

# *HYDROMETEOROLOGICAL SERVICE*

## *MINISTRY OF AGRICULTURE*

### **WEATHER BRIEF for Friday September 16, 2022 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00hrs Friday September 16, 2022 were available for most of the stations.

**Orealla in Region 6 recorded the highest rainfall of 16.9 mm.**

**High Tide Advisory: Citizens are advised that the above normal high tide advisory is not in effect.**






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

**Marine Advisory: None at this time.**

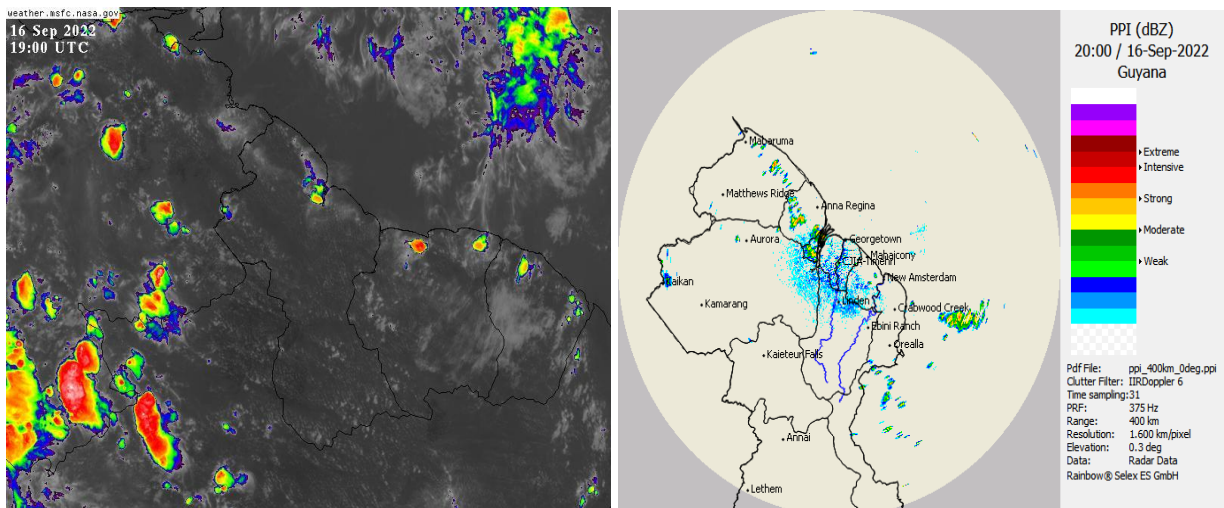
**Synopsis:** Subsidence and ridging dominated at various levels of the atmosphere across the forecast area generating mainly stable conditions, however day time heating produced some weak to moderate instabilities over inland areas. Increase in moisture with lower atmospheric troughs is expected to produce instabilities over most of northern Guyana over the weekend.

**Today's weather review:** Region 7 and southern regions 2 to 4 observed mainly fair skies, interrupted by afternoon cloudy spells with scattered light to moderate showers and isolated thundershowers. All other areas observed partly cloudy and sunny skies.

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

Friday September 16, 2022 (19:00 hrs. – 07:00 hrs.)			Saturday September 17, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to northern 6, 7 & 10.	 <b>Rainfall between: 10 to 25 mm.</b>	Mainly fair skies becoming cloudy in the morning hours with frequent showers are likely over regions 1 to northern 6, 7 and 10. All other areas can expect fair to partly cloudy skies.	Southern region 6 & 9.	 <b>Rainfall between: 0 to 5 mm</b>	Southern regions 6 and 9 can expect mostly fair skies with a few passing showers. Coastal areas can expect cloudy skies with occasional showers during the morning hours, conditions likely to improve afterwards. All other areas can expect cloudy skies with frequent showers and scattered thundershowers.
All other areas	 <b>Rainfall not significant.</b>	<u>Winds:</u> Easterly between 2 to 5 m/s, varying at times.  <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 18 °C – 22 °C	Coastal areas.	 <b>Rainfall between: 10 to 20 mm.</b>	
			All other areas.	 <b>Rainfall between: 20 to 40 mm.</b>	

