

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

Press Release: Dated: 24th July, 2025

Subject: Current Weather Status and Extended range Forecast for the next two weeks (24th to 06th August 2025)

1. Salient Observed Features for the week ending 23rd July 2025:

- ❖ **Very heavy to Extremely heavy rainfall spell over Madhya Pradesh, Rajasthan and East Uttar Pradesh due to formation of a Land Depression over southeast Uttar Pradesh and neighbourhood and its movement to northwest Rajasthan during 17-21 July:** Last week's Well-Marked Low Pressure Area over southeast Uttar Pradesh & adjoining southwest Bihar moved west-northwestwards and concentrated into a Depression over southeast Uttar Pradesh at 0530 hrs IST of 17th July. It moved west-northwestwards and lay over northwest Madhya Pradesh & adjoining southwest Uttar Pradesh at 0830 hrs IST of 18th July, and over northwest & adjoining areas of northeast Rajasthan at 0830 hrs IST of 19th July. It moved nearly westwards and weakened into a Well-Marked Low Pressure Area and lay over west Rajasthan & adjoining Pakistan at 0530 hrs IST of 20th July. It further weakened into a Low-Pressure Area over the same region at 1730 hrs IST of 20th July and became less marked at 0530 hrs IST of 21st July. It caused heavy to very heavy rainfall with isolated extremely heavy rainfall over east Uttar Pradesh and east Madhya Pradesh on 17th & 18th July, west Madhya Pradesh on 17th July, east Rajasthan and west Rajasthan on 19th July. Isolated extremely heavy rainfall was also recorded over Coastal Karnataka on 17th July, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim on 20th July, Telangana on 23rd July.
- ❖ **Monsoon Trough** was near its normal position during 17th – 19th July; with western end to the south of its normal position and eastern end north of its normal position during 20th – 23rd July.
- ❖ **Heavy to very heavy rainfall** was recorded at isolated places over Uttarakhand on 17th, 21st & 23rd July, East Rajasthan, and Bihar on 17th & 20th July, Jharkhand on 17th & 21st July, Chhattisgarh, and Marathwada on 17th & 22nd July, Coastal Andhra Pradesh & Yanam on 17th & 18th July, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal on 17th July, Coastal Karnataka on 18th, 19th & 23rd July, Sub-Himalayan West Bengal & Sikkim on 18th & 19th July, Odisha on 18th & 21st July, West Madhya Pradesh on

18th, 19th & 23rd July, East Rajasthan on 18th & 23rd July, West Uttar Pradesh, Telangana on 18th July, Konkan & Goa on 19th & 23rd July, Gujarat Region on 19th & 22nd July, West Rajasthan on 20th July, Jammu-Kashmir, Himachal Pradesh, Gangetic West Bengal, Tripura on 21st July, Saurashtra & Kutch on 22nd July, Madhya Maharashtra on 23rd July.

- ❖ **Weekly Average Maximum temperature** was above normal by 2-4°C over parts of east and northeast India, central India, below normal by 2-4°C over parts of north, west, and northwest India, and nearly normal over remaining parts of the country during the week. Weekly Average Minimum temperature was above normal by 1-3°C over parts of east and northeast India, and nearly normal over remaining parts of the country during the week.
- ❖ **Temperature Scenario:** The lowest minimum temperature of **18.0°C** had been recorded at **Shimoga (Karnataka)** on **22nd July, 2025** and the highest maximum temperature of **40.0°C** had been recorded at **Madurai (Tamil Nadu)** on **22nd July, 2025** over the plains of the country during the week.
- ❖ **Analysis of weekly overall rainfall distribution during the week-ending on 23rd July and Monsoon Season's Rainfall Scenario (1st June– 23rd July 2025):** The country as a whole, the weekly cumulative All India Rainfall (for 10th July to 16th July 2025) is -11% departure from its long period average (LPA). All India Seasonal cumulative rainfall departure during this year's monsoon Season Rainfall (01st June to 16th July 2025) is +9%. 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		
	17.07.2025 TO 23.07.2025			01.06.2025 TO 23.07.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	54	97.1	-44%	490.3	651.4	-25%
NORTHWEST INDIA	53.8	51.0	+6%	287.1	227.6	+26%
CENTRAL INDIA	53.6	77.2	-31%	483.2	404.0	+20%
SOUTH PENINSULA	71.8	48.9	+47%	305.2	311.2	-2%
THE COUNTRY AS A WHOLE	57.3	66.7	-14%	389.1	370.9	+5%

