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Ministry of Earth Sciences (MoES)  
भारत मौसम विज्ञान विभाग



INDIA METEOROLOGICAL DEPARTMENT  
Climate Research and Services (CRS)

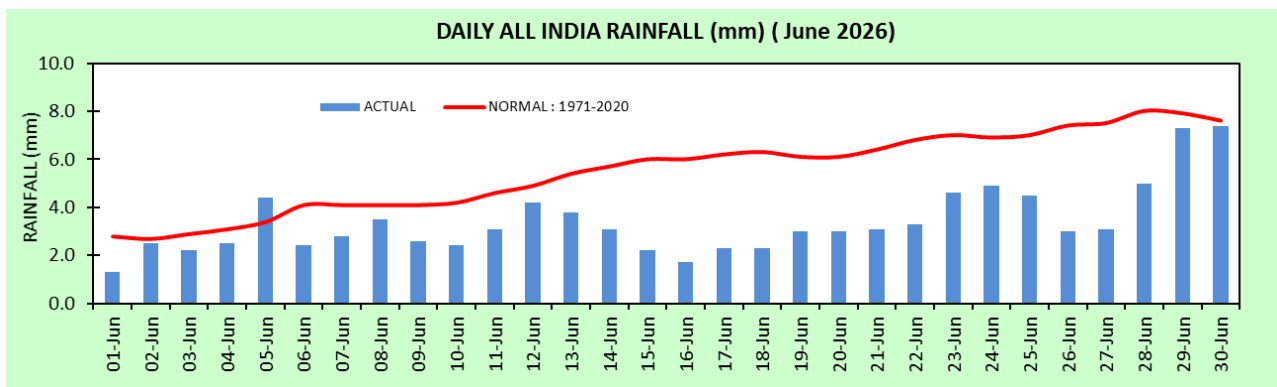
Monthly Climate Summary for June 2026

**1. Monthly Rainfall Scenario (01 to 30 June, 2026)**

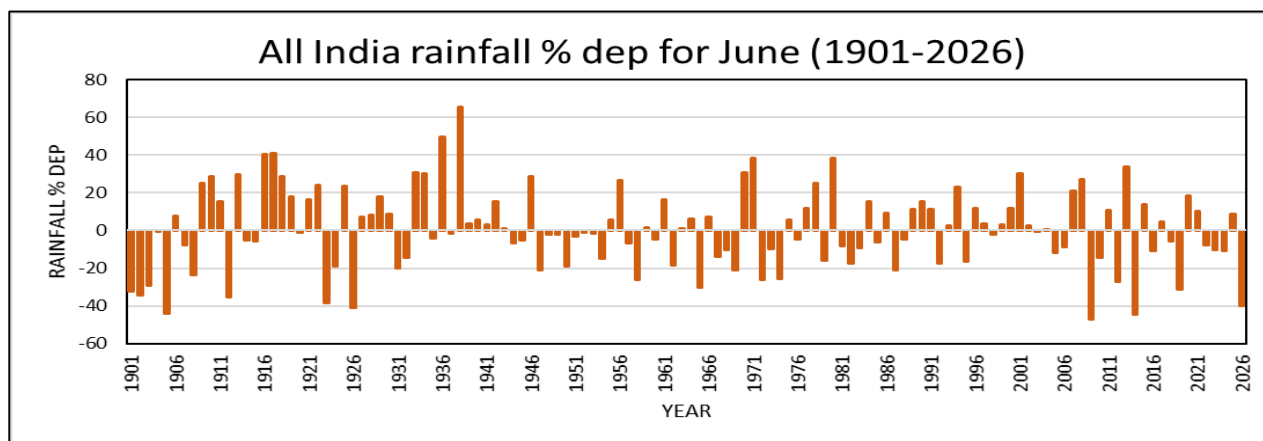
The country as a whole received 103 mm of rainfall during June 2026, which was 38% below the Long Period Average (LPA) of 165.3 mm. This indicates that rainfall during the month was below normal across the country.

The daily variation of rainfall over the country as a whole during June 2026, along with the climatological normal based on the 1971–2020 period, is presented in Fig. 1(a). Daily rainfall remained below normal throughout the month, except on 5<sup>th</sup> June 2026, when it exceeded the normal value. The all-India rainfall percentage departure from normal for the month of June during the 1901–2026 period is shown in Fig. 1(b).

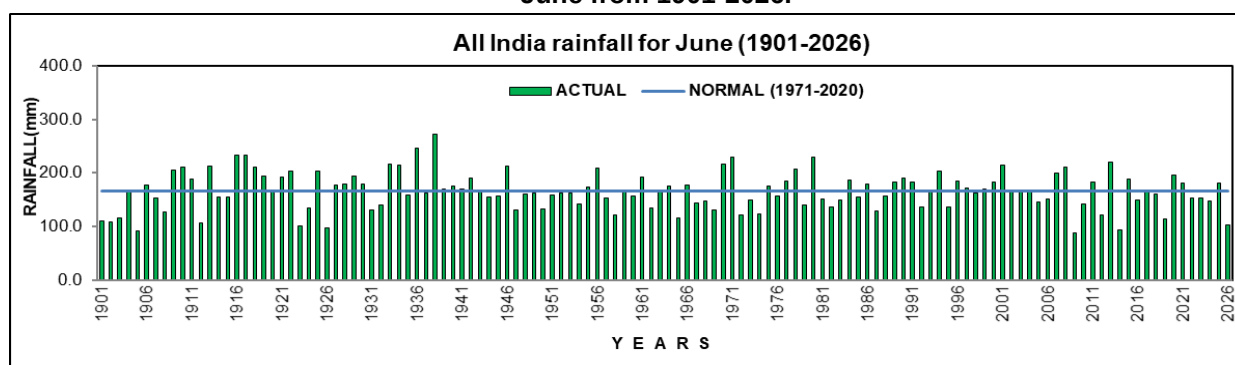
The all-India rainfall during June 2026 was 103 mm, making it the sixth lowest June rainfall since 1901, as shown in Fig. 1(c). The five years with lower June rainfall were 2009 (87.6 mm), 1905 (91.9 mm), 2014 (92.8 mm), 1926 (96.7 mm) and 1923 (101.6 mm). Rainfall over East and Northeast India during June 2026 was 202.6 mm, the second lowest June rainfall recorded since 1901 after the year 2009 (198 mm), as presented in Fig. 1(d). Rainfall over Central India during June 2026 was 84.4 mm, ranking as the seventh lowest June rainfall since 1901, as shown in Fig. 1(e).



