

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

**Press Release: Dated: 18<sup>th</sup> September 2025**

**Subject: Current Weather Status and Extended range Forecast for the next two weeks (18<sup>th</sup> September to 01<sup>st</sup> October 2025)**

**1. Salient Observed Features for the week ending 17<sup>th</sup> September 2025:**

- ❖ **Withdrawal of Southwest Monsoon from West Rajasthan:** During the week, southwest monsoon has withdrawn from some parts of West Rajasthan on 14<sup>th</sup> September, 2025 against the normal date of 17<sup>th</sup> September. It has further withdrawn from some more parts of Rajasthan, some parts of Gujarat, Punjab and Haryana on 16<sup>th</sup> September. The line of withdrawal of southwest monsoon passed through 31°N/74°E, Bhatinda, Fatehabad, Pilani, Ajmer, Deesa, Bhuj and 23°N/68°E on 16<sup>th</sup> September.
- ❖ **Heavy to Extremely Heavy rainfall spell over western Himalayan region during 13-16 September:** Very heavy to extremely heavy rainfall spell recorded over parts of western Himalayan region during 13<sup>th</sup> – 16<sup>th</sup> September. **Extremely heavy rainfall** was recorded at isolated places over Uttarakhand on 13<sup>th</sup> & 16<sup>th</sup> September and Himachal Pradesh on 14<sup>th</sup> September mainly due to impact of lower level monsoonal easterlies to these areas and local topography. It caused flash floods and landslides over Chamoli and Dehradun (Uttarakhand), and Mandi (Himachal Pradesh).
- ❖ **Heavy to Extremely rainfall spell over Bihar, Sub-Himalayan West Bengal & Sikkim and Assam & Meghalaya during 11-17 September: Extremely heavy rainfall** was recorded at isolated places over Sub-Himalayan West Bengal & Sikkim on 12<sup>th</sup>, 14<sup>th</sup> & 15<sup>th</sup> September, Bihar on 14<sup>th</sup> & 17<sup>th</sup> September, Assam & Meghalaya on 16<sup>th</sup> September. It was mainly due to a cyclonic circulation over Bihar and another cyclonic circulation over North Bangladesh and southerly/southeasterly wind convergence over the region from North Bay of Bengal.
- ❖ **Formation of Low Pressure Area and its movement from south Odisha-Andhra Pradesh coasts to central India during 12-14 September which caused heavy to extremely heavy rainfall spell across the region:** Under the influence of an upper air cyclonic circulation over westcentral & adjoining Bay of Bengal off north Andhra and south Odisha coast, a **Low Pressure Area** formed over the same region

at 0830 hrs IST of 12<sup>th</sup> September. It lay over westcentral & adjoining northwest Bay of Bengal, north Andhra Pradesh-south Odisha coasts on 13<sup>th</sup> September; lay over north Telangana & adjoining Vidarbha on 14<sup>th</sup> September and became less marked at 0530 hrs IST of 15<sup>th</sup> September. **It caused heavy to very heavy rainfall with isolated extremely heavy rainfall** over Telangana during 11<sup>th</sup> – 15<sup>th</sup> September, heavy to very heavy rainfall at isolated places over Odisha on 12<sup>th</sup> & 13<sup>th</sup> September, Coastal Andhra Pradesh on 11<sup>th</sup> & 13<sup>th</sup> September, Rayalaseema on 11<sup>th</sup> & 12<sup>th</sup> September, Marathawada during 12<sup>th</sup> – 16<sup>th</sup> September, East Madhya Pradesh during 13<sup>th</sup> – 15<sup>th</sup> September, Madhya Maharashtra on 14<sup>th</sup> & 15<sup>th</sup> September.

