

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

**Press Release: Dated: 04<sup>th</sup> September 2025**

**Subject: Current Weather Status and Extended range Forecast for the next two weeks (04<sup>th</sup> to 17<sup>th</sup> September 2025)**

**1. Salient Observed Features for the week ending 03<sup>rd</sup> September 2025:**

- ❖ **Active to vigorous monsoon conditions with heavy to very heavy rainfall spell observed during the week over the Western Himalayan States due to interactions of moisture laden southerly/southeasterly monsoonal winds at lower tropospheric levels with a practically stationary active western disturbance persisting at middle and upper tropospheric levels, over north Pakistan & adjoining Punjab and Kashmir during the week. It is to add that such heavy to very heavy rainfall spell continued to prevail consecutively for the second week, Further, these interactions were coupled with a cyclonic circulation over northeast Rajasthan & adjoining Haryana which caused heavy to very heavy rainfall with isolated extremely heavy rainfall spell over adjoining Plains including Punjab and Haryana during 31<sup>st</sup> August – 3<sup>rd</sup> September. This had caused landslides and flash floods over the Western Himalayan States and it also caused further deterioration of flood conditions in Punjab.** The weekly cumulative rainfall over most of the meteorological sub-divisions of northwest and central India was normal to above normal rainfall during the week. All-India weekly rainfall departure was 48% above than the long period average.
- ❖ **Exceptionally heavy rainfall** recorded over Telangana (Kamareddy-41 cm) on 28<sup>th</sup> August and **heavy to very heavy rainfall with isolated extremely heavy rainfall** recorded over Chhattisgarh on 27<sup>th</sup> August, Telangana on 27<sup>th</sup> – 29<sup>th</sup> August, Marathawada on 29<sup>th</sup> August due to slow west-northwestward movement of last week's **Well-Marked Low Pressure Area** over northwest Bay of Bengal off Odisha coast. It weakened into a **Low Pressure Area** over South Odisha adjoining Chhattisgarh at 0530 hrs IST of 28<sup>th</sup> August and became less marked at 0530 hrs IST of 29<sup>th</sup> August.
- ❖ **Formation of a Well-Marked Low Pressure Area over northwest Bay of Bengal:** Under the influence of an upper air cyclonic circulation over northeast Bay of Bengal & adjoining Myanmar coast a **Low Pressure Area** formed over Northwest Bay of Bengal at 0530 hrs IST of 02<sup>nd</sup> September and lay as a **Well-Marked Low Pressure Area** over the same region at 0530 hrs IST of 03<sup>rd</sup> September. It caused

isolated very heavy to extremely heavy rainfall over Odisha and heavy rainfall over Coastal Andhra Pradesh on 2<sup>nd</sup> & 3<sup>rd</sup> September.