2. Large scale features:

❖ Currently, Neutral El Niño–Southern Oscillation (ENSO) conditions prevail over the Equatorial Pacific Ocean. Forecasts from the latest Monsoon Mission Climate Forecast System (MMCFS) and other climate models suggest that these neutral conditions likely to persist till the end of the monsoon season.

❖ At present, neutral Indian Ocean Dipole (IOD) conditions are observed over the Indian Ocean. The latest MMCFS forecast indicates that weak negative IOD conditions are likely to develop during the monsoon season.

❖ Madden Julian Oscillation (MJO) is currently in phase 5 with an amplitude greater than 1. Most of the model forecasts have a consensus and suggest that the MJO is likely to continue in phase 5 during the first half of week 1, with the amplitude remaining greater than 1. Thereafter, it is likely to propagate eastwards across phases 6 and 7 during remaining part of the forecast period. Hence, MJO is likely to support enhancement of convective activity over the North Bay of Bengal (BoB) and land areas of eastern parts of India during first half of week 1. Thereafter, it is not likely to support the enhancement of convective activity over the North Indian Ocean (NIO) including the BoB and the Arabian Sea (AS) from second half of week 1.

Forecast for next two week

Weather systems & associated Precipitation during Week 1 (24 to 30 July, 2025) and Week 2 (31 July to 06 August, 2025)

Weather systems & associated Precipitation during Week 1 (24 to 30 July, 2025):

- ❖ The monsoon trough at mean sea level runs near its normal position.
- ❖ The Remnant of Tropical Cyclone “WIPHA” emerged over north Bay of Bengal and under its influence, a Low Pressure area formed over the same region at 0530 hrs IST of today and it persisted over the same region at 0830 hrs IST of today, & moved slowly west-northwestwards and become a Well-Marked Low Pressure Area over the same region at 1730 hrs IST of today, 24th July 2025. **It is likely to continue to move west-northwestwards and intensify into a Depression over coastal areas of West Bengal and Bangladesh during next 24 hours.** It is likely to move west-northwestwards across Gangetic West Bengal, North Odisha, and Jharkhand & adjoining north Chhattisgarh during subsequent 2 days.
- ❖ A **trough** runs from Vidarbha to the cyclonic circulation associated with **low Pressure** area over north Bay of Bengal across south Chhattisgarh in middle tropospheric levels.
- ❖ A **Western Disturbance** as a cyclonic circulation over Jammu & Kashmir and adjoining Himachal Pradesh in lower & middle tropospheric levels persists.

- ❖ An off-shore **trough** at sea level runs along Maharashtra-Kerala coasts.
- ❖ Under the influence of these systems, the following weather is likely:

East & Central India:

- ✓ **Extremely heavy rainfall** is very likely at isolated places over Odisha on 24th & 25th; Chhattisgarh on 25th & 26th; Madhya Pradesh on 26th & 27th; Vidarbha and Gangetic West Bengal on 25th July.
- ✓ Isolated **heavy to very heavy rainfall** very likely to continue over Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha, Gangetic West Bengal, Jharkhand during 24th-28th; isolated **heavy rainfall** over Bihar, Sub-Himalayan West Bengal & Sikkim during 24th-27th July.
- ✓ Light to moderate rainfall at most places accompanied with thunderstorm, lightning & gusty winds (speed reaching 30-40 Kmph) likely over the region during next 7 days with **moderate lightning over Bihar on 24th & 25th July**.