- ❖ **Very heavy rainfall** was recorded at isolated places over Bihar on 11<sup>th</sup>, 15<sup>th</sup> & 16<sup>th</sup> September, Madhya Maharashtra, North Interior Karnataka on 11<sup>th</sup> September, Marathawada on 11<sup>th</sup>, 13<sup>th</sup>, 14<sup>th</sup> & 16<sup>th</sup> September, Tamil Nadu, Puducherry & Karaikal on 11<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> September, Uttarakhand on 12<sup>th</sup> & 17<sup>th</sup> September, Assam & Meghalaya during 13<sup>th</sup> – 15<sup>th</sup> & 17<sup>th</sup> September, Sub-Himalayan West Bengal & Sikkim on 13<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> September, Telangana on 14<sup>th</sup> & 15<sup>th</sup> September, Konkan & Goa, Nagaland, Manipur, Mizoram & Tripura on 14<sup>th</sup> September, Gangetic West Bengal, Jharkhand, Uttarakhand on 15<sup>th</sup> September, East Uttar Pradesh on 15<sup>th</sup> & 16<sup>th</sup> September, Coastal Andhra Pradesh & Yanam on 15<sup>th</sup> September, Himachal Pradesh, Odisha, Rayalaseema on 16<sup>th</sup> September, West Madhya Pradesh, Arunachal Pradesh on 17<sup>th</sup> September.
- ❖ **Heavy rainfall** was recorded at isolated places over East Uttar Pradesh on 11<sup>th</sup>, 12<sup>th</sup> & 17<sup>th</sup> September, Assam & Meghalaya on 11<sup>th</sup> & 12<sup>th</sup> September, Nagaland, Manipur, Mizoram & Tripura during 11<sup>th</sup> – 13<sup>th</sup>, 15<sup>th</sup> & 16<sup>th</sup> September, Chhattisgarh on 11<sup>th</sup>, 12<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> September, Sub-Himalayan West Bengal & Sikkim, South Interior Karnataka on 11<sup>th</sup> September, Telangana on 11<sup>th</sup>, 13<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> September, Coastal Andhra Pradesh & Yanam on 11<sup>th</sup>, 13<sup>th</sup>, 14<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> September, Rayalaseema on 11<sup>th</sup>, 12<sup>th</sup> & 17<sup>th</sup> September, Himachal Pradesh on 12<sup>th</sup> & 13<sup>th</sup> September, East Madhya Pradesh during 12<sup>th</sup> – 17<sup>th</sup> September, Jharkhand, Vidarbha on 12<sup>th</sup>, 13<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> September, Odisha on 12<sup>th</sup>, 13<sup>th</sup>, 15<sup>th</sup> & 17<sup>th</sup> September, Marathawada on 12<sup>th</sup>, 15<sup>th</sup> & 17<sup>th</sup> September, Tamil Nadu, Puducherry & Karaikal during 12<sup>th</sup> – 14<sup>th</sup> September, West Uttar Pradesh on 13<sup>th</sup> & 17<sup>th</sup> September, Bihar on 13<sup>th</sup> September, Arunachal Pradesh on 13<sup>th</sup>, 15<sup>th</sup> & 16<sup>th</sup> September, North Interior Karnataka on 13<sup>th</sup>, 15<sup>th</sup> & 17<sup>th</sup> September, Gangetic West Bengal on 14<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> September, Gujarat Region, Uttarakhand on 14<sup>th</sup> September, Madhya Maharashtra during 14<sup>th</sup> – 17<sup>th</sup> September, Punjab on 15<sup>th</sup> September, Andaman & Nicobar Islands, West Madhya Pradesh on 16<sup>th</sup> September, Konkan & Goa on 16<sup>th</sup> & 17<sup>th</sup> September.
- ❖ **Weekly Average Maximum temperature** was below normal by 1-3°C over parts of south peninsular and eastern India, above normal by 1-3°C over parts of north India, and nearly normal over rest parts of the country during the week. **Weekly**

**Average Minimum temperature** was above normal by 1-3°C over parts of north India and nearly normal over the entire country during the week.

- ❖ **Temperature Scenario:** The lowest minimum temperature of **14.5°C** had been recorded at **Halflong (ASSAM)** on **17<sup>th</sup> September, 2025** and the highest maximum temperature of **39.5°C** had been recorded at **Madurai (Tamilnadu)** on **15<sup>th</sup> September, 2025** over the plains of the country during the week.

- ❖ **Analysis of weekly overall rainfall distribution during the week-ending on 17<sup>th</sup> September and the Monsoon Season's Rainfall Scenario (01.06.2025 to 17.09.2025):** The country as a whole, the weekly cumulative All India Rainfall (ending on 17<sup>th</sup> September) in % departure from its long period average (LPA) is +07%. All India Seasonal cumulative rainfall % departure during this year's Monsoon Season Rainfall (01<sup>st</sup> June to 17<sup>th</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 II & III, respectively.

