

MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

WEATHER BRIEF for Sunday, April 02, 2017 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Sunday April 02, 2017, were available for most of the stations. The highest rainfall recorded was 10.3mm at Kaieteur in region 8.

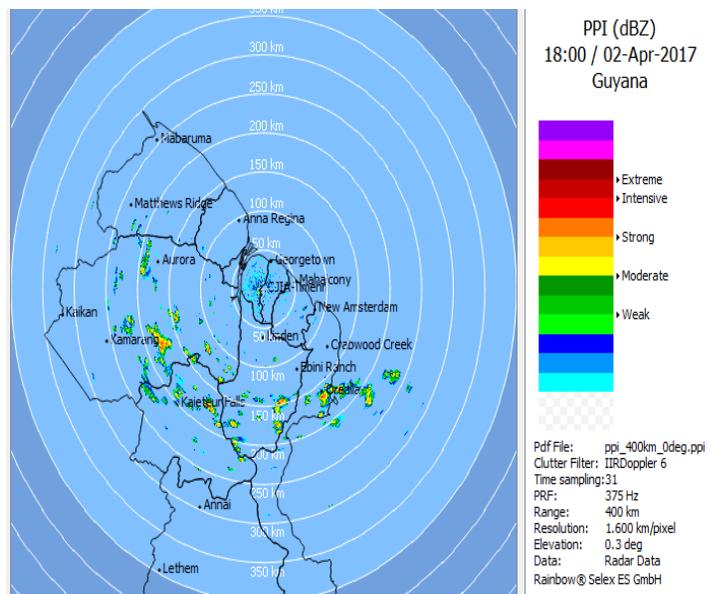
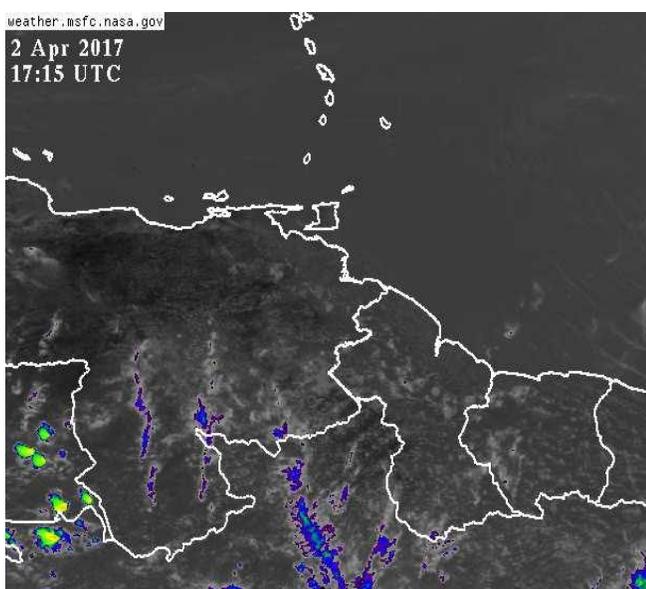
Synopsis: Ridge of High Pressure remains the dominant feature affecting Guyana coupled with the influence of Saharan Dust suppressing cloud development.

Today's weather review: Very sunny and hazy skies were observed throughout Guyana with isolated showers over inland areas

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

Sunday April 02, 2017 (19:00 hrs – 07:00 hrs)			Monday April 03, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
		Partly cloudy and hazy skies.			Partly cloudy and sunny skies with isolated showers
Regions 1 to 10	 No significant rainfall	<u>Winds:</u> Breezy <u>Minimum temperatures:</u> 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)	<u>Winds:</u> Breezy to windy <u>Maximum temperatures:</u> Coast: 31 °C – 32°C Hinterland: 30 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, April 02 to April 11, 2017 is 4.8 mm per day.



Infra-red Satellite image valid 17:15 UTC (11:15 hrs) Sunday April 02, 2017

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

Tonight (April 01,2017)	Tomorrow Morning (April 02, 2017)		Tomorrow Afternoon (April 02, 2017)
High Tide 20:57hrs Height 2.57m	Low Tide 02:38hrs Height 1.01m		Low Tide 15:25hrs Height 0.93m
	High Tide 08:39hrs Height 2.59m		
Sunrise	05:49hrs	Sunset	18:01hrs

Sea conditions: ROUGH SEAS WITH WAVES REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS

Extended Forecast

Monday to Saturday: Partly cloudy and sunny skies with isolated showers can be expected throughout Guyana; **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 to 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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