

Press Release: Dated: 16 July 2026

Subject: Current Weather Status and Extended Range Forecast for the next two weeks (16 to 29 July 2026)

1. Salient Observed Features for the week ending 15 July 2026:

- ❖ **The Southwest Monsoon covered the entire country on 9th July:** The Southwest Monsoon further advanced into remaining parts of north Arabian Sea, Rajasthan, Haryana and Punjab on 9th July. Thus, it has covered the entire country on 9th July, 2026, against the normal date of 8th July (1 day after the normal date of covering the entire India).
- ❖ **Subdued rainfall** activities over central and south peninsular India during the week leading to all-India weekly cumulative rainfall 51% below normal of long-period average.
- ❖ **Last week's Well-Marked Low Pressure Area** over northwest Madhya Pradesh & adjoining southwest Uttar Pradesh lay over southwest Uttar Pradesh & neighbourhood on 9th July and lay as a Low Pressure Area over northern parts of central Uttar Pradesh in the morning hours of 10th July and became less marked in the morning hours of 11th July. It caused isolated **extremely heavy rainfall** over Uttarakhand, West Uttar Pradesh on 9th & 10th July, Himachal Pradesh on 10th July and **heavy to very heavy rainfall** at isolated places over East Uttar Pradesh during 10th – 13th July, Haryana, East Madhya Pradesh, Bihar on 10th July, Himachal Pradesh, Uttarakhand on 11th July.
- ❖ **Formation of a Low Pressure Area over Northwest Bay of Bengal off north Odisha - West Bengal coasts on 15th July:** Under the influence of an upper air cyclonic circulation over North Bay of Bengal & adjoining south Bangladesh, a Low Pressure Area formed over Northwest Bay of Bengal off north Odisha - West Bengal coasts in the morning hours of 15th July.
- ❖ **Extremely heavy rainfall** also recorded at isolated places over Assam & Meghalaya on 9th & 12th July, Madhya Maharashtra on 9th July, Sub-Himalayan West Bengal & Sikkim on 13th July. **Heavy to very heavy rainfall** also recorded at isolated places over Sub-Himalayan West Bengal & Sikkim on 9th & 10th July, Nagaland, Manipur, Mizoram & Tripura on 9th, 13th & 15th July, Tamil Nadu, Puducherry & Karaikal, Konkan & Goa on 9th July, Assam & Meghalaya on 10th, 11th & 13th July, Bihar on 13th & 14th July, Odisha on 14th & 15th July.
- ❖ **Heavy rainfall** recorded at isolated places over East Uttar Pradesh on 9th, 14th & 15th July, East Rajasthan, West Madhya Pradesh on 9th & 10th July, Bihar on 9th, 11th, 12th & 15th July, Arunachal Pradesh on 9th, 13th & 15th July, West Rajasthan, East Madhya Pradesh, Vidarbha on 9th July, Punjab Haryana on 10th & 11th July, Gangetic West Bengal on 10th, 11th, 13th & 14th July, Nagaland, Manipur, Mizoram & Tripura on 10th, 11th & 14th July, Jharkhand on 11th & 15th July, Odisha, West Uttar Pradesh, Tamil Nadu, Kerala & Mahe on 11th July, Uttarakhand on 12th, 13th & 15th July, Sub-Himalayan West Bengal & Sikkim on 12th & 14th July, Himachal Pradesh on 13th July, Assam & Meghalaya on 14th & 15th July.
- ❖ During the past week (09 to 15 July 2026), rainfall was below normal over the country as a whole (51% below Long Period Average (LPA)) and all the homogeneous regions of India (Annexure I).
- ❖ Cumulatively from 1 June to 15 July 2026, the country as a whole has had rainfall below normal by 23% of LPA (Annexure II).
- ❖ Details of weekly and cumulative rainfall distribution are given in Table 1.

