

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

**WEATHER BRIEF for Tuesday April 10 2018 from the Hydrometeorological Service, Guyana**





Rainfall records for the past 24 hours, measured at 08:00hrs Tuesday April 10, 2018, were available for most of the stations.

**Highest rainfall of 33.7mm was recorded at Crabwood Creek in Region 6.**

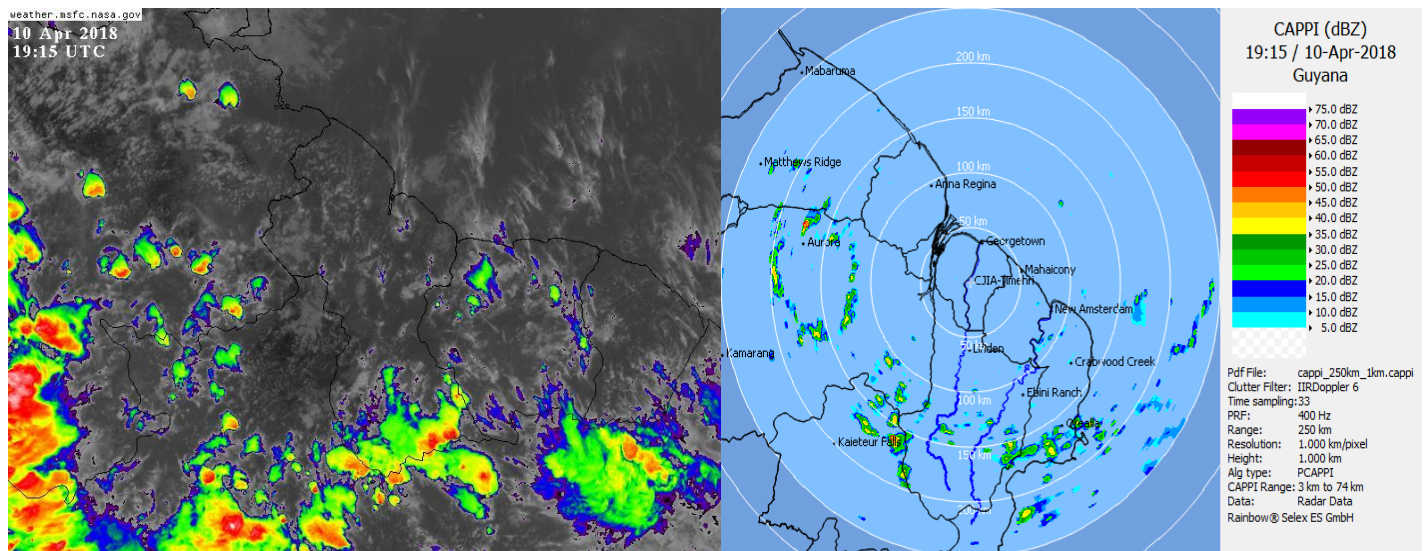
**Synopsis:** Ridging was the dominant feature along the coast. All other locations experienced instability due to localized conditions.

**Today's weather review:** Partly cloudy and sunny skies were experienced throughout coastal locations. All other locations experienced cloudy skies with showers and isolated thundershowers.

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

| Tuesday April 10, 2018 (19:00 hrs. – 07:00 hrs.) |   |  | Wednesday April 11, 2018 (07:00 hrs. – 19:00 hrs.) |  |  |
|--|---|--|--|--|--|
| Regions  | Weather Conditions  |  | Regions  | Weather Conditions   |  |
| Regions 1 to 6                                   | <br><b>Rainfall between: 0.0 mm to 5.0 mm.</b>     | Generally fair weather is likely along coastal location. A few locations may experience isolated showers during the early morning hours. All other areas can expect cloudy skies with light to moderate showers. Some locations may also experience isolated thundershowers.<br><br><u>Winds:</u> Northeasterly between 1 m/s and 3 m/s, becoming during thundershowers.<br><br><u>Minimum temperatures:</u><br><br>Coast: 22 °C – 25°C<br><br>Hinterland: 20 °C – 22 °C | Regions 1 to 10                                    | <br><b>Rainfall between: 0.0 mm to 5.0 mm.</b>     | Partly cloudy becoming occasionally cloudy with isolated showers are likely along the coast during the morning hours. Generally fair weather is likely as the day progresses. Mostly cloudy skies are expected with light to moderate showers. Isolated thundershowers are also likely over parts of regions 7 to 9.<br><br><u>Winds:</u> Northeasterly between 3 m/s and 7 m/s, becoming during thundershowers.<br><br><u>Maximum temperatures:</u><br><br>Coast: 30 °C – 33°C<br><br>Hinterland: 29 °C – 35 °C |
| All other regions                                | <br><b>Rainfall between: 15.0 mm to 35.0 mm.</b> |  | All other regions                                  | <br><b>Rainfall between: 10.0 mm to 25.0 mm.</b> |  |

The long-term daily average rainfall for Georgetown, for the next 10 days, April 10, 2018 to April 19, 2018 is 5.0 per day.



**Infra-red Satellite and radar images valid 19:15 UTC (15:15hrs) Tuesday April 10, 2018**

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

**Warnings:**

| Tonight(April 10 ,2018) | Tomorrow Morning(April 11 2018)   | Tomorrow Afternoon(April 11 ,2018)         |
|-------------------------|---|--|
| ---                     | <b>High Tide 01:08hrs<br/>Height 2.41m</b><br><br><b>Low Tide 07:21hrs<br/>Height 1.18m</b> | <b>High Tide 13:24hrs<br/>Height 2.54m</b> |
| <b>Sunrise</b>          | <b>05:45hrs</b>   | <b>Sunset</b>                              |
|                         |   | <b>18:00hrs</b>                            |

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

**Extended Forecast**

***Thursday, Friday and Monday:*** Partly cloudy skies becoming occasionally cloudy with isolated showers are expected over regions 1 to 7. Rainfall is likely to range between **0 mm and 15 mm** with the maximum over region 7. All other areas may experience mostly cloudy skies with scattered showers. Southern regions 6 and 9 may also experience isolated thundershowers. Rainfall is forecast to range between **10 mm and 45 mm** with the maximum over locations with thundershowers.

***Saturday and Sunday:*** Mostly cloudy skies becoming occasionally overcast with frequent rain and light to moderate showers are expected over regions 3 to 10. Parts of regions 6 to 10 can also expect isolated thundershowers. Rainfall is likely to range between **15 mm and 50 mm** with the maximum on Sunday. Regions 1 and 2 can expect partly cloudy to cloudy skies with scattered showers and intermittent rain. Between **5 mm and 15 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)

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