

**MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE**

WEATHER BRIEF for Wednesday May 09, 2018 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Wednesday May 09, 2018, were available for most of the stations.

Highest rainfall of 57.7mm was recorded at Karaudarnaua in Region 9.

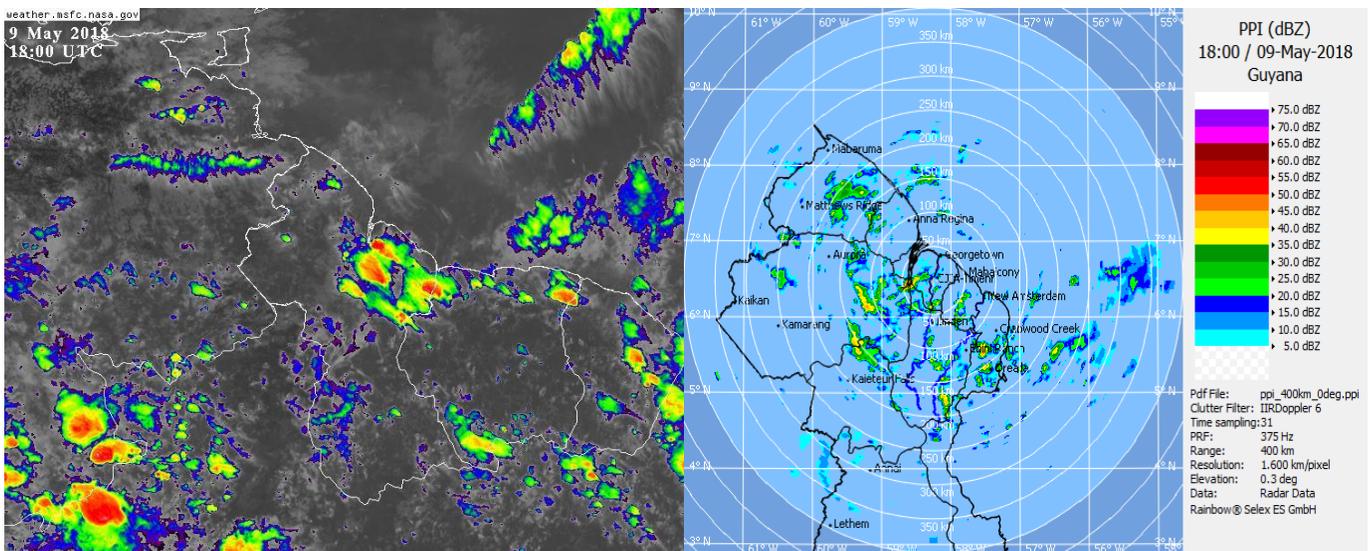
Synopsis: Weak instabilities are affecting Guyana.

Today's weather review: Cloudy skies were observed throughout Guyana with occasional showers and rain in Regions 1, 5 to 7 and 10.

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

Wednesday May 09, 2018 (19:00 hrs. – 07:00 hrs.)			Thursday May 10, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions	Occasionally cloudy skies with scattered showers.	Regions	Weather Conditions	Partly cloudy and sunny skies becoming cloudy to at times overcast in some locations, with scattered to occasional showers.
Regions 1 to 10	 Rainfall between: 0.0 mm to 20.0 mm.	Winds: Mostly breezy becoming light at times Minimum temperatures: Coast: 22 °C – 24°C Hinterland: 21 °C – 23 °C	Regions 1 to 10	 Rainfall between: 0.0 mm and 25.0 mm	Winds: Mostly breezy Maximum temperatures: Coast: 29 °C – 31°C Hinterland: 30 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, May 09, 2018 to May 18, 2018 is 9.4 per day.



Infra-red Satellite image valid 18:00 UTC (14:00hrs) Wednesday May 09, 2018

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

Tonight(May 09, 2018)	Tomorrow Morning(May 10, 2018)	Tomorrow Afternoon(May 10, 2018)
-- --	High Tide 00:15 hr Height 2.41m Low Tide 06:35hrs Height 1.24m	High Tide 12:42hrs Height 2.46m Low Tide 18:38hrs Height 1.05m
Sunrise	05:36hrs	Sunset
		18:00hrs

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

Extended Forecast

Friday thru Tuesday: Mostly cloudy skies with occasional showers can be expected throughout Guyana. Isolated thundershowers may be observed in some inland areas in the afternoon. **Rainfall is expected to range between 10.0 mm and 30.0 mm within a 24hrs period.**

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Seasonal Information (UPDATED April 12, 2018) – La Niña Advisory

La Niña is expected to transition to ENSO-neutral during April-May, with ENSO-neutral then likely (greater than 50% chance) to continue through the Northern Hemisphere summer 2018.

According to the ENSO update issued on Thursday April 12, 2018, by the Climate Prediction Centre, During March 2018, La Niña continued to weaken, but was still reflected by below-average sea surface temperatures (SSTs) across the east-central and eastern equatorial Pacific Ocean. While negative anomalies were weakening near the surface, the sub-surface temperature anomalies warmed due to the eastward propagation of a downwelling equatorial oceanic Kelvin wave.

Low-level wind anomalies were easterly over the east-central Pacific, and westerly over the far western Pacific. At upper-levels, winds were anomalously westerly over the eastern Pacific. Overall, the ocean and atmosphere system remained consistent with a weak La Niña. Most models in the IRI/CPC plume predict La Niña will decay and return to ENSO-neutral during the current March-May season. The forecaster consensus similarly favours a transition to neutral, with a continuation of ENSO-neutral conditions through the summer 2018. Thereafter, there is considerable forecast uncertainty, in part due to the lower prediction skill for forecasts made at this time of year. In summary, La Niña is expected to transition to ENSO-neutral during April-May, with ENSO-neutral then likely (greater than 50% chance) to continue through the Northern Hemisphere summer 2018

For a Regional forecast please see the Guyana's Seasonal Climate Outlook April-May-June 2018 produced by the Climatological section of the Hydrometeorological Service. Surface analysis shows that the Inter-Tropical Convergence Zone (ITCZ) is currently oscillating mostly between 03 ° South to 04 ° north. 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.

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