

**HYDROMETEOROLOGICAL SERVICE**  
**MINISTRY OF AGRICULTURE**

**WEATHER BRIEF for Friday June 17, 2022 from the Hydrometeorological Service, Guyana**





Rainfall records for the past 24 hours, measured at 08:00 hrs Friday June 17, 2022 were available for most of the stations.

**The highest rainfall recorded was 31.1 mm at Santa Rose in Region 1.**

**Synopsis:** The strongest instabilities were observed over Inland areas of Regions 1 to 6 and these instabilities move further Inland as the day progressed. Surface confluence coupled with a low to mid-level trough was mostly responsible for these conditions. The ITCZ was also analyzed to the North over in the Atlantic but was only affected areas over Region 1. This feature is expected to become more established over Coastal Guyana as the weekend approaches and is expected to maintain that position as we move into the new week. Southern Guyana saw mild instabilities throughout the day as drier conditions were seen from the mid to upper levels. Meteorological models are indicating another wave is expected from Saturday night into Sunday morning which will likely affect most of Northern Guyana.

**Today's weather review:** Mostly cloudy to overcast skies were observed over Inland areas of Regions 1 to 6 and Regions 7 and 10. These conditions were accompanied by scattered showers, intermittent rain and isolated thundershowers. All other areas observed partly cloudy to cloudy skies with isolated showers.

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

Friday June 17, 2022 (19:00 hrs. – 07:00 hrs.)			Saturday June 18, 2022 (07:00 hrs. – 19:00 hrs.)		
Regions	Weather Conditions		Regions	Weather Conditions	
Regions 1 to 8 and 10	 <b>Rainfall between: 15.0 mm to 40.0 mm with the highest expected Regions 1,2 and 7.</b>	Partly cloudy skies are likely to be experience over Coastal Regions 1 to 5 during the evening hours. Conditions are expected to deteriorate from the morning hours as mostly cloudy to overcast skies with scattered showers of varying intensities and intermittent rain can be expected. Isolated thundershowers are also likely over Regions 1 to 4. Region 6 and Inland areas can likely expect mostly cloudy skies with occasional showers and intermittent rain throughout the night. Isolated thundershowers are also likely over. Region 9 can expect partly cloudy to cloudy skies with few isolated showers.	Regions 1 to 8 and 10	 <b>Rainfall between: 10.0 mm to 25.0 mm.</b>	Cloudy skies are likely to be experience over Coastal Guyana during the morning hours with isolated showers and intermittent rain. Improvements in conditions are expected from the early afternoon hours as partly cloudy skies can be expected. Inland areas can expect mostly cloudy skies with scattered showers varying mostly from light to moderate from the afternoon hours while Region 9 will likely experience partly cloudy to cloudy skies with isolated showers.
Region 9	 <b>Rainfall between: 0.0 mm to 10.0 mm</b>	<b>Winds:</b> Easterly to South-Easterly at 3 to 5 m/s. Variable over Inland areas. Gusty during thundershowers.  <b>Minimum temperatures:</b> Coast: 21 °C – 24 °C Hinterland: 18 °C – 21 °C	Region 9	 <b>Rainfall between: 0.0 mm to 10.0 mm</b>	<b>Winds:</b> North-Easterly at between 4 m/s and 6 m/s.  <b>Maximum temperatures:</b> Coast: 27 °C – 30 °C Hinterland: 28 °C – 30 °C

