



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 21<sup>st</sup> May 2026

Time of Issue: 1500 hours IST

**Subject: (i) Heat wave to severe heat wave conditions likely to continue to prevail over plains of northwest & central India and adjoining East India during the week.  
(ii) Isolated heavy to very rainfall likely over Sub-Himalayan West Bengal & Sikkim, and over northeast & adjoining east India during many days of the week.**

**Advance of Southwest Monsoon 2026 (Annexure I):**

- ❖ **The Northern Limit of Monsoon** continues to pass through 6°N/70°E, 6°N/75°E, 7°N/80°E, 9°N/85°E, 12°N/90°E, 14°N/93°E, 16°N/96°E and 17.5°N/98°E.
- ❖ Conditions are favourable for further advance of southwest monsoon into some more parts of southeast Arabian Sea, Comorin Area, southwest and southeast Bay of Bengal, remaining parts of Andaman Sea, and some more parts of eastcentral Bay of Bengal during next 3-4 days.

**Realised weather during past 24 hours ending at 0830 hours IST of today, the 21<sup>st</sup> May, 2026:**

- ❖ **Heavy to very heavy rainfall (11-20 cm)** has been recorded at isolated places over Bihar.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over **Sub-Himalayan West Bengal & Sikkim.**
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 80-100 kmph** over North Interior Karnataka, Coastal Andhra Pradesh & Yanam; **with speed reaching 50-75 kmph** over Tamil Nadu, Puducherry & Karaikal, Odisha, Sub-Himalayan West Bengal & Sikkim, Gangetic West Bengal and **with speed reaching 40-50 kmph** prevailed at isolated places over Andaman & Nicobar Islands, Uttarakhand, West Madhya Pradesh, Madhya Maharashtra, Jharkhand, Punjab, Haryana, West Uttar Pradesh.
- ❖ **Heat wave to severe heat wave conditions** prevailed in many pockets of Haryana-Chandigarh-Delhi, Jammu & Kashmir, Himachal Pradesh and adjoining Uttarakhand, Vidarbha; at a few places over of East Uttar Pradesh and East Madhya Pradesh; heat wave conditions in many pockets of Punjab; in few pockets of, West Uttar Pradesh; in isolated pockets of Chhattisgarh, Odisha and West Madhya Pradesh.

**Temperature Conditions during past 24 hours till 0830 hours IST of today:**

- ❖ **Day Temperatures/Maximum Temperatures (as on 20-05-2026):** Yesterday, Maximum temperatures are in the range of 40-47°C over northwest, West, Central adjoining East & north Peninsular India. **The highest maximum temperature of 48.0°C was reported at BANDA (UTTAR PRADESH).**
- ❖ **Day Temperatures/Maximum Temperature Departures (as on 20-05-2026):** Yesterday, Maximum temperatures are **markedly above normal (> 5.1°C)** at few places over Arunachal Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, East Madhya Pradesh and Coastal Andhra Pradesh & Yanam; at isolated places over Assam & Meghalaya, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal (3.1°C to 5.0°C)** at few places over Vidarbha; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, Jharkhand, West Rajasthan, East Rajasthan, Gujarat Region, Saurashtra & Kutch, Konkan & Goa and Telangana. **above normal (1.6°C to 3.0°C)** at most places over Chhattisgarh; at few places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal and Rayalaseema; at isolated places over Andaman & Nicobar Islands, Bihar, Madhya Maharashtra, Marathwada and North Interior Karnataka. **near normal (-1.5°C to 1.5°C)** at many places over South Interior Karnataka and Kerala & Mahe; at most places over Coastal Karnataka and Lakshadweep.
- ❖ **Night Temperatures/Minimum temperatures (as on 21-05-2026)** were **appreciably above normal (3.1°C to 5.0°C)** at a few places over Odisha; at isolated places over Vidarbha; Himachal Pradesh ;Jammu-Kashmir; Bihar; East Rajasthan; Uttar Pradesh **above normal (1.6°C to 3.0°C)** at many places over Northwest India & Northeast India, Madhya Pradesh, Bihar ,Chhattisgarh , West Bengal, Odisha , Marathawada ,Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana , Rayalaseema and below normal or near normal over rest parts of the country.

