

***MINISTRY OF AGRICULTURE  
HYDROMETEOROLOGICAL SERVICE***

***WEATHER BRIEF for Monday, September 11, 2017 from the Hydrometeorological Service, Guyana***

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

**The highest rainfall of 28.7 mm was recorded at Arakaka in Region 1.**

**Synopsis:** Weak to moderate unstable conditions are affecting Guyana.

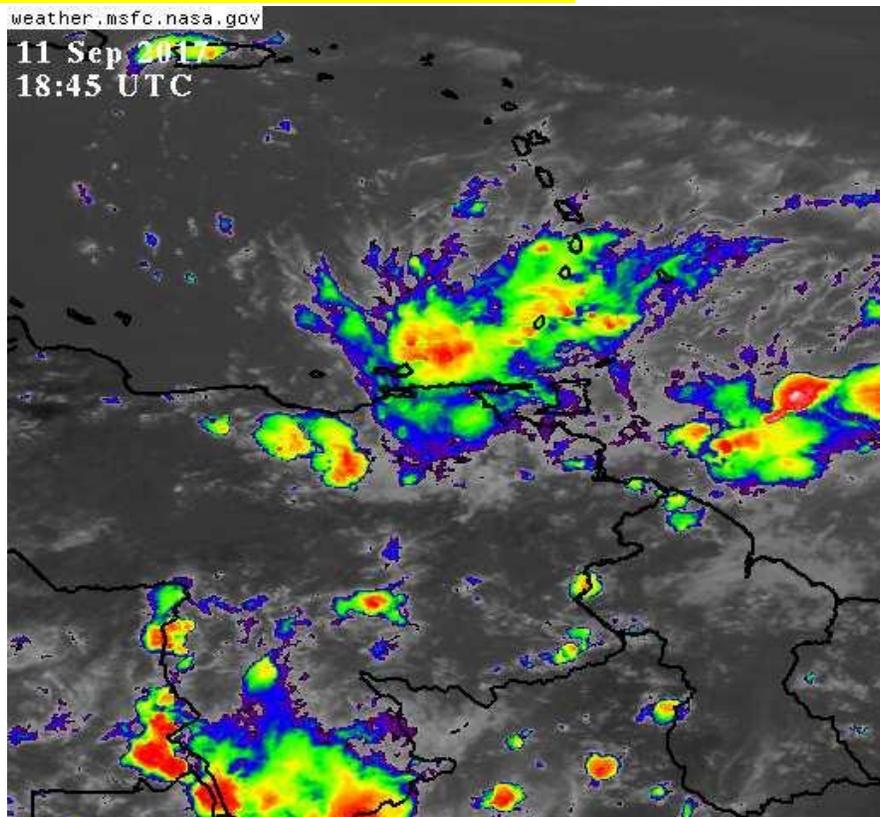
**Today's weather review:** All Regions observed partly cloudy to cloudy skies; some areas observed scattered showers and isolated thundershowers.

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

| Monday September 11, 2017 (19:00 hrs – 07:00 hrs) |  |  | Tuesday September 12, 2017 (07:00 hrs – 19:00 hrs) |   |   |
|---|--|--|--|---|---|
| Regions   | Weather Conditions   |  | Regions  | Weather Conditions  |   |
| Regions 1 to 10                                   |  <p><b>Rainfall between: 0.0 mm to 15.0 mm.</b></p> | <p>Partly cloudy to cloudy skies with scattered showers can be expected throughout Guyana; some areas can expect isolated thundershowers.</p> <p><b>Winds:</b><br/>Coast: North-easterly between 2 m/s and 4 m/s. Strong winds can be expected before and during heavy downpours.<br/>Hinterland: Light to calm. Strong winds can be expected before and during heavy downpours.</p> <p><b>Minimum temperatures:</b><br/>Coast: 22 °C – 24°C<br/>Hinterland: 18 °C – 22 °C</p> | Regions 1 to 10                                    |  <p><b>Rainfall between: 0.0 mm and 20.0 mm</b></p> | <p>Partly cloudy and sunny skies can be expected throughout Guyana; some areas can expect periods of cloudiness with scattered light to moderate showers and isolated thundershowers.</p> <p><b>Winds:</b><br/>Coast: North-easterly to south-easterly between 4 m/s and 8 m/s. Strong winds can be expected before and during heavy downpours.<br/>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>Maximum temperatures:</b><br/>Coast: 30 °C – 32°C<br/>Hinterland: 29 °C – 34 °C</p> |

The long-term daily average rainfall for Georgetown, for the next 10 days, September 11 to September 20, 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 18:45 UTC (14:45 hrs) Monday September 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 September 11,2017)                 | Tomorrow Morning (September 12, 2017)   |               | Tomorrow Afternoon (September 12,2017)     |
|--|---|---------------|--|
| <i>High Tide 19:22hrs<br/>Height 2.86m</i> | <i>Low Tide 01:58hrs<br/>Height 0.81m</i><br><br><i>High Tide 08:28hrs<br/>Height 2.55m</i> |               | <i>Low Tide 14:17 hrs<br/>Height 0.91m</i> |
| <i>Sunrise</i>                             | <i>05:43hrs</i>   | <i>Sunset</i> | <i>17:53hrs</i>                            |

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

**Extended Forecast**

***Wednesday & Sunday:* Partly cloudy to 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 40.0 mm (0.40 in and 1.6 in) within a 24hrs period.****

***Thursday thru' Saturday:* Partly cloudy and sunny skies can be expected throughout Guyana; some areas can expect moderate to heavy thundershowers during the afternoon. **Rainfall is expected to range between 0.0 mm and 25.0 mm (0.0 in and 1.0 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](http://www.hydromet.gov.gy)

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