

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

Press Release: Dated: 11th September 2025

Subject: Current Weather Status and Extended range Forecast for the next two weeks (11th to 24th September 2025)

1. Salient Observed Features for the week ending 11th September 2025:

- ❖ **West-northwest movement of Low Pressure Area from Northwest Bay of Bengal to southeast Rajasthan across central India during 4-6 September which then concentrated into a depression over Rajasthan and neighbourhood, caused heavy to very heavy rainfall with isolated extremely for 1-2 days during the period across the region:** Last week's Well-Marked Low Pressure Area over Northwest Bay of Bengal moved west-northwestwards and weakened into a Low Pressure Area over north Chhattisgarh & neighbourhood at morning hours of 4th September and lay as a Well-Marked Low Pressure Area over Northwest Madhya Pradesh & adjoining East Rajasthan at 0830 hrs IST of 5th September and concentrated into a Depression at 2330 hrs IST of 6th September over southwest Rajasthan and neighbourhood. It further intensified into a Deep Depression at 1130 hrs IST of 7th September over North Gujarat & adjoining Southwest Rajasthan and weakened into a Depression over Southeast Pakistan & adjoining Rajasthan at 2330 hrs IST of 8th September. It lay centred over northeast Arabian Sea & adjoining south Pakistan near latitude 24.8°N and longitude 65.5°E at 0830 hrs IST of 10th September.
- ❖ **Monsoon Trough** ran south of its normal position during 4th – 8th September.
- ❖ It caused **heavy to very heavy rainfall with isolated exceptionally heavy falls** over Gujarat Region [Suigam (dist Banaskantha) 40 cm, Bhabhar (dist Banaskantha) 35 cm, Wav (dist Banaskantha) 30 cm], Saurashtra & Kutch [Rapar (dist Kutch) 36 cm] on 8th September. **Isolated very heavy to extremely heavy rainfall** was also recorded over Odisha on 4th September, Chhattisgarh on 4th & 5th September, East Madhya Pradesh on 5th September, West Madhya Pradesh during 4th – 6th September, East Rajasthan during 6th – 8th September, West Rajasthan on 7th & 8th September, Gujarat Region during 5th – 8th September, Saurashtra & Kutch on 8th & 9th September.
- ❖ **Very heavy rainfall** was recorded at isolated places over Jammu-Kashmir, West Uttar Pradesh 4th September, Chhattisgarh on 4th & 5th September, West Madhya

Pradesh on 5th & 6th September, East Madhya Pradesh on 5th September, Assam & Meghalaya on 5th & 9th September, Gujarat Region, Himachal Pradesh on 6th September, East Rajasthan, Konkan & Goa on 6th & 7th September, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra on 7th September, West Rajasthan, Odisha on 8th September, Sub-Himalayan West Bengal & Sikkim on 8th & 10th September, Saurashtra & Kutch on 9th September, Bihar on 9th & 10th September.

- ❖ **Heavy rainfall** was recorded at isolated places over Himachal Pradesh, East Rajasthan, Gujarat Region on 4th & 9th September, Uttarakhand on 4th & 10th September, Haryana during 4th – 6th September, Arunachal Pradesh on 4th, 7th, 9th & 10th September, Coastal Andhra Pradesh & Yanam on 4th, 6th & 8th – 10th September, Kerala & Mahe on 4th & 5th September, South Interior Karnataka on 4th September, Sub-Himalayan West Bengal & Sikkim on 5th & 6th September, Nagaland, Manipur, Mizoram & Tripura on 5th, 8th & 9th September, Odisha during 5th – 7th September, Konkan & Goa on 5th & 8th September, Madhya Maharashtra on 5th, 6th & 8th September, West Rajasthan on 6th & 9th September, West Uttar Pradesh on 6th September, Jammu-Kashmir on 7th September, Punjab, Bihar on 7th & 8th September, Assam & Meghalaya on 7th, 8th & 10th September, West Madhya Pradesh on 7th & 10th September, East Madhya Pradesh, Telangana on 7th & 9th September, Saurashtra & Kutch on 7th September, Tamil Nadu, Puducherry & Karaikal during 7th – 10th September, Chhattisgarh during 8th – 10th September, East Uttar Pradesh on 9th September, Jharkhand, Lakshadweep, Rayalaseema on 10th September.
- ❖ **Overall during the week, large excess rainfall observed over West Madhya Pradesh, Rajasthan and Gujarat during the week due to formation of a Depression over southwest Rajasthan and neighbourhood on 6th September and its further intensification as a Deep Depression over North Gujarat & adjoining Southwest Rajasthan on 7th September.**
- ❖ **Weekly Average Maximum temperature** was below normal by 2-4°C over parts of north, west and adjoining central India during first half of the week. It was above normal by 1-3°C over parts of east and northeast India, and 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 **17.0°C** had been recorded at **Khandwa (Madhya Pradesh)** on **04th & 06th September, 2025** and the highest maximum temperature of **40.5°C** had been recorded at **Madurai (Tamilnadu)** on **04th September, 2025** over the plains of the country during the week.

