

# *HYDROMETEOROLOGICAL SERVICE* *MINISTRY OF AGRICULTURE*




## WEATHER BRIEF for Saturday, January 01, 2022 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Saturday, January 01, 2022, were available for most of the stations. **The highest rainfall recorded was 11.5 mm at Coomaka in Region 10.**

**Synopsis:** In addition to the strong vertical shear that has been affecting the forecast area over the recent past, SAL below the 700 hPa level and subsidence at the upper atmosphere rendered the atmosphere very stable. However, high moisture content and a convergent flow at the 500 hPa level produced significant stratiformis clouds throughout the country.

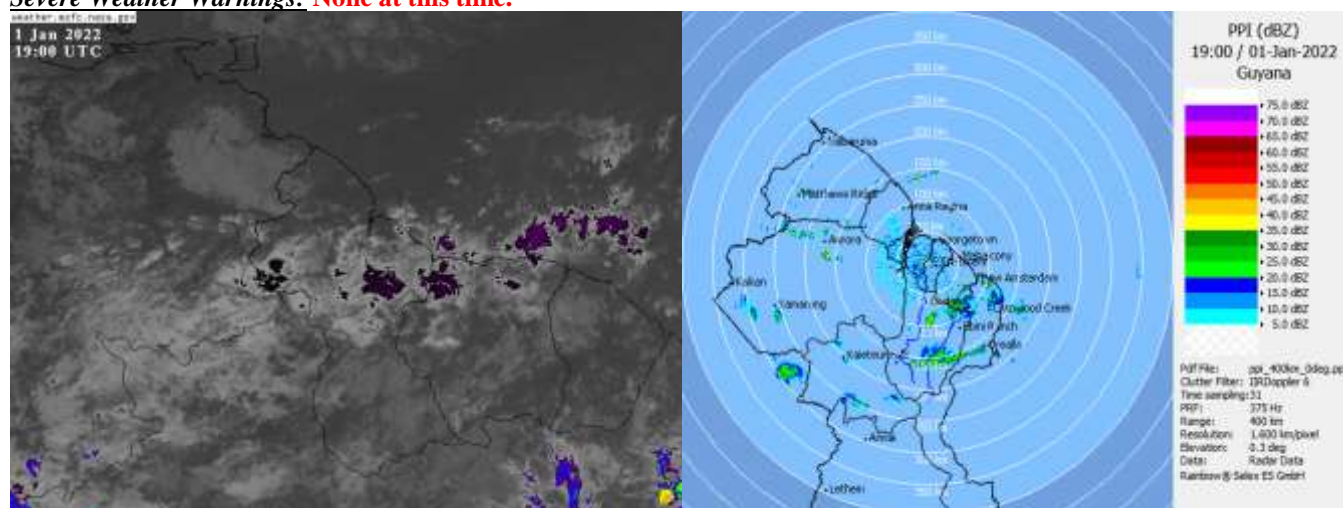
**Today's weather review:** Cloudy to overcast skies were seen throughout Guyana today. Notwithstanding the widespread cloudiness, only parts of regions 5 to 7 and 10 experienced a few showers.

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

Saturday January 01, 2022 (19:00 hrs. – 07:00 hrs.)			Sunday January 02, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <b>Rainfall between: 0 mm to 10 mm.</b>	Region 1 can expect partly cloudy and hazy skies. All other locations may observe partly cloudy to cloudy and hazy skies. A few light showers may also be observed over parts of regions 7, 8 and 10 during the evening hours and along coastal regions 2 to 6 during the early morning hours.	Coastal Regions	 <b>No significant rainfall.</b>	Partly cloudy and hazy skies are forecast for coastal Guyana. Brief light showers may be observed over some areas at the beginning of the forecast period. All other can expect partly cloudy to cloudy and hazy skies. Light showers are possible over parts of regions 7 and 10 during the afternoon.
		<b>Winds:</b> Northeasterly between 1 to 3 m/s, becoming calm at times.  <b>Minimum temperatures:</b> Coast: 22 °C – 26°C Hinterland: 19 °C – 23 °C	All other areas	 <b>Rainfall between: 0 to 10 mm</b>	<b>Winds:</b> Northeasterly between 6 to 10 m/s, becoming gusty at times.  <b>Maximum temperatures:</b> Coast: 30 °C – 32°C Hinterland: 30 °C – 33 °C.

The long-term daily average rainfall for Georgetown, for the next 10 days, January 01, 2022 to January 03, 2022 is 9.1 mm per day.

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



Infra-red Satellite and Radar images valid 19:00 UTC (15:00hrs) Saturday January 01 25, 2021.

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

Tonight (January 01, 2022)	Tomorrow Morning (January 02, 2022)	Tomorrow Afternoon (January 02, 2022)
Low Tide 21:15 hrs Tide Height 0.31 m	<b>High Tide 03:37 hrs</b> <b>Tide Height 2.82 m</b>  <b>ABOVE NORMAL</b>  Low Tide 09:28 hrs Tide Height 0.73 m	<b>High Tide 15:45 hrs</b> <b>Tide Height 3.16 m</b>  <b>ABOVE NORMAL</b>
<b>Sunrise:</b>	<b>06:03 hrs.</b>	<b>Sunset: 17:47 hrs.</b>

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**HIGH TIDE ADVISORY: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT.**

**Sea conditions: MODERATE SEAS WITH NORTHEASTERLY WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 12 AND 14 SECONDS. WINDS ARE EXPECTED TO BE NORTHEASTERLY TO EASTERLY BETWEEN 5 TO 8 M/S.**

**Extended Forecast**

***Monday thru' Friday: Current model data is indicating a significant drying out of the atmosphere during this period, product of upper atmospheric subsidence and SAL at the mid to lower atmosphere. These conditions may result in partly cloudy and hazy skies. Coastal areas may also experience brief cloudy spells and passing showers accumulating between 0 mm and 5 mm rainfall during the morning hours. Regions 7 and 10 may also experience a few cloudy spells and mostly light showers during the afternoon. Rainfall is forecast to range between 0 mm and 15 mm.***

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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