

भारत सरकार
 Government of India
 पृथ्वी विज्ञान मंत्रालय (एम. ओ. ई. एस.)
 Ministry of Earth Sciences (MoES)
 भारत मौसम विज्ञान विभाग



INDIA METEOROLOGICAL DEPARTMENT
 Climate Research and Services (CRS)

Monthly Climate Summary for February 2026

1. Monthly Rainfall Scenario (01 to 28 February, 2026)

Rainfall over the country as a whole for the month of February 2026 was 4.2 mm, which is 81% below its Long Period Average (LPA) of 22.7 mm. The all India rainfall percentage departure from normal for February during 1901-2026 is presented in Fig. 1(a). The All-India rainfall total of 4.2 mm ranks as the third lowest since 1901 and the lowest recorded since 2001 (Fig. 1b). Over East and Northeast India, rainfall was 2.6 mm, the second lowest since 1901 and the lowest since 2001 (Fig. 1c). Similarly, Northwest India received 5.9 mm of rainfall, making it the third lowest since 1901 and the lowest since 2001 (Fig. 1d).

Daily variation of the rainfall over the country as a whole during the month of February 2026 with normal based on data of 1971-2020 is presented in Fig. 1(e).

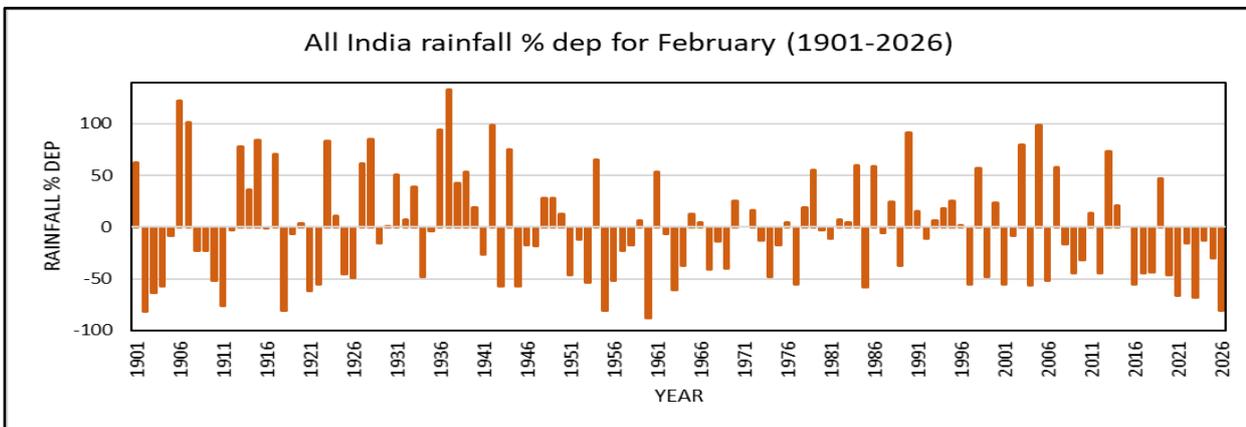


Fig. 1(a): All India monthly rainfall percentage departure from normal (1971-2020) for February from 1901-2026.

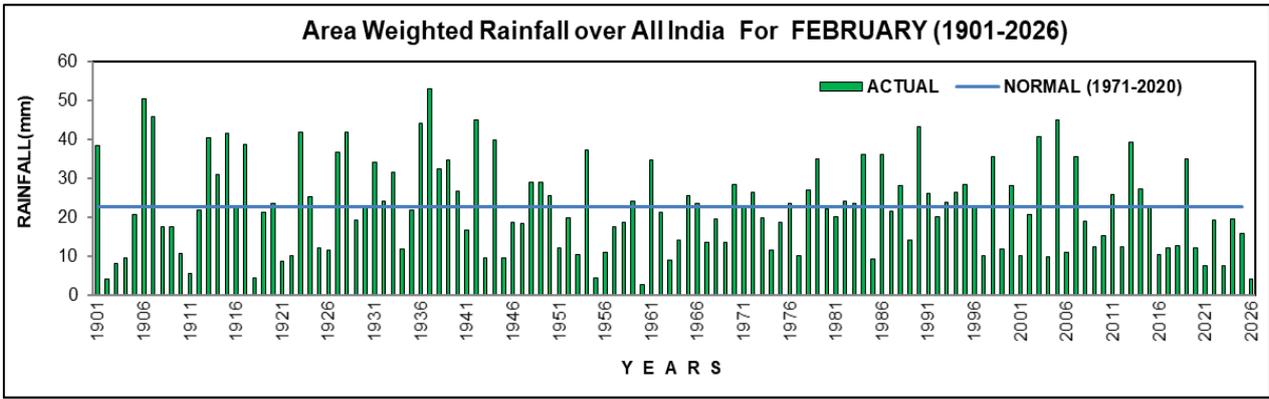


Fig. 1(b): Time series of area weighted rainfall over All India for February (1901 – 2026).

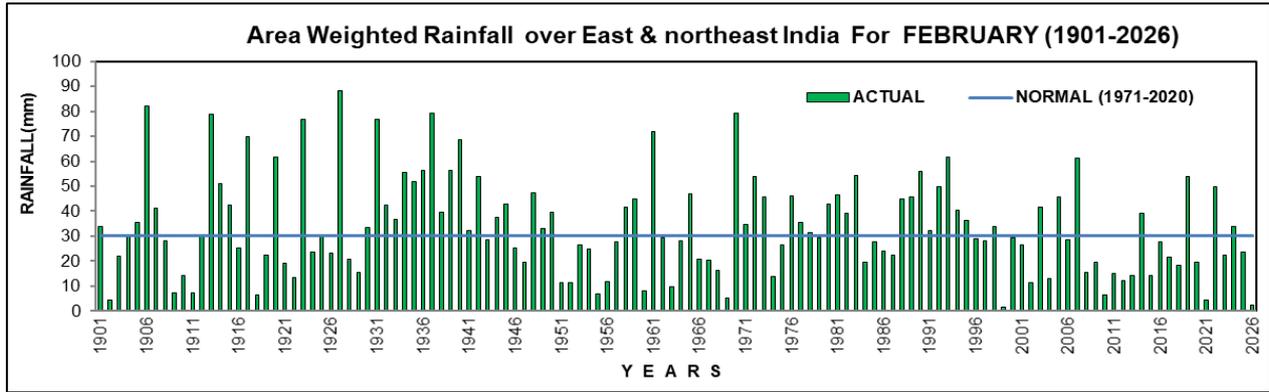


Fig. 1(c): Time series of area weighted rainfall over East & Northeast India for February (1901 – 2026).

