

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

Press Release: Dated: 10th July, 2025

Subject: Current Weather Status and Extended range Forecast for the next two weeks (10th to 23rd July 2025)

1. Salient Observed Features for the week ending 09th July 2025:

- ❖ **Second consecutive week of Excess to Large Excess rainfall activities over the most meteorological sub-divisions of central and adjoining northwest India with weekly cumulative rainfall departure exceeding 100% for East Madhya Pradesh (199%), Saurashtra & Kutch (150%), Vidarbha (130%), West Rajasthan (106%), and Chhattisgarh (100%). All-India weekly cumulative rainfall in percentage departure from the long period average was 26% during the week.** It was mainly due to (a) monsoon trough was active and near its normal position during most days of the week, (b) east-west trough from northeast Arabian Sea to Gangetic West Bengal in middle to upper tropospheric levels during most days of the week, and (c) formation of a low pressure area over Gangetic West Bengal and neighbourhood on 6th July and its persistence over the same region till 9th July.
- ❖ **Formation of a Low Pressure Area over Gangetic West Bengal & neighbourhood:** Under the influence of a cyclonic circulation over northern parts of Gangetic West Bengal & neighborhood, a Low Pressure Area formed over Gangetic West Bengal & neighbourhood at 0830 hrs IST of 6th July and persisted over the same region till 8th July and lay over Gangetic West Bengal adjoining Jharkhand at 0830 hrs IST of 9th July. **It caused heavy to very heavy rainfall with isolated extremely heavy rainfall over Odisha, Chhattisgarh and Madhya Pradesh during 6th – 9th July, and Vidarbha during 8th – 9th July.**
- ❖ **Heavy to very heavy rainfall with extremely heavy rainfall** at isolated places was recorded over East Rajasthan on 3rd & 6th July, West Rajasthan, Gujarat Region, Konkan & Goa, Coastal Karnataka on 3rd July, East Madhya Pradesh on 5th & 7th – 9th July; Odisha on 6th July; Chhattisgarh on 7th July; West Madhya Pradesh on 8th July, Vidarbha on 8th & 9th July, Tripura on 9th July.
- ❖ **Heavy to very heavy rainfall** was recorded at isolated places Odisha on 3rd & 7th – 9th July, Chhattisgarh on 3rd, 4th, 6th & 9th July, Madhya Maharashtra on 3rd, 5th & 7th July, South Interior Karnataka on 3rd, 5th & 6th July, Assam & Meghalaya on 3rd & 7th July, Himachal Pradesh, Uttarakhand, Kerala &

Mahe on 3rd July; Saurashtra & Kutch on 4th & 7th July, Konkan & Goa, West Rajasthan, and East Madhya Pradesh on 4th & 6th July, Gujarat Region on 4th, 6th & 7th July, East Rajasthan on 5th & 7th July, West Uttar Pradesh on 5th & 8th July, West Madhya Pradesh on 5th, 6th & 9th July, Sub-Himalayan West Bengal & Sikkim on 6th & 9th July, Nagaland, Manipur, Mizoram & Tripura on 6th July, Haryana on 7th & 9th July, Uttarakhand, Jharkhand on 7th July, Gangetic West Bengal, and East Uttar Pradesh on 9th July.