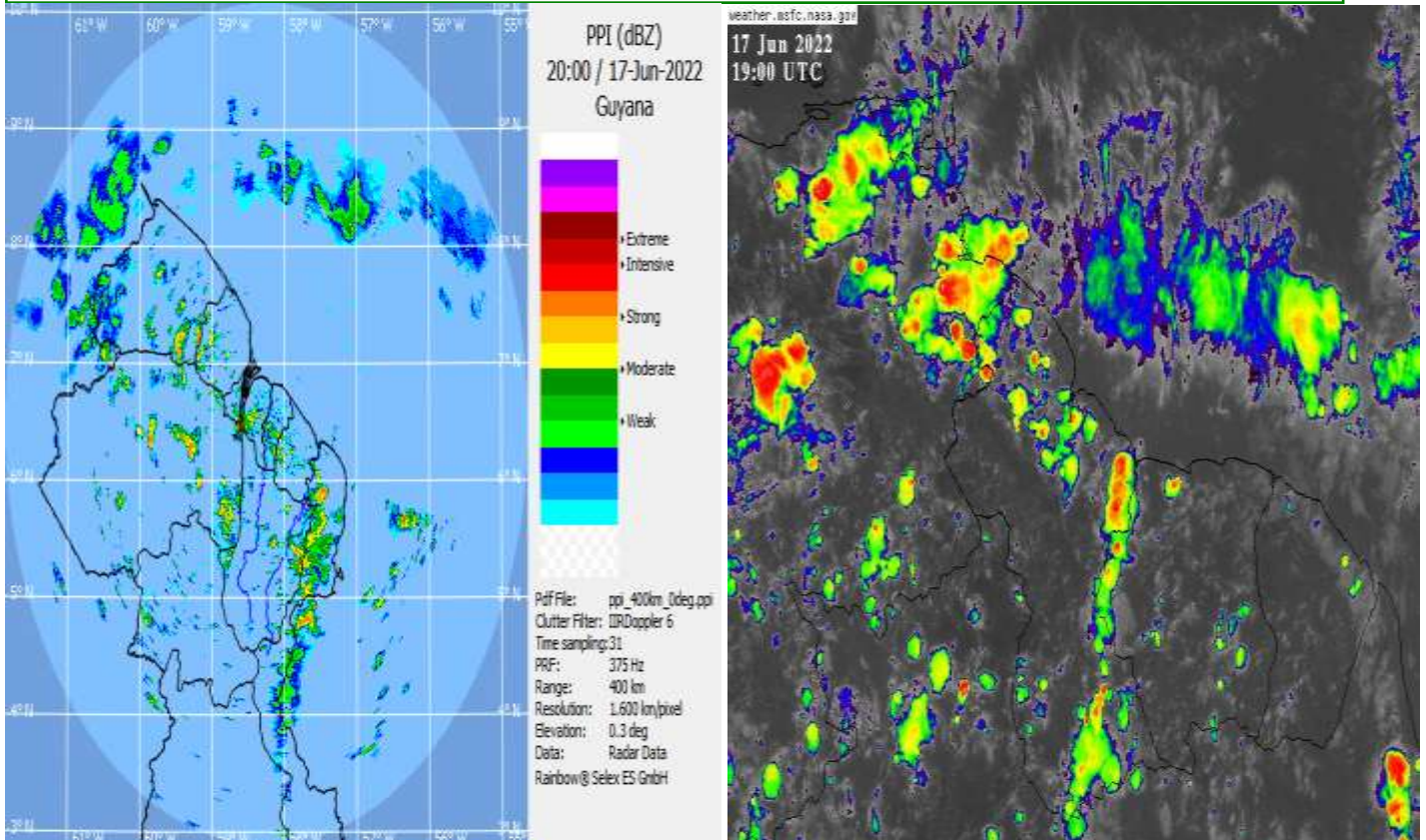
The long-term daily average rainfall for Georgetown, for the next 10 days, June 17, 2022 to June 28, 2022 is 11.1 mm per day.

**Severe Weather Warnings:** SOILS MAY ALREADY BE HIGHLY SATURATED FROM HEAVY RAINFALL, HENCE FORECAST CONDITIONS MAY LEAD TO FLOODING/EXACERBATE FLOODING IN FLOOD PRONE AREAS. HILLY AREAS MAY SEE MUDSLIDES. AREAS WITH THUNDERSHOWERS MAY ALSO EXPERIENCE LIGHTNING AND HIGH WINDS. RESIDENTS ARE ASKED TO TAKE NECESSARY PRECAUTIONS TO SAFEGUARD AGAINST FLOODING, MUDSLIDES, WIND AND LIGHTNING DAMAGE.

