

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Saturday June 2, 2018 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Saturday June 2, 2018, were available for most of the stations.

Highest rainfall of 49.4mm was recorded at Dagg Point Region 7.

Synopsis: *Ridging provided generally stable conditions along the coast. All other areas were affected by localised conditions and deep atmospheric moisture.*

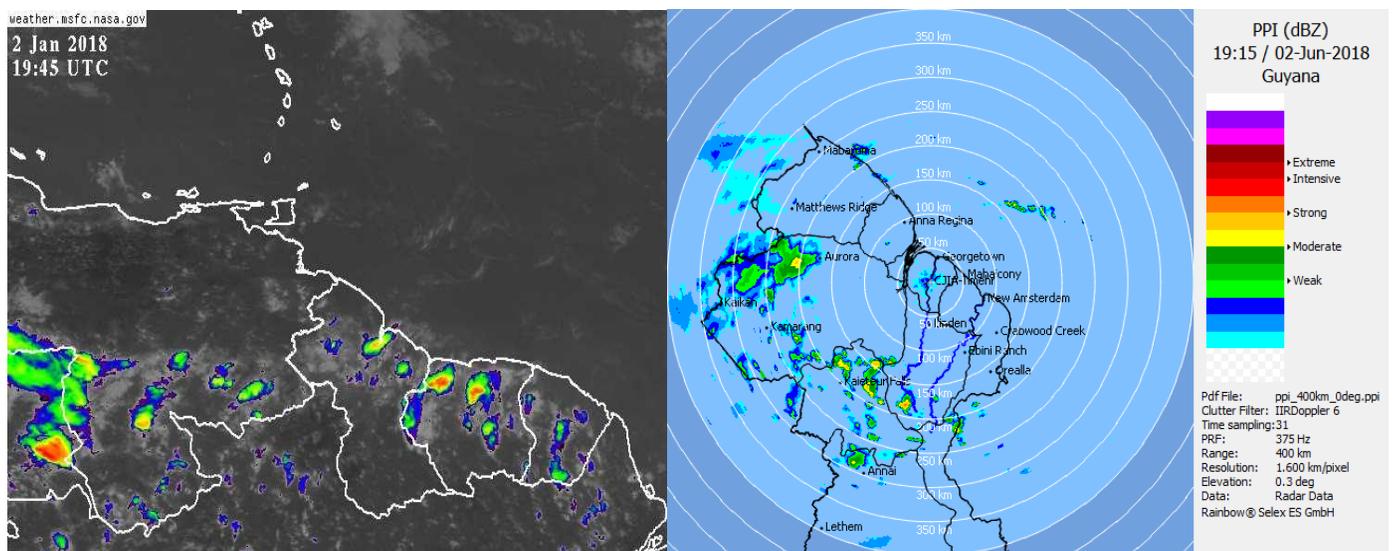
Today's weather review: *Coastal Regions 2 to 6 observed partly cloudy skies with cloudy spells and light showers. All other areas observed mostly cloudy skies with light to moderate showers. Regions 1, 7, 8 and 10 also experienced isolated thundershowers.*

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

Saturday June 2, 2018 (19:00 hrs. – 07:00 hrs.)			Sunday June 03, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 6	 Rainfall between: 5.0 mm to 20.0 mm.	Coastal locations can expect partly cloudy skies becoming cloudy as the night progresses. These conditions may be accompanied by light to moderate showers. All other locations can expect cloudy to overcast skies with light to moderate showers. Isolated thundershowers are likely.	Regions 1 to 6.	 Rainfall between: 0.0 mm and 10.0 mm	Coastal regions 2 to 6 may observe partly cloudy skies, becoming occasionally cloudy, with scattered light to moderate showers. All other areas can expect mostly cloudy skies with light to moderate showers. Isolated thundershowers are expected to begin during the mid-morning hours.
All other locations.	 Rainfall between: 15.0 mm to 40.0 mm.	<u>Winds:</u> Varying directions between 2 m/s and 4 m/s, becoming gusty at times. <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 16 °C – 22 °C	All other locations.	 Rainfall between: 20.0 mm to 50.0 mm.	<u>Winds:</u> Varying directions between 3 m/s and 7 m/s, becoming gusty at times. <u>Maximum temperatures:</u> Coast: 29 °C – 32°C Hinterland: 26 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, June 2, 2018 to June 11 2018 is 11.1 per day.

