

Press Release: Dated: 23 July 2026

Subject: Current Weather Status and Extended Range Forecast for the next two weeks (23 July to 05 August 2026)

1. Salient Observed Features for the week ending 22 July 2026:

- ❖ Last week's Low Pressure Area over Northwest Bay of Bengal off north Odisha – West Bengal coasts lay as a **Well-Marked Low Pressure Area** over Northwest Bay of Bengal & adjoining north Odisha – West Bengal at 0830 hrs IST of 16th July. It weakened into a Low Pressure Area over north Odisha and adjoining Jharkhand & Gangetic West Bengal in the morning hours of 17th July and became less marked on 18th July. It caused isolated **extremely heavy rainfall** over Odisha on 16th & 17th July, Chhattisgarh on 17th & 18th July.
- ❖ The **Monsoon trough** at mean sea level was north its normal position (particularly western end of the monsoon trough) during 16th – 19th July, near its normal position on 20th & 21st July, and south of its normal position on 22nd July.
- ❖ **Extremely heavy rainfall** also recorded at isolated places over Coastal Karnataka on 17th July, Assam & Meghalaya during 18th – 20th July, Uttarakhand on 20th July.
- ❖ During the past week (16 to 22 July 2026), rainfall was normal over the country as a whole (01% below Long Period Average (LPA)) and over all the homogeneous regions of India except South Peninsula region where it was 26% below Long Period Average. (Annexure I).
- ❖ Cumulatively from 1 June to 22 July 2026, the country as a whole has had rainfall below normal by 19% 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		
	16.07.2026 TO 22.07.2026			01.06.2026 TO 22.07.2026		
	Actual (mm)	Normal (mm)	Departure (%)	Actual (mm)	Normal (mm)	Departure (%)
EAST & NORTHEAST INDIA	88.4	97.9	-10%	433.6	638.1	-32%
NORTHWEST INDIA	54.8	52.1	5%	192.3	220.8	-13%
CENTRAL INDIA	85.7	77.8	10%	358.9	392.8	-9%
SOUTH PENINSULA	35.9	48.6	-26%	225.3	303.9	-26%
THE COUNTRY AS A WHOLE	66.8	67.3	-1%	293.3	361.5	-19%

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 at the same phase, with a decreasing amplitude trend during week 1. During the first half of week 2, it is likely to exhibit rapid movement across phases 1, 2, 3, 4, and 5, with an amplitude less than 1. It is likely to remain in phase 5 during the latter half of week 2, with its amplitude continuing to increase.

3. Forecast for the next two weeks

Weather systems & associated Precipitation during Week 1 (23 to 29 July 2026) and Week 2 (30 July to 05 August 2026)

Weather systems & associated Precipitation during Week 1 (23 to 29 July 2026):

Weather systems during week 1:

- ❖ The western end of the monsoon trough is currently south of its normal position and is likely to propagate northward after two to three days. The eastern end of the monsoon trough is currently north of its normal position and is likely to propagate southward after two to three days. The monsoon trough will shift north of its normal position during the second half of the week.
- ❖ The low-level Somali Jet is likely to be weaker in strength and likely to prevail north of its normal position during the week.
- ❖ The east-west shear zone is likely to prevail around 23 degrees North during the first half of week 1.
- ❖ An anomalous cyclonic circulation in lower tropospheric levels is likely to develop over the northeast Arabian Sea and adjoining Saurashtra coast during the week.
- ❖ Currently, an active Western Disturbance is affecting northwest India, and another active Western Disturbance is likely to affect northwest India during some days of week 1.
- ❖ The Tibetan Anticyclone is likely to remain positioned near its normal position during the week.
- ❖ The Tropical Easterly Jet is likely to be weak over the Bay of Bengal and near normal over the Arabian Sea during the week.

