

Government of India
Earth System Science Organization
Ministry of Earth Sciences
India Meteorological Department

Press Release
Dated: 25th December 2025

Subject: Current Weather Status and Extended Range Forecast for the next two weeks (25th December 2025 to 07th January 2026)

1. Salient Observed Features for the week ending 24th December 2026:

- ❖ **Last week's Large-scale dense fog layer further intensified and continued to persist in most dates in the weeks across Indo-Gangetic plains of North India for longer hours during night-mornings, from Punjab to Bihar across northern plains of India, with Uttar Pradesh and Bihar worst affected: Dense to very dense fog** prevailed over Punjab, Haryana, Uttar Pradesh and Bihar during 18th to 24th; Delhi on 18th, 19th and 23rd Dec, Jharkhand on 19th, 20th, 23rd; Uttarakhand and northern parts of Madhya Pradesh on 18th to 24th Assam & Meghalaya during 18th to 21st; Odisha during 18th-24th Dec; Himachal Pradesh on 19th-24th Dec; Jharkhand on 19th, 20th, 23rd Dec; Manipur, Tripura, 19th; Chhattisgarh on 20th; Sub-Himalayan West Bengal on 21st and 23rd, North Rajasthan on 21st and 22nd; Tripura, West Bengal & Sikkim on 24th Dec and north Chhattisgarh on 22nd Dec.
- ❖ During the week, light to moderate snowfall activity was recorded over higher reaches of Western Himalayan region during 2nd half of the week due to impact of a slow-moving Western Disturbance (WD) that impacted the western Himalayan region. **The WD also caused weakening of fog layer over plains of northwest India towards end of the week.**
- ❖ **Due to prolonged fog and low cloud cover during most parts of the days across north India, Cold day to severe cold day conditions** developed during the week in this region and prevailed at isolated places over West Uttar Pradesh on 19th; East Uttar Pradesh during 20th-24th Dec, Uttarakhand on 20th-21st and 24th; East Madhya Pradesh on 22nd; and Jharkhand and Bihar during 22nd-23rd December. **Cold day** conditions were also observed at isolated places over West Uttar Pradesh during 19th-20th, 23rd-24th; Uttarakhand on 20th-21st; Punjab, Haryana, Delhi and Madhya Pradesh on 21st; West Madhya Pradesh on 22nd; and Sub-Himalayan West Bengal & Sikkim on 23rd December.
- ❖ **Severe Cold wave** conditions observed over some parts of North Interior Karnataka on 20th-21st December & **Cold wave** conditions observed at isolated places over West Madhya Pradesh on 18th-19th December; over Telangana on 20th-21st December and Madhya Pradesh on 22nd December.

- ❖ **Northeast monsoon activities continued to remain subdued over southeast Peninsular India during the week due to the absence of any significant weather system impacting the area.**
- ❖ **Weekly Average Maximum temperature** was above normal by 2-5°C over many parts of northwest India and parts of northeast India. It was below normal by 5-7°C over a few parts of East Uttar Pradesh and adjoining Bihar. It was near normal over the remaining parts of the country during the week. **Weekly Average Minimum temperature** was above normal by 1-3°C over parts of northwest India during the week, while it was below normal by 1-3°C over parts of central & adjoining east and south India, and nearly normal over the remaining parts of the country during the week.
- ❖ **Temperature Scenario:** The lowest minimum temperature of **4.0°C** had been recorded at **Shivpuri (West Madhya Pradesh)** on **19th December, 2025** and the highest maximum temperature of **36.6°C** had been recorded at **Kottayam (Kerala)** on **18th December, 2025** over the plains of the country during the week.
- ❖ **Analysis of weekly overall rainfall distribution during the week ending on 24th December and the Post-Monsoon Season's Rainfall Scenario (01.10.2025 to 24.12.2025):** The country as a whole, the weekly cumulative All India Rainfall (ending on 24th December) in % departure from its long period average (LPA) is -65%. All India Seasonal cumulative rainfall % departure during this year's Post-Monsoon Season Rainfall (01.10.2025 to 24.12.2025) is +14%. Details of the rainfall distribution over the four broad geographical regions of India are provided in Table 1. Meteorological sub-division-wise rainfall for the week and season is presented in **Annexure I & II**, respectively.