❖ **Analysis of weekly overall rainfall distribution during the week-ending on 10th September and the Monsoon Season's Rainfall Scenario (01.06.2025 to 10.09.2025):** The country as a whole, the weekly cumulative All India Rainfall (ending on 03rd September) in % departure from its long period average (LPA) is +0%. All India Seasonal cumulative rainfall % departure during this year's Monsoon Season Rainfall (01st June to 03rd 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		
	04.09.2025 TO 10.09.2025			01.06.2025 TO 10.09.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	33.2	69.9	-53%	941.6	1182.4	-20%
NORTHWEST INDIA	39.7	34.0	+17%	720.1	534.2	+35%
CENTRAL INDIA	72.2	51.3	+41%	974.9	875.8	+11%
SOUTH PENINSULA	17.7	34.1	-48%	643.8	605.9	+6%
THE COUNTRY AS A WHOLE	45.3	45.5	0%	826.2	766.6	+8%

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 an amplitude of less than 1. It is likely to move rapidly across phases 1 to phase 8, where it will remain for the remaining period of Week 1 and the first half of Week 2, with the amplitude becoming greater than 1. Thereafter, by during the second half of Week 2, it will migrate from phase 8 to 1 with amplitude remaining greater than 1.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (11 to 17 September 2025) and Week 2 (18 to 24 September 2025)

Weather systems & associated Precipitation during Week 1 (11 to 17 September 2025)

- ❖ An upper air cyclonic circulation lies over South Odisha adjoining north Coastal Andhra Pradesh in lower & middle tropospheric levels tilting southwards with height. Under its influence, a low pressure area is likely to form over Westcentral Bay of Bengal adjoining north Andhra Pradesh & south Odisha coasts during next 2 days.
- ❖ The western end of the Monsoon trough at mean sea level runs slightly north of its normal and eastern end runs it's near normal position.
- ❖ An upper air cyclonic circulation lies over Sub-Himalayan West Bengal & Sikkim and another over central Assam in lower tropospheric levels.
- ❖ A trough runs from Sub-Himalayan West Bengal & Sikkim to west central Bay of Bengal in lower tropospheric levels.
- ❖ A western disturbance lay as a cyclonic circulation over Himachal Pradesh & neighbourhood in middle tropospheric levels.
- ❖ **Conditions are likely to become favourable for withdrawal of Southwest Monsoon from some parts of northwest India towards end of the week.**

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

Northeast India:

- ❖ Light/moderate rain/thunderstorm at most/many places with isolated heavy rainfall likely over Arunachal Pradesh, Assam & Meghalaya during 11th-17th and Nagaland, Manipur, Mizoram & Tripura during 11th- 16th September with very heavy falls over Nagaland, Manipur, Mizoram & Tripura during 12th-15th; Arunachal Pradesh on 13th & 14th; Assam & Meghalaya during 13th- 15th September.