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

- ❖ Above normal rainfall with Fairly Widespread to Widespread activity is likely over western India during the week. Heavy to very heavy rainfall with isolated extremely heavy falls likely over Southeast Rajasthan, Gujarat region, north Konkan, and north Madhya Maharashtra during the next 3 days.
- ❖ Fairly Widespread to Widespread rainfall activity with isolated heavy to very heavy falls likely over most places of the Northeast and many places of East India during many days of the week.
- ❖ Fairly Widespread to Widespread rainfall activity with isolated heavy to very heavy falls likely over most places of the Western Himalayan region during many days of the week.
- ❖ Scattered to Fairly Widespread rainfall activity with isolated heavy likely over some/many places of the plains of Northwest India during the second half of the week.
- ❖ Thunderstorm activity accompanied by lightning and gusty winds is likely over some parts of the country during the week.
- ❖ **Country as a whole, the rainfall is likely to be normal for the next 2 days and below normal during the remaining days of the week.**

- ❖ **Overall, rainfall activity is likely to be normal to above normal over most parts of South Rajasthan, West and Central India, and many parts of East India, and below normal over the remaining parts of the country (Annexure III).**

Weather systems & associated Precipitation during Week 2 (30 July to 05 August 2026):

- ❖ The monsoon trough is likely to shift southwards and 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.
- ❖ The low-level Somali Jet is likely to strengthen and prevail near its normal position during the week.
- ❖ An upper air cyclonic circulation is likely to develop over the north and adjoining west central Bay of Bengal during the week.
- ❖ The Tibetan Anticyclone is likely to shift eastward from its normal position towards the end of the week.
- ❖ The Tropical Easterly Jet is likely to be weak over South Peninsular India during the week.

Under the influence of the above system:

- ❖ Light/moderate fairly widespread to widespread rainfall is likely over most parts of the Western Himalayan region 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 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.
- ❖ **Country as a whole, the rainfall is likely to be normal during the week.**
- ❖ **Overall, rainfall is likely to be near normal to above normal over most parts of South Peninsular India, and many 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 (23 to 29 July 2026) and Week 2 (30 July to 05 August 2026)

Temperature forecast for Week 1 (23 to 29 July 2026, 2026):

