

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

Press Release: Dated: 31st July, 2025

Subject: Current Weather Status and Extended range Forecast for the next two weeks (31st July to 13th August 2025)

1. Salient Observed Features for the week ending 30th July 2025:

- ❖ **Longer spell of Very heavy to extremely heavy rainfall spell over Madhya Pradesh, East Rajasthan and Gujarat Region during 27th – 30th July due to formation of a depression over northwest Bay of Bengal and its rapid west-northwestward movement to northwest Madhya Pradesh & neighbourhood on 27th July:** An upper air cyclonic circulation (remnant of Tropical Cyclone WIPHA) emerged over northeast Bay of Bengal (BoB) and under its influence a **Low Pressure Area** formed over north BoB in the early morning (0530 hrs IST) and it lay as a **Well-Marked Low Pressure Area** over the same region in the same evening (1730 hours IST) of 24th July. It moved slowly west-northwestwards, and concentrated into a **Depression** over northwest BoB and adjoining areas of coastal West Bengal and Bangladesh in the early morning (0530 hours IST) of 25th July. Continuing to move further west-northwestwards, it crossed West Bengal & adjoining Bangladesh coasts in the morning hours (between 0730-0830 hours IST) on 25th July. Thereafter, it moved west-northwestwards till 26th July, early morning (0530 hours IST) & nearly westwards thereafter across Gangetic West Bengal, Jharkhand, North Chhattisgarh & Madhya Pradesh and weakened into a **Well-Marked Low Pressure Area** over northwest Madhya Pradesh & neighbourhood in the morning (0530 hrs IST) of 27th July. It further weakened into a **Low Pressure Area** over the same region in the morning (0530 hrs IST) of 28th July and became less marked over northwest Madhya Pradesh & neighbourhood in the evening (1730 hrs IST) of 29th July. It caused **very heavy to extremely heavy rainfall** at isolated place over East Madhya Pradesh on 27th & 30th July, West Madhya Pradesh during 28th – 30th July, Gujarat Region on 27th & 28th July, East Rajasthan on 28th & 30th July. The weekly cumulative rainfall departure was more than 50% of long period average for meteorological sub-divisions of central India with highest for West Madhya Pradesh (152%). All-India weekly rainfall departure was 19% above than the long period average.
- ❖ **Very heavy to extremely heavy rainfall spell over Coastal Karnataka, Konkan & Goa, and Madhya Maharashtra during 25th – 28th July due to an active off-shore trough along Gujarat to Kerala coasts.**