### Weather Systems, Forecast and Warnings (Annexure II & III):

- ❖ The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis roughly along Long. 62°E to the north of Lat. 28°N.
- ❖ An **upper air cyclonic circulation** lies over Punjab & neighbourhood in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over East Uttar Pradesh & neighbourhood in lower tropospheric levels.
- ❖ An east-west **trough** runs from Northwest Uttar Pradesh to Manipur in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** over coastal Bangladesh & neighbourhood in lower tropospheric level.
- ❖ A **trough** runs from East Uttar Pradesh to south coastal Odisha in lower tropospheric levels.
- ❖ A **trough** in westerlies now runs roughly along Long. 89°E to the north of Lat. 20°N in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over south coastal Odisha and neighbourhood in lower tropospheric levels.
- ❖ A **trough runs** from central Bay of Bengal to Tamil Nadu in lower tropospheric levels
- ❖ An **upper air cyclonic circulation** lies over north Haryana & neighbourhood in lower tropospheric levels.

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

#### Northeast India:

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Assam & Meghalaya during 23<sup>rd</sup> - 25<sup>th</sup> May.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh, Assam & Meghalaya on 22<sup>nd</sup>, 26<sup>th</sup> & 27<sup>th</sup>; Tripura on 21<sup>st</sup> and Nagaland, Manipur, Mizoram & Tripura during 23<sup>rd</sup> - 25<sup>th</sup> May; with **isolated very heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya on 21<sup>st</sup> and during 23<sup>rd</sup> -25<sup>th</sup> May.
- ❖ **Thunderstorm with light to moderate lightning** likely over Arunachal Pradesh on 21<sup>st</sup> & 22<sup>nd</sup>; Nagaland, Manipur, Mizoram & Tripura during 22<sup>nd</sup> - 25<sup>th</sup> May.

#### South Peninsular India:

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 21<sup>st</sup>- 26<sup>th</sup>, Kerala & Mahe, Lakshadweep on 21<sup>st</sup> - 25<sup>th</sup>; Rayalaseema, Interior Karnataka, on 21<sup>st</sup>; Telangana on 21<sup>st</sup> & 22<sup>nd</sup> May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam during 21<sup>st</sup>- 25<sup>th</sup>, Rayalaseema, Interior Karnataka during 22<sup>nd</sup> -25<sup>th</sup> May.
- ❖ **Isolated Heavy rainfall** also likely over Tamil Nadu during 21<sup>st</sup> -27<sup>th</sup>; Kerala & Mahe on 21<sup>st</sup> and during 24<sup>th</sup> - 27<sup>th</sup>; South Interior Karnataka during 22<sup>nd</sup> - 25<sup>th</sup> May.

#### East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Andaman & Nicobar Islands during 21<sup>st</sup> -27<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim during 21<sup>st</sup> -24<sup>rd</sup> May.
- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Gangetic West Bengal on 23<sup>rd</sup>, 26<sup>th</sup> & 27<sup>th</sup>; Bihar on 22<sup>nd</sup> and during 24<sup>th</sup>-27<sup>th</sup>; Jharkhand, Odisha during 21<sup>st</sup> -27<sup>th</sup> May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal on 21<sup>st</sup> & 22<sup>nd</sup>; Bihar on 21<sup>st</sup> & 23<sup>rd</sup>; Jharkhand on 23<sup>rd</sup> & 24<sup>th</sup>; Odisha on 21<sup>st</sup> May.
- ❖ **Isolated heavy rainfall** likely over Bihar on 21<sup>st</sup> & 24<sup>th</sup>; Andaman & Nicobar Islands on 21<sup>st</sup> & 22<sup>nd</sup>; Sub-Himalayan West Bengal & Sikkim during 25<sup>th</sup> - 27<sup>th</sup> May; **with very heavy rainfall** at a few places over Sub-Himalayan West Bengal & Sikkim on 23<sup>rd</sup> May; **with isolated very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 21<sup>st</sup>, 22<sup>nd</sup> & 24<sup>th</sup> May.

#### Central India

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Chhattisgarh on 21<sup>st</sup> May.

#### Northwest India:

- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir during 23<sup>rd</sup>; Himachal Pradesh on 22<sup>nd</sup>; Uttarakhand on 22<sup>nd</sup> & 23<sup>rd</sup> May.

- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Punjab on 21<sup>st</sup> & 22<sup>nd</sup>; West Rajasthan on 22<sup>nd</sup> May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir on 21<sup>st</sup> & 22<sup>nd</sup> May.
- ❖ **Hailstorm activity likely** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh on 21<sup>st</sup> & 22<sup>nd</sup>; Himachal Pradesh on 22<sup>nd</sup> May.
- ❖ **Dust storm activity likely** at isolated places over Punjab on 21<sup>st</sup> & 22<sup>nd</sup>; West Rajasthan on 22<sup>nd</sup> May.

#### West India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Madhya Maharashtra on 21<sup>st</sup> May.

#### Forecast of maximum/day temperatures:

- ❖ No significant change in maximum temperatures likely over the whole country till 27<sup>th</sup> May 2026.

#### Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- ❖ **Heat wave to severe heat wave conditions** very likely in many/some pockets over Haryana Chandigarh & Delhi during 21<sup>st</sup> – 27<sup>th</sup> May; with **Heat wave conditions over** Punjab during 21<sup>st</sup> – 27<sup>th</sup> May.
- ❖ **Heat wave to severe heat wave conditions** in a few/isolated pockets over East Uttar Pradesh during 21<sup>st</sup> – 27<sup>th</sup>; West Rajasthan during 25<sup>th</sup> – 27<sup>th</sup> May; with **Heat wave conditions over** West Uttar Pradesh during 21<sup>st</sup> – 27<sup>th</sup> May.
- ❖ **Heat wave to severe heat wave conditions** very likely in isolated/some pockets over East Madhya Pradesh, Vidarbha, Coastal Andhra Pradesh & Yanam during 21<sup>st</sup> – 25<sup>th</sup>; **Heat wave conditions** in isolated pockets over East Madhya Pradesh on 26<sup>th</sup> & 27<sup>th</sup>, West Rajasthan during 21<sup>st</sup> – 24<sup>th</sup>; East Rajasthan during 21<sup>st</sup> – 27<sup>th</sup>; Tamil Nadu, Puducherry & Karaikal on 21<sup>st</sup> & 22<sup>nd</sup>; Bihar, Telangana during 21<sup>st</sup> – 24<sup>th</sup>; Jharkhand on 22<sup>nd</sup> & 23<sup>rd</sup>; Odisha during 21<sup>st</sup> – 25<sup>th</sup> May.
- ❖ **Heat wave conditions** very likely in isolated pockets over Himachal Pradesh, Uttarakhand on 21<sup>st</sup> May.
- ❖ **Warm Night conditions** very likely to prevail in isolated pockets over Odisha during 21<sup>st</sup> – 25<sup>th</sup>; Uttar Pradesh, Vidarbha during 21<sup>st</sup> -23<sup>rd</sup>; Bihar on 21<sup>st</sup>; Haryana Chandigarh & Delhi on 21<sup>st</sup> & 22<sup>nd</sup> May.
- ❖ **Hot and humid weather conditions** likely to prevail over Gangetic West Bengal during 21<sup>st</sup> -26<sup>th</sup>; Odisha 21<sup>st</sup> – 27<sup>th</sup> Tamil Nadu, Puducherry & Karaikal during 23<sup>rd</sup> – 27<sup>th</sup> May.

#### Fisherman Warning:

Fishermen are advised not to venture into the following areas:

##### Bay of Bengal:

- ❖ Over Gulf of Mannar, adjoining Comorin area, some parts of southwest Bay of Bengal, many parts of southeast Bay of Bengal on 21<sup>st</sup> May; over Gulf of Mannar, adjoining Comorin area, many parts of southwest Bay of Bengal, most parts of southeast Bay of Bengal on 22<sup>nd</sup> May; over Gulf of Mannar, adjoining Comorin area, some parts of southwest Bay of Bengal, many parts of southeast Bay of Bengal on 23<sup>rd</sup> May; over Gulf of Mannar, adjoining Comorin area, some parts of southwest and many parts of southeast Bay of Bengal on 24<sup>th</sup> May; over some parts of southwest and southeast Bay of Bengal on 25<sup>th</sup> May.
- Over Andaman Sea during 21<sup>st</sup> to 23<sup>rd</sup> May.

##### Arabian Sea:

Over Lakshadweep, Maldives and Comorin areas, over many parts of southeast and adjoining some parts of southwest Arabian Sea on 21<sup>st</sup> May;  
Along and off Somalia coast, adjoining some parts of southwest Arabian Sea during 21<sup>st</sup> to 26<sup>th</sup> May.

