

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

**Press Release: Dated: 07<sup>th</sup> August, 2025**

**Subject: Current Weather Status and Extended range Forecast for the next two weeks (07<sup>th</sup> to 20<sup>th</sup> August 2025)**

**1. Salient Observed Features for the week ending 06<sup>th</sup> August 2025:**

- ❖ **Weak monsoon conditions prevailed mainly during 2<sup>nd</sup> half of the week since 4<sup>th</sup> Aug with** western end north of its normal position and eastern end near the foothills of the Himalayas during 4<sup>th</sup> – 6<sup>th</sup> August. Heavy rainfall spell with isolated extremely heavy rainfall mainly observed over states of Himalayas, Uttar Pradesh and Northeast India during the week with **isolated extremely heavy rainfall** was recorded over Himachal Pradesh on 2<sup>nd</sup> August, Uttarakhand on 5<sup>th</sup> & 6<sup>th</sup> August, West Uttar Pradesh, Bihar on 4<sup>th</sup> August, Assam & Meghalaya during 2<sup>nd</sup> – 4<sup>th</sup> August. **It caused flooding over Uttar Pradesh and Bihar which impacted normal lives in the region.**
- ❖ **The extremely heavy rainfall reported over Himachal Pradesh and Uttarakhand during 5<sup>th</sup> & 6<sup>th</sup> August also attributed to very slow movement of an active western disturbance across western Himalayan region during the period.**
- ❖ Due to favorable synoptic weather systems over extreme southern parts of Peninsular India **isolated extremely heavy rainfall** was also recorded over Kerala & Mahe on 5<sup>th</sup> August and Coastal Karnataka on 6<sup>th</sup> August
- ❖ **Overall weekly cumulative rainfall departures over meteorological sub-divisions was more than 50% of long period average for along foothills of the Himalayas with highest for West Uttar Pradesh (141%), while most of the meteorological sub-divisions in central India received deficient to large deficient rainfall during the week. All-India weekly rainfall departure was 24% below than the long period average.**
- ❖ **Heavy to very heavy rainfall** was recorded at isolated places over East Rajasthan on 31<sup>st</sup> July & 1<sup>st</sup> August, Jharkhand on 31<sup>st</sup> July & 2<sup>nd</sup> August, West Madhya Pradesh on 31<sup>st</sup> July, West Rajasthan on 1<sup>st</sup> & 2<sup>nd</sup> August, Bihar during 1<sup>st</sup> – 3<sup>rd</sup> August, Himachal Pradesh on 1<sup>st</sup>, 5<sup>th</sup> & 6<sup>th</sup> August, Assam & Meghalaya on 1<sup>st</sup> &

5<sup>th</sup> August, Haryana on 1<sup>st</sup> August, Punjab on 2<sup>nd</sup> & 6<sup>th</sup> August, West Uttar Pradesh on 2<sup>nd</sup>, 4<sup>th</sup> & 6<sup>th</sup> August, East Uttar Pradesh during 2<sup>nd</sup> – 4<sup>th</sup> August, Tamil Nadu on 2<sup>nd</sup>, 3<sup>rd</sup> & 6<sup>th</sup> August, Uttarakhand, East Madhya Pradesh, and Kerala & Mahe on 3<sup>rd</sup> & 4<sup>th</sup> August, Sub-Himalayan West Bengal & Sikkim on 3<sup>rd</sup> & 6<sup>th</sup> August, Chhattisgarh, Gangetic West Bengal on 3<sup>rd</sup> August, Telangana, Tripura on 5<sup>th</sup> August, Konkan & Goa, North Interior Karnataka on 6<sup>th</sup> August.