- ❖ **Monsoon Trough** was near its normal position on 24th & 28th – 30th July, western end north of its normal position and eastern end near its normal position on 25th July, western end south of its normal position and eastern end near its normal position on 26th & 27th July.
- ❖ **Isolated extremely heavy rainfall** was also recorded over Telangana, Vidarbha on 24th July, Madhya Maharashtra during 25th – 27th July, Coastal Karnataka on 26th & 27th July, East Madhya Pradesh on 27th & 30th July, Gujarat Region, Assam & Meghalaya on 27th & 28th July, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal on 27th July, East Rajasthan on 28th & 30th July, West Madhya Pradesh during 28th – 30th July, Himachal Pradesh on 29th July.
- ❖ **Heavy to very heavy rainfall** was recorded at isolated places over Coastal Karnataka on 24th & 25th July, South Interior Karnataka, Chhattisgarh, Odisha during 24th – 26th July, West Madhya Pradesh on 24th, 26th & 27th July, Jharkhand on 24th, 26th & 29th July, Nagaland, Mizoram, Manipur & Tripura on 24th, 27th - 29th July, Konkan & Goa during 25th – 27th July, East Madhya Pradesh on 25th & 26th July, Bihar on 25th, 28th & 29th July, Assam & Meghalaya on 25th & 30th July, Gangetic West Bengal on 25th July, Uttarakhand on 26th & 27th July, East Rajasthan on 26th, 27th & 29th July, Sub-Himalayan West Bengal & Sikkim on 26th & 29th July, Gujarat Region, East Uttar Pradesh, Tamil Nadu, Puducherry & Karaikal on 26th July, Marathawada, Kerala & Mahe, Arunachal Pradesh on 27th July, Madhya Maharashtra on 28th July, Himachal Pradesh on 28th & 30th July, Punjab, East Madhya Pradesh on 29th July, Jammu-Kashmir, West Uttar Pradesh on 30th July.
- ❖ **Heavy rainfall** was recorded at isolated places over Tamil Nadu, Puducherry & Karaikal, East Rajasthan on 24th & 25th July, West Uttar Pradesh on 24th, 25th, 27th & 29th July, Haryana on 24th, 26th & 29th July, East Madhya Pradesh on 24th July, Gangetic West Bengal on 24th, 26th, 29th & 30th July, Konkan & Goa on 24th & 28th July, Madhya Maharashtra on 24th, 29th & 30th July, Kerala & Mahe during 24th – 26th July, Bihar on 24th, 26th & 30th July, West Madhya Pradesh on 25th July, Jharkhand on 25th & 27th July, Vidarbha during 25th – 27th & 30th July, Telangana on 25th & 26th July, Arunachal Pradesh on 26th & 28th – 30th July, Assam & Meghalaya on 26th, 27th & 29th July, Marathawada, Coastal Andhra Pradesh & Yanam on 26th July, Sub-Himalayan West Bengal & Sikkim on 27th, 28th & 30th July, West Rajasthan on 27th & 28th July, Chhattisgarh on 27th & 30th July, East Uttar Pradesh during 28th – 30th July, Punjab on 28th July, Uttarakhand, Gujarat Region on 29th July, Nagaland, Mizoram, Manipur & Tripura, Odisha, South Interior Karnataka on 30th July.
- **Weekly Average Maximum temperature** was above normal by 1-3°C over parts of east and northeast India, below normal by 2-4°C over parts of south peninsular India during first half of the week. It was below normal by 1-3°C over parts of north, west, northwest and adjoining central India during second half of 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 **30th July, 2025** and the highest maximum temperature of **41.2°C** had been recorded at **Madurai (Tamil Nadu)** on **29th July, 2025** over the plains of the country during the week.
- ❖ **Analysis of weekly overall rainfall distribution during the week-ending on 30th July and Monsoon Season's Rainfall Scenario (1st June- 30th July 2025):** The country as a whole, the weekly cumulative All India Rainfall (for 24th July to 30th July

2025) in +19% departure from its long period average (LPA). All India Seasonal cumulative rainfall departure during this year's monsoon Season Rainfall (01st June to 30th July 2025) is +7%. 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		
	24.07.2025 TO 30.07.2025			01.06.2025 TO 30.07.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	88.3	90.2	-2%	577.8	741.6	-22%
NORTHWEST INDIA	50.5	53.2	-5%	337.7	280.8	20%
CENTRAL INDIA	117.1	77.3	52%	600.3	481.3	25%
SOUTH PENINSULA	49.9	48.2	4%	355.1	359.4	-1%
THE COUNTRY AS A WHOLE	78.8	66.3	19%	467.8	437.2	7%

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 remaining period of 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 at the end of the monsoon season.
- ❖ Madden Julian Oscillation (MJO) is currently in phase 8 with an amplitude close to 1. Most of the model forecasts have a consensus and suggest that the MJO is very likely to propagate very quickly eastwards across phases 8, & 1 with the amplitude close to 1 and enter into phase 2 at the end of week 1. Thereafter, it is likely to remain in phase 2 during the remaining part of the forecast period.

