

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

**WEATHER BRIEF for Tuesday February 06, 2018 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00hrs Tuesday February 06, 2018, were available for most of the stations. The highest rainfall of 15.5mm was recorded at Better Hope Essequibo in region 2.

**Synopsis:** Strong trades and shallow moisture provided some unstable conditions over the forecast area. However, the Saharan Air Layer is still active and is inhibiting the formation of deep convective clouds.

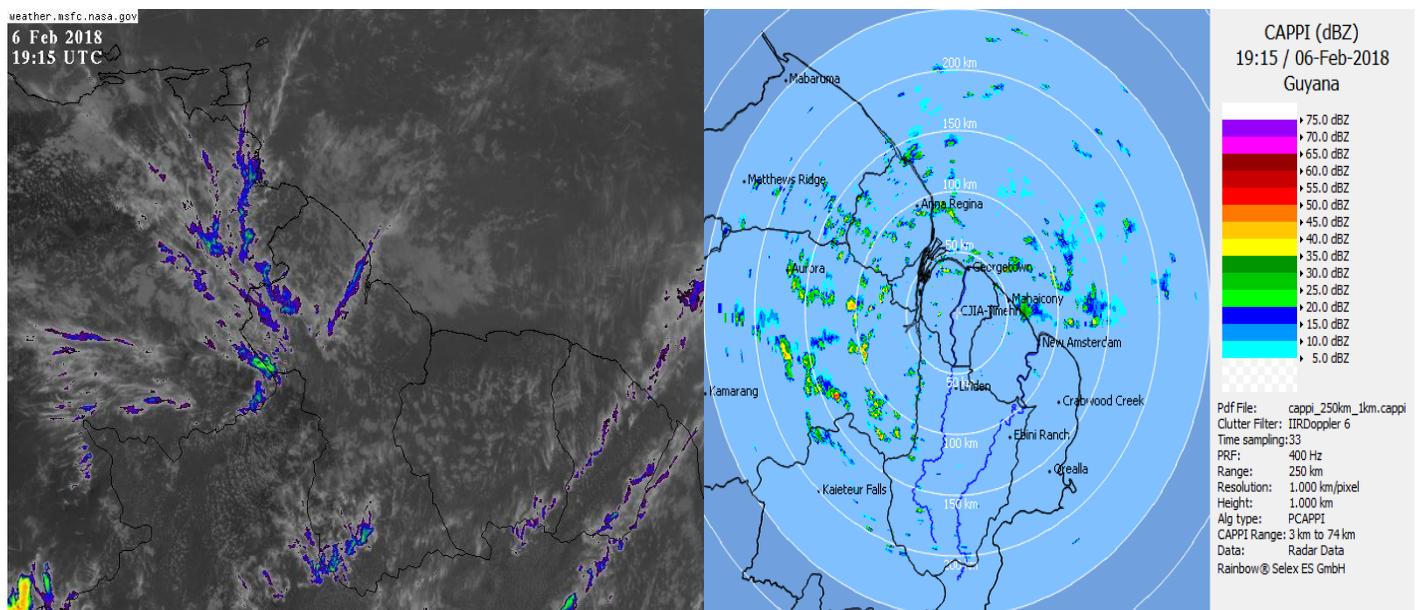
**Today's weather review:** Partly cloudy skies becoming occasionally cloudy were observed throughout Guyana today. Some areas also experienced light to moderate showers.

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

Tuesday February 06, 2018 (19:00 hrs. – 07:00 hrs.)			Wednesday February 07, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 6	 <b>Rainfall between: 5.0 mm to 20.0 mm.</b>	Partly cloudy skies are expected along the coast during the early evening hours. Conditions are expected to become mostly cloudy with light to moderate showers during the morning hours. All other areas can partly cloudy skies becoming occasionally cloudy with scattered showers.  <u>Winds:</u> Northerly between 3 m/s and 5 m/s.  <u>Minimum temperatures:</u> Coast: 22 °C – 25 °C Hinterland: 17 °C – 22 °C	Regions 1 to 8	 <b>Rainfall between: 5.0 mm and 20.0 mm</b>	Mostly cloudy skies with light to moderate showers are expected along the coast. All other locations may experience partly cloudy skies becoming occasionally cloudy with light showers.  <u>Winds:</u> Northerly to easterly between 4 m/s to 9 m/s.  <u>Maximum temperatures:</u> Coast: 29 °C – 32°C Hinterland: 30 °C – 35 °C
All other locations	 <b>Rainfall between: 0.0 mm to 10.0 mm.</b>		All other locations	 <b>Rainfall between: 5.0 mm and 15.0 mm</b>	

The long-term daily average rainfall for Georgetown, for the next 10 days, February 06, 2018 to February 15, 2018 is 4.0 per day.

**Warnings:** *NIL*



**Infra-red Satellite and Radar images valid 19:15 UTC (15:15hrs) Tuesday 06 February, 2018**

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

Tonight (February 06, 2018)	Tomorrow Morning (February 07, 2018)		Tomorrow Afternoon (February 07, 2018)
-----	Low Tide 01:09hrs Height 0.94m  High Tide 07:33hrs Height 2.64m		Low Tide 13:57hrs Height 0.80m
<i>Sunrise</i>	<i>06:09hrs</i>	<i>Sunset</i>	<i>17:01hrs</i>

**Sea conditions:** *MODERATE TO ROUGH SEAS WITH WAVES REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS*

**Extended Forecast**

**Thursday and Friday:** Partly cloudy skies becoming occasionally cloudy with light to moderate showers are expected throughout Guyana during this period. Between *5 mm and 25 mm* rainfall is expected.

**Saturday thru' Monday:** Cloudy to overcast skies with frequent rain and light to moderate showers are likely throughout Guyana during this period. Coastal locations may also experience isolated thundershowers. Rainfall is likely to range between *15 mm and 50 mm* with the maximum along the coast.

**Seasonal Information (UPDATED 11 January, 2018) – La Niña Advisory**

***La Niña is likely exceeding ~80% through the Northern Hemisphere winter (December – February) 2017-18, with a transition to ENSO-neutral most likely during the mid-to-late spring (March to May).***

**According to the ENSO update issued on Thursday 11 January, 2018, by the Climate Prediction Centre, La Niña continued during December, as indicated by the pattern of below-average sea surface temperatures (SSTs) across the central and eastern equatorial Pacific Ocean. Negative sub-surface temperature anomalies in the central and east central equatorial Pacific weakened at the end of December as anomalously warm waters in the western Pacific at depths greater than 100 m propagated eastward. The atmospheric conditions over the tropical Pacific Ocean also reflected La Niña, with suppressed convection near and east of the International Date Line and enhanced convection to the north of Indonesia. Also, the low-level trade winds continued to be stronger than average over the western and central Pacific. Overall, the ocean and atmosphere system remained consistent with La Niña.**

**Based on most of the forecast models and observations La Niña will persist through the Northern Hemisphere winter 2017-18. Based on the latest observations and forecast guidance, forecasters believe this weak-to-moderate La Niña is currently peaking and will eventually weaken into the spring.**

**The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period January-February-March 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 January-February-March 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 01 ° South to 06 ° north. Additionally, surface troughs are passing further north. These and other dynamic and thermodynamic features in the atmosphere indicate that Guyana is still in its secondary rainy season. 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)

Meteorologist: L.Alves

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