



*MINISTRY OF AGRICULTURE
HYDROMETEOROLOGICAL SERVICE*

WEATHER BRIEF for Saturday June 11, 2016 from the Hydrometeorological Service, Guyana
Rainfall record for the past 24 hours, measured at 08:00 hrs Saturday, June 11, 2016, was available for most stations.
The highest rainfall of 54.1 mm was recorded at Kabakaburi in Region 2.

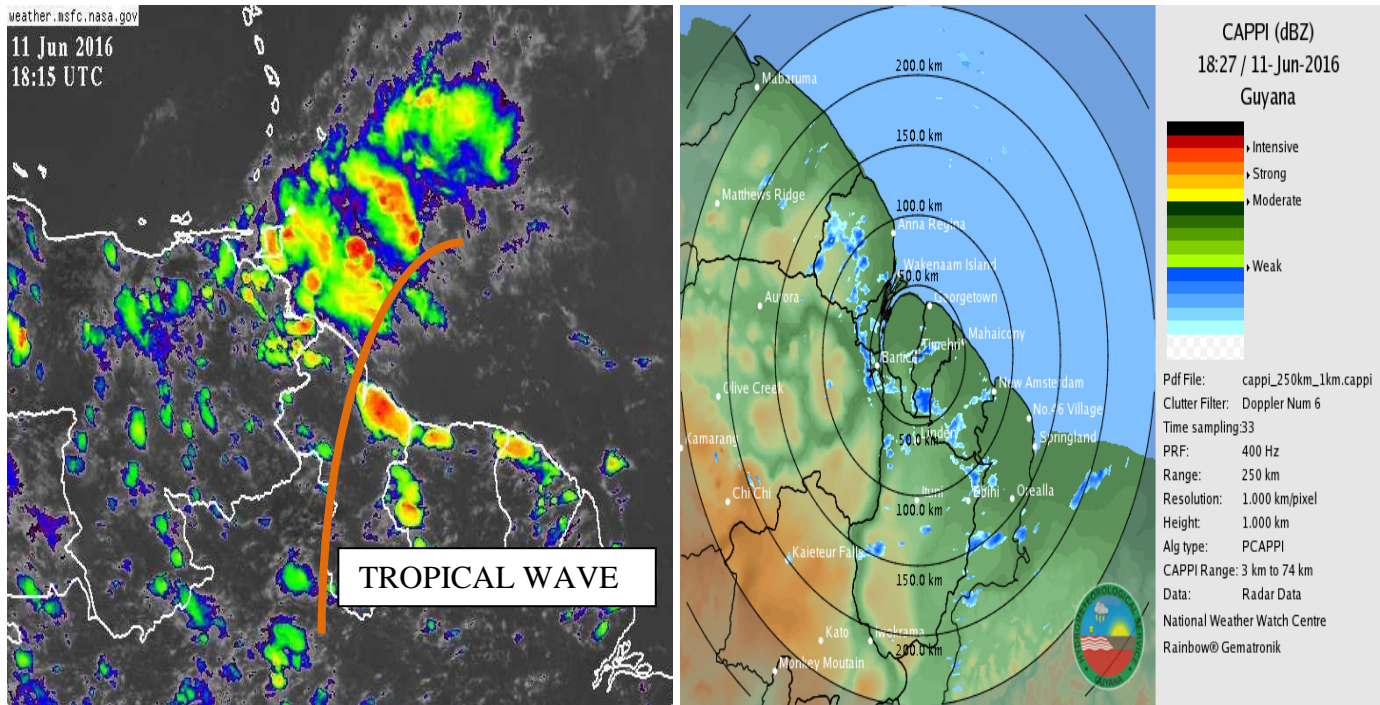
Synopsis: A tropical Wave is currently affecting Guyana and will continue to affect Guyana over the next 6-8 hours producing occasional showers and isolated thundershowers. Thereafter this pattern will change allowing fair weather conditions to prevail

Today's weather review: Fair and sunny conditions became cloudy to occasionally overcast in coastal areas with showers and thundershowers.