South Peninsular India:

- ✓ **Extremely heavy rainfall** very likely at isolated places over Coastal Karnataka on 24th July.
- ✓ Isolated **heavy to very heavy rainfall** likely over Kerala & Mahe, Coastal & South Interior Karnataka during 24th-29th; isolated **heavy rainfall** over Tamil Nadu, Telangana, Coastal Andhra Pradesh & Yanam, North Interior Karnataka during 24th-27th July with isolated **very heavy rainfall** over Telangana and Coastal Andhra Pradesh & Yanam on 24th & 25th July.
- ✓ **Strong surface winds** (speed reaching 40-50 Kmph) very likely over South Peninsular India during next 5 days.
- ✓ Light to moderate rainfall at most/many places over Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema, Coastal Andhra Pradesh & Yanam and Telangana during next one week.

West India:

- ✓ **Extremely heavy rainfall** very likely at isolated places over Konkan and Ghat areas of Madhya Maharashtra on 25th July.
- ✓ **Heavy to very heavy rainfall** likely at isolated to some places over Konkan & Goa, Ghat areas of Madhya Maharashtra during 24th-30th July and **heavy rainfall** over Marathawada on 25th & 26th; Gujarat region during 25th-29th; Saurashtra & Kutch during 26th-29th July with isolated **very heavy rainfall** over Gujarat Region on 27th & 28th July.
- ✓ Light to moderate rainfall at many places very likely over the region during next one week.

Northwest India:

- ✓ Isolated **very heavy rainfall over East Rajasthan on 27th & 28th and West Uttar Pradesh on 28th July.**
- ✓ Isolated **heavy rainfall** likely over Jammu and Kashmir on 29th & 30th; Himachal Pradesh, East Rajasthan during 26th-30th; Uttarakhand during 24th-30th; Punjab, Haryana on 27th & 28th; West Uttar Pradesh during 25th-30th; East Uttar Pradesh during 24th-30th July.
- ✓ Light/moderate rainfall at many places accompanied with thunderstorm, lightning likely over Western Himalayan region and some places over the plains during next one week .

Northeast India:

- ✓ Light/moderate rainfall at many places accompanied with **thunderstorm, lightning and isolated heavy rainfall** likely to continue over Northeast India during next one week with **very heavy rainfall** over Arunachal Pradesh and Mizoram & Tripura on 26th July.

Precipitation for week 2 (31 July to 06 August, 2025):

- ❖ The Western end of monsoon trough is likely to run north of its normal position and its eastern end runs south of its normal position during many days of the week.
- ❖ Due to likely cyclonic circulation over east India in lower tropospheric levels, fairly widespread to widespread rainfall with isolated heavy to very heavy falls likely over many parts of east India (especially Bihar, Jharkhand and West Bengal) and over northeast India during many days of the week.
- ❖ Overall, near normal to above normal rainfall activity is likely over most parts of east & northeast and near normal over many parts of northwest India; below normal over remaining parts of the country during the week.

