

# *HYDROMETEOROLOGICAL SERVICE*

## *MINISTRY OF AGRICULTURE*

### **WEATHER BRIEF for Thursday September 15, 2022 from the Hydrometeorological Service, Guyana**





Rainfall records for the past 24 hours, measured at 08:00hr Thursday September 15, 2022 were available for most of the stations.

**New Amsterdam in Region 6 recorded the highest rainfall of 39.2mm.**

**Synopsis:** Ridging and a dry atmosphere were seen throughout Guyana today. However, diurnal heating was able to produce some instability during the afternoon hours.

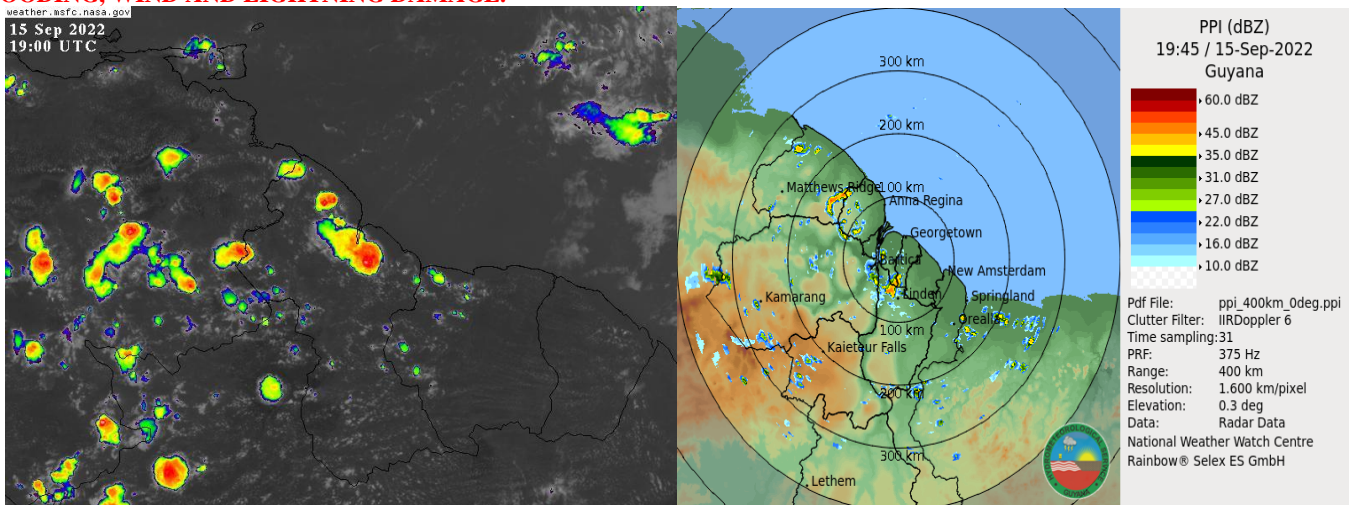
**Today's weather review:** Cloudy spells with showers and isolated thundershowers were seen over southern regions 1 to 5 and parts of regions 7 and 10 during the afternoon hours. Fair to partly cloudy skies were otherwise seen.

**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	
Regions 7, 8 and 10	 <b>Rainfall between: 15.0 mm to 35.0 mm.</b>	Regions 7, 8 and 10 may experience cloudy spells with showers and isolated thundershowers at the beginning of the forecast period. Conditions are forecast to improve at the evening progresses. Fair to partly cloudy skies are likely over the rest of the country. Brief passing showers are expected along the coast during the early morning hours.	Southern regions 1 to 5 and regions 7 and 10	 <b>Rainfall between: 15.0 mm and 40.0 mm</b>	Southern regions 1 to 5 and parts of regions 7 and 10 can expect occasionally cloudy skies with showers and isolated thundershowers beginning during the late morning hours. These areas may experience partly cloudy to cloudy skies for the rest of the day. Fair to partly cloudy skies with brief localized showers are likely over the rest of the country.
All other areas	 <b>Rainfall between: 0.0 mm to 15.0 mm.</b>	<u>Winds:</u> Northeasterly between 1 and 3 m/s, becoming southeasterly towards the end of the forecast period. Gusty winds may be experienced over areas with thundershowers.  <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 20 °C – 23 °C	All other areas.	 <b>Rainfall between: 0.0 mm to 10.0 mm.</b>	<u>Winds:</u> Southeasterly between 3 and 7 m/s during the morning, becoming northeasterly and gusty during the afternoon.  <u>Maximum temperatures:</u> Coast: 30 °C – 33°C Hinterland: 31 °C – 34 °C

**The long-term daily average rainfall for Georgetown, for the next 10 days September 15 to September 24 2022 is 2.4 mm per day.**