❖ **Heavy rainfall** was recorded at isolated places over Haryana on 31<sup>st</sup> July, 4<sup>th</sup> & 6<sup>th</sup> August, Punjab on 31<sup>st</sup> July & 1<sup>st</sup> August, West Uttar Pradesh on 31<sup>st</sup> July, 1<sup>st</sup> & 3<sup>rd</sup> August, ; Sub-Himalayan West Bengal & Sikkim during 31<sup>st</sup> July – 5<sup>th</sup> August, Gangetic West Bengal on 31<sup>st</sup> July, 4<sup>th</sup> – 6<sup>th</sup> August, Chhattisgarh on 31<sup>st</sup> July, 2<sup>nd</sup> & 4<sup>th</sup> August, East Madhya Pradesh 31<sup>st</sup> July & 2<sup>nd</sup> August, Assam & Meghalaya on 31<sup>st</sup> July & 6<sup>th</sup> August, Odisha on 31<sup>st</sup> July & 2<sup>nd</sup> – 6<sup>th</sup> August, Bihar on 31<sup>st</sup> July & 5<sup>th</sup> August, West Rajasthan on 31<sup>st</sup> July, Jharkhand on 1<sup>st</sup> & 3<sup>rd</sup> August, Madhya Maharashtra on 1<sup>st</sup> & 6<sup>th</sup> August, Uttarakhand on 1<sup>st</sup> August, Kerala on 2<sup>nd</sup> & 6<sup>th</sup> August, Arunachal Pradesh during 2<sup>nd</sup> – 4<sup>th</sup> & 6<sup>th</sup> August, Nagaland, Manipur, Mizoram & Tripura on 2<sup>nd</sup>, 4<sup>th</sup> & 6<sup>th</sup> August, Himachal Pradesh on 3<sup>rd</sup> & 4<sup>th</sup> August, South Interior Karnataka during 3<sup>rd</sup> – 6<sup>th</sup> August, East Rajasthan, Gujarat Region, Coastal Karnataka on 3<sup>rd</sup> August, Tamil Nadu on 4<sup>th</sup> & 5<sup>th</sup> August, Coastal Andhra Pradesh during 4<sup>th</sup> – 6<sup>th</sup> August, Telangana on 4<sup>th</sup> & 6<sup>th</sup> August, Rayalaseema on 4<sup>th</sup> & 5<sup>th</sup> August, East Uttar Pradesh on 5<sup>th</sup> & 6<sup>th</sup> August, Lakshadweep, West Madhya Pradesh on 5<sup>th</sup> August, Jammu & Kashmir on 6<sup>th</sup> August.

❖ **Weekly Average Maximum temperature** was above normal by 1-3°C over parts of central and adjoining south peninsular India, below normal by 2-4°C over parts of west, northwest and adjoining east India during the week. **Weekly Average Minimum temperature** was nearly normal over the entire country during the week.

❖ **Temperature Scenario:** The lowest minimum temperature of **17.6°C** had been recorded at **Narsinghpur (Madhya Pradesh)** on **31<sup>st</sup> July, 2025** and the highest maximum temperature of **41.3°C** had been recorded at **Madurai (Tamil Nadu)** on **31<sup>st</sup> July, 2025** over the plains of the country during the week.

❖ **Analysis of weekly overall rainfall distribution during the week-ending on 06<sup>th</sup> August and the Monsoon Season's Rainfall Scenario (01.06.2025 to 06.08.2025):** The country as a whole, the weekly cumulative All India Rainfall (for 31<sup>st</sup> July to 06<sup>th</sup> August 2025) in % departure from its long period average (LPA) is -24%. All India Seasonal cumulative rainfall % departure during this year's Monsoon Season Rainfall (01<sup>st</sup> June to 06<sup>th</sup> August 2025) is 03%. Details of the rainfall distribution over the four broad geographical regions of India are given in Table 1, and Meteorological sub-division-wise rainfall for week and season are given in Annexure I & II, respectively.

**Table 1: Rainfall status (Week and season)**

Region	Week			Season		
	31.07.2025 TO 06.08.2025			01.06.2025 TO 06.08.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
<b>EAST &amp; NORTHEAST INDIA</b>	93.3	73.9	26%	670.3	815.5	-18%
<b>NORTHWEST INDIA</b>	63.9	49.4	29%	401.5	330.2	22%
<b>CENTRAL INDIA</b>	18.3	80.0	-77%	618.6	561.3	10%
<b>SOUTH PENINSULA</b>	37.5	46.4	-19%	392.6	405.8	-3%
<b>THE COUNTRY AS A WHOLE</b>	<b>48.0</b>	<b>63.0</b>	<b>-24%</b>	<b>515.7</b>	<b>500.2</b>	<b>3%</b>