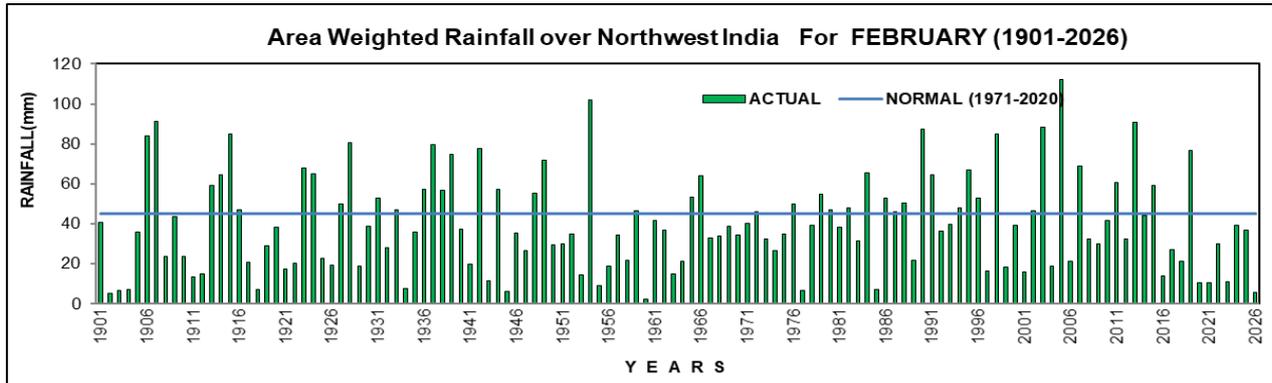


Fig. 1(d): Time series of area weighted rainfall over Northwest India for February (1901 – 2026).

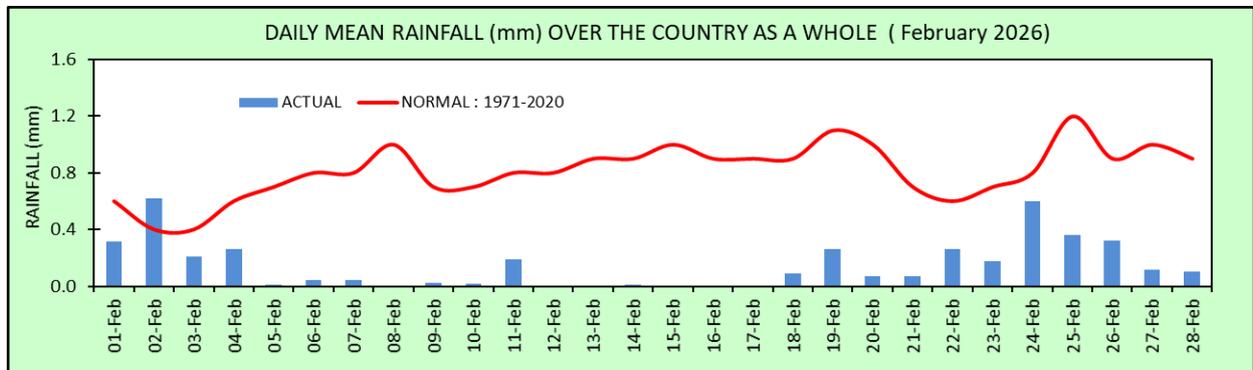


Fig. 1(e): Daily variation of rainfall over the country as a whole during February 2026.

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

Regions	Actual Rainfall (mm)	Normal Rainfall (mm)	% Departure from LPA
Country as a whole	4.2	22.7	-81
Northwest India	5.9	44.9	-87
Central India	1.7	7.5	-78
South Peninsula	7.4	7.9	-6
East & northeast India	2.6	30.0	-91

During the month, 4 subdivisions experienced large excess rainfall, 2 recorded excess rainfall, and 2 received normal rainfall. In contrast, 5 subdivisions had deficient rainfall, 20 experienced large deficient rainfall, and 3 subdivisions reported no rainfall at all (Fig. 2).