- ❖ **Monsoon Trough** with western end near its normal position and eastern end to the south of its normal position on 28<sup>th</sup> & 29<sup>th</sup> August, south of its normal position on 30<sup>th</sup> & 31<sup>st</sup> August, near normal position during 01<sup>st</sup> – 03<sup>rd</sup> September.
- ❖ **Cloudburst** was recorded over Manali area & neighbourhood of Chennai during the night of 30<sup>th</sup> August 2025, especially during 2200 hrs IST to 2400 IST ([https://internal.imd.gov.in/press\\_release/20250831\\_pr\\_4261.pdf](https://internal.imd.gov.in/press_release/20250831_pr_4261.pdf)).
- ❖ **Extremely heavy rainfall** was recorded at isolated places over Telangana on 28<sup>th</sup> & 29<sup>th</sup> August & 1<sup>st</sup> September, Konkan & Goa on 28<sup>th</sup> August, Coastal Karnataka, Marathawada on 29<sup>th</sup> August, Tamil Nadu, Puducherry & Karaikal on 31<sup>st</sup> August, Himachal Pradesh, Uttarakhand, Punjab, West Rajasthan on 01<sup>st</sup> September, West Uttar Pradesh and Odisha on 2<sup>nd</sup> September, Jammu-Kashmir on 3<sup>rd</sup> September.
- ❖ **Very heavy rainfall** was recorded at isolated places over Sub-Himalayan West Bengal & Sikkim during 28<sup>th</sup> – 30<sup>th</sup> August, Madhya Maharashtra on 28<sup>th</sup> & 30<sup>th</sup> August, Coastal Karnataka, Marathawada on 28<sup>th</sup> August; Kerala & Mahe on 29<sup>th</sup> August & 3<sup>rd</sup> September, Tamil Nadu, Puducherry & Karaikal on 29<sup>th</sup> August, East Rajasthan on 29<sup>th</sup> & 31<sup>st</sup> August – 2<sup>nd</sup> September, Gujarat Region during 29<sup>th</sup> – 31<sup>st</sup> August, Himachal Pradesh on 29<sup>th</sup> August & 2<sup>nd</sup> & 3<sup>rd</sup> September, Uttarakhand on 29<sup>th</sup> & 31<sup>st</sup> August & 2<sup>nd</sup> & 3<sup>rd</sup> September, East Uttar Pradesh on 29<sup>th</sup> & 31<sup>st</sup> August & 1<sup>st</sup> & 2<sup>nd</sup> September, West Madhya Pradesh on 29<sup>th</sup> & 30<sup>th</sup> August & 3<sup>rd</sup> September, West Uttar Pradesh on 30<sup>th</sup> August & 1<sup>st</sup> & 3<sup>rd</sup> September, Konkan & Goa on 30<sup>th</sup> August, West Rajasthan on 31<sup>st</sup> August, Odisha on 31<sup>st</sup> August & 3<sup>rd</sup> September, Haryana Chandigarh & Delhi during 01<sup>st</sup> – 3<sup>rd</sup> September, Punjab on 2<sup>nd</sup> & 3<sup>rd</sup> September, Vidarbha, Chhattisgarh, Gangetic West Bengal on 2<sup>nd</sup> September.
- ❖ **Heavy rainfall** was recorded at isolated places over Kerala & Mahe, North Interior Karnataka, Uttarakhand on 28<sup>th</sup> August, Himachal Pradesh on 28<sup>th</sup>, 30<sup>th</sup> & 31<sup>st</sup> August, Punjab during 28<sup>th</sup> – 31<sup>st</sup> August, East Rajasthan on 28<sup>th</sup> & 30<sup>th</sup> August & 3<sup>rd</sup> September, West Madhya Pradesh on 28<sup>th</sup> August & 31<sup>st</sup> August – 2<sup>nd</sup> September, East Madhya Pradesh on 28<sup>th</sup> & 29<sup>th</sup> August & 1<sup>st</sup> – 3<sup>rd</sup> September, Odisha on 28<sup>th</sup> August & 1<sup>st</sup> September, Gujarat Region on 28<sup>th</sup> August & 1<sup>st</sup> September, South Interior Karnataka during 28<sup>th</sup> – 30<sup>th</sup> August & 3<sup>rd</sup> September, Coastal Andhra Pradesh & Yanam on 28<sup>th</sup> August & 2<sup>nd</sup> & 3<sup>rd</sup> September, Arunachal Pradesh during 28<sup>th</sup> – 31<sup>st</sup> August & 3<sup>rd</sup> September, Assam & Meghalaya during 28<sup>th</sup> – 31<sup>st</sup> August, Nagaland, Manipur, Mizoram & Tripura on 28<sup>th</sup> August & 2<sup>nd</sup> & 3<sup>rd</sup> September, Haryana Chandigarh & Delhi during 29<sup>th</sup> – 31<sup>st</sup> August, Konkan & Goa on 29<sup>th</sup> August & 3<sup>rd</sup> September, Madhya Maharashtra on 29<sup>th</sup> August & 1<sup>st</sup> – 3<sup>rd</sup> September, Lakshadweep, Vidarbha on 29<sup>th</sup> August, Jammu-Kashmir on 30<sup>th</sup> August & 1<sup>st</sup> & 2<sup>nd</sup> September, West Rajasthan on 30<sup>th</sup> August & 2<sup>nd</sup> September, Coastal Karnataka on 30<sup>th</sup> August & 3<sup>rd</sup> September, East Uttar Pradesh,

Marathawada on 30<sup>th</sup> August, West Uttar Pradesh, Bihar on 31<sup>st</sup> August, Andaman & Nicobar Islands during 1<sup>st</sup> – 3<sup>rd</sup> September, Chhattisgarh on 01<sup>st</sup> & 3<sup>rd</sup> September, Sub-Himalayan West Bengal & Sikkim, Marathawada on 2<sup>nd</sup> September, Jharkhand, Telangana on 2<sup>nd</sup> & 3<sup>rd</sup> September.

