week continues and scattered mild to moderate convection is expected over most of the forecast area. Meteorological Models are indicating that increase rainfall patterns are likely to occur as we head into the weekend. Further updates will be provided as the week progresses.

Today's weather review: Generally cloudy skies were observed throughout the entire forecast area. Northern Guyana observed scattered showers varying mostly from light to moderate while Southern parts of Guyana experienced mostly light isolated showers.

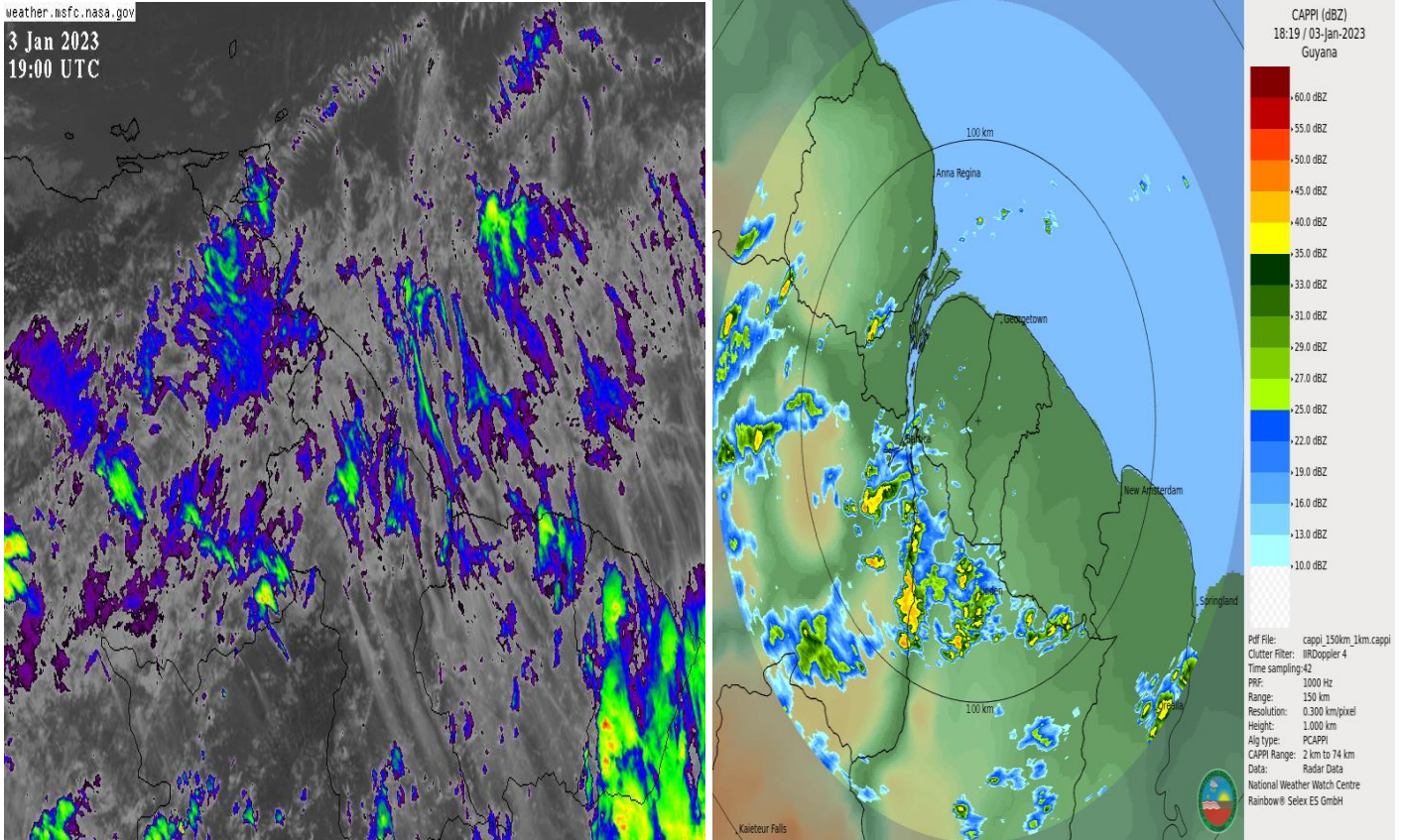
Tuesday January 03, 2023 (19:00 hrs. – 07:00 hrs.)			Wednesday January 04, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Northern Guyana	 Rainfall between: 10.0 mm to 25.0 mm with the highest expected over Regions 1 and 2.	Partly cloudy to cloudy skies are likely to be experience over regions 1 to 6 and 10 throughout the evening hours. Conditions are expected to deteriorate from the morning hours as cloudy to overcast skies with scattered showers of varying intensities and intermittent rain can be expected. Regions 7 and 8 and can expect cloudy skies with light to moderate showers throughout the evening hours. All remaining areas can expect partly cloudy to cloudy skies with light to moderate showers. <u>Winds:</u> Light to Breezy at between 4 to 6 m/s. <u>Minimum temperatures:</u> Coast: 21 °C – 23°C Hinterland: 20 °C – 22 °C	Coastal and Inland Guyana	 Rainfall between: 20.0 mm and 50.0 mm with the highest expected over Regions 1 to 4 and 7.	Cloudy skies with scattered showers and intermittent rain are likely to be experience over regions 1 to 6 during the morning hours with conditions expected to improve from the afternoon as partly cloudy to cloudy skies will likely persist. Inland areas along regions 7, 8 and 10 can expect generally cloudy skies with scattered showers and continuous rain from the early afternoon hours and continuing as the day progresses. Southern Guyana will also experience cloudy skies with light to moderate showers. <u>Winds:</u> Breezy at times at between 5 to 8 m/s. <u>Maximum temperatures:</u> Coast: 27 °C – 29 °C Hinterland: 29 °C – 31 °C
Southern Guyana	 Rainfall between: 5.0 mm and 20.0 mm.		Southern Guyana	 Rainfall between: 10.0 mm and 20.0 mm.	