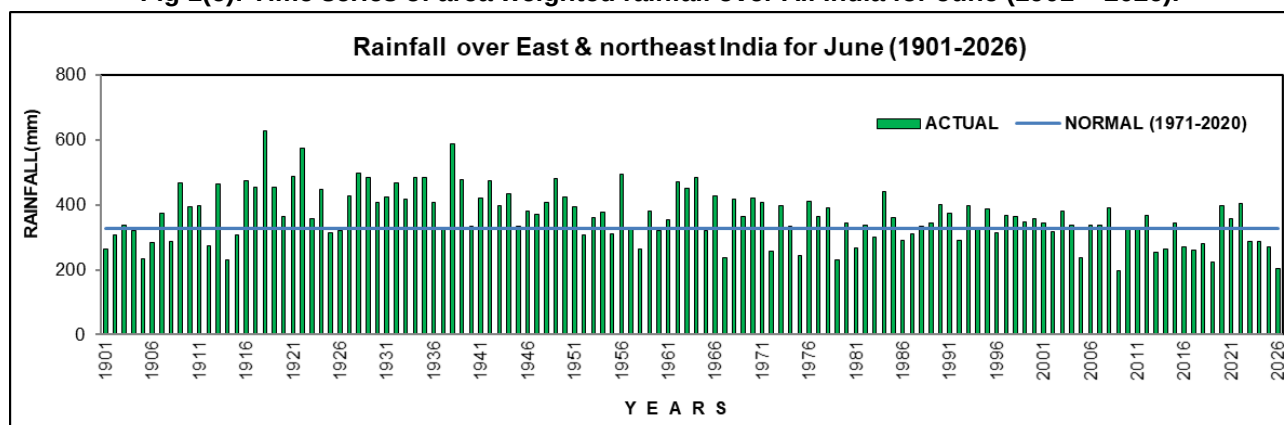
**Fig.1 (a): Daily variation of rainfall over the country as a whole during June 2026.**



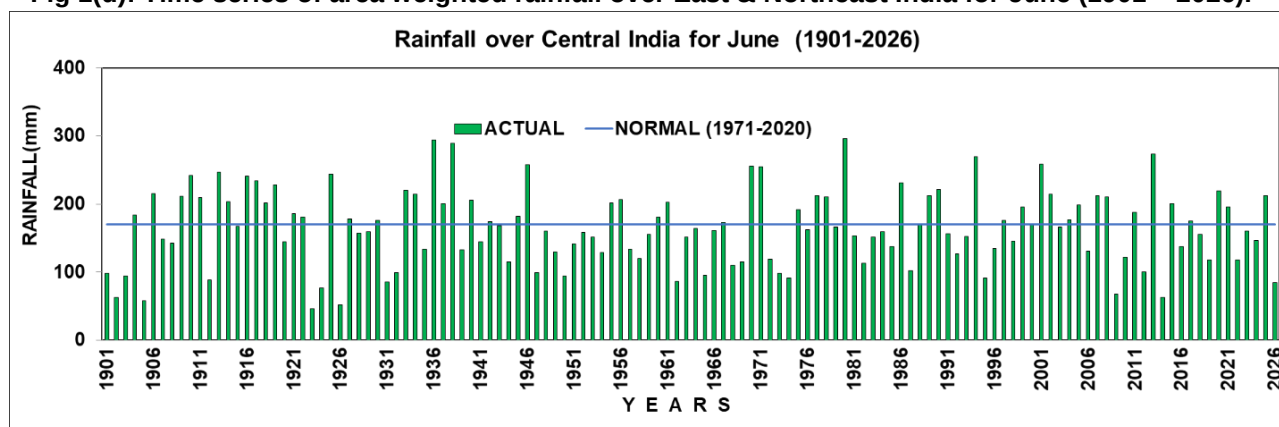
**Fig 1(b): All India monthly rainfall percentage departure from normal (1971-2020) for June from 1901-2026.**



**Fig 1(c): Time series of area weighted rainfall over All India for June (1901 – 2026).**



**Fig 1(d): Time series of area weighted rainfall over East & Northeast India for June (1901 – 2026).**



**Fig 1(e): Time series of area weighted rainfall over Central India for June (1901 – 2026).**

The monthly rainfall for June 2026 is given in the table below:

| Regions                | Actual Rainfall (mm) | Normal Rainfall (mm) | % Departure from LPA |
|------------------------|----------------------|----------------------|----------------------|
| Country as a whole     | 102.5                | 165.3                | -38.0                |
| Northwest India        | 53.4                 | 78.1                 | -32.0                |
| Central India          | 84.4                 | 170.3                | -50.0                |
| South Peninsula        | 129.3                | 161.0                | -20.0                |
| East & Northeast India | 202.6                | 328.4                | -38.0                |

During June 2026, 3 meteorological subdivisions—Andaman & Nicobar Islands, Tamilnadu, Puducherry & Karaikal and Sub-Himalayan West Bengal & Sikkim—received excess rainfall. Eight subdivisions received normal rainfall, while 22 subdivisions experienced deficient rainfall and 3 subdivisions received large deficient rainfall (Fig 2).