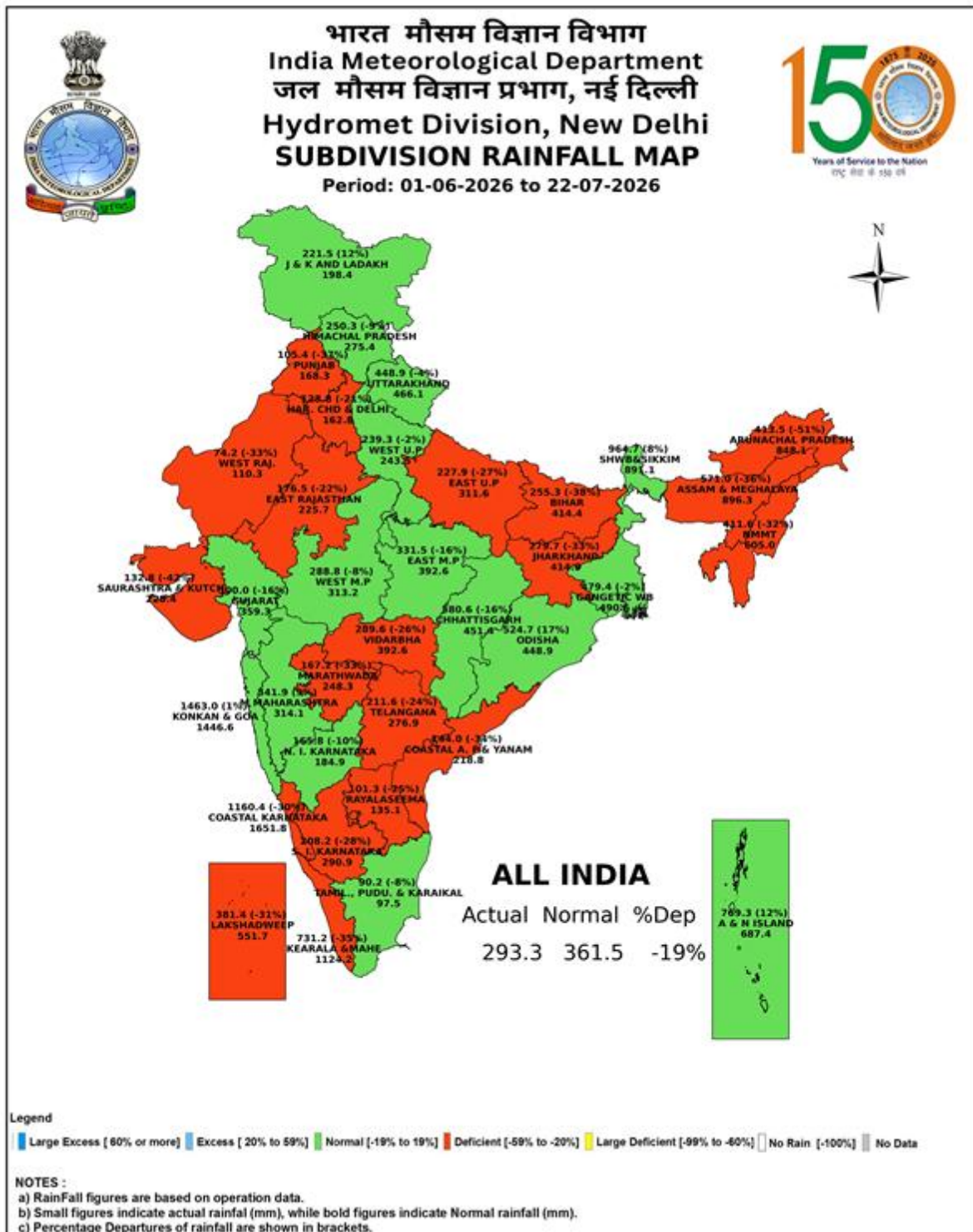
- ❖ Above normal maximum temperatures by 2-4°C are very likely over some parts of Uttar Pradesh and Bihar and over some parts of northeast and south coastal peninsular India during many days of the week (**Annexure IV**).
- ❖ No probability of a heat wave over any part of the country during the week.
- ❖ 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.