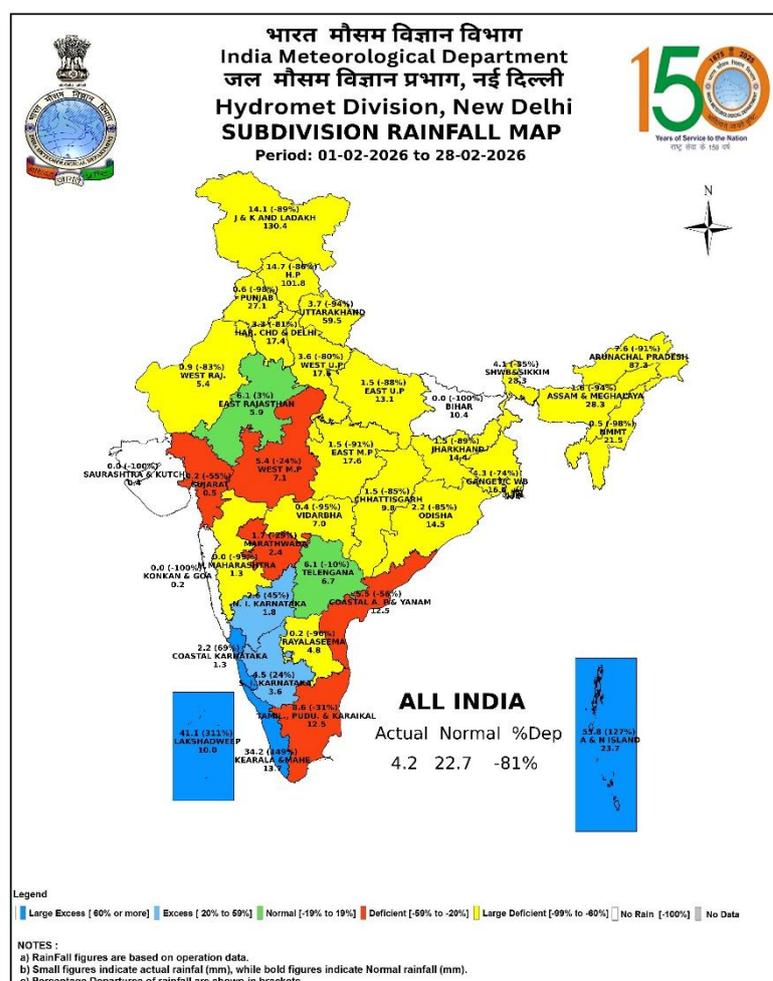
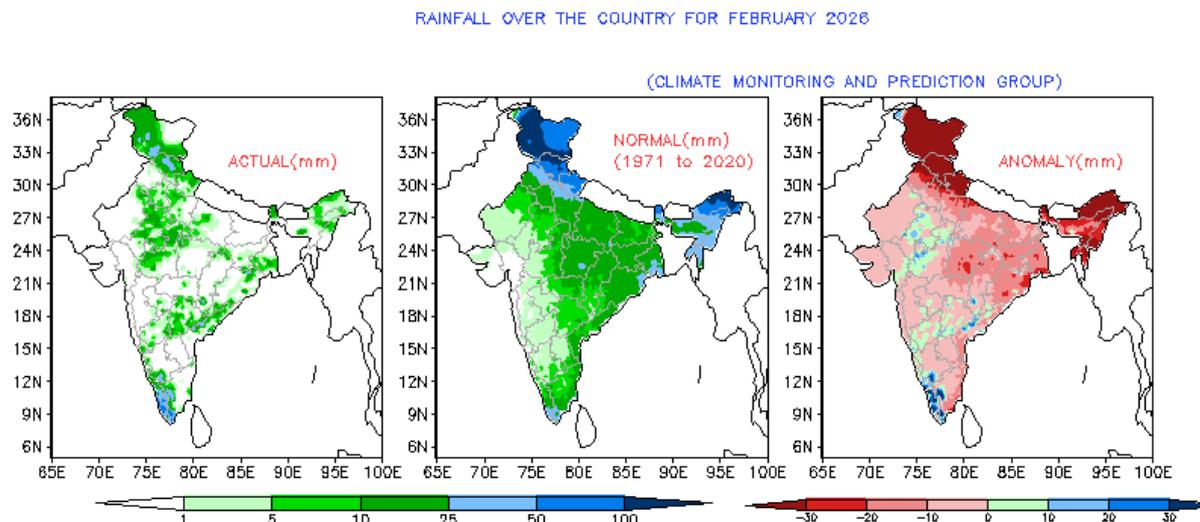


Fig. 2: Subdivision-wise rainfall distribution for February 2026.

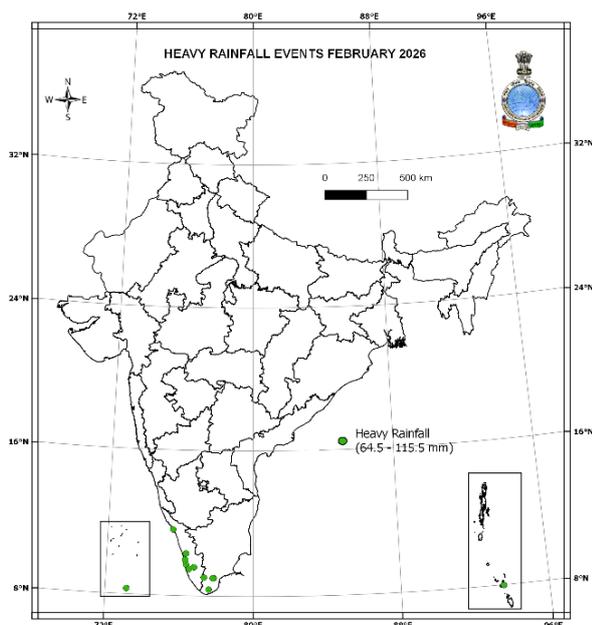
The observed spatial distribution of rainfall during February 2026, normal rainfall based on data of 1971 to 2020 and rainfall departures from normal during February 2026 are shown in Fig.3.



**Fig. 3: Observed spatial Rainfall pattern for the month February 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

February 2026 witnessed heavy rainfall events mainly over Tamilnadu, Puducherry & Karaikal and Kerala & Mahe. The location of occurrences of heavy rainfall events is shown in the Fig. 4. Out of total 12 occasions, all were heavy rainfall (64.5 to 115.5 mm) categories during this month.



(Only highest category of rainfall event considered for a station)

Fig. 4: The location of occurrences of heavy rainfall events in the month of February 2026.

3. Chief Synoptic weather features observed during February 2026.

Low-pressure systems: During February 2026, a low-pressure area developed over the Bay of Bengal between 16–20 February, followed by the formation of a well-marked low-pressure area over the same region during 21–25 February.

