

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***



**WEATHER BRIEF for Monday April 02, 2018 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00hrs Monday April 2, 2018, were available for most of the stations. **The highest rainfall of 70.0 mm was recorded at No. 73 Village in Berbice, Region 6.**

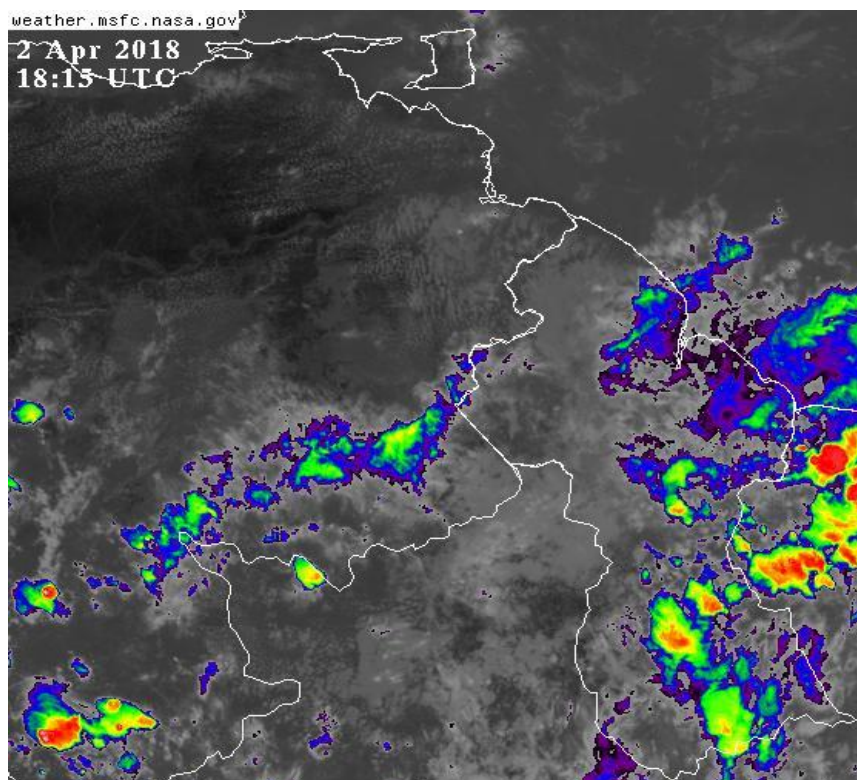
**Synopsis:** A low to mid-level trough is affecting Guyana.

**Today's weather review:** All Regions observed cloudy to overcast skies with frequent light to moderate showers, intermittent rain and isolated thundershowers.

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

Monday April 02, 2018 (19:00 hrs. – 07:00 hrs.)			Tuesday April 03, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <b>Rainfall between: 10.0 mm to 50.0 mm.</b>	<p>Cloudy skies with frequent light to moderate showers and intermittent rain can be expected throughout Guyana.</p> <p><b><u>Winds:</u></b> North-easterly to south-easterly between 2 m/s and 4 m/s. Strong winds can be expected before and during heavy downpours.</p> <p><b><u>Minimum temperatures:</u></b> Coast: 22 °C – 24°C Hinterland: 18 °C – 22 °C</p>	Regions 1 to 10	 <b>Rainfall between: 5.0 mm and 30.0 mm</b>	<p>Cloudy skies with light to moderate showers and intermittent rain can be expected throughout Guyana; conditions are likely to improve over coastal and some near inland locations during the afternoon.</p> <p><b><u>Winds:</u></b> North-easterly to south-easterly between 4 m/s and 8 m/s. Strong winds can be expected before and during heavy downpours.</p> <p><b><u>Maximum temperatures:</u></b> Coast: 27 °C – 29°C Hinterland: 27 °C – 31 °C</p>

The long-term daily average rainfall for Georgetown, for the next 10 days, April 2, 2018 to April 11, 2018 is 4.8 per day.



Infra-red Satellite image valid 18:15 UTC (14:15hrs) Monday April 02, 2018

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**Warnings: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT UNTIL WEDNESDAY APRIL 04, 2018. RESIDENTS OF LOW LYING, RIVERINE, AND FLOOD PRONE AREAS ARE ADVISED TO TAKE NECESSARY PRECAUTIONS AGAINST POSSIBLE FLOODING.**

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

Tonight(April 02 ,2018)		Tomorrow Morning(April 03, 2018)		Tomorrow Afternoon(April 03 ,2018)	
Low Tide 23:30hrs Height 0.66 m		High Tide 05:47hrs Height 2.98m		Low Tide 12:00hrs Height 0.44m	
				High Tide 18:02hrs Height 2.89m	
Sunrise	05:49 hrs	Sunset	18:00 hrs		

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

**Extended Forecast**

**Wednesday thru Sunday: Partly cloudy to cloudy skies with scattered light to moderate showers can be expected throughout Guyana; conditions are expected to improve over coastal areas during the afternoon. Rainfall is expected to range between 0.0 mm and 25.0 mm (0.0 in and 1.0 in) within a 24hrs period.**

**Seasonal Information (UPDATED March 8, 2018) – La Niña Advisory**

**A transition from La Niña to ENSO-neutral is most likely (~55% chance) during the March-May season, with neutral conditions likely to continue into the second half of the year.**

According to the ENSO update issued on Thursday March 8, 2018, by the Climate Prediction Centre, During February 2018, La Niña conditions weakened, but was still reflected by below-average sea surface temperatures (SSTs) in the east-central equatorial Pacific Ocean. Negative anomalies were maintained near the surface, the sub-surface temperature anomalies warmed to near zero. This warming was due to the eastward propagation of above-average temperatures along the thermocline in association with a down welling equatorial oceanic Kelvin wave. Most models in the IRI/CPC plume predict La Niña will decay and return to ENSO-neutral during the Northern Hemisphere spring 2018.

In summary, a transition from La Niña to ENSO-neutral is most likely (~55% chance) during the March-May season, with neutral conditions likely to continue into the second half of the year.

The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period March to May 2018 indicates that Guyana can expect a 50% probability of above-normal, 30% normal and 20% below-normal. For a Regional forecast please see the Guyana’s Seasonal Climate Outlook March-April-May 2018 produced by the Climatological section of the Hydrometeorological Service. Surface analysis shows that the Inter-Tropical Convergence Zone (ITCZ) is currently oscillating mostly between 03 ° South to 04 ° north. Based on the current and expected ENSO conditions and the CARICOF precipitation outlook, Guyana can expect above normal to normal rainfall during the next three (3) months.

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

Senior Meteorological Technician: L. Regis

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