- ❖ **Heavy rainfall** was recorded at isolated places over Arunachal Pradesh on 3rd, 5th & 6th July, Jharkhand on 3rd, 5th, 6th, 8th & 9th July, Gangetic West Bengal on 3rd & 5th – 8th July, West Madhya Pradesh on 3rd, 4th & 7th July, East Madhya Pradesh, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka on 3rd July, Himachal Pradesh on 4th, 6th, 8th & 9th July, Uttarakhand on 4th, 8th & 9th July, Odisha on 4th & 5th July, South Interior Karnataka, and Sub-Himalayan West Bengal on 4th, 5th & 7th July, Madhya Maharashtra on 4th, 6th & 8th July, Coastal Karnataka during 4th – 9th July, Nagaland, Manipur, Mizoram & Tripura on 4th, 5th, 8th & 9th July; Konkan & Goa on 5th, 7th & 8th July, Punjab on 5th & 7th July, Haryana on 5th & 8th July, Jammu-Kashmir on 5th & 6th July, Assam & Meghalaya on 5th, 6th & 8th July, Saurashtra & Kutch 5th & 6th July, Chhattisgarh, and Gujarat Region on 5th & 8th July, Kerala & Mahe during 5th – 7th July, East Uttar Pradesh on 6th July, West Uttar Pradesh on 7th & 9th July, Vidarbha on 7th July, East Rajasthan on 8th July, West Rajasthan on 9th July.
- ❖ **Weekly Average Maximum temperature** was above normal by 1-3°C over parts of north India during first half of the week, above normal by 1-3°C over parts of northeast India during second half of the week. It was below normal by 2-4°C over parts of west, northwest, central and east 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 north India, and nearly normal over remaining parts of the country during the week.
- ❖ **Analysis of weekly overall rainfall distribution during the week-ending on 09th July and Monsoon Season's Rainfall Scenario (1st June– 09th July 2025):** The country as a whole, the weekly cumulative All India Rainfall (for 03rd July to 09th July 2025) in +26% departure from its long period average (LPA). All India Seasonal cumulative rainfall departure during this year's monsoon Season Rainfall (01st June to 09th July 2025) is +15%. 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		
	03.07.2025 TO 09.07.2025			01.06.2025 TO 09.07.2025		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	73.3	97.2	-25%	366.9	454.0	-19%
NORTHWEST INDIA	40.7	38.6	+5%	166.4	125.5	+33%
CENTRAL INDIA	125.6	67.0	+87%	366.8	255.1	+44%
SOUTH PENINSULA	37.1	42.8	-13%	207.4	215.4	-4%
THE COUNTRY AS A WHOLE	73.7	58.3	26%	273.9	239.1	+15%

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 4 with an amplitude greater than 1. Most of the model forecasts have a consensus and suggest that the MJO signal is likely to make a loop in phase 4 during the first half of week 1, with the amplitude remaining close to 1. Thereafter, it is likely to propagate eastwards across phases 5 and 6 with its amplitude greater than 1 during the remaining days of the forecast period. Hence, MJO is likely to support the enhancement of convective activity over the Bay of Bengal (BoB) region during the first week.

Forecast for next two week

Weather systems & associated Precipitation during Week 1 (10 to 16 July, 2025) and Week 2 (17 to 23 July, 2025)

Weather systems & associated Precipitation during Week 1 (10 to 16 July, 2025):

- ❖ A Low-Pressure area lay over south Jharkhand & neighbourhood.
- ❖ The Monsoon trough runs to near its normal position at mean sea level.
- ❖ An upper air cyclonic circulation lies over Punjab & neighbourhood in lower & middle tropospheric levels.
- ❖ A trough runs from southwest Uttar Pradesh to the cyclonic circulation associated with Low Pressure area over south Jharkhand & neighbourhood in lower tropospheric levels.

- ❖ Another trough runs from northeast Arabian Sea to the cyclonic circulation associated with Low Pressure area over south Jharkhand & neighbourhood in middle tropospheric levels.
- ❖ An upper air cyclonic circulation lies over northeast Assam in lower tropospheric levels.
- ❖ Under the influence of these systems, the following weather is likely:

Northwest India:

- ✓ Isolated **heavy rainfall** likely over East Rajasthan, Uttarakhand, Himachal Pradesh, Uttarakhand during 10th-16th; Punjab, Haryana Chandigarh on 10th, 11th & 16th; Jammu-Kashmir on 10th and during 14th-16th; West Uttar Pradesh during 10th-13th; East Uttar Pradesh during 10th-12th; West Rajasthan on 10th and during 12th-16th July with **very heavy rainfall** over Himachal Pradesh, Jammu, Punjab, Haryana, West Uttar Pradesh on 10th; Uttarakhand on 13th; West Rajasthan on 14th; East Rajasthan during 11th-14th July.
- ✓ Light/moderate rainfall at most/many places accompanied with thunderstorm, lightning likely over western Himalayan region and some/many places over the plains during next 7 days.