Table 1: Rainfall status (Week and season)

Region	Week			Season		
	09.07.2026 TO 15.07.2026			01.06.2026 TO 15.07.2026		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	78	100.8	-23%	348	540.2	-36%
NORTHWEST INDIA	35.7	49.1	-27%	137.5	168.7	-19%
CENTRAL INDIA	16.9	69.8	-76%	273.2	315	-13%
SOUTH PENINSULA	10.8	46.4	-77%	190	255.3	-26%
THE COUNTRY AS A WHOLE	31.2	63.8	-51%	227.0	294.2	-23%

2. Large-scale features:

- ❖ El Niño conditions prevail over the equatorial Pacific Ocean, with sea surface temperature (SST) anomalies remaining above normal across the central and eastern equatorial Pacific. These conditions are expected to strengthen further during the Southwest Monsoon season. Forecasts from the Monsoon Mission Coupled Forecast System (MMCFS) also indicate a continued strengthening of El Niño conditions throughout the Southwest Monsoon season.
- ❖ Neutral Indian Ocean Dipole (IOD) conditions prevail over the Indian Ocean. Forecasts from the Monsoon Mission Coupled Forecast System (MMCFS) indicate that these neutral IOD conditions are likely to persist throughout the Southwest Monsoon season.
- ❖ Madden-Julian Oscillation (MJO) index is currently in phase 8 with an amplitude of more than 1. It is likely to continue in the same phase, with a decreasing trend in amplitude during week 1 and on most days of week 2. During the latter half of week 2, it is likely to enter phase 1 with an amplitude nearing 1.

3. Forecast for the next two weeks**Weather systems & associated Precipitation during Week 1 (16 to 22 July 2026) and Week 2 (23 to 29 July 2026)****Weather systems & associated Precipitation during Week 1 (16 to 22 July 2026):****Weather systems during week 1:**

- ❖ A well-marked low-pressure area lay over the Northwest Bay of Bengal and adjoining North Odisha -West Bengal coast. It is likely to move northwestwards across North Odisha & Gangetic West Bengal during the next 2 days and weaken gradually.
- ❖ The western end of the monsoon trough is likely to remain north of its normal position and the eastern end near its normal position during the week.
- ❖ The low-level Somali Jet is likely to prevail during the week.
- ❖ Strong northwesterly winds are likely to prevail over the southern peninsular India and central India during most days of the week.
- ❖ An anomalous ridge is likely to extend from the central Arabian Sea to the southwest Bay of Bengal across Karnataka and Andhra Pradesh during the week in lower tropospheric levels.
- ❖ Two Western Disturbance likely to affect northwest India during some days of week 1.

- ❖ The Tibetan Anticyclone is likely to shift westward during the week and remain positioned roughly around 30-32°N latitude.
- ❖ A ridge is likely to prevail in upper tropospheric levels around 30°N latitude during the week.
- ❖ The Tropical Easterly Jet is likely to be weak over South Peninsular India during the week.

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

- ❖ Subdued rainfall activity is likely over west-central and south Peninsular India during the week and over the plains of northwest India during the next 2 days.
- ❖ **Isolated heavy to very heavy** rainfall is likely over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, and West/East Uttar Pradesh during the week. **Very heavy rainfall** is likely over Jammu & Kashmir (21 July), Himachal Pradesh (19–22 July), Uttarakhand (18–21 July), and East Uttar Pradesh (19–21 July).
- ❖ **Isolated heavy rainfall** is likely over Chhattisgarh, East Madhya Pradesh, and Vidarbha during the week. **Very heavy rainfall** is likely over Chhattisgarh on 16 July.
- ❖ **Isolated heavy rainfall** is likely over Bihar, Sub-Himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, and Odisha during the week. **Very heavy rainfall** is likely over Bihar, Sub-Himalayan West Bengal & Sikkim (18–20 July), and Odisha (17 July), while isolated extremely heavy rainfall is likely over Odisha on 16 July.
- ❖ Widespread **heavy rainfall** is likely over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during the week. **Very heavy rainfall** likely over Arunachal Pradesh (17–19 July) and Assam & Meghalaya (16–19 July).
- ❖ Isolated **heavy rainfall** is likely over Konkan & Goa, Madhya Maharashtra & Coastal Andhra Pradesh & Yanam on 16 July.
- ❖ **Thunderstorm** activity accompanied by lightning, gusty winds, and isolated thundersquall activity is likely over parts of Central India, East India, Northeast India, Northwest Plains, Peninsular India, West Coast, West India, and Western Himalayan Region during the week.
- ❖ **Overall, rainfall activity is likely to be normal to above normal over most parts of East and Northeast India and below normal over the remaining parts of the country (Annexure III).**