Forecast for next two week

Weather systems & associated Precipitation during Week 1 (31 July to 06 August, 2025) and Week 2 (07 to 13 August, 2025)

Weather systems & associated Precipitation during Week 1 (31 July to 06 August, 2025):

- ❖ The monsoon trough at mean sea level runs at normal position.
- ❖ An **upper air cyclonic circulation** lies over Southwest Uttar Pradesh in lower & middle tropospheric levels tilting southwestwards with height.
- ❖ An **upper air cyclonic circulation** lies over northern parts of Gangetic West Bengal in lower to upper tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over northeast Rajasthan in lower tropospheric levels.
- ❖ A **Western Disturbance seen** as a trough in middle tropospheric levels roughly along Long. 70°E to the north of Lat. 32°N.

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

Northwest India:

- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir on 31stJuly & during 04th& 06th August; Himachal Pradesh& Uttarakhand during 31stJuly-06th August; Punjab on 31st July, 03rd&04th August; Haryana, Chandigarh on 31st July & during 02nd -05th August; East Uttar Pradesh during 02nd-05th August; West Uttar Pradesh on 31stJuly & during 03rd-05th August; West Rajasthan on 31stJuly&01st august; East Rajasthan On 31stJuly, 01st August & during 03rd -06th August with isolated **very heavy rainfall** over Rajasthan on 31stJuly.
- ❖ Light/moderate rainfall at many places accompanied with thunderstorm& lightning likely over Western Himalayan region and many/some places over the plains during next 7 days.

Northeast India:

- ❖ **Extremely heavy rainfall** very likely at isolated places over Assam & Meghalaya on 02nd August.
- ❖ Light/moderate rainfall at many places accompanied with thunderstorm, lightning and isolated **heavy rainfall** likely to continue over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 31st July-06th August with isolated **very heavy rainfall** over Arunachal Pradesh during 01st-06th August; Assam & Meghalaya during 31st July-03rd& 06thAugust.

East & Central India:

- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 31st July-07th August; Gangetic West Bengal, Jharkhand on 31st July& 01st August; Bihar during 31st July-05th August; Odisha on 31st July; Chhattisgarh on 01st August; Madhya Pradesh on 31st

July & during 04th-06th August with isolated **very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim during 02nd-04th; Bihar on 02nd & 03rd August.

- ❖ Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 7 days.

South Peninsular India:

- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Kerala & Mahe during 02nd -06th August.
- ❖ Strong surface winds (speed reaching 40-50 Kmph) very likely over South Peninsular India during next 5 days.
- ❖ Light to moderate rainfall at some/many places over Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema, Coastal Andhra Pradesh & Yanam and Telangana during next 7 days.

West India:

- ❖ Light to moderate rainfall at many/some places very likely over the region during next 6-7 days.

Over all, heavy to very heavy rainfall likely to continue over northeast & adjoining east India during next 7 days with extremely heavy falls over Assam and Meghalaya on 02nd August, 2025. Subdued rainfall activities are likely over central & south peninsular India during next 6-7 days.

Precipitation for week 2 (07 to 13 August, 2025):

- ❖ The monsoon trough at mean sea level is likely to run north of its normal position during many days of the week.
- ❖ Fairly widespread to widespread rainfall with isolated heavy to very falls likely over many parts of south Peninsular India (especially Kerala, south Interior Karnataka and ghats areas of Tamil Nadu during many days of the week).
- ❖ Fairly widespread to widespread rainfall with isolated heavy to very heavy falls also likely over many parts of east & northeast India during many days of the week.
- ❖ Overall, rainfall activity is likely to be above normal over most parts of south Peninsular India; near normal to above normal activity is likely over most parts of east & northeast; below normal over most parts of northwest and central & adjoining north Peninsular India (including Maharashtra and Karnataka coasts) during the week.