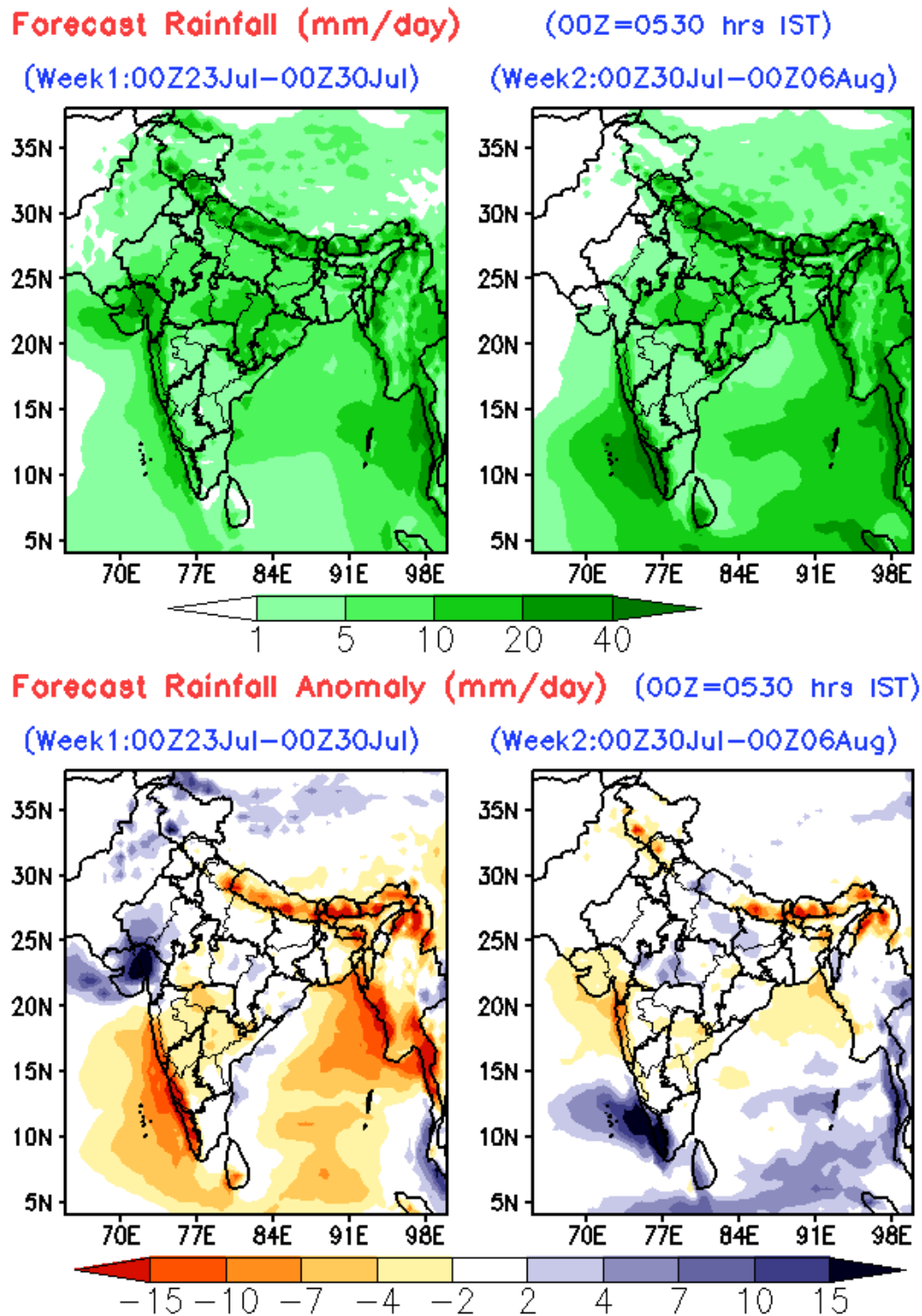
Temperature forecast for Week 2 (30 July to 05 August 2026):

- ❖ Above normal maximum temperatures by 2-4°C are very likely over many parts of the plains of Northwest and East 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.





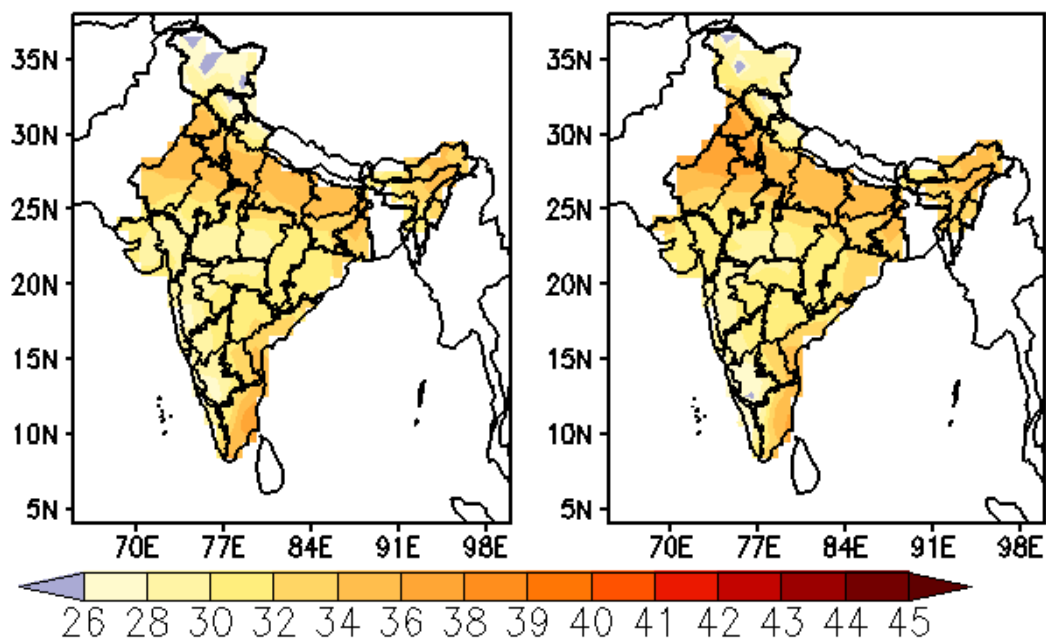


Extended range forecast of weekly distribution of rainfall in mm per day (top panel) and anomalies (lower panel) from IMD MME