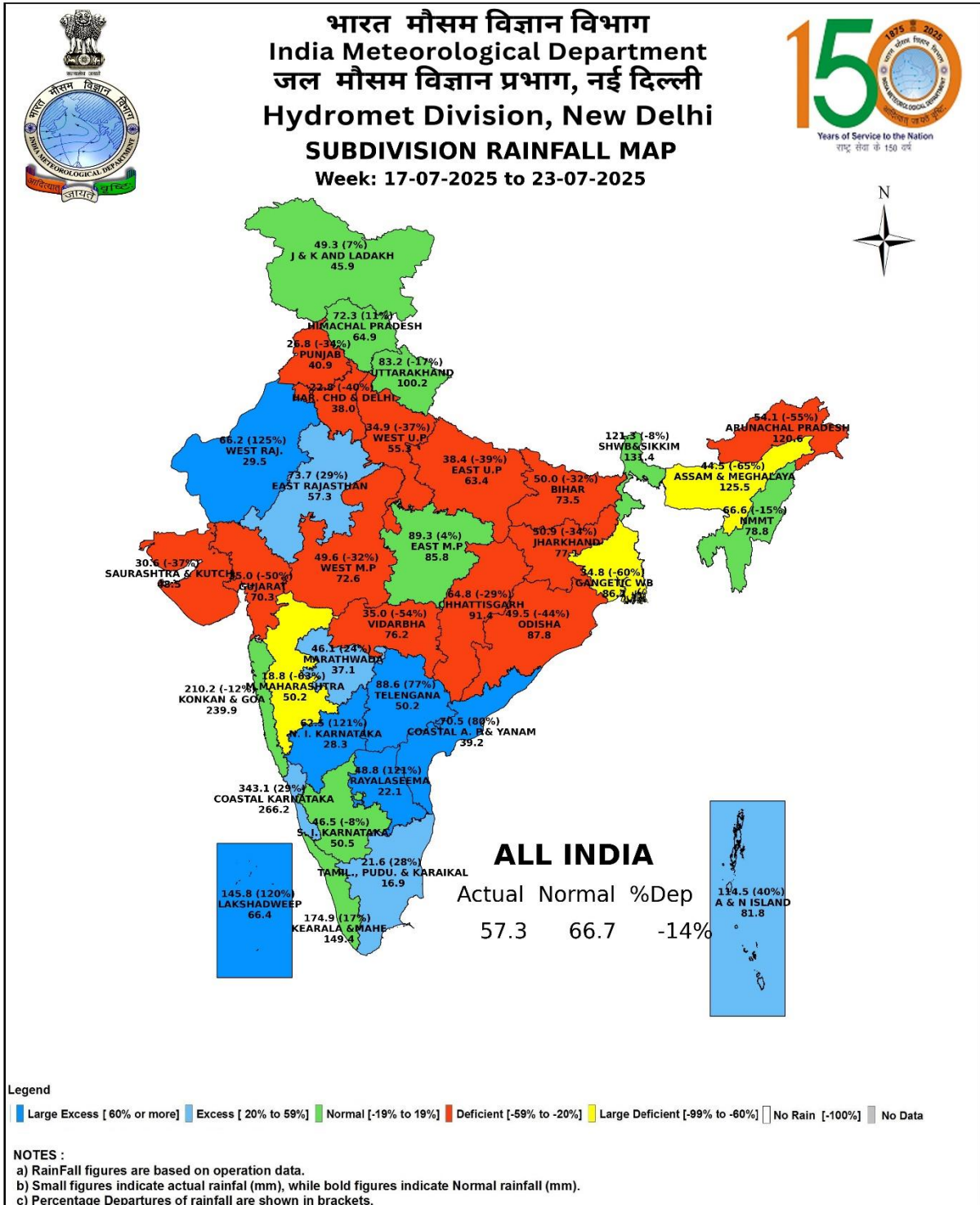
Temperature forecast for Week 1 (24 to 30 July, 2025) and Week 2 (31 July to 06 August, 2025)

