

MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

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

Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday April 04, 2017, were available for most of the stations. The highest rainfall recorded was 11.4 mm at Mabaruma in Region 1.

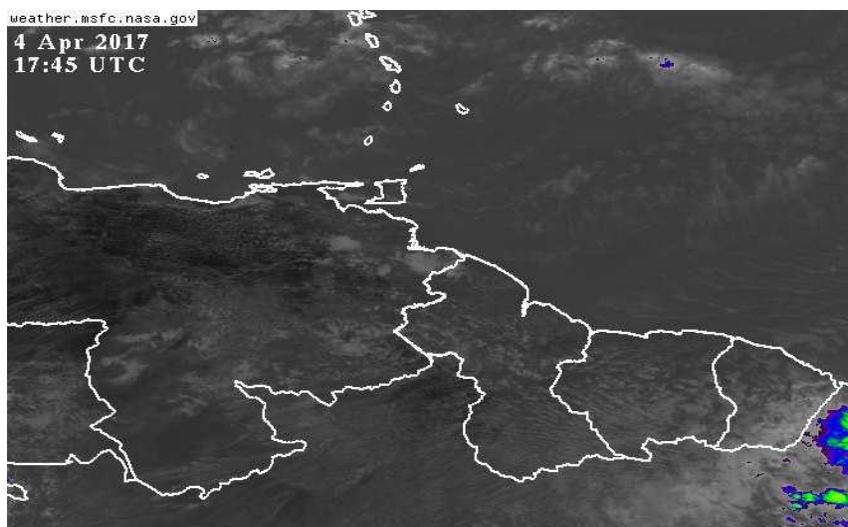
Synopsis: Ridge of high Pressure is the dominant features affecting Guyana, coupled with the influence of Saharan Dust inhibiting any significant cloud development.

Today's weather review: Breezy and Sunny with Haze was observed throughout Guyana.

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

Tuesday April 04, 2017 (19:00 hrs – 07:00 hrs)			Wednesday April 05, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Fair to partly cloudy skies can be expected throughout Guyana becoming cloudy at times with isolated showers in the early morning along coastal areas.	Regions	Weather Conditions	Occasionally cloudy skies with brief passing showers.
Regions 1 to 10	 No significant rainfall expected	Winds: Breezy Minimum temperatures: Coast: 22 °C – 25°C Hinterland: 18 °C – 22 °C	Regions 1 to 10	 Rainfall between: 0.0 mm and 10.0 mm (0 – 0.39 inch)	Winds: Breezy to windy Maximum temperatures: Coast: 29 °C – 32°C Hinterland: 28 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, April 04 to April 13, 2017 is 4.9 mm per day.



Infra-red Satellite image valid 17:45 UTC (13:15 hrs) Tuesday April 04, 2017

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

Tonight (April 04,2017)	Tomorrow Morning (April 05, 2017)		Tomorrow Afternoon (April 05, 2017)
High Tide 23:46hrs Height 2.49m	Low Tide 05:15hrs Height 1.12m	High Tide 11:33hrs Height 2.49m	Low Tide 18:09hrs Height 0.98m
Sunrise	05:49hrs	Sunset	18:01hrs

Sea conditions: MODERATE SEAS WITH WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS

Extended Forecast

Thursday and Friday: Mostly cloudy skies with scattered showers across Guyana. **Rainfall is expected to range between 0.0 mm and 20.0 mm (0 – 0.79 inch) within a 24hrs period.**

Saturday thru Tuesday: Hazy and sunny skies throughout Guyana with the likelihood of a few light passing showers in some coastal areas during the early morning. **No significant rainfall is expected.**

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

ENSO-neutral conditions are favored to continue through at least the Northern Hemisphere spring 2017 (June), with increasing chances for El Niño development into the fall (September).

According the ENSO update issued on Thursday March 9, 2017, by the Climate Prediction Centre and associates, ENSO neutral conditions continued throughout the month of February, 2017. This was reflected in near-average sea surface temperatures (SSTs) across the central equatorial Pacific and above-average SSTs in the eastern Pacific. The low-level easterly winds were slightly enhanced over the western tropical Pacific and were weaker than average over the eastern Pacific. Also, upper-level westerly winds were anomalously easterly over portions of the western and eastern Pacific. Most models predict the continuation of ENSO-neutral through the early Northern Hemisphere summer (May-July; Fig. 6). However, some dynamical model forecasts anticipate an onset of weak El Niño as soon as the late Northern Hemisphere spring (March-May 2017). Because of typically lower skill in forecasts made at this time of the year, and the lingering La Niña-like tropical convection patterns, the forecaster consensus favors ENSO-neutral conditions during the spring (March-May) with an approximately 75% chance. Thereafter, there are increasing odds for weak El Niño toward the second half of 2017 (50-55% chance from approximately July-December).

The latest CARICOF forecasts suggest that Guyana would experience above normal (35 % probability) to normal (35 % probability) weather conditions during the period March to May.

Surface analysis shows that the ITCZ is oscillating south of the equator and the subtropical High pressure is the most dominant feature in the Northern Atlantic. These and other dynamic and thermodynamic features in the atmosphere show that Northern Guyana is currently in its first dry season for the year, while Southern Guyana continues in its only dry season. Southern Guyana is expected to begin to transition into its only rainy season towards the end of March. Considering the present conditions and forecast conditions, Guyana is likely to experience above normal to normal weather conditions during the next three months. Please note that the dry season does not imply the absence of precipitation, but a reduction of precipitation.

Update in the bulletin is provided daily by the Hydromet Service: www.hydromet.gov.gy

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