Temperature forecast for Week 1 (31 July to 06 August, 2025) and Week 2 (07 to 13 August, 2025)

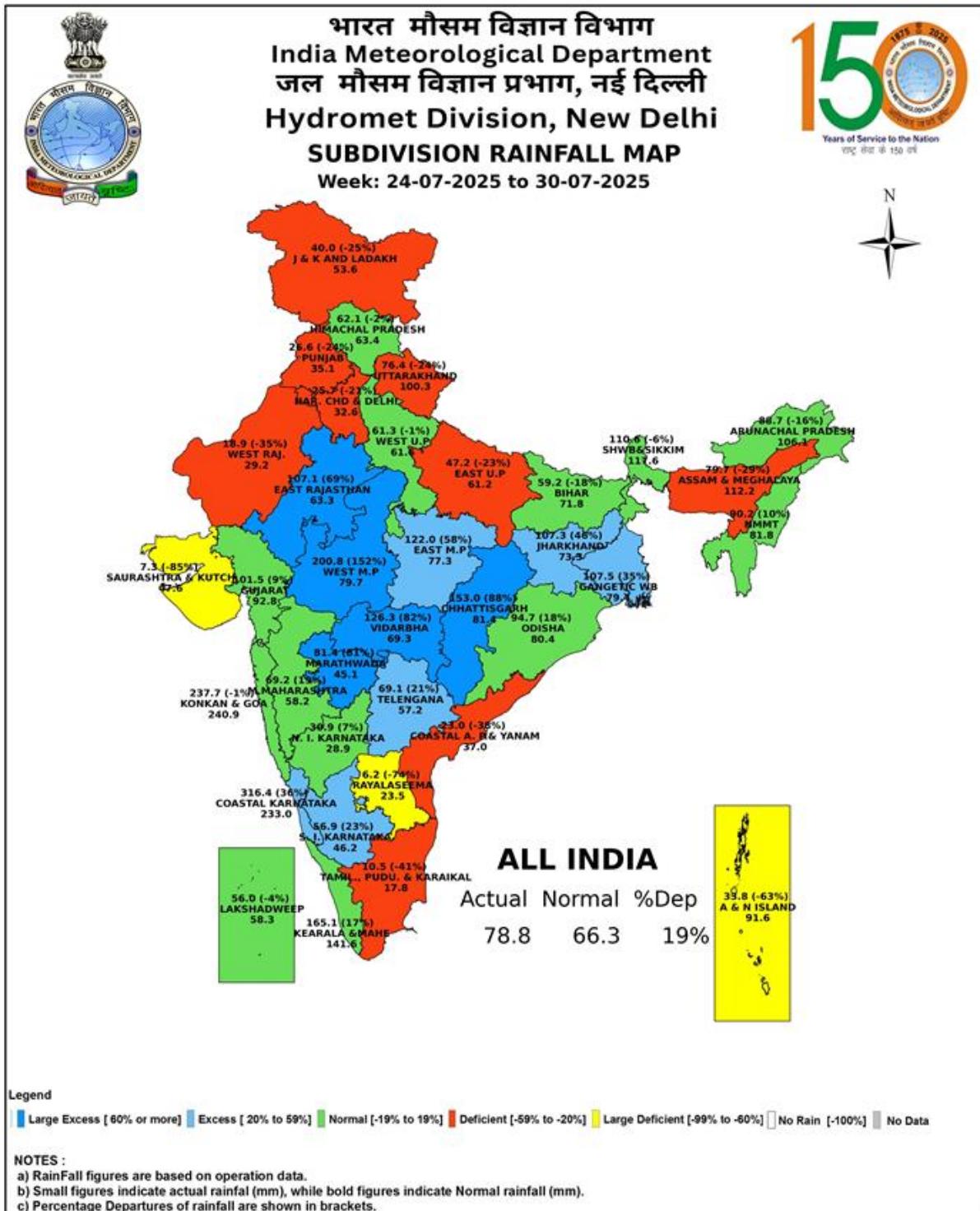
Temperature forecast for Week 1 (31 July to 06 August, 2025):

- ❖ **Maximum Temperature Departures (as on 30-07-2025):** markedly above normal (> 5.1°C) at few 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 isolated places over Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; above normal (1.6°C to 3.0°C) at most places over Arunachal Pradesh; at few places over Coastal Andhra Pradesh & Yanam; at isolated places over Andaman & Nicobar Islands, East Uttar Pradesh, Uttarakhand and Telangana. Near normal or below normal over rest parts of the country. The highest maximum temperature of **40.5°C** was reported at **MADURAI (A) (TAMIL NADU)**.
- ❖ Maximum temperatures are likely to be above normal by 2-3°C over many parts of Odisha, Chhattisgarh, Telangana, Coastal Andhra Pradesh and Interior Karnataka. These are likely to be below normal or near normal over rest parts of the country.