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

Region	Week			Season		
	11.09.2025 TO 17.09.2025			01.06.2025 TO 17.09.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
<b>EAST &amp; NORTHEAST INDIA</b>	<b>88.3</b>	<b>70.8</b>	<b>+25%</b>	<b>1030.2</b>	<b>1253.2</b>	<b>-18%</b>
<b>NORTHWEST INDIA</b>	<b>15.2</b>	<b>24.3</b>	<b>-37%</b>	<b>735.0</b>	<b>558.5</b>	<b>+32%</b>
<b>CENTRAL INDIA</b>	<b>44.9</b>	<b>42.0</b>	<b>+7%</b>	<b>1019.8</b>	<b>917.8</b>	<b>+11%</b>
<b>SOUTH PENINSULA</b>	<b>46.2</b>	<b>37.3</b>	<b>+24%</b>	<b>690.1</b>	<b>643.2</b>	<b>+7%</b>
<b>THE COUNTRY AS A WHOLE</b>	<b>43.0</b>	<b>40.2</b>	<b>+7%</b>	<b>869.1</b>	<b>806.8</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 8 with an amplitude of less than 1. It is likely to enter phase 7 at the start of week 1 and then subsequently move to phase 6 during the second half of week 1, with amplitude remaining less than 1. During week 2, it is likely to move rapidly across phase 6, phase 7, and enter phase 8 by the second half of week 2 with an amplitude remaining less than 1. It is likely to remain in phase 8 for the remaining period of week 2.

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

#### **Weather systems & associated Precipitation during Week 1 (18 to 24 September 2025) and Week 2 (25 September to 01<sup>st</sup> October 2025)**

#### **Weather systems & associated Precipitation during Week 1 (18 to 24 September 2025)**

##### **Weather systems and withdrawal of Southwest Monsoon:**

- ❖ An upper air cyclonic circulation lies over east Bihar and another over northeast Assam in lower tropospheric levels.
- ❖ An upper air cyclonic circulation lies over Marathwada in lower tropospheric levels and a trough runs from central parts of South Uttar Pradesh to upper air cyclonic circulation over Marathwada in lower tropospheric levels.
- ❖ A trough runs south Maharashtra coast to Westcentral & southwest Bay of Bengal in lower tropospheric levels.
- ❖ An upper air cyclonic circulation lies over South Interior Karnataka in middle tropospheric levels.
- ❖ Conditions are likely to become favourable for further withdrawal of Southwest Monsoon from some more parts of northwest India and some parts of central India during 2<sup>nd</sup> half of the week.

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

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

- ❖ Light to moderate rain/thunderstorm at most/many places with isolated heavy rainfall likely over East Madhya Pradesh on 18<sup>th</sup>; West Madhya Pradesh on 18<sup>th</sup> & 19<sup>th</sup>; Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Bihar during 18<sup>th</sup>-20<sup>th</sup> September with isolated very heavy falls over Andaman & Nicobar Islands on 18<sup>th</sup> & 19<sup>th</sup> and Sub-Himalayan West Bengal & Sikkim on 18<sup>th</sup> September.
- ❖ Thunderstorm & gusty winds (speed reaching 30-40 Kmph) very likely over East India during next 5-6 days.

##### **Northeast India:**

- ❖ Light/moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Arunachal Pradesh during 18<sup>th</sup>- 20<sup>th</sup>; Assam & Meghalaya during 18<sup>th</sup>- 24<sup>th</sup> and Nagaland, Manipur, Mizoram & Tripura during 19<sup>th</sup>- 24<sup>th</sup> September with isolated very heavy falls over Assam & Meghalaya on 22<sup>nd</sup> September.

#### **Northwest India:**

- ❖ Light to moderate rain/thunderstorm at some/isolated places with isolated heavy rainfall likely over Himachal Pradesh, Uttar Pradesh on 18<sup>th</sup>; Uttarakhand on 18<sup>th</sup> & 19<sup>th</sup> September with isolated very heavy falls over Uttarakhand on 18<sup>th</sup> September.

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

- ❖ Light to moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Kerala & Mahe, Rayalaseema, Telangana, and Karnataka on 18<sup>th</sup> and Tamil Nadu on 18<sup>th</sup>, 19<sup>th</sup> & 21<sup>st</sup> September.
- ❖ Strong surface winds (speed reaching 30-40 Kmph) very likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during most days of the week.