Western Disturbances: During the month, nine Western Disturbances (1–3, 2–4, 4–8, 8–13, 15–17, 17–19, 19–21, 23–25, and 25–27 February) moved across north India, compared to the normal frequency of 5–6 systems. However, most of these disturbances were weak. Only three events (1–3, 17–19, and 23–25 February) produced light rainfall and hailstorms accompanied by gusty winds over the plains of Northwest and Central India. Absence of any active WDs and lack of their interactions/confluences with Easterly are the major reasons of subdued snow/rainfall in the February month.

Cold wave: No cold wave or cold day conditions were observed during the month. During the second half of the month, both day and night temperatures remained above normal on several days, with daytime temperatures showing a marked positive departure of 5–8°C above normal. Maximum temperatures ranged between 30–37°C over parts of Gujarat, Rajasthan, and Coastal Karnataka during 13–15 February and again during 25–27 February.

Fog: Dense fog/low cloud coverage of longer duration observed over Haryana, Delhi, West UP, North Rajasthan during 1-4 Feb 2026.

4. Characteristics of Temperatures for the month of February 2026

The average maximum, average minimum and mean temperature for the country as a whole during February 2026 were 28.92 °C, 14.84 °C and 21.88 °C respectively, against the normal of 27.58 °C, 13.82 °C and 20.70 °C based on data of 1991-2020. Thus, the average maximum, average minimum and mean temperature were above normal with departure from normal of 1.35 °C, 1.02 °C and 1.18 °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 February 2026 is shown in the Fig. 5(a) and (b) respectively.

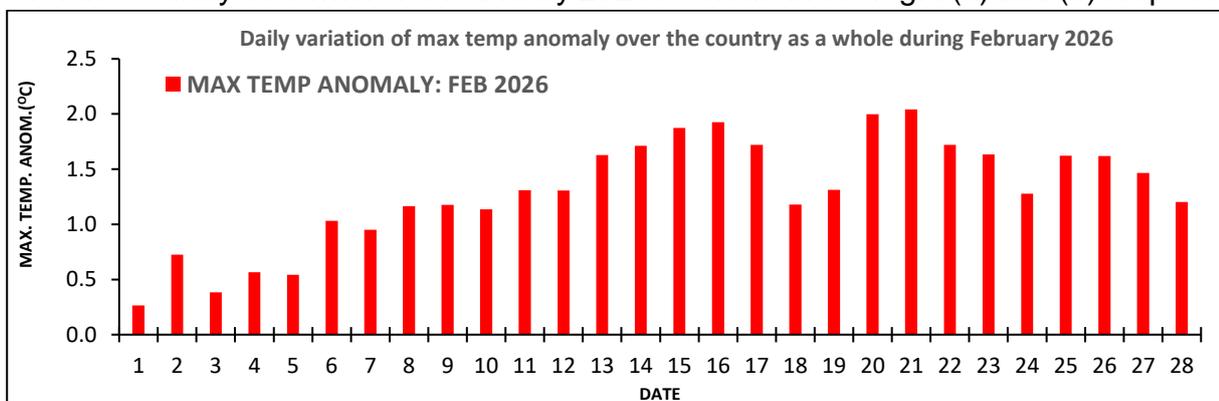


Fig. 5(a): Daily variation of maximum temperature anomaly (departure from normal) over the country as a whole for February 2026

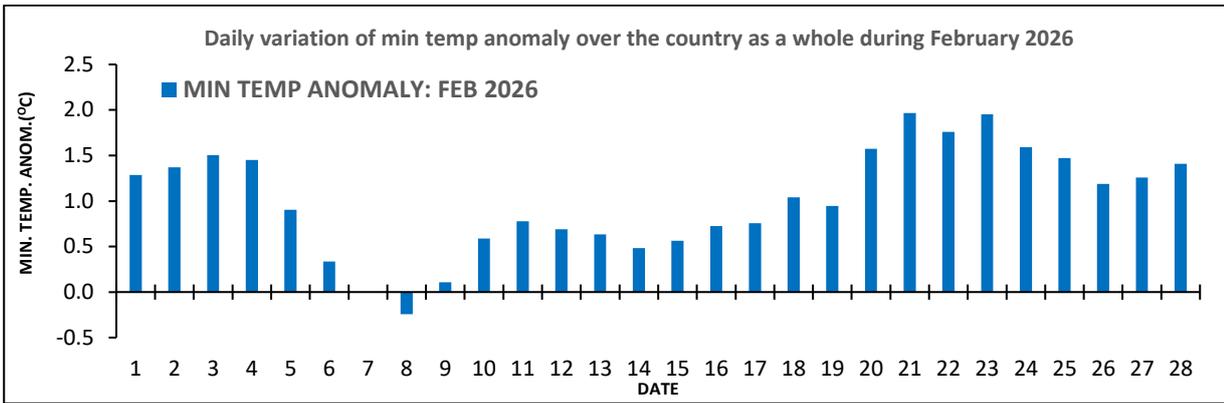


Fig. 5(b): Daily variation of minimum temperature anomaly (departure from normal) over the country as a whole for February 2026

Fig. 6 shows the time series of monthly average maximum, average minimum and mean temperature over the country as a whole for the month of February 1901-2026. Over the country during February, the average maximum temperature was the 7th highest and average minimum temperature was the 3rd highest (14.84 °C with departure from normal of 1.02 °C) after the years 2025 (15.02 °C) and 2016 (14.91 °C) since 1901. The mean temperature was the 4th highest (21.88 °C with departure from normal of 1.18 °C) after the years 2025(22.06 °C), 2016(21.99 °C) and 2023(21.90 °C) since 1901.