Table 1: Rainfall status (Week and season)

Region	Week			Season		
	18.12.2025 TO 24.12.2025			01.10.2025 TO 24.12.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	0.1	2.2	-96%	156.7	154.9	1%
NORTHWEST INDIA	2.9	3.8	-25%	61.8	46.1	34%
CENTRAL INDIA	0.0	0.8	-100%	102.1	75.1	36%
SOUTH PENINSULA	0.5	5.0	-90%	283.0	270.3	5%
THE COUNTRY AS A WHOLE	1.0	2.8	-65%	134.0	117.3	+14%

2. Large-scale features:

- ❖ Currently, weak La Niña conditions are prevailing over the equatorial Pacific region. The latest forecasts from the Monsoon Mission Climate Forecast System (MMCFS) and other climate models suggest a moderate to fairly high likelihood (around 62%) of La Niña conditions persisting through the NDJ 2025/26 season, with a probable transition to neutral ENSO conditions thereafter.
- ❖ Currently, negative Indian Ocean Dipole (IOD) conditions are prevailing over the Indian Ocean. The latest MMCFS forecast suggests that these negative IOD conditions are likely to weaken, with an increasing probability of a transition to neutral conditions during the NDJ season and thereafter.
- ❖ Madden Julian Oscillation (MJO) index is presently in phase 8 with an amplitude less than 1. It is very likely to remain in phase 8 with a slow eastward propagation and an increasing amplitude till the second half of week 1. Thereafter, the MJO index is likely to exhibit a looping trajectory within phase 8, maintaining an amplitude greater than 1 until the end of the second week.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (25 to 31 December 2025) and Week 2 (01 to 07 January 2026)

Weather systems & associated Precipitation during Week 1 (25 to 31 December 2025):

- ❖ The **upper air cyclonic circulation** over southeast Arabian sea adjoining south Kerala coasts in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** over southwest Bay of Bengal adjoining north Tamil Nadu coasts in lower tropospheric levels.
- ❖ **Subtropical westerly Jet Stream** with core winds of the order of 140 knots at 12.6 km above mean sea level prevails over Northeast India.
- ❖ A fresh feeble **Western Disturbance** is likely to affect Western Himalayan Region from 27th December, 2025.

Under the influence of these systems, the following weather is likely:

- ❖ Isolated to scattered light/moderate rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 27th-31st and over Himachal Pradesh, Uttarakhand on 26th, 30th & 31st December.
- ❖ **Isolated Thunderstorm and lightning** with gusty wind speed (30-40kmph) likely to prevail over Andaman & Nicobar Islands during 27th -31st December.

Precipitation for week 2 (01 to 07 January 2026):

- ❖ **A western disturbance** is likely to impact the Western Himalayan Region (WHR) during the 1st half the week.
- ❖ **Under the influence of this western disturbance**, light to moderate scattered / fairly widespread rainfall/snowfall is likely over the Western Himalayan Region and light to moderate scattered / fairly widespread rainfall likely over plains of northwest India during the same period.
- ❖ Overall, rainfall activity is likely to be below over the country except Western Himalayan Region and northwest plains, where it is likely to be near normal to above normal (Annexure III).

Temperature forecast for Week 1 (25 to 31 December 2025) and Week 2 (01 to 07 January 2026)

Temperature forecast for Week 1 (25 to 31 December 2025):

Temperature Conditions during past 24 hours till 0830 hours IST of today:

- ❖ **Minimum temperatures** were **below 5°C** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad at few places over Uttarakhand; in the **range of 5°-10°C** at many places Haryana Chandigarh & Delhi, Punjab; at a few places over Rajasthan, Madhya Pradesh, East Uttar Pradesh; at isolated places over Odisha, Chhattisgarh, Bihar, Jharkhand West Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal, Gangetic West Bengal & Sikkim, Madhya Maharashtra.
- ❖ **Minimum Temperatures departures** were **below normal(-1.6°C to -3.0°C)** at many places over Lakshadweep; at few places over Andaman & Nicobar Islands, East Uttar Pradesh, Konkan & Goa, Madhya Maharashtra, Rayalaseema and Coastal Karnataka; at isolated places over Sub Himalayan West Bengal & Sikkim, Odisha, West Uttar Pradesh, Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Marathwada, Vidarbha, Chhattisgarh, Telangana, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe. **appreciably below normal (-5.0°C to -3.1°C)** at few places over East Rajasthan, Telangana, North Interior Karnataka and Kerala & Mahe; at isolated places over Gangetic West Bengal, Odisha, Konkan & Goa, Vidarbha, Chhattisgarh, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka. **markedly below normal (< -5.0°C)** at few places over Assam & Meghalaya, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka; at isolated places over Gangetic West Bengal, Odisha, Jharkhand, Bihar, East Uttar Pradesh, Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad, Saurashtra & Kutch, Konkan & Goa, Coastal Andhra Pradesh & Yanam and North Interior Karnataka.

