

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE





WEATHER BRIEF for Friday, March 17, 2023, from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Friday, March 17, 2023, were available for most of the stations.

Wismar in Region 10 recorded the highest rainfall of 4.5 mm.

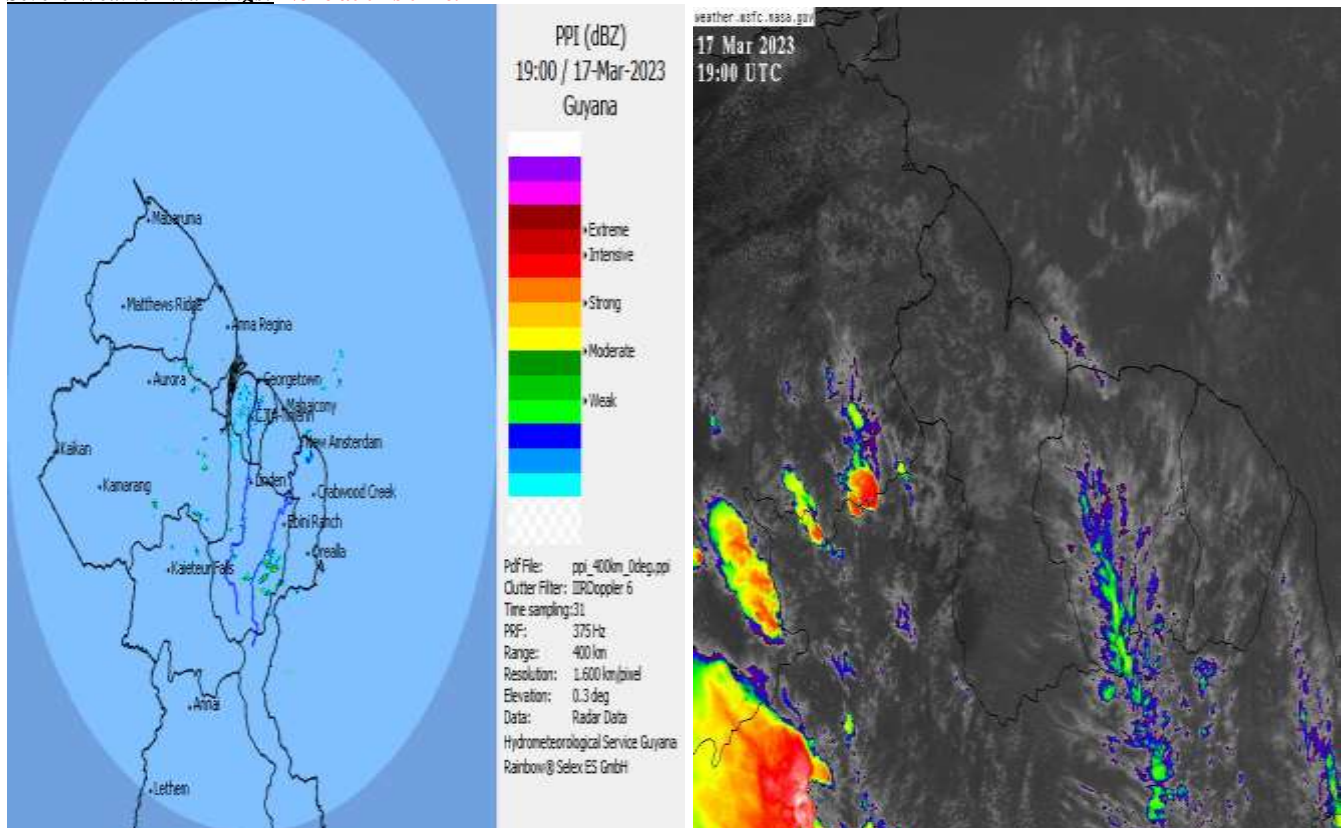
Synopsis: Atmospheric conditions continued to remain stable. The strength of the Saharan Dust increased as the day progressed and coupled with the ridging at the surface, shear and dry conditions at the 700 mb were all contributing factors to the stability of the atmosphere today. No change is expected for the next 12 hours and into the weekend.

