

# MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

**WEATHER BRIEF for Monday, September 04, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Monday September 04, 2017, were available for most of the stations.

**The highest rainfall of 62.2mm was recorded at Timehri Region 4.**

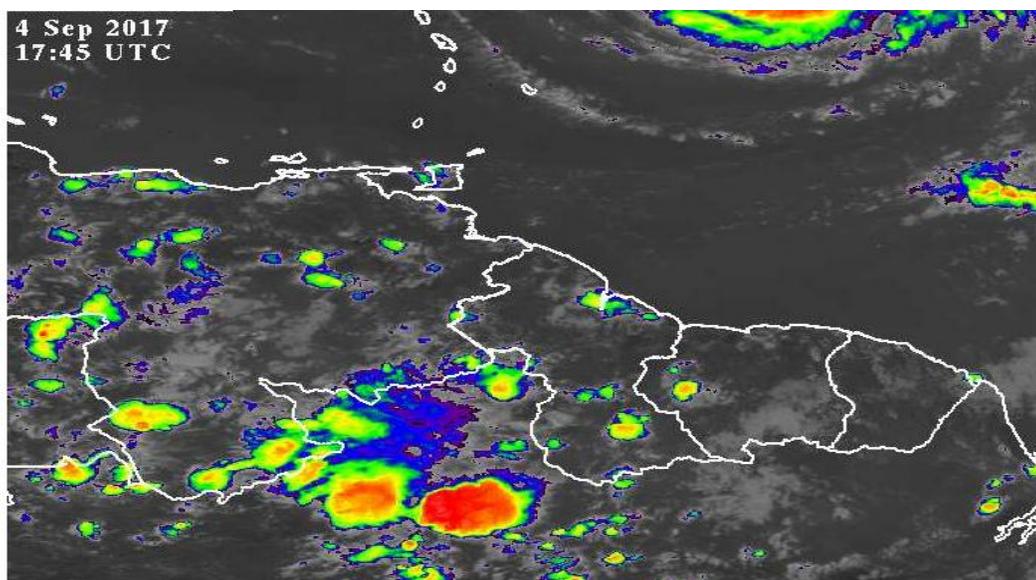
**Synopsis:** Weak unstable conditions are affecting Guyana. Model forecasts suggest that over the next few days, atmospheric moisture will increase significantly allowing widespread cloud development and showers.

**Today's weather review:** Apart from isolated thundershowers observed over some areas of Regions 4, generally sunny skies were dominant across Guyana.

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

Monday September 04, 2017 (19:00 hrs – 07:00 hrs)			Tuesday September 05, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	  <b>Rainfall between: 0.0 mm to 20.0 mm.</b>	<p><b>Increasing cloudiness during the early morning with scattered to occasional showers and possible isolated thunderstorms in coastal areas. All other areas will see mostly fair to occasionally cloudy skies and brief passing showers.</b></p> <p><b><u>Winds:</u></b> mostly light winds becoming gusty at times during and before showers.</p> <p><b><u>Minimum temperatures:</u></b> Coast: 22 °C – 24°C Hinterland: 20 °C – 22 °C</p>	Regions 1 to 10	  <b>Rainfall between: 0.0 mm and 35.0 mm</b>	<p>Cloudy to occasionally overcast skies with occasional showers and isolated afternoon thundershowers in coastal and inland areas. All other areas will see brief scattered showers.</p> <p><b><u>Winds:</u></b> Mostly light to at times breezy. Strong winds can be expected before and during heavy downpours.</p> <p><b><u>Maximum temperatures:</u></b> Coast: 28 °C – 30°C Hinterland: 28 °C – 31 °C</p>

The long-term daily average rainfall for Georgetown, for the next 10 days, September 04 to September 13, 2017 is 3.1 mm per day.



Infra-red Satellite image valid 17:45 UTC (13:45 hrs) Monday September 04, 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 MONDAY SEPTEMBER 11, 2017.**

Tonight September 04,2017)	Tomorrow Morning (September 05, 2017)	Tomorrow Afternoon (September 05,2017)
Low Tide 21:09hrs Height 0.86m	<b>High Tide 03:20hrs Height 2.96m Above normal</b>  Low Tide 09:30hrs Height 0.50m	<b>High Tide 15:41hrs Height 2.89m Above normal</b>
Sunrise	05:44hrs	Sunset
		17:57hrs

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

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***Extended Forecast***

***Wednesday and Thursday:*** Cloudy to overcast skies with moderate to heavy rain showers and isolated thundershowers can be expected across Guyana. Occasional wind gust can be expected before and during downpours. **Rainfall is expected to range between 25.0 mm and 80.0 mm, with highest expected in coastal locations within a 24hrs period.**

***Friday:*** Generally cloudy skies with occasional showers and isolated thunderstorms. **Rainfall is expected to range between 10.0 mm and 25.0 mm within a 24hrs period.**

***Saturday and Sunday:*** Generally sunny skies can be expected throughout Guyana, with isolated thundershowers in the afternoon in inland locations can expect isolated thundershowers during the afternoon. **Rainfall is expected to range between 0.0 mm and 15.0 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 in 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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