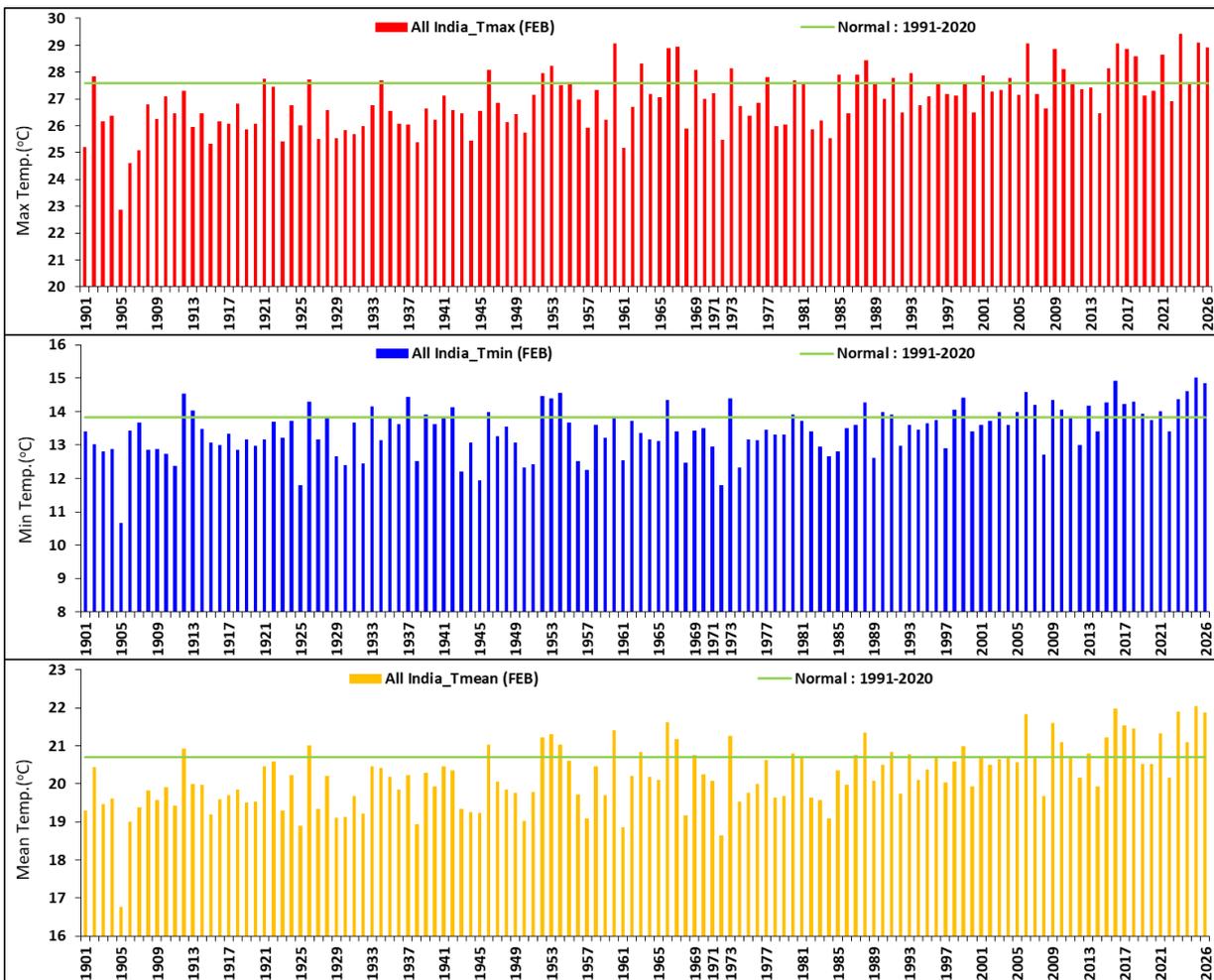


Fig. 6: Time series of monthly average maximum, average minimum and mean temperature over the country as a whole for the month of February 1901-2026

Fig. 7 shows the time series of monthly average maximum, average minimum and mean temperature over the Northwest India for the month of February 1901-2026. Over Northwest India during February, the average maximum temperature was the 3rd highest (24.94 °C with departure from normal of 2.57 °C) after the years 2023(25.47 °C) and 1960(25.07 °C) since 1901. The average minimum temperature was also the 3rd highest (10.32 °C with departure from normal of 1.37 °C) after the years 2006(10.84 °C) and 2023(10.33 °C) since 1901. The mean temperature was the 3rd highest (17.63 °C with departure from normal of 1.97 °C) after the years 2023(17.90 °C) and 2006(17.74 °C) since 1901.