The long-term daily average rainfall for Georgetown, for the next 10 days January 03 to January 12, 2023 is 9.2 mm per day.

Severe Weather Warnings: SOILS MAY ALREADY BE SATURATED FROM PREVIOUS RAINFALL AMOUNTS. ADDITIONAL RAINFALL OF ANY AMOUNT CAN LEAD TO OR EXACERBATE FLOODING OR LEAD TO MUDSLIDES. CITIZENS/RELEVANT AUTHORITY ARE ADVISED TO EXERCISE ALL PRECAUTIONARY MEASURES TO SAFEGUARD LIFE AND PROPERTY AGAINST FLOODING AND MUDSLIDES.

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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Infrared Satellite and Radar images valid 19:00 UTC (15:00 hrs) Tuesday January 11, 2023.

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

Tonight (January 03, 2023)	Tomorrow Morning (January 04, 2023)		Tomorrow Afternoon (January 04, 2023)
Low Tide 20:23 hrs Tide Height 0.83 m	High Tide 02:48 hrs Tide Height 2.54 m Low Tide 08:20 hrs Tide Height 1.00 m		High Tide 14:24 hrs Tide Height 2.68 m
Sunrise:	06:02 hrs	Sunset:	17:49 hrs

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

Sea conditions: MODERATE SEAS WITH NORTH-EASTERLY 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 NORTH-EASTERLY TO EASTERLY BETWEEN 5 M/S TO 7 M/S.

Extended Forecast

Thursday and Friday: Cloudy skies are likely to continue over most of the forecast area. Coastal Guyana will likely experience scattered showers varying mostly from light to moderate at times and intermittent rain during the morning hours while Inland and Hinterland areas will likely experience cloudy skies with scattered showers of varying intensities and intermittent rain from the afternoon hours. Rainfall is expected between 10.0 mm to 40.0 mm within a 24 hours period with the highest expected over Coastal Guyana.

Saturday thru Monday: Mostly cloudy to overcast skies with scattered to frequent showers and continuous rain can be expected over most of Northern Guyana. Conditions are likely to improve over Coastal Guyana during the morning hours and Inland areas during the late evening hours. Rainfall is expected between 20.0 mm to 60.0 mm within a 24 hours period. All other areas can expect cloudy spells with light to moderate showers. Rainfall is expected between 5.0 mm to 25.0 mm 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

Meteorologist: S. Nanlall

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