

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Thursday May 03, 2018 from the Hydrometeorological Service, Guyana

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

Highest rainfall of 24.6mm was recorded at Boerasirie W.C.D in Region 3.

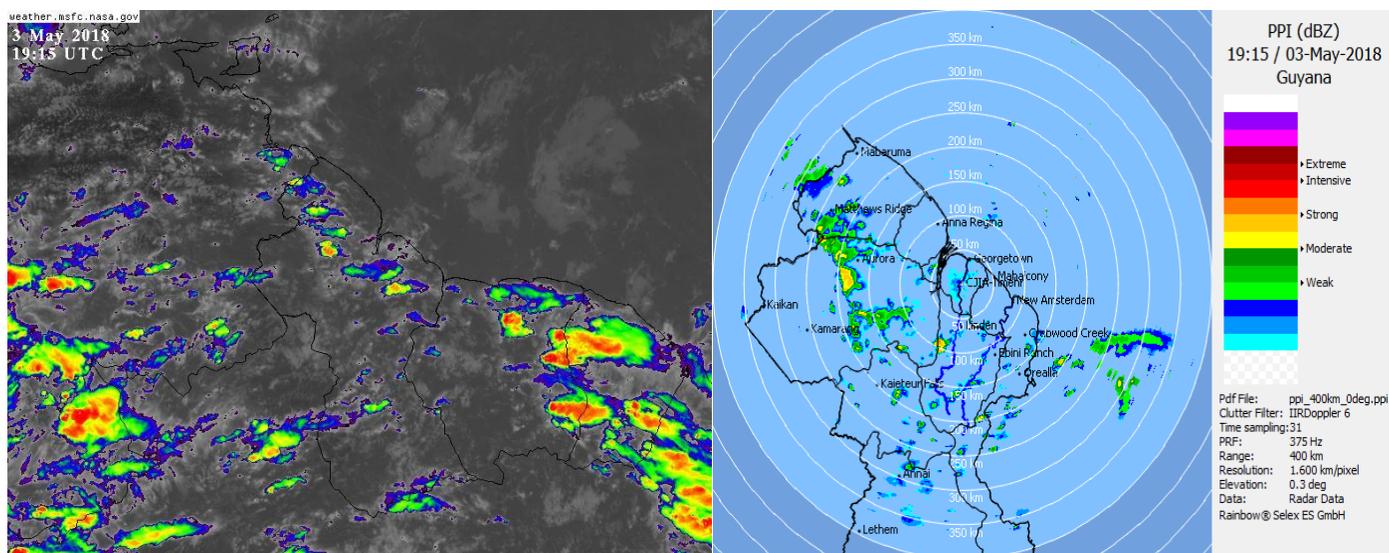
Synopsis: Deep moistures, local conditions and confluencing in the trades produced some instability over the forecast area today.

Today's weather review: Partly cloudy to cloudy skies and scattered showers were experienced over coastal regions. All other regions saw mostly cloudy skies with light showers during the morning and isolated heavy showers during the afternoon.

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

Thursday May 03, 2018 (19:00 hrs. – 07:00 hrs.)			Friday May 04, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 6	 Rainfall between: 0.0 mm to 10.0 mm.	Coastal locations can expect partly cloudy skies becoming cloudy with light to moderate showers as the night progresses. All other locations can expect mostly cloudy skies with scattered showers and isolated thundershowers.	Regions 1 to 6	 Rainfall between: 5.0 mm and 10.0 mm	Coastal regions may experience cloudy skies with light to moderate showers, predominantly during the morning hours. Mostly cloudy skies are likely over all other regions. Light to moderate showers are expected during the morning and isolated thundershowers during the afternoon.
All other areas	 Rainfall between: 15.0 mm and 40.0 mm	<u>Winds:</u> Varying directions between 2 m/s and 4 m/s, becoming gusty at times. <u>Minimum temperatures:</u> Coast: 22 °C – 24°C Hinterland: 16 °C – 21 °C	All other regions	 Rainfall between: 10.0 mm and 30.0 mm	<u>Winds:</u> North-eastern to south-eastern between 3 m/s and 6 m/s. <u>Maximum temperatures:</u> Coast: 30 °C – 32°C Hinterland: 26 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, May 03, 2018 to May 12, 2018 is 7.4 per day.



Infra-red Satellite and radar images valid 19:15 UTC (15:15hrs) Thursday May 03, 2018

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

Warnings:

Tonight(May 03, 2018)	Tomorrow Morning(May 04, 2018)	Tomorrow Afternoon(May 04, 2018)
- - -	<p style="text-align: center;">Low Tide 00:11hrs Height 1.02m</p> <p style="text-align: center;">High Tide 06:21hrs Height 2.65m</p>	<p style="text-align: center;">Low Tide 12:55hrs Height 0.75m</p> <p style="text-align: center;">High Tide 18:54hrs Height 2.54m</p>
<i>Sunrise</i>	<i>05:37hrs</i>	<i>Sunset</i>
		<i>18:00hrs</i>

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

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Extended Forecast

Saturday thru' Monday: Partly cloudy skies becoming occasionally cloudy with scattered light to moderate showers are expected over coastal locations. Between **0 mm and 15 mm** rainfall is likely to accumulate during twenty-four hours. Mostly cloudy skies and scattered light to moderate showers are likely over all other locations. Between **10 mm and 35 mm** rainfall is likely.

Tuesday and Wednesday: Cloudy to overcast skies are likely throughout Guyana. Coastal locations are expected experience light to moderate showers and intermittent rain. Rainfall is forecast to range between **15 mm and 30 mm**. All other locations may experience predominantly moderate showers and isolated thundershowers. Rainfall is forecast to range between **25 mm and 60 mm**.

Seasonal Information (UPDATED April 12, 2018) – La Niña Advisory

La Niña is expected to transition to ENSO-neutral during April-May, with ENSO-neutral then likely (greater than 50% chance) to continue through the Northern Hemisphere summer 2018.

According to the ENSO update issued on Thursday April 12, 2018, by the Climate Prediction Centre, During March 2018, La Niña continued to weaken, but was still reflected by below-average sea surface temperatures (SSTs) across the east-central and eastern equatorial Pacific Ocean.

While negative anomalies were weakening near the surface, the sub-surface temperature anomalies warmed due to the eastward propagation of a downwelling equatorial oceanic Kelvin wave.

Low-level wind anomalies were easterly over the east-central Pacific, and westerly over the far western Pacific. At upper-levels, winds were anomalously westerly over the eastern Pacific. Overall, the ocean and atmosphere system remained consistent with a weak La Niña. Most models in the IRI/CPC plume predict La Niña will decay and return to ENSO-neutral during the current March-May season. The forecaster consensus similarly favours a transition to neutral, with a continuation of ENSO-neutral conditions through the summer 2018. Thereafter, there is considerable forecast uncertainty, in part due to the lower prediction skill for forecasts made at this time of year. In summary, La Niña is expected to transition to ENSO-neutral during April-May, with ENSO-neutral then likely (greater than 50% chance) to continue through the Northern Hemisphere summer 2018

For a Regional forecast please see the Guyana's Seasonal Climate Outlook April-May-June 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

Meteorologist: L. Alves

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