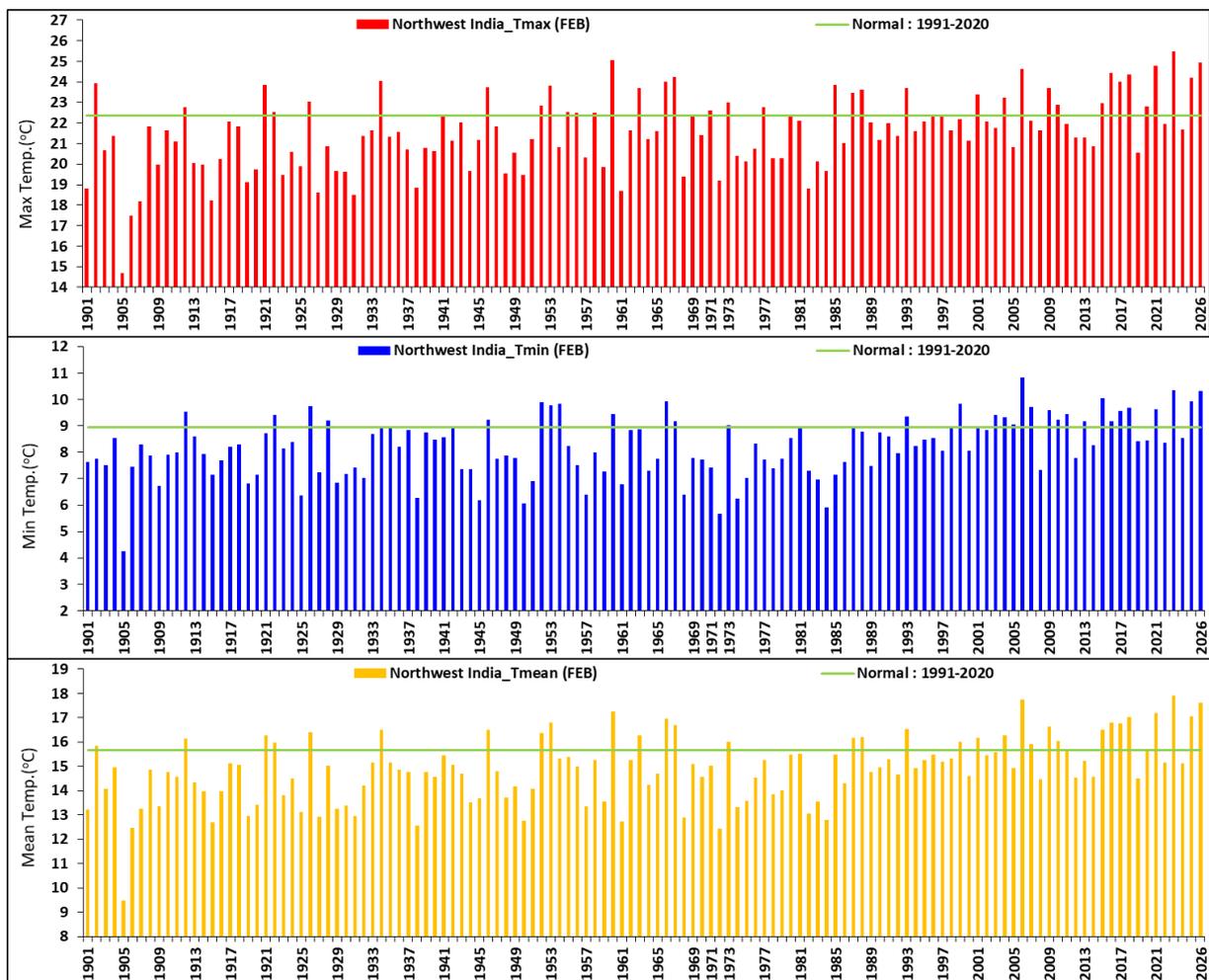


Fig. 7: Time series of monthly average maximum, average minimum and mean temperature over Northwest India for the month of February 1901-2026

Fig. 8 shows the time series of monthly average maximum and mean temperature over the East & Northeast India for the month of February 1901-2026. Over East & Northeast India during February, the average maximum temperature was the 2nd highest (27.44 °C with departure from normal of 1.74 °C) after the year 2009(27.46 °C) since 1901. The mean temperature was the 3rd highest (20.52 °C with departure from normal of 1.33°C) after the years 2016 (20.65 °C) and 1946 (20.60 °C) since 1901.

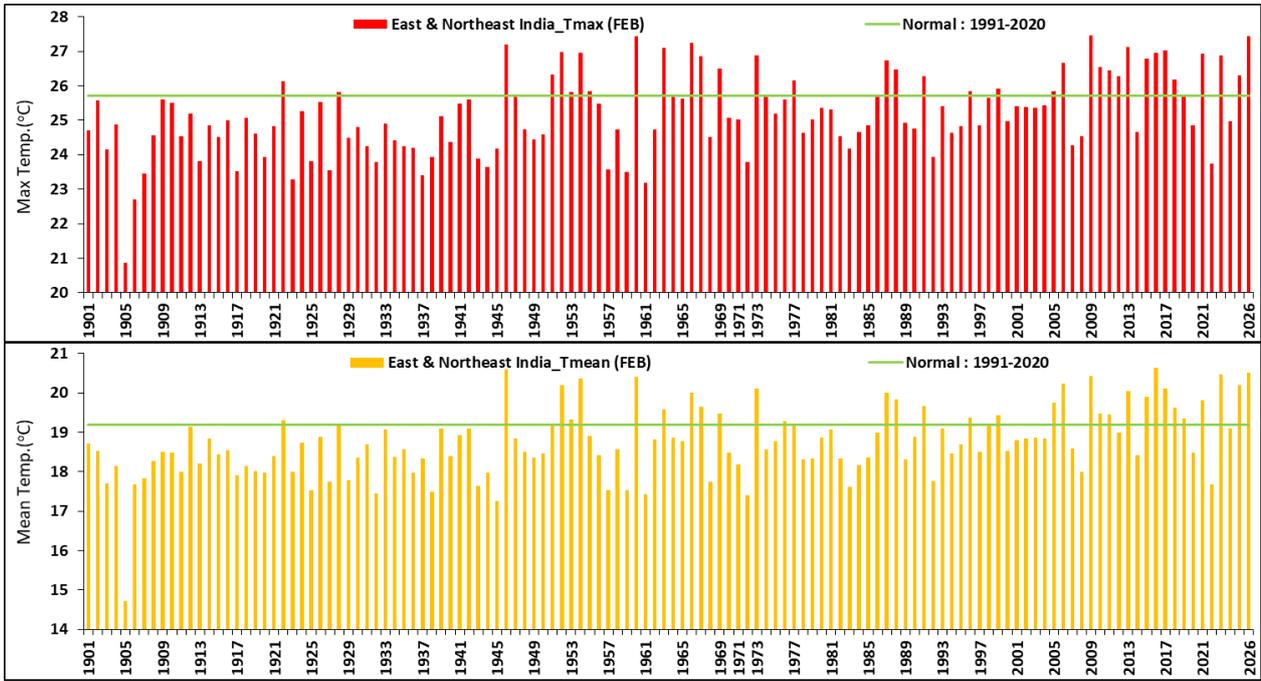


Fig. 8: Time series of monthly average maximum and mean temperature over East & Northeast India for the month of February 1901-2026

Fig. 9 shows the time series of monthly average minimum temperature over the Central India for the month of February 1901-2026. Over Central India during February, the average minimum temperature was the highest 4th highest (16.34 °C with departure from normal of 1.35 °C) after the years 2025(16.72 °C), 2024(16.62 °C), and 2016(16.617 °C) since 1901.