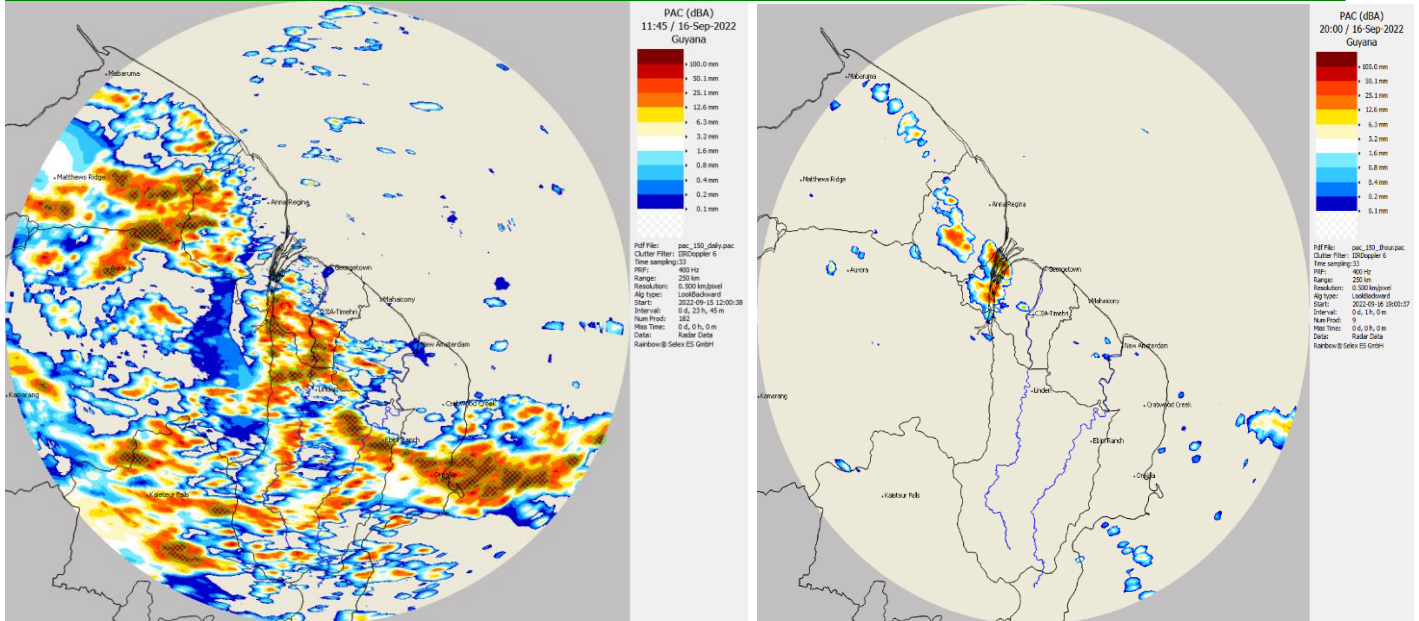
**The long-term daily average rainfall for Georgetown, for the next 10 days September 16 to September 26 2022 is 2.4 mm per day.**



**Infrared Satellite and Radar images valid 19:00 UTC (15:00hrs) Friday September 16, 2022.**

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Radar generated precipitation estimates. Twenty-four- and nine-hours rainfall valid 7 hrs and 16 hrs, 16 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 16, 2022)	Tomorrow Morning (September 17, 2022)		Tomorrow Afternoon (September 17, 2022)
<b>High Tide 19:23</b> <b>Tide Height 2.56</b>	<b>Low Tide 02:34hrs</b> <b>Tide Height 1.12m</b>  <b>High Tide 08:57hrs</b> <b>Tide Height 2.21m</b>		<b>Low Tide 14:27hrs</b> <b>Tide Height 1.29m</b>
<b>Sunrise:</b>	<b>05:42hrs</b>	<b>Sunset:</b>	<b>17:51hrs</b>

**Sea conditions:** Slight to moderate seas with easterly waves reaching heights of 1.5 to 2.0 meters in open waters. These waves are likely to have periods between 6 and 7 seconds. Winds are expected to be easterly between 8 to 10 m/s.

### Extended Forecast

**Sunday, Wednesday and Thursday:** Southern regions 6 and 9 can expect mostly fair skies with a few passing showers. Coastal areas can expect cloudy skies with occasional showers during the morning hours, conditions likely to improve afterwards. All other areas can expect cloudy skies with frequent showers and scattered thundershowers. **Rainfall is anticipated between 0 to 5 mm over southern region 6 and 9, Coastal areas between 10 to 25 mm, All other areas between 20 to 40 mm within a 24 hours' period.**

**Monday thru' Tuesday:** Regions 7, 8, 10 and southern regions 1 to 5 can expect cloudy skies with scattered showers and thundershowers during the afternoon period. All other areas can expect mainly fair and sunny skies. **Rainfall is anticipated between 10 to 20 mm over regions 7, 8, 10 and southern regions 1 to 5, all other areas rainfall not expected to be significant within a 24 hours' period.**

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

**Meteorologist: Doodnauth Ramlakhan**

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