## **2. Large scale features:**

- ❖ Currently, neutral El Nino-Southern Oscillation (ENSO) conditions are prevailing over the equatorial Pacific region. The latest Monsoon Mission Climate Forecast System (MMCFS) as well as other climate model forecasts indicate that the neutral ENSO conditions are likely to continue during the monsoon season.
- ❖ At present, neutral Indian Ocean Dipole (IOD) conditions are observed over the Indian Ocean. The latest MMCFS forecast as well as other climate model forecasts indicates that the neutral IOD conditions are likely to turn into weak negative IOD conditions during later part of the monsoon season.
- ❖ The Madden Julian Oscillation (MJO) index is currently in Phase 2 with an amplitude > 1. It is likely to remain in Phase 2 for the entire duration, with amplitude remaining > 1.

## **3. Forecast for the next two weeks**

**Weather systems & associated Precipitation during Week 1 (07 to 13 August, 2025) and Week 2 (14 to 20 August, 2025)**

**Weather systems & associated Precipitation during Week 1 (07 to 13 August)**

- ❖ The western end of monsoon trough to the north of its normal position at mean

sea level and eastern end runs near the foothills of the Himalayas. It is likely to stay north of the normal position during most dates in the week

- ❖ An upper air cyclonic circulation lay over Gangetic west Bengal and adjoining north Odisha at middle tropospheric levels tilting southwestward with height.
- ❖ An upper air cyclonic circulation lay over southwest Bay off North Tamil Nadu coasts in lower & middle tropospheric levels.
- ❖ An east-west trough runs from Coastal Karnataka to central parts of south Bay of Bengal in lower tropospheric levels.
- ❖ An upper air cyclonic circulation lay over northeast Assam & adjoining Arunachal Pradesh in lower tropospheric levels.
- ❖ An upper air cyclonic circulation lay over Gangetic West Bengal and adjoining north Odisha in middle tropospheric levels.
- ❖ A Western Disturbance as a cyclonic circulation lies over north Punjab & neighbourhood in middle tropospheric levels with trough aloft in middle & upper tropospheric level roughly along Long. 76°E to north of Lat. 32°N.
- ❖ Under the influence of these systems, the following weather is likely:

#### **Northeast India:**

- ❖ **Extremely heavy rainfall ( $\geq 21$  cm)** very likely at isolated places over Arunachal Pradesh on 08<sup>th</sup> August.
- ❖ Light/moderate rainfall at many places accompanied with thunderstorm, lightning and isolated **heavy rainfall** likely to continue over Arunachal Pradesh, Assam & Meghalaya Nagaland, Manipur, Mizoram & Tripura during 07<sup>th</sup>-13<sup>th</sup> August with isolated **very heavy rainfall over Arunachal Pradesh during 07<sup>th</sup>-12<sup>th</sup>; Assam & Meghalaya on 07<sup>th</sup>, 08<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup>; Nagaland, Manipur, Mizoram & Tripura on 07<sup>th</sup> & 08<sup>th</sup> August.**

#### **Northwest India:**

- ❖ Isolated **heavy rainfall** likely over Uttarakhand, Himachal Pradesh during 07<sup>th</sup>-13<sup>th</sup>; Haryana on 11<sup>th</sup>; Uttar Pradesh on 07<sup>th</sup>, 08<sup>th</sup> and during 11<sup>th</sup>-13<sup>th</sup>; Jammu & Kashmir on 13<sup>th</sup> August with **very heavy rainfall** over Himachal Pradesh, Uttarakhand during 10<sup>th</sup>-13<sup>th</sup> and East Uttar Pradesh on 12<sup>th</sup> & 13<sup>th</sup> August.
- ❖ Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely over Western Himalayan region and many/some places over the plains during next 7 days.

### **South Peninsular India:**

- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Telangana, Rayalaseema during 07<sup>th</sup>-09<sup>th</sup>; Kerala & Mahe, Karnataka, Coastal Andhra Pradesh & Yanam on 07<sup>th</sup> & 08<sup>th</sup> August with **very heavy rainfall** over Tamil Nadu on 08<sup>th</sup> August.
- ❖ Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India during next 2 days.
- ❖ Light to moderate rainfall at some places accompanied with thunderstorm & lightning likely over Tamil Nadu, Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema, Coastal Andhra Pradesh & Yanam and Telangana during next 5 days.

