

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Friday, August 11, 2017 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00 hrs Friday August 11, 2017, were available for most of the stations.

The highest rainfall of 46.2 mm was recorded at Wakapoa Pomeroon River in Region 2.

Synopsis: Day-time heating produced moderate to deep convective clouds over near inland and interior locations.

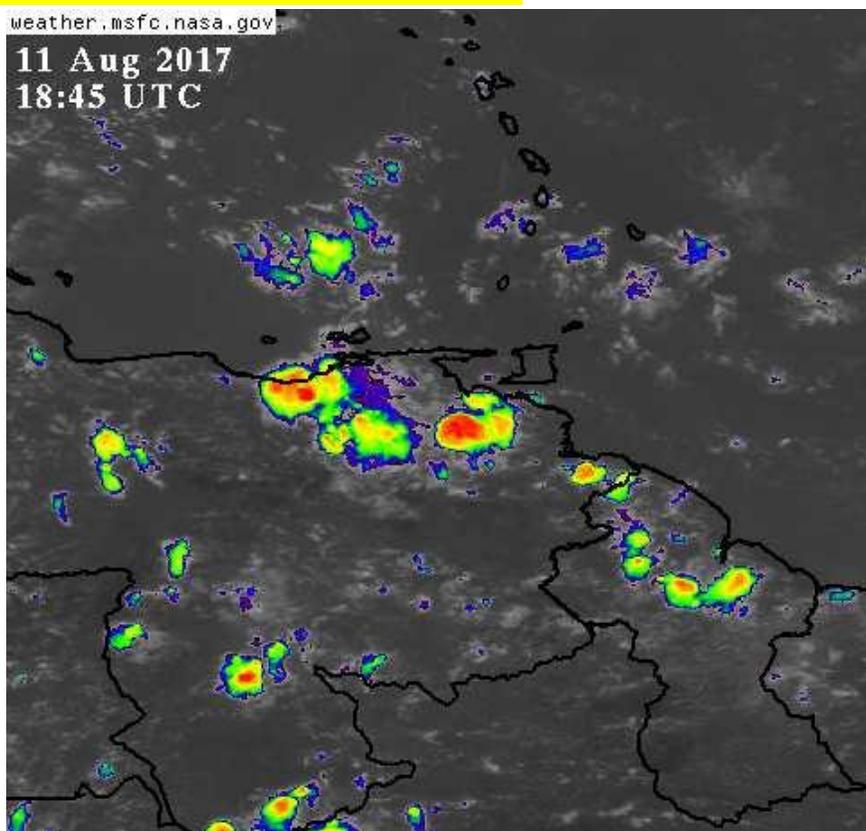
Today's weather review: All Regions observed partly cloudy and sunny skies; some near inland and interior locations observed isolated thundershowers during afternoon.

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

Friday August 11, 2017 (19:00 hrs – 07:00 hrs)			Saturday August 12, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 10	 <p>Rainfall between: 0.0 mm to 20.0 mm.</p>	<p>Fair to cloudy skies with scattered light to moderate showers can be expected throughout Guyana; some locations can expect isolated thundershowers.</p> <p><u>Winds:</u></p> <p>Coast: North-easterly between 2 m/s and 4 m/s. Strong winds can be expected before and during heavy downpours.</p> <p>Hinterland: Light to calm. Strong winds can be expected before and during heavy downpours.</p> <p><u>Minimum temperatures:</u></p> <p>Coast: 22 °C – 24°C</p> <p>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 isolated thundershowers.</p> <p><u>Winds:</u></p> <p>Coast: North-easterly to south-easterly between 4 m/s and 8 m/s. Strong winds can be expected before and during heavy downpours.</p> <p>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></p> <p>Coast: 29 °C – 32°C</p> <p>Hinterland: 28 °C – 33 °C</p>

The long-term daily average rainfall for Georgetown, for the next 10 days, August 11 to August 20, 2017 is 6.4 mm per day.

Warnings: **CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT UNTIL SUNDAY AUGUST 13, 2017. RESIDENTS OF LOW LYING, RIVERINE, AND FLOOD PRONE AREAS ARE ADVISED TO TAKE NECESSARY PRECAUTIONS AGAINST POSSIBLE FLOODING.**



Infra-red Satellite image valid 18:45 UTC (14:45 hrs) Friday August 11, 2017

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

Tonight August 11,2017)		Tomorrow Morning (August 12, 2017)		Tomorrow Afternoon (August 12, 2017)	
--:--		High Tide 06:57 hrs Height 2.86m		Low Tide 13:00 hrs Height 0.59m	
Sunrise		05:46hrs	Sunset		18:07hrs

Sea conditions: MODERATE 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 inland and interior locations can expect isolated thundershowers afternoon. Rainfall is expected to range between 0.0 mm and 20.0 mm (0.0 in and 0. 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

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