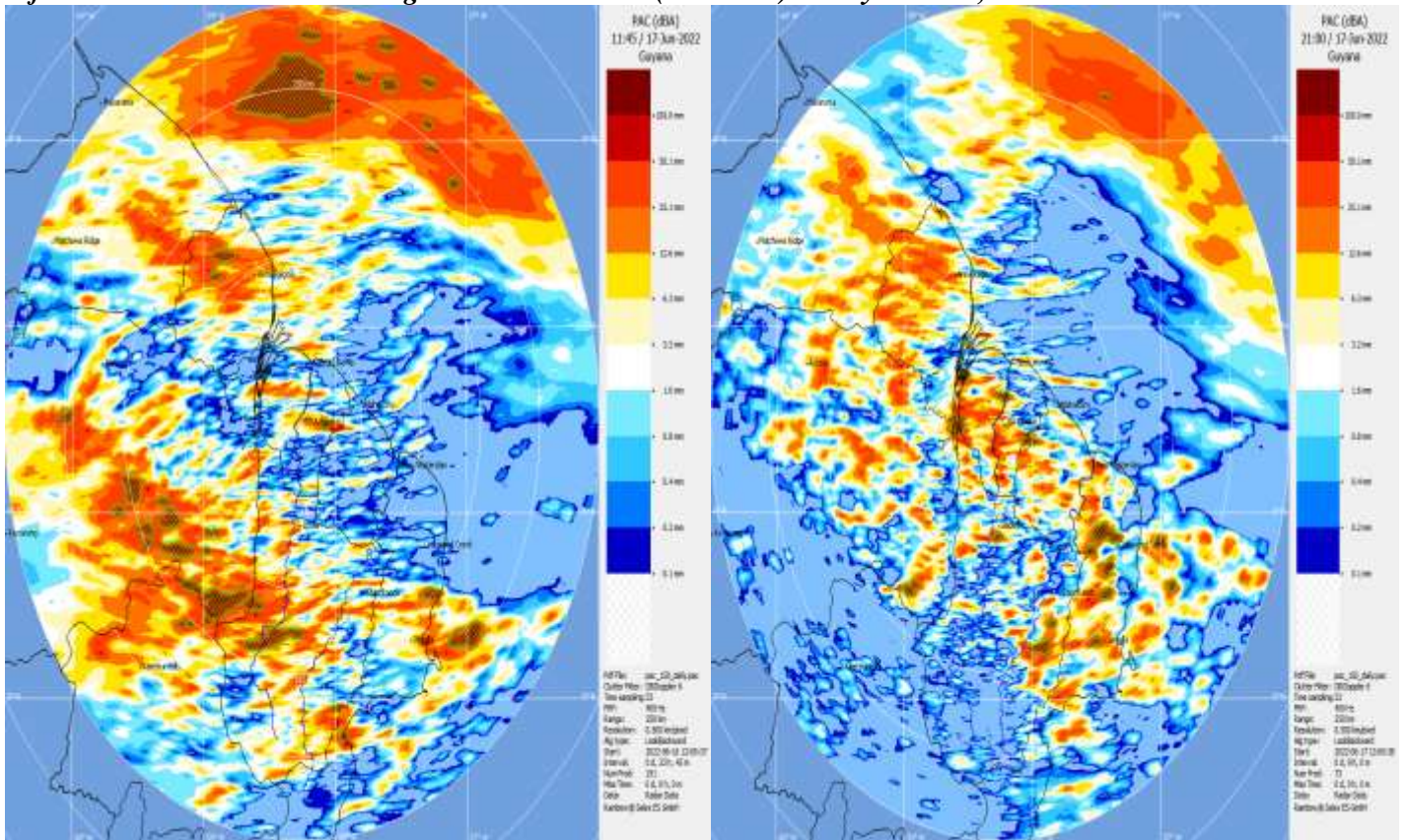
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**Infra-red Satellite and Radar images valid 19:00 UTC (15:00 hrs) Friday June 17, 2022.**



