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**Annual Weather Report for Tripura during 2019**

**Temperatures**

During the year 2019, the annual mean maximum and minimum temperatures over Agartala were 1.1°C and 1.0 °C above the 1981-2010 period average. The month wise mean maximum temperatures were below the normal value during March and December and above the normal value for all other months, whereas the mean minimum temperatures were above normal value for all the months. The mean monthly maximum temperatures for the months of January, May, August and September were warmer by 2°C or more than the normal. For eight months of the year (May to December), mean monthly minimum temperatures were warmer by 1°C or more, with the highest departure during November (2.0°C).

Month	Maximum Temperatures (°C)		Minimum Temperatures (°C)	
	Monthly Mean	Departure from Normal	Monthly Mean	Departure from Normal
January	27.2	2.0	10.9	0.4
February	28.7	0.5	14.2	0.3
March	31.5	-0.2	19.2	0.3
April	34.1	1.2	22.8	0.4
May	35.1	2.5	25.3	1.9
June	34.2	1.9	26.2	1.0
July	33.2	1.6	26.3	1.1
August	34.2	2.0	26.4	1.2
September	33.9	2.1	26.1	1.5
October	32.0	0.6	23.8	1.4
November	30.2	0.6	19.1	2.0
December	25.4	-1.2	13.4	1.3
Annual	<b>31.6</b>	<b>1.1</b>	<b>21.1</b>	<b>1.0</b>

Table 1: Mean monthly maximum and minimum temperatures and their departures from normal over Agartala during the year 2019.

The highest and lowest temperatures of 37.6°C and 8.9°C during the year 2019 was recorded at Agartala on 1<sup>st</sup> May and 31<sup>st</sup> January 2019 respectively.

**Month wise Extreme values of Temperatures in 2019:**

The maximum temperature 37.2°C on 22<sup>nd</sup> August 2019 is the new all-time highest ever temperature recorded over Agartala in the month of August. The previous highest temperature in the month of August was 36.5°C (on 25<sup>th</sup> August 2016). This year, the same record was broken twice, as the maximum temperature reached 36.6°C on 13<sup>th</sup> August 2019 also.

**Rainfall**

The annual rainfall over Tripura was 11% less than normal. During the southwest monsoon season, rainfall departure was -5% over the state. It was -26% during pre-monsoon season. Month wise, the departures were positive for February, July and November and were negative for all other months.

Station wise, Kamalpur recorded the highest annual rainfall of 4168.3 mm and highest number of heavy rainfall events (20). During the southwest monsoon season also, Kamalpur received the highest rainfall of 2748.5 mm with 14 heavy rainfall events. The lowest annual rainfall was recorded at Bishalgarh (1445.8 mm) and during the southwest monsoon season the lowest rainfall was recorded at Udaipur (1055.1 mm).

The highest 24 hours' rainfall of 268.0 mm during the year was recorded at Kamalpur on 14<sup>th</sup> June 2019.

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