East & Central India:

- ✓ Isolated **heavy rainfall** very likely to continue over Madhya Pradesh during 10th-16th; Vidarbha during 10th-13th; Chhattisgarh, Jharkhand during 10th-14th; Sub-Himalayan West Bengal & Sikkim during 13th-16th; Gangetic West Bengal on 14th; Odisha on 10th and during 13th-15th July with **very heavy rainfall** over East Madhya Pradesh during 10th-12th; West Madhya Pradesh during 11th-14th July.
- ✓ Light/moderate rainfall at most/many places accompanied with accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 Kmph likely over the region during next 7 days.

West India:

- ✓ **Heavy rainfall** likely at isolated places over Konkan & Goa on 13th & 14th; Gujarat Region during 12th-16th; Ghat areas of Madhya Maharashtra on 10th, 13th & 14th; Saurashtra & Kutch on 13th July.
- ✓ Light/moderate rainfall at many/some places very likely over the region during next 7 days.

Northeast India:

- ✓ Light/moderate rainfall at most places accompanied with **thunderstorm, lightning** likely to continue over Northeast India during next 7 days.

- ✓ Isolated **heavy rainfall** very likely over Mizoram & Tripura on 10th; during 13th-16th; Arunachal Pradesh during 11th-16th and Assam & Meghalaya during 12th-16th July.

South Peninsular India:

- ✓ Isolated **heavy rainfall** likely over Coastal Karnataka on 10th and Kerala during 12th-16th July.
- ✓ **Strong surface winds** (speed reaching 40-50 Kmph) very likely over South Peninsular India during next 3 days.
- ✓ Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Karnataka and Rayalaseema; isolated to scattered rainfall over Coastal Andhra Pradesh & Yanam, Telangana during next 7 days.

Precipitation for week 2 (17 to 23 July, 2025):

- ❖ Monsoon trough is likely to be north of its normal position during 1st half of the week and shift gradually towards its normal position thereafter.
- ❖ Feeble off-shore trough likely to run along the west coast during some days of the week.
- ❖ As a result, fairly widespread to widespread rainfall with isolated heavy falls likely over many parts of northwest India and with isolated heavy to very heavy falls over central India during many days of the week.
- ❖ Fairly widespread to widespread rainfall with isolated heavy falls likely along west coast during most days of the week.
- ❖ Overall, near normal to above normal rainfall activity is likely over central India; near normal over most parts of northwest and south Peninsular India; below normal rainfall activity is likely over most parts of east & northeast India during the week.

Temperature forecast for Week 1 (10 to 16 July, 2025) and Week 2 (17 to 23 July, 2025)

Temperature forecast for Week 1 (10 to 16 July, 2025):

- ❖ **Maximum Temperature Departures (as on 09-07-2025):** Markedly above normal(> 5.1°C) at few places over Arunachal Pradesh; at isolated places over Assam & Meghalaya, Odisha, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Tamil Nadu, Puducherry & Karaikal; appreciably above normal(3.1°C to 5.0°C) at few places over Coastal Andhra Pradesh & Yanam; at isolated places over Bihar and Rayalaseema. above normal(1.6°C to 3.0°C) at many places over Kerala & Mahe; at few places over Coastal Karnataka and Lakshadweep; at isolated places over Himachal Pradesh, Konkan & Goa, Madhya Maharashtra and South Interior Karnataka. Near normal or below normal over rest parts of the country. **The highest maximum temperature of 41.0°C is reported at MADURAI (A) (TAMIL NADU).**

