

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

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

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

**Highest rainfall of 23.7mm was recorded at No. 73 Village in Region 6.**

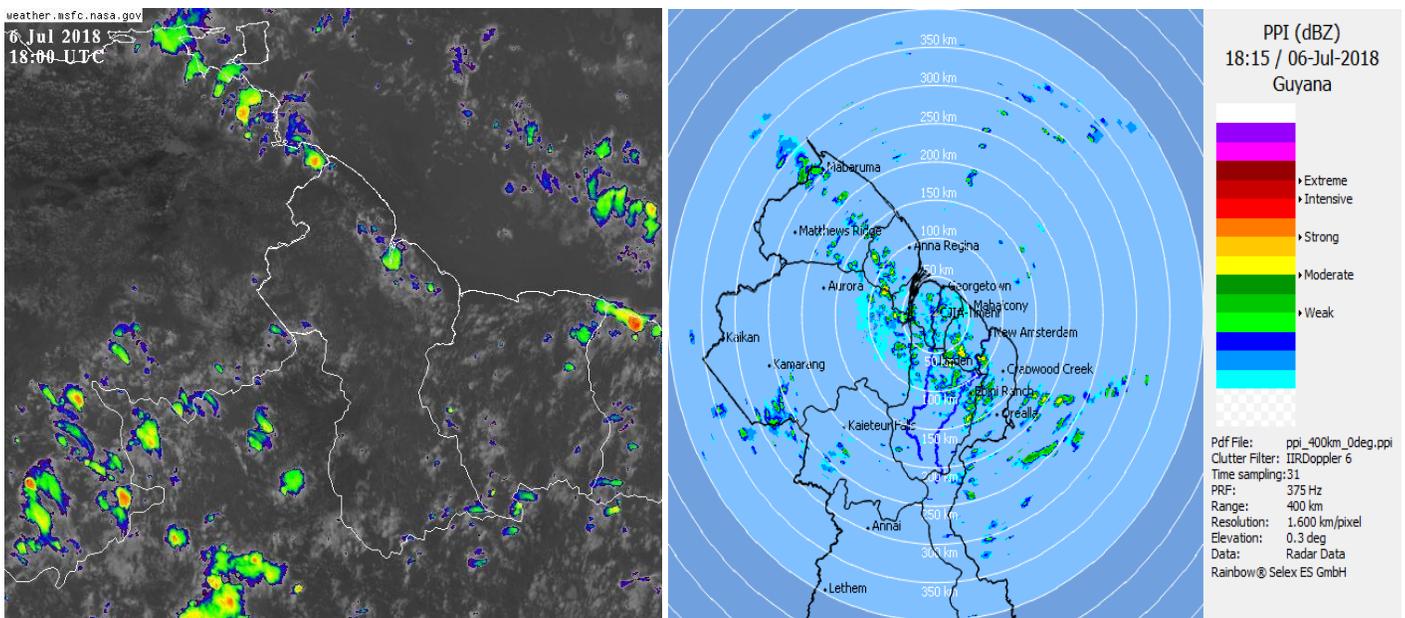
**Synopsis:** A Tropical Wave is currently over Guyana. Though convection may not be significant, model forecasts shows an increase in moisture max coupled with strong convergence and vertical velocities with supported upper level dynamics which will allow cloud development behind the axis which will begin to affect Guyana in the late evening into early morning.

**Today's weather review:** Cloudy skies with scattered showers were observed in coastal and near inland areas during the mid-morning into early afternoon. Apart from these locations, generally fair and sunny skies were observed across Guyana.

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

Friday July 06, 2018 (19:00 hrs. – 07:00 hrs.)			Saturday July 07, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <b>Rainfall between: 0.0 mm to 20.0 mm.</b>	<b>Cloudy skies with scattered showers throughout Guyana.</b>  <b>Winds:</b> Mostly light  <b>Minimum temperatures:</b> Coast: 22 °C – 24°C Hinterland: 21 °C – 23 °C	Regions 1 to 10	 <b>Rainfall between: 10.0 mm and 35.0 mm</b>	<b>Mostly cloudy skies to occasionally overcast skies with occasional light to moderate showers.</b>  <b>Winds:</b> Mostly light becoming breezy at times  <b>Maximum temperatures:</b> Coast: 28 °C – 31°C Hinterland: 29 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, July 06, 2018 to July 15, 2018 is 9.8 per day.



**Infra-red Satellite image valid 18:00 UTC (14:00hrs) Friday July 06, 2018**

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

**Warnings:**

Tonight(July 06,2018)	Tomorrow Morning(July 07,2018)	Tomorrow Afternoon(July 07,2018)
<b>High Tide 21:57hrs Height 2.50m</b>	<b>Low Tide 04:27hrs Height 1.20m</b>  <b>High Tide 10:56hrs Height 2.36m</b>	<b>Low Tide 16:44hrs Height 1.11m</b>
<b>Sunrise</b>	<b>05:41hrs</b>	<b>Sunset</b>
		<b>18:12hrs</b>

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

**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***

**Extended Forecast**

**Sunday, Monday, Wednesday and Thursday:** Partly cloudy to cloudy skies with brief early morning and late afternoon showers can be expected throughout Guyana. **Rainfall is expected to range between 5.0 mm and 15.0 mm within a 24hrs period.**

**Tuesday:** Cloudy to overcast skies with occasional to frequent showers and isolated thundershowers can be expected throughout Guyana. **Rainfall is expected to range between 10.0 mm and 40.0 mm.**

**Seasonal Information (UPDATED June 14, 2018) – El Niño Watch**

**ENSO-neutral is favoured through Northern Hemisphere summer 2018, with the chance for El Niño increasing to 50% during fall, and ~65% during winter 2018-19.**

According to the ENSO update issued on Thursday June 14, 2018, by the Climate Prediction Centre, during May 2018, ENSO-neutral conditions continued during may, as indicated by mostly average sea surface temperatures (SSTs) along the equator. The latest weekly Niño indices were near zero in all regions (between -0.2°C and 0.0°C), except for Niño-1-2, which remained negative. Positive subsurface temperature increased over the past month, as another downwelling equatorial oceanic Kelvin wave reinforced the already above-average subsurface temperatures. Low-level and upper-level winds were near average across the equatorial Pacific Ocean. Overall, oceanic and atmospheric conditions reflected ENSO-neutral.

The majority of models in the IRI/CPC plume predict ENSO-neutral to continue through the Northern Hemisphere summer 2018, with El Niño most likely thereafter. The forecaster consensus favours the onset of El Niño during the Northern Hemisphere fall, which would then continue through winter. These forecasts are supported by the ongoing build-up of heat within the tropical Pacific Ocean. In summary, ENSO-neutral is favoured through Northern Hemisphere summer 2018, with the chance for El Niño increasing to 50% during fall, and ~65% during winter 2018-19.

Surface analysis shows that the Inter-Tropical Convergence Zone (ITCZ) is currently oscillating mostly between 04 ° South to 09° North. Notwithstanding, added to this tropical waves continue 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 an indication of the rainy season beginning.

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 June-July-August 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)  
Senior Meteorological Technician: E. McPherson

*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.*