

# MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

**WEATHER BRIEF for Monday, July 03, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Monday July 03, 2017, were available for most of the stations.

**The highest rainfall of 45.0mm was recorded at De Edwards Village in Region 5.**

**Synopsis:** Weather conditions over Guyana were influenced by an active Saharan Air Layer and confluencing at the upper levels. Localized conditions produced some weak convective development over Hinterland locations during the afternoon hours.

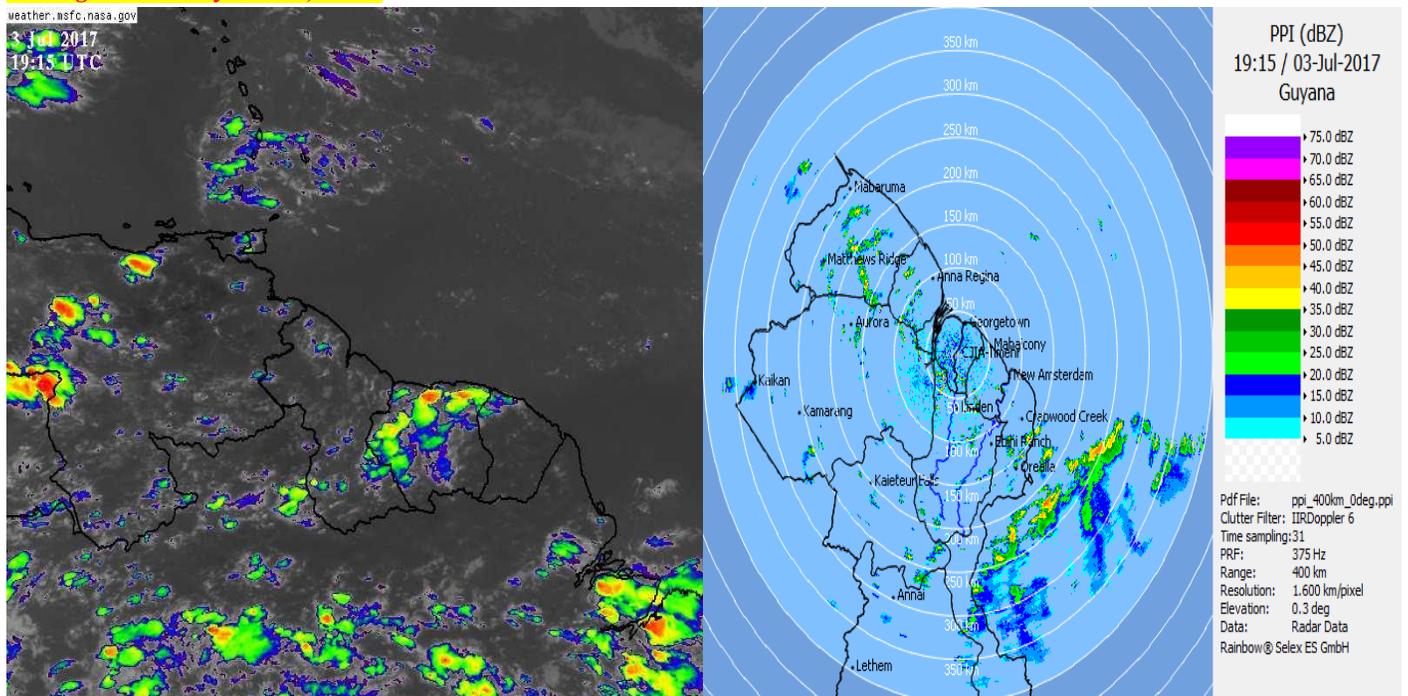
**Today's weather review:** Partly cloudy and sunny skies with isolated showers were experienced throughout Guyana today. Hinterland locations saw a few isolated moderate showers during the afternoon hours.