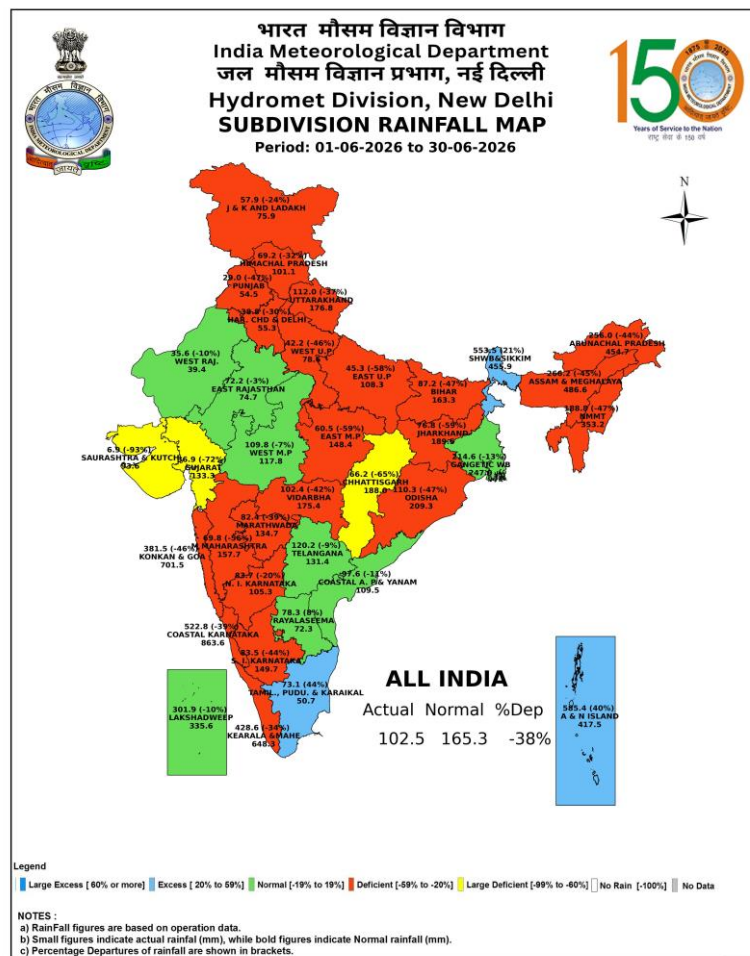
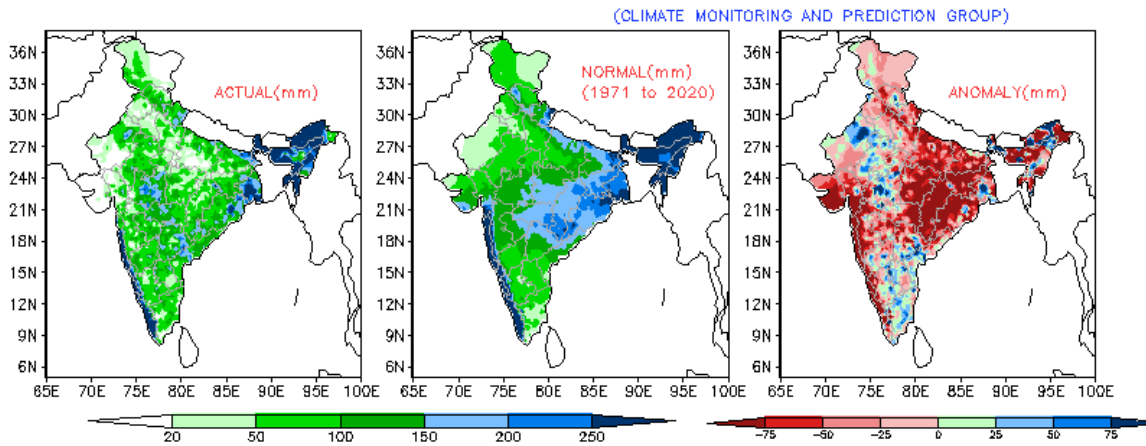


Fig 2: Subdivision-wise rainfall distribution for June 2026.

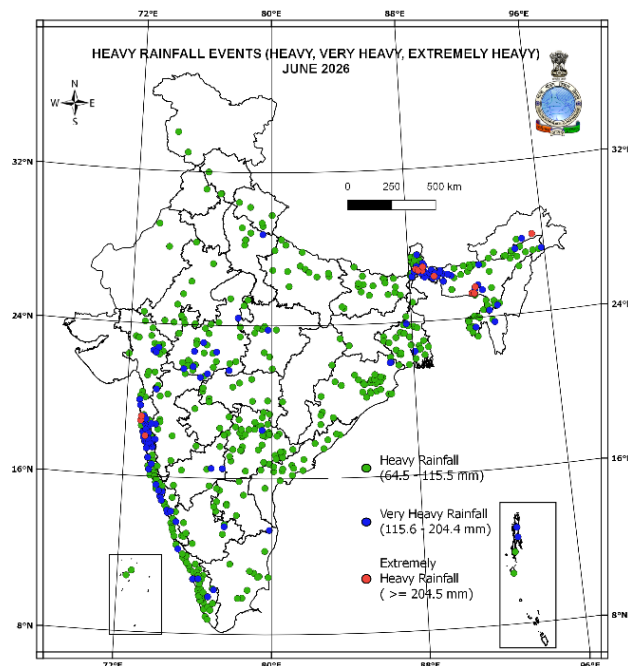
The observed spatial distribution of rainfall during June 2026, normal rainfall based on data for the period of 1971 to 2020 and rainfall departures from normal during June 2026 are shown in Fig. 3.



**Fig. 3: Observed spatial Rainfall pattern for the month June 2026 over India and their departure from normal (1971 to 2020 period). Departure from normal is anomaly = actual rainfall - normal rainfall.**

## 2. Frequency of Heavy Rainfall events

Despite the below-normal monthly rainfall, June 2026 witnessed numerous heavy rainfall events across most parts of the country. Very heavy and extremely heavy rainfall events were concentrated primarily along the west coast, Northeast India, and parts of eastern India. The spatial distribution of these events is presented in Fig. 4. A total of 546 heavy rainfall events were recorded during the month, comprising 434 Heavy Rainfall events (64.5–115.5 mm), 99 Very Heavy Rainfall events (115.6–204.4 mm), and 13 Extremely Heavy Rainfall events (>204.4 mm). Some stations from East Siang (Arunachal Pradesh), East Khasi Hills, South West Khasi Hills (Meghalaya), Cooch Behar, Darjeeling, Jalpaiguri (West Bengal), Mumbai City, Raigad (Maharashtra) districts reported extremely heavy rainfall. These observations indicate that, although the overall monthly rainfall was deficient, several regions experienced intense rainfall episodes over short durations.



**Fig. 4: The location of occurrences of Heavy, Very Heavy and Extremely Heavy rainfall events in the month of June 2026.**  
(Only highest category of rainfall event considered for a station)

### 3. Chief Synoptic weather features observed during June 2026.

Monsoon set in over Kerala on 4<sup>th</sup> June 2026, with a delay of 3 days relative to the climatological normal onset date of 1<sup>st</sup> June. Southwest Monsoon further advanced gradually into entire south, east and northeast India and many parts of central India and some parts of Northwest India by 30<sup>th</sup> June, 2026. Fig.5(a) shows isochrones of advance of southwest monsoon during June 2026.

