

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Friday April 06 2018 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Friday April 06,2018, were available for most of the stations.

No significant rainfall was recorded.

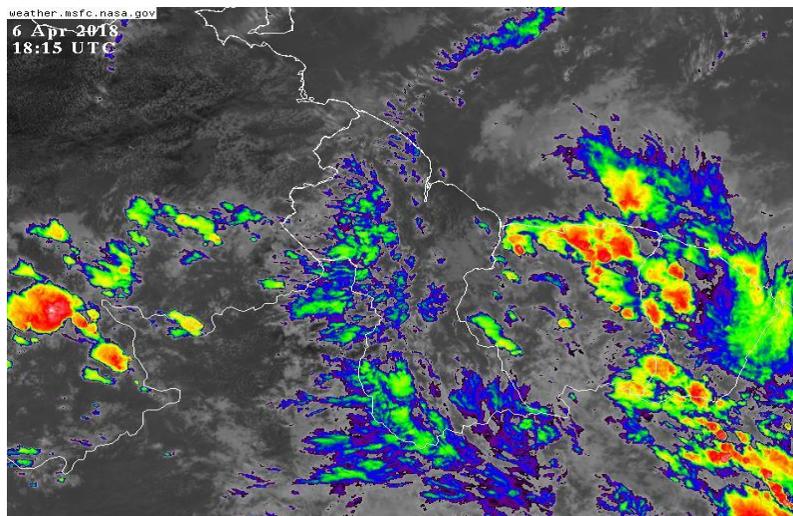
Synopsis: Ridge of high pressure is the dominant feature. Model forecast shows a trough will move into the areas over the next 24 hours bringing deep atmospheric moisture promoting showery activities. Thereafter a train of the high moisture surges will continue over the next week bringing more rainfall events.

Today's weather review: Cloudy skies were observed for most of Guyana with scattered showers, however coastal areas saw an improvement into the early afternoon allowing fair and sunny skies to be observed.

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

Friday April 06, 2018 (19:00 hrs. – 07:00 hrs.)			Saturday April 07, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <p>Rainfall between: 0.0 mm to 20.0 mm in Regions 1 to 4 and 7 and between 25.0 mm to 60.0 mm elsewhere.</p>	<p>Cloudy skies with scattered showers can be expected in Regions 1 to 4 and 7. All other areas will see mostly overcast skies with occasional to frequent moderate to heavy rain showers and isolated thunderstorms.</p> <p>Winds: Mostly breezy</p> <p>Minimum temperatures: Coast: 22 °C – 24°C Hinterland: 21 °C – 23 °C</p>	Regions 1 to 10	 <p>Rainfall between: 25.0 mm to 50.0 mm</p>	<p>Cloudy to overcast skies with occasional to frequent light to moderate and at times heavy rain showers.</p> <p>Winds: Mostly breezy to windy at times before and during showers</p> <p>Maximum temperatures: Coast: 27 °C – 29°C Hinterland: 28 °C – 30 °C</p>

The long-term daily average rainfall for Georgetown, for the next 10 days, April 06, 2018 to April 15, 2018 is 5.0 per day.



Infra-red Satellite image valid 19:15 UTC (15:15hrs) Friday April 06, 2018

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

Tonight(April 6 ,2018)	Tomorrow Morning(April 7, 2018)		Tomorrow Afternoon(April 7 ,2018)
High Tide 20:03 Height 2.37	Low Tide 01:57hrs Height 1.34m	High Tide 08:30hrs Height 2.29m	Low Tide 15:12hrs Height 1.09m
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

Sunday thru Wednesday, mostly overcast skies with frequent moderate to at times heavy showers and isolated thundershowers. **Rainfall in Regions 6, and 8 to 10 is expected between 40.0 mm to 70.0 mm within 24 hours' period. All other areas rainfall values are anticipated between 10.0 mm to 45.0 mm.**

Thursday, cloudy skies with scattered to occasional showers can be expected throughout Guyana. **Rainfall is expected between 0.0 mm to 30.0 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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