East & Central India:

- ❖ Light to moderate rain/thunderstorm at many/some places with isolated heavy rainfall likely over Andaman on 11th; Odisha on 11th & 12th; Chhattisgarh during 11th- 13th; Sub-Himalayan West Bengal & Sikkim during 11th- 17th; Bihar during 11th- 15th; Jharkhand on 11th, 15th & 16th; Vidarbha during 12th- 14th; Nicobar Islands on 13th; East Madhya Pradesh on 14th & 15th; West Madhya Pradesh

during 15th- 17th September with isolated very heavy falls over Bihar on 11th and Sub-Himalayan West Bengal & Sikkim on 13th September.

West India:

- ❖ Light to moderate rain/thunderstorm at some/isolated places with isolated heavy rainfall likely over Madhya Maharashtra during 11th- 17th; Marathawada during 11th- 14th; Konkan & Goa during 13th- 17th; Gujarat Region during 14th- 16th September with very heavy falls over Marathawada on 12th & 13th; Konkan & Goa and Madhya Maharashtra on 13th & 14th September.

Northwest India:

- ❖ Light to moderate rain/thunderstorm at some/isolated places with isolated heavy rainfall likely over East Uttar Pradesh on 11th, 15th & 16th; West Uttar Pradesh on 12th; Himachal Pradesh on 13th & 14th; Uttarakhand during 12th- 16th September.

South Peninsular India:

- ❖ Light to moderate rain/thunderstorm & gusty winds (speed 30-40 Kmph) at many/some places with isolated heavy rainfall likely over Tamil Nadu on 11th & 12th; Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka during 11th- 13th; North Interior Karnataka during 11th- 14th; Telangana during 11th- 15th September.
- ❖ Strong surface winds (speed reaching 30-40 Kmph) very likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during next 7 days.

Overall, enhance rainfall activity over northeast & adjoining east India during next one week with possibility of isolated heavy to very heavy rainfall likely over Bihar on 11th; Sub-Himalayan West Bengal & Sikkim on 13th; Arunachal Pradesh on 13th & 14th; Nagaland & Manipur during 12th- 15th; Assam & Meghalaya during 13th-15th September, 2025. Heavy rainfall spells likely over Peninsular India during most days of the week.

Precipitation for week 2 (18 to 24 September 2025):

- ❖ Fairly widespread to widespread rainfall with isolated heavy falls likely over most parts of northeast & adjoining east India (especially 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 parts of the country & adjoining north Peninsular India

(especially Madhya Pradesh, Gujarat and Maharashtra) during many days of the week.

- ❖ Overall, rainfall activity is likely to be normal to above normal over northwest & central India and many parts of south Peninsular India; near normal over most parts of east & northeast India during the week.

Temperature forecast for Week 1 (11 to 17 September 2025) and Week 2 (18 to 24 September 2025)