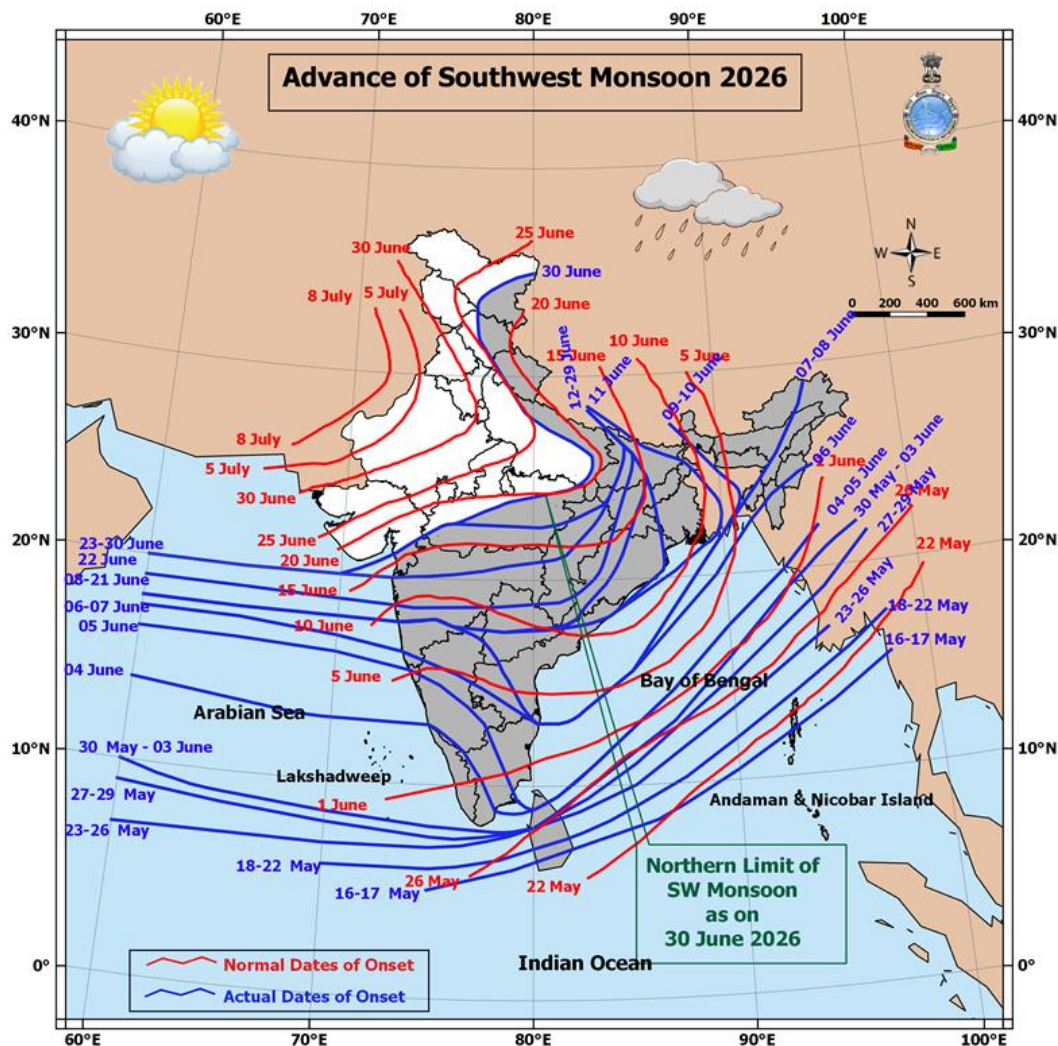


Fig. 5(a): Isochrones of the advance of southwest monsoon during the month of June 2026.

**Western Disturbances:** During June 2026, four Western Disturbances (WDs) affected the Western Himalayan Region and Northeast India. These systems were active during 3–7 June, 10–14 June, 15–18 June, and 18–30 June.

**Heatwave conditions:** East Uttar Pradesh experienced 14 days of heatwave during the month. 1 to 5 days of heatwave were observed over Coastal Andhra Pradesh, Odisha, West Uttar Pradesh and Haryana, while 6 to 10 days of heatwave were observed over Telangana and Vidarbha (Fig. 5b).



Observed Heat Wave Days (June 2026)

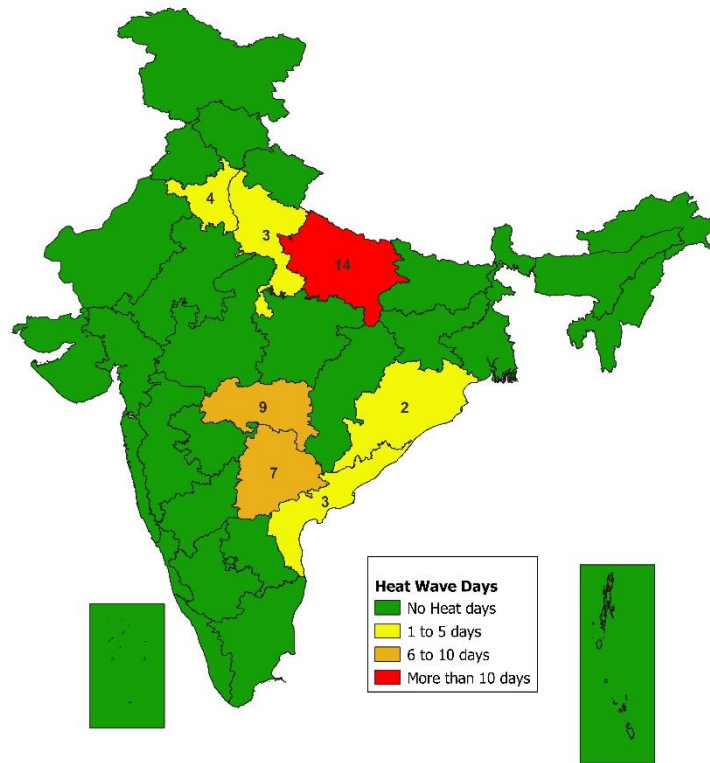


Fig. 5(b): Sub-division wise number of Heat Wave days during the month of June 2026.

**Low pressure area:** Climatologically, June witnesses an average of three low-pressure systems (LPSs), accounting for approximately 11 LPS days. However, no low-pressure area formed during June 2026, marking a significant departure from the climatological average and large deficiency in the monthly rainfall value.

