

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Sunday September 18, 2022 from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00 hrs Sunday September 18, 2022 were available for most of the stations.

Moco Moco in Region 9 recorded the highest rainfall of 57.9 mm.

Synopsis: Mostly stable condition was observed throughout most of the forecast area with the exception of Region 1 which experienced mild instabilities as a result of low level troughing and moderate amounts of moisture below the 500 mb level. Stability over the rest of the forecast area was as a result of strong ridging and mid to upper-level subsidence. Stable conditions are expected to continue for the next 12 to 48 hours especially over Coastal and Southern Guyana, Localized day time heating will likely produce weak to moderate convection over Inland areas as the week progresses.

Today's weather review: Partly cloudy to cloudy skies was observed over region 1 with isolated showers. All other areas observed partly cloudy to fair skies.

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

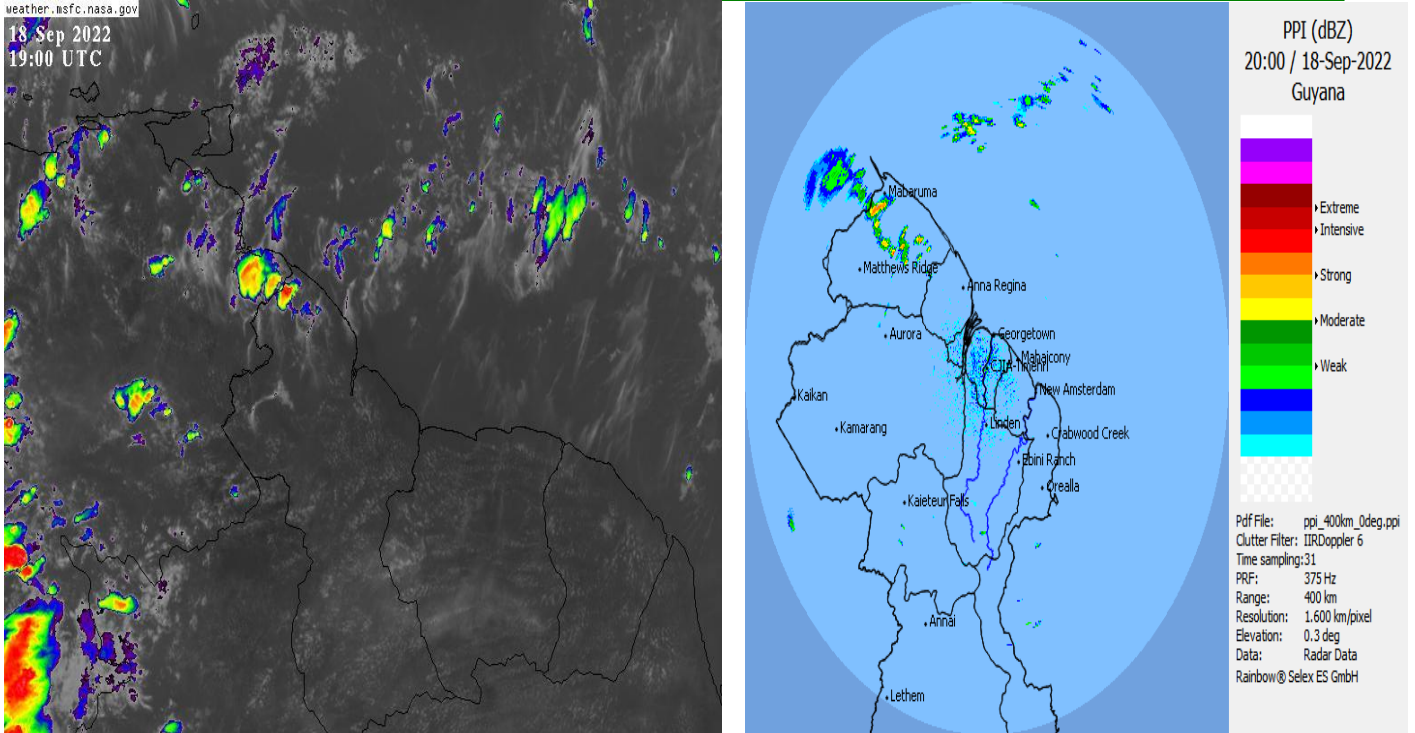
Sunday September 18, 2022 (19:00 hrs. – 07:00 hrs.)			Monday September 19, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal Regions 1 to 6	 Rainfall between: 0.0 mm to 10.0 mm.	Regions 1 to 10 will likely experience partly cloudy to fair skies during the evening hours with conditions expected to slightly deteriorate over Coastal Guyana during the early morning hours with cloudy spells and brief isolated showers varying from light to moderate at times. <u>Winds:</u> Breezy over Coastal Guyana. Light and variable over Inland areas.	Coastal Regions 2 to 5	 Rainfall between: 0.0 mm to 10.0 mm.	Partly cloudy skies are likely to be experienced over Coastal Regions 2 to 5 during the morning hours. These conditions are likely to be accompanied by isolated showers with fair and sunny skies expected from the mid-morning hours. Regions 1, Southern Region 6, Regions 7, 8 and 10 can expect mostly cloudy skies with scattered showers and isolated thundershowers mostly from the afternoon hours. All other areas can expect mostly fair-weather conditions.
All other areas	 Rainfall between: 0.0 mm to 5.0 mm.	<u>Minimum temperatures:</u> Coast: 22 °C – 24°C Hinterland: 19 °C – 23 °C	All other areas.	 Rainfall between: 10.0 mm and 25.0 mm	<u>Winds:</u> Breezy over Coastal Guyana. Light and variable over Inland areas. Gusty during thundershowers. <u>Maximum temperatures:</u> Coast: 29 °C – 31°C Hinterland: 30 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days September 18 to September 27, 2022 is 2.6 mm per day.

