

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

**Press Release: Dated: 14<sup>th</sup> August, 2025**

**Subject: Current Weather Status and Extended range Forecast for the next two weeks (14<sup>th</sup> to 28<sup>th</sup> August 2025)**

**1. Salient Observed Features for the week ending 13<sup>th</sup> August 2025:**

- ❖ **Weak monsoon conditions continued to prevail during the week with western end of the monsoon trough north of its normal position and eastern end near the foothills of the Himalayas during the most days of the week.** Very heavy to extremely heavy rainfall spell continued over Himalayan region, northwest and northeast India during the week with isolated extremely heavy rainfall was observed over Nagaland, Manipur, Mizoram & Tripura on 7th August, East Uttar Pradesh on 8th August, Uttarakhand on 11th August, Jammu-Kashmir on 12th August, Bihar, and Sub-Himalayan West Bengal & Sikkim on 11th and 13th August. This caused further worsening of flood situation over Uttar Pradesh and Bihar. The weekly cumulative rainfall over meteorological sub-divisions of central and west India was deficient to large deficient rainfall during the week. All-India weekly rainfall departure was 25% below than the long period average. This heavy to extremely heavy rainfall spell over Western Himalayan Region during the week attributed to western disturbance which lay over North Pakistan during 10th to 12th August.
- ❖ **Formation of First Low Pressure Area of the month of the Aug 2025:** A Low Pressure Area formed over westcentral & adjoining northwest Bay of Bengal off North Andhra Pradesh and South Odisha coasts on 13th August. It caused very heavy to isolated extremely heavy rainfall over Telangana and Coastal Andhra Pradesh & Yanam on 13th August.
- ❖ **Heavy to very heavy rainfall** was recorded at isolated places over Assam & Meghalaya on 7th & 10th – 13th August, Himachal Pradesh on 7th & 12th August, Tamil Nadu, Puducherry & Karaikal on 7th August, Sub Himalayan West Bengal & Sikkim on 8th & 9th August, Bihar on 8th & 10th August, Chhattisgarh on 8th & 13th August, Telangana on 8th & 12th August, East Uttar Pradesh, Punjab on 9th & 12th August, East Madhya Pradesh on 9th, 10th & 13th August, West Uttar Pradesh on 10th & 11th August, Haryana, Chandigarh & Delhi, South Interior

Karnataka on 10th August, Jharkhand, Rayalaseema on 11th August, Uttarakhand on 12th August, Arunachal Pradesh, Coastal Andhra Pradesh & Yanam on 13th August.

❖ **Heavy rainfall** was recorded at isolated places over East Uttar Pradesh on 7th, 11th & 13th August, North Interior Karnataka during 7th – 11th August, South Interior Karnataka on 7th & 9th August, Sub-Himalayan West Bengal & Sikkim on 7th, 10th & 12th August, Odisha during 7th – 9th & 11th – 13th August, Jharkhand on 7th & 8th August, Rayalaseema during 7th – 10th & 12th August, Telangana on 7th, 10th & 11th August, Marathawada, Coastal Karnataka on 7th August, Andaman & Nicobar Islands on 8th & 12th August, Assam & Meghalaya on 8th & 9th August, Nagaland, Manipur, Mizoram & Tripura on 8th, 10th & 13th August, Gangetic West Bengal on 8th, 12th & 13th August, Uttarakhand on 8th, 9th & 13th August, East Madhya Pradesh on 8th, 11th & 12th August, Coastal Andhra Pradesh & Yanam on 8th, 10th & 12th August, Tamil Nadu, Puducherry & Karaikal during 8th – 11th August; Arunachal Pradesh on 9th, 11th & 12th August, Vidarbha on 9th & 13th August, Himachal Pradesh on 9th & 10th August, West Uttar Pradesh, Haryana Chandigarh & Delhi, Telangana on 9th August, Punjab, Gujarat Region on 10th & 11th August, West Madhya Pradesh on 11th & 12th August, Haryana, Bihar on 11th & 12th August, Jammu-Kashmir, Madhya Maharashtra on 11th August, Chhattisgarh on 12th August, Kerala & Mahe on 13th August.

