

# MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

**WEATHER BRIEF for Friday, March 31, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Friday March 31, 2017, were available for most of the stations. No significant rainfall was recorded.

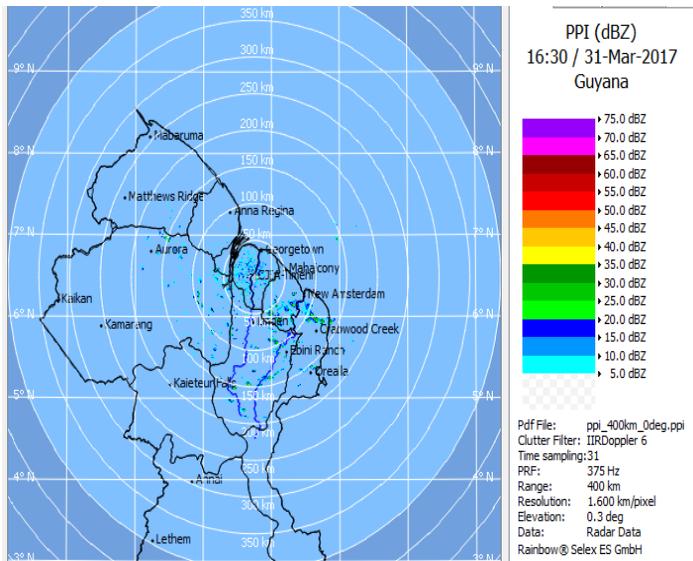
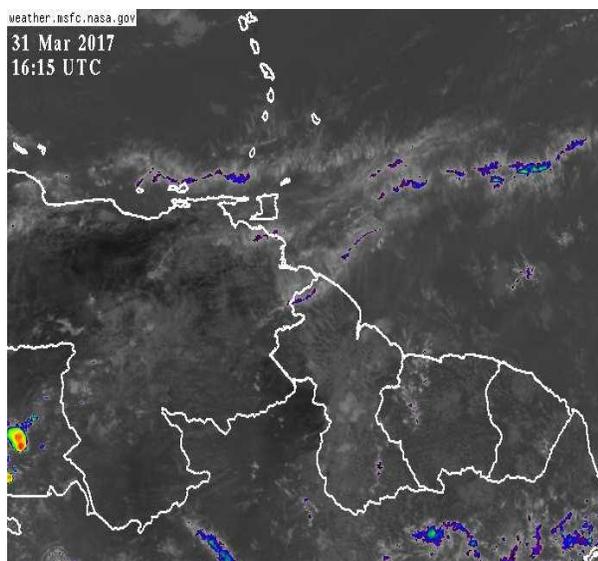
**Synopsis:** Ridge of High Pressure and Strong Subsidence remained dominant over Guyana inhibiting significant cloud development.

**Today's weather review:** Sunny and Breezy throughout Guyana. Isolated light showers in some areas of Regions 6.

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

Friday March 31, 2017 (19:00 hrs – 07:00 hrs)			Saturday April 01, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Fair skies throughout Guyana. <b><u>Winds:</u></b> Breezy to light	Regions	Weather Conditions	Partly cloudy and sunny skies with few cloudy spells and isolated showers.
Regions 1 to 10	 <b>No significant rainfall</b>	<b><u>Minimum temperatures:</u></b> Coast: 24 °C – 26°C Hinterland: 22 °C – 25 °C	Regions 1 to 10	 <b>Rainfall between: 0.0 mm and 10.0 mm (0 to 0.39 inches)</b>	<b><u>Winds:</u></b> Breezy to windy at times <b><u>Maximum temperatures:</u></b> Coast: 31 °C – 33°C Hinterland: 32 °C – 35 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, March 31 to April 09, 2017 is 4.7 mm per day.



***Infra-red Satellite image valid 16:15 UTC (12:15 hrs) Sunday April 2, 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 MONDAY JANUARY 16, 2017.**

Tonight (March 31,2017)	Tomorrow Morning (April 01, 2017)	Tomorrow Afternoon (April 01, 2017)
<b>High Tide 18:57hrs</b> <b>Height 2.95m</b> <b>Above normal</b>	<b>Low Tide 00:45hrs</b> <b>Height 0.59m</b> <b>High Tide 06:42hrs</b> <b>Height 2.99m</b> <b>Above normal</b>	<b>Low Tide 13:17hrs</b> <b>Height 0.58m</b>
<b>Sunrise</b>	<b>05:50hrs</b>	<b>Sunset</b>
		<b>18:01hrs</b>

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

**Extended Forecast**

**Sunday:** Occasionally cloudy skies with scattered showers across Guyana. **Rainfall is expected to range between 0.0 mm and 15.0 mm (0-0.59 inches) within a 24hrs period.**

**Monday thru Thursday:** Sunny skies will be observed throughout Guyana. **No significant rainfall is anticipated across this 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](http://www.hydromet.gov.gy)  
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