Severe Weather Warnings: None at this time.

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**



Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Sunday September 18, 2022.

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

Tonight (September 18, 2022)	Tomorrow Morning (September 19, 2022)		Tomorrow Afternoon (September 19, 2022)
High Tide 21:38 hrs Tide Height 2:27 m	Low Tide 05:36 hrs Tide Height 1.25 m		High Tide 12:09 hrs Tide Height 2.13 m
Sunrise:	05:41 hrs	Sunset:	17:49 hrs

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

Sea conditions: SLIGHT SEAS WITH EASTERLY WAVES REACHING HEIGHTS OF 1.0 TO 1.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS BETWEEN 5 AND 7 SECONDS. WINDS ARE EXPECTED TO BE EASTERLY TO SOUTH-EASTERLY BETWEEN 3 M/S TO 5 M/S.

Extended Forecast

Tuesday and Saturday, partly cloudy to fair skies can be expected over Coastal regions and Region 9. These conditions are likely to be accompanied by isolated showers during the morning hours over the Coast and afternoon hours over region 9. **Rainfall is expected between 0.0 mm to 10.0 mm within a 24 hours' period.**

Inland areas of regions 1 to 5, Southern Region 6, Regions 7, 8 and 10 expect cloudy spells during the morning hours with conditions deteriorating from the afternoon hours as cloudy to overcast skies with scattered showers varying mostly from light to moderate and isolated thundershowers can be expected. **Rainfall is anticipated between 5.0 mm to 35.0 mm within a 24 hours' period.**

Wednesday thru Friday: Cloudy skies becoming overcast at times with scattered showers of varying intensities are likely to be experience over Regions 1 to 8 and 10. Isolated thundershowers are also likely to be experience over Inland areas during the afternoon hours. **Rainfall is anticipated between 15.0 mm to 50.0 mm within a 24 hours' period.** Partly cloudy to fair skies can be expected over Region 9 with possible isolated showers during the afternoon hours. **Rainfall is expected between 0.0 mm to 10.0 mm within a 24 hours' period.**

For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook September to October 2022 produced by the Climatological section of the Hydrometeorological Service and available on the website: <http://hydromet.gov.gy/weather/seasonal-outlook/>

Update in the bulletin is provided daily by the Hydromet Service: www.hydromet.gov.gy
Meteorologist: Satesh Nanlall

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.