❖ **Weekly Average Maximum temperature** was above normal by 1-3°C over parts of central and adjoining west India, below normal by 2-4°C over parts of east and northeast India during the week. **Weekly Average Minimum temperature** was above normal by 1-3°C over Jammu region during second half of the week and nearly normal over the country during the week.

❖ **Temperature Scenario:** The lowest minimum temperature of **18.4°C** had been recorded at **Matheran (Maharashtra)** on **13<sup>th</sup> August, 2025** and the highest maximum temperature of **40.0°C** had been recorded at **Madurai (Tamil Nadu)** on **07<sup>th</sup> August, 2025** over the plains of the country during the week.

❖ **Analysis of weekly overall rainfall distribution during the week-ending on 13<sup>th</sup> August and the Monsoon Season's Rainfall Scenario (01.06.2025 to 13.08.2025):** The country as a whole, the weekly cumulative All India Rainfall (for 07<sup>th</sup> to 13<sup>th</sup> August 2025) in % departure from its long period average (LPA) is -25%. All India Seasonal cumulative rainfall % departure during this year's Monsoon Season Rainfall (01<sup>st</sup> June to 13<sup>th</sup> August 2025) is 0%. 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 II & III, respectively.

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

Region	Week			Season		
	07.08.2025 TO 13.08.2025			01.06.2025 TO 13.08.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
<b>EAST &amp; NORTHEAST INDIA</b>	75.7	75.9	0%	745.9	891.4	-16%
<b>NORTHWEST INDIA</b>	34.2	49.3	-31%	435.4	379.5	+15%
<b>CENTRAL INDIA</b>	31.7	74.9	-58%	650.3	636.2	+2%
<b>SOUTH PENINSULA</b>	66.0	46.7	+41%	458.9	452.5	+1%
<b>THE COUNTRY AS A WHOLE</b>	<b>46.2</b>	<b>61.7</b>	<b>-25%</b>	<b>561.8</b>	<b>561.9</b>	<b>0%</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 close to 1. It is very likely to propagate eastwards and enter into phase 3 with increasing amplitude during the first week. It is likely to enter into phase 4 during the second week.

## 3. Forecast for the next two weeks

### Weather systems & associated Precipitation during Week 1 (14 to 20 August, 2025) and Week 2 (21 to 27 August, 2025)

### Weather systems & associated Precipitation during Week 1 (14 to 20 August)

- ❖ The Monsoon trough at mean sea level runs south of its normal position.
- ❖ The low-pressure area lay over northwest and adjoining areas of Westcentral Bay

of Bengal and South Odisha-North Andhra Pradesh Coasts at 0830 hrs IST of today, the 14th August 2025. It is likely to move west-northwestwards across south Odisha-North Coastal Andhra Pradesh during next 24 hours.

- ❖ An upper air cyclonic circulation lies over Punjab and another over West Uttar Pradesh in lower tropospheric levels.
- ❖ An upper air cyclonic circulation lies over Northeast Arabian Sea & adjoining Kutch in lower tropospheric levels.
- ❖ An east-west trough runs from central parts of Bay of Bengal to northeast Arabian sea adjoining Kutch in lower tropospheric levels tilting southward with height.
- ❖ Also, there is a likelihood of the development of a cyclonic circulation/low pressure area over northwest Bay of Bengal off Gangetic West Bengal & adjoining North Odisha coasts during the end of the first week with gradual west-northwestwards movement across north Odisha.

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

#### **Northeast India:**

- ❖ Isolated **heavy rainfall** likely to continue over Arunachal Pradesh, Assam & Meghalaya on 14th, 16th, 17th, 20th; Nagaland, Manipur, Mizoram & Tripura during 14th-18th August with **very heavy rainfall** over Assam & Meghalaya on 16th August.
- ❖ Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely during next 3 days.

#### **Northwest India:**

- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir on 15th, 17th & 18th; Himachal Pradesh, Uttarakhand during 14th-20th; Punjab, Haryana, Chandigarh on 15th & 16th; West Uttar Pradesh on 16th; East Uttar Pradesh on 14th; West Rajasthan on 16th & 17th; East Rajasthan during 14th-18th & on 20th August with **very heavy rainfall** over Jammu- Kashmir, Himachal Pradesh, Punjab, Haryana, Chandigarh, West Uttar Pradesh on 14th; Uttarakhand on 14th, 16th & 17th; East Rajasthan on 15th & 16th August.
- ❖ Light/moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand & Rajasthan during next 7 days.

