

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

**WEATHER BRIEF for Wednesday June 6, 2018 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday June 6, 2018, were available for most of the stations. **Highest rainfall of 62.9mm was recorded at Wauna White Water in Region 1.**

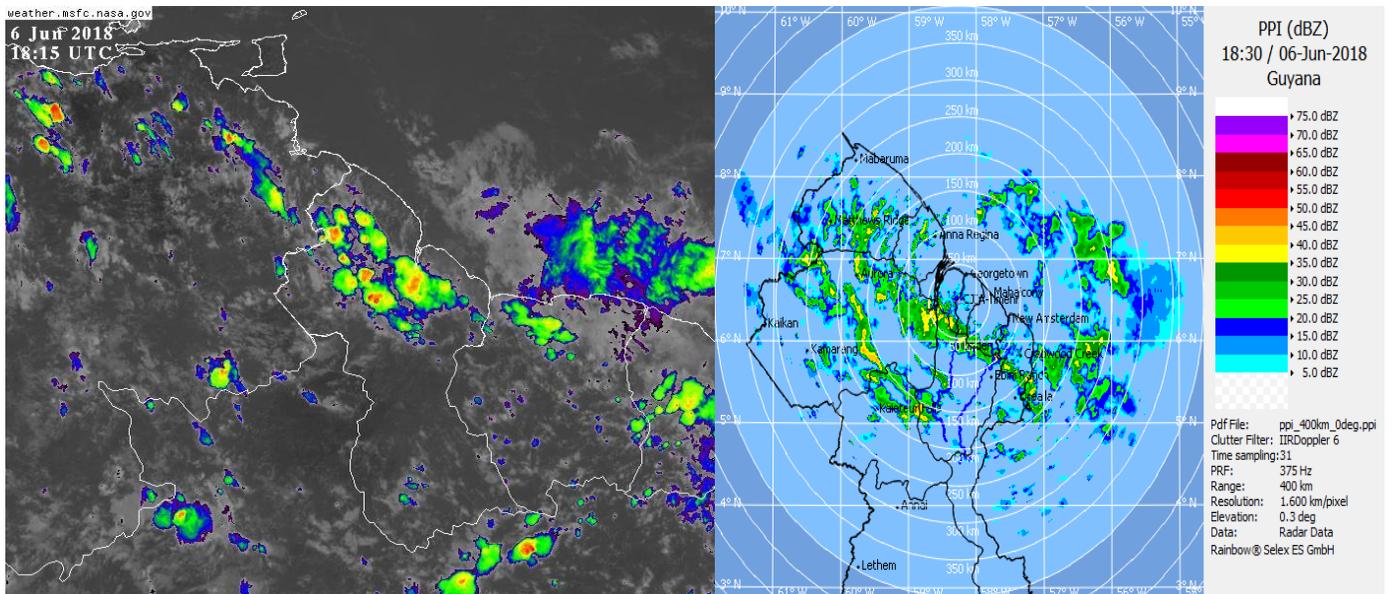
**Synopsis:** *Confluencing in the trades coupled with day times heating is the dominant feature affecting Guyana.*

**Today's weather review:** *Sunny skies becoming cloudy with showers and isolated thundershowers over inland areas.*

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

Wednesday June 06, 2018 (19:00 hrs. – 07:00 hrs.)			Thursday June 07, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <b>Rainfall between: 10.0 mm to 45.0 mm.</b>	<b>Fair becoming cloudy to overcast in the early morning with occasional showers and possible rain.</b>  <b>Winds:</b> Mostly light becoming windy at times  <b>Minimum temperatures:</b> Coast: 22 °C – 26°C Hinterland: 18 °C – 22 °C	Regions 1 to 10	 <b>Rainfall between: 20.0 mm and 40.0 mm</b>	<b>Cloudy skies with scattered to occasional showers can be expected over Northern Guyana. Southern Guyana will see mostly overcast skies with frequent moderate to heavy showers and thundershowers.</b>  <b>Winds:</b> Mostly breezy  <b>Maximum temperatures:</b> Coast: 28 °C – 30°C Hinterland: 27 °C – 31 °C

**The long-term daily average rainfall for Georgetown, for the next 10 days, June 6, 2018 to June 15, 2018 is 11.6per day.**



**Infra-red Satellite image valid 18:15 UTC (14:15hrs) Wednesday June 6, 2018**

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

Tonight(June 06,2018)	Tomorrow Morning(June 07,2018)		Tomorrow Afternoon(June 07,2018)
<b>High Tide 21:55hrs Height 2.35m</b>	<b>Low Tide 04:22hrs Height 1.38m</b>  <b>High Tide 10:41hrs Height 2.33m</b>		<b>Low Tide 16:36hrs Height 1.15m</b>
<b>Sunrise</b>	<b>05:36hrs</b>	<b>Sunset</b>	<b>18:05hrs</b>

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

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***Extended Forecast***

***Friday, Saturday and Tuesday:*** Overcast skies with frequent moderate to heavy showers and thundershowers can be expected throughout Guyana. **Rainfall is expected to range between 50.0 mm and 80.0 mm within 24 hours' period. Highest values are anticipated on Friday in Southern Guyana and in coastal areas on Saturday. With the forecasted rainfall, water accumulations/ flooding may be observed in poor drainage and low lying areas.**

***Sunday and Monday:*** Partly cloudy to cloudy skies with scattered showers can be expected throughout Guyana. **Rainfall is expected to range between 10.0 mm and 30.0 mm within a 24hrs period.**

**Seasonal Information (UPDATED May 10, 2018) – Final La Niña Advisory**

***ENSO-neutral is favoured through September-November 2018, with the possibility of El Niño nearing 50% by Northern Hemisphere winter 2018-19.***

According to the ENSO update issued on Thursday May 10, 2018, by the Climate Prediction Centre, during April 2018, the tropical Pacific returned to ENSO-neutral, as indicated by mostly near to-below average sea surface temperatures (SSTs) along the equator. The latest weekly Niño indices were near zero in all regions (between +0.2°C and -0.3°C), except for Niño-1+2, which remained negative. Subsurface temperature anomalies (averaged across 180°-100°W) remained positive, due to the continued influence of a downwelling oceanic Kelvin wave.

Atmospheric indicators related to La Niña also continued to fade. Low-level winds were near average over most of the tropical Pacific Ocean, and upper-level winds were anomalous westerly. Overall, the ocean and atmosphere system reflected a return to ENSO-neutral.

The majority of models in the IRI/CPC plume predict ENSO-neutral to continue at least through the Northern Hemisphere summer 2018. As the fall and winter approaches, many models indicate an increasing chance for El Niño. Therefore, the forecaster consensus hedges in the direction of El Niño as the winter approaches, but given the considerable uncertainty in ENSO forecasts made at this time of year, the probabilities for El Niño are below 50%.

In summary, ENSO-neutral is favoured through September-November 2018, with the possibility of El Niño nearing 50% by Northern Hemisphere winter 2018-19.

Surface analysis shows that the Inter-Tropical Convergence Zone (ITCZ) is currently oscillating mostly between 02 ° South to 03 ° north. Notwithstanding, tropical waves have begun to leave the African coast and make their way across the Atlantic and affect the western Atlantic region. This will increase the frequency and intensity of precipitation over the forecast area. This is a signal that the rainy season has finally began.

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. For a Regional forecast please see the Guyana's Seasonal Climate Outlook May-June-July 2018 produced by the Climatological section of the Hydrometeorological Service.

Update in the bulletin is provided daily by the Hydromet Service: [www.hydromet.gov.gy](http://www.hydromet.gov.gy)  
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