Warnings:



Infra-red Satellite and Radar images valid 19:15 UTC (15:15hrs) Saturday June 2, 2018

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

Tonight(June 2, 2018)	Tomorrow Morning(June 03, 2018)		Tomorrow Afternoon(June 03, 2018)
--:--	Low Tide 00:27hrs Height 1.14m High Tide 06:41hrs Height 2.59m		Low Tide 13:09hrs Height 0.84m
<i>Sunrise</i>	<i>05:35hrs</i>	<i>Sunset</i>	<i>18:05hrs</i>

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Sea conditions: MODERATE SEAS WITH WAVES REACHING HEIGHTS OF 1.5 TO 2.0 METERS IN OPEN WATERS

Extended Forecast

Monday and Tuesday: Mostly cloudy skies with intermittent rain and light to moderate showers are expected throughout the forecast area. Isolated thundershowers are also likely over regions 7, 8 and 10. Rainfall is forecast to range between **15 mm and 50 mm** with the maximum over areas with thundershowers.

Wednesday and Thursday: Partly cloudy to cloudy skies with light to moderate showers are expected along the coast during this period. Rainfall is expected to range between **0 mm and 15 mm**. All other locations are likely to experience mostly cloudy skies with light to moderate showers. Isolated thundershowers are also likely. Rainfall is forecast to range between **15 mm and 40 mm**.

Friday: Cloudy to overcast skies are expected throughout the forecast area. These conditions are expected to be accompanied by frequent to continuous rain, moderate showers and thundershowers. Rainfall is likely to range between **50 mm and 100 mm**.

Seasonal Information (UPDATED May 31, 2018) – Final La Niña Advisory

ENSO-neutral is favored through September-November 2018, with the possibility of El Niño nearing 50% by Northern Hemisphere winter 2018-19.

According to the ENSO update issued on Thursday May 10, 2018, by the Climate Prediction Centre, during April 2018, the tropical Pacific returned to ENSO-neutral, as indicated by mostly near to-below average sea surface temperatures (SSTs) along the equator. The latest weekly Niño indices were near zero in all regions (between +0.2°C and -0.3°C), except for Niño-1+2, which remained negative. Subsurface temperature anomalies (averaged across 180°-100°W) remained positive, due to the continued influence of a downwelling oceanic Kelvin wave.

Atmospheric indicators related to La Niña also continued to fade. Low-level winds were near average over most of the tropical Pacific Ocean, and upper-level winds were anomalous westerly. Overall, the ocean and atmosphere system reflected a return to ENSO-neutral.

The majority of models in the IRI/CPC plume predict ENSO-neutral to continue at least through the Northern Hemisphere summer 2018. As the fall and winter approaches, many models indicate an increasing chance for El Niño. Therefore, the forecaster consensus hedges in the direction of El Niño as the winter approaches, but given the considerable uncertainty in ENSO forecasts made at this time of year, the probabilities for El Niño are below 50%.

In summary, ENSO-neutral is favored through September-November 2018, with the possibility of El Niño nearing 50% by Northern Hemisphere winter 2018-19.

Surface analysis shows that the Inter-Tropical Convergence Zone (ITCZ) is currently oscillating mostly between 02 ° South to 03 ° north. Notwithstanding, tropical waves have begun to leave the African coast and make their way across the Atlantic and affect the western Atlantic region. This will increase the frequency and intensity of precipitation over the forecast area. This is a signal that the rainy season has finally begun.

Based on the current and expected ENSO conditions and the CARICOF precipitation outlook, Guyana can expect above normal to normal rainfall during the next three (3) months. For a Regional forecast please see the Guyana's Seasonal Climate Outlook May-June-July 2018 produced by the Climatological section of the Hydrometeorological Service.

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

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