



***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

**WEATHER BRIEF for Friday April 13, 2018 from the Hydrometeorological Service, Guyana. Rainfall records for the past 24 hours, measured at 08:00hrs Friday April 13, 2018, were available for most of the stations. Highest rainfall of 52.7 mm was recorded at Wakapoa Pomeroon River in Region 2.**

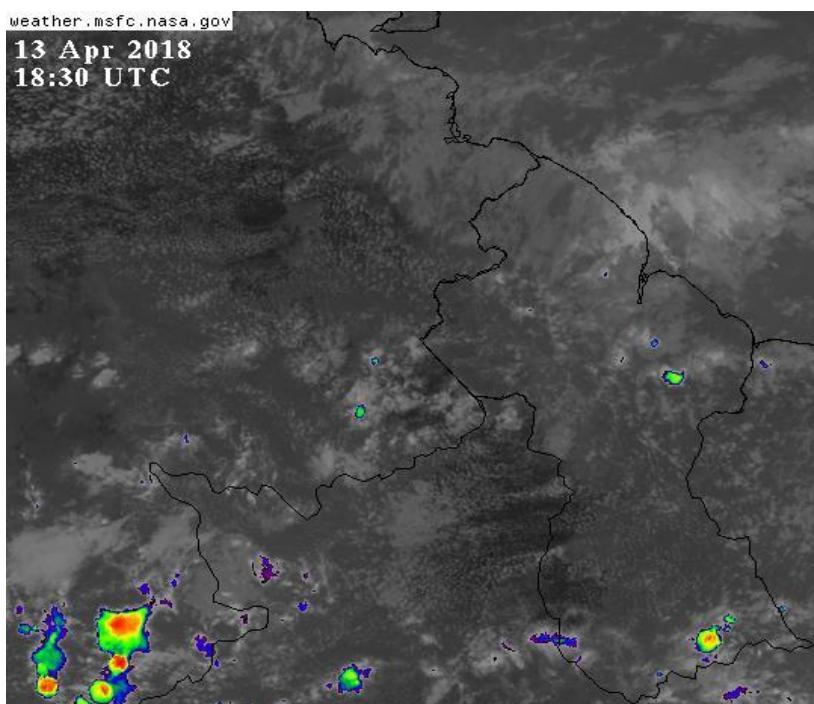
**Synopsis:** A low to mid-level trough is affecting Northern Guyana.

**Today's weather review:** Regions 1 to 7 and 10 observed mostly cloudy skies with frequent light to moderate showers and intermittent rain; other Regions observed partly cloudy and sunny skies with scattered showers.

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

Friday April 13, 2018 (19:00 hrs. – 07:00 hrs.)			Saturday April 14, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	  <b>Rainfall between: 0.0 mm to 25.0 mm.</b>	<p>Partly cloudy to cloudy skies with scattered light to moderate showers 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: 21 °C – 23 °C</p>	Regions 1 to 10	  <b>Rainfall between: 10.0 mm and 40.0 mm</b>	<p>Coastal and near inland locations can expect cloudy skies with light to moderate showers and intermittent rain, other locations can expect partly cloudy and sunny skies with scattered showers; conditions are expected to improve over coastal areas 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: 28 °C – 30°C Hinterland: 30 °C – 33 °C</p>

The long-term daily average rainfall for Georgetown, for the next 10 days, April 13, 2018 to April 22, 2018 is 5.1 per day.



**Infra-red Satellite image valid 18:30 UTC (14:30 hrs) Friday April 13, 2018**

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**Warnings: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT UNTIL FRIDAY APRIL 20, 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 13, 2018)	Tomorrow Morning(April 14, 2018)		Tomorrow Afternoon(April 14, 2018)
Low Tide 20:45hrs Height 0.69m	High Tide 02:53hrs Height 2.90m  Low Tide 09:07hrs Height 0.68m		High Tide 15:24hrs Height 2.95m
Sunrise	05:44 hrs	Sunset	17:59 hrs

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

**Extended Forecast**

**Sunday and Monday: Partly cloudy to cloudy skies with 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 5.0 mm and 40.0 mm (0.2 in and 1.6 in) within a 24hrs period.**

**Tuesday thru' Thursday: Partly cloudy and sunny skies with scattered showers can be expected throughout Guyana. Rainfall is expected to range between 0.0 mm and 20.0 mm (0.0 in and 0.8 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)

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