#### 4. Characteristics of Temperatures for the month of June 2026

The average maximum, average minimum and mean temperature for the country as a whole during June 2026 were 35.58 °C, 25.07 °C and 30.32 °C respectively, against the normal of 34.60 °C, 24.66 °C and 29.63 °C based on data of 1991-2020. Thus, the average maximum, average minimum and mean temperature were above normal with departure from normal of 0.97 °C, 0.41 °C and 0.69 °C respectively for the country as a whole. The daily variation of maximum and minimum temperature departure from normal over the country as a whole for June 2026 is shown in the Fig. 6(a) and (b) respectively.

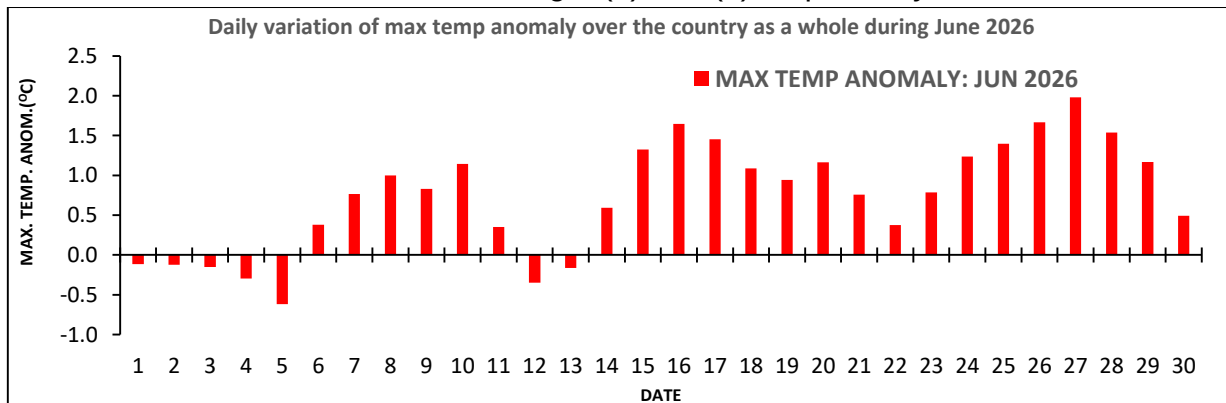
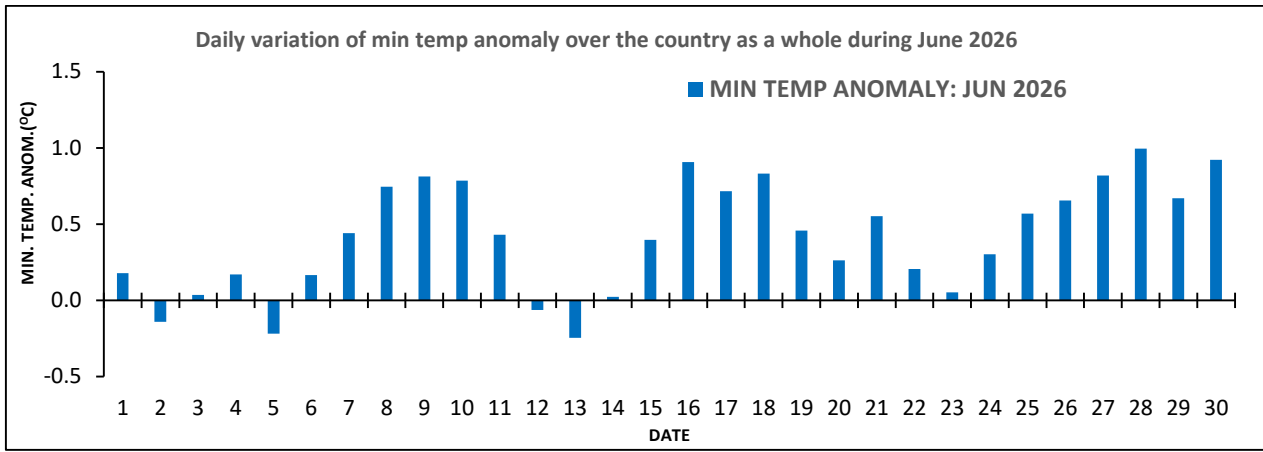
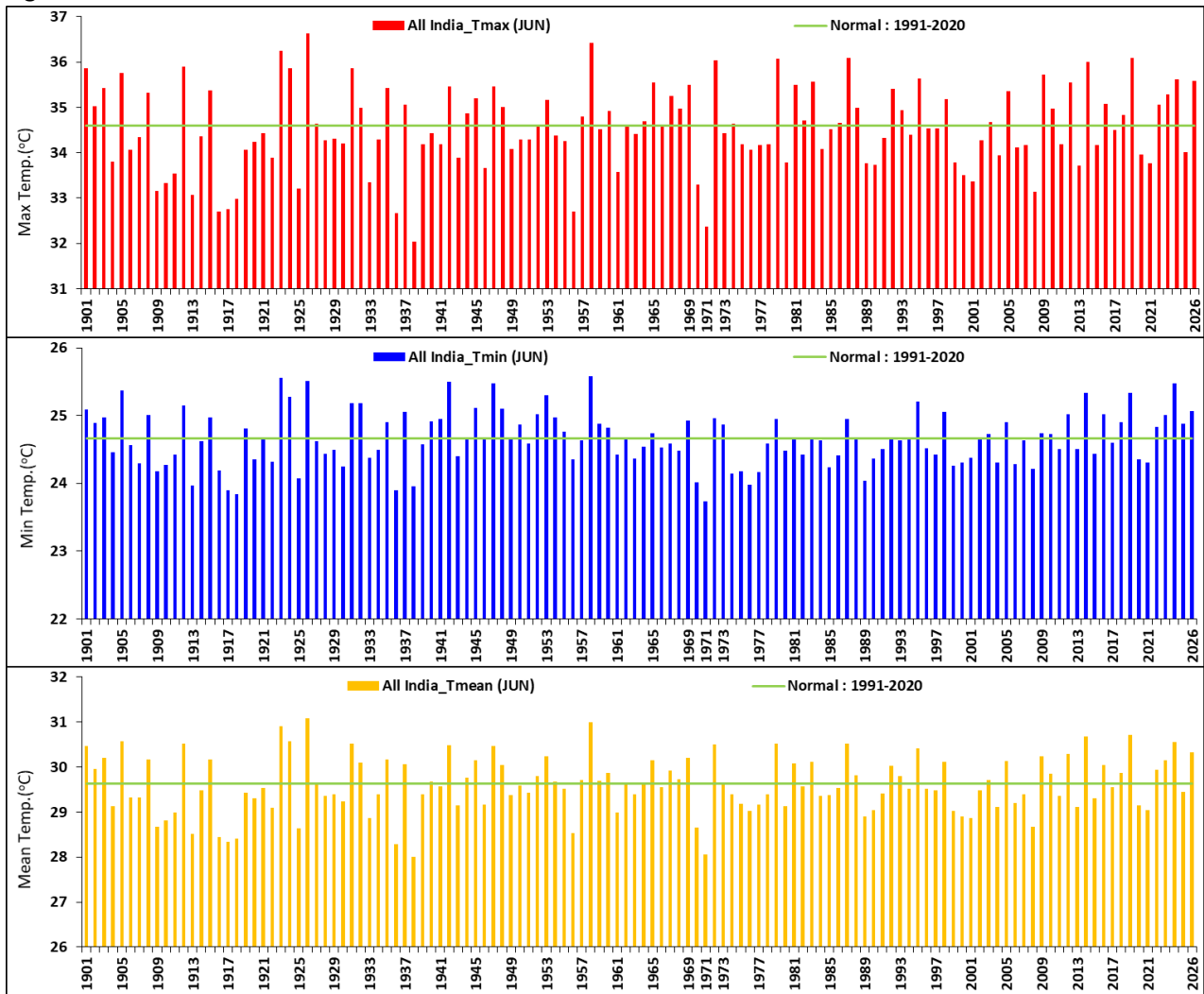