#### **South Peninsular India:**

- ❖ Isolated **heavy rainfall** likely over Tamil Nadu & Rayalaseema on 14th; Kerala & Mahe during 14th-18th; Coastal Andhra Pradesh & Yanam, Telangana, Interior

Karnataka during 14th-19th; Coastal Karnataka during 14th-20<sup>th</sup> August with isolated **very heavy rainfall** over Coastal Andhra Pradesh & Yanam on 14th; Telangana during 14th-16th; Coastal Karnataka on 14th & during 17th-19th; South Interior Karnataka on 19th August.

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

- ❖ Isolated **heavy rainfall** likely over Madhya Pradesh, Vidarbha & Chhattisgarh during 14th-20th; Sub-Himalayan West Bengal & Sikkim on 14th & during 17th-19th; Gangetic West Bengal on 14th; Bihar on 14th, 17th & 18th; Odisha during 15th-18th August with isolated **very heavy rainfall** over West Madhya Pradesh on 14th & 15th; Vidarbha on 14th & 17th; Chhattisgarh on 14th & during 18th-20th and Odisha on 14th August.
- ❖ Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 7 days.

#### **West India:**

- ❖ **Extremely heavy rainfall** very likely at isolated places over Konkan & Goa on 17th; Madhya Maharashtra on 17th & 18th August.
- ❖ Isolated **heavy rainfall** likely over Madhya Maharashtra on 14th; Konkan & Goa on 15th & 20th; Marathwada on 14th, 15th & 18th; Gujarat Region during 14th-17th; Saurashtra & Kutch on 17th August with isolated **very heavy rainfall** over Konkan & Goa on 14th, 16th, 18th & 19th; Ghat areas of Madhya Maharashtra during 15th-20th; Gujarat State during 18th-20th August.
- ❖ Light to moderate rainfall at many/some places very likely over the region during next 5 days.

#### **Precipitation for week 2 (21 to 27 August, 2025):**

- ❖ The monsoon trough at mean sea level is likely to run south of its normal position during many days of the week.
- ❖ There is a likelihood of the development of a cyclonic circulation/low pressure area over Gangetic West Bengal-north Odisha coasts and adjoining areas of northwest Bay of Bengal during the end of week 2 (around 27th August) with gradual west-northwestwards movement across Jharkhand.
- ❖ Fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely over many parts of Peninsular India (especially Western Ghats, Konkan & Goa, Gujarat, South Rajasthan and southwest Madhya Pradesh) during many days of the week.
- ❖ Overall during the week, above normal rainfall is likely in Central India, Gujarat and adjoining plains of northwest India and parts of Karnataka, Telangana, Andhra Pradesh and below normal rainfall is likely in and adjoining parts of

East India, northern parts of Uttar Pradesh and Bihar, Andhra Pradesh and Kerala during the week.

**Temperature forecast for Week 1 (14 to 20 August, 2025) and Week 2 (21 to 27 August, 2025)**

**Temperature forecast for Week 1 (14 to 20 August, 2025):**

- ❖ **Maximum** Temperature Departures (as on 13-08-2025): markedly above normal ( $> 5.1^{\circ}\text{C}$ ) at isolated places over Odisha and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad. appreciably above normal ( $3.1^{\circ}\text{C}$  to  $5.0^{\circ}\text{C}$ ) at isolated places over Gangetic West Bengal, East Rajasthan, Madhya Maharashtra and Chhattisgarh. above normal ( $1.6^{\circ}\text{C}$  to  $3.0^{\circ}\text{C}$ ) at few places over Gujarat Region; at isolated places over West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, West Madhya Pradesh, Saurashtra & Kutch, Vidarbha and Coastal Andhra Pradesh & Yanam. near normal ( $-1.5^{\circ}\text{C}$  to  $1.5^{\circ}\text{C}$ ) at most places over West Rajasthan and Lakshadweep; at few places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, East Madhya Pradesh, Konkan & Goa, Marathwada, Telangana, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Tamil Nadu, Puducherry & Karaikal. The highest maximum temperature of  $37.6^{\circ}\text{C}$  is reported at BIKANER (RAJASTHAN).
- ❖ Maximum temperatures are likely to be above normal in many parts of Central India, Gujarat, Rajasthan, East Uttar Pradesh, Bihar and NE India during the first week.

