

# *HYDROMETEOROLOGICAL SERVICE*

## *MINISTRY OF AGRICULTURE*

### **WEATHER BRIEF for Friday May 10, 2019 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00hrs Friday May 10, 2019, were available for some of the stations.

**The highest rainfall of 50.9mm was recorded at Wauna in Region 1.**

**Synopsis:** Localized conditions produces weak instability over coastal areas. Convergence in the lower, a trough in the mid-atmosphere and divergence in the upper-atmosphere produced moderate to strong instability over all other areas.

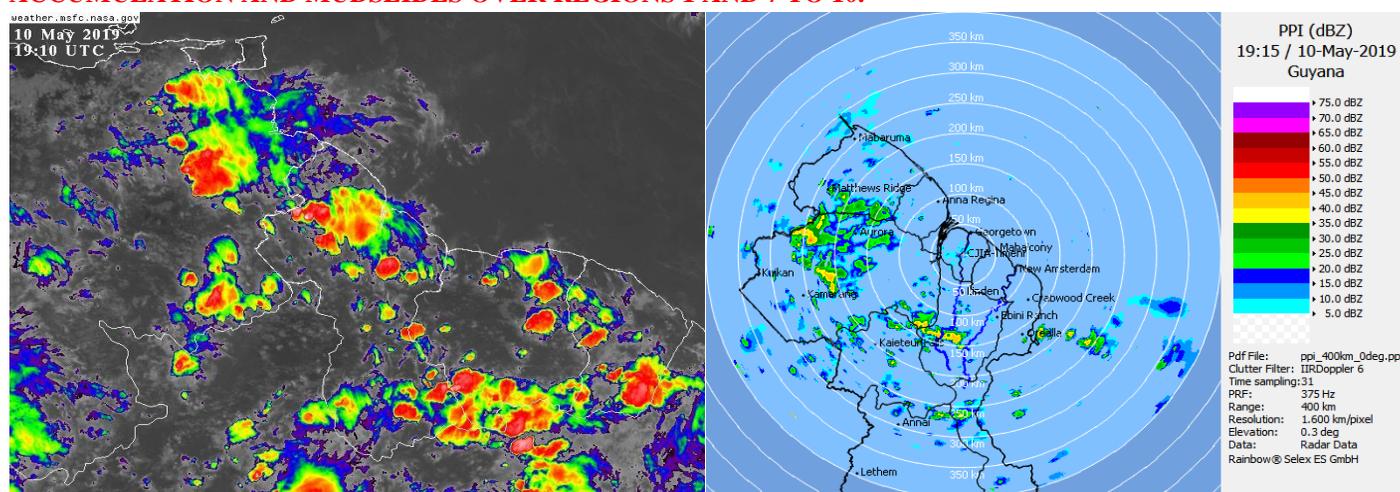
**Today's weather review:** Partly cloudy to cloudy skies with light to moderate showers were observed along the coast. All other areas observed mostly cloudy skies with light to moderate showers and frequent rain. Thundershowers were observed over regions 1, 7 10 and southern regions 6 and 9 beginning during the late morning hours.

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

| Friday May 10, 2019 (19:00 hrs. – 07:00 hrs.) |  |   | Saturday May 11, 2019 (07:00 hrs. – 19:00 hrs.) |  |  |
|---|--|---|---|--|--|
| Regions                                       | Weather Conditions   | Partly cloudy skies are expected over regions 2 to 6. Cloudy spells with light showers and intermittent rain may be observed during the early morning hours. All other areas may observe cloudy to overcast skies with showers of varying intensities, frequent rain and isolated thundershowers. | Regions   | Weather Conditions   | Partly cloudy skies with a few cloudy spells and accompanying showers are likely along the coast. All other areas may observe cloudy to overcast skies with scattered light to moderate showers and intermittent rain. Thundershowers may also be observed over regions 7, 10 and southern regions 6 and 9 during the afternoon hours. |
| Regions 2 to 6                                | <br><b>Rainfall between: 0.0 mm to 10.0 mm.</b>   |   | Regions 1 and 6                                 | <br><b>Rainfall between: 0.0 mm and 10.0 mm</b>    |  |
| All other areas                               | <br><b>Rainfall between: 25.0 mm to 50.0 mm</b> | <u>Winds:</u> Varying directions between 2 m/s and 4 m/s, becoming gusty at times.  | Regions 7, 10 and southern regions 6 and 9      | <br><b>Rainfall between: 20.0 mm and 40.0 mm</b> | <u>Winds:</u> Varying directions between 4 m/s and 8 m/s, becoming gusty at times.   |
|   |  | <u>Minimum temperatures:</u><br>Coast: 22 °C – 26 °C<br>Hinterland: 18 °C – 23 °C   | All other areas.                                | <br><b>Rainfall between: 10.0 mm to 25.0 mm.</b> | <u>Maximum temperatures:</u><br>Coast: 28 °C – 31°C<br>Hinterland: 28 °C – 32 °C   |

The long-term daily average rainfall for Georgetown, for the next 10 days, May 10, 2019 to May 19, 2019 is 9.8mm per day.

**Severe Weather Warnings:** FORECAST CONDITIONS ARE LIKELY TO PRODUCE FLOODING/WATER ACCUMULATION AND MUDSLIDES OVER REGIONS 1 AND 7 TO 10.



**Infra-red Satellite and Radar Images valid 19:15 UTC (15:15 hrs) Friday May 10, 2019**

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

| Tonight(May 10, 2019)                      |                 | Tomorrow Morning(May 11, 2019)             |                 | Tomorrow Afternoon(May 11, 2019)          |  |
|--|-----------------|--|-----------------|---|--|
| <b>High Tide 21:00hrs<br/>Height 2.47m</b> |                 | <b>Low Tide 02:42hrs<br/>Height 1.13m</b>  |                 | <b>Low Tide 15:11hrs<br/>Height 0.98m</b> |  |
|  |                 | <b>High Tide 08:33hrs<br/>Height 2.57m</b> |                 |   |  |
| <b>Sunrise</b>                             | <b>05:36hrs</b> | <b>Sunset</b>                              | <b>18:00hrs</b> |   |  |

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**HIGH TIDE ADVISORY:** *Citizens are advised that above normal high tide advisory is not in effect.*

**Sea conditions:** *MODERATE SEAS WITH WAVES REACHING HEIGHTS OF 1.0 TO 1.5 METERS IN OPEN WATERS*

***Extended Forecast***

**Sunday thru' Thursday:** Coastal areas may observe predominantly partly cloudy and sunny skies during this period. Isolated light showers are likely during the early morning hours. Rainfall is forecast to range between **0 mm and 10 mm**. All other locations may observe cloudy skies with scattered light to moderate showers. Southern regions 6 and 9 and parts of regions 7 and 10 may also observe isolated thundershowers during the early afternoon to evening hours. Rainfall is forecast to range between **20 mm and 45 mm** over areas with thundershowers and between **10 mm and 20 mm** elsewhere.

**For the Regional climate forecast please see the Guyana's Seasonal Climate Outlook February to April 2019 produced by the Climatological section of the Hydrometeorological Service and available on the website:** <http://hydromet.gov.gy/wp-content/uploads/2019/03/April-May-June2019.pdf>

Update in the bulletin is provided daily by the Hydromet Service: [www.hydromet.gov.gy](http://www.hydromet.gov.gy)

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