#### Weather conditions and forecast over Delhi/NCR during 21<sup>st</sup>-24<sup>th</sup> May, 2026 (Annexure IV)

For more details, kindly refer National Weather Bulletin:

[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

#### Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Bihar:** Purnea (14)
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Majhian (11)

**Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):**

- ❖ **Odisha:** Bolangir 72, Janhukuda 52
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Majhian 70
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Natham\_Isro 65, Sivaganga 57, Ariyalur 39, Perambalur 44, Coimbatore 44, Vijayanagaram 44, Kovilpatti 48, Thiruchendur 48.
- ❖ **Gangetic West Bengal:** Nandakumar 52, Kharagpur 50, Jhargram 43
- ❖ **Andaman & Nicobar Islands:** Sri Vijayapuram 47
- ❖ **Uttarakhand:** Mukteshwar 46, Kosiyakutoli 43, Jollygrant 41, Matella 37, Ranichauri 35, Pantnagar 33, Ranikhet 31, Jeolikot 31
- ❖ **West Madhya Pradesh:** Ashoknagar 44
- ❖ **Madhya Maharashtra:** Shahada Nandurbar 43, Sangli 37
- ❖ **Jharkhand:** Ranchi, Netarhat 41
- ❖ **Punjab:** Hoshiarpur 41
- ❖ **Haryana:** Jind 41
- ❖ **West Uttar Pradesh:** Gb Nagaraws41, Jalaunaws35, Hindoniaf37
- ❖ **East Madhya Pradesh:** Sagar 39
- ❖ **Vidarbha:** wardha39
- ❖ **Marathwada:** Ambejogai Beed 37, Dharashiv 31
- ❖ **Konkan & Goa:** Karjat Raigad 35, Dapoliratnagiri 28
- ❖ **Chhattisgarh:** Mungeli 31

