

HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE

WEATHER BRIEF for Tuesday September 06, 2022 from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday September 06, 2022 were available for most of the stations.

Kumaka in Region 1 recorded the highest rainfall of 81.2 mm.

Synopsis: The ITCZ was analysed to the east of Region 1 and was responsible for mild to moderate instabilities over those areas. Surface confluence and low-level troughs were also responsible for unstable conditions over region 6 and localized day time heating contributed towards mild instabilities over Inland areas. Coastal Regions 2 to 5 observed mostly stable conditions as a smooth south-easterly flow and diffluence pattern at the surface was analysed and mild to upper-level subsidence contributed towards stable conditions over Southern Guyana. For the next 12 to 48 hours, a steady increase in low level moisture is expected over most of the forecast area and upper-level dynamics are also indicating favourable conditions for the development of convection. Stable conditions are expected for the weekend.

Today's weather review: Partly cloudy to fair and sunny skies was observed over regions 2 to 5. All other areas observed partly cloudy to cloudy skies with scattered showers varying mostly from light to moderate. Isolated thundershowers were observed over regions 1, Inland areas of regions 4 to 6 and Regions 7.

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

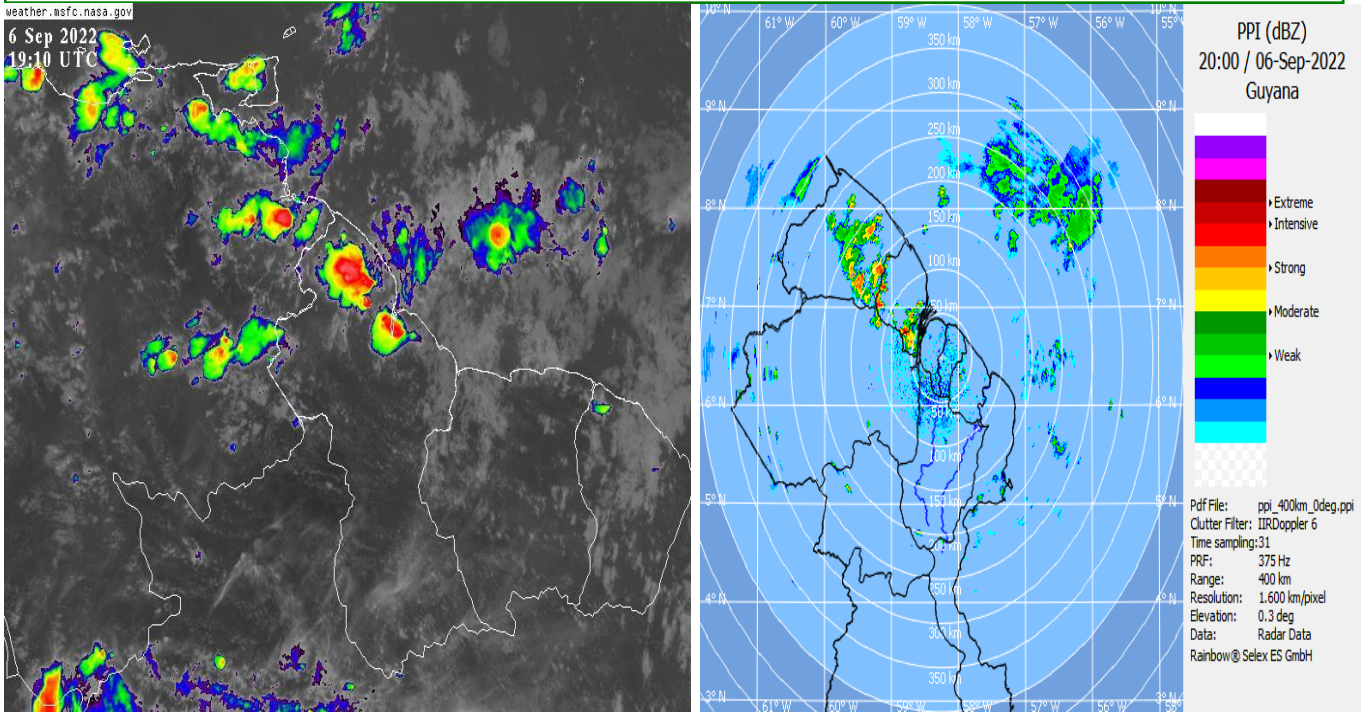
Tuesday September 06, 2022 (19:00 hrs. – 07:00 hrs.)			Wednesday September 07, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Region 1, Southern Region 6 and Regions 7 and 8	 Rainfall between: 10.0 mm to 35.0 mm.	Region 1, Southern Region 6 and Regions 7 and 8 can expect cloudy skies with scattered showers of varying intensities and isolated thundershowers. Conditions are expected to improve from the morning hours. Coastal Regions 2 to 5 can expect partly cloudy to fair skies during the evening hours with conditions expected to deteriorate from the early morning hours with cloudy skies with isolated showers and possible thundershowers. Southern Guyana can expect partly cloudy to fair skies with no significant rainfall expected.	Coastal Regions 2 to 5	 Rainfall between: 0.0 mm to 15.0 mm.	Partly cloudy to cloudy skies are likely to persist over Coastal Regions 2 to 5 during the morning hours. These conditions are likely to be accompanied by scattered showers varying mostly from light to moderate with fair and sunny skies expected from the afternoon hours. All other areas can expect mostly cloudy skies with scattered showers and isolated thundershowers mostly from the afternoon hours.
Coastal Regions 2 to 5.	 Rainfall between: 5.0 mm to 25.0 mm.	Winds: Breezy over Coastal Guyana. Light and variable over Inland areas. Gusty during thundershowers. Minimum temperatures: Coast: 22 °C – 25°C Hinterland: 19 °C – 22 °C	All other areas.	 Rainfall between: 10.0 mm and 30.0 mm	Winds: Breezy over Coastal Guyana. Light and variable over Inland areas. Gusty during thundershowers. Maximum temperatures: Coast: 29 °C – 31°C Hinterland: 30 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days September 06 to September 15, 2022 is 3.1 mm per day.