#### **West India:**

- ❖ Light to moderate rain/thunderstorm at many/some places likely over the region during the week with isolated heavy rainfall likely over Konkan, Madhya Maharashtra on 18<sup>th</sup> and Goa on 18<sup>th</sup> & 19<sup>th</sup> September.

#### **Precipitation for week 2 (25 September to 01<sup>st</sup> October 2025):**

- ❖ A low pressure area likely to form over northeast Bay of Bengal during 1st half of the week.
- ❖ Fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely over most parts of central & north Peninsular India (especially Odisha, Chhattisgarh, Madhya Pradesh, East Rajasthan, Gujarat and Maharashtra) mainly during 1st half of the week.
- ❖ Overall, rainfall activity is likely to be above normal over central and peninsular India; normal to above normal over most parts of northwest & east India; below normal over northeast India during the week.

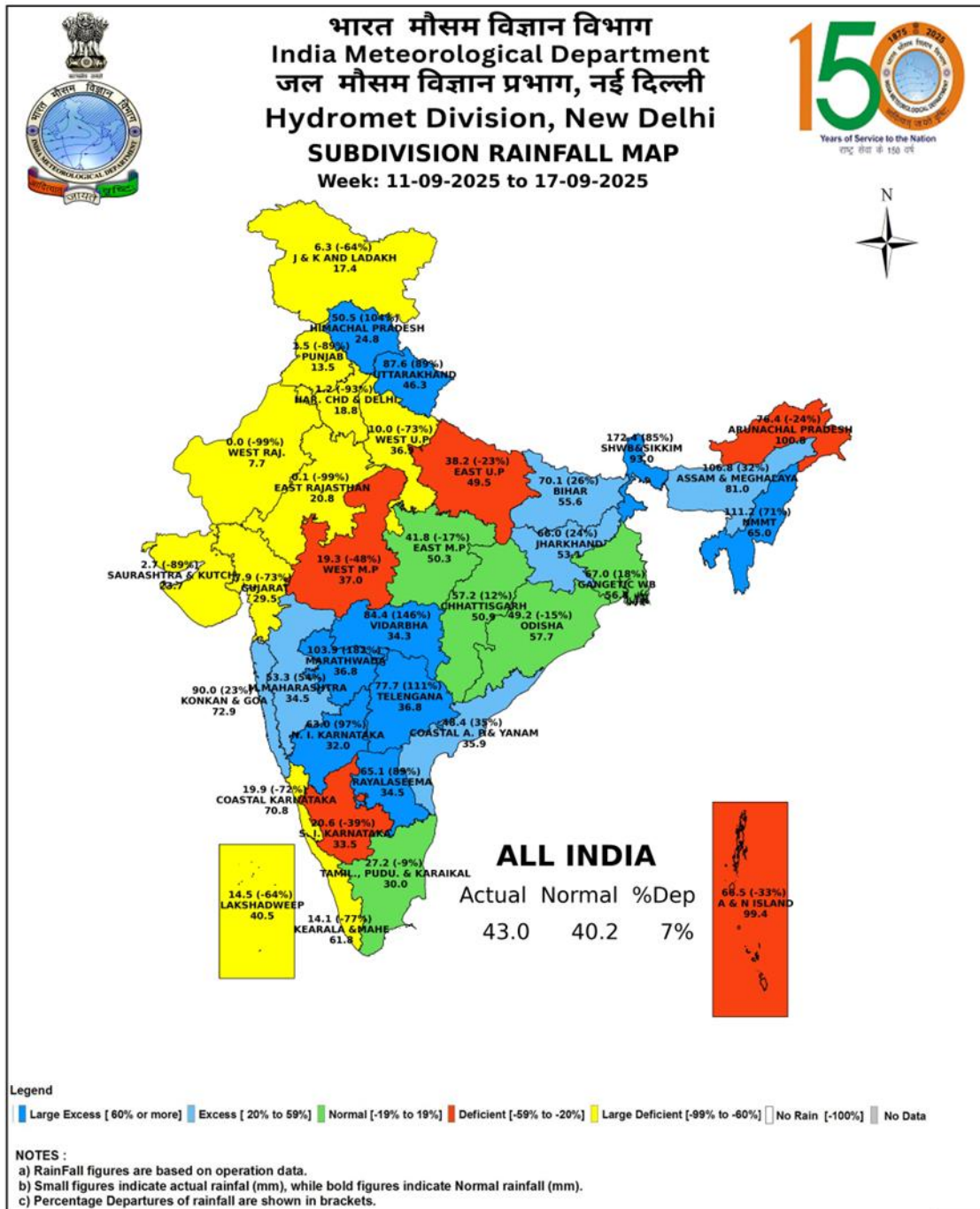
## **Temperature forecast for Week 1 (18 to 24 September 2025) and Week 2 (25 September to 01<sup>st</sup> October 2025)**