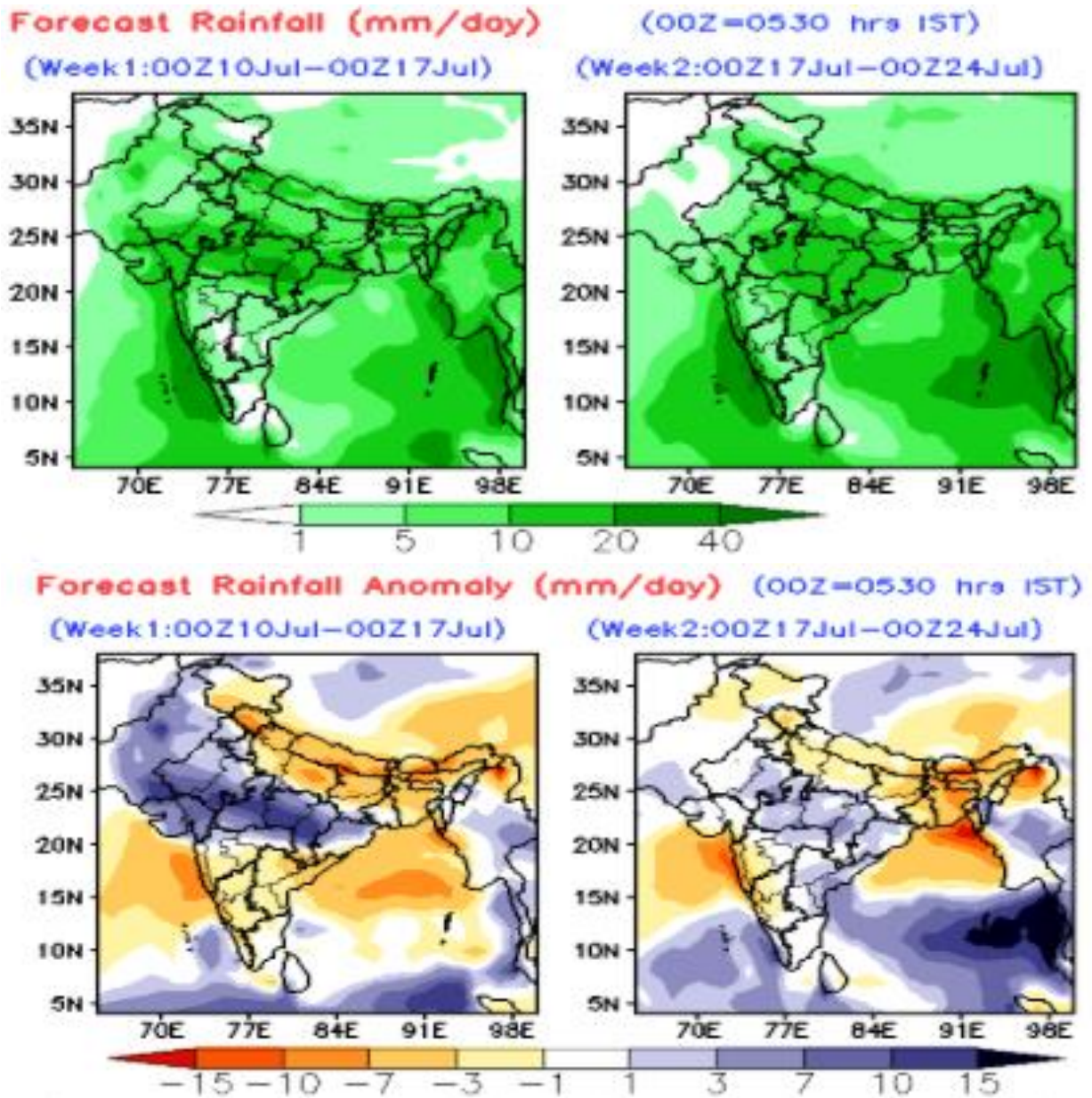
- ❖ Maximum temperatures are likely to be above normal by 2-4°C over Uttar Pradesh, Bihar and most parts of northeast India. These are likely to be below normal or near normal over rest parts of the country.

Temperature forecast for Week 2 (17 to 23 July, 2025):

