

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Saturday, March 11, 2023, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs on Saturday, March 11, 2023, were available for most of the stations.

Anna Regina in Region 2 recorded the highest rainfall of 8.0 mm.

Severe Weather Warnings: None at this time.




Marine Advisory: Waves with high periods (energy) coupled with above-normal high tides may lead to over-topping and/or damage to the river and sea defense in vulnerable areas. Persons are asked to take the necessary precautions to safeguard life and property.

High Tide Advisory: The above-normal high tide advisory is in effect.

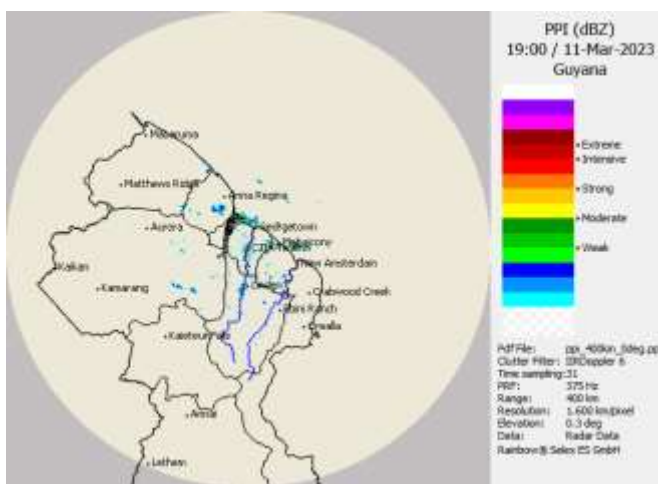
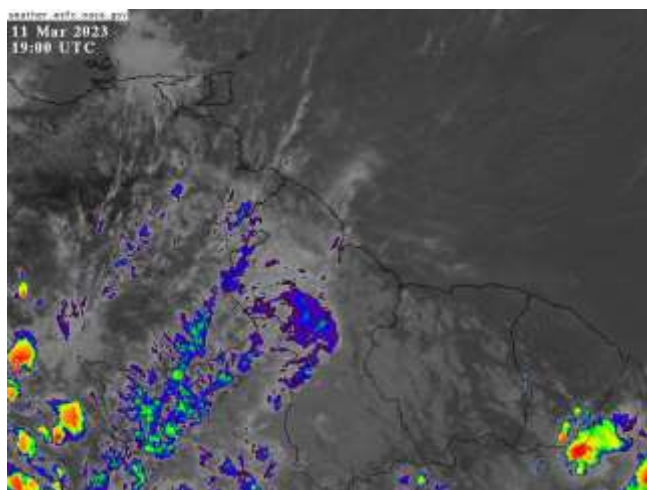
Synopsis: Ridging and inversion in the lower atmosphere with a dry vertical atmospheric profile, very high concentration of SAL, and strong upper-level vertical shear continue to dominate and produce stability across the forecast area. Numerical models are indicating similar atmospheric conditions to prevail throughout the upcoming week.

Today's weather review: Mainly fair and sunny skies were observed over coastal areas. Remaining inland regions observed partly cloudy and sunny skies becoming cloudy during the afternoon with brief showers.

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

Saturday, March 11, 2023 (19:00 hrs. – 07:00 hrs.)			Sunday, March 12, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
All regions.	 Rainfall is not expected to be significant.	Mainly fair skies are likely across Guyana. <u>Winds:</u> north-easterly to easterly between 2 m/s and 5 m/s, occasionally gusting. <u>Minimum temperatures:</u> Coast: 22 °C – 26°C Hinterland: 20 °C – 24 °C	Coastal areas.	 Rainfall is not expected to be significant.	Mainly fair and hazy skies with a few possible passing showers are likely over coastal areas. Remaining areas can expect partly cloudy and sunny skies with brief showers. <u>Winds:</u> north-easterly to easterly between 3 m/s and 6 m/s, occasionally gusting.
			All other areas.	 Rainfall between: 0.0 mm and 10.0 mm.	<u>Maximum temperatures:</u> Coast: 29 °C – 32°C Hinterland: 30 °C – 33 °C

