

**MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE**

**WEATHER BRIEF for Friday May 11, 2018 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00hrs Friday May 11, 2018, were available for most of the stations.

**Highest rainfall of 68.4mm was recorded at Fort Island Essequibo in Region 3.**

**Synopsis:** A mid-level atmospheric trough and deep moisture produced moderate unstable conditions throughout the forecast area. These conditions are likely to continue over the week-end.

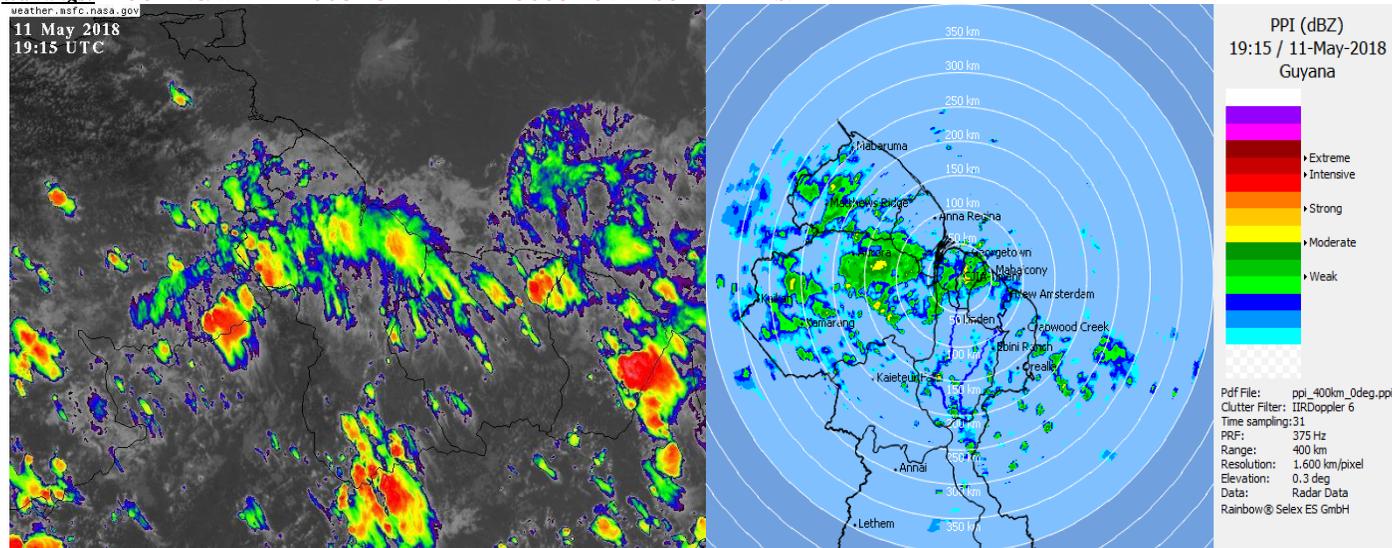
**Today's weather review:** Cloudy to overcast skies were observed throughout Guyana. Showers of varying intensities, frequent rain were also observed throughout the forecast area.

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

Friday May 11, 2018 (19:00 hrs. – 07:00 hrs.)			Saturday May 12, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions	Cloudy to overcast skies are expected to continue throughout Guyana tonight. Frequent to continuous rain and light to moderate showers are expected along the coast. Showers may become intense during the early morning hours. All other areas may experience mostly moderate showers and frequent rain. Thundershowers may also occur over Region 9.	Regions	Weather Conditions	Cloudy to overcast are likely to continue throughout Guyana. These conditions are likely to be accompanied by showers of varying intensities and frequent rain and thundershowers.
Regions 1 to 9	 <b>Rainfall between: 20.0 mm to 40.0 mm.</b>	<p><u>Winds:</u> Varying directions between 2 m/s and 4 m/s, becoming gusty at times.</p> <p><u>Minimum temperatures:</u></p> <p>Coast: 21 °C – 24°C</p> <p>Hinterland: 16 °C – 22 °C</p>	Regions 1 to 10	 <b>Rainfall between: 20.0 mm and 50.0 mm</b>	<p><u>Winds:</u> Varying directions between 3 m/s and 7 m/s, becoming gusty at times.</p> <p><u>Maximum temperatures:</u></p> <p>Coast: 28 °C – 31°C</p> <p>Hinterland: 26 °C – 31 °C</p>
All other locations	 <b>Rainfall between: 25.0 mm to 50.0 mm</b>				

The long-term daily average rainfall for Georgetown, for the next 10 days, May 11, 2018 to May 20, 2018 is 9.9 per day.

**Warnings:** FLOODING/WATER ACCUMULATING MAY OCCUR OVER SOME AREAS.



**Infra-red Satellite and Radar image valid 19:15 UTC (15:15hrs) Friday May 11, 2018**

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

Tonight(May 11, 2018)		Tomorrow Morning(May 12, 2018)		Tomorrow Afternoon(May 12, 2018)	
Low Tide 19:24hrs Height 0.92m		High Tide 01:38hrs Height 2.75m		Low Tide 07:57hrs Height 0.86m	
Sunrise		05:36hrs	Sunset	High Tide 14:15hrs Height 2.74m	
				18:01hrs	

**Our Mission:** To Observe, archive and understand Guyana's weather, and Climate and provide meteorological, hydrological and oceanographic service in support of Guyana's national needs and international obligation.

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

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

**Extended Forecast**

**Sunday:** Cloudy to overcast skies are expected throughout Guyana. These conditions are likely to be accompanied by frequent to continuous rain and showers of varying intensity. Thundershowers may also be experienced over Regions 1 to 4, 7 and 9. Rainfall is likely to accumulate between **30 mm and 80 mm** with the maximum over areas with thundershowers.

**Monday thru' Thursday:** Cloudy skies with scattered light to moderate showers are likely over regions 2 to 6. Rainfall is likely to range between **10 mm and 20 mm**. All other areas may experience mostly cloudy skies with light to moderate showers and intermittent rain. Parts of regions 1, 7 and 9 may also experience isolated thundershowers. Rainfall is forecast to range between **10 mm and 50 mm** with the maximum over areas with thundershowers.

**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](http://www.hydromet.gov.gy)

Meteorologist: L. Alves

***Our Mission: To Observe, archive and understand Guyana's weather, and Climate and provide meteorological, hydrological and oceanographic service in support of Guyana's national needs and international obligation.***