- ❖ **Weekly Average Maximum temperature** was below normal by 2-4°C over parts of north, west and adjoining central India, and above normal by 2-4°C over parts of northeast India during second half of the week. It was nearly normal over rest parts of the country during the week. **Weekly Average Minimum temperature** was nearly normal over the entire country during the week.
- ❖ **Temperature Scenario:** The lowest minimum temperature of **15.2°C** had been recorded at **T.B.I.A. (Maharashtra)** on **03<sup>rd</sup> September, 2025** and the highest maximum temperature of **40.5°C** had been recorded at **Madurai (Tamilnadu)** on **29<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 03<sup>rd</sup> September and the Monsoon Season's Rainfall Scenario (01.06.2025 to 03.09.2025):** The country as a whole, the weekly cumulative All India Rainfall (ending on 03<sup>rd</sup> September) in % departure from its long period average (LPA) is +48%. All India Seasonal cumulative rainfall % departure during this year's Monsoon Season Rainfall (01<sup>st</sup> June to 03<sup>rd</sup> September 2025) is 08%. 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		
	28.08.2025 TO 03.09.2025			01.06.2025 TO 03.09.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
<b>EAST &amp; NORTHEAST INDIA</b>	<b>46.1</b>	<b>64.7</b>	<b>-29%</b>	<b>908.7</b>	<b>1112.5</b>	<b>-18%</b>
<b>NORTHWEST INDIA</b>	<b>95.9</b>	<b>34.0</b>	<b>+182%</b>	<b>680.5</b>	<b>500.2</b>	<b>+36%</b>
<b>CENTRAL INDIA</b>	<b>69.0</b>	<b>62.4</b>	<b>+11%</b>	<b>902.2</b>	<b>824.5</b>	<b>+9%</b>
<b>SOUTH PENINSULA</b>	<b>63.3</b>	<b>36.6</b>	<b>+73%</b>	<b>626.2</b>	<b>571.8</b>	<b>+10%</b>
<b>THE COUNTRY AS A WHOLE</b>	<b>72.5</b>	<b>49.0</b>	<b>+48%</b>	<b>780.8</b>	<b>721.1</b>	<b>+8%</b>

## 2. Large-scale features:

- ❖ Currently, neutral El Niño–Southern Oscillation (ENSO) conditions are prevailing over the equatorial Pacific region. Forecasts from the Monsoon Mission Climate Forecast System (MMCFS), along with other climate models, suggest that these

neutral conditions are likely to persist throughout the monsoon season. However, there is an increased likelihood of La Niña conditions developing during the post-monsoon season.

- ❖ At present, neutral Indian Ocean Dipole (IOD) conditions are prevailing over the Indian Ocean. Forecasts from the MMCFS and other climate models indicate that weak negative IOD conditions are likely to develop towards the end of the monsoon season, persisting for a brief period.
- ❖ MJO is currently in phase 2 with amplitude close to 1. It is likely to continue in the same phase with a gradually decreasing trend in amplitude till the first half of week 2. Thereafter it will move rapidly across phases 8 & 1. Thus, MJO is likely to support enhancement of convective activity over the Arabian Sea (AS) region till the first half of week 2.

### 3. Forecast for the next two weeks

#### Weather systems & associated Precipitation during Week 1 (04 to 10 September 2025) and Week 2 (11 to 17 September 2025)

#### Weather systems & associated Precipitation during Week 1 (04 to 10 September 2025)

- ❖ The Monsoon trough at mean sea level runs south of its normal position and extend upto lower tropospheric levels.
- ❖ A low pressure area lay over north Chhattisgarh & adjoining East Madhya Pradesh at 0830 hrs IST of today, the 04th September 2025. The associated cyclonic circulation extended upto middle tropospheric levels tilting southwestwards with height. It is likely to move west-northwestwards across East Madhya Pradesh during next 24 hours.
- ❖ An **upper air cyclonic circulation** lay over southwest Madhya Pradesh in lower & middle tropospheric levels.
- ❖ A **trough** runs from northeast Arabian Sea to northwest Bay of Bengal in lower & middle tropospheric levels.
- ❖ A **Western Disturbance** seen as a trough in middle & upper tropospheric westerlies roughly along Long. 74°E to the north of Lat. 28°N.
- ❖ An **upper air cyclonic circulation** lies over northeast Assam in lower tropospheric levels.