**Temperature forecast for Week 2 (21 to 27 August, 2025):**

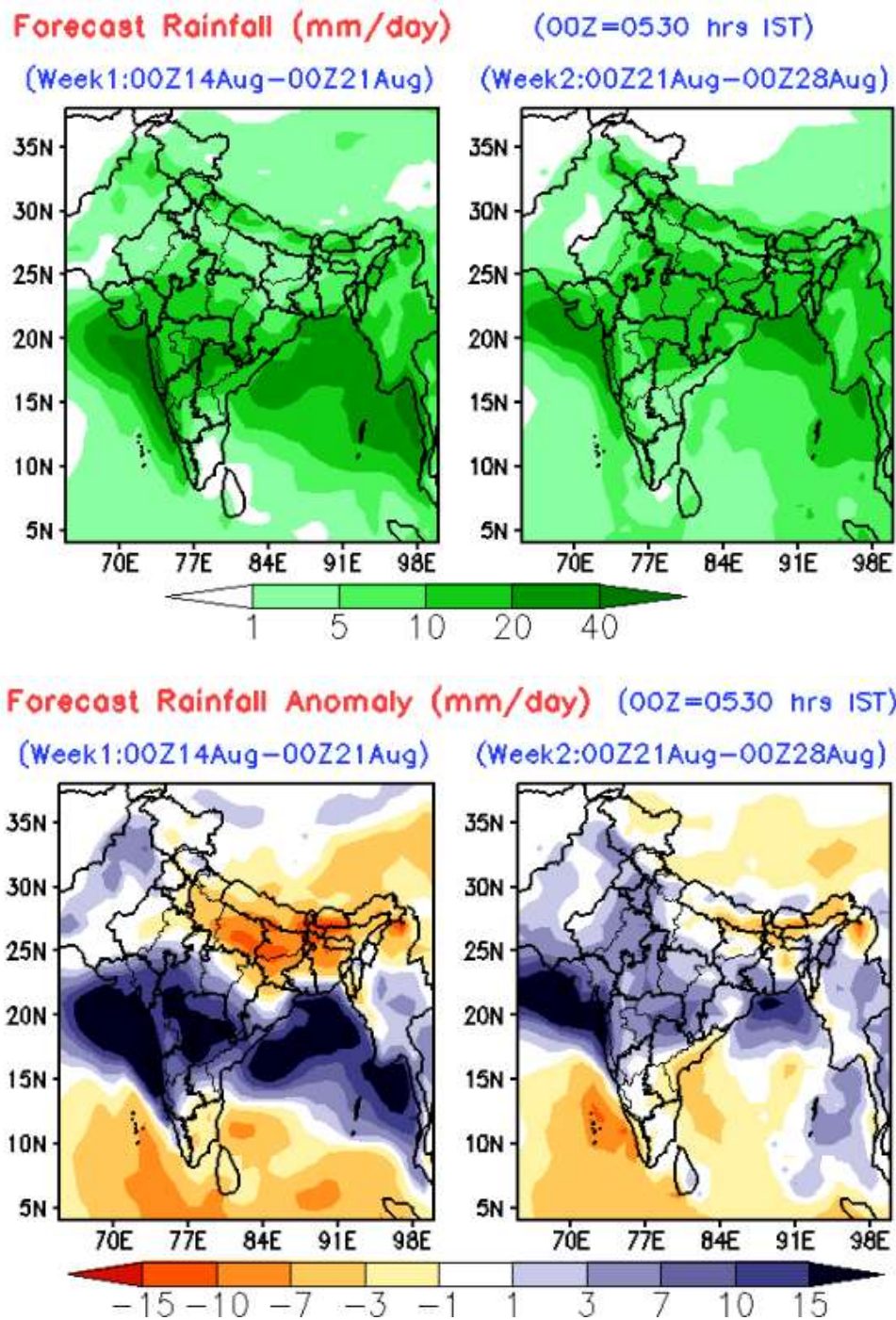
- ❖ Maximum temperatures are likely to be above normal in J&K, Himachal Pradesh, Uttarakhand, Arunachal Pradesh and some parts of Assam during the second week.