### **Temperature forecast for Week 1 (18 to 24 September 2025):**

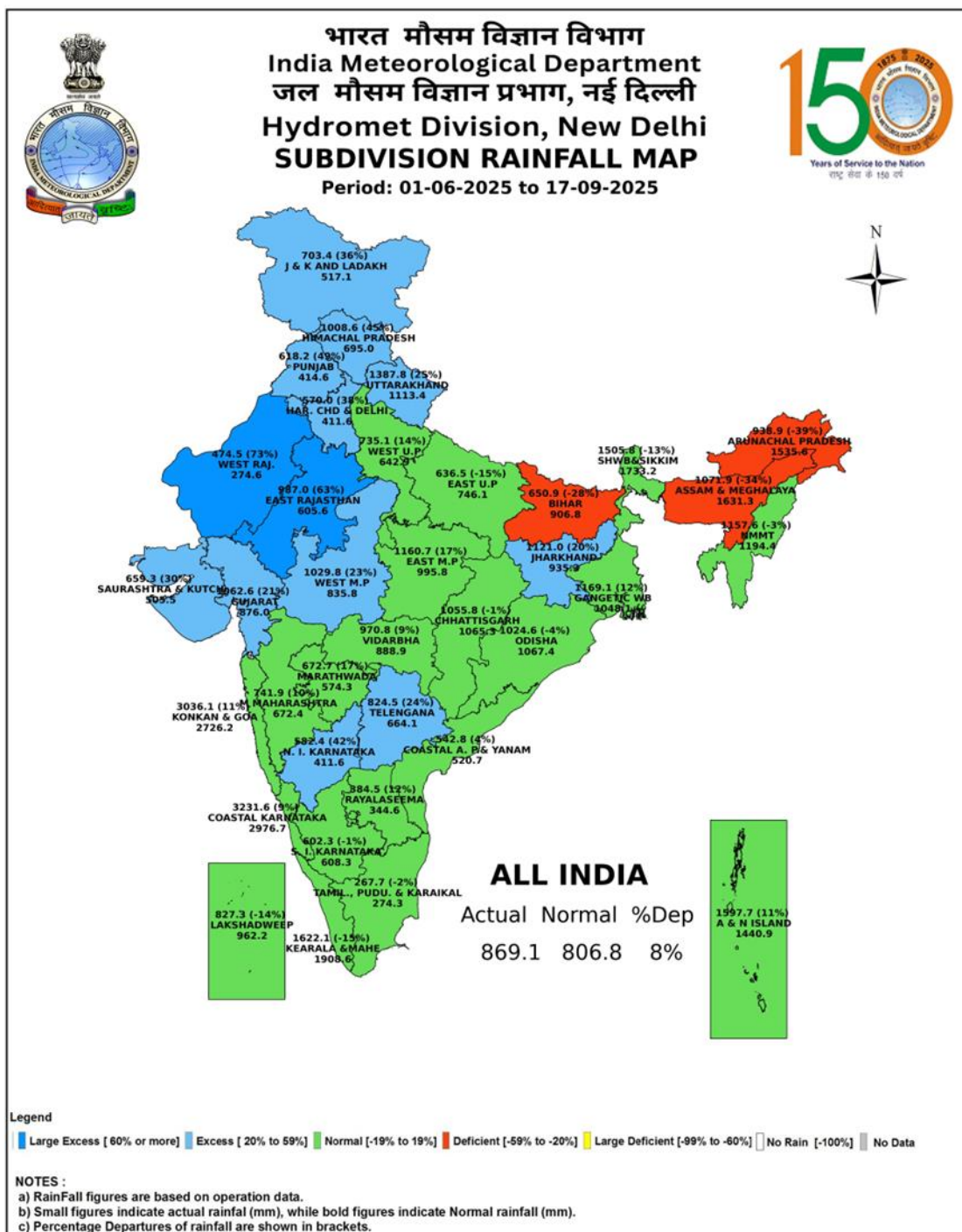
- ❖ Maximum Temperature Departures (as on 17-09-2025): markedly above normal(> 5.1°C) at isolated places over Odisha and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; appreciably above normal(3.1°C to 5.0°C) at isolated places over Chhattisgarh; above normal(1.6°C to 3.0°C) at few places over Punjab and Himachal Pradesh; at isolated places over Assam & Meghalaya, Jharkhand, West Uttar Pradesh, Haryana-Chandigarh-Delhi, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. These are near normal or below normal over rest parts of the country. The highest maximum temperature of 39.5°C is reported at NELLORE (ANDHRA PRADESH).
- ❖ Overall, maximum temperatures are likely to be above normal by 2-4°C over most parts of central & east India, north Peninsular India and over Uttar Pradesh. These are very likely to be near normal or below normal over remaining parts of the country during the week.

