

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Sunday, April 09, 2017 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Sunday April 09, 2017, were available for most of the stations. The highest rainfall of 15.4 mm was recorded at Letter Kenny Berbice in Region 6.

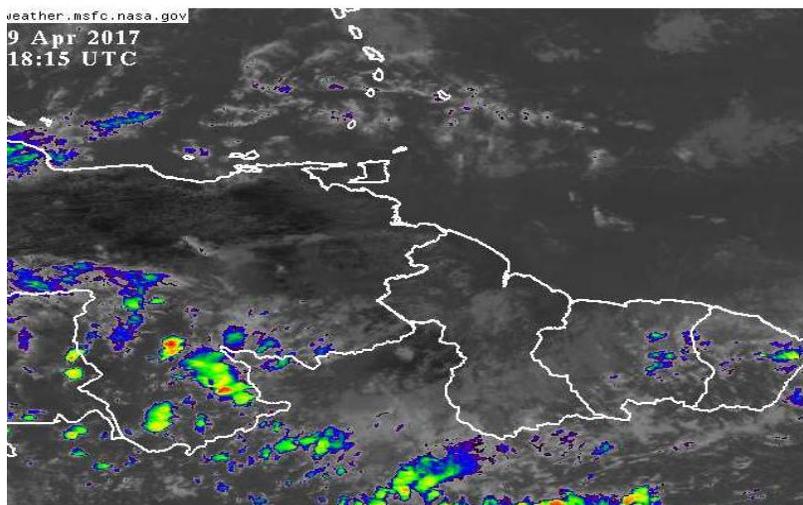
Synopsis: Ridge of high pressure is the dominant feature affecting Guyana. This and the added influence of Saharan dust continue to inhibit deep convection. Forecast suggests that this pattern will weaken over the next week period, allowing an increase in moisture and some development of showers

Today's weather review: Sunny and hazy skies were observed across Guyana with a few passing showers in the morning period.

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

Sunday April 09, 2017 (19:00 hrs – 07:00 hrs)			Monday April 10, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Mostly fair to partly cloudy and breezy with a few early morning showers. <u>Winds:</u> Breezy becoming light at times <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 18 °C – 22 °C	Regions	Weather Conditions	Partly sunny and breezy with haze and a few showers. <u>Winds:</u> Mostly breezy <u>Maximum temperatures:</u> Coast: 29 °C – 32°C Hinterland: 28 °C – 33 °C
Regions 1 to 10	 Rainfall between: 0.0 mm to 10.0 mm.(0-0.39 inch)		Regions 1 to 10	 Rainfall between: 0.0 mm and 20.0 mm (0-0.79 inch)	

The long-term daily average rainfall for Georgetown, for the next 10 days, April 09 to April 18, 2017 is 5.1 mm per day.



Infra-red Satellite image valid 18:15 UTC (14:15 hrs) Sunday April 09, 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 FRIDAY APRIL 14, 2017.**

Tonight (April 09,2017)	Tomorrow Morning (April 10, 2017)	Tomorrow Afternoon (April 10, 2017)
Low Tide 21:23hrs Height 0.68m	High Tide 03:43hrs Height 3.03m Above normal Low Tide 09:34hrs Height 0.46m	High Tide 15:45hrs Height 2.92m Above normal
Sunrise	05:47hrs	Sunset
		18:00hrs

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

Extended Forecast

Tuesday: Cloudy skies with scattered showers during the morning becoming fair and sunny with haze in the afternoon. **Rainfall is expected to range between 0.0 mm and 20.0 mm (0-0.79 inch) within a 24hrs period.**

Wednesday thru Saturday: Partly cloudy to cloudy skies with few passing showers. **Rainfall is expected to range between 0.0 mm and 10.0 mm (0-0.39 inch) within a 24hrs period.**

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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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