

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE





WEATHER BRIEF for Thursday January 19, 2023 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Thursday January 19, 2023 were available for most of the stations. **Letter Kenny in Region 6 recorded the highest rainfall of 25.7mm.**

Synopsis: The atmosphere above the 700 hPa level is very dry and strong vertical shear was analysed in the upper atmosphere. These features resulted in stable atmospheric conditions over the forecast area today. An increase in moisture is expected from tomorrow and will last throughout the week end. This is expected to marginally increase the instability over the area.

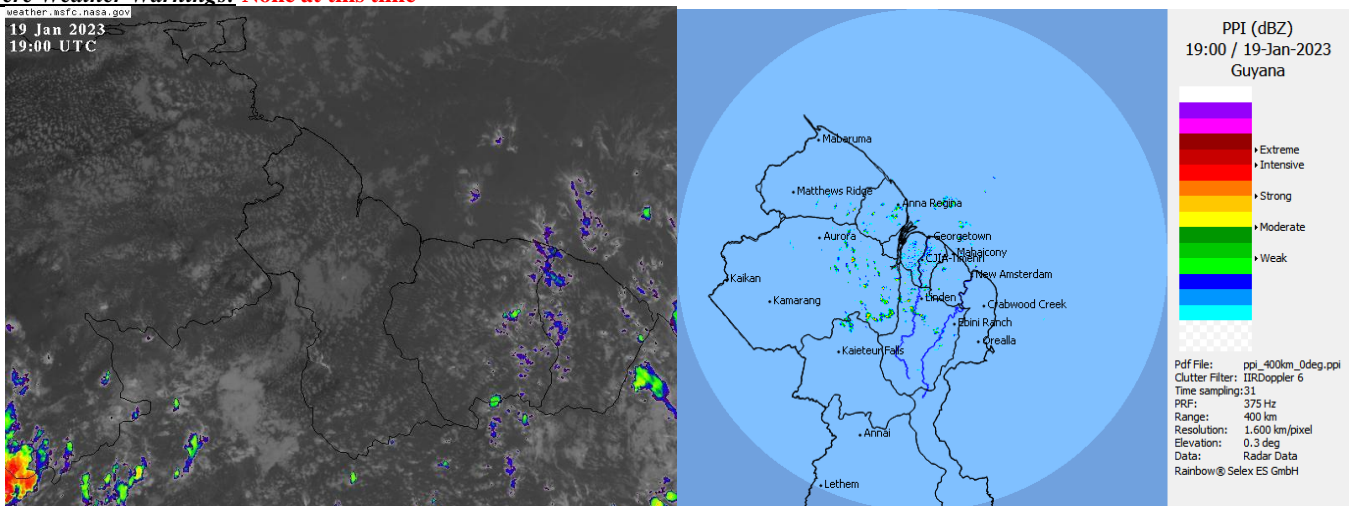
Today's weather review: Coastal areas saw generally fair weather with a few cloudy spells and light showers. All other areas saw partly cloudy to cloudy skies with afternoon showers.

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

Thursday January 19, 2023 (19:00 hrs. – 07:00 hrs.)			Friday January 20, 2023 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions	Coastal Guyana may experience partly cloudy skies at the beginning of the forecast period. Cloudy spells with a few light showers may be seen during the early morning hours. All other locations may see partly cloudy to cloudy skies with scattered light to isolated moderate showers. Rainfall is less likely as the night progresses.	Regions	Weather Conditions	Coastal Guyana can expect cloudy spells with scattered light showers during the morning hours. As the day progresses, generally fair weather is expected. Fair to partly cloudy conditions are likely over the rest of the country during the morning hours. These conditions may give way to occasionally cloudy skies accompanied by scattered light to moderate showers, beginning in the late morning hours.
Coastal Guyana	 Rainfall between: 0.0 mm to 10.0 mm.	<u>Winds:</u> North-easterly between 1 and 4 m/s over Coastal Guyana. Light and variable elsewhere. <u>Minimum temperatures:</u> Coast: 23 °C – 26°C Hinterland: 20 °C – 22 °C	Regions 1 to 5 and northern region 6	 Rainfall between: 0.0 mm and 10.0 mm	<u>Winds:</u> north-easterly between 4 and 8 m/s becoming gusty during the afternoon hours. <u>Maximum temperatures:</u> Coast: 30 °C – 33°C Hinterland: 30 °C – 34 °C
All other areas	 Rainfall between: 5.0 mm to 20.0 mm.		All other areas.	 Rainfall between: 10.0 mm to 25.0 mm.	

The long-term daily average rainfall for Georgetown, for the next 10 days January 20 to January 29, 2023 is 6.5mm per day.

Severe Weather Warnings: None at this time



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

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

Tonight (January 19, 2023)	Tomorrow Morning (January 20, 2023)	Tomorrow Afternoon (January, 2023)
Low Tide 20:25hrs Tide Height 0.49m	High Tide 02:51hrs Tide Height 2.66m Low Tide 08:42hrs Tide Height 0.88m	High Tide 14:57hrs Tide Height 3.04m ABOVE NORMAL
Sunrise:	06:08hrs	Sunset: 17:58hrs

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is in effect. Residents in low-lying, riverain and flood prone areas are advised to take the necessary to safeguard life and property against possible overtopping of the river and sea defence system.

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

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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- *THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 7 S AND 9 S.*
- *WINDS ARE EXPECTED TO BE TO NORTHEASTERLY BETWEEN 6 M/S TO 9 M/S*

Extended Forecast

Saturday and Sunday: *Mostly cloudy skies are expected throughout the country. Scattered light to moderate showers and intermittent rain may also be seen. Between **10 mm and 25 mm** rainfall is likely along the coast and between **15 mm and 40 mm** elsewhere.*

Monday thru' Wednesday: *Partly cloudy to cloudy skies are expected over regions 7, 8 and 10. Afternoon to early evening showers accumulating between **5 mm and 20 mm** rainfall may also be experienced over these areas. Fair to partly cloudy and sunny skies with possible passing showers are expected over the rest of the country during this period. **No significant rainfall is likely.***

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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