Weather systems & associated Precipitation during Week 2 (23 to 29 July 2026):

- ❖ The monsoon trough is likely to remain near its normal position for many days of the week.
- ❖ A weak offshore trough at the mean sea level is likely to run from south Gujarat to Karnataka during some days of the week.
- ❖ An upper air cyclonic circulation is likely to develop over the north and adjoining west central Bay of Bengal during the week.
- ❖ A Western Disturbance is likely to affect northwest India during some days of the week.
- ❖ The Tibetan Anticyclone is likely to become more pronounced and remain positioned near its normal position towards the end of the week.

Under the influence of the above system:

- ❖ Light/moderate fairly widespread to widespread rainfall is likely over most parts of northwest India during some/many days of the week. Isolated **heavy to very heavy** rainfall is also likely over Jammu & Kashmir, Himachal Pradesh & Uttarakhand during some days of the week.
- ❖ Light/moderate fairly widespread to widespread rainfall is likely over Northeast & adjoining east India during the week. Isolated **heavy to very heavy falls** are likely over Arunachal Pradesh, Assam & Meghalaya, and Sikkim on some days of the week.

- ❖ Widespread rainfall with isolated heavy to very heavy falls likely over coastal areas of Gujarat, Konkan & Goa, Coastal Karnataka, and Kerala during many days of the week. Scattered to fairly widespread rainfall with isolated heavy falls also likely over the remaining parts of Peninsular India during some days of the week.
- ❖ **Overall, rainfall is likely to be near normal to above normal over parts of East and Central India. It is likely to be below normal over the remaining parts of the country during the week (Annexure III).**

Temperature forecast for Week 1 (16 to 22 July 2026) and Week 2 (23 to 29 July 2026)

Temperature forecast for Week 1 (16 to 22 July 2026, 2026):

