

# MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

## WEATHER BRIEF for Thursday, April 13, 2017 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Thursday April 13, 2017, were available for most of the stations.

**The highest rainfall of 30.4 mm was recorded at Kaieteur in Region 8.**

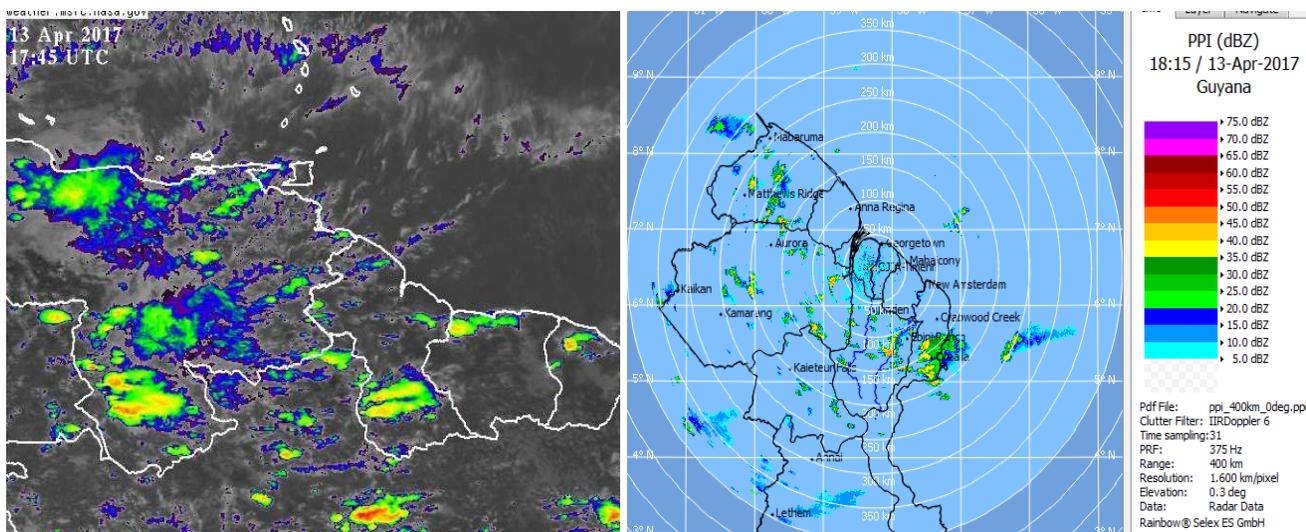
**Synopsis:** Weak instabilities are affecting Guyana.

**Today's weather review:** Fair and sunny skies were observed throughout Guyana with a few passing showers in some areas during the morning.

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

Thursday April 13, 2017 (19:00 hrs – 07:00 hrs)			Friday April 14, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Generally fair and partly cloudy skies with a few brief passing showers.	Regions	Weather Conditions	Mostly sunny skies with occasional cloudy spells and possible passing showers during the morning.
Regions 1 to 10	 <b>No significant rainfall</b>	<b>Winds:</b> Breezy <b>Minimum temperatures:</b> Coast: 23 °C – 26°C Hinterland: 21 °C – 24 °C	Regions 1 to 10	 <b>Rainfall between: 0.0 mm and 10.0 mm</b>	<b>Winds:</b> Breezy to windy <b>Maximum temperatures:</b> Coast: 30 °C – 32°C Hinterland: 30 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, April 13 to April 22, 2017 is 5.1 mm per day.



**Infra-red Satellite image valid 19:15 UTC (15:15 hrs) Thursday April 13, 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 13,2017)	Tomorrow Morning (April 14, 2017)	Tomorrow Afternoon (April 14, 2017)
Low Tide 23:28hrs Height 0.83m	High Tide 05:39hrs Height 2.81m Above normal  Low Tide 12:00hrs Height 0.59m	High Tide 18:00hrs Height 2.76m Above normal
Sunrise	05:44hrs	Sunset
		18:00hrs

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

### Extended Forecast

**Saturday:** Apart from a few early morning cloudy spells and passing showers, generally fair and sunny skies will be observed throughout Guyana. **Rainfall is expected to range between 0.0 mm and 10.0 mm (0 - 0.39 inch) within a 24hrs period.**

**Sunday thru Wednesday:** Sunny and breezy with haze throughout Guyana. **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 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](http://www.hydromet.gov.gy)  
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