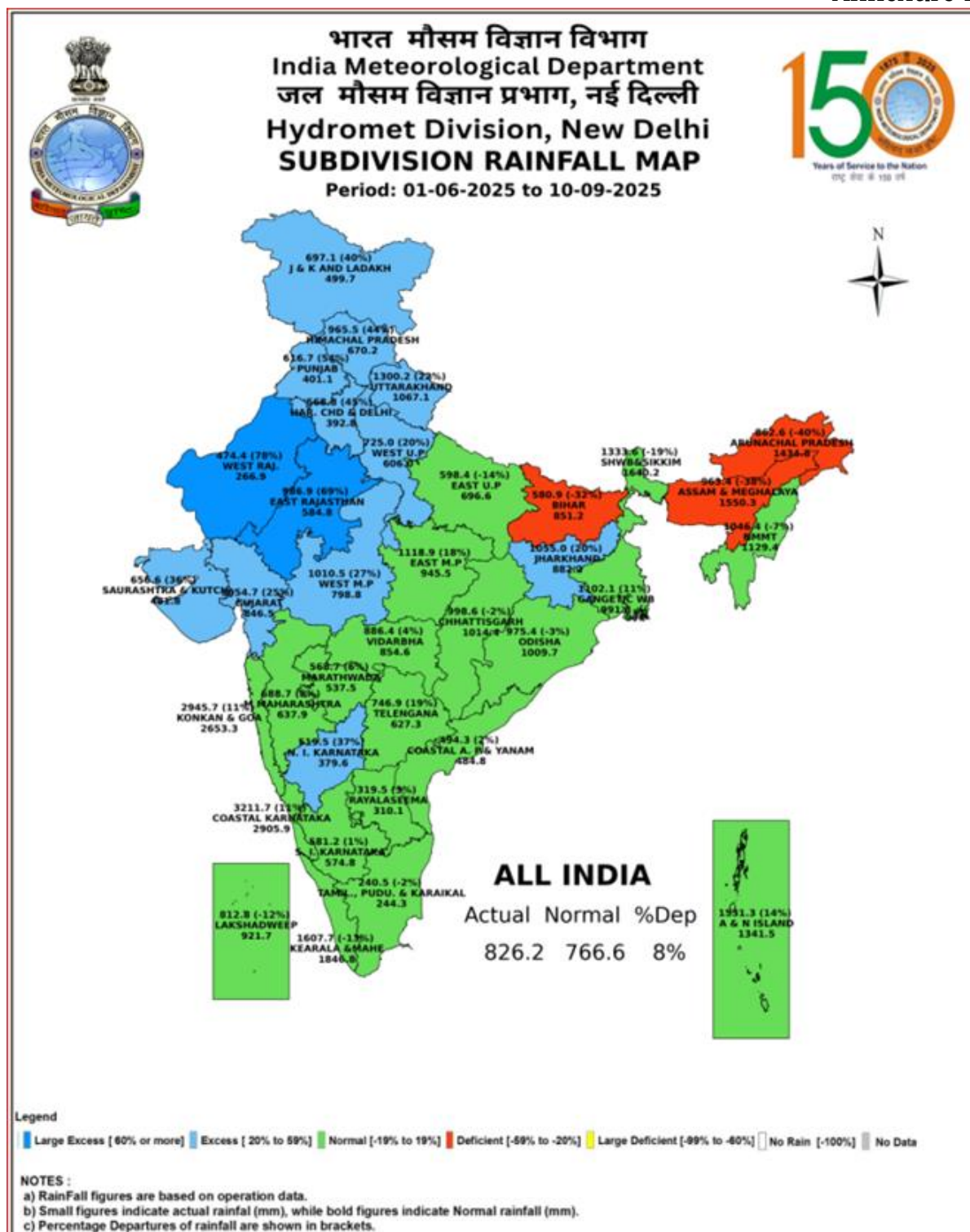
Temperature forecast for Week 1 (11 to 17 September 2025):