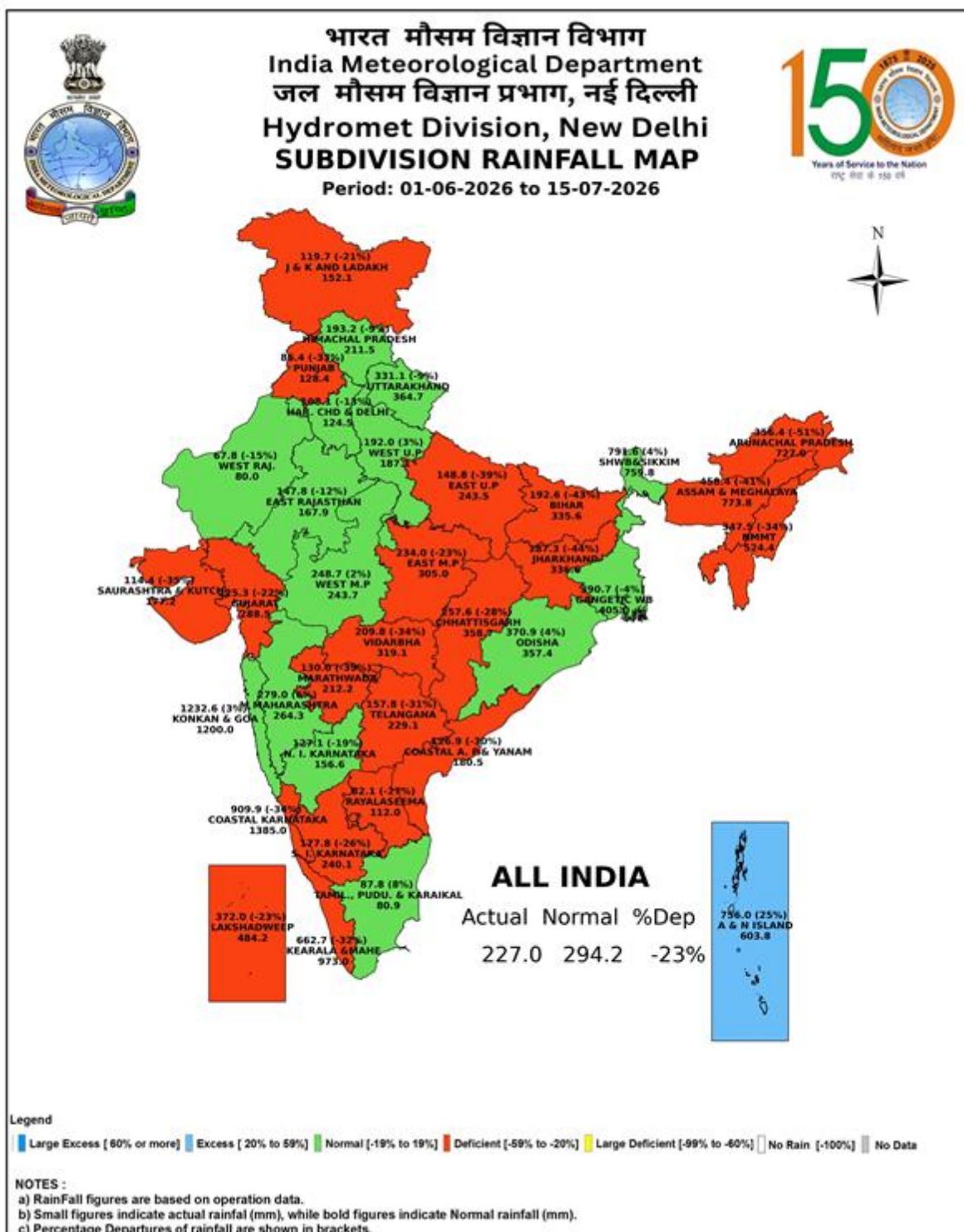
- ❖ Above normal maximum temperatures by 2-4°C are very likely over many parts of the plains of Northwest India and over some parts of South Peninsular India during some days of the week **(Annexure IV)**.
- ❖ **Heat wave** conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam and Rayalaseema on 16th July; Tamil Nadu, Puducherry & Karaikal during 16th-17th July.
- ❖ **Hot and humid** weather conditions likely to prevail over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Telangana, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during some days of the week.

Temperature forecast for Week 2 (23 to 29 July 2026):

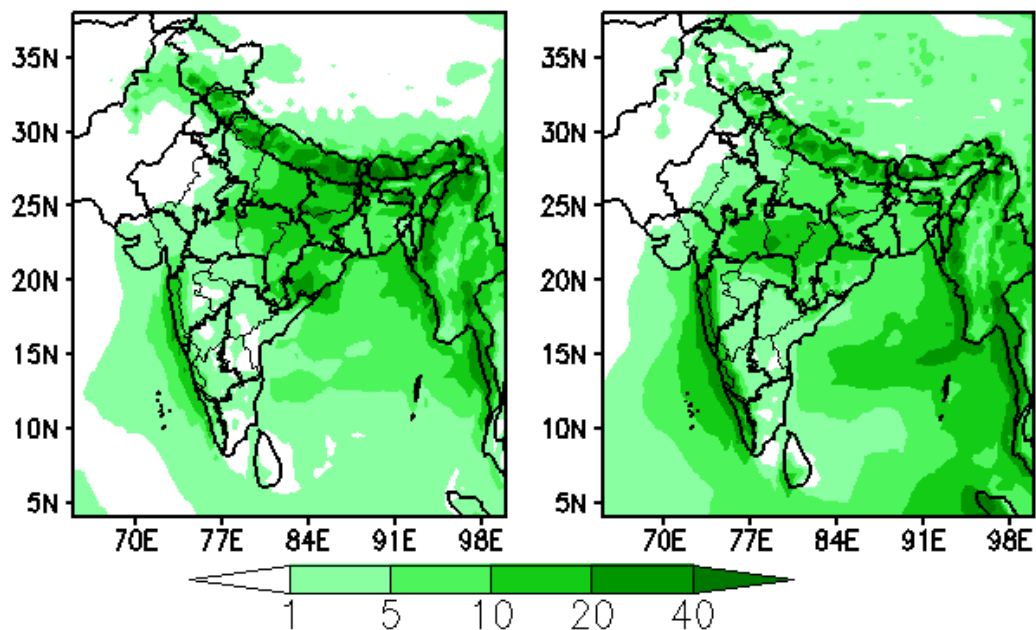
- ❖ Above normal maximum temperatures by 2-4°C are very likely over many parts of the plains of Northwest India and over northeast India during many days of the week **(Annexure IV)**.
- ❖ No probability of a heat wave over any part of the country during the week.
- ❖ No probability of warm nights in any part of the country during the week. Minimum temperatures are likely to be near Normal (-1.5 to +1.5°C) for the country.

