

# MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

**WEATHER BRIEF for Sunday, July 16, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Sunday July 16, 2017, were available for most of the stations.

**The highest rainfall of 60.3 mm was recorded at Bush lot in Region 5.**

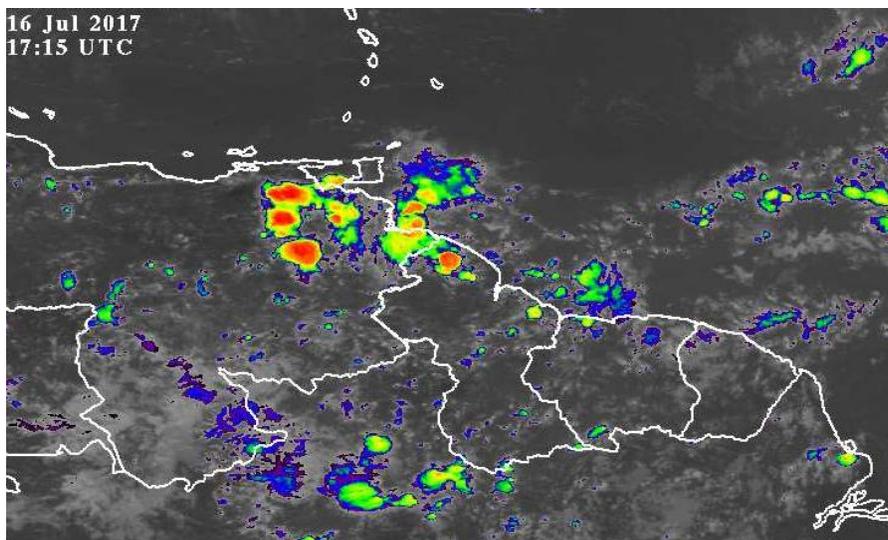
**Synopsis:** Weak ITCZ activity is affecting Guyana.

**Today's weather review:** Fair to cloudy skies with few passing showers were observed across Guyana.

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

Sunday July 16, 2017 (19:00 hrs – 07:00 hrs)			Monday July 17, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <b>Rainfall between: 0.0 mm to 15.0 mm.</b>	Partly cloudy skies becoming cloudy to occasionally overcast in coastal and near inland areas with scattered showers. Other areas will see mostly fair to partly cloudy skies.  <b><u>Winds:</u></b> Light to calm.  <b><u>Minimum temperatures:</u></b> Coast: 22 °C – 25°C Hinterland: 18 °C – 22 °C	Regions 1 to 10	 <b>Rainfall between: 0.0 mm and 50.0 mm highest in coastal areas</b>	Cloudy to overcast skies with frequent showers and isolated thundershowers during the morning. Conditions are expected to improve during the afternoon.  <b><u>Winds:</u></b> Light to breezy at times  <b><u>Maximum temperatures:</u></b> Coast: 28 °C – 30°C Hinterland: 28 °C – 31 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, July 16 to July 25, 2017 is 8.0 mm per day.



Infra-red Satellite image valid 17:15 UTC (13:15 hrs) Sunday July 16, 2017

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

Tonight (July 16, 2017)		Tomorrow Morning (July 17, 2017)		Tomorrow Afternoon (July 17, 2017)	
High Tide 21:16hrs Height 2.63m		Low Tide 03:48hrs Height 1.06m		Low Tide 16:08hrs Height 1.00m	
		High Tide 10:16hrs Height 2.44m			
Sunrise		05:44hrs	Sunset		18:12hrs

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

**Extended Forecast**

**Tuesday and Saturday:** Partly cloudy to cloudy skies with scattered showers and isolated thunderstorms. **Rainfall is expected to range between 10.0 mm and 20.0 mm.**

**Wednesday thru Friday:** Cloudy to overcast skies with frequent rain showers and isolated thundershowers can be expected over all Regions. **Rainfall is expected to range between 40.0 mm and 80.0 mm within a 24hrs period.**

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**Seasonal Information (UPDATED 13 July, 2017) – ENSO alert status: Not Active**

ENSO-neutral is favored (~50 to 55% chance) into the Northern Hemisphere winter 2017-18 (December 2017 to March 2018).

*According to the ENSO update issued on Thursday July 13, 2017, by the Climate Prediction Centre, ENSO-neutral conditions continued during June 2017. Sea surface temperatures (SSTs) remained above average in the central and east-central Pacific Ocean. The upper-ocean heat content anomaly was above average during June, reflecting the above-average sub-surface temperatures across the central and eastern Pacific. In the atmosphere, tropical convection was suppressed over the west-central tropical Pacific and enhanced over the Maritime Continent. The lower-level and upper-level winds were near average over most of the tropical Pacific, and the Southern Oscillation Index (SOI) and Equatorial SOI were slightly negative to near-zero. Overall, the ocean and atmosphere system remains consistent with ENSO-neutral conditions.*

*Most models predict the onset of El Niño during the Northern Hemisphere summer (June-September); however, more than half of the models favour ENSO-neutral through the remainder of 2017. These predictions, along with the near-average atmospheric conditions over the Pacific, lead forecasters to favour ENSO-neutral into the winter (~50 to 55% chance). However, chances for El Niño remain elevated (~35-45%) relative to the long-term average.*

*The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period July-August-September indicates that Guyana can expect above normal (40 % probability) to normal (35 % probability) rainfall. Surface analysis shows that the Inter-tropical Convergence Zone (ITCZ) is currently oscillating between 08 ° North to 10 ° north. These and other dynamic and thermodynamic features in the atmosphere indicate that Guyana is slowly transitioning into the dry season. 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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