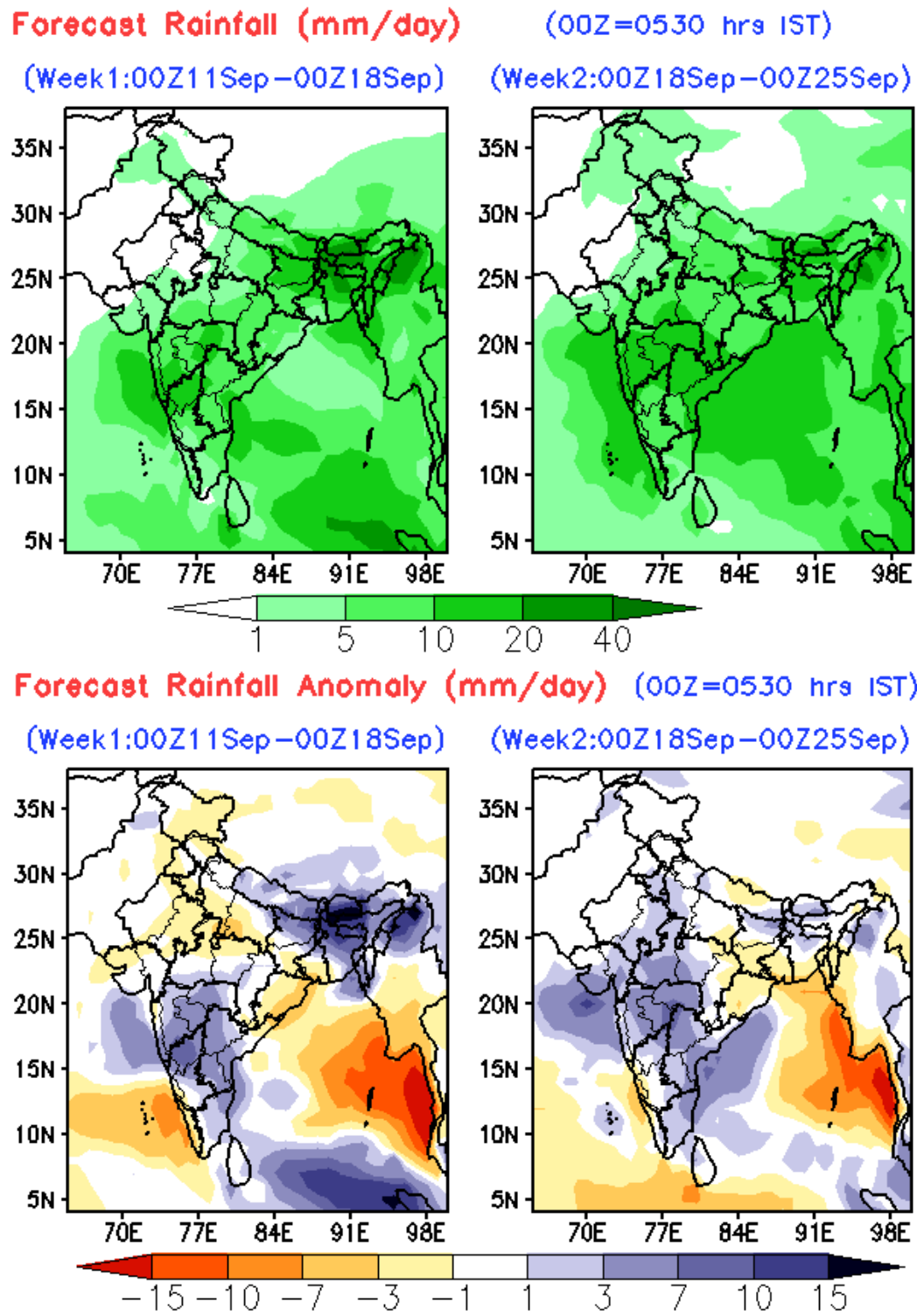
- ❖ Maximum Temperature Departures (as on 10-09-2025): markedly above normal(> 5.1°C) at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya and Odisha; appreciably above normal (3.1°C to 5.0°C) at few places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Uttarakhand, Marathwada and Coastal Andhra Pradesh & Yanam; at isolated places over Gangetic West Bengal, Himachal Pradesh, Madhya Maharashtra, Vidarbha, Rayalaseema and North Interior Karnataka. above normal(1.6°C to 3.0°C) at many places over South Interior Karnataka; at most places over Chhattisgarh; at few places over East Uttar Pradesh, West Uttar Pradesh, East Madhya Pradesh, Konkan & Goa, Telangana, Coastal Karnataka and Kerala & Mahe; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar, West Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal. 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 near normal or below normal over most parts of the country except many parts of central & east India, where these are likely to be slightly above normal by 2-4°C during the week.

Temperature forecast for Week 2 (18 to 24 September 2025):