MME Bias corrected forecast Tmax (Deg C)

(Week1: 24Jul–30Jul)

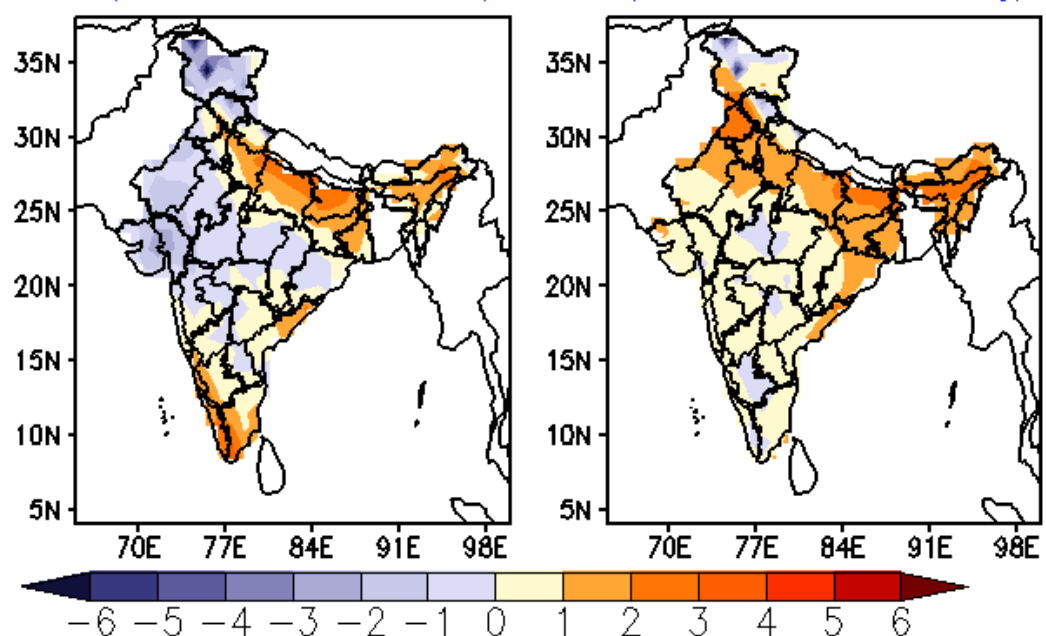
(Week2: 31Jul–06Aug)



MME forecast Tmax anomaly (Deg C)

(Week1: 24Jul–30Jul)

(Week2: 31Jul–06Aug)



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

Impact Expected & Action Suggested due to heavy/very heavy/extremely heavy rainfall

- ❖ **Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Konkan & Goa on 23rd; over East Rajasthan, Madhya Maharashtra and Gujarat Region on 23rd & 24th July.**

Impact Expected

- ❖ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- ❖ Minor damage to kutcha roads.
- ❖ Possibilities of damage to vulnerable structure.
- ❖ Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- ❖ Damage to horticulture and standing crops in some areas due to inundation.
- ❖ It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- ❖ Check for traffic congestion on your route before leaving for your destination.
- ❖ Follow any traffic advisories that are issued in this regard.
- ❖ Avoid going to areas that face the water logging problems often.
- ❖ Avoid staying in vulnerable structure.