Severe Weather Warnings: AREAS WITH THUNDERSHOWERS MAY EXPERIENCE FLASH FLOODING, LIGHTNING STRIKES AND GUSTY WINDS. PERSONS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD LIFE AND PROTECT LIFE AND PROPERTY

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) Tuesday September 06, 2022.

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

Tonight (September 06, 2022)	Tomorrow Morning (September 07, 2022)	Tomorrow Afternoon (September 07, 2022)
	High Tide 01:11 hrs Tide Height 2.80 m (Above normal) Low Tide 07:27 hrs Tide Height 0.62 m	High Tide 14:03 hrs Tide Height 2:62 m
Sunrise:	05:43 hrs	Sunset:
		17:55 hrs

HIGH TIDE ADVISORY: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT AND WILL CONTINUE UNTIL THURSDAY SEPTEMBER 15, 2022. RESIDENTS OF LOW LYING, RIVERINE, AND FLOOD PRONE AREAS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS AGAINST FLOODING AS OVER-TOPPING IS LIKELY.

Sea conditions: SLIGHT SEAS WITH EASTERLY TO SOUTH-EASTERLY WAVES REACHING HEIGHTS OF 1.0 TO 1.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS BETWEEN 6 S AND 10 SECONDS. WINDS ARE EXPECTED TO BE EASTERLY TO SOUTH-EASTERLY BETWEEN 5 M/S TO 7 M/S.

Extended Forecast

Thursday and Friday: Cloudy skies with scattered showers and isolated thundershowers will likely be experience over Coastal Guyana during the early morning hours with conditions improving from the afternoon hours as partly cloudy to fair skies can be expected. Rainfall is expected 5.0 mm to 30.0 mm within a 24 hours' period. Inland and Southern Guyana can expect cloudy to overcast skies with occasional showers and isolated thundershowers during the afternoon hours. Rainfall is expected 10.0 mm to 40.0 mm within a 24 hours' period.

Saturday thru Monday, partly cloudy to fair skies can be expected over Coastal and Southern Guyana with light isolated showers during the morning hours. All other areas can expect cloudy spells with scattered showers varying mostly from light to moderate and isolated thundershowers from the afternoon hours. Rainfall is anticipated between 0.0 mm to 30.0 mm within a 24 hours' period with the highest expected in areas of thundershowers.

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.