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

Saturday June 11, 2016 (19:00 hrs – 07:00 hrs)			Sunday June 12, 2016 (07:00 hrs – 19:00 hrs)		
Regions	Weather Conditions		Regions	Weather Conditions	
1 to 5	 Rainfall between: 0.0 mm and 15.0 mm	<i>Mostly fair weather can be expected in coastal areas with early morning cloudiness and passing showers. All other locations will see mostly cloudy skies with occasional showers and isolated thundershowers.</i> <u>Winds:</u> mostly light	1 to 10	 Rainfall between: 0.0 mm and 25.0 mm	<i>Morning cloudy spells with scattered showers becoming fair and sunny in the afternoon. Near inland and inland areas can expect isolated thundershowers in the afternoon.</i> <u>Winds:</u> Breezy becoming light at times <u>Maximum temperatures:</u> Coast: 30 °C – 32°C Hinterland: 31 °C – 34 °C
6 to 10	Rainfall: 0.0 mm and 25 mm	<u>Minimum temperatures:</u> Coast: 23 °C – 25°C Hinterland: 21 °C – 24 °C			

The long-term daily average rainfall for Georgetown, for the next 10 days, June 11 to June 20, 2016 is 11.7mm per day.



Infra-red Satellite image valid: 18:15UTC (14:15 hrs) Saturday June 11, 2016

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

Tonight (June 11, 2016)		Tomorrow Morning (June 12, 2016)		Tomorrow Afternoon (June 11, 2016)	
High Tide 21:55hrs Height 2.49m		Low Tide 03:39 hrs Height 1.15m High Tide 09:21 hrs Height 2.39m		Low Tide 16:01 hrs Height 1.22m	
Sunrise		05:36hrs	Sunset		18:07 hrs

Sea conditions: Slight to moderate seas with wave heights between 1.5 to 2.0 meters in open waters.

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Extended Forecast

Monday, Wednesday and Thursday, mostly fair to sunny skies can be expected across Guyana with afternoon thunderstorms in some areas. *No significant rainfall expected.*

Tuesday, Friday and Saturday, cloudy to overcast skies with occasional showers and isolated thundershowers can be expected. Areas of southern Guyana will observe showers mostly in the evening. *Rainfall values will range between 0.0 mm to 45.0 mm within 24 hours.*

Seasonal Information (UPDATED)

La Niña is favoured to develop during the Northern Hemisphere summer (June to August) 2016, with about a 75% chance of La Nina during the fall and winter 2016 – 17 (September to February).

Please note that El Niño conditions do not imply that no rainfall is likely, but that reduced rainfall can be expected.

According to the ENSO update issued on Thursday 12 May, 2016, during the month of April 2016, El Niño conditions continued to weaken. This was evident in the sea surface temperature (SST) anomalies across the equatorial Pacific Ocean, with near-to-below average SSTs recently emerging in the eastern Pacific during mid-April. While oceanic anomalies are clearly trending toward ENSO-neutral, many atmospheric anomalies were still consistent with El Niño, such as the negative equatorial and traditional Southern Oscillation indices. Enhanced convection continued over the central tropical Pacific and was suppressed north of Indonesia. Collectively, these anomalies reflect a weakening El Niño and a trend toward ENSO-neutral conditions during the Northern Hemisphere Summer 2016. The forecaster consensus favours La Niña onset during the summer (June to August), mainly weighting the dynamical models and observed trends toward cooler-than-average conditions. Overall, La Niña is favoured to develop during the Northern Hemisphere summer 2016, with about a 75% chance of La Nina during the fall and winter 2016-17. With the likelihood of ENSO neutral conditions, Guyana can expect above normal rainfall amounts during May 2016, as moderate to heavy rainfall can be experienced due to the passage of low to mid-level troughs, confluent in the trade winds and the meandering of the Inter-tropical Convergence Zone (ITCZ). The Caribbean Climate Outlook Forum (CARICOF) precipitation outlook, for the period May-June-July indicates that Guyana can expect above normal (40 % probability) to normal (35 % probability) rainfall. These models are also indicating an above normal (50 %) to normal (30 %) temperature for the same period.

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

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