

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

**WEATHER BRIEF for Friday, July 07, 2017 from the Hydrometeorological Service, Guyana**

Rainfall records for the past 24 hours, measured at 08:00 hrs Friday July 07, 2017, were available for most of the stations.

**The highest rainfall of 36.1 mm was recorded at Kaieteur in Region 8.**

**Synopsis:** Unstable conditions are affecting Guyana.

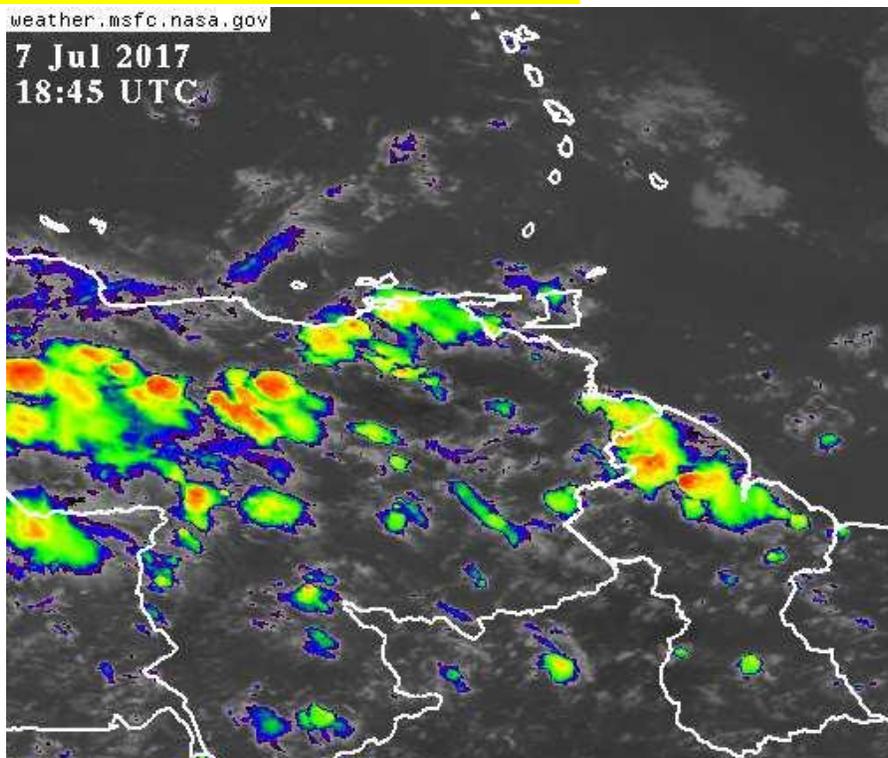
**Today's weather review:** All Regions observed partly cloudy to cloudy skies with light to moderate showers and isolated thundershowers.

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

Friday July 07, 2017 (19:00 hrs – 07:00 hrs)			Saturday July 08, 2017 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions	Cloudy skies with light to moderate showers and isolated thundershowers can be expected throughout Guyana.	Regions	Weather Conditions	All Regions can expect cloudy to overcast skies with frequent light to moderate showers and isolated thundershowers; conditions are likely to improve over some coastal areas during the afternoon.
Regions 1 to 10	 <b>Rainfall between: 5.0 mm to 40.0 mm.</b>	<p><b><u>Winds:</u></b></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><b><u>Minimum temperatures:</u></b></p> <p>Coast: 22 °C – 25°C</p> <p>Hinterland: 18 °C – 22 °C</p>	Regions 1 to 10	 <b>Rainfall between: 10.0 mm and 40.0 mm over coastal areas, other areas can expect values between 20.0 mm and 60.0 mm.</b>	<p><b><u>Winds:</u></b></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><b><u>Maximum temperatures:</u></b></p> <p>Coast: 28 °C – 31°C</p> <p>Hinterland: 26 °C – 32 °C</p>

The long-term daily average rainfall for Georgetown, for the next 10 days, July 07 to July 16, 2017 is 9.8 mm per day.

**Warnings:** **CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT UNTIL THURSDAY JULY 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 July 07, 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 (July 07,2017)		Tomorrow Morning (July 08, 2017)		Tomorrow Afternoon (July 08, 2017)	
Low Tide 21:23hrs Height 1.01m		High Tide 03:30hrs Height 2.83m  Low Tide 09:49hrs Height 0.60m		High Tide 16:00hrs Height 2.63m	
Sunrise		05:42hrs	Sunset		18:12hrs

***Sea conditions: MODERATE TO ROUGH SEAS WITH WAVES REACHING HEIGHTS OF 2.5 TO 3.0 METERS IN OPEN WATERS***

***Extended Forecast***

***Sunday and Monday:*** Partly cloudy and sunny skies with scattered showers can be expected throughout Guyana; some inland and interior locations can expect isolated 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.***

***Tuesday thru' Thursday:*** Cloudy skies with light to moderate showers and isolated thundershowers can be expected throughout Guyana; conditions are expected to improve over some coastal areas during the afternoon. ***Rainfall is expected to range between 10.0 mm and 50.0 mm (0.40 in and 2.0 in) within a 24hrs period.***

***Water accumulation/or flooding are likely in low lying areas and those with poor drainage; hilly areas are likely to experience possible landslides.***

***Seasonal Information (UPDATED 07 July, 2017) – ENSO alert status: Not Active***

ENSO-neutral is favored (50 to ~55% chance) through the Northern Hemisphere fall 2017 (September to December).

***According to the ENSO update issued on Thursday June 08, 2017, by the Climate Prediction Centre, ENSO-neutral conditions continued during May 2017. This was reflected in the sea surface temperatures (SSTs) which were above average in the east-central Pacific Ocean. The upper-ocean heat content anomaly increased during May, reflecting the expansion of above-average sub-surface temperatures across the central and eastern Pacific in association with a down welling oceanic Kelvin wave. 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 now favoring the continuation of ENSO-neutral. These predictions, combined with the near-average atmospheric conditions over the Pacific, have resulted in slightly more confidence for the persistence of ENSO-neutral (50 to ~55% chance). However, chances for El Niño remain elevated (35-50%) relative to the long-term average into the fall (September to December).***

***The latest Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period June-July- August 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](http://www.hydromet.gov.gy)

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