Advisories on the likely impact and suggested actions for Heavy Rainfall/ High temperatures/ Heat Waves are provided in Annexure-V.

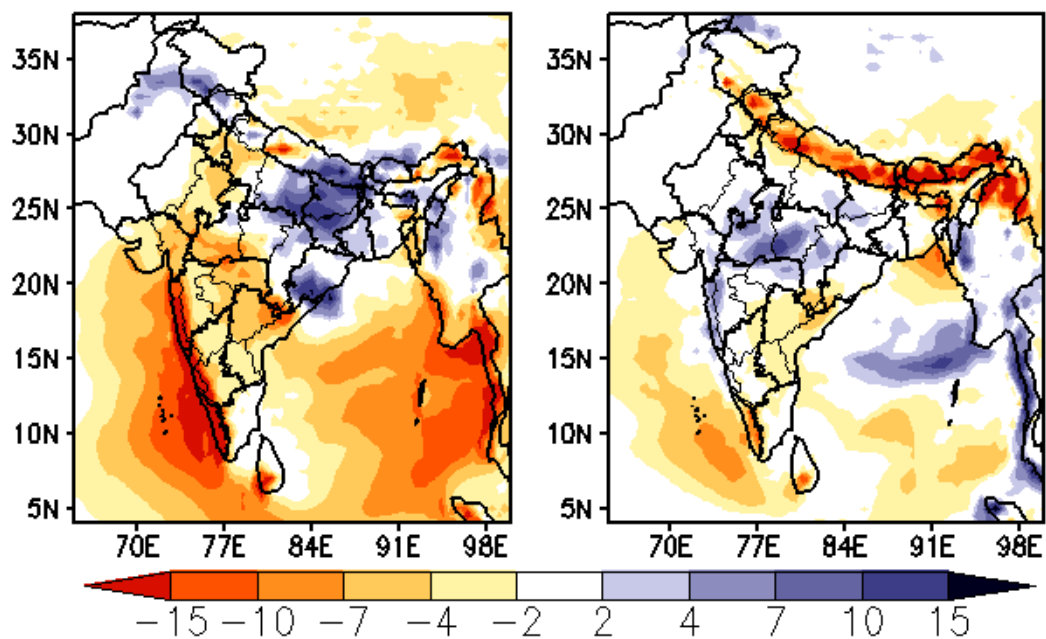




Forecast Rainfall (mm/day) (00Z=0530 hrs IST)
 (Week1:00Z16Jul–00Z23Jul) (Week2:00Z23Jul–00Z30Jul)



Forecast Rainfall Anomaly (mm/day) (00Z=0530 hrs IST)
 (Week1:00Z16Jul–00Z23Jul) (Week2:00Z23Jul–00Z30Jul)