### **Temperature forecast for Week 2 (25 September to 01<sup>st</sup> October 2025):**

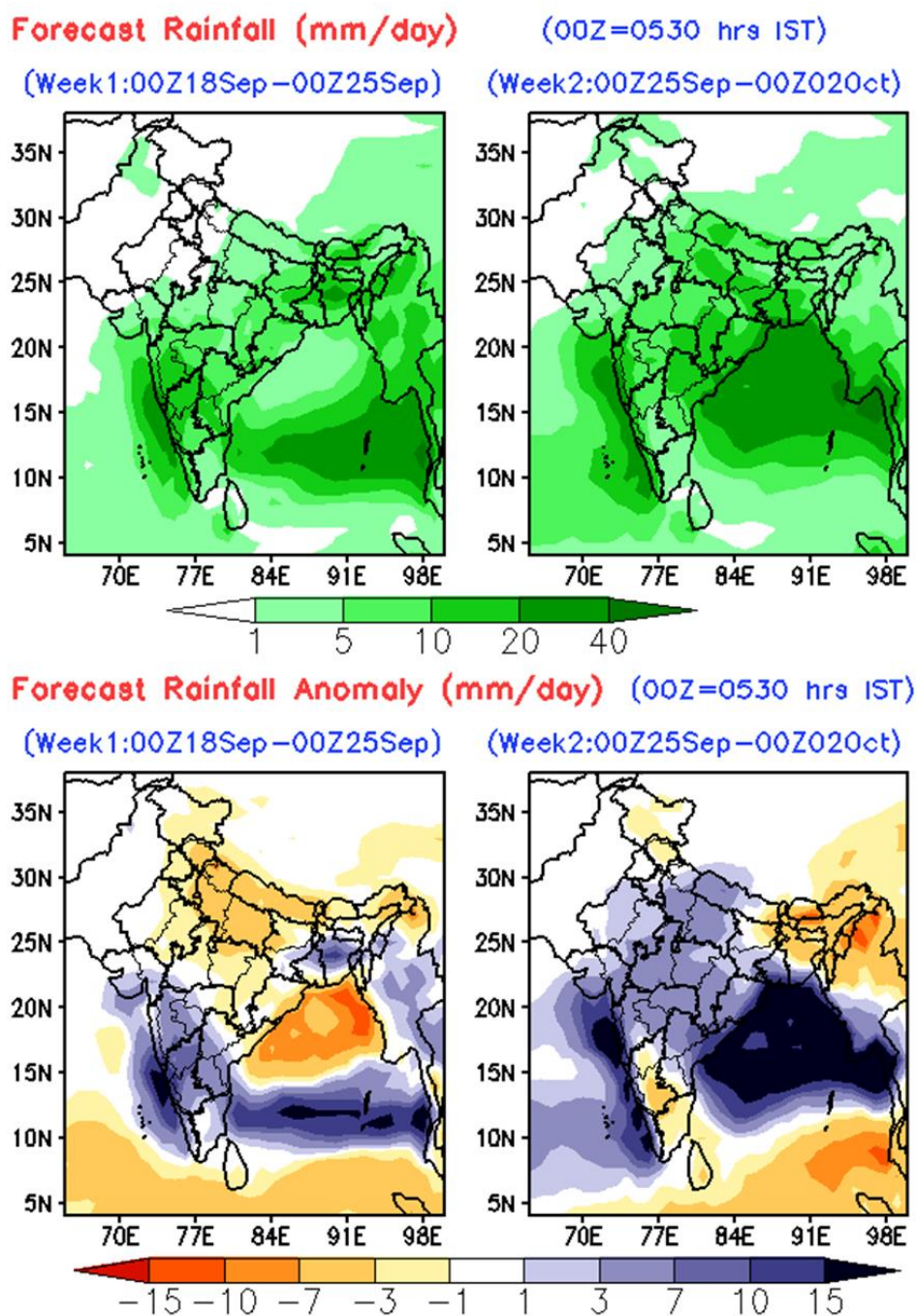
- ❖ Maximum temperatures are likely to be near normal or below normal over most parts of the country except Western Himalayan Region and northeast India, where these are likely to be above normal by 2-4°C during the week.









