

***HYDROMETEOROLOGICAL SERVICE
MINISTRY OF AGRICULTURE***

WEATHER BRIEF for Wednesday September 16, 2020 from the Hydrometeorological Service, Guyana





Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday September 16, 2020, were available for most of the stations.

The highest rainfall of 28.2 mm was recorded at Maduni in Region 2.

Synopsis: Low level confluenting and Troughing coupled with a moist atmosphere, diffluenting at 700 mb, speed divergence at 250 mb and day time heating were responsible for unstable conditions over inland regions. However, subsidence in the upper levels were responsible for stable conditions over coastal regions 1-4.

Today's weather review: Partly cloudy skies were observed throughout Guyana during the morning hours. As the day progressed, skies became mostly cloudy with showers of varying intensities and isolated thundershowers over parts of regions 1-8 & 10.

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

Wednesday September 16, 2020 (19:00 hrs. – 07:00 hrs.)			Thursday September 17, 2020 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1-6	 <p>Rainfall expected between 10.0 mm to 20.0 mm</p>	<p>Partly cloudy to cloudy skies may be observed over parts of regions 1-6. These conditions may be accompanied by light to moderate showers during the early evening hours. All other regions can expect mostly cloudy skies with showers of varying intensities and thundershowers.</p> <p><u>Winds:</u> Easterly between 2 m/s to 4 m/s becoming gusty before and during downpours.</p> <p><u>Minimum temperatures:</u></p>	Regions 6N,7,8 & 10	 <p>Rainfall expected between 15.0 mm to 30.0 mm</p>	<p>Partly cloudy to occasionally cloudy skies can be expected throughout Guyana. Light to moderate showers may be observed over regions 6N, regions 7, 8 & 10 during the mid-morning hours to afternoon period. All other regions can expect brief passing showers during the morning hours.</p> <p><u>Winds:</u> North-Easterly to South-Easterly between 4 m/s and 8 m/s.</p> <p><u>Maximum temperatures:</u></p>
All other areas	 <p>Rainfall expected between 25.0 mm to 50.0 mm</p>	<p>Coast: 18 °C – 23°C</p> <p>Hinterland: 18 °C – 21 °C</p>	All other regions	 <p>Rainfall expected between 10.0 mm to 20.0 mm</p>	<p>Hinterland: 30 °C – 33 °C</p>

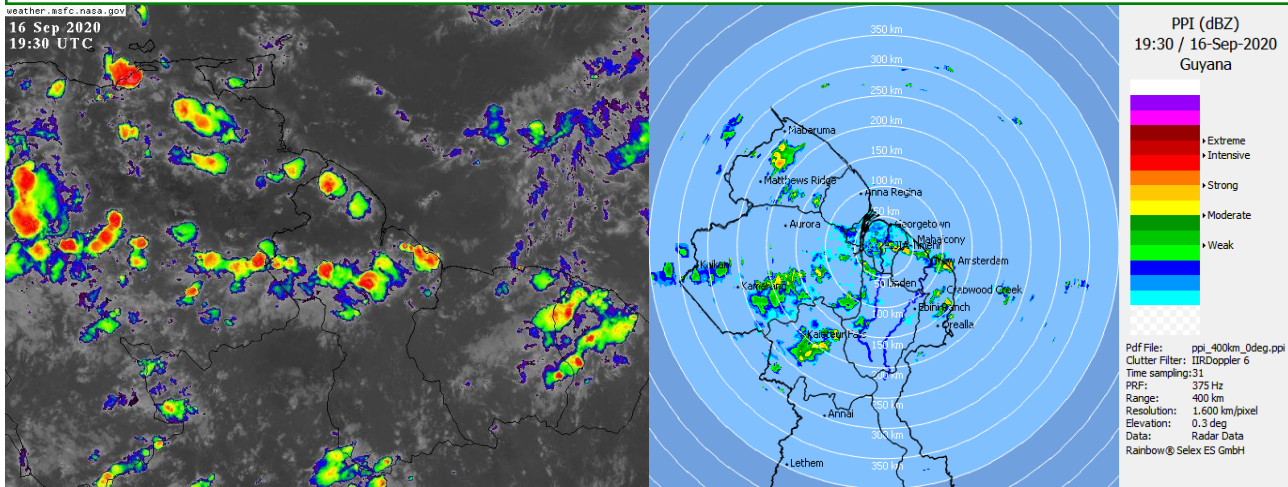
The long-term daily average rainfall for Georgetown, for the next 10 days, September 16, 2020 to September 25, 2020 is 2.9 mm per day.

Severe Weather Warnings: NIL

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Infra-Red & radar images valid 19:30 UTC (15:30 hrs) Wednesday September 16, 2020

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

Tonight(September 16, 2020)	Tomorrow Morning(September 17, 2020)		Tomorrow Afternoon(September 17, 2020)
Low Tide 21:26 hrs Height 0.45 m	High Tide 03:28 hrs Height 3.25 m <i>(Above Normal)</i> Low Tide 09:50 hrs Height 0.33 m		High Tide 16:16 hrs Height 3.25 m <i>(Above Normal)</i>
Sunrise	05:41 hrs	Sunset	17:50 hrs

HIGH TIDE ADVISORY: Citizens are advised that the above normal high tide advisory is in effect and will continue until Tuesday 22nd September, 2020.

Sea conditions: MODERATE TO ROUGH SEAS WITH WAVES REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS

Extended Forecast

Friday thru' Tuesday: Generally fair to occasionally cloudy skies can be expected throughout Guyana. Isolated thundershowers may be observed over inland regions during the afternoon period. **Rainfall is expected between 16.0 mm to 20.0 mm within a 24 hours' period.**

For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook September to November 2020 produced by the Climatological section of the Hydrometeorological Service and available on the [website:](https://drive.google.com/file/d/1-iSmnLeog8HE0_jx4vXhdHTXmpdOGcTO/view)
https://drive.google.com/file/d/1-iSmnLeog8HE0_jx4vXhdHTXmpdOGcTO/view

Update in the bulletin is provided daily by the Hydromet Service: www.hydromet.gov.gy
 Forecaster: K. McPherson

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