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

#### **West India:**

- ❖ **Extremely heavy rainfall** very likely at isolated places over Gujarat Region during 04<sup>th</sup>-06<sup>th</sup> September; Saurashtra & Kutch on 06<sup>th</sup> & 07<sup>th</sup> September.

- ❖ **Isolated heavy rainfall** is very likely over Konkan & Goa, Madhya Maharashtra during 04<sup>th</sup>-06<sup>th</sup>; Marathawada on 04<sup>th</sup>; Gujarat State on 08<sup>th</sup> September with **very heavy rainfall over Konkan & Goa, Madhya Maharashtra, Saurashtra & Kutch on 04<sup>th</sup> & 05<sup>th</sup>; Gujarat Region on 07<sup>th</sup> September.**
- ❖ Light to moderate rainfall accompanied with thunderstorm & lightning at a few/many places very likely over the region during next 5 days.

#### **Northwest India:**

- ❖ Isolated **heavy rainfall** likely to continue Uttarakhand and Rajasthan during 04<sup>th</sup>-08<sup>th</sup>; Punjab on 04<sup>th</sup> & 10<sup>th</sup>; Haryana, Chandigarh on 04<sup>th</sup>, 05<sup>th</sup> & during 08<sup>th</sup>-10<sup>th</sup>; East Uttar Pradesh on 09<sup>th</sup> September with **isolated very heavy rainfall very likely over West Rajasthan on 06<sup>th</sup> & 07<sup>th</sup>; East Rajasthan during 04<sup>th</sup>-07<sup>th</sup> September.**
- ❖ Light to moderate rainfall accompanied with thunderstorm & lightning at a few/many places very likely over the region during next 7 days.

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

- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh during 04<sup>th</sup>-06<sup>th</sup>; East Madhya Pradesh on 04<sup>th</sup> & 05<sup>th</sup>; Vidarbha, Chhattisgarh & Odisha on 04<sup>th</sup>; Andaman & Nicobar Islands on 06<sup>th</sup> & 07<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim on 05<sup>th</sup> & during 07<sup>th</sup>-10<sup>th</sup>; Bihar during 08<sup>th</sup>-10<sup>th</sup> September with isolated **very heavy rainfall over West Madhya Pradesh on 04<sup>th</sup> & 05<sup>th</sup> September.**
- ❖ Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 7 days.

#### **Northeast India:**

- ❖ Isolated **heavy rainfall** likely over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 04<sup>th</sup>-07<sup>th</sup> and Arunachal Pradesh on 04<sup>th</sup> & during 06<sup>th</sup>-10<sup>th</sup> September.
- ❖ Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely during next 7 days.

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

- ❖ Isolated **heavy rainfall** likely over Kerala & Mahe on 04<sup>th</sup>; Tamil Nadu on 08<sup>th</sup> & 09<sup>th</sup> September.
- ❖ Strong surface winds (speed reaching 30-40 kmph) very likely over Coastal Andhra Pradesh & Yanam, Rayalaseema during next 5 days.
- ❖ Light to moderate rainfall accompanied with thunderstorm & lightning at a few places likely over the region during next 5 days.

### **Precipitation for week 2 (11 to 17 September 2025):**

- ❖ The monsoon trough at mean sea level is likely to run near its normal or north of its normal position at mean sea level during most days of the week.
- ❖ Fairly widespread to widespread rainfall with isolated heavy to very falls likely over most parts of northeast & east India (especially Bihar, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya) during many days of the week.
- ❖ Fairly widespread to widespread rainfall with isolated heavy falls also likely over many parts central India during many days of the week.
- ❖ Overall, rainfall activity is likely to be normal to above normal over east & northeast India; near normal over central & south Peninsular India and below normal over most parts of northwest India during the week (Annexure III).