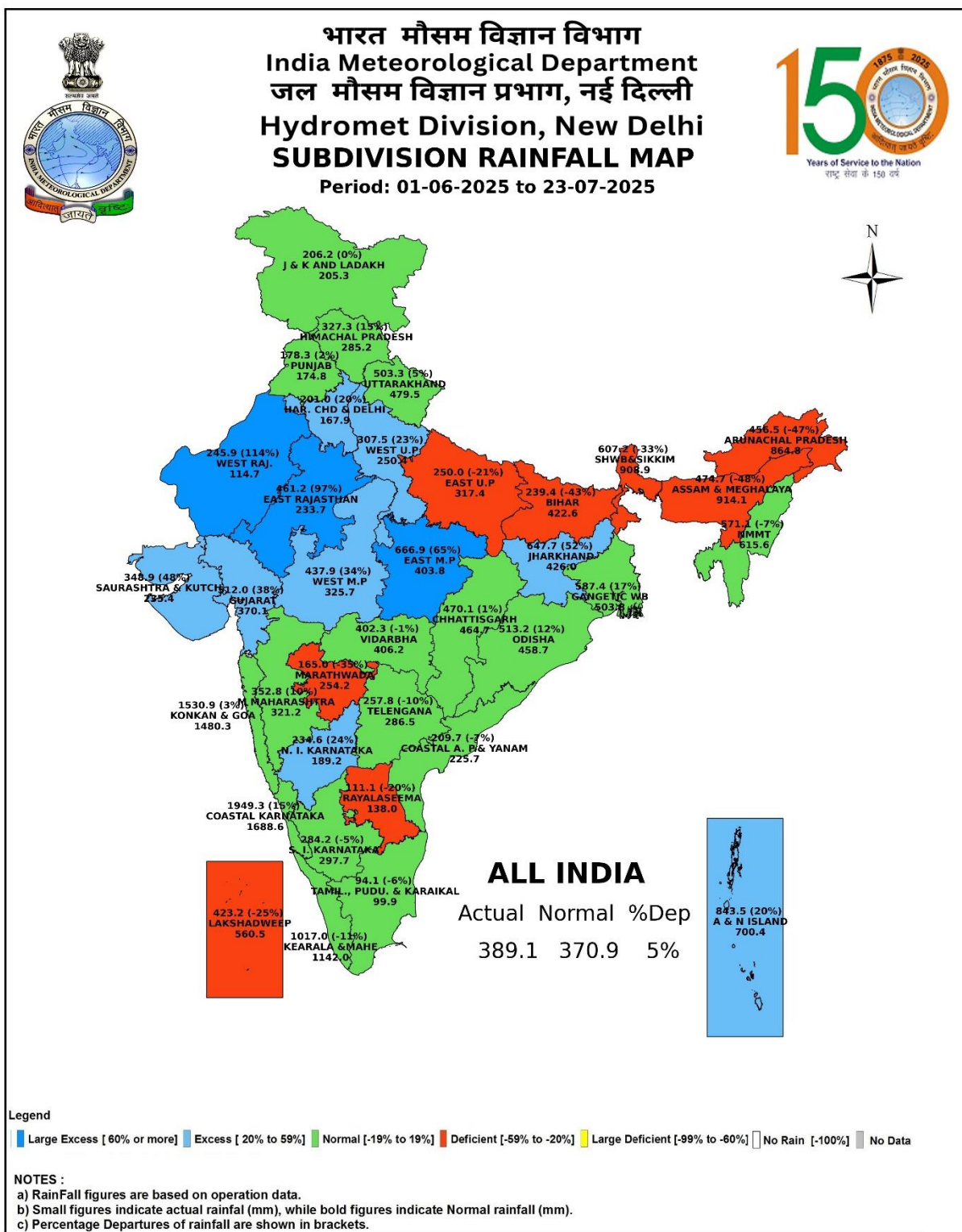
Temperature forecast for Week 1 (24 to 30 July, 2025):