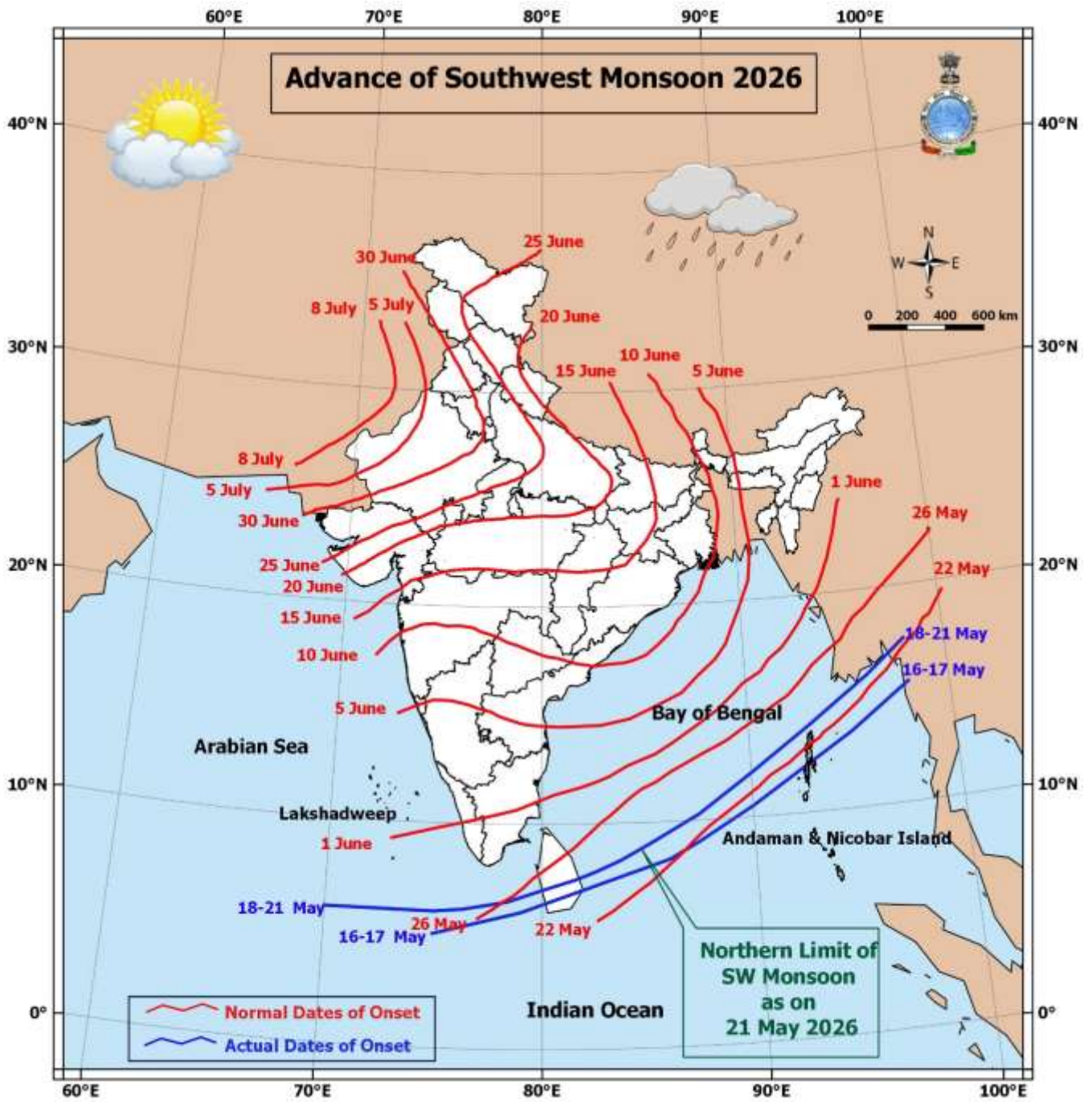
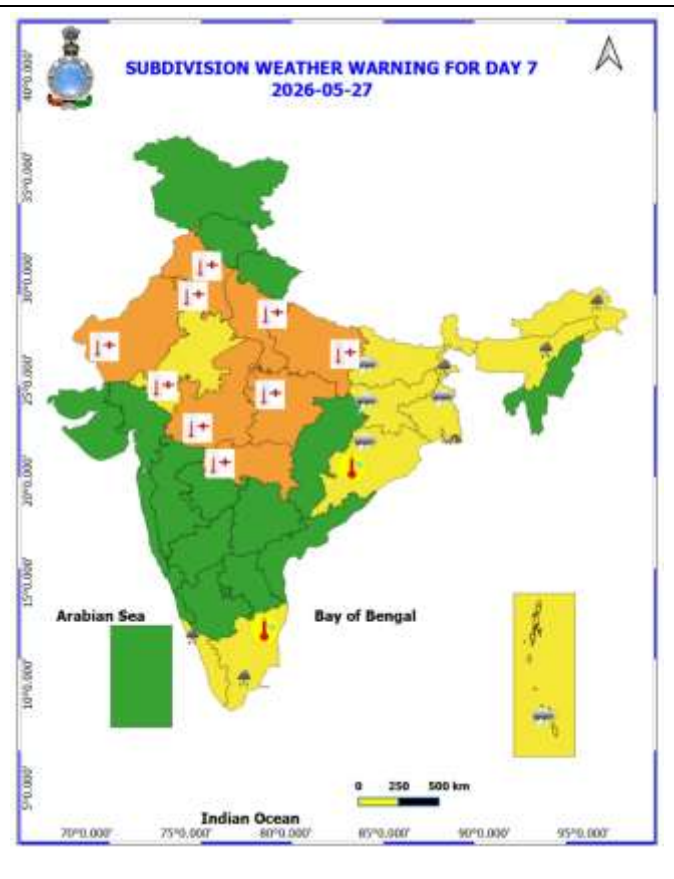
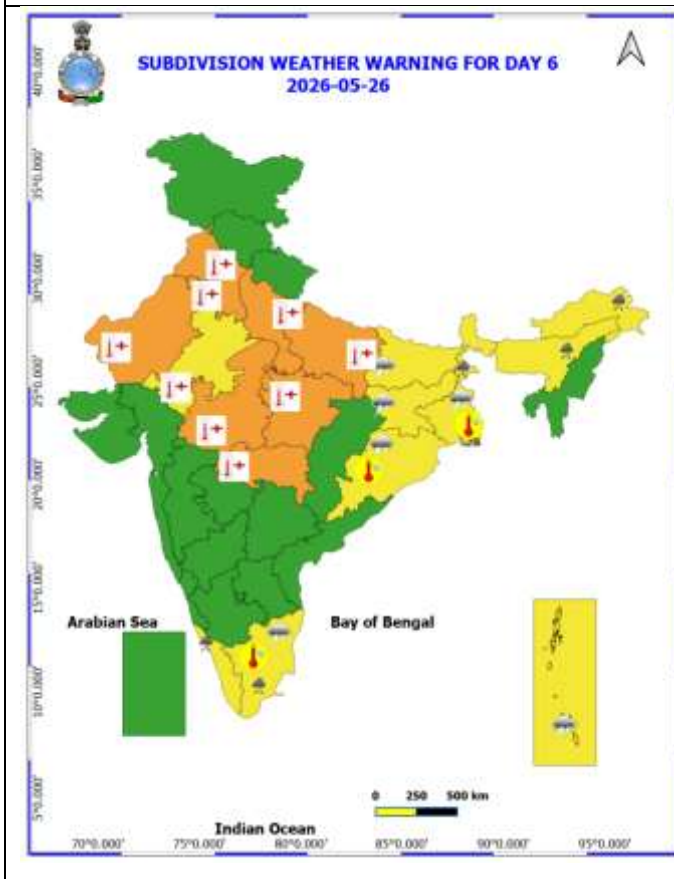