- ❖ **Minimum Temperatures show rising tendency during past 24 hours by 1-3°C** over at some places over West Rajasthan, Coastal Andhra Pradesh & Yanam, Northeast India, Chhattisgarh, Jharkhand; **falling tendency by 1-3°C** at some places over northwest India, Odisha, Bihar, Gujarat region. **The lowest minimum temperature of 3°C was observed over Adampur (Punjab) over the plains of India.**
- ❖ **Night temperature** recorded appreciably below normal by 3-4°C over many parts of Telangana, South Interior Karnataka; at some parts of North Interior Karnataka and Rayalaseema and it is above normal by 2-3°C over many parts of Northeast India.
- ❖ **The lowest maximum temperature** of 15.4°C was observed over Prayagraj IAF (East Uttar Pradesh) over the plains of India.

Forecast of temperature:

- ❖ Gradual fall in minimum temperature by 2-3°C very likely over Assam for next 2 days and no significant change thereafter for subsequent 5 days.
- ❖ Gradual fall in minimum temperature by 1-2°C very likely over Chhattisgarh for next 3 days and no significant change thereafter for subsequent 4 days.
- ❖ No significant change in minimum temperature over remaining parts of the country during next 7 days.

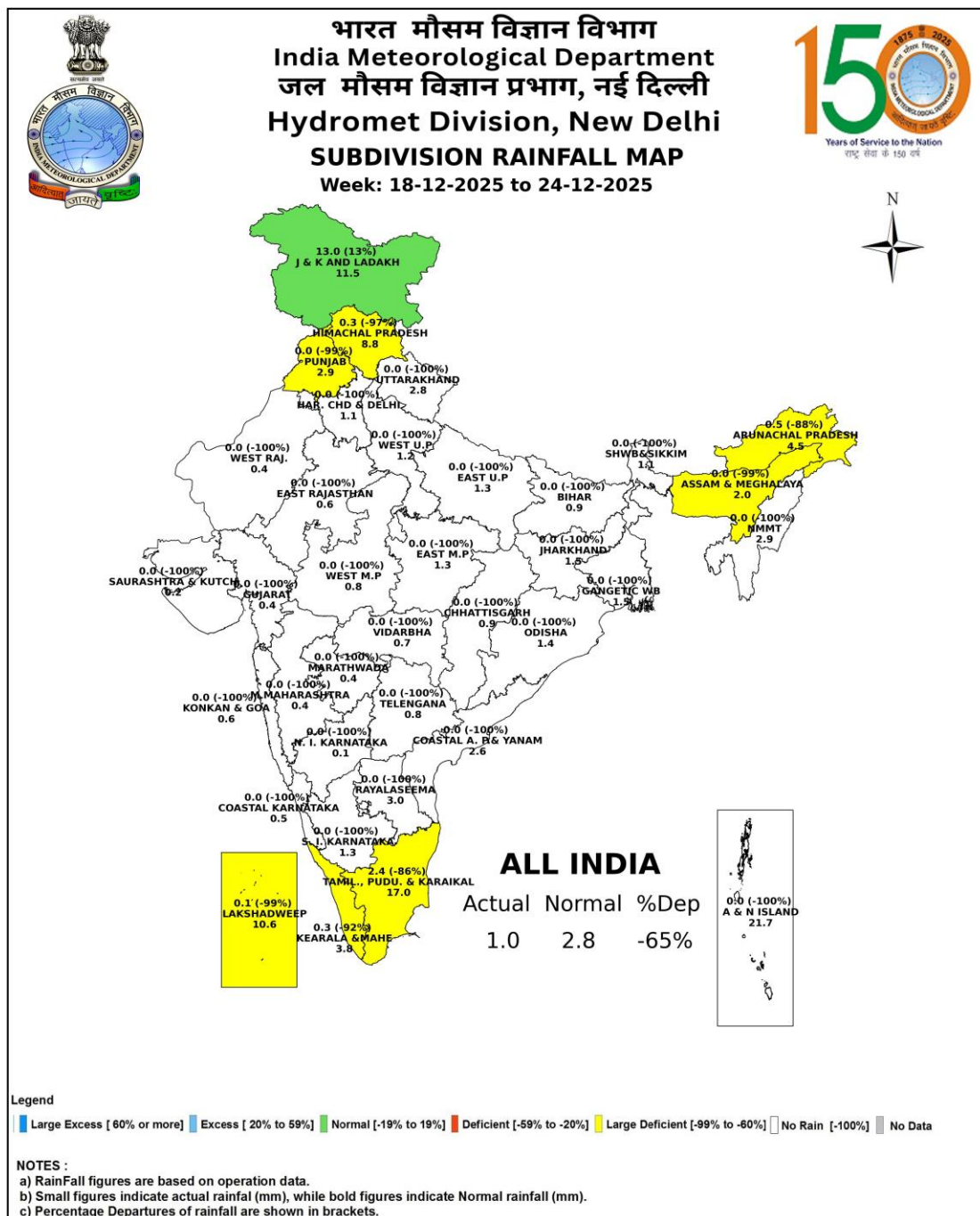
Dense Fog & Cold wave warning Warnings:

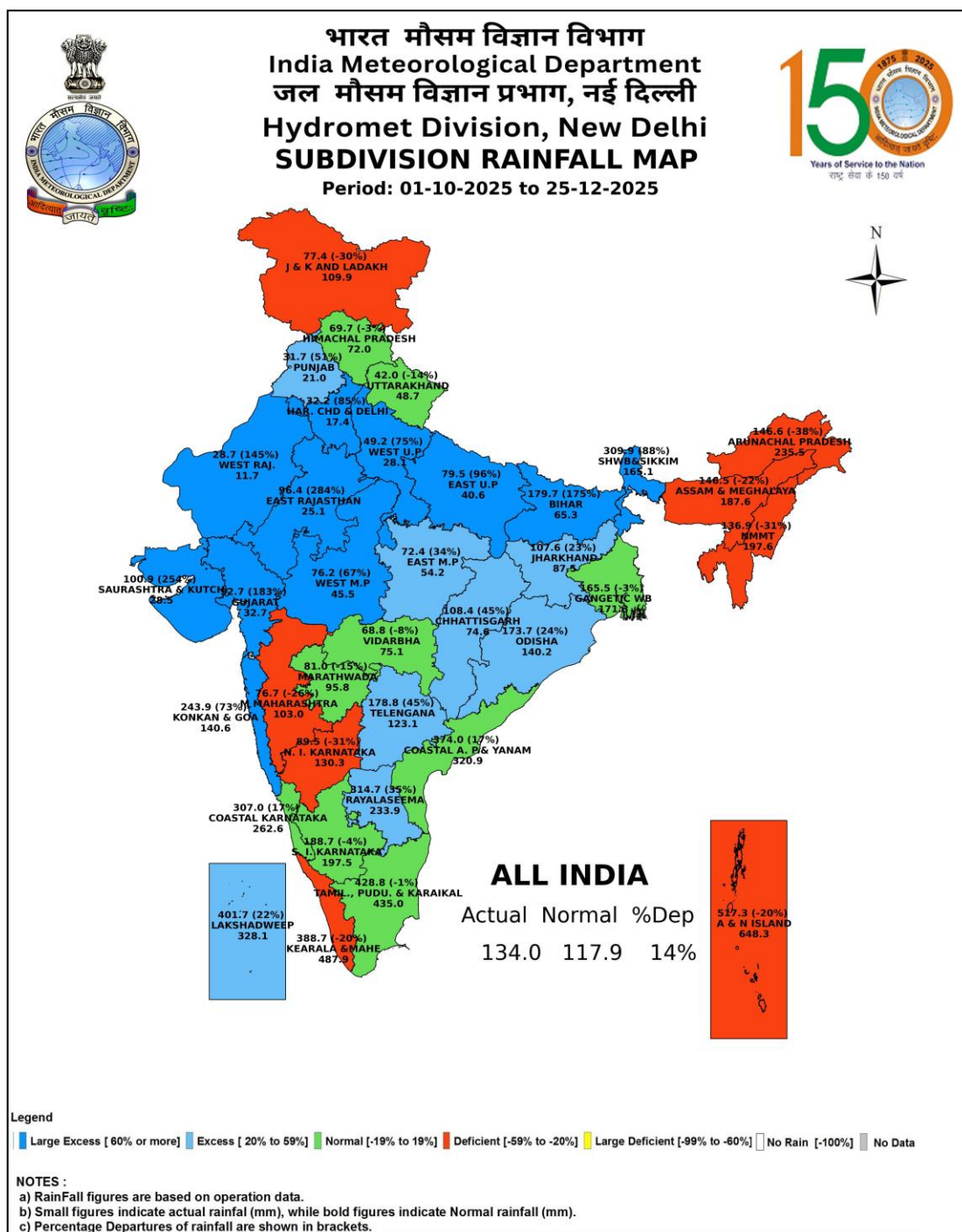
- ❖ **Dense to very dense fog conditions** during night/morning hours very likely in isolated pockets of Bihar till 26th, Assam & Meghalaya till 27th with **Dense fog conditions** during night/morning hours very likely in isolated pockets over Jammu-Kashmir, East Arunachal Pradesh till 28th, Himachal Pradesh, Uttarakhand, Odisha, Nagaland, Manipur, Mizoram & Tripura, Assam & Meghalaya till 30th, East Madhya Pradesh, north Chhattisgarh, Sub-Himalayan West Bengal & Sikkim till 27th, Bihar till 31st December.
- ❖ **Dense to very dense fog** conditions very likely to prevail in night/morning hours in few parts of Punjab Haryana-Chandigarh till 30th December and **Dense fog** in isolated pockets for subsequent 2 days.
- ❖ **Dense to very dense fog** conditions very likely to prevail in night/morning hours in some/many parts of West Uttar Pradesh till 29th December and **Dense fog** in isolated pockets for subsequent 3 days.
- ❖ **Cold wave conditions** very likely in isolated pockets of Jharkhand on 26th & 27th, West Rajasthan, north Chhattisgarh during 26th-28th, Punjab, Haryana Chandigarh during 26th-30th December.
- ❖ **Cold day to severe cold day conditions** very likely at a few places over Bihar, Sub-Himalayan West Bengal & Sikkim during 25th-28th; isolated pockets of