### **East & Central India:**

- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 07<sup>th</sup>-13<sup>th</sup>; Odisha during 07<sup>th</sup>-09<sup>th</sup>; Bihar during 07<sup>th</sup>-09<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup>; Gangetic West Bengal, Jharkhand on 07<sup>th</sup> & 08<sup>th</sup>; Chhattisgarh during 11<sup>th</sup>-13<sup>th</sup>; Andaman & Nicobar Islands on 11<sup>th</sup>; Vidarbha on 13<sup>th</sup> August **with isolated very heavy rainfall over Bihar on 08<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim on 07<sup>th</sup> & 11<sup>th</sup> August.**
- ❖ Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 5 days.

### **West India:**

- ❖ Isolated **heavy rainfall** likely over Marathawada on 07<sup>th</sup> & 08<sup>th</sup>; Konkan & Goa on 07<sup>th</sup>, 08<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> and Madhya Maharashtra on 07<sup>th</sup> August.
- ❖ Light to moderate rainfall at many/some places very likely over the region during next 5-6 days.
- ❖ No significant weather likely over rest parts of the country during the week.

### **Precipitation for week 2 (14 to 20 August, 2025):**

- ❖ The monsoon trough at mean sea level is likely to gradually shift to its normal position during beginning of the week.
- ❖ Fairly widespread to widespread rainfall with isolated heavy to very falls likely over many parts of northern Peninsular and adjoining central India (especially Western Ghats, Karnataka, Vidarbha, Telangana, southern parts of Andhra Pradesh) during many days of the week.
- ❖ Overall, rainfall activity is likely to be above normal over most parts of Peninsular and Central India; below normal over most parts of western Himalayan states, east and north east India and near normal over rest of the country during the week.

## **Temperature forecast for Week 1 (07 to 13 August, 2025) and Week 2 (14 to 20 August, 2025)**

### **Temperature forecast for Week 1 (07 to 13 August, 2025):**

- ❖ Maximum Temperature Departures (as on 06-08-2025): markedly above normal( $> 5.1^{\circ}\text{C}$ ) at many places over Vidarbha; at few places over Chhattisgarh; at isolated places over Odisha, East Madhya Pradesh and Telangana. appreciably above normal( $3.1^{\circ}\text{C}$  to  $5.0^{\circ}\text{C}$ ) at few places over Coastal Andhra Pradesh & Yanam; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, JammuKashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada, North Interior Karnataka and South Interior Karnataka. above normal( $1.6^{\circ}\text{C}$  to  $3.0^{\circ}\text{C}$ ) at few places over East Rajasthan, Gujarat Region, Rayalaseema and Coastal Karnataka; at isolated places over Andaman & Nicobar Islands, East Uttar Pradesh, Himachal Pradesh, Saurashtra & Kutch and Tamil Nadu, Puducherry & Karaikal. near normal( $-1.5^{\circ}\text{C}$  to  $1.5^{\circ}\text{C}$ ) at many places over Nagaland, Manipur, Mizoram & Tripura, Bihar, Uttarakhand and Kerala & Mahe; at most places over Haryana-Chandigarh-Delhi, Punjab, West Rajasthan and Lakshadweep; at few places over Arunachal Pradesh and West Uttar Pradesh. The highest maximum temperature of  $37.2^{\circ}\text{C}$  is reported at SRIGANGANAGAR (RAJASTHAN).
- ❖ Maximum temperatures are likely to be above normal by  $2-3^{\circ}\text{C}$  over many parts of Odisha, Chhattisgarh, Telangana, Coastal Andhra Pradesh, Madhya Pradesh, Maharashtra, Gujarat, Rajasthan, and Interior Karnataka. These are likely to be below normal or near normal over rest parts of the country.

