

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

**WEATHER BRIEF for Tuesday April 03 2018 from the Hydrometeorological Service, Guyana**






Rainfall records for the past 24 hours, measured at 08:00hrs Tuesday April 03 ,2018, were available for most of the stations.

**The Highest rainfall of 45.8 mm was recorded at Buxton Farm Land in Region 4.**

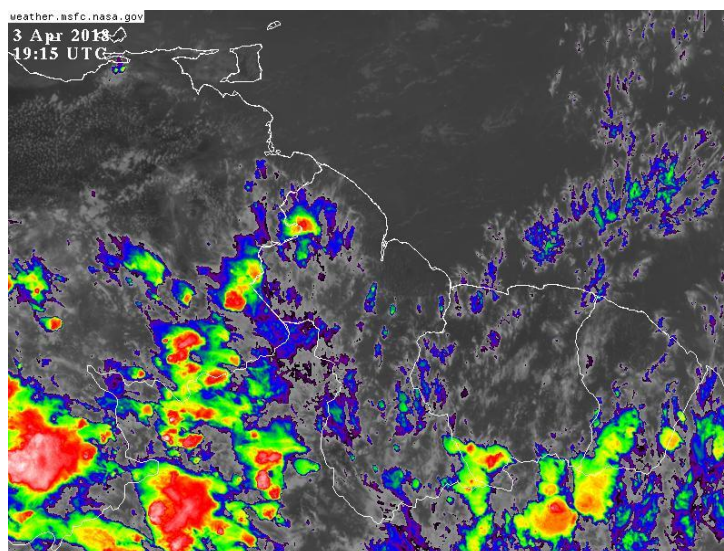
**Synopsis:** Weak instability from a trough that passed Guyana last night, affected the forecast area today.

**Today's weather review:** Regions 1 to 6 experienced cloudy skies with light to moderate showers during the morning hours. Conditions improved during the afternoon hours. All other locations experienced mostly cloudy skies with moderate showers frequent rain and thundershowers.

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

Tuesday April 03, 2018 (19:00 hrs. – 07:00 hrs.)			Wednesday April 04, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 6	 <b>Rainfall between: 0.0 mm to 10.0 mm.</b>	Coastal locations may experience partly cloudy skies becoming cloudy during the early morning hours. Isolated showers may be observed over some locations. All other regions can expect mostly cloudy skies with scattered showers and possible isolated thundershowers.  <u>Winds:</u> Northeasterly between 1 m/s and 4 m/s.	Regions 1 to 6	 <b>Rainfall between: 0.0 mm and 10.0 mm</b>	Partly cloudy to cloudy skies with scattered showers are likely along the coast during the morning. Conditions are likely to improve as the day progresses. Cloudy to overcast skies with isolated thundershowers and frequent rain are expected to prevail over southern regions 6 and 9. All other areas can expect cloudy skies becoming occasionally overcast during the afternoon hours. Light to moderate showers and intermittent rain may be experienced during the morning and possible isolated thundershower during the afternoon hours.
All other locations	 <b>Rainfall between: 10.0 mm to 25.0 mm.</b>	<u>Minimum temperatures:</u>  Coast: 22 °C – 25°C  Hinterland: 18 °C – 20 °C	Southern regions 6 and 9	 <b>Rainfall between: 10. 15 mm and 35.0 mm</b>	<u>Winds:</u> Northeasterly to easterly between 3 m/s and 7 m/s.
			All other locations	 <b>Rainfall between: 10 mm and 25.0 mm</b>	<u>Maximum temperatures:</u>  Coast: 30 °C – 33°C  Hinterland: 28 °C – 33°C

The long-term daily average rainfall for Georgetown, for the next 10 days, April 03, 2018 to April 12, 2018 is 4.9 per day.



**Infra-red Satellite image valid 19:15 UTC (15:15hrs) Tuesday April 03, 2018**

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

**Warnings:** *Above normal high tide advisory is in effect.*

Tonight(April 3 ,2018)	Tomorrow Morning(April 4, 2018)		Tomorrow Afternoon(April 4 ,2018)
<b>Low Tide 23:21hrs</b> <b>Height 0.41m</b>	<b>High Tide 05:45hrs</b> <b>Height 3.14m</b>  <b>ABOVE NORAML</b>  <b>Low Tide 11:42hrs</b> <b>Height 0.34m</b>		<b>High Tide 17:47hrs</b> <b>Height 3.11m</b>  <b>ABOVE NORMAL</b>
<b>Sunrise</b>	<b>05:48hrs</b>	<b>Sunset</b>	<b>18:00hrs</b>

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

**Extended Forecast**

**Thursday and Friday:** Partly cloudy skies with brief morning showers are likely over coastal locations. Rainfall is expected to range between **0 mm and 10 mm**. Cloudy to overcast skies with isolated thundershowers and frequent rain are expected to prevail over southern regions 6 and 9. Rainfall is forecast to range between **30 mm and 60 mm**. All other areas can expect cloudy skies becoming occasionally overcast during the afternoon hours. Light to moderate showers and intermittent rain may be experienced during the morning and possible isolated thundershower during the afternoon hours. Between **20 mm and 40 mm** rainfall is likely.

**Saturday thru' Monday:** Mostly cloudy skies with light to moderate showers are likely over coastal locations. Isolated heavy showers may be observed on Saturday. Rainfall is likely to range between **10 mm and 45 mm**, with the maximum on Saturday. All other locations may observe cloudy to overcast skies with frequent rain and isolated thundershowers. Between **25 mm and 70 mm** rainfall is likely.

**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)

Meteorologist: L. Alves

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