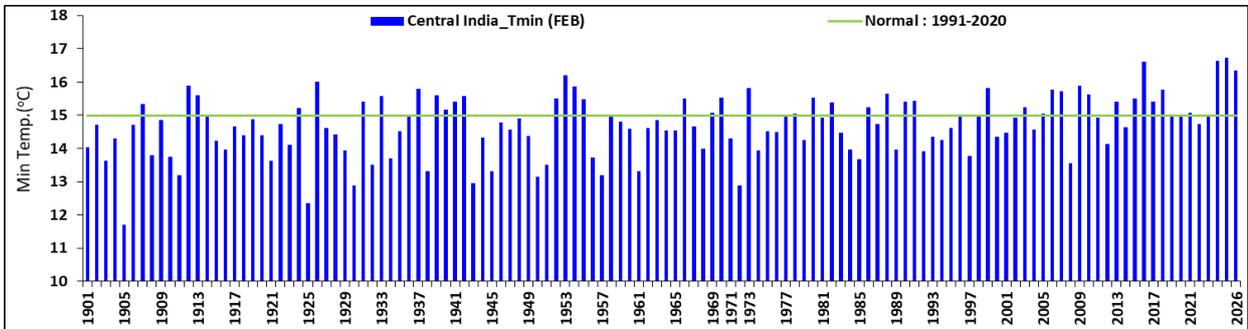


Fig. 9: Time series of monthly average minimum temperature over Central India for the month of February 1901-2026

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

FEBRUARY 2026		Max Temp (°C)	Min Temp (°C)	Mean Temp (°C)
ALL INDIA	ACTUAL	28.92	14.84	21.88
	NORMAL	27.58	13.82	20.70
	ANOMALY	1.35	1.02	1.18
	Rank since 1901	7	3	4
NORTHWEST INDIA	ACTUAL	24.94	10.32	17.63
	NORMAL	22.37	8.94	15.66
	ANOMALY	2.57	1.37	1.97
	Rank since 1901	3	3	3
EAST & NORTHEAST INDIA	ACTUAL	27.44	13.59	20.52
	NORMAL	25.71	12.66	19.19
	ANOMALY	1.74	0.93	1.33
	Rank since 1901	2	8	3
CENTRAL INDIA	ACTUAL	31.51	16.34	23.92
	NORMAL	30.53	14.99	22.76
	ANOMALY	0.99	1.35	1.17
	Rank since 1901	13	4	6
SOUTH PENINSULAR INDIA	ACTUAL	31.96	19.89	25.92
	NORMAL	32.13	19.74	25.93
	ANOMALY	-0.17	0.15	-0.01
	Rank since 1901	37	52	36

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

The five highest temperature records with corresponding top ranks since 1901 along with year of occurrence for all India (TMin, TMean), Northwest India (TMax, TMin, TMean), East & Northeast India (TMax, TMean) and Central India (TMin) are given in the tables below:

<table border="1"> <thead> <tr> <th colspan="5">All India (February 2026)</th> </tr> <tr> <th>Year</th> <th>TMin</th> <th>Normal</th> <th>Anomaly</th> <th>Rank</th> </tr> </thead> <tr> <td>2025</td> <td>15.02</td> <td>13.82</td> <td>1.20</td> <td>1</td> </tr> <tr> <td>2016</td> <td>14.91</td> <td></td> <td>1.09</td> <td>2</td> </tr> <tr> <td>2026</td> <td>14.84</td> <td></td> <td>1.02</td> <td>3</td> </tr> <tr> <td>2024</td> <td>14.61</td> <td></td> <td>0.79</td> <td>4</td> </tr> <tr> <td>2006</td> <td>14.59</td> <td></td> <td>0.77</td> <td>5</td> </tr> </table>					All India (February 2026)					Year	TMin	Normal	Anomaly	Rank	2025	15.02	13.82	1.20	1	2016	14.91		1.09	2	2026	14.84		1.02	3	2024	14.61		0.79	4	2006	14.59		0.77	5	<table border="1"> <thead> <tr> <th colspan="5">Northwest India (February 2026)</th> </tr> <tr> <th>Year</th> <th>TMax</th> <th>Normal</th> <th>Anomaly</th> <th>Rank</th> </tr> </thead> <tr> <td>2023</td> <td>25.47</td> <td>22.37</td> <td>3.10</td> <td>1</td> </tr> <tr> <td>1960</td> <td>25.07</td> <td></td> <td>2.70</td> <td>2</td> </tr> <tr> <td>2026</td> <td>24.94</td> <td></td> <td>2.57</td> <td>3</td> </tr> <tr> <td>2021</td> <td>24.79</td> <td></td> <td>2.42</td> <td>4</td> </tr> <tr> <td>2006</td> <td>24.64</td> <td></td> <td>2.27</td> <td>5</td> </tr> </table>					Northwest India (February 2026)					Year	TMax	Normal	Anomaly	Rank	2023	25.47	22.37	3.10	1	1960	25.07		2.70	2	2026	24.94		2.57	3	2021	24.79		2.42	4	2006	24.64		2.27	5	<table border="1"> <thead> <tr> <th colspan="5">East & Northeast India (February 2026)</th> </tr> <tr> <th>Year</th> <th>TMax</th> <th>Normal</th> <th>Anomaly</th> <th>Rank</th> </tr> </thead> <tr> <td>2009</td> <td>27.46</td> <td>25.71</td> <td>1.75</td> <td>1</td> </tr> <tr> <td>2026</td> <td>27.44</td> <td></td> <td>1.74</td> <td>2</td> </tr> <tr> <td>1960</td> <td>27.44</td> <td></td> <td>1.73</td> <td>3</td> </tr> <tr> <td>1966</td> <td>27.23</td> <td></td> <td>1.53</td> <td>4</td> </tr> <tr> <td>1946</td> <td>27.20</td> <td></td> <td>1.49</td> <td>5</td> </tr> </table>					East & Northeast India (February 2026)					Year	TMax	Normal	Anomaly	Rank	2009	27.46	25.71	1.75	1	2026	27.44		1.74	2	1960	27.44		1.73	3	1966	27.23		1.53	4	1946	27.20		1.49	5
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The stations ever recorded the highest maximum temperature during February 2026 is given in table below. A list of stations is given below with their previous record and date.