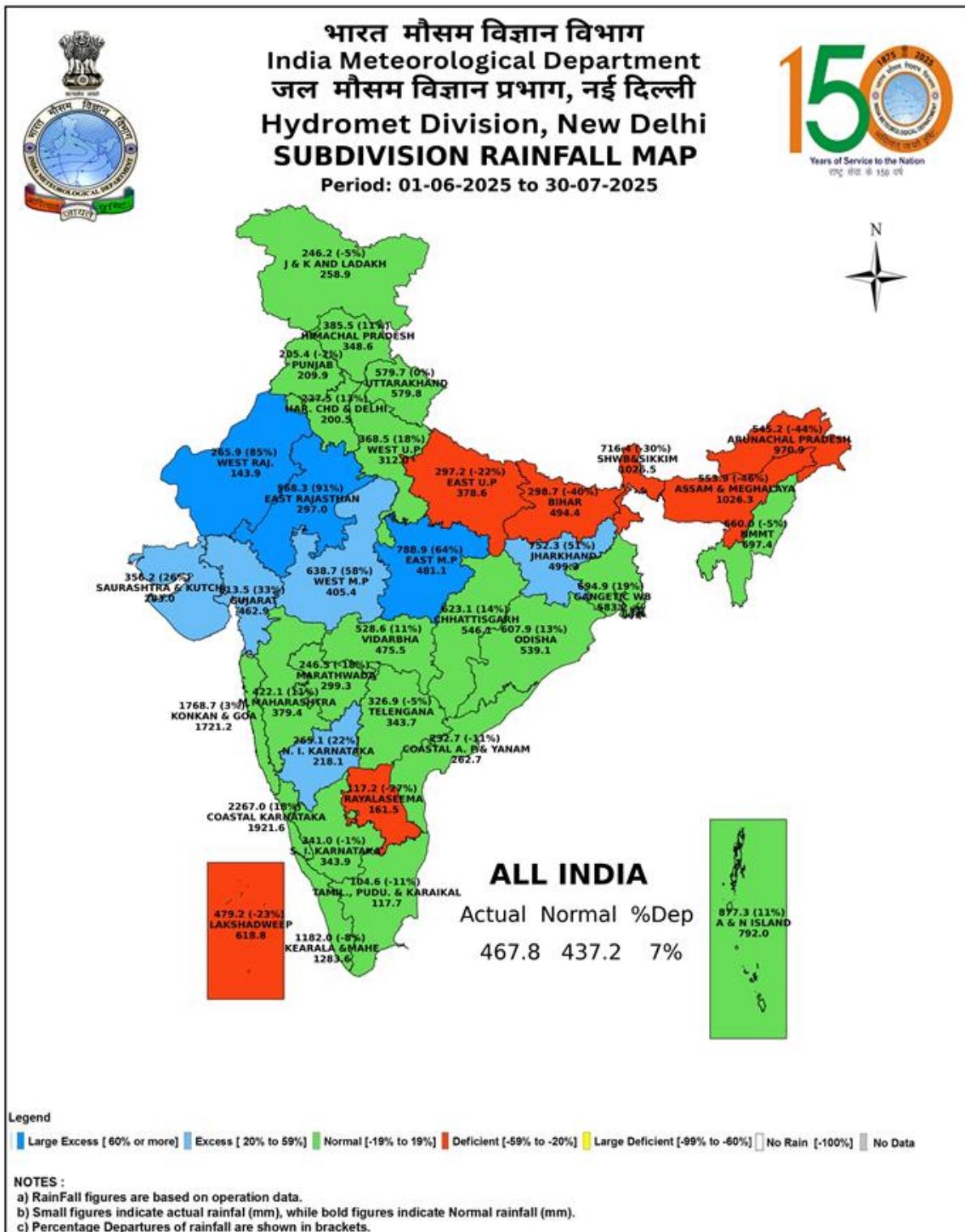
Temperature forecast for Week 2 (07 to 13 August, 2025):