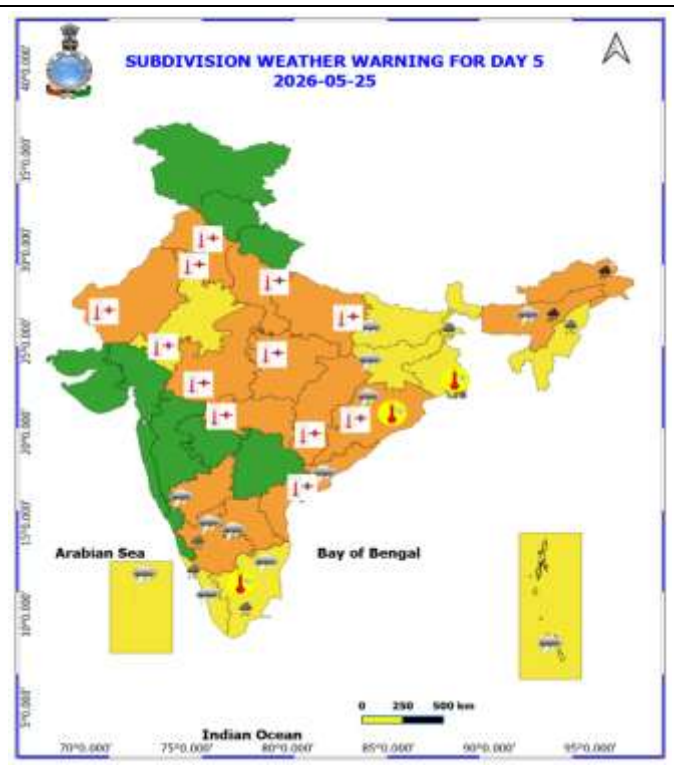
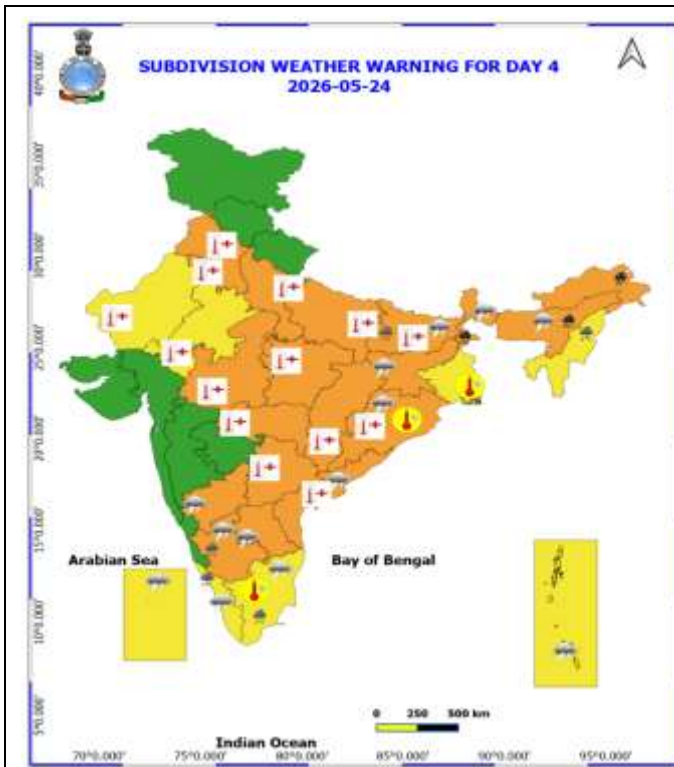


Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	21- May	22- May	23- May	24- May	25- May	26- May	27- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	WS	WS
2	ARUNACHAL PRADESH	FWS	WS	WS	WS	WS	FWS	FWS
3	ASSAM & MEHGHALAYA	FWS	WS	WS	WS	WS	FWS	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	SCT	SCT	FWS	FWS	FWS	FWS	FWS
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
7	ODISHA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
9	BIHAR	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	ISOL	SCT	SCT	ISOL	ISOL	ISOL	DRY
16	JAMMU AND KASHMIR AND LADAKH	FWS	FWS	SCT	SCT	ISOL	DRY	DRY
17	WEST RAJASTHAN	DRY	ISOL	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJRAT REGION	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
25	MARATHWADA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	DRY	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	SCT	SCT	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	SCT	ISOL	ISOL	SCT	SCT	SCT	SCT
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	SCT	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	SCT	SCT	SCT	SCT	SCT
35	KERALA AND MAHE	WS	FWS	FWS	FWS	FWS	FWS	FWS
36	LAKSHADWEEP	WS	FWS	FWS	FWS	FWS	FWS	FWS

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Detailed district-wise Multi-Hazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

**Weather forecast over Delhi/NCR during 21<sup>th</sup> May to 24<sup>nd</sup> May 2026****Past Weather:**

There has been a slight fall in maximum temperatures by 1°C and rise in minimum temperature by 2-4°C during past 24 hours over Delhi. The maximum temperatures were in the range of 45-46°C and the minimum temperatures are in the range 27-32°C respectively during past 24 hours over Delhi. The minimum temperatures are markedly above normal (5.1°C or more) at isolated places, appreciably above normal (3.1°C to 5.0°C) at remaining parts of Delhi. The maximum temperatures were markedly above normal (5.1°C or more) at isolated places, appreciably above normal (3.1°C to 5.0°C) at many places and above normal (1.6°C to 3.0°C) over remaining parts of Delhi. Mainly clear sky with surface wind speeds up to 22 kmph from southwest direction over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 25 kmph gusting to 45 kmph likely to prevailed from west direction over the region in the forenoon today.

**Weather Forecast:**

**21.05.2026:** Mainly clear sky. Heat wave conditions at many places with warm night at isolated places. Sustained strong surface winds speed reaching 20-30 kmph occasionally gusting to 45 kmph during the day. The maximum temperatures over Delhi are likely to be in the range of 44°C to 46°C. The maximum temperatures will be markedly above normal (above 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the west direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will increase becoming up to 25 kmph from the west direction during evening and night.

**22.05.2026:** Mainly clear sky. Heat wave conditions at a few places with warm night at isolated places. Sustained strong surface winds speed reaching 20-30 kmph occasionally gusting to 45 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 44°C to 46°C and 30°C to 32°C respectively. The minimum temperature will be appreciably above normal (3.1°C to 5.0°C) at most places, and maximum temperatures will be appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from west direction with surface wind speed reaching up to 25 kmph during the morning hours. The wind speed will decrease becoming up to 22 kmph from southwest direction during the afternoon. The wind speed will decrease becoming up to 20 kmph from the west direction during evening and night.

**23.05.2026:** Mainly clear sky. Heat wave conditions at a few places. Sustained strong surface winds speed reaching 20-30 kmph occasionally gusting to 45 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 44°C to 46°C and 30°C to 32°C respectively. The minimum temperature will be appreciably above normal (3.1°C to 5.0°C) at most places, and maximum temperatures will be appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the west direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will increase becoming up to 22 kmph from southwest direction during the afternoon. The wind speed will decrease becoming up to 20 kmph from the northwest direction during evening and night.

**24.05.2026:** Mainly clear sky. Heat wave conditions at a few places. Sustained strong surface winds speed reaching 20-30 kmph occasionally gusting to 45 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 44°C to 46°C and 29°C to 31°C respectively. The minimum temperature will be appreciably above normal (3.1°C to 5.0°C) at most places, and maximum temperatures will be appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will increase becoming up to 25 kmph from northwest direction during the afternoon. The surface wind speed will decrease becoming up to 15 kmph from the west direction during evening and night.

