

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Wednesday April 11, 2018 from the Hydrometeorological Service, Guyana.

*Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday April 11, 2018, were available for most of the stations. **Highest rainfall of 11.1 mm was recorded at Bush Lot in Region 5.***

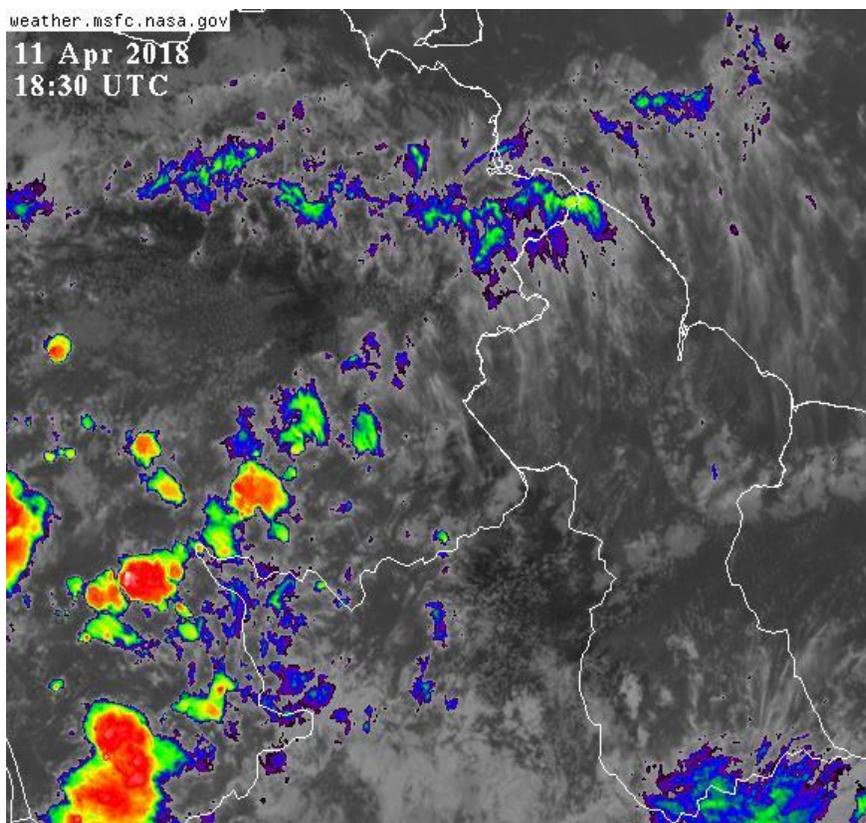
Synopsis: *A ridge of high pressure is the dominant feature.*

Today's weather review: *All Regions observed partly cloudy and sunny skies; some inland locations observed scattered showers during the afternoon.*

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

Wednesday April 11, 2018 (19:00 hrs. – 07:00 hrs.)			Thursday April 12, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 0.0 mm to 10.0 mm.	<i>Fair to partly cloudy skies can be expected throughout Guyana; some areas can expect isolated showers.</i> <u>Winds:</u> Mostly light becoming windy at times <u>Minimum temperatures:</u> Coast: 22 °C – 24°C Hinterland: 21 °C – 23 °C	Regions 1 to 10	 Rainfall between: 0.0 mm and 15.0 mm	<i>Partly cloudy and sunny skies can be expected throughout Guyana; some areas can expect periods of cloudiness with scattered showers.</i> <u>Winds:</u> Mostly breezy <u>Maximum temperatures:</u> Coast: 30 °C – 32°C Hinterland: 31 °C – 33 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, April 11, 2018 to April 20, 2018 is 5.2 mm per day.



Infra-red Satellite image valid 18:30 UTC (14:30 hrs) Wednesday April 11, 2018

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Warnings: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS NOT IN EFFECT. THE NEXT PERIOD WILL BEGIN FRIDAY APRIL 13, 2018.

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

Tonight(April 11,2018)		Tomorrow Morning(April 12 2018)		Tomorrow Afternoon(April 12 ,2018)	
Low Tide 19:28 hrs Height 0.94 m		High Tide 01:47 hrs Height 2.58 m Low Tide 07:59 hrs Height 1.00 m		High Tide 14:06 hrs Height 2.69 m	
Sunrise	05:44 hrs	Sunset	18:00 hrs		

Sea conditions: MODERATE TO ROUGH SEAS WITH WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS

Extended Forecast

Friday and Saturday: 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 0.0 mm and 30.0 mm (0.0 in and 1.2 in) within a 24hrs period.

Sunday: Cloudy to overcast skies with frequent moderate to heavy showers, light intermittent rain and possible isolated thundershowers can be expected throughout Guyana; conditions are expected to improve over coastal areas during the late afternoon. Rainfall is expected to range between 10.0 mm and 50.0 mm (0.4 in and 2.0 in) within a 24hrs period.

Monday and Tuesday: 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

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