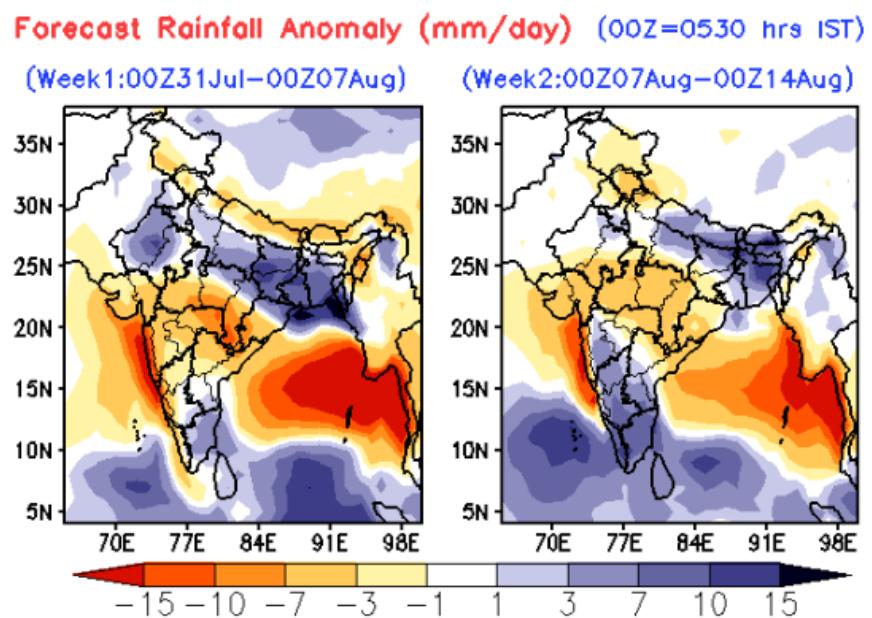
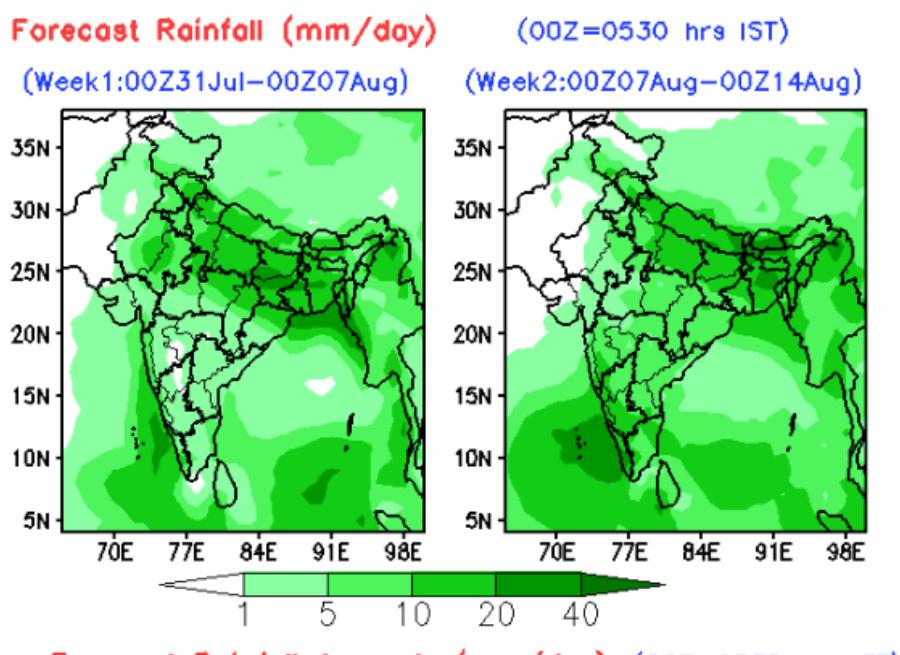
- ❖ Maximum temperatures are likely to be above normal by 2-4°C over many parts of central & adjoining north Peninsular India; near normal or below normal over remaining parts of the country.