### **Temperature forecast for Week 1 (04 to 10 September 2025) and Week 2 (11 to 17 September 2025)**

#### **Temperature forecast for Week 1 (04 to 10 September 2025):**

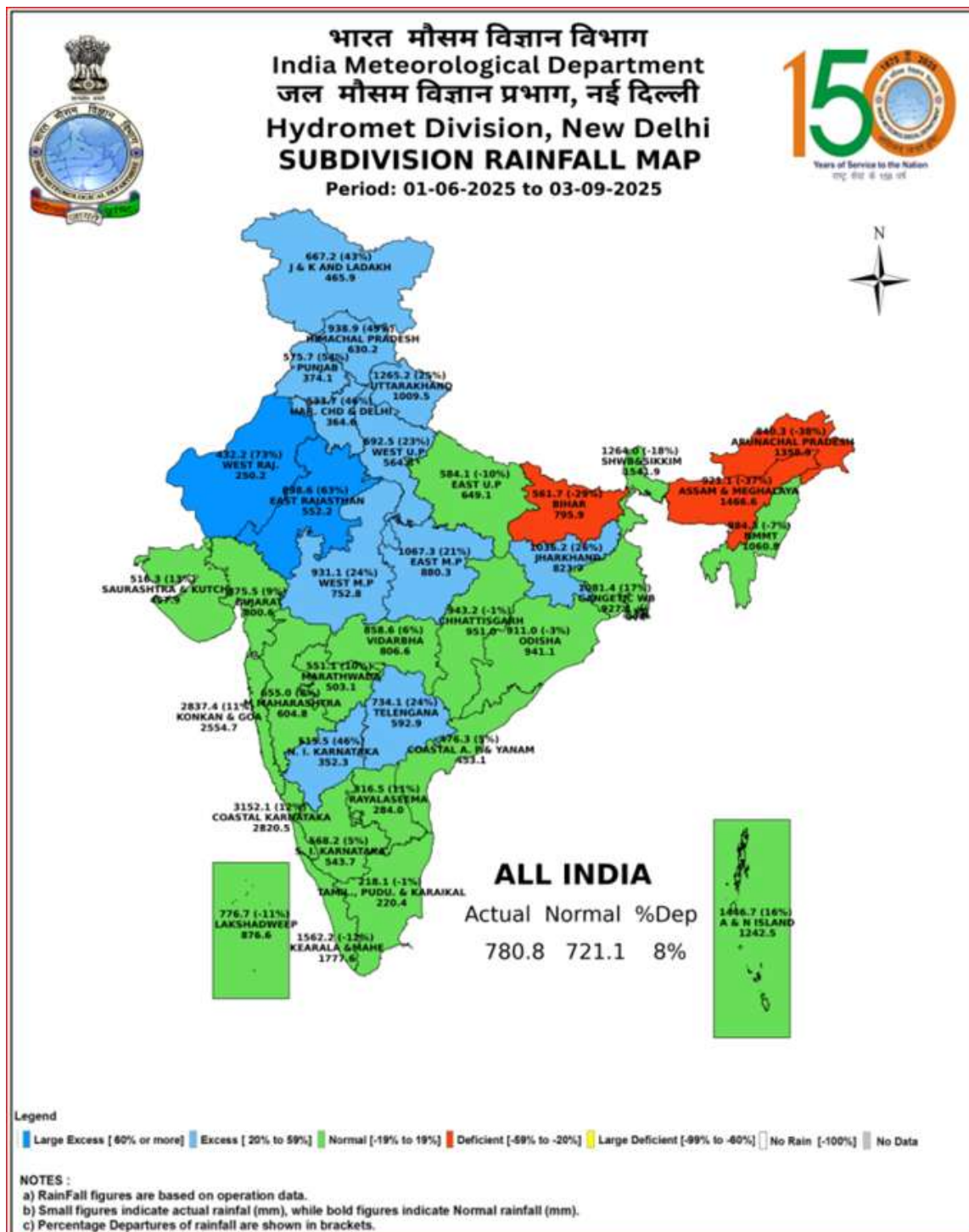
- ❖ **Maximum Temperature Departures (as on 04-09-2025):** markedly above normal( $> 5.1^{\circ}\text{C}$ ) at few places over Arunachal Pradesh and Assam & Meghalaya; at isolated places over Odisha and Tamil Nadu, Puducherry & Karaikal. appreciably above normal( $3.1^{\circ}\text{C}$  to  $5.0^{\circ}\text{C}$ ) at many places over Sub Himalayan West Bengal & Sikkim; at isolated places over Bihar and Coastal Andhra Pradesh & Yanam. above normal( $1.6^{\circ}\text{C}$  to  $3.0^{\circ}\text{C}$ ) at many places over Nagaland, Manipur, Mizoram & Tripura; at isolated places over East Uttar Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra and Kerala & Mahe. These are near normal or below normal over rest parts of the country. The highest maximum temperature of  $39.4^{\circ}\text{C}$  is reported at MADURAI (A) (TAMIL NADU).
- ❖ Overall, maximum temperatures are likely to be near normal or below normal over most parts of the country except some parts of east & northeast India, where these are likely to be slightly above normal by about  $2^{\circ}\text{C}$  during the week.