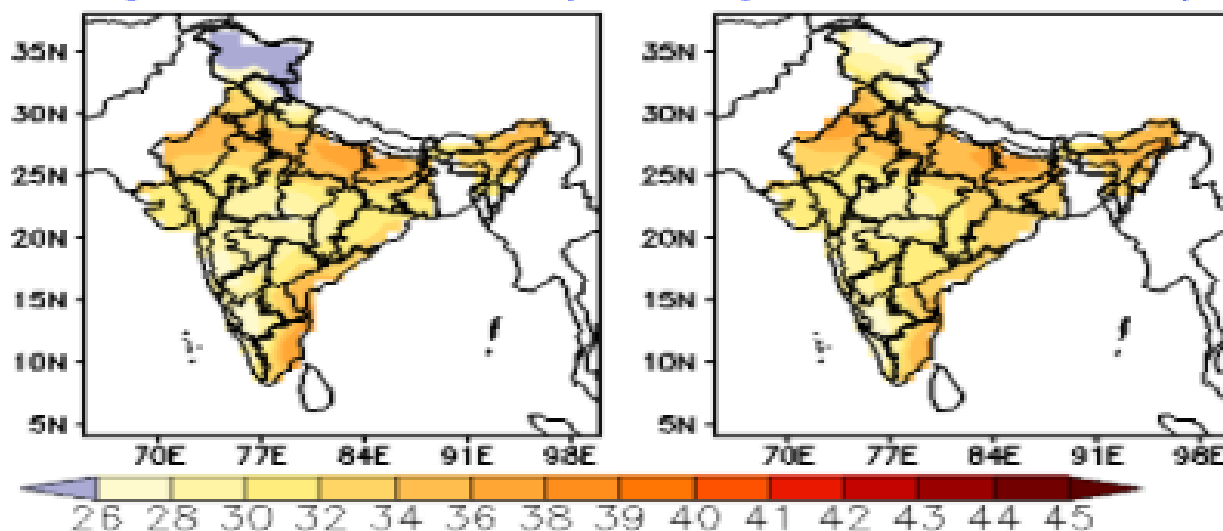
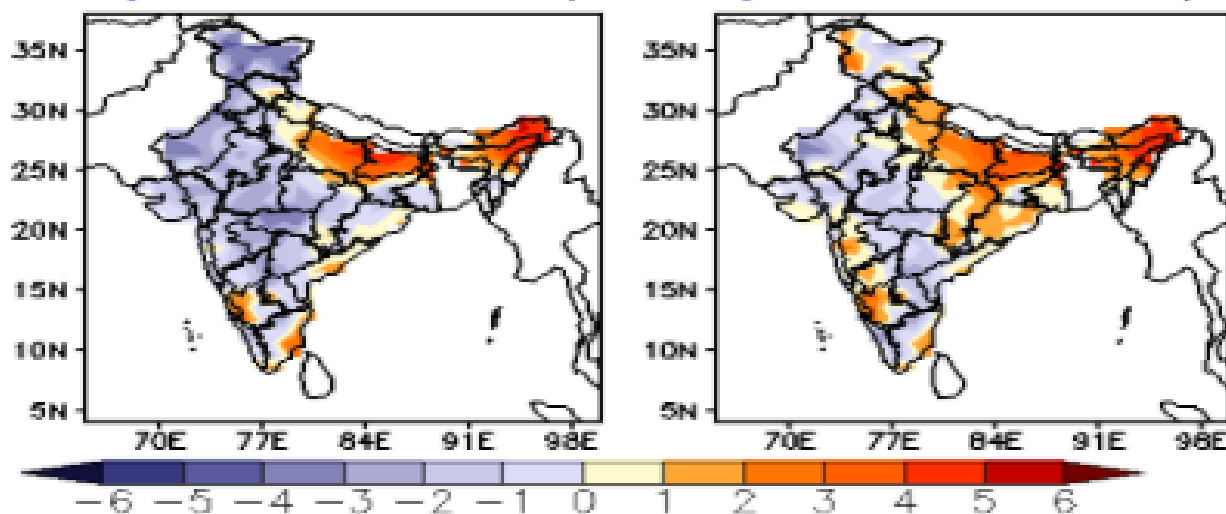
- ❖ These are likely to be above normal by 2-3°C over many parts of east & northeast India and Uttar Pradesh. These are likely to be below normal or near normal over rest parts of the country.







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

MME Bias corrected forecast Tmax (Deg C)**(Week1: 11Jul–17Jul)****(Week2: 18Jul–24Jul)****MME forecast Tmax anomaly (Deg C)****(Week1: 11Jul–17Jul)****(Week2: 18Jul–24Jul)**

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