

***MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE***

WEATHER BRIEF for Saturday May 05, 2018 from the Hydrometeorological Service, Guyana

Rainfall records for the past 24 hours, measured at 08:00hrs Saturday May 05, 2018, were available for most of the stations.

Highest rainfall of 45.0 mm was recorded at No 73 Village in Region 6.

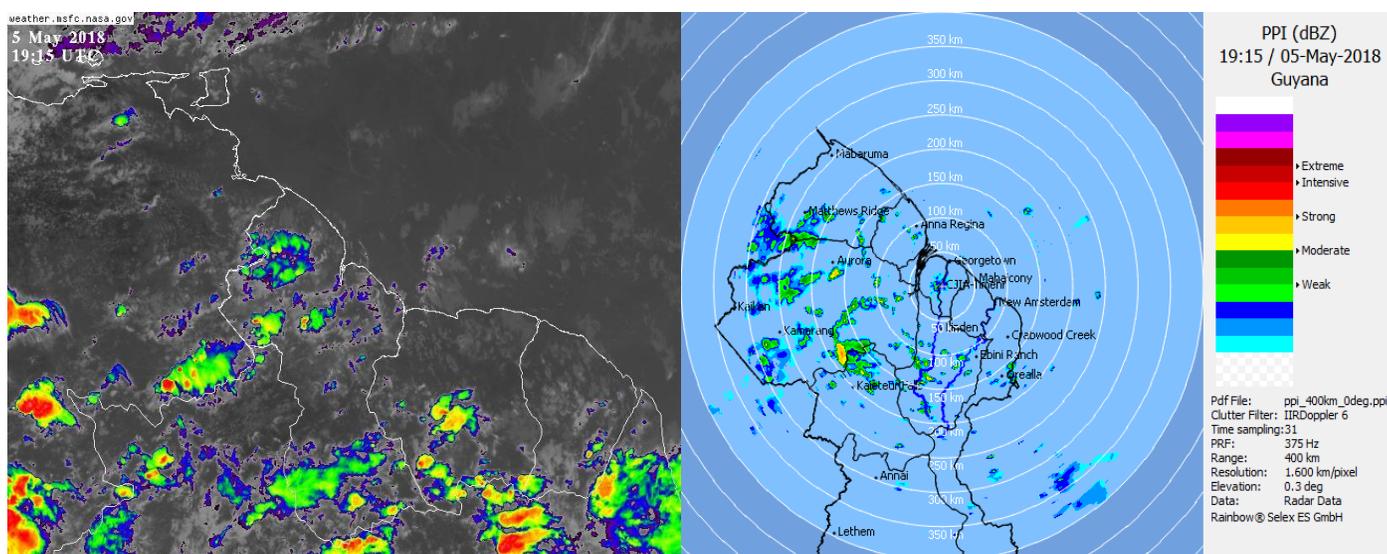
Synopsis: Strong trade winds, shallow moisture and a mid-level trough provided some instability over the forecast area.

Today's weather review: Cloudy skies and light to moderate shower were experienced during the morning along the coast. All other locations experienced mostly cloudy skies with light to moderate showers.

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

Saturday May 05, 2018 (19:00 hrs. – 07:00 hrs.)			Sunday May 06, 2018 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions	Partly cloudy skies are likely along the coast. Skies are forecast to become cloudy with light to moderate showers during the early morning hours. All other locations are likely to experience mostly cloudy skies with light to moderate showers. <u>Winds:</u> North-easterly between 2 m/s and 4 m/s. <u>Minimum temperatures:</u> Coast: 22 °C – 25°C Hinterland: 16 °C – 22 °C	Regions	Weather Conditions	Cloudy skies with a few showers are likely along the coast during the morning hours. Conditions are likely to improve as the day progresses. Mostly cloudy skies with light to moderate showers during the morning and isolated thundershowers during the afternoon are expected over all other locations. <u>Winds:</u> North-easterly to south-easterly between 3 m/s and 7 m/s, becoming gusty at times. <u>Maximum temperatures:</u> Coast: 29 °C – 31°C Hinterland: 27 °C – 32 °C
Regions 1 to 6	 Rainfall between: 5.0 mm to 15.0 mm.		Regions 2 to 6	 Rainfall between: 5.0 mm and 15.0 mm	
All other location	 Rainfall between: 10.0 mm to 45.0 mm.		All other locations	 Rainfall between: 5.0 mm to 30.0 mm.	

The long-term daily average rainfall for Georgetown, for the next 10 days, May 05, 2018 to May 14, 2018 is 8.2 per day.



Infra-red Satellite and radar images valid 19:15 UTC (15:15hrs) Saturday May 05, 2018

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

Warnings:

Tonight(May 05, 2018)	Tomorrow Morning(May 06, 2018)	Tomorrow Afternoon(May 06, 2018)
High Tide 19:35hrs Height 2.41	Low Tide 01:29hrs Height 1.32m High Tide 07:52hrs Height 2.36m	Low Tide 14:29hrs Height 1.05m
Sunrise	05:37hrs	Sunset
		18:00hrs

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

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Extended Forecast

Monday thru' Friday: Cloudy skies are likely along the coast during the early to mid-morning hours. Conditions are expected to improve during the afternoon and evening hours. Rainfall is likely to range between **5 mm and 25 mm**. Regions 7 to 10 may experience mostly cloudy skies, becoming overcast at times. Mostly light to moderate showers and with isolated heavy showers are expected. However, thundershowers are likely over regions 8 and 9 on Wednesday and Thursday. Rainfall is likely to range between **20 mm and 60 mm** with the maximum over areas with heavy rainfall and 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

Senior Meteorologist: L. Alves

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