Fig. 6(a): Daily variation of maximum temperature anomaly (departure from normal) over the country as a whole for June 2026



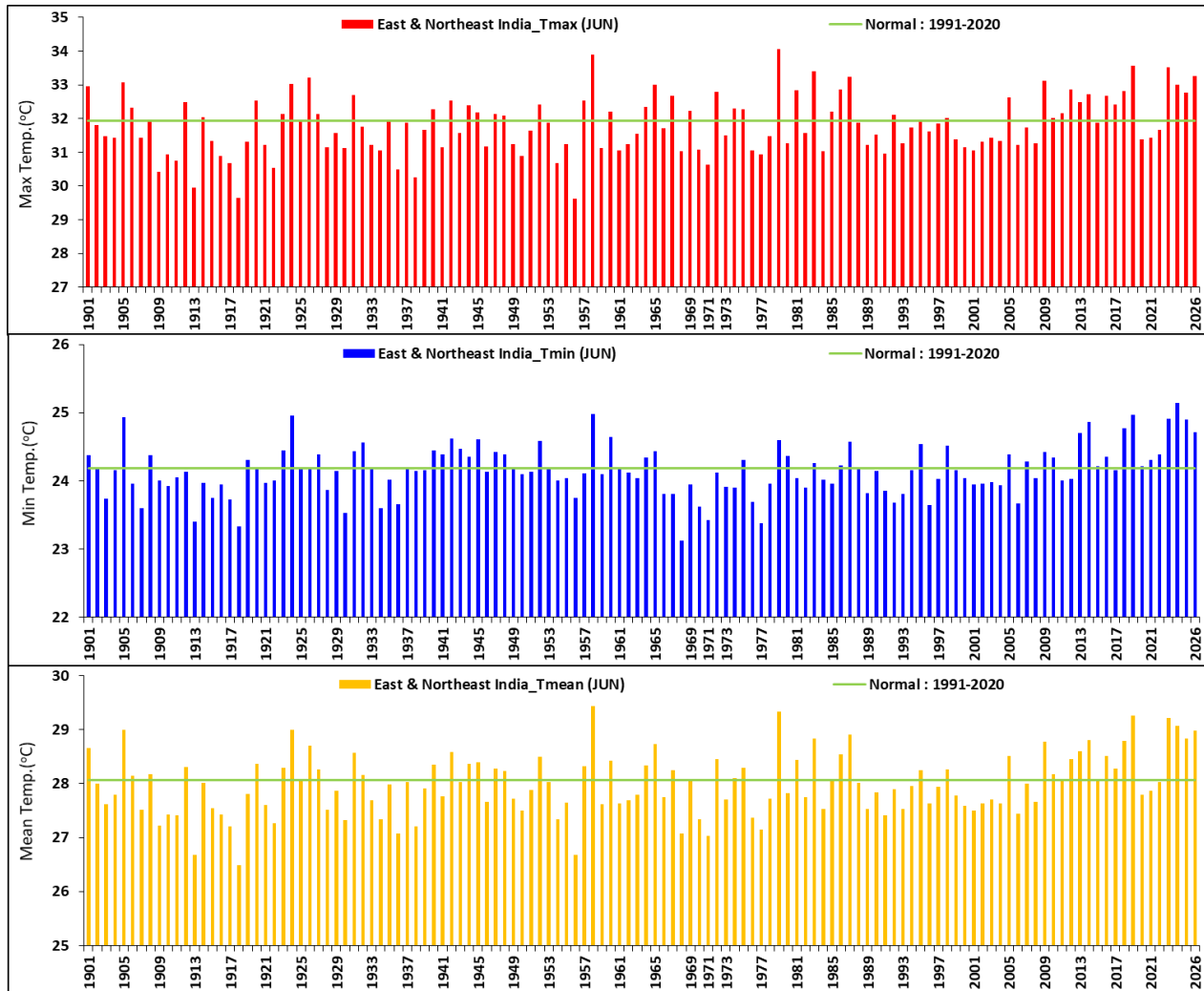
**Fig. 6(b): Daily variation of minimum temperature anomaly (departure from normal) over the country as a whole for June 2026**

Fig. 7 shows the time series of monthly average maximum, average minimum and mean temperature over the country as a whole for the month of June 1901-2026. Over the country during June, the average maximum temperature was the 17<sup>th</sup> highest and average minimum temperature was the 19<sup>th</sup> highest since 1901. The mean temperature was the 18<sup>th</sup> highest since 1901.