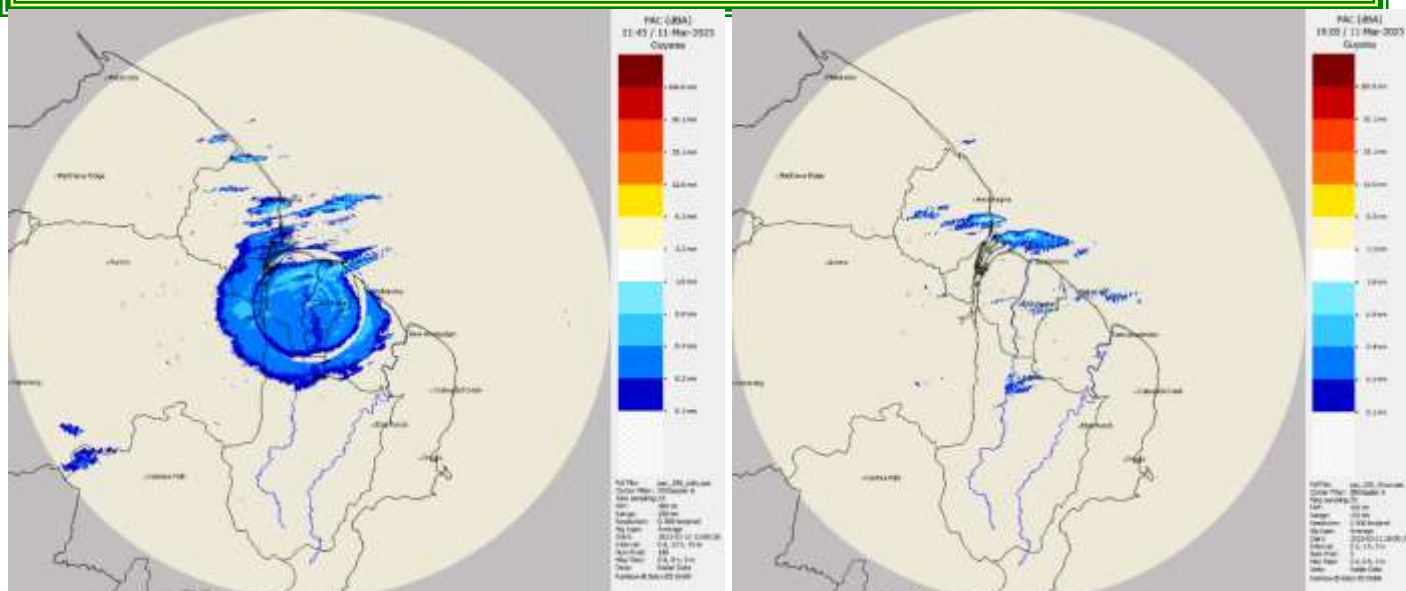
The long-term daily average rainfall for Georgetown, for the next 10 days March 11 to March 20, 2023, is 4.2mm per day.



Infrared Satellite and Radar images are valid at 19:00 UTC (15:00hrs) Saturday 11 March 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.

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE



Radar-generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 16 hrs, March 11 2023.

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

Tonight (March 11, 2023)	Tomorrow Morning (March 11, 2023)		Tomorrow Afternoon (March 11, 2023)
----	Low Tide 00:26hrs Tide Height 0.81m		Low Tide 13:12hrs Tide Height 0.68m
	High Tide 06:35hrs Tide Height 2.74m		
<i>Sunrise:</i>	<i>05:58hrs</i>	<i>Sunset:</i>	<i>18:04hrs</i>

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

-These waves are likely to have periods of between 14 seconds and 15 seconds.

-Winds are expected to be northeasterly to easterly between 5 m/s and 8 m/s.

Extended Forecast

Monday thru Friday: Mainly fair and hazy skies with a few possible passing showers are likely over coastal areas. Remaining areas can expect partly cloudy and sunny skies with brief showers. **Rainfall is not expected to be significant over coastal areas, with remaining areas between 0.0 mm and 10.0 mm within 24 hours.**

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>

An update in the bulletin is provided daily by the Hydromet Service.

Meteorologist: Doodnauth Ramlakhan

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.