

MINISTRY OF AGRICULTURE HYDROMETEOROLOGICAL SERVICE

WEATHER BRIEF for Friday, September 08, 2017 from the Hydrometeorological Service, Guyana



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

The highest rainfall of 14.0 mm was recorded at Soesdyke Forestry in Region 4.

Synopsis: Weak to moderate instabilities are affecting Guyana.

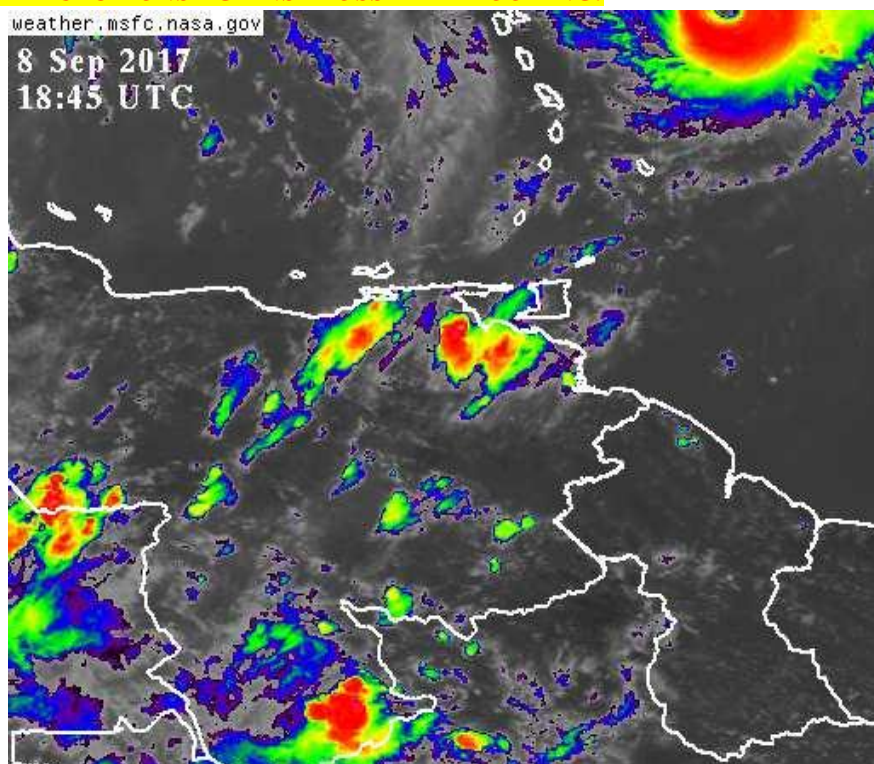
Today's weather review: All Regions observed partly cloudy and sunny skies; some areas observed scattered showers and isolated thundershowers.

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

Friday September 08, 2017 (19:00 hrs – 07:00 hrs)			Saturday September 09, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <p>Rainfall between: 0.0 mm to 15.0 mm.</p>	<p>Fair to partly cloudy skies with scattered showers can be expected throughout Guyana; some areas can expect isolated thundershowers.</p> <p><u>Winds:</u> Coast: North-easterly between 2 m/s and 4 m/s. Strong winds can be expected before and during heavy downpours. Hinterland: Light to calm. Strong winds can be expected before and during heavy downpours.</p> <p><u>Minimum temperatures:</u> Coast: 22 °C – 24°C Hinterland: 18 °C – 22 °C</p>	Regions 1 to 10	 <p>Rainfall between: 0.0 mm and 25.0 mm</p>	<p>Partly cloudy and sunny skies with scattered showers can be expected throughout Guyana; some areas can expect periods of cloudiness with scattered showers and isolated thundershowers.</p> <p><u>Winds:</u> Coast: North-easterly to south-easterly between 4 m/s and 8 m/s. Strong winds can be expected before and during heavy downpours. Hinterland: North-easterly to easterly between 2 m/s and 4 m/s. Strong winds can be expected before and during heavy downpours.</p> <p><u>Maximum temperatures:</u> Coast: 30 °C – 33°C Hinterland: 29 °C – 34 °C</p>

The long-term daily average rainfall for Georgetown, for the next 10 days, September 08 to September 17, 2017 is 3.1 mm per day.

Warnings: **CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT UNTIL MONDAY SEPTEMBER 11, 2017. RESIDENTS OF LOW LYING, RIVERINE, AND FLOOD PRONE AREAS ARE ADVISED TO TAKE NECESSARY PRECAUTIONS AGAINST POSSIBLE FLOODING.**



Infra-red Satellite image valid 19:15 UTC (15:15 hrs) Friday September 08, 2017

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***

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

Tonight September 08,2017)		Tomorrow Morning (September 09, 2017)		Tomorrow Afternoon (September 09,2017)	
Low Tide 23:37hrs Height 0.56m		High Tide 05:58hrs Height 3.04m Low Tide 11:56hrs Height 0.41m		High Tide 17:58hrs Height 3.09m	
Sunrise		05:43hrs	Sunset		17:54hrs

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

Extended Forecast

Sunday thru' Thursday: Partly cloudy and sunny skies with scattered showers can be expected throughout Guyana; some areas can expect thundershowers during the afternoon. Rainfall is expected to range between 0.0 mm and 30.0 mm (0.0 in and 1.2 in) within a 24hrs period.

Seasonal Information (UPDATED 10 August, 2017) – ENSO alert status: Not Active

ENSO-neutral is favored (~85% chance during Jul-Sep, decreasing to ~55% during Dec-Feb) through the Northern Hemisphere winter 2017-18.

According to the ENSO update issued on Thursday 10 August, 2017, by the Climate Prediction Centre, during July, ENSO-neutral continued, as equatorial sea surface temperatures (SSTs) were near average across most of the Pacific Ocean. The upper-ocean heat content anomaly was near average during Jul, reflecting below-average temperatures along the thermocline across the central and eastern Pacific overlain by slightly above-average temperatures. Tropical convection was near average over the eastern half of the Pacific and enhanced over the western Pacific and the Maritime Continent. The lower-level trade winds were slightly enhanced near the International dateline, and upper-level winds were near average over most of the tropical Pacific. Overall, the ocean and atmosphere system remains consistent with ENSO-neutral.

The majority of models favor ENSO-neutral through the remainder of 2017. These predictions, along with the demise of the recent Pacific warmth and continued near-average atmospheric conditions over the Pacific, lead forecasters to favor ENSO-neutral through to March 2018. However, some chance for El Niño (15-20%) or La Niña (25-30%) remains during December 2017 to March 2018. Also, ENSO-neutral conditions are predicted for the upcoming peak months (August-October) of the Atlantic hurricane season.

The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period August-September-October indicates that Guyana has equal probability of above-normal, normal and below normal. For a Regional forecast please see the Guyana's Seasonal Climate Outlook August-September-October produced by the Climatological section of the Hydrometeorological Service. Surface analysis shows that the Inter-tropical Convergence Zone (ITCZ) is currently oscillating mostly between 06 ° North to 10 ° north. Additionally, the tropical waves are now passing further north. These and other dynamic and thermodynamic features in the atmosphere indicate that Guyana is in the second dry season of the year. Considering the present conditions and forecast conditions, Guyana is likely to experience dry conditions during the next three months. Please note that the dry seasons in not a period of no rainfall, but a period significant reduction precipitation, hence, periods of heavy downpours are still likely.

Update in the bulletin is provided daily by the Hydromet Service: www.hydromet.gov.gy

Senior Meteorological Technician: L. Regis

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.