

MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

WEATHER BRIEF for Tuesday, July 04, 2017 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday July 04, 2017, were available for most of the stations.

The highest rainfall of 34.4mm was recorded at Bee Hive in Region 4.

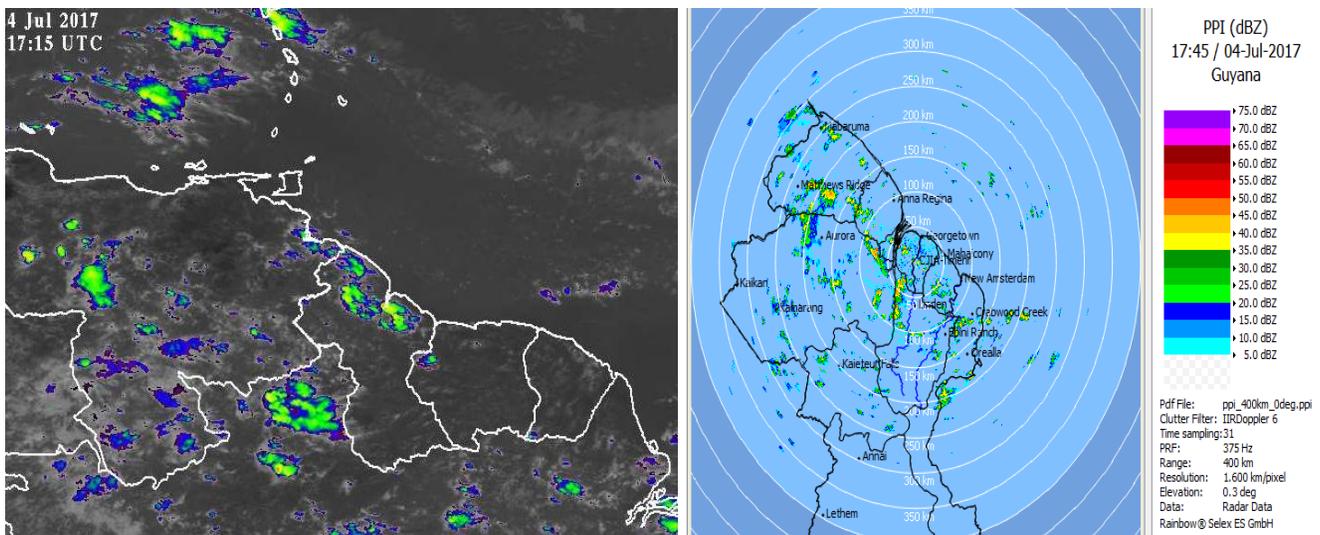
Synopsis: Ridge of high Pressure remains the dominant feature affecting Guyana. Weak instabilities driven by local heating had given rise to mid-day showers over near inland to inland areas.

Today's weather review: apart from a few isolated showers over inland areas, generally sunny skies were observed across Guyana.

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

| Tuesday July 04, 2017 (19:00 hrs – 07:00 hrs) | | | Wednesday July 05, 2017 (07:00 hrs – 19:00 hrs) | | |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Regions | Weather Conditions | Partly cloudy skies to clear skies. Chance of passing showers. | Regions | Weather Conditions | Partly cloudy and sunny with isolated showers. |
| Regions 1 to 10 |  No significant rainfall. | Winds: Breezy Minimum temperatures: Coast: 24 °C – 26°C Hinterland: 20 °C – 24 °C | Regions 1 to 10 |  Rainfall between: 0.0 mm and 10.0 mm | Winds: Breezy Maximum temperatures: Coast: 30 °C – 32°C Hinterland: 32 °C – 34 °C |

The long-term daily average rainfall for Georgetown, for the next 10 days, July 04 to July 13, 2017 is 10.3 mm per day.



Infra-red Satellite image valid 19:15 UTC (15:15 hrs) Tuesday July 04, 2017

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

| Tonight (July 04, 2017) | | Tomorrow Morning (July 05, 2017) | | Tomorrow Afternoon (July 05, 2017) | |
|-----------------------------------|--|------------------------------------|--------|------------------------------------|----------|
| Low Tide 19:24hrs Height 1.22m | | High Tide 01:42hrs Height 2.68m | | High Tide 14:03hrs Height 2.41m | |
| | | Low Tide 07:45hrs Height 0.82m | | | |
| 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

Thursday, Friday and Monday, Partly cloudy and sunny with few isolated showers. Rainfall expected between 0.0 mm to 15.0 mm.

Saturday and Sunday, cloudy skies with scattered to occasional showers. Rainfall between 0.0 mm to 30.0 mm

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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
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