Today's weather review: Mostly fair, hazy and sunny skies were observed over most of the forecast area. Few passing showers were observed over Inland areas.

| Friday, March 17, 2023 (19:00 hrs. – 07:00 hrs.) | | | Saturday, March 18, 2023 (07:00 hrs. – 19:00 hrs.) | | |
|--|--|---|--|---|--|
| Regions | Weather Conditions | | Regions | Weather Conditions | |
| Coastal Guyana |  No significant rainfall expected. | Mostly fair and hazy skies are likely to be experience over Coastal Guyana throughout the night. All other areas can expect partly cloudy skies with light showers during the early evening hours with fair skies persisting afterwards. <u>Winds:</u> Breezy over Coastal Guyana. Light and variable over Inland areas. | Coastal Guyana |  No significant rainfall expected. | Hazy and sunny skies are likely to be experience over Coastal Guyana throughout the day. All other areas can expect fair skies during the morning hours with partly cloudy skies during the afternoon hours with few passing showers. <u>Winds:</u> Breezy over Coastal Guyana. <u>Maximum temperatures:</u> |
| All other areas. |  Rainfall between: 0.0 mm and 5.0 mm. | <u>Minimum temperatures:</u> Coast: 23 °C – 25 °C Hinterland: 19 °C – 23 °C | All other areas. |  Rainfall between: 0.0 mm and 5.0 mm. | Coast: 29 °C – 32 °C Hinterland: 31 °C – 34 °C |

Georgetown's long-term daily average rainfall, for the next 10 days from March 17 to March 26, 2023, is 3.7 mm per day.

Severe Weather Warnings: None at this time.



Infrared Satellite and Radar images valid 19:00 UTC (15:00 hrs) Friday, March 17, 2023.

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

| Tonight (March 17, 2023) | Tomorrow Morning (March 18, 2023) | Tomorrow Afternoon (March 18, 2023) |
|--------------------------|---|--|
| _____ | High Tide 01:33 hrs Tide Height 2.57 m Low Tide 07:25 hrs Tide Height 1.01 m | High Tide 13:42 hrs Tide Height 2.86 m (above normal) |
| Sunrise: | 05:55 hrs | Sunset: |
| | | 18:03 hrs |

HIGH TIDE ADVISORY: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS NOT IN EFFECT. THE NEXT PERIOD OF ABOVE NORMAL HIGH TIDES WILL BEGIN FROM TOMORROW AFTERNOON SATURDAY MARCH 18, 2023 AND CONTINUE UNTIL SUNDAY MARCH 26, 2023.

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 12 S AND 14 S. WINDS ARE EXPECTED TO BE NORTH-EASTERLY TO EASTERLY BETWEEN 5 M/S TO 7 M/S.

Marine Warnings: WAVES WITH HIGH PERIODS (ENERGY) ARE EXPECTED TO AFFECT THE COASTAL AREAS. THE SEA DEFENCE IN VULNERABLE AREAS MAY BE DAMAGED DUE TO THIS INCREASE IN WAVE ENERGY. PRECAUTIONS SHOULD ALSO BE TAKEN TO SAFEGUARD PROPERTY AND OTHER RESOURCES IN VULNERABLE AREAS ALONG THE COAST.

Extended Forecast

Sunday thru Tuesday: Fair and sunny skies are likely to be experience over Coastal Guyana. *No significant rainfall is expected.* All other areas can fair skies during the morning hours with partly cloudy to cloudy skies with brief showers from the afternoon hours. *Rainfall is expected between 0.0 mm and 10.0 within 24 hours.*

Wednesday and Thursday: Cloudy skies with light to moderate showers can be expected along Coastal Guyana during the morning hours with partly cloudy skies prevailing afterwards. All other areas can expect cloudy to overcast skies with scattered showers and periods of intermittent rain as the day progresses. *Rainfall is expected between 5.0 mm and 20.0 over Coastal Guyana and between 15.0 mm and 35.0 mm elsewhere 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: S. Nanlall

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