

MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

WEATHER BRIEF for Saturday, July 08, 2017 from the Hydrometeorological Service, Guyana

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

The highest rainfall of 56.4mm was recorded at Kaieteur in Region 8.

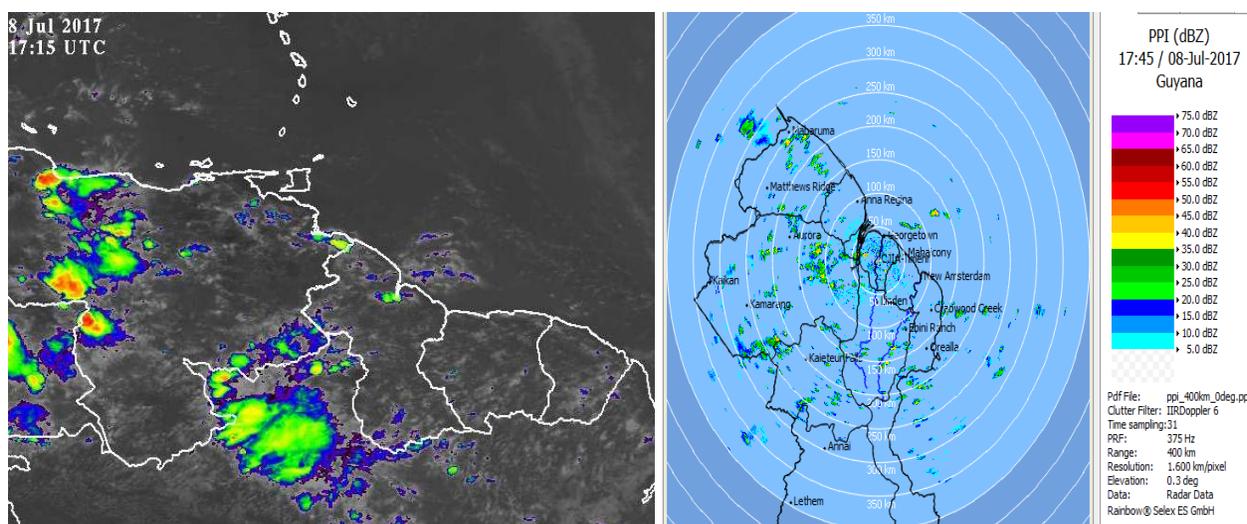
Synopsis: Weak instabilities driven by local topography and trade winds are affecting Guyana.

Today's weather review: Fair to occasionally cloudy skies were observed throughout Guyana with scattered showers during the morning period.

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

Saturday July 08, 2017 (19:00 hrs – 07:00 hrs)			Sunday July 09, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Fair to partly cloudy skies with isolated showers can be expected throughout Guyana.	Regions	Weather Conditions	Partly cloudy and sunny skies with isolated afternoon thundershowers.
Regions 1 to 10	 Rainfall between: 0.0 mm to 10.0 mm.	Winds: Mostly light to breezy at times Minimum temperatures: Coast: 22 °C – 25 °C Hinterland: 18 °C – 22 °C	Regions 1 to 10	 Rainfall between: 0.0 mm and 15.0 mm	Winds: Breezy to light at times Maximum temperatures: Coast: 30 °C – 32 °C Hinterland: 30 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, July 08 to July 17, 2017 is 9.7 mm per day.



Infra-red Satellite image valid 17:15 UTC (13:15 hrs) Saturday July 08, 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.**

Tonight (July 08, 2017)	Tomorrow Morning (July 09, 2017)	Tomorrow Afternoon (July 09, 2017)	
Low Tide 21:57hrs Height 0.96m	High Tide 04:06hrs Height 2.86m Above normal Low Tide 10:25hrs Height 0.57m	High Tide 16:34hrs Height 2.69m	
Sunrise	05:42hrs	Sunset	18:12hrs

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

Extended Forecast

Monday, Tuesday and Thursday: Partly cloudy and sunny skies with isolated afternoon thundershowers. **Rainfall is expected to range between 5.0 mm and 20.0 mm within a 24hrs period.**

Wednesday and Friday: Cloudy to overcast skies with frequent showers and isolated thundershowers can be expected over all Regions; conditions are expected to improve over some coastal areas during the afternoon. **Rainfall is expected to range between 15.0 mm and 50.0 mm within a 24hrs period.**

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Seasonal Information (UPDATED 07 July, 2017) – ENSO alert status: Not Active

ENSO-neutral is favored (50 to ~55% chance) through the Northern Hemisphere fall 2017 (September to December).

According to the ENSO update issued on Thursday June 08, 2017, by the Climate Prediction Centre, ENSO-neutral conditions continued during May 2017. This was reflected in the sea surface temperatures (SSTs) which were above average in the east-central Pacific Ocean. The upper-ocean heat content anomaly increased during May, reflecting the expansion of above-average sub-surface temperatures across the central and eastern Pacific in association with a down welling oceanic Kelvin wave. 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 now favoring the continuation of ENSO-neutral. 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 (September to December).

The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period June-July- August 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

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