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

Monday July 03, 2017 (19:00 hrs – 07:00 hrs)			Tuesday July 04, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Fair to partly cloudy skies are likely along the Coast .A few isolated showers are likely during the morning hours. All other locations can expect cloudy skies with scattered light to moderate showers.	Regions	Weather Conditions	Cloudy skies with scattered light to moderate showers are expected throughout Guyana during the morning hours. Coastal locations can expect sunny skies during the afternoon. All other locations can expect cloudiness and moderate showers.
Regions 1 to 6	 Rainfall between: 0.0 mm to 10.0 mm.	<b>Winds:</b> North-easterly to south-easterly between 2 m/s and 4 m/s.	Regions 1 to 6	 Rainfall between: 5.0 mm and 15.0 mm	<b>Winds:</b> North-easterly to south-easterly between 4 m/s and 8 m/s. Strong winds can be expected before and during heavy downpours.
Regions 7 to 10	 Rainfall between: 10.0 mm to 25.0 mm	<b>Minimum temperatures:</b> Coast: 22 °C – 25°C Hinterland: 18 °C – 22 °C	Regions 7 to 10	 Rainfall between: 10.0 mm and 25.0 mm	<b>Maximum temperatures:</b> Coast: 31 °C – 33°C Hinterland: 30 °C – 35 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, July 03 to July 12, 2017 is 10.4 mm per day.

**Warnings:** Citizens are advised that above normal high tide advisory is NOT in effect. The next period of above normal high tides will begin on Friday 7 June, 2017.



Infra-red Satellite and Radar images valid 19:15 UTC (15:15 hrs) Monday 3 July, 2017

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

Tonight (July 03,2017)	Tomorrow Morning (July 04, 2017)		Tomorrow Afternoon (July 04, 2017)
--:--	<b>High Tide 01:00hrs</b> Height 2.62m  <b>Low Tide 06:54hrs</b> Height 0.92m		<b>High Tide 13:11hrs</b> Height 2.34m  <b>Low Tide 19:24 hrs</b> Height 1.22m
<i>Sunrise</i>	<i>05:41hrs</i>	<i>Sunset</i>	<i>18:11hrs</i>

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

**Extended Forecast**

***Wednesday thru' Saturday:*** Partly cloudy and sunny skies with isolated light showers are likely throughout Guyana during this period. Regions 7 to 10 may also experience afternoon cloudiness with scattered moderate showers. Rainfall is expected to range between **0 mm and 10 mm** along the Coast and between **10 mm and 35 mm** elsewhere.

***Sunday:*** Cloudy skies with scattered light to moderate showers are expected to prevail throughout Guyana. Regions 7 to 10 may also expect thundershowers during the afternoon and evening hours. Rainfall is forecast to range between **25 mm and 50 mm**.

**Seasonal Information (UPDATED 8 June, 2017) – ENSO alert system status: Not Active**

ENSO-neutral is conditions favoured (50 to ~55% chance) through the Northern Hemisphere fall 2017.

According to the ENSO update issued on Thursday June 08, 2017, by the Climate Prediction Centre, ENSO-neutral continued during May, though sea surface temperatures (SSTs) were above average in the east-central Pacific Ocean. This was reflected in the near-average sea surface temperatures (SSTs) across the central equatorial Pacific and above-average SSTs in the eastern Pacific. The lower-level and upper-level winds were near average over most of the tropical Pacific. Overall, the ocean and atmosphere system remains consistent with ENSO-neutral conditions. While ocean temperatures were elevated, the atmosphere was close to average. Atmospheric convection anomalies were weak over the central tropical Pacific and Maritime Continent, while the lower-level and upper-level winds were near average over most of the tropical Pacific. Overall, the ocean and atmosphere system remains consistent with ENSO-neutral.

Many models predict the onset of El Niño during the Northern Hemisphere summer. These predictions, combined with the near-average atmospheric conditions over the Pacific, have resulted in slightly more confidence for the persistence of ENSO-neutral (50 to ~55% chance). However, chances for El Niño remain elevated (35-50%) relative to the long-term average into the fall.

The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period June-July-August indicates that Guyana can expect above normal (45 % probability) to normal (35 % probability) rainfall.

Surface analysis shows that the Inter-tropical Convergence Zone (ITCZ) is currently meandering between Southern and Northern Guyana and 3 to 4 tropical waves are making their way across the Atlantic Ocean. These and other dynamic and thermodynamic features in the atmosphere indicate that Northern and Southern Guyana is into its rainy season, which is expected to continue throughout this the month of June. Considering the present conditions and forecast conditions, Guyana is likely to experience above normal to normal weather conditions during the next three months.

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

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