Annexure I



Annexure II



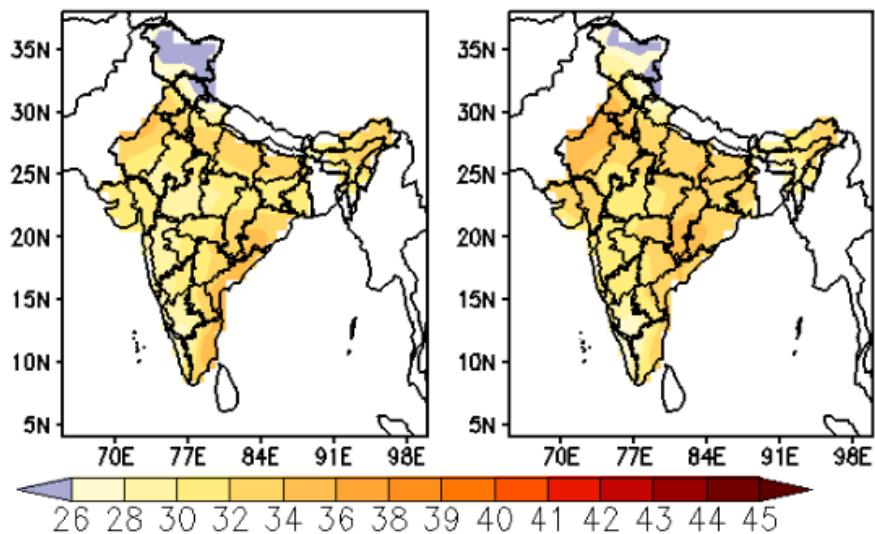


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME.

MME Bias corrected forecast Tmax (Deg C)

(Week1: 01Aug–07Aug)

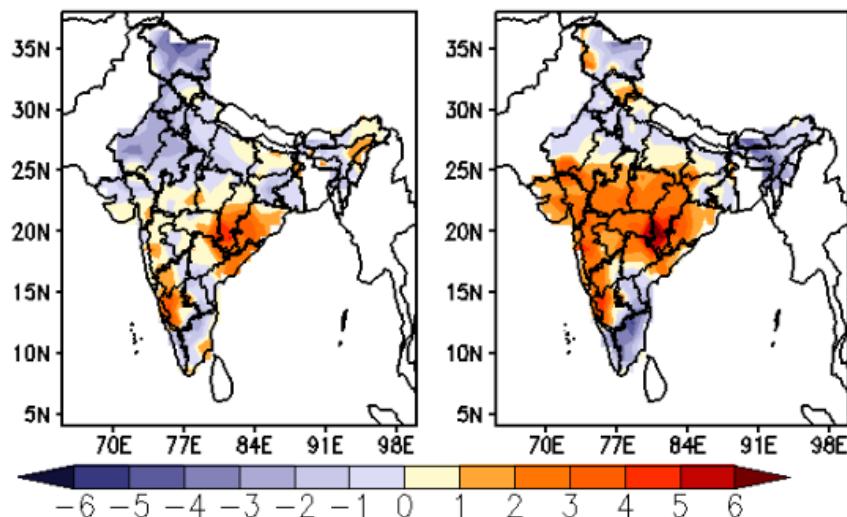
(Week2: 08Aug–14Aug)



MME forecast Tmax anomaly (Deg C)

(Week1: 01Aug–07Aug)

(Week2: 08Aug–14Aug)



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