#### **Temperature forecast for Week 2 (11 to 17 September 2025):**

- ❖ Maximum temperatures are likely to be near normal over most parts of the country during the week (Annexure IV).







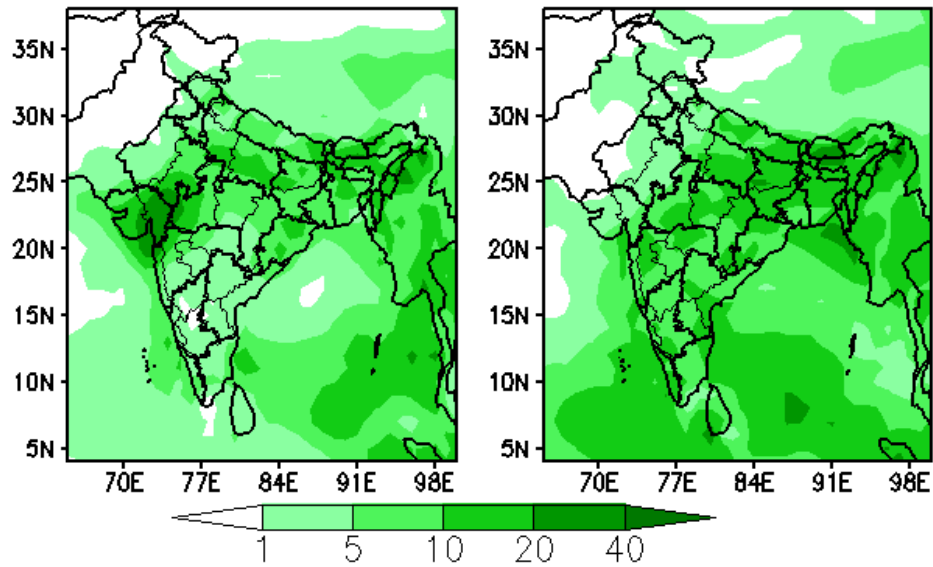


### Annexure III

**Forecast Rainfall (mm/day)** (00Z=0530 hrs IST)

(Week1:00Z04Sep-00Z11Sep)

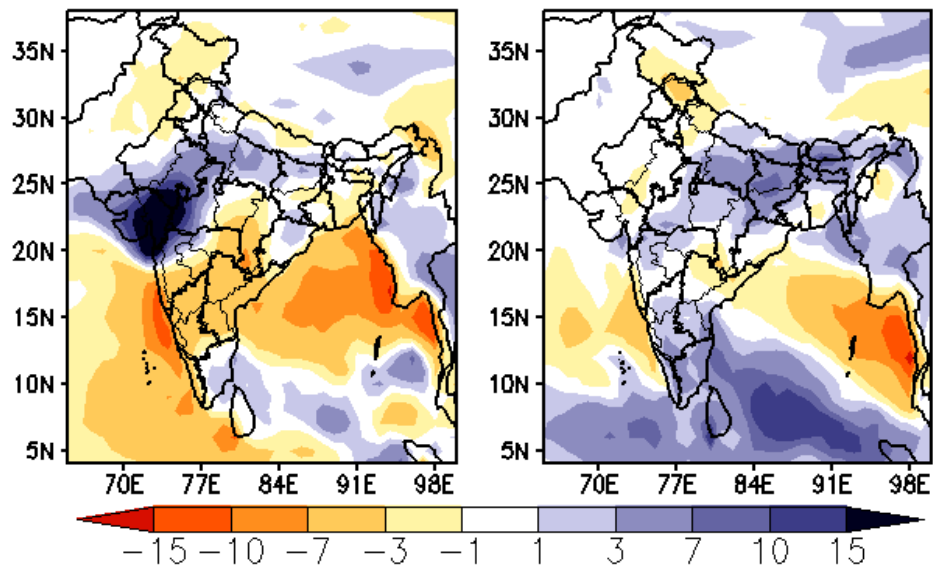
(Week2:00Z11Sep-00Z18Sep)