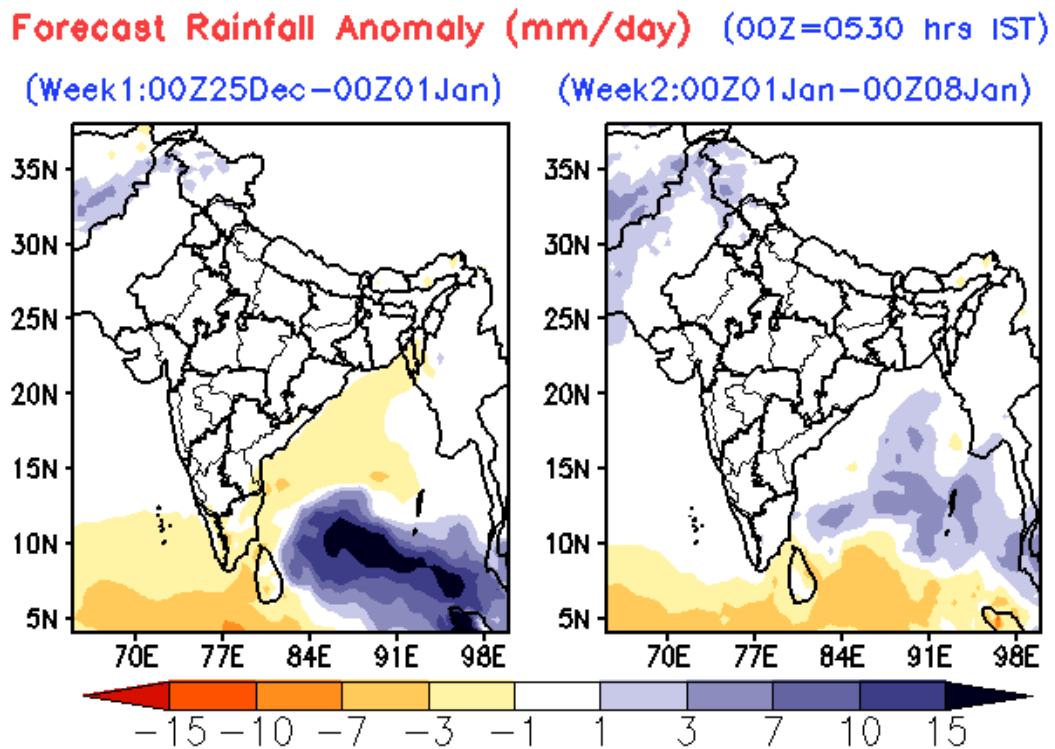
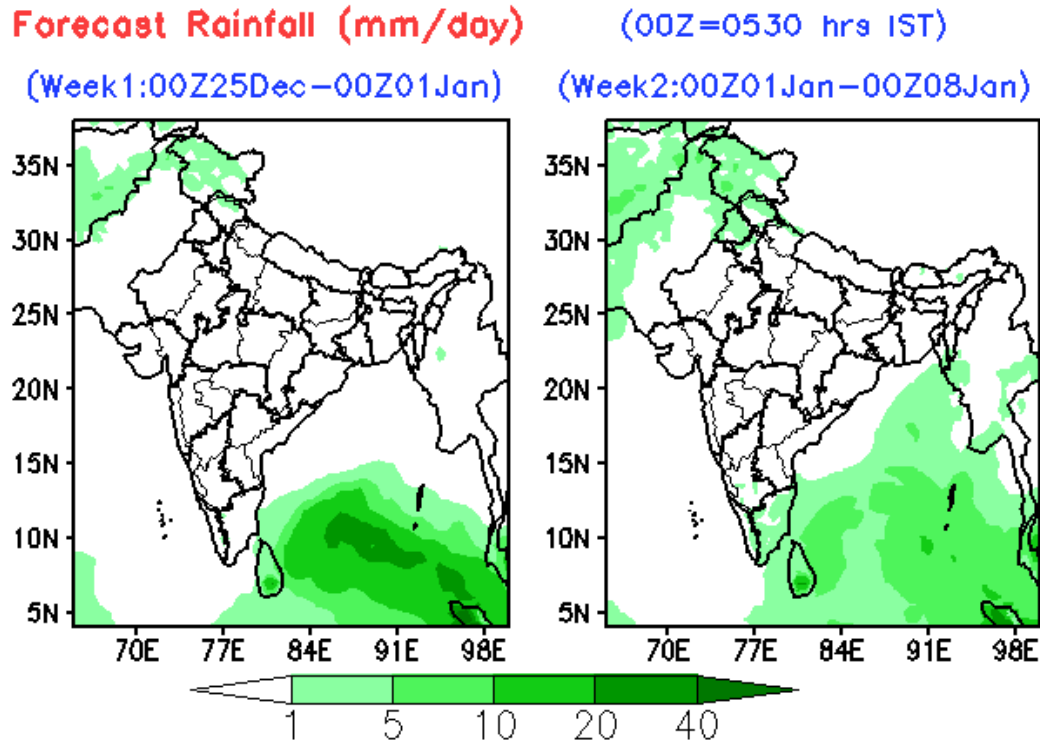
Uttarakhand during 25th-27th December. **Cold day conditions** very likely at isolated pockets over East Uttar Pradesh on 25th & 26th December.