**Fig. 7: Time series of monthly average maximum, average minimum and mean temperature over the country as a whole for the month of June 1901-2026**

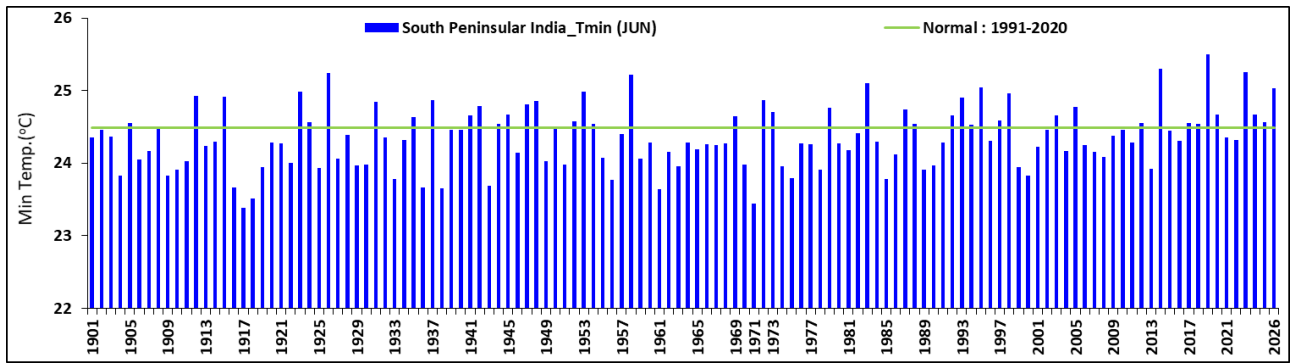
Fig.8 shows the time series of monthly average maximum, average minimum and mean temperature over the East & Northeast India for the month of June 1901-2026. Over East & Northeast India during June, the average maximum temperature was the 6<sup>th</sup> highest (33.26 °C with departure from normal of 1.32 °C) and average minimum temperature was the 10<sup>th</sup> highest (24.71 °C with departure from normal of 0.52 °C). The mean temperature was the 8<sup>th</sup> highest (28.98 °C with departure from normal of 0.92 °C) since 1901.



**Fig. 8: Time series of monthly average maximum, average minimum and mean temperature over the East & Northeast India for the month of June 1901-2026**

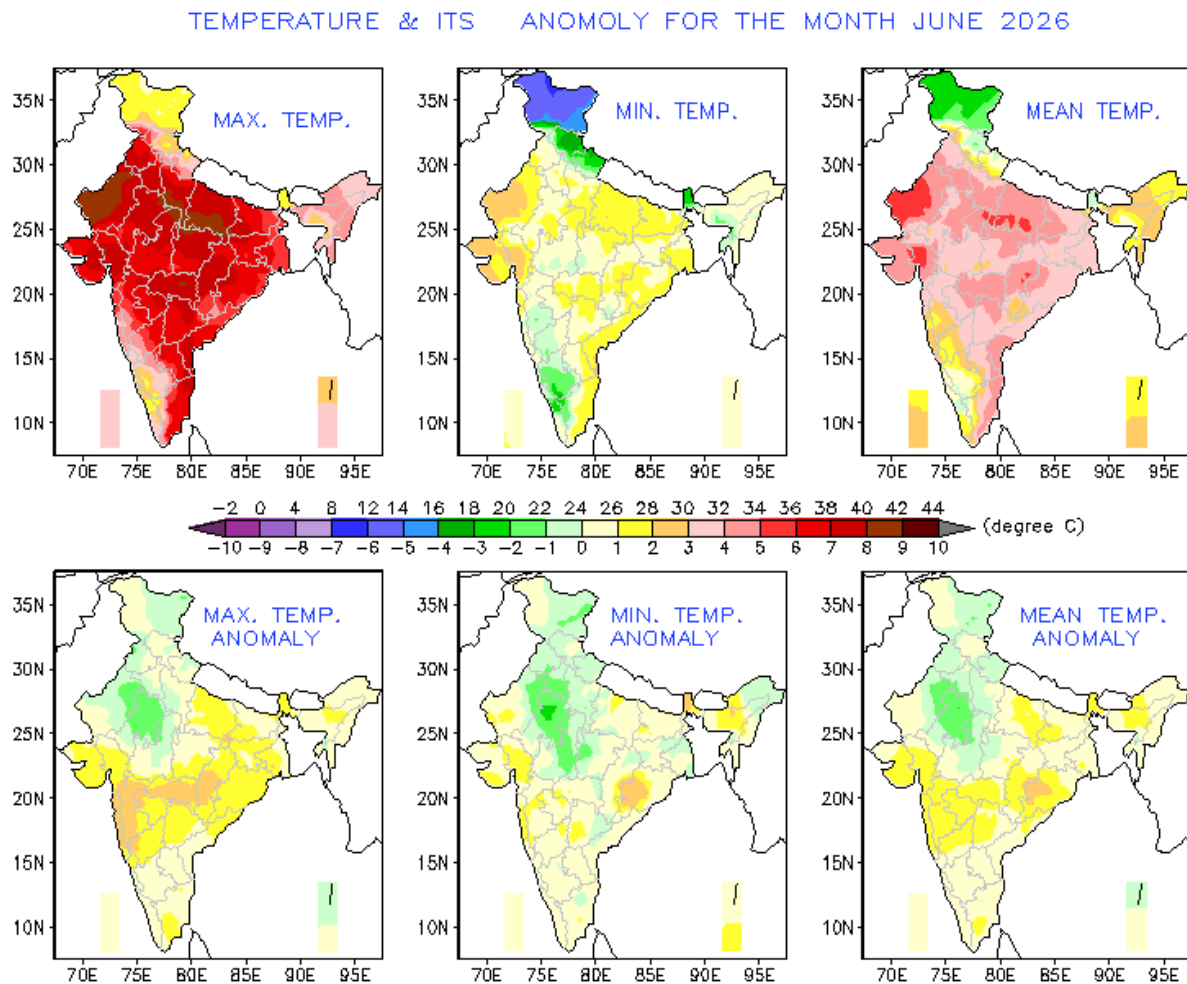
Fig. 9 show the time series of monthly average minimum temperature over the South Peninsular India for the month of June 1901-2026. Over South Peninsular India during June, the average minimum temperature was the 8<sup>th</sup> highest (25.03 °C with departure from normal of 0.54 °C) since 1901.





**Fig. 9: Time series of monthly average minimum temperature over the South Peninsular India for the month of June 1901-2026**

The observed spatial temperature pattern of monthly average maximum, average minimum and mean temperature over India and their departures from normal (1991 to 2020 period) for the month of June 2026 is given in Fig. 10.