Agromet advisories for likely impact of Heavy Rainfall

- ❖ In **Gujarat, Saurashtra & Kutch**, maintain uninterrupted drainage and keep field channels clear in rice, cotton, pearl millet, maize, groundnut and vegetable fields to prevent prolonged waterlogging. Remove excess rainwater from low-lying crop fields and postpone transplanting and all field operations until field conditions improve.
- ❖ In **Konkan & Goa**, maintain uninterrupted drainage in rice nurseries, rice and vegetable fields, and continuously remove excess rainwater from low-lying areas to prevent prolonged waterlogging. Undertake gap filling and transplanting only where field conditions permit.
- ❖ In **Madhya Maharashtra**, maintain uninterrupted drainage in standing crops and continuously remove excess rainwater from crop fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- ❖ In **West Rajasthan**, maintain effective drainage and remove excess rainwater from low-lying pearl millet, maize, cotton and pulse fields to prevent temporary waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- ❖ In **East Rajasthan**, maintain continuous drainage and remove excess rainwater from low-lying soybean, maize, groundnut, cotton and pigeon pea fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.

- ❖ In **West Madhya Pradesh**, maintain effective drainage in soybean, maize, black gram, green gram, sesame and vegetable fields to prevent waterlogging. Postpone sowing, irrigation, fertilizer and plant protection operations until field conditions improve.
- ❖ In **Coastal Karnataka**, keep field drainage channels clear and maintain continuous drainage in paddy fields, orchards and vegetable fields to prevent prolonged waterlogging. Postpone field operations until field conditions become suitable.
- ❖ In **Himachal Pradesh**, maintain continuous drainage in rice, maize, finger millet, tomato, brinjal, capsicum, chilli and cucumber fields and apple and pear orchards for quick removal of excess rainwater. Harvest mature fruits wherever field conditions permit.
- ❖ In **Assam**, keep field drainage channels clear and maintain continuous drainage in rice nurseries, jute, sugarcane, soybean, pigeon pea, sesame and vegetable fields to prevent prolonged waterlogging. Provide staking or support to banana, vegetables and other vulnerable crops against strong winds.
- ❖ In **Meghalaya**, maintain continuous drainage in rice nurseries and fields of maize, cowpea, okra and ginger to prevent prolonged waterlogging. Strengthen nursery bunds and keep drainage channels free from obstruction.
- ❖ 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 **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.
- ❖ In **Bihar**, ensure continuous drainage in rice, maize, sesame and pigeon pea fields to prevent prolonged waterlogging.
- ❖ In **Uttarakhand**, maintain effective drainage in rice, black gram, barnyard millet, finger millet, tomato and chilli fields to prevent prolonged waterlogging. Harvest mature tomato, French bean and potato wherever field conditions permit, and postpone sowing until field conditions improve.
- ❖ In Punjab and Haryana, maintain effective drainage in rice, maize, soybean, pigeon pea and groundnut fields and fruit orchards to prevent waterlogging. Postpone sowing of green gram until field conditions improve.
- ❖ In **Arunachal Pradesh**, maintain continuous drainage in rice, maize, soybean and finger millet fields, orchards and low-lying areas to prevent prolonged waterlogging. Harvest mature crops wherever field conditions permit.
- ❖ In **Jammu and Kashmir**, postpone sowing of kharif pulses until field conditions improve. Maintain effective drainage in rice, maize, green gram and black gram fields to prevent waterlogging.
- ❖ In **East Rajasthan**, maintain continuous drainage and remove excess rainwater from low-lying soybean, maize, groundnut, cotton and pigeon pea fields to prevent prolonged waterlogging. Postpone irrigation, fertilizer and plant protection operations until field conditions improve.
- ❖ In **Madhya Pradesh**, maintain effective drainage in soybean, maize, black gram, green gram, sesame and vegetable fields to prevent waterlogging.
- ❖ In **Karnataka**, keep field drainage channels clear and maintain continuous drainage in paddy fields, orchards and vegetable fields to prevent prolonged waterlogging. Postpone field operations until field conditions become suitable.

- ❖ In **Keralam**, maintain effective drainage in banana, coconut, cardamom, ginger, black pepper and vegetable fields to prevent waterlogging.

Agromet advisories for likely impact of Thunderstorm / Gusty 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.
- ❖ Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong 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.