Highest Maximum Temperature				
STATION NAME	NEW	DATE	PREVIOUS	DATE
	RECORD (°C) #	(FEB 2026)	RECORD (°C)	
GULMARG	11.6	20-02-2026	11.4	11-02-1993
KOKERNAG	19	23-02-2026	18.4	29-02-2016
LUMDING	34	19-02-2026	33.8	24-02-1952
PAHALGAM	17.6 @	24-02-2026	17.6	24-02-2016
QAZIGUND	21.5	22-02-2026	20.7	28-02-2020
SRINAGAR	21	27-02-2026	20.6	24-02-2016
UDAGAMANDALAM	28.2	16-02-2026	27.3	21-02-1996

@ equals previous record # based on real-time available data

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 February 2026 is given in Fig. 10.

TEMPERATURE & ITS ANOMOLY FOR THE MONTH FEBRUARY 2026

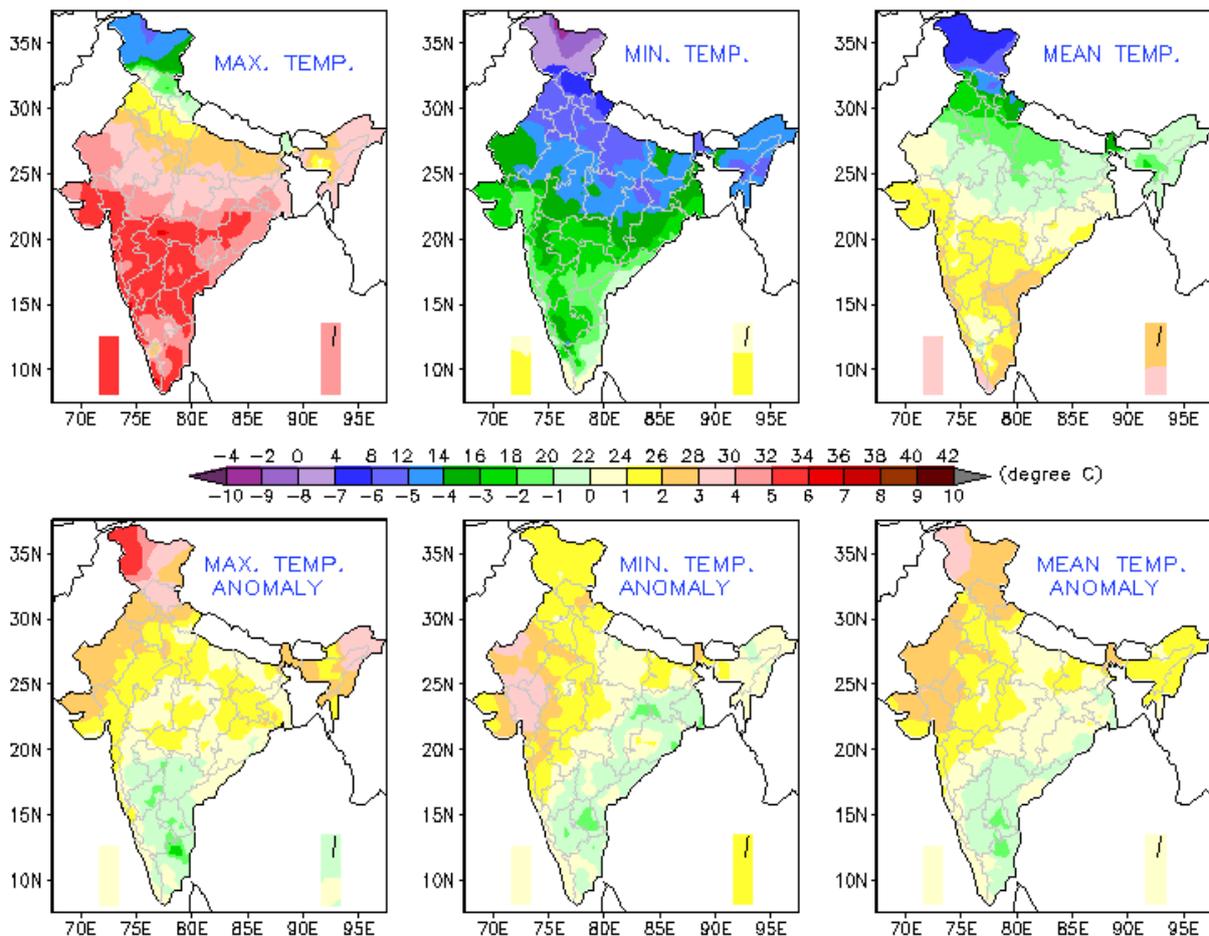


Fig. 10: Observed spatial temperature pattern of monthly average maximum, average minimum, and mean temperature over India (top three from left to right) and their departure from normal (1991 to 2020 period) for February 2026 (lower three from left to right).

5. Significant Weather Events:

During February, a total of one person reportedly died due to lightning in Madhya Pradesh and 54 livestock perished because of the mentioned hazards, as per the media report. However, the actual data on casualties and damages may be available to concerned state governments