Temperature forecast for Week 2 (01 to 07 January 2026):

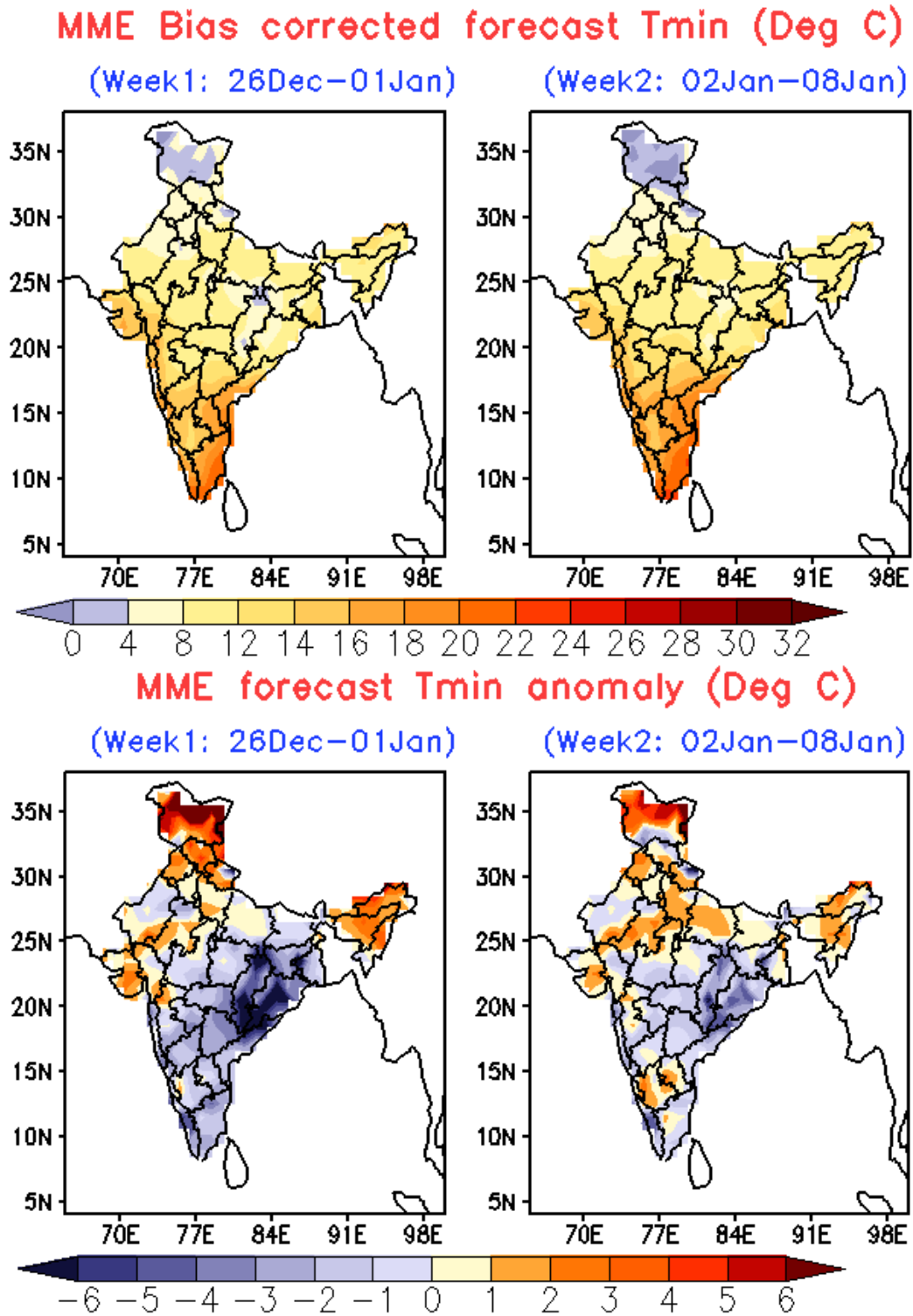
- ❖ Minimum temperatures are likely to be below normal 2-4°C over in many parts of east central India and Peninsular India except northeast India & Western Himalayan Region and many parts of northwest India, where these are likely to be above normal by 1-3°C during the week (Annexure IV).
- ❖ No significant Cold wave conditions are likely during the week.
- ❖ Dense fog conditions are likely to prevail during night-morning hours at a few pockets across north and isolated over adjoin central India, isolated over Odisha, Northeastern states and West Bengal and Sikkim on some days of the week.







Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME



Extended range forecast of weekly distribution of Minimum Temperature in °C (top panel) and anomalies (lower panel) from IMD Bias Corrected Forecast