**Forecast Rainfall Anomaly (mm/day)** (00Z=0530 hrs IST)

(Week1:00Z04Sep-00Z11Sep)

(Week2:00Z11Sep-00Z18Sep)

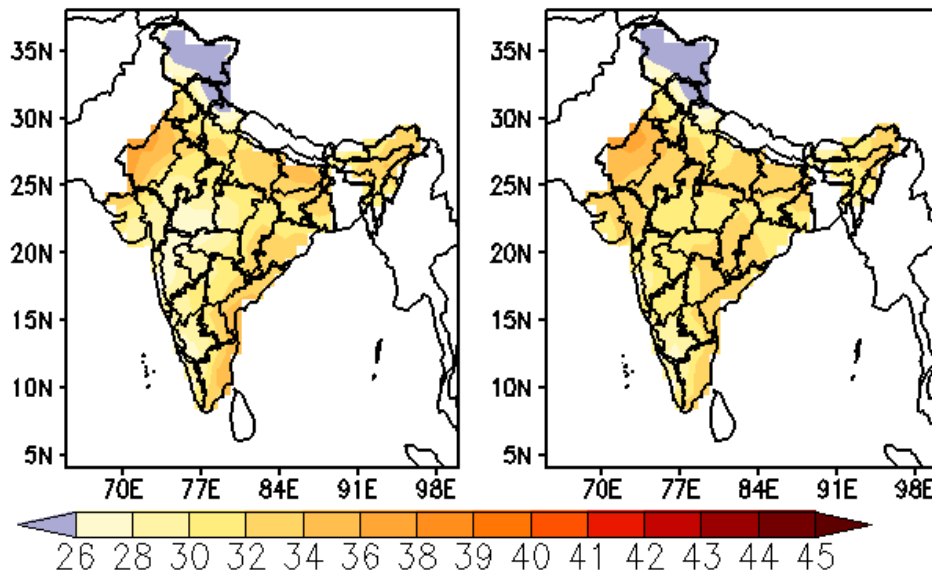


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

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

(Week1: 05Sep–11Sep)

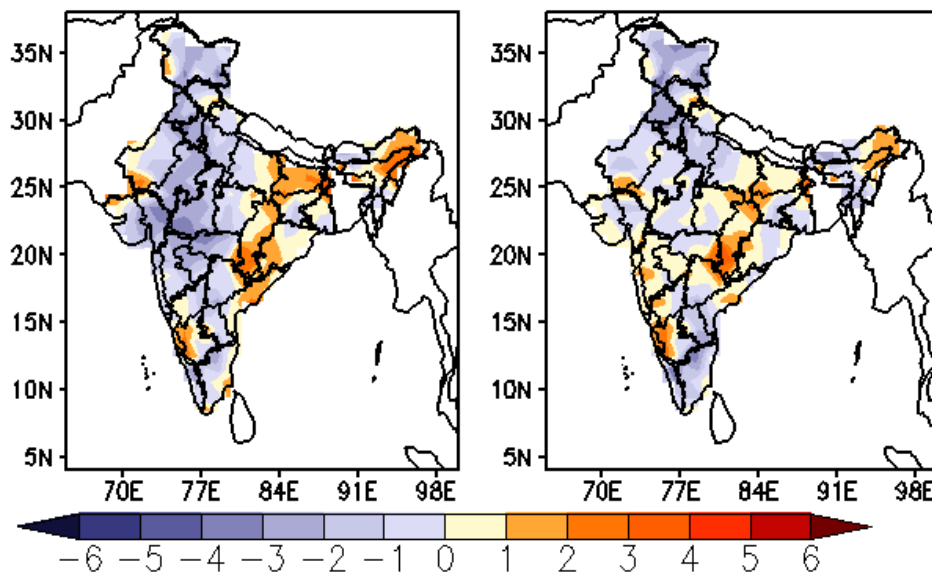
(Week2: 12Sep–18Sep)



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

(Week1: 05Sep–11Sep)

(Week2: 12Sep–18Sep)



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