

***HYDROMETEOROLOGICAL SERVICE***  
***MINISTRY OF AGRICULTURE***

**WEATHER BRIEF for Wednesday September 14, 2022 from the Hydrometeorological Service, Guyana**





Rainfall records for the past 24 hours, measured at 08:00 hrs Wednesday September 14, 2022 were available for most of the stations.

**Mahdia in Region 8 recorded the highest rainfall of 74.8 mm.**

**Synopsis:** No significant change in atmospheric dynamics was observed within the last 12 hours. Weak low level troughing coupled with day time heating contributed to mild instabilities over Inland areas throughout the day. Atmospheric moisture from the 850 and upwards continues to experience a decrease and this is expected to continue as the week progresses. Southern Guyana is expected to experience more stable conditions when compared to Coastal and Inland Guyana as strong mid to upper-level subsidence is expected over those areas within the next 12 hours and continuing into the weekend. An increase in low level moisture is expected during the weekend over Northern Guyana.

**Today's weather review:** Partly cloudy to cloudy skies was observed over Inland areas and Southern Region 6 with isolated showers. All other areas observed partly cloudy to fair skies.

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

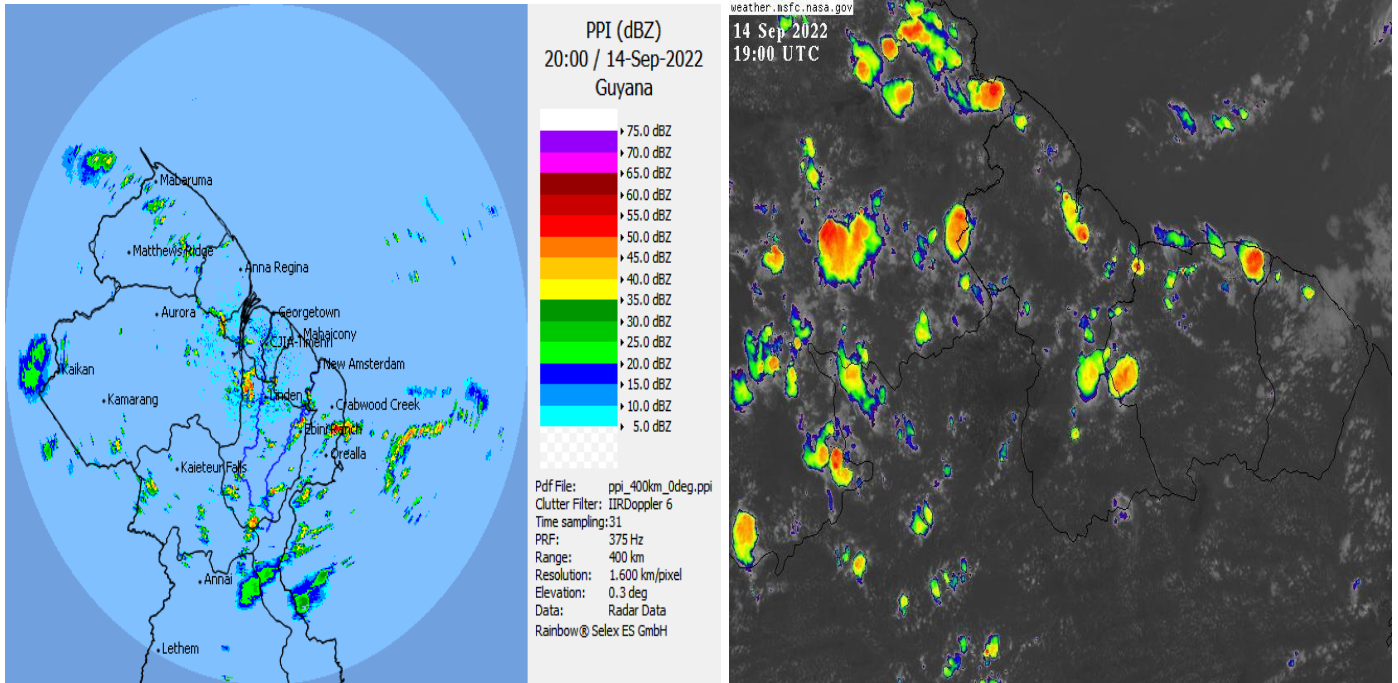
Wednesday September 14, 2022 (19:00 hrs. – 07:00 hrs.)			Thursday September 15, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Coastal Regions 1 to 6 and Region 10.	 <b>Rainfall between: 0.0 mm to 10.0 mm.</b>	Coastal Regions 1 to 6 will likely experience partly cloudy to fair skies during the evening hours with conditions expected to deteriorate from the morning hours with cloudy skies with isolated showers varying from light to moderate at times. Southern Region 6, Regions 7, 8 and 9 will likely experience partly cloudy to cloudy skies with scattered showers. All other areas can expect mostly fair-weather conditions.	Coastal Regions 2 to 5	 <b>Rainfall between: 0.0 mm to 10.0 mm.</b>	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 scattered showers varying mostly from light to moderate with fair and sunny skies expected from the afternoon 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	 <b>Rainfall between: 5.0 mm to 25.0 mm.</b>	<b>Winds:</b> Breezy over Coastal Guyana. Light and variable over Inland areas. Gusty during thundershowers.  <b>Minimum temperatures:</b> Coast: 22 °C – 24°C Hinterland: 19 °C – 23 °C	All other areas.	 <b>Rainfall between: 10.0 mm and 25.0 mm</b>	<b>Winds:</b> Breezy over Coastal Guyana. Light and variable over Inland areas. Gusty during thundershowers.  <b>Maximum temperatures:</b> Coast: 29 °C – 31°C Hinterland: 30 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days September 14 to September 23, 2022 is 2.4 mm per day.

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

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**Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Wednesday September 14, 2022.**

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

Tonight (September 14, 2022)	Tomorrow Morning (September 15, 2022)	Tomorrow Afternoon (September 15, 2022)
_____	<b>Low Tide 00:55 hrs</b> <b>Tide Height 0.78 m</b>  <b>High Tide 07:11 hrs</b> <b>Tide Height 2.66 m</b>	<b>Low Tide 12:56 hrs</b> <b>Tide Height 0.85 m</b>  <b>High Tide 18:47 hrs</b> <b>Tide Height 2:75 m (Above normal)</b>
<b>Sunrise:</b>	<b>05:42 hrs</b>	<b>Sunset:</b>
		<b>17:51 hrs</b>

**HIGH TIDE ADVISORY: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT AND WILL CONTINUE UNTIL TOMORROW 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 13 AND 16 SECONDS. WINDS ARE EXPECTED TO BE EASTERLY TO SOUTH-EASTERLY BETWEEN 3 M/S TO 5 M/S.**

**Extended Forecast**

**Thursday thru Monday, 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 anticipated 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.**

**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](http://www.hydromet.gov.gy)  
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