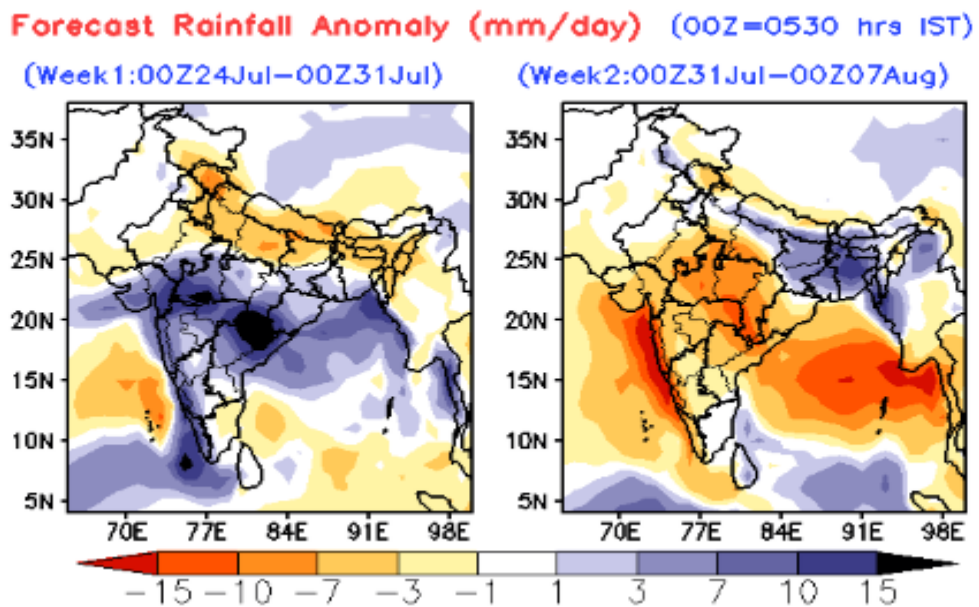
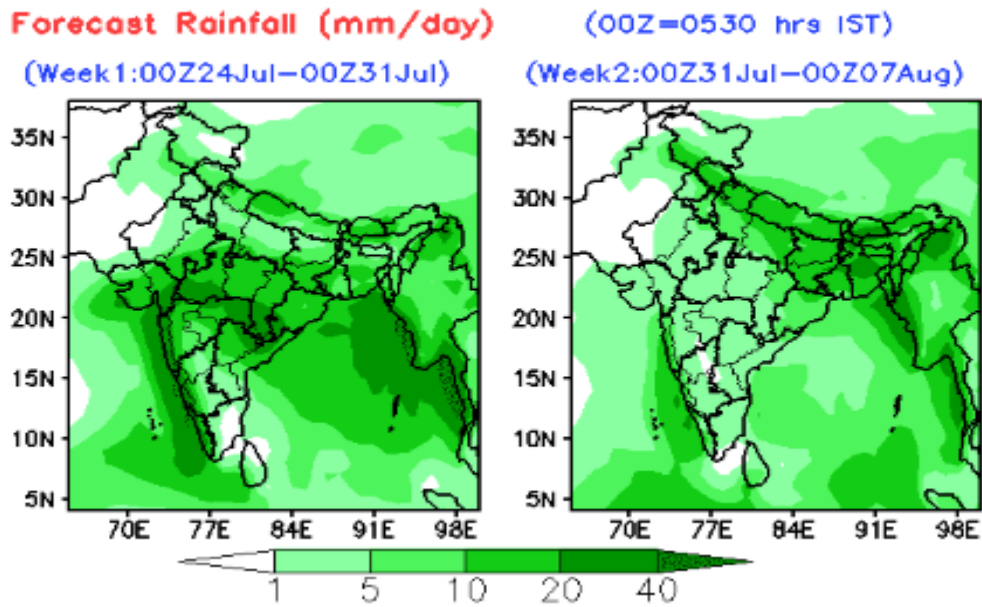
- ❖ **Maximum Temperature Departures (as on 23-07-2025):**
- ❖ Maximum temperatures are likely to be above normal by 2-3°C over northwest India (except Jammu & Kashmir), Bihar and northeast India. These are likely to be below normal or near normal over rest parts of the country.

