

# MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

**WEATHER BRIEF for Wednesday, July 05, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Wednesday July 05, 2017, were available for most of the stations.

**The highest rainfall of 41.8mm was recorded at Timehri in Region 4.**

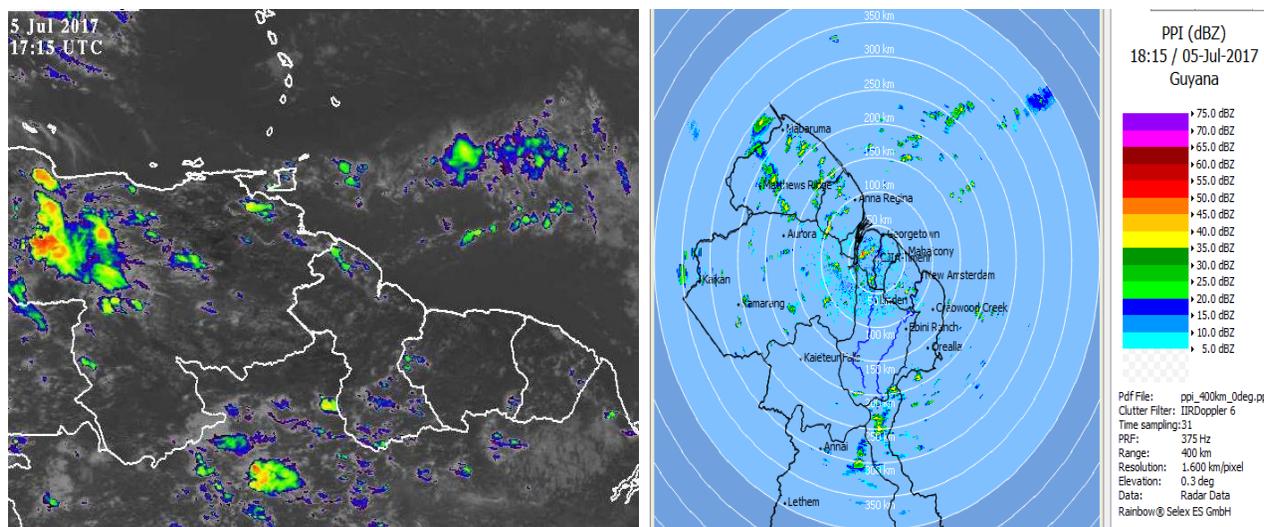
**Synopsis:** Ridge of high pressure coupled with an active Saharan air Layer, remains the dominant feature affecting Guyana. Weak instabilities driven by local heating gave rise to few showers.

**Today's weather review:** Generally sunny skies were observed across Guyana with a few passing showers in coastal areas.

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

Wednesday July 05, 2017 (19:00 hrs – 07:00 hrs)			Thursday July 06, 2017 (07:00 hrs – 19:00 hrs)		
<b>Regions</b>	<b>Weather Conditions</b>	<b>Partly cloudy skies with a few early morning passing showers.</b>	<b>Regions</b>	<b>Weather Conditions</b>	<b>Partly cloudy and sunny with isolated showers.</b>
Regions 1 to 10	 <b>No significant rainfall expected</b>	<b>Winds:</b> mostly breezy  <b>Minimum temperatures:</b> Coast: 23 °C – 26°C Hinterland: 20 °C – 25 °C	Regions 1 to 10	 <b>Rainfall between: 0.0 mm and 10.0 mm</b>	<b>Winds:</b> Light to breezy  <b>Maximum temperatures:</b> Coast: 30 °C – 32°C Hinterland: 30 °C – 35 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, July 05 to July 14, 2017 is 10.0 mm per day.



**Infra-red Satellite image valid 19:15 UTC (15:15 hrs) Wednesday July 05, 2017**

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

**Warnings:** **CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT UNTIL THURSDAY JULY 13, 2017. RESIDENTS OF LOW LYING, RIVERINE, AND FLOOD PRONE AREAS ARE ADVISED TO TAKE NECESSARY PRECAUTIONS AGAINST POSSIBLE FLOODING.**

Tonight (July 05,2017)	Tomorrow Morning (July 06, 2017)	Tomorrow Afternoon (July 06, 2017)
Low Tide 20:09hrs Height 1.14m	<b>High Tide 02:20hrs</b> <b>Height 2.74m</b> <b>Above normal</b>  Low Tide 08:30hrs Height 0.73m	High Tide 14:46hrs Height 2.48m
Sunrise	05:41hrs	Sunset
		18:11hrs

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

**Extended Forecast**

**Saturday and Sunday,** mostly overcast skies will be observed with occasional to frequent showers and possible rain and thundershowers. **Rainfall is expected between 20.0 mm to 60.0 mm within 24 hours.**

**Friday, Monday and Tuesday,** mostly sunny skies with isolated showers. **No significant rainfall is expected.**

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**Seasonal Information (UPDATED 16 May, 2017) – ENSO alert status: Not Active**

ENSO-neutral and El Niño are nearly equally favoured during the Northern Hemisphere summer and fall 2017 (June to December).

*According to the ENSO update issued on Thursday May 11, 2017, by the Climate Prediction Centre, ENSO-neutral conditions continued during April 2017. 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. Most models predict the onset of El Niño during the Northern Hemisphere summer (June-September); however, most of the statistical models are more conservative and indicate that while Niño-3.4 index may be near or greater than +0.5°C for several months, the warmth may not last long enough to qualify as an El Niño episode (5 consecutive overlapping seasons) and/or may not significantly impact the atmospheric circulation.*

*Relative to last month, the forecaster consensus reflects slightly lower chances of El Niño (~45%), in part due to the conflicting model guidance and lack of a clear shift toward El Niño in the observational data.*

*The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period May-June-July 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 meandering between northern Brazil and Guyana. These and other dynamic and thermodynamic features in the atmosphere indicate that Northern and Southern Guyana is into its rainy 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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