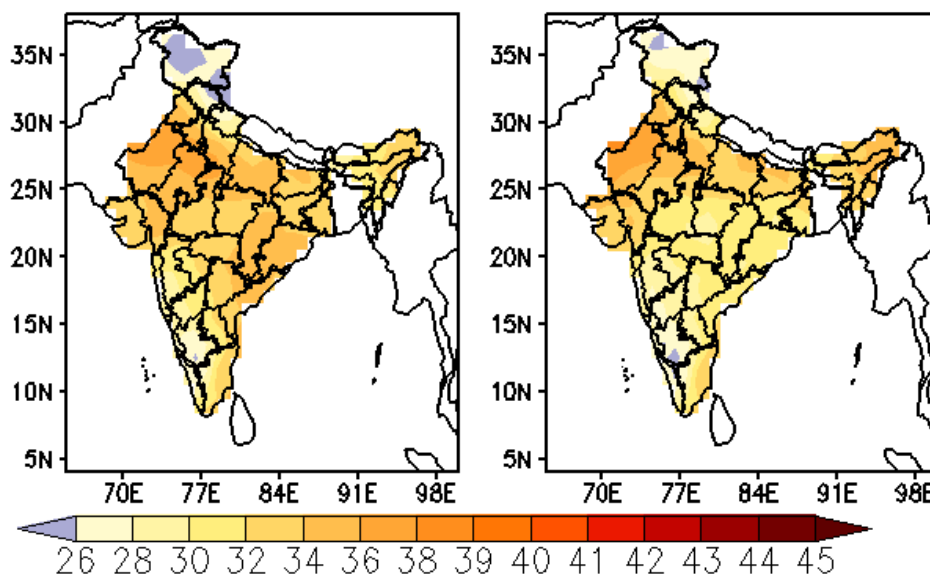


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

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

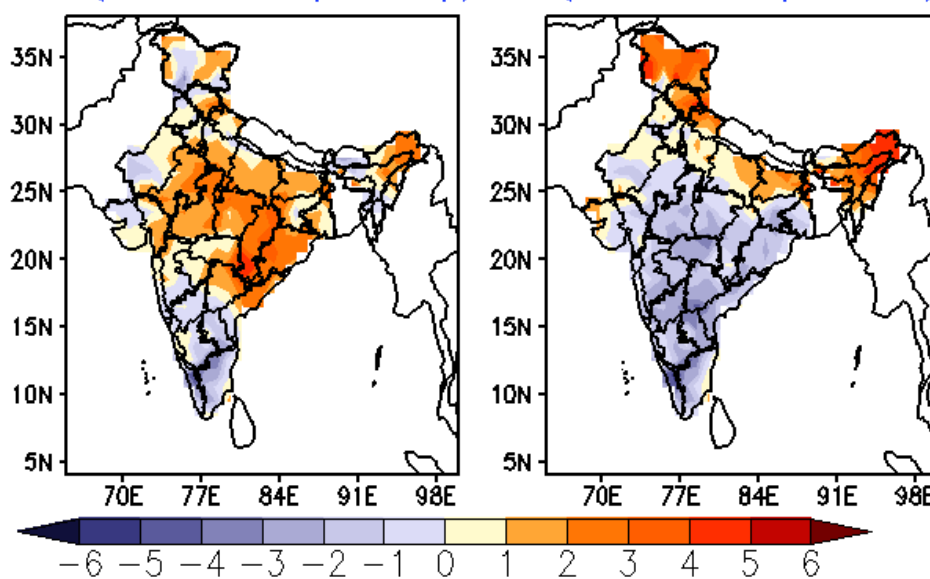
(Week1: 19Sep–25Sep)

(Week2: 26Sep–02Oct)

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

(Week1: 19Sep–25Sep)

(Week2: 26Sep–02Oct)



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