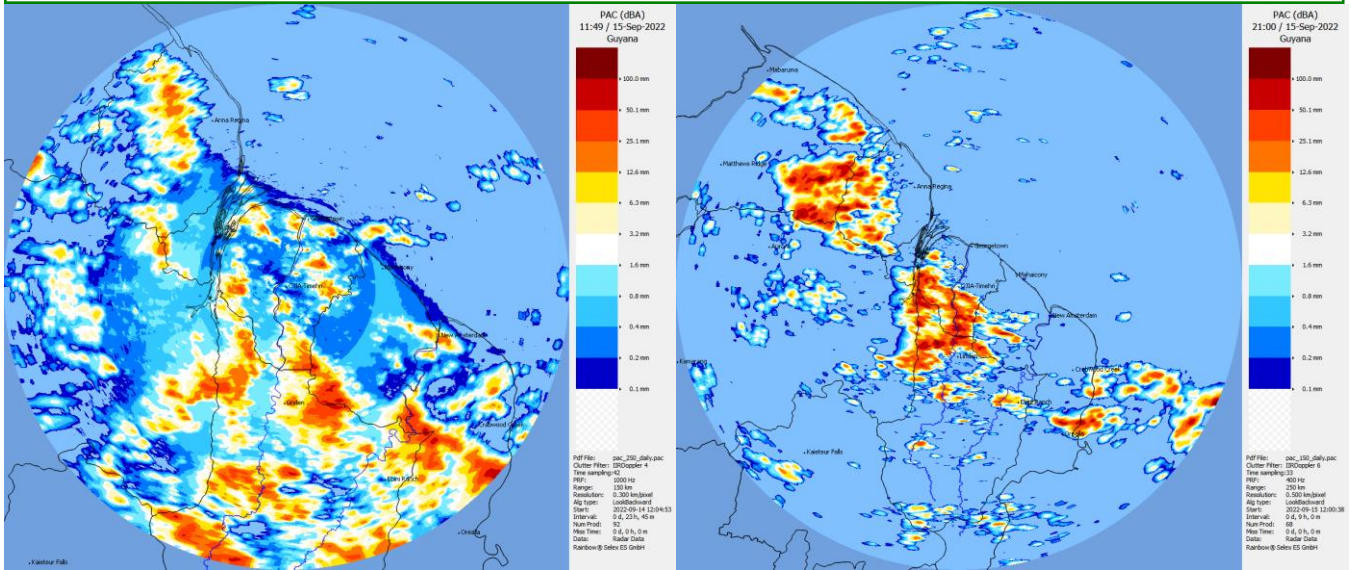
**Severe Weather Warnings:** AREA WITH THUNDERSHOWERS MY EXPERIENCE FLOODING, LIGHTNING STRIKES AND INTENSE WINDS. RESIDENTS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD AGAINST POSSIBLE FLOODING, WIND AND LIGHTNING DAMAGE.



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

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**Radar generated precipitation estimates. Twenty-four and nine hours rainfall valid 7 hrs and 16 hrs, 14 September 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 01:39hrs</b> <b>Tide Height 0.96m</b>  <b>High Tide 07:57hrs</b> <b>Tide Height 2.42m</b>	<b>Low Tide 13:36hrs</b> <b>Tide Height 1.07m</b>
<b>Sunrise:</b>	<b>05:43hrs</b>	<b>Sunset:</b>
		<b>17:52hrs</b>

**HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is not in effect. Long period high energy waves are expected along the coast. Precautions should be taken against damage to the sea defence system.**

**Sea conditions: MODERATE SWELLS WITH NORTHERLY WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS.**

- **THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 11 S AND 13 S.**
- **WINDS ARE EXPECTED TO BE SOUTHEASTERLY TO EASTERLY BETWEEN 5 M/S TO 8 M/S**

### Extended Forecast

**Saturday and Sunday:** Coastal regions 1 to 6 may see cloudy spells with accompanying showers during the morning hours. Partly cloudy skies may be seen for the rest of the day. Between **5 mm and 20 mm** rainfall is likely. Region 9 and southern region 6 may see fair to partly cloudy skies with possible light showers. **No significant rainfall is likely.** All others areas may see mostly cloudy skies with scattered showers and intermittent rain. Thundershowers are also forecast for afternoon and evening hours. Between **20 mm and 80 mm** rainfall is expected.

**Monday thru' Wednesday:** Occasionally cloudy skies with showers and isolated thundershowers are forecast for southern regions 1 to 5 and regions 7, 8 and 10 during the afternoon hours and early evening hours. Fair to partly cloudy skies with possible brief showers are otherwise likely over the forecast area. Between **20 mm and 50 mm** rainfall is likely over areas with thundershowers and between **0 mm and 10 mm** elsewhere.

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

Specialist Meteorologist: L. Alves

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