

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

**WEATHER BRIEF for Thursday, April 20, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Thursday April 20, 2017, were available for most of the stations.

*No significant rainfall was recorded.*

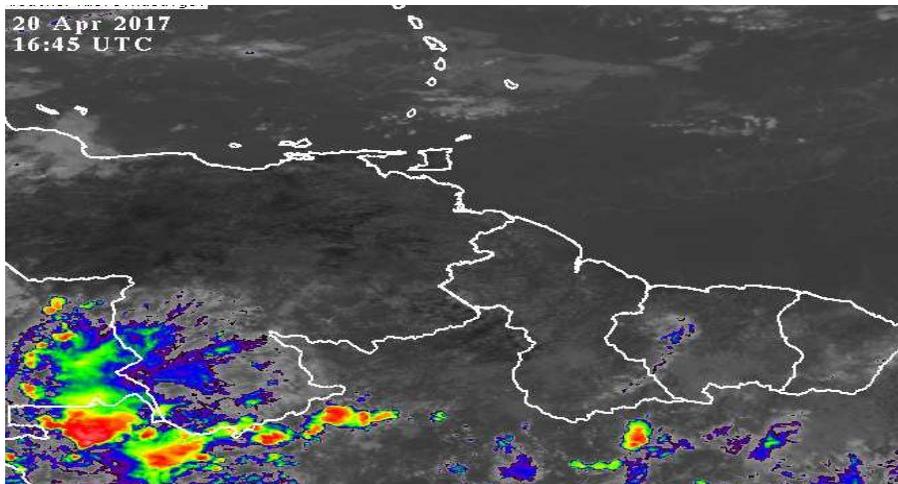
**Synopsis:** Ridge of High Pressure remains the dominant feature affecting Guyana couple with the influence of Saharan Dust inhibiting cloud development.

**Today's weather review:** Sunny and breezy with haze were observed across Guyana.

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

Thursday April 20, 2017 (19:00 hrs – 07:00 hrs)			Friday April 21, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Partly cloudy skies can be expected throughout Guyana.	Regions	Weather Conditions	Sunny skies with haze, chance of passing showers
Regions 1 to 10	 <i>No significant rainfall</i>	<b><u>Winds:</u></b> Breezy to light at times <b><u>Minimum temperatures:</u></b> Coast: 23 °C – 26°C Hinterland: 22 °C – 25 °C	Regions 1 to 10	 <i>No significant rainfall</i>	<b><u>Winds:</u></b> Breezy to windy <b><u>Maximum temperatures:</u></b> Coast: 32 °C – 35°C Hinterland: 32 °C – 36 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, April 20 to April 29, 2017 is 5.5 mm per day.



Infra-red Satellite image valid 16:45 UTC (12:45 hrs) Thursday April 20, 2017

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

Tonight (April 20,2017)		Tomorrow Morning (April 21, 2017)		Tomorrow Afternoon (April 21, 2017)	
High Tide 23:50hrs Height 2.36m		Low Tide 06:07hrs Height 1.30m		High Tide 12:22hrs Height 2.45m	
Sunrise		05:42hrs	Sunset	Low Tide 18:21hrs Height 1.00m	
				18:00hrs	

**Sea conditions:** *MODERATE SEAS WITH WAVES REACHING HEIGHTS OF 1.5 TO 2.5 METERS IN OPEN WATERS*

**Extended Forecast**

**Saturday thru Wednesday:** Partly cloudy and sunny skies with brief 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 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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