**Radar generated precipitation estimates. Twenty-four and nine hours' rainfall valid 7 hrs and 16 hrs, 17 June 2022.**

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

Tonight (June 17, 2022)	Tomorrow Morning (June 18, 2022)		Tomorrow Afternoon (June 18, 2022)
_____	<b>Low Tide 00:36 hrs</b> <b>Tide Height 0.90 m</b>  <b>High Tide 06:58 hrs</b> <b>Tide Height 2.95 m (above normal)</b>		<b>Low Tide 13:15 hrs</b> <b>Tide Height 0.48 m</b>
<b>Sunrise:</b>	<b>05:37 hrs.</b>	<b>Sunset:</b>	<b>18:08 hrs.</b>

**HIGH TIDE ADVISORY: CITIZENS ARE ADVISED THAT ABOVE NORMAL HIGH TIDE ADVISORY IS IN EFFECT AND WILL CONTINUE UNTIL SUNDAY JUNE 19, 2022. RESIDENTS OF LOW LYING, RIVERINE, AND FLOOD PRONE AREAS ARE ADVISED TO TAKE THE NECESSARY PRECAUTIONS AGAINST FLOODING AS OVER-TOPPING IS LIKELY.**

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**Sea conditions: MODERATE SEAS WITH NORTH-EASTERLY TO EASTERLY WAVES REACHING HEIGHTS OF 2.0 TO 2.5 METERS IN OPEN WATERS. THESE WAVES ARE LIKELY TO HAVE PERIODS OF BETWEEN 8 S AND 10 S. WINDS ARE EXPECTED TO BE TO NORTH-EASTERLY TO EASTERLY BETWEEN 7 M/S TO 10 M/S.**

**Extended Forecast**

**Sunday: Mostly cloudy to overcast skies are likely to be experience over Northern Guyana during the morning hours. These conditions will likely be accompanied by frequent showers of varying intensities and continuous rain. Thundershowers are also likely over Regions 1 to 4 and 7. Conditions will likely improve as the day progresses. **Rainfall is expected to range between 30.0 mm to 80.0 mm within a 24 hours' period.** Southern Guyana will likely experience partly cloudy to cloudy skies with scattered showers varying mostly from light to moderate. **Rainfall is expected to range between 5.0 mm to 15.0 mm within a 24 hours' period.****

**Monday, Wednesday and Thursday: Cloudy skies with scattered showers of varying intensities can be expected over Northern Guyana. Coastal Guyana will likely experience these conditions during the morning period and Inland areas can expect these conditions from the afternoon hours. **Rainfall is expected to range between 15.0 mm 40.0 mm within a 24 hours' period with the highest expected over Regions 1, 2 and 7.** Southern Guyana will likely experience partly cloudy to cloudy skies with scattered showers varying mostly from light to moderate. **Rainfall is expected to range between 5.0 mm to 15.0 mm within a 24 hours' period.****

**Tuesday: Partly cloudy to cloudy skies are likely to be experience over Coastal Guyana during the morning hours with isolated showers with conditions expected to improve from the mid-morning as partly cloudy to fair skies can be expected. Inland and Southern Guyana can expect cloudy skies with scattered showers varying mostly from light to moderate from the afternoon hours. **Rainfall is expected to range between 5.0 mm to 25.0 mm within a 24 hours' period.****

For the Current Regional climate forecast please see the latest Seasonal Climate Outlook which is available on Hydrometeorological Service's website <https://hydromet.gov.gy>

Update in the bulletin is provided daily by the Hydromet Service

Meteorologist: Satesh Nanlall

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