

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

***WEATHER BRIEF for Wednesday November 01, 2017 from the Hydrometeorological Service, Guyana***

Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday November 01, 2017, were available for most of the stations.

**The highest rainfall of 43.4 mm was recorded at Watooka in Region 10.**

**Synopsis:** A surface trough interacting with a mid to upper-level cyclonic center with accompanying trough is producing significant instability over the forecast area.

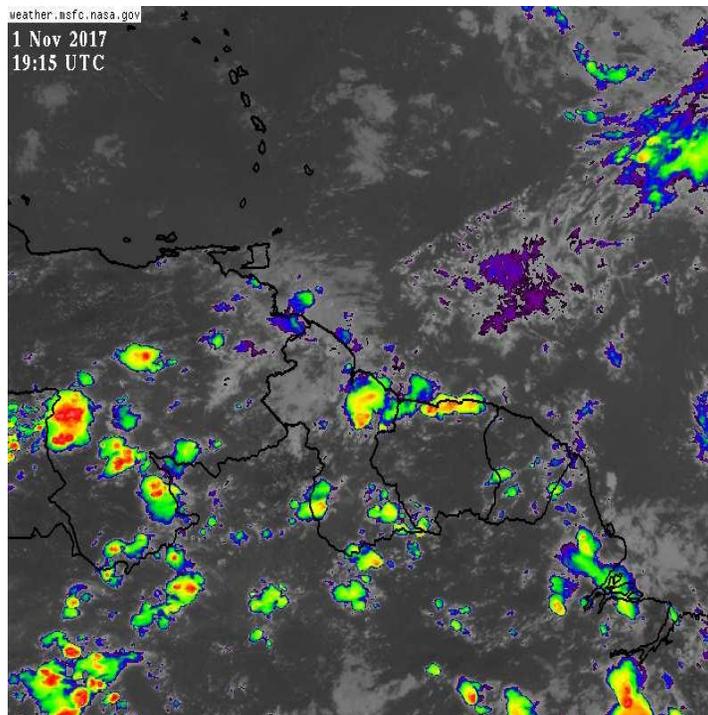
**Today's weather review:** Cloudy skies with showers and isolated thundershowers were experienced over most of Guyana today.

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

Wednesday November 01, 2017 (19:00 hrs – 07:00 hrs)			Thursday November 02, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Mostly cloudy skies are expected over Guyana during tonight. These conditions are expected to be accompanied by light to moderate showers with isolated thundershowers.	Regions	Weather Conditions	Cloudy to overcast skies are expected over Regions 1 to 7 and 10. Conditions are likely to be accompanied by intermittent rain, light showers and possible isolated thundershowers. Regions 8 and 9 may experience partly cloudy to cloudy skies with scattered light to moderate showers.
Regions 1 to 10	 <b>Rainfall between: 5.0 mm to 30.0 mm, with the maximum over northern Guyana.</b>	<b>Winds:</b> Varying directions between 1 m/s and 3 m/s. Strong winds are likely before and during heavy downpours.	Regions 1 to 7 and 10	 <b>Rainfall between: 10.0 mm and 30.0 mm</b>	<b>Winds:</b> Varying directions between 2 m/s and 6 m/s. Strong winds are likely before and during heavy downpours.
		<b>Minimum temperatures:</b> Coast: 20 °C – 25°C Hinterland: 18 °C – 22 °C			All other locations

The long-term daily average rainfall for Georgetown, for the next 10 days, November 01 to November 10, 2017 is 4.3 mm per day.

**Warnings:** *CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT UNTIL MONDAY THURSDAY 9 NOVEMBER, 2017. RESIDENTS OF LOW LYING, RIVERINE, AND FLOOD PRONE AREAS ARE ADVISED TO TAKE NECESSARY PRECAUTIONS AGAINST POSSIBLE FLOODING*



*Infra-red Satellite image valid 19:15 UTC (15:15hrs) Wednesday November 01, 2017*

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

Tonight November 1, 2017)	Tomorrow Morning (November 02, 2017)		Tomorrow Afternoon (November 02, 2017)
<b>Low Tide 20:10hrs</b> <b>Height 0.78m</b>	<b>High Tide 02:38hrs</b> <b>Height 2.91m</b>  <b>Above Normal</b>  <b>Low Tide 08:27hrs</b> <b>Height 0.59m</b>		<b>High Tide 14:36hrs</b> <b>Height 30.4m</b>  <b>Above Normal</b>
<i>Sunrise</i>	05:39 hrs	<i>Sunset</i>	17:31 hrs

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

***Extended Forecast***

***Friday thru' Tuesday:*** Mostly cloudy conditions, becoming occasionally overcast, are expected to prevail over Region 1 to 7 and 10 during this period. Conditions are likely to be accompanied by light showers, intermittent rain and isolated thundershowers. Twenty-four hours accumulated rainfall is forecast to range between **15 mm and 50 mm** with the maximum on Saturday. All other locations can expect partly cloudy to cloudy skies with scattered showers. Rainfall is forecast to range between **0 mm and 15 mm**.

***Seasonal Information (UPDATED 12 October, 2017) – La Niña Watch***

La Niña conditions are favored (~55-65%) during the Northern Hemisphere fall and winter (September to March) 2017-18.

***According to the ENSO update issued on Thursday 12 October, 2017, by the Climate Prediction Centre, during September, ENSO-neutral conditions were reflected in near-to-below average sea surface temperatures (SSTs) across most of the central and eastern Pacific Ocean. The sub-surface temperature anomalies were increasingly negative during September, reflecting the shallow depth of the thermocline across the central and eastern Pacific. Tropical convection was suppressed near the International Date Line and enhanced near Indonesia. Over the western equatorial Pacific Ocean, low-level trade winds were anomalously easterly and upper-level winds were anomalously westerly. Overall, the ocean and atmosphere system remains consistent with ENSO-neutral, although edging closer to La Niña conditions.***

***For the upcoming Northern Hemisphere fall and winter 2017-18, a weak La Niña is favoured, several models indicate a period of near-average Niño-3.4 values in the upcoming weeks, but then predict reinvigorated growth of negative SST anomalies across the equatorial Pacific Ocean. These forecasts are supported by the on-going easterly wind anomalies across portions of the Pacific Ocean and the reservoir of below-average subsurface temperatures.***

***The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period October-November-December indicates that Guyana can expect a 45% probability of above-normal, 35% normal and 20% below-normal. For a Regional forecast please see the Guyana's Seasonal Climate Outlook October-November-December 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 passing further north. These and other dynamic and thermodynamic features in the atmosphere indicate that Guyana is still in the second dry season of the year. Considering the present conditions and forecast conditions, Guyana is likely to experience moderately dry conditions during the next three months. Please note that the dry season is not a period of any rainfall, but a period significant reduction precipitation, hence, periods of heavy downpours is 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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