

# MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

**WEATHER BRIEF for Wednesday, September 06, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Wednesday September 06, 2017, were available for most of the stations.

**The highest rainfall of 70.1mm was recorded at Cane Grove Back E.C.D Region 4.**

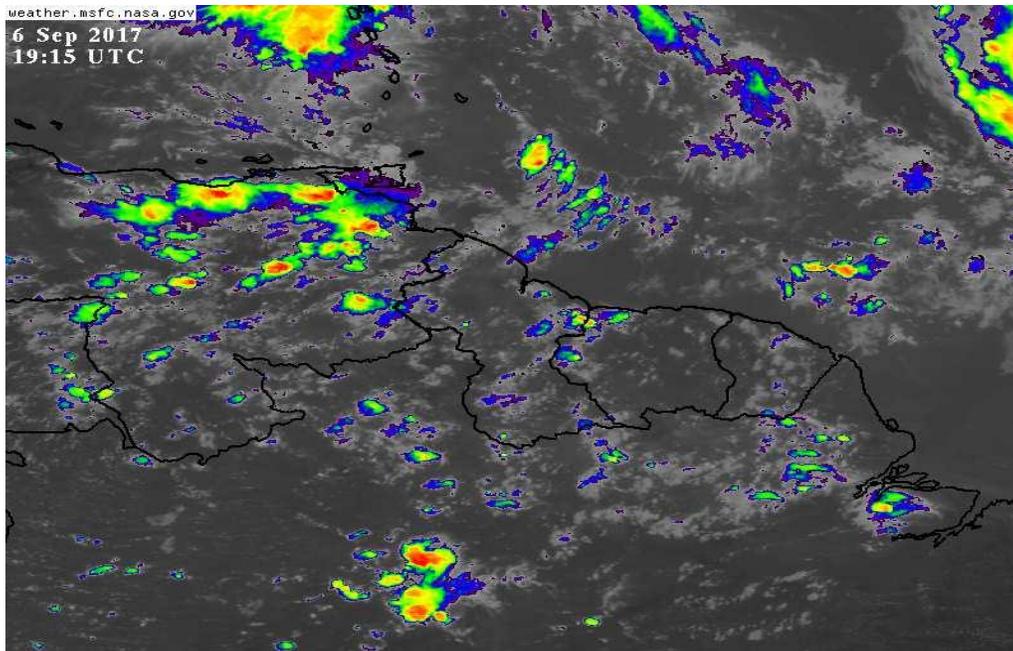
**Synopsis:** Surface To Mid-level trough is affecting Guyana. Model forecast shows that this pattern will continue for the next two days producing occasional showers and isolated thundershowers. Thereafter surface ridging will re-establish itself allowing fair weather conditions to be observed. Localise heating and topography will be responsible for any showers.

**Today's weather review:** Cloudy to overcast skies were observed throughout Guyana with scattered to occasional showers and isolated thundershowers.

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

Wednesday September 06, 2017 (19:00 hrs – 07:00 hrs)			Thursday September 07, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Cloudy skies will be observed throughout Guyana with scattered showers and possible isolated thundershowers.  <b>Winds:</b> Mostly breezy becoming calm at times  <b>Minimum temperatures:</b> Coast: 22 °C – 25°C Hinterland: 20 °C – 23 °C	Regions	Weather Conditions	Generally cloudy skies will continue becoming overcast at times with scattered showers and isolated afternoon thundershowers  <b>Winds:</b> mostly light becoming breezy at times  <b>Maximum temperatures:</b> Coast: 29 °C – 31°C Hinterland: 28 °C – 32 °C
Regions 1 to 10	 <b>Rainfall between: 0.0 mm to 25.0 mm.</b>		Regions 1 to 10	 <b>Rainfall between: 0.0 mm and 30.0 mm</b>	

The long-term daily average rainfall for Georgetown, for the next 10 days, September 06 to September 15, 2017 is 3.0 mm per day.



Infra-red Satellite image valid 19:15 UTC (15:15 hrs) Wednesday September 6, 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 SEPTEMBER 11, 2017.**

Tonight September 06,2017)	Tomorrow Morning (September 07, 2017)	Tomorrow Afternoon (September 07,2017)
Low Tide 22:21hrs Height 0.64m	<b>High Tide 04:37hrs</b> <b>Height 3.10m</b> <b>Above normal</b>  Low Tide 10:41hrs Height 0.35m	<b>High Tide 16:48hrs</b> <b>Height 3.09m</b> <b>Above normal</b>
Sunrise	05:43hrs	Sunset
		17:56hrs

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

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**Extended Forecast**

**Friday and Tuesday:** Cloudy to overcast skies with showers and scattered thundershowers during the morning period. Gradual improvement can be expected into the afternoon. **Rainfall is expected to range between 15.0 mm and 450.0 mm within a 24hrs period.**

**Saturday, Sunday and Monday:** Partly cloudy and sunny skies with scattered light to moderate showers can be expected throughout Guyana; inland and interior locations can expect isolated thundershowers during the afternoon. **Rainfall is expected to range between 10.0 mm and 20.0 mm within a 24hrs period.**

**Seasonal Information (UPDATED 10 August, 2017) – ENSO alert status: Not Active**

ENSO-neutral is favored (~85% chance during Jul-Sep, decreasing to ~55% during Dec-Feb) through the Northern Hemisphere winter 2017-18.

*According to the ENSO update issued on Thursday 10 August, 2017, by the Climate Prediction Centre, during July, ENSO-neutral continued, as equatorial sea surface temperatures (SSTs) were near average across most of the Pacific Ocean. The upper-ocean heat content anomaly was near average during Jul, reflecting below-average temperatures along the thermocline across the central and eastern Pacific overlain by slightly above-average temperatures. Tropical convection was near average over the eastern half of the Pacific and enhanced over the western Pacific and the Maritime Continent. The lower-level trade winds were slightly enhanced near the International dateline, and upper-level winds were near average over most of the tropical Pacific. Overall, the ocean and atmosphere system remains consistent with ENSO-neutral.*

*The majority of models favor ENSO-neutral through the remainder of 2017. These predictions, along with the demise of the recent Pacific warmth and continued near-average atmospheric conditions over the Pacific, lead forecasters to favor ENSO-neutral through to March 2018. However, some chance for El Niño (15-20%) or La Niña (25-30%) remains during December 2017 to March 2018. Also, ENSO-neutral conditions are predicted for the upcoming peak months (August-October) of the Atlantic hurricane season.*

*The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period August-September-October indicates that Guyana has equal probability of above-normal, normal and below normal. For a Regional forecast please see the Guyana's Seasonal Climate Outlook August-September-October produced by the Climatological section of the Hydrometeorological Service. Surface analysis shows that the Inter-tropical Convergence Zone (ITCZ) is currently oscillating mostly between 06 ° North to 10 ° north. Additionally, the tropical waves are now passing further north. These and other dynamic and thermodynamic features in the atmosphere indicate that Guyana is in the second dry season of the year. Considering the present conditions and forecast conditions, Guyana is likely to experience dry conditions during the next three months. Please note that the dry seasons is not a period of no rainfall, but a period significant reduction precipitation, hence, periods of heavy downpours are still likely.*

Update in the bulletin is provided daily by the Hydromet Service: [www.hydromet.gov.gy](http://www.hydromet.gov.gy)  
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