### **Temperature forecast for Week 2 (14 to 20 August, 2025):**

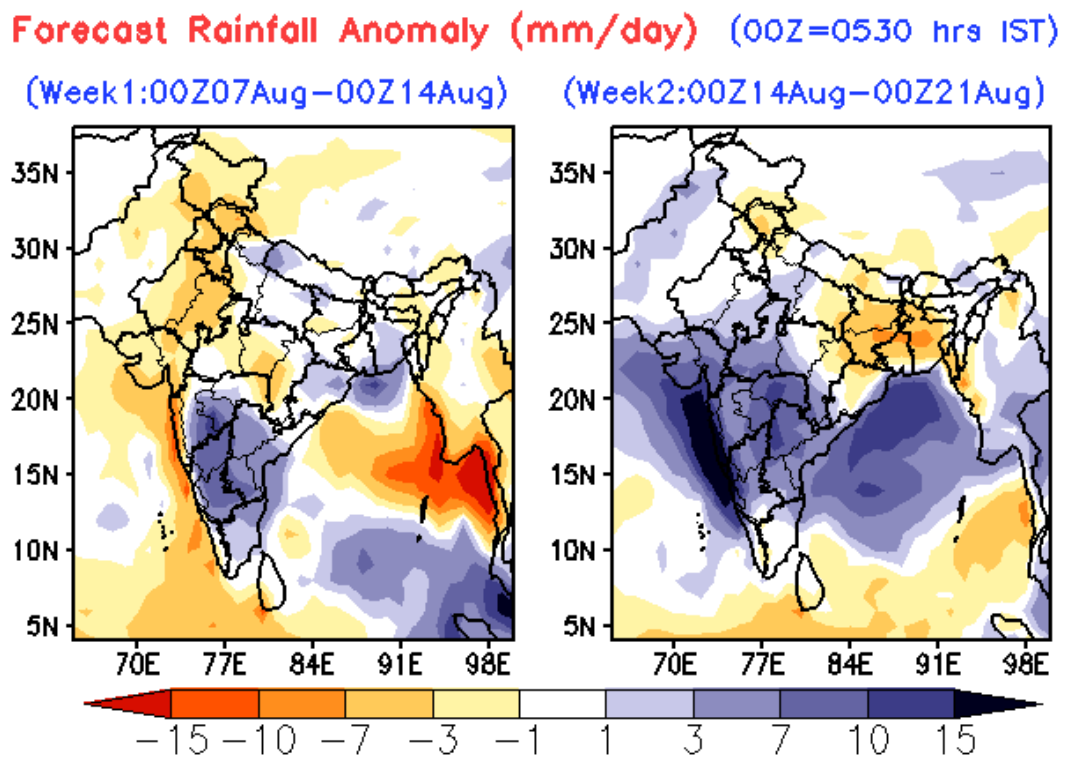
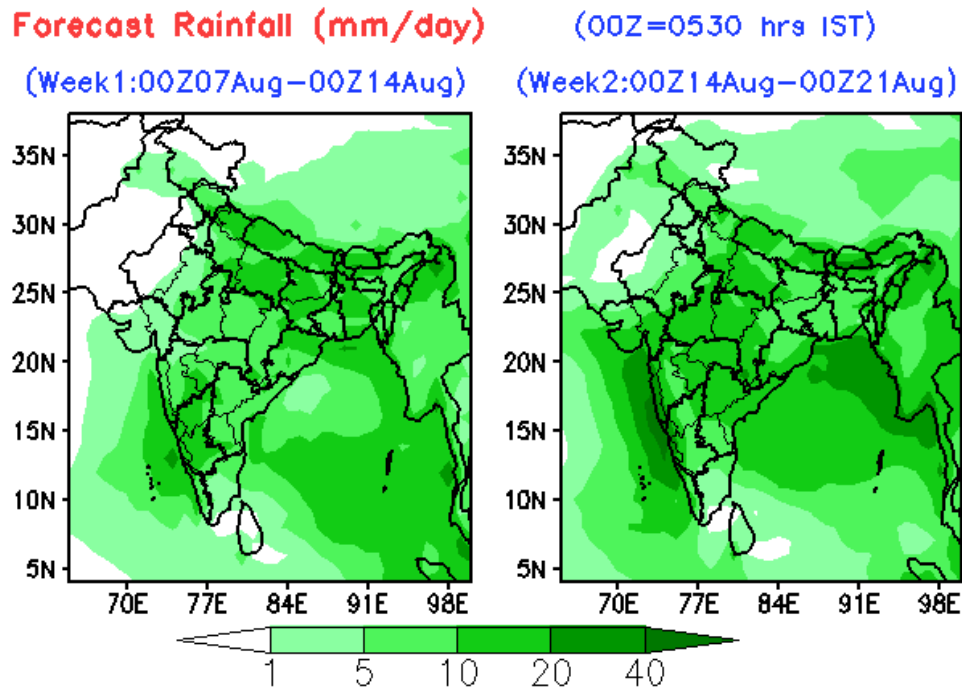
- ❖ Maximum temperatures are likely to be above normal by  $2-4^{\circ}\text{C}$  over many parts of central & adjoining north Peninsular India; near normal or below normal over remaining parts of the country.









