

MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

WEATHER BRIEF for Friday, June 30, 2017 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Friday June 30, 2017, were available for most of the stations.

The highest of 78.1mm of rainfall was recorded at Deer Creek in Region 9.

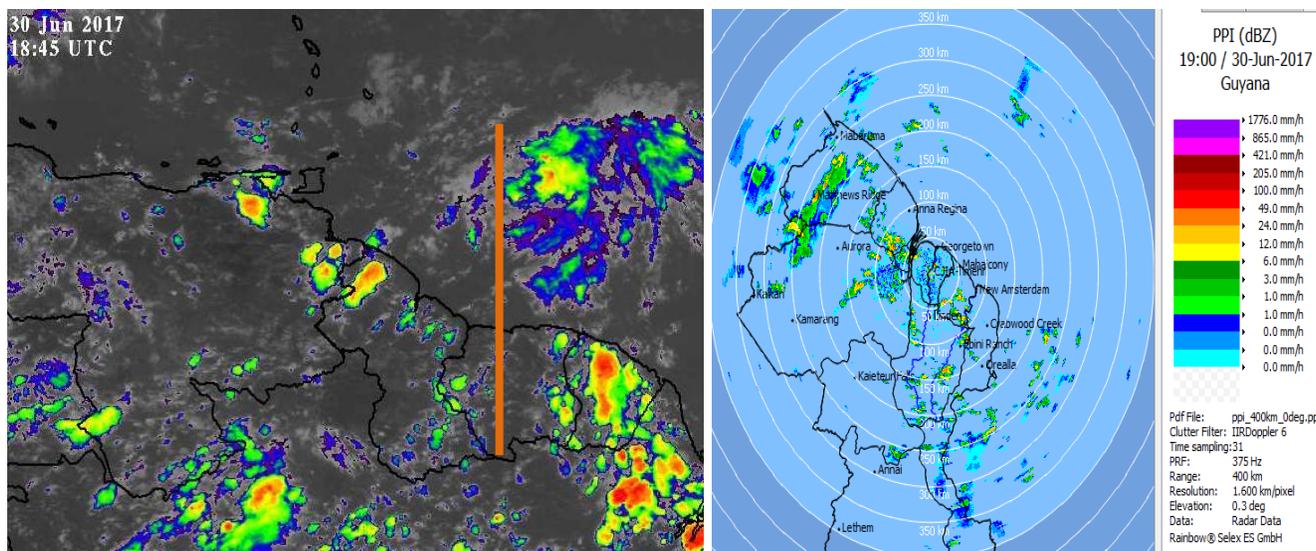
Synopsis: Weak instabilities are affecting Guyana. A tropical wave is moving into Guyana and will affect the weather over the next 6 to 18 hours (valid from ~23:00 hrs).

Today's weather review: Partly cloudy and sunny skies with scattered thundershowers were observed over Guyana.

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

Friday June 30, 2017 (19:00 hrs – 07:00 hrs)			Saturday July 01, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Partly cloudy skies becoming Cloudy to occasionally overcast in the evening into early morning with occasional showers and possible thundershowers.	Regions	Weather Conditions	Overcast skies with occasional moderate to at times heavy showers during the morning becoming fair to sunny in the afternoon.
Regions 1 to 10	 Rainfall between: 0.0 mm to 40.0 mm.	Winds: Light to breezy Minimum temperatures: Coast: 21 °C – 24°C Hinterland: 20 °C – 23 °C	Regions 1 to 10	 Rainfall between: 20.0 mm and 50.0 mm	Winds: Light becoming breezy Maximum temperatures: Coast: 28 °C – 31°C Hinterland: 30 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, June 30 to July 09, 2017 is 10.1 mm per day.



Infra-red Satellite image valid 19:15 UTC (15:15 hrs) Friday June 30, 2017

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

Tonight (June 30,2017)		Tomorrow Morning (July 01, 2017)		Tomorrow Afternoon (July 01, 2017)	
High Tide 22:02hrs Height 2.58m		Low Tide 03:48hrs Height 1.05m		Low Tide 16:08hrs Height 1.20m	
		High Tide 09:39hrs Height 2.42m			
Sunrise		05:40hrs		Sunset	
					18:11hrs

Sea conditions: MODERATE SEAS WITH WAVES REACHING HEIGHTS OF 1.5 TO 2.5 METERS IN OPEN WATERS

Extended Forecast

Sunday thru Thursday: Partly cloudy and sunny skies with brief passing showers can be expected throughout Guyana. **Rainfall is expected to range between 0.0 mm and 15.0 mm within a 24hrs period.**

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***

Seasonal Information (UPDATED 16 May, 2017) – ENSO alert status: Not Active

ENSO-neutral and El Niño are nearly equally favoured during the Northern Hemisphere summer and fall 2017 (June to December).

According to the ENSO update issued on Thursday May 11, 2017, by the Climate Prediction Centre, ENSO-neutral conditions continued during April 2017. This was reflected in the near-average sea surface temperatures (SSTs) across the central equatorial Pacific and above-average SSTs in the eastern Pacific. The lower-level and upper-level winds were near average over most of the tropical Pacific. Overall, the ocean and atmosphere system remains consistent with ENSO-neutral conditions. Most models predict the onset of El Niño during the Northern Hemisphere summer (June-September); however, most of the statistical models are more conservative and indicate that while Niño-3.4 index may be near or greater than +0.5°C for several months, the warmth may not last long enough to qualify as an El Niño episode (5 consecutive overlapping seasons) and/or may not significantly impact the atmospheric circulation.

Relative to last month, the forecaster consensus reflects slightly lower chances of El Niño (~45%), in part due to the conflicting model guidance and lack of a clear shift toward El Niño in the observational data.

The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period May-June-July indicates that Guyana can expect above normal (40 % probability) to normal (35 % probability) rainfall. Surface analysis shows that the Inter-tropical Convergence Zone (ITCZ) is currently meandering between northern Brazil and Guyana. These and other dynamic and thermodynamic features in the atmosphere indicate that Northern and Southern Guyana is into its rainy season. Considering the present conditions and forecast conditions, Guyana is likely to experience above normal to normal weather conditions during the next three months.

Update in the bulletin is provided daily by the Hydromet Service: 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.