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





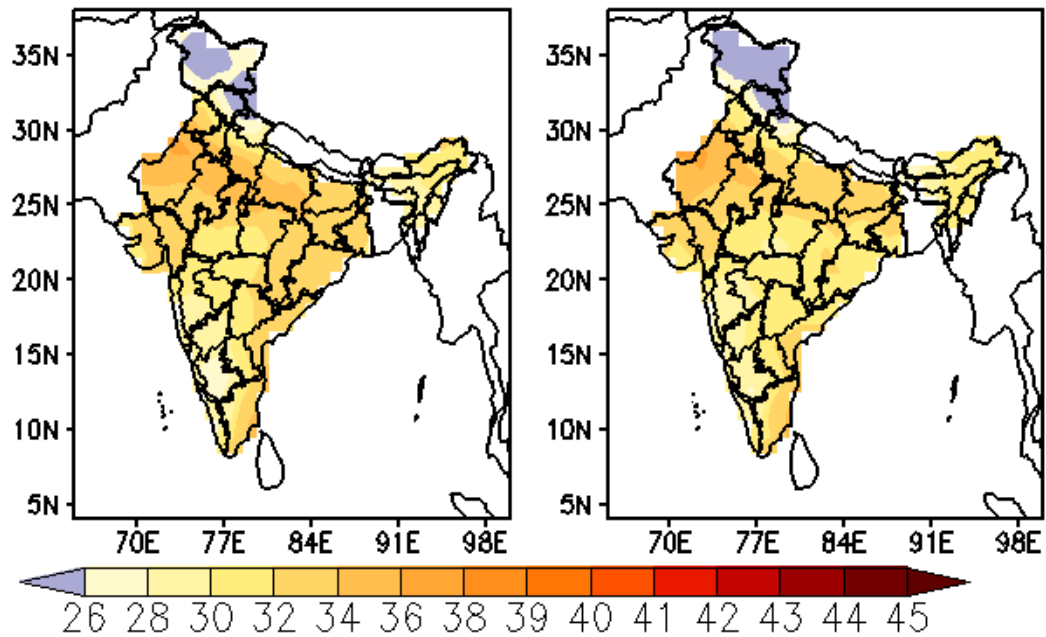


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

MME Bias corrected forecast Tmax (Deg C)

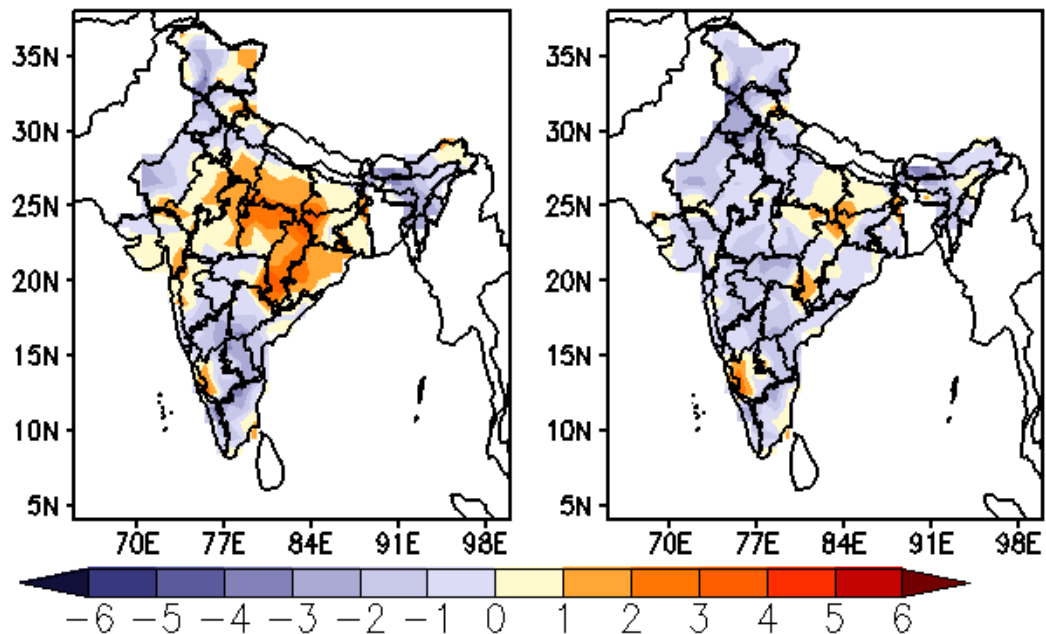
(Week1: 12Sep–18Sep)

(Week2: 19Sep–25Sep)

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

(Week1: 12Sep–18Sep)

(Week2: 19Sep–25Sep)



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