**Impact expected and action suggested due to heat wave conditions:**

- **Warning:** Heat wave conditions are expected; however, temperatures are likely to remain above normal. There may be moderate health risks, particularly for vulnerable groups such as infants, the elderly, and individuals with chronic illnesses.
- **Advisory:** Avoid prolonged exposure to heat. Wear lightweight, light-colored, and loose cotton clothing. Cover your head using a cloth, hat, or umbrella when outdoors.

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

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam during 21<sup>st</sup>- 25<sup>th</sup>, Rayalaseema, Interior Karnataka during 22<sup>nd</sup> -25<sup>th</sup>; Gangetic West Bengal on 21<sup>st</sup> & 22<sup>nd</sup>; Bihar on 21<sup>st</sup> & 23<sup>rd</sup>; Jharkhand on 23<sup>rd</sup> & 24<sup>th</sup>; Jammu-Kashmir on 21<sup>st</sup> & 22<sup>nd</sup>; Odisha on 21<sup>st</sup> May.

### 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 & Action Suggested due to heavy/very heavy rainfall over

- ❖ **Isolated heavy rainfall** likely over Bihar on 21<sup>st</sup> & 24<sup>th</sup> Arunachal Pradesh, Assam & Meghalaya on 22<sup>nd</sup>, 26<sup>th</sup> & 27<sup>th</sup>; Tripura on 21<sup>st</sup> and Nagaland, Manipur, Mizoram & Tripura during 23<sup>rd</sup> – 25<sup>th</sup> May Tamil Nadu during 21<sup>st</sup> -27<sup>th</sup>; Kerala & Mahe on 21<sup>st</sup> and during 24<sup>th</sup> – 27<sup>th</sup>; South Interior Karnataka during 22<sup>nd</sup> – 25<sup>th</sup> Andaman & Nicobar Islands on 21<sup>st</sup> & 22<sup>nd</sup>; Sub-Himalayan West Bengal & Sikkim during 25<sup>th</sup> – 27<sup>th</sup>; Bihar on 21<sup>st</sup> ; **with very heavy rainfall** at a few places over Sub-Himalayan West Bengal & Sikkim on 23<sup>rd</sup> May ;with **isolated very heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya on 21<sup>st</sup> and during 23<sup>rd</sup> -25<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim on 21<sup>st</sup>, 22<sup>nd</sup> & 24<sup>th</sup> May.

### 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.

### **Impact expected and action suggested due to Heat wave/ severe heat wave conditions:**

- ❖ Heat wave to severe heat wave conditions likely to continue to prevail over plains of northwest & central India and adjoining East India during the week.

#### **Red alert Areas**

- Very high likelihood of developing heat illness and heat stroke in all ages.
- Extreme care needed for vulnerable people.

#### **Orange 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.

#### **Yellow alert Areas**

- Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.
- Cover your head, use a cloth, hat or umbrella.

#### **Agromet advisories for likely impact of Hailstorms**

- In **Jammu & Kashmir, Himachal Pradesh and Bihar**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

#### **Agromet advisories for likely impact of Heavy Rainfall**

- In **Andaman & Nicobar Islands**, ensure proper drainage in coconut gardens and avoid water stagnation around basins.
- In **West Bengal and Sikkim** complete harvesting of rice, maize, mustard and potato. Maintain proper drainage in standing crops.
- In **Assam and Meghalaya**, make necessary arrangements to remove excess rainwater from the crop fields.
- In **Tripura**, postpone the harvesting of mature *boro* rice and shift the already harvested produce to a safe and dry place for storage.
- In **Keralam**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in black gram, green gram, sugarcane, and vegetable plantations.
- In **South Interior Karnataka**, ensure proper drainage in paddy fields, arecanut and mango orchards.

#### **Agromet advisories for likely impact of High temperatures/ Heat Waves**

- In **Uttarakhand**: Provide irrigation to sunflower, fodder maize, tomato, brinjal, etc.
- In **Punjab**, apply light and frequent irrigation to vegetable, moong fruit plants orchards and onion nurseries.
- In **Haryana**, maintain adequate irrigation in standing sugarcane, cotton and summer fodder crops. Complete paddy nursery preparation with assured irrigation facilities and adopt mulching/moisture conