

# MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

**WEATHER BRIEF for Saturday, July 01, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Saturday July 01, 2017, were available for most of the stations.

**The highest rainfall of 47.0mm was recorded at Deer Creek in Region 9.**

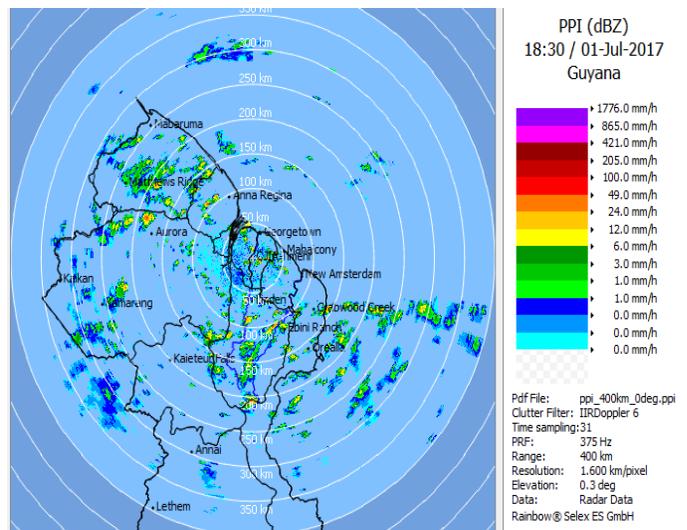
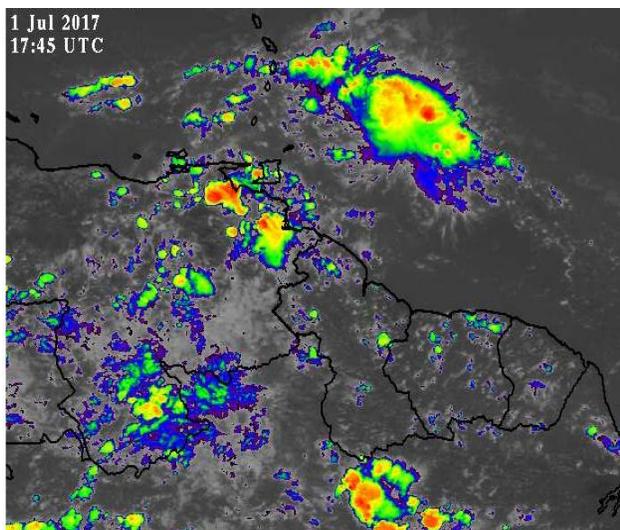
**Synopsis:** A Tropical Wave had passed over Guyana during the early morning period. Sub-Tropical High Pressure Ridge and strong Saharan Dust became the controlling factors affecting Guyana's weather.

**Today's weather review:** Early morning cloudy skies and showers became partly cloudy and sunny.

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

(Saturday July 01, 2017 19:00 hrs – 07:00 hrs)			Sunday July 02, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <p><b>No significant rainfall is expected in coastal and inland areas. Other areas rainfall is expected between 15.0 mm to 50.0 mm with highest in Region 9.</b></p>	<p>Partly cloudy skies with chance of early morning passing showers over coastal and inland areas. Other areas will see mostly cloudy skies with occasional to frequent showers and isolated thundershowers.</p> <p><b>Winds:</b> Light to breezy at times</p> <p><b>Minimum temperatures:</b></p> <p>Coast: 22 °C – 25°C</p> <p>Hinterland: 18 °C – 22 °C</p>	Regions 1 to 10	 <p><b>Rainfall is expected between 20.0 mm to 40.0 mm in Regions 9 and southern 6 and no significant rainfall elsewhere</b></p>	<p>Regions 9 and Southern 6 will see mostly cloudy to overcast skies with moderate to heavy thundershowers during the morning becoming fair into the afternoon. Other areas will see generally sunny skies with a few passing showers.</p> <p><b>Winds:</b> Breezy</p> <p><b>Maximum temperatures:</b></p> <p>Coast: 29 °C – 32°C</p> <p>Hinterland: 27 °C – 30 °C</p>

The long-term daily average rainfall for Georgetown, for the next 10 days, July 01 to July 10, 2017 is 10.4 mm per day.



**Infra-red Satellite image valid 17:45 UTC (13:45 hrs) Saturday July 01, 2017**

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

Tonight (July 01, 2017)	Tomorrow Morning (July 02, 2017)		Tomorrow Afternoon (July 02, 2017)
High Tide 23:09hrs Height 2.55m	Low Tide 04:54hrs Height 1.06m	High Tide 10:51hrs Height 2.32m	Low Tide 17:21hrs Height 1.28m
Sunrise	05:40hrs	Sunset	18:11hrs

**Sea conditions:** MODERATE SEAS WITH WAVES REACHING HEIGHTS OF 1.5 TO 2.5 METERS IN OPEN WATERS

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**Extended Forecast**

**Monday and Wednesday to Friday**, partly cloudy and sunny skies can be expected across Guyana. *No significant rainfall is anticipated.*

**Tuesday**, cloudy skies with occasional showers can be expected across Guyana. *Rainfall is expected between 10.0 mm to 20.0 mm.*

**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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