

MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

WEATHER BRIEF for Tuesday, February 07, 2017 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Tuesday February 7, 2017, were available for most of the stations. The highest rainfall of 19.4 mm was recorded at New Amsterdam in Region 6.

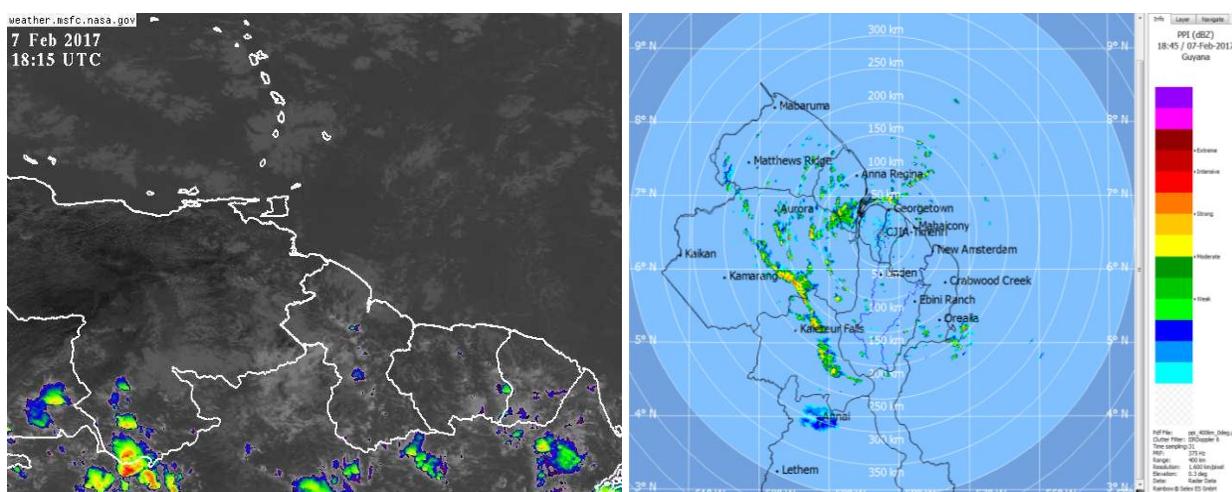
Synopsis: An induced low level trough is affecting Guyana. Forecast models shows this feature will continue to affect Guyana over the next 24 hours after which the Sub Tropical High Pressure ridge will strengthen and anchor itself over Guyana.

Today's weather review: Generally cloudy to overcast skies were observed throughout Guyana with brief showers during the morning period.

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

Tuesday February 07, 2017 (19:00 hrs – 07:00 hrs)			Wednesday February 08, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 Rainfall between: 0.0 mm to 20.0 mm.	Cloudy to overcast skies will continue throughout Guyana with passing showers during the early morning. Winds: Mostly breezy becoming light at times. Minimum temperatures: Coast: 22 °C – 25°C Hinterland: 21 °C – 24 °C	Regions 1 to 10	 Rainfall between: 0.0 mm and 20.0 mm	Cloudy to occasionally overcast skies with scattered showers. Winds: Breezy to windy Maximum temperatures: Coast: 29 °C – 30°C Hinterland: 30 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, February 7 to February 16, 2017 is 4.0 mm per day.



Infra-red Satellite image valid 18:15 UTC (14:15 hrs) Monday February 6, 2017

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

Warnings: Citizens are advised that above normal high tide advisory is in effect until Wednesday February 7, 2017. Residents of low lying, riverine, and flood prone areas are advised to take necessary precautions against possible flooding.

Tonight (February 7, 2017)	Tomorrow Morning (February 08, 2017)	Tomorrow Afternoon (February 08, 2017)	
Low Tide 19:39 hrs Height 0.70m	High Tide 02:16hrs Height 2.74m Above normal Low Tide 07:51 hrs Height 0.77m	High Tide 14:01 hrs Height 2.91m Above normal	
Sunrise	06:10hrs	Sunset	18:02hrs

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

Extended Forecast

Thursday: mostly cloudy skies with scattered showers. **Rainfall is expected to range between 0.0 mm and 15.0 mm.**

Friday thru Monday: Partly cloudy and sunny skies with isolated showers. **No significant rainfall is expected within 24 hours 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) - La Niña Advisory

A transition to ENSO-neutral is expected to occur by February 2017, with ENSO-neutral then continuing through the first half of 2017.

According to the ENSO update issued on Thursday January 12, 2017, La Niña conditions continued during December, with negative sea surface temperature (SST) anomalies continuing across the central and eastern equatorial Pacific Ocean. The Niño indices values fluctuated during December, with the Niño -3 and Niño -3.4 regions hovering near slightly warmer than -0.5°C. The upper-ocean heat content anomaly was near zero when averaged across the eastern Pacific, though near-to-below average subsurface temperatures were evident closer to the surface. Convection remained suppressed over the central tropical Pacific and enhanced over Indonesia. The low-level easterly winds were slightly enhanced over the western Pacific, and upper-level westerly anomalies were observed across the eastern Pacific. Overall, the ocean and atmosphere system remained consistent with a weak La Niña. Given the current atmospheric and oceanic conditions, along with model forecasts, the forecast consensus favours a transition to ENSO-neutral which is expected to occur by February 2017, with ENSO-neutral then continuing through the first half of 2017. The latest CARICOF forecasts suggests that Guyana will likely experience above normal (50 % probability) to normal (30 % probability) rainfall during the period January – March 2017. Guyana is still in its secondary wet season. Based on the current and expected ENSO conditions and the CARICOF precipitation outlook, Guyana can expect above normal to normal rainfall during the coming 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.