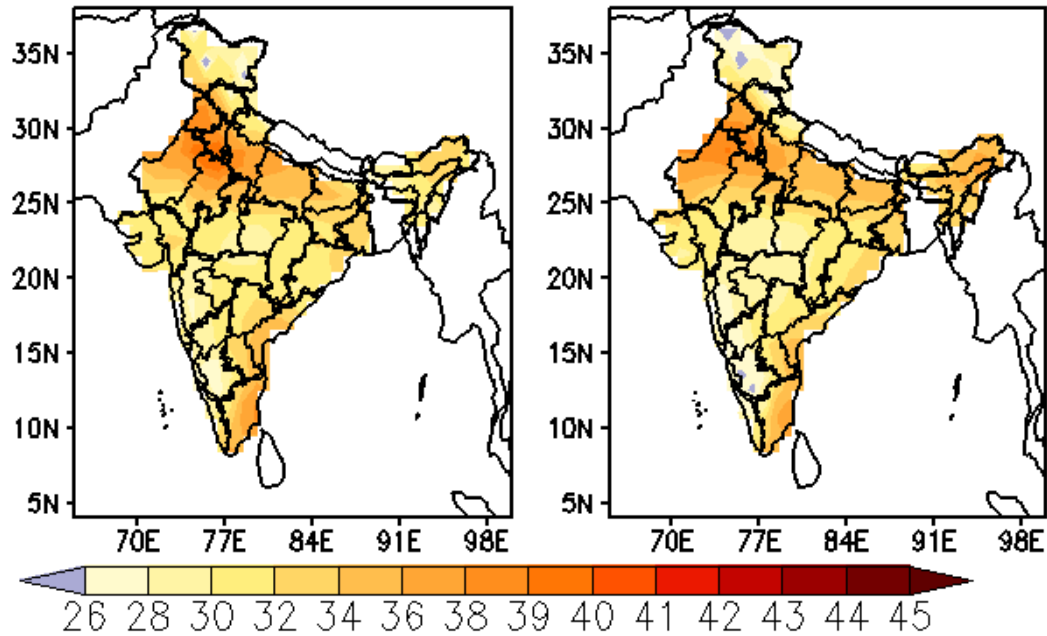


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

MME Bias corrected forecast Tmax (Deg C)

(Week1: 17Jul–23Jul)

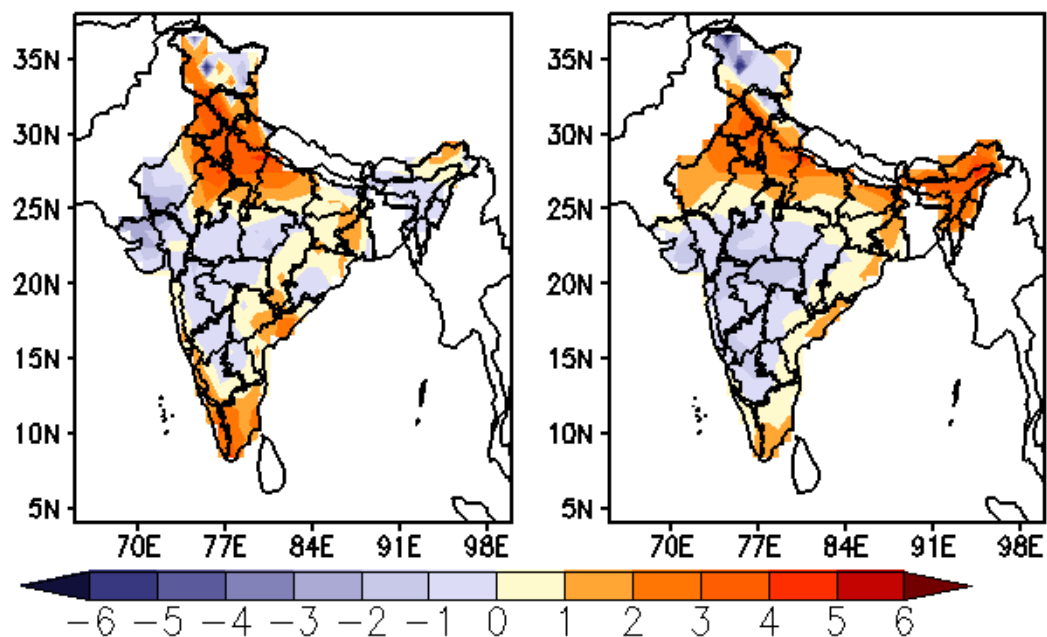
(Week2: 24Jul–30Jul)