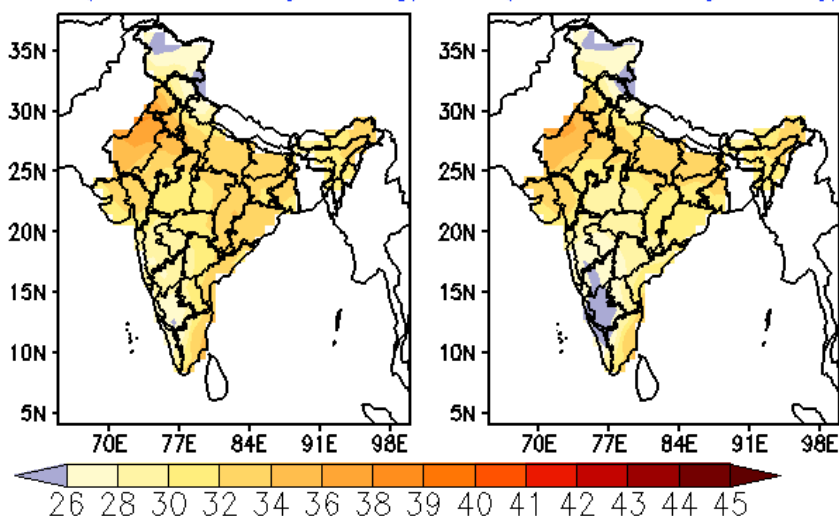


**Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME**

**MME Bias corrected forecast Tmax (Deg C)**

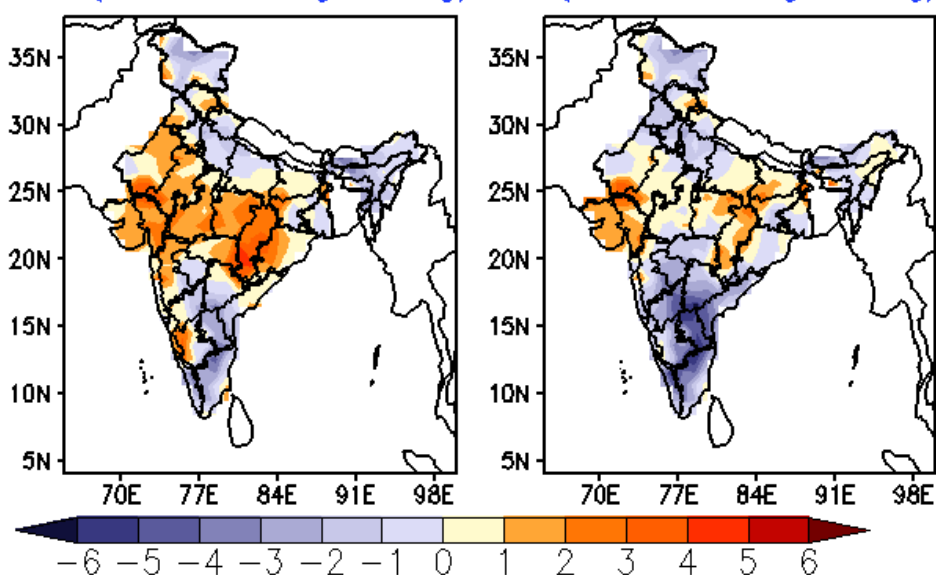
(Week1: 08Aug-14Aug)

(Week2: 15Aug-21Aug)

**MME forecast Tmax anomaly (Deg C)**

(Week1: 08Aug-14Aug)

(Week2: 15Aug-21Aug)



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