

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Monday May 07, 2018 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Monday May 07, 2018, were available for most of the stations.

Highest rainfall of 29.5mm was recorded at Wismar in Region 10.

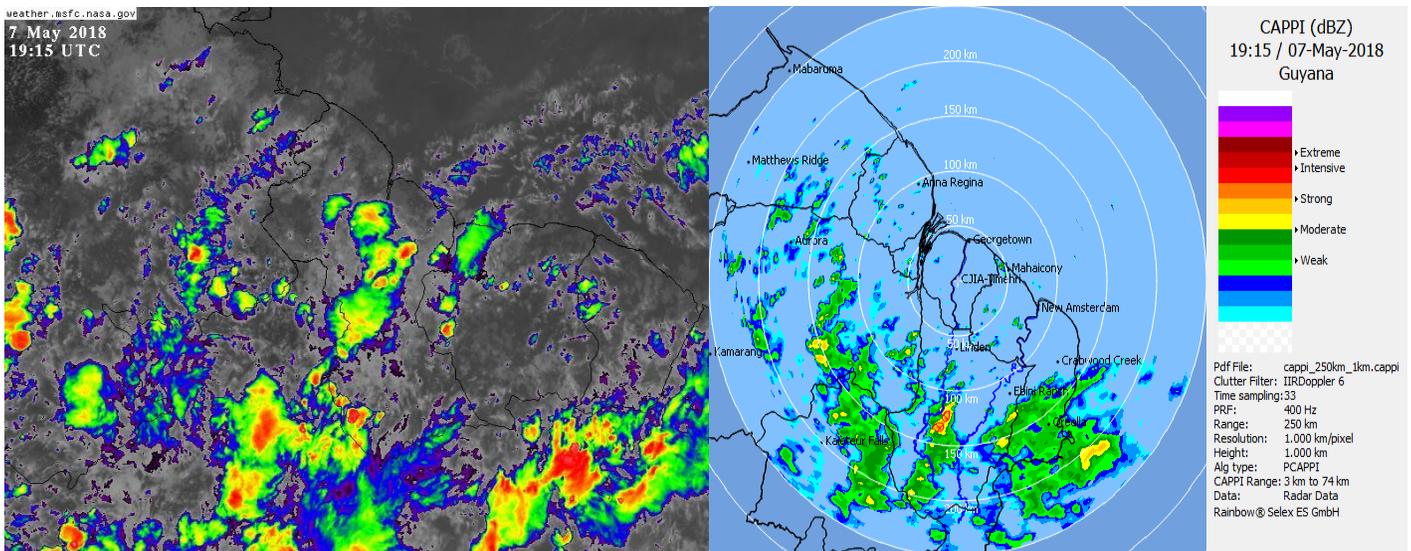
Synopsis: Ridge was the dominant feature over coastal Guyana today. Confluent in the mid-level and diffluent at the upper-level produced moderate instability over regions 7 to 10.

Today's weather review: Occasionally cloudy skies with scattered showers were experienced along the coast. All other locations experienced cloudy to overcast skies with moderate showers and isolated heavy showers.

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

Monday May 07, 2018 (19:00 hrs. – 07:00 hrs.)			Tuesday May 08, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions 1 to 6	 Rainfall between: 0.0 mm to 10.0 mm.	Partly cloudy skies becoming occasionally cloudy with light showers are expected along the coast tonight. Regions 7 to 10 and southern region 6 may experience mostly cloudy skies with light to moderate showers and possible isolated thundershowers.	Regions 2 to 6	 Rainfall between: 0.0 mm and 10.0 mm	Partly cloudy skies, becoming occasionally cloudy, with isolated showers. All other locations may experience mostly cloudy skies with scattered showers and isolated thundershowers.
All other locations	 Rainfall between: 15.0 mm to 45.0 mm.	Winds: Varying directions between 2 m/s and 4 m/s, becoming gusty at times. Minimum temperatures: Coast: 22 °C – 25°C Hinterland: 16 °C – 21 °C	All other locations	 Rainfall between: 10.0 mm to 35.0 mm.	Winds: North-eastern to eastern between 3 m/s and 7 m/s. Maximum temperatures: Coast: 29 °C – 32°C Hinterland: 26 °C – 32 °C

The long-term daily average rainfall for Georgetown, for the next 10 days, May 07, 2018 to May 16, 2018 is 9.3 per day.



Infra-red Satellite image valid 19:15 UTC (15:15hrs) Monday May 07, 2018

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

Warnings:

Tonight(May 07, 2018)	Tomorrow Morning(May 08, 2018)		Tomorrow Afternoon(May 08, 2018)
High Tide 21:42hrs Height 2.23	Low Tide 04:12hrs Height 1.50m		Low Tide 16:38hrs Height 1.19m
	High Tide 10:33hrs Height 2.25m		
Sunrise	05:37hrs	Sunset	18:00hrs

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

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Extended Forecast

Wednesday thru' Sunday: Partly cloudy with occasional cloudy skies and showers are expected along the coast during this period. Rainfall is forecast to range between **0 mm and 15 mm**. All other locations may experience mostly cloudy skies with light to moderate showers. Parts of region 9 and southern region 6 may also experience isolated thundershowers. Rainfall is likely to range between **10 mm and 45 mm**, with the maximum over areas with thundershowers.

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

Meteorologist: L. Alves

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