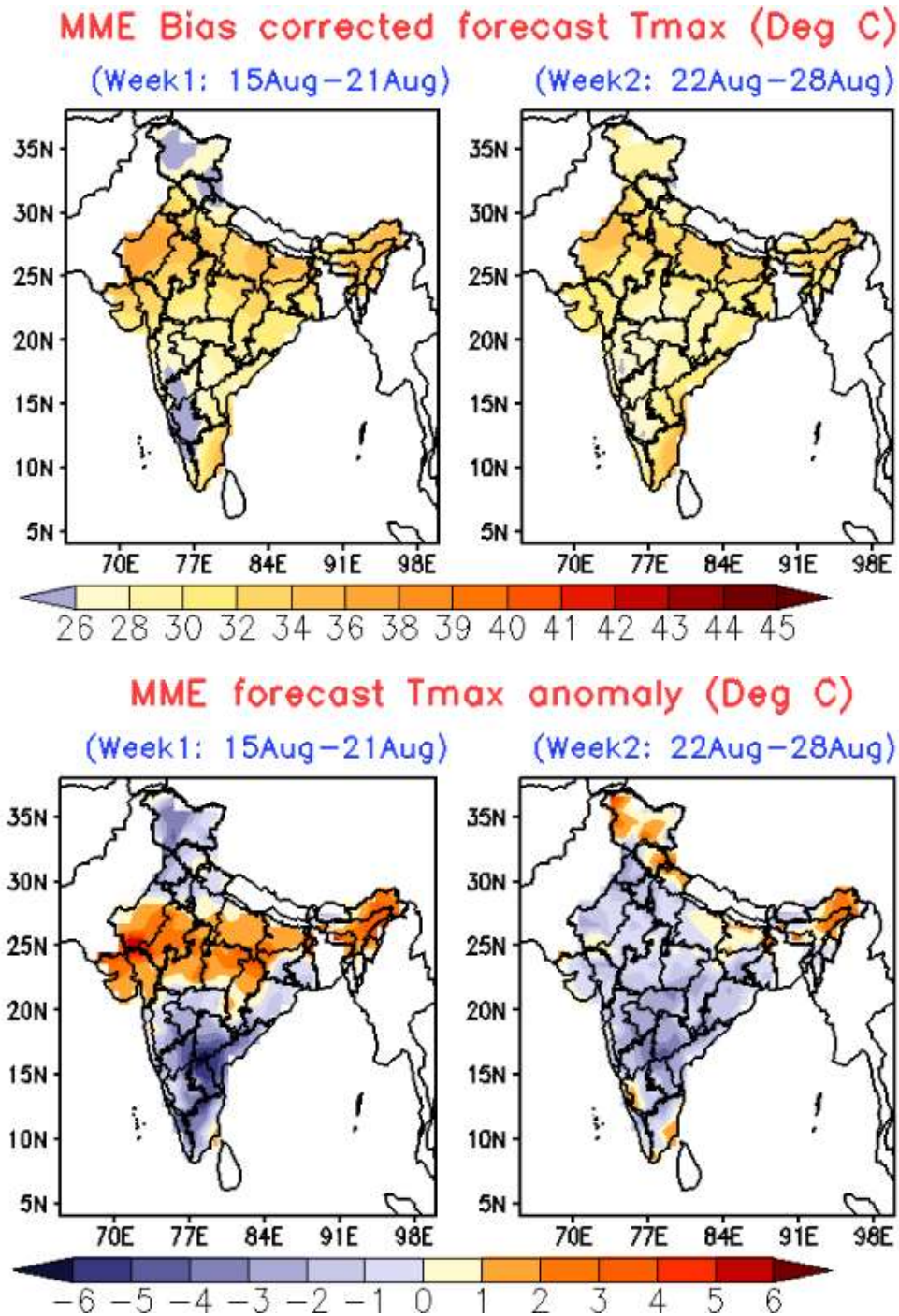








Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME



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