

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Thursday April 05 2018 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Thursday April 05 ,2018, were available for most of the stations.

No significant rainfall was recorded.

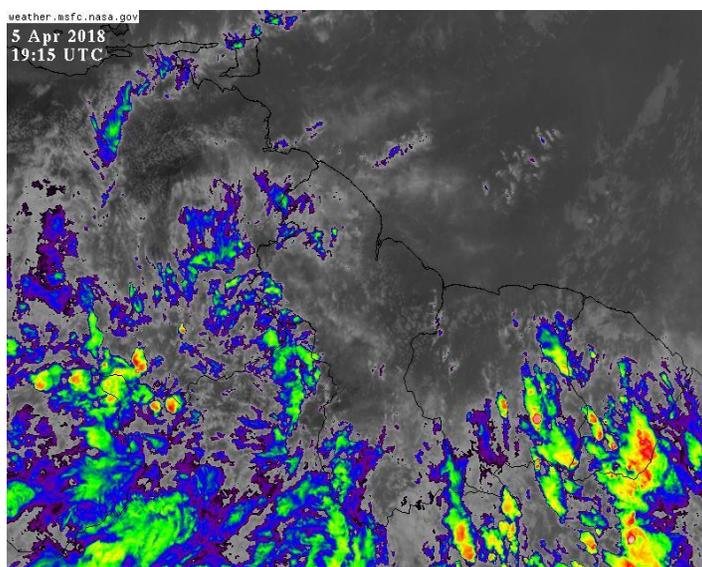
Synopsis: *Ridging and an active Sahara Air Layer were the dominant features over the forecast area.*

Today's weather review: *Partly cloudy skies were experienced along the coast. All other areas observed partly cloudy to cloudy skies and isolated showers.*

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

Thursday April 05, 2018 (19:00 hrs. – 07:00 hrs.)			Friday April 06, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 0.0 mm to 5.0 mm.	Partly cloudy skies are likely throughout Guyana tonight. Brief isolated showers are also likely. <u>Winds:</u> North-easterly between 1 m/s to 3 m/s. <u>Minimum temperatures:</u> Coast: 22 °C – 25 °C Hinterland: 18 °C – 21 °C	Regions 1 to 10	 Rainfall between: 0.0 mm and 10.0 mm along the coast and 10 mm and 20 mm elsewhere	Partly cloudy and to cloudy with scattered showers are likely throughout Guyana. Conditions are expected to improve along the coast during the afternoon hours. <u>Winds:</u> North-easterly between 3 m/s to 6 m/s. <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 05, 2018 to April 14, 2018 is 5.0 per day.



Infra-red Satellite image valid 19:15 UTC (15:15hrs) Thursday April 05, 2018

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 is NOT in effect.*

Tonight(April 5 ,2018)	Tomorrow Morning(April 6, 2018)		Tomorrow Afternoon(April 6 ,2018)
High Tide 19:19hrs Height 2.55m	Low Tide 01:12hrs Height 1.16m	High Tide 07:30hrs Height 2.46m	Low Tide 14:12hrs Height 0.94m
Sunrise	05:47hrs	Sunset	18:00hrs

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

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Extended Forecast

Saturday thru' Wednesday: Cloudy skies with scattered showers are expected throughout Guyana during this period. Coastal locations may experience episodes of fair weather during the afternoon hours. Rainfall is likely to range between **0 mm and 15 mm**. All other locations may observe spells of overcast skies and isolated thundershowers during the afternoon and early evening hours. Rainfall is forecast to range between **10 mm and 50 mm**.

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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