MME forecast Tmax anomaly (Deg C)

(Week1: 17Jul–23Jul)

(Week2: 24Jul–30Jul)



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

Impact expected and action suggested due to isolated thunderstorm with lightning, gusty/squally winds

- ❖ Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over Odisha on 16th July.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Impact expected and action suggested due to Heat wave conditions:

- ❖ **Heat wave** conditions very likely in isolated pockets over Coastal Andhra Pradesh & Yanam and Rayalaseema on 16th July; Tamil Nadu, Puducherry & Karaikal during 16th-17th July.

Alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

Agromet advisories for likely impact of Heavy Rainfall

- ❖ In **Odisha**, maintain continuous drainage and keep field channels clear to prevent prolonged waterlogging in rice, maize, pulses, oilseed and vegetable fields. Strengthen field bunds and postpone irrigation, fertilizer and plant protection operations until field conditions become suitable.
- ❖ In **Assam**, maintain continuous and effective drainage of excess rainwater from sugarcane, soybean, pigeon pea, jute, sesame fields and fruit orchards to prevent prolonged waterlogging. Harvest mature crops wherever field conditions permit.
- ❖ In **Meghalaya**, maintain effective drainage in rice nursery beds and fields of maize, cowpea, okra and ginger. Strengthen nursery bunds and field channels to prevent runoff, seedling washout and waterlogging.
- ❖ In **Chhattisgarh**, maintain continuous drainage in rice nurseries and standing fields of maize, soybean, pigeon pea and minor millets to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- ❖ In **Arunachal Pradesh**, ensure continuous drainage of excess rainwater from rice, maize, soybean and finger millet fields to prevent prolonged waterlogging.
- ❖ In **Nagaland, Manipur, Mizoram and Tripura** ensure continuous and effective drainage and remove any accumulated rainwater from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging.
- ❖ In **Sikkim**, ensure proper drainage in rice nurseries and standing crop fields to prevent waterlogging.
- ❖ In **West Bengal**, ensure continuous and effective drainage in rice nurseries, jute, ginger and vegetable fields to prevent prolonged waterlogging. Inspect and strengthen bunds around rice nurseries and harvest mature tea leaves and vegetables wherever field conditions permit.
- ❖ In **Jharkhand**, ensure proper drainage in standing crop fields to prevent waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- ❖ In **Bihar**, ensure continuous drainage in rice, maize, sesame and pigeon pea fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- ❖ In **Uttarakhand**, postpone sowing of groundnut, soybean and maize. Ensure proper drainage in rice, tomato and chilli fields to prevent waterlogging. Harvest mature tomato only during rain-free periods and continue rice transplanting wherever field conditions permit.
- ❖ In **Himachal Pradesh**, ensure proper drainage in maize, finger millet, cucurbit, tomato and capsicum fields to prevent waterlogging. Harvest mature crops wherever field conditions permit.
- ❖ In **West Uttar Pradesh**, ensure proper drainage in rice, maize, sesame and pigeon pea fields to prevent waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- ❖ In **Tamil Nadu, Coastal Andhra Pradesh and Rayalaseema**, maintain adequate soil moisture in standing crops through light and need-based irrigation to reduce the adverse effects of heat wave and hot & humid conditions.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- ❖ In **Arunachal Pradesh, Assam, Meghalaya, Nagaland, Manipur, Mizoram, Sikkim, West Bengal, West Madhya Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Tamil Nadu, Keralam and Coastal Andhra Pradesh** post-pone fertilizer application and other field activities.
- ❖ In **Telengana and Rayalaseema and Coastal Andhra Pradesh** provide staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.
- ❖ Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.

Livestock / Poultry / Fisheries

- ❖ Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- ❖ Store the feed and fodder in a safe place to prevent spoilage.
- ❖ In regions with high temperatures and heat wave conditions, provide clean, cool drinking water to animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects of heat.
- ❖ Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.