**Fig. 10: Observed spatial temperature pattern of monthly average maximum, average minimum, and mean temperature over India (top three from left to right) and their departure from normal (1991 to 2020 period) for June 2026 (lower three from left to right)**

Some stations ever recorded the highest maximum and lowest minimum temperature during June 2026 is given below with their previous record and date.

| Highest Maximum Temperature |               |            |             |            |
|-----------------------------|---------------|------------|-------------|------------|
| STATION NAME                | NEW           | DATE       | PREVIOUS    | DATE       |
|                             | RECORD (°C) # | (JUN 2026) | RECORD (°C) |            |
| ALIBAG                      | 38.9          | 05-06-2026 | 38          | 08-06-2023 |
| Lowest Minimum Temperature  |               |            |             |            |
| STATION NAME                | NEW           | DATE       | PREVIOUS    | DATE       |
|                             | RECORD (°C) # | (JUN 2026) | RECORD (°C) |            |
| ALWAR                       | 19.5 @        | 12-06-2026 | 19.5        | 05-06-2025 |
| HARDOI                      | 19.0          | 01-06-2026 | 20          | 20-06-2019 |
| KHAMMAM                     | 20.0          | 13-06-2026 | 21.2        | 11-06-1987 |
| SHEOPUR                     | 15.4          | 02-06-2026 | 17.4        | 16-06-1988 |

# Based on real-time available data

@ indicates that it equals the previous record

The Temperatures during June 2026 for all India and homogeneous regions with its top ranks since 1901 are given below:

| JUNE 2026              |                 | Max Temp<br>(°C) | Min Temp<br>(°C) | Mean Temp<br>(°C) |
|------------------------|-----------------|------------------|------------------|-------------------|
| ALL INDIA              | ACTUAL          | 35.58            | 25.07            | 30.32             |
|                        | NORMAL          | 34.60            | 24.66            | 29.63             |
|                        | ANOMALY         | 0.97             | 0.41             | 0.69              |
|                        | Rank since 1901 | 17               | 19               | 18                |
| NORTHWEST INDIA        | ACTUAL          | 36.43            | 24.18            | 30.31             |
|                        | NORMAL          | 36.06            | 24.10            | 30.08             |
|                        | ANOMALY         | 0.37             | 0.08             | 0.23              |
|                        | Rank since 1901 | 53               | 67               | 58                |
| EAST & NORTHEAST INDIA | ACTUAL          | 33.26            | 24.71            | 28.98             |
|                        | NORMAL          | 31.94            | 24.19            | 28.06             |
|                        | ANOMALY         | 1.32             | 0.52             | 0.92              |
|                        | Rank since 1901 | 6                | 10               | 8                 |
| CENTRAL INDIA          | ACTUAL          | 37.11            | 26.19            | 31.65             |
|                        | NORMAL          | 35.69            | 25.63            | 30.66             |
|                        | ANOMALY         | 1.42             | 0.56             | 0.99              |
|                        | Rank since 1901 | 20               | 21               | 19                |
| SOUTH PENINSULAR INDIA | ACTUAL          | 34.29            | 25.03            | 29.66             |
|                        | NORMAL          | 33.40            | 24.49            | 28.94             |
|                        | ANOMALY         | 0.90             | 0.54             | 0.72              |
|                        | Rank since 1901 | 13               | 8                | 11                |

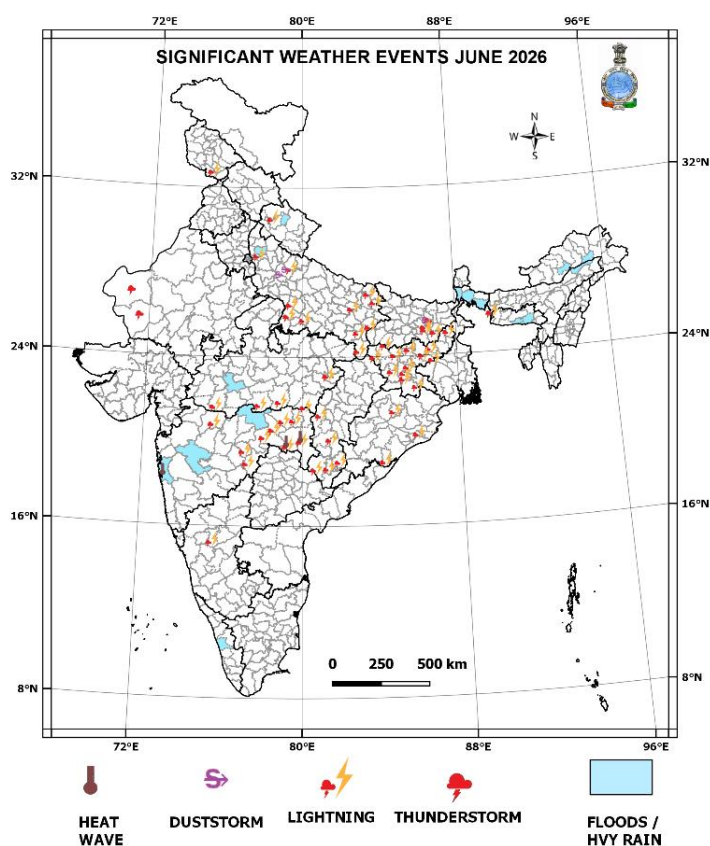
Note: Values are rounded off to the nearest two decimals.

## 5. Significant Weather Events:

During June, more than 127 people reportedly died, more than 100 were injured, 05 were reportedly missing and more than 70 livestock perished, as per the media report. The details of event-wises casualties are given below. However, the actual data on casualties and damages may be available to the concerned state governments.

There was also damage reported from different states as mentioned above due to above hazards (Fig. 11).

| Event                                                      | Loss of life due to extreme weather events based on available real-time media reports                                                                             |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Thunderstorm and Lightning</b>                          | <b>107</b> (Mainly Uttar Pradesh, Rajasthan, Jharkhand, Madhya Pradesh, Maharashtra, Bihar, Chhattisgarh, Odisha, Karnataka, Jammu & Kashmir, Uttarakhand, Assam) |
| <b>Monsoon related Heavy Rains, Floods &amp; Landslide</b> | <b>9</b> (Mainly Assam, Maharashtra, Kerala, Uttarakhand, Arunachal Pradesh, Uttar Pradesh, Madhya Pradesh)                                                       |
| <b>Heat Wave</b>                                           | <b>3</b> (Maharashtra)                                                                                                                                            |
| <b>Dust Storm</b>                                          | <b>8</b> (Bihar, Uttar Pradesh)                                                                                                                                   |



**Fig. 11: Deaths and damages due to significant weather events during June 2026  
(Based on real time media reports)**