Temperature forecast for Week 2 (31 July to 06 August, 2025):

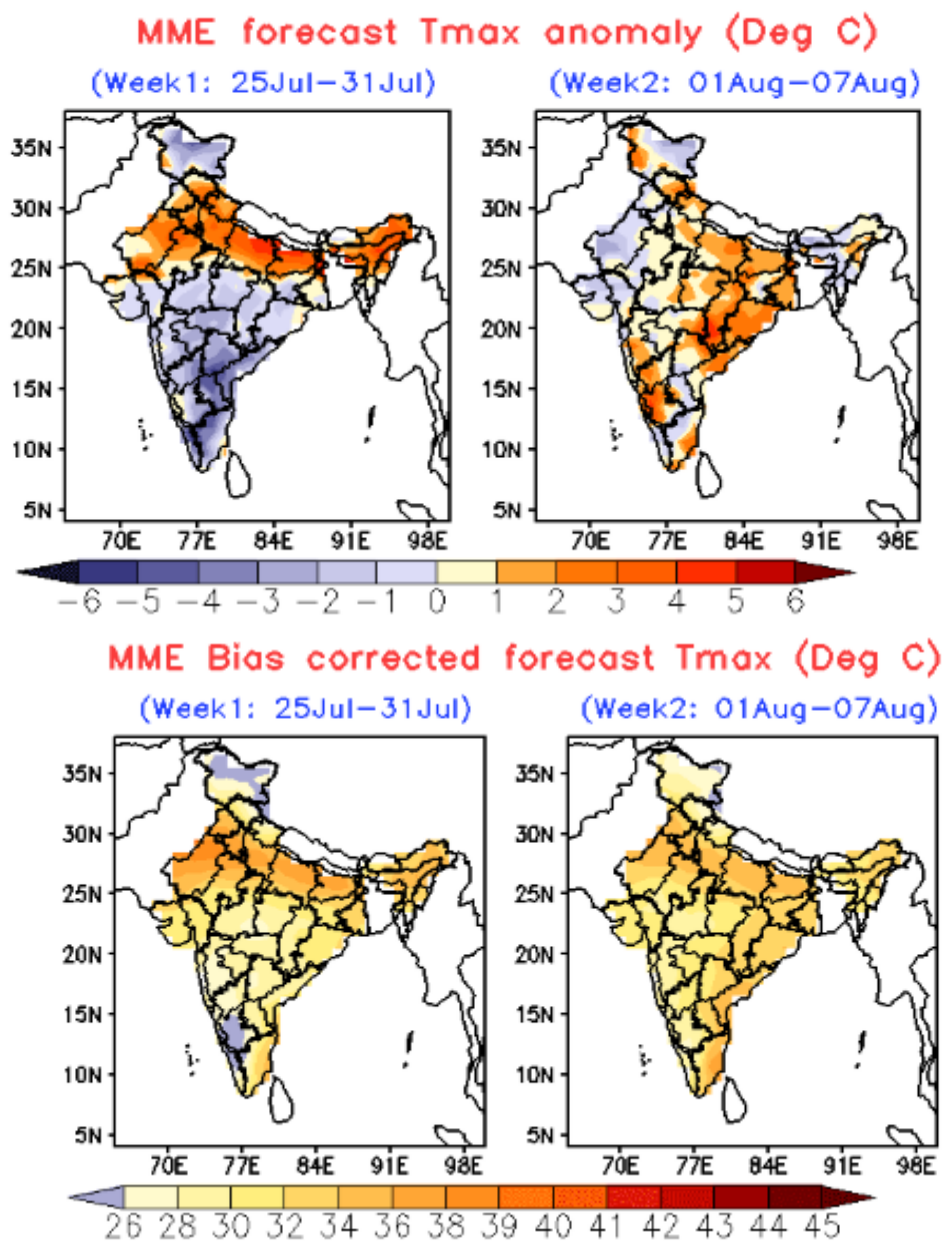
- ❖ Maximum temperatures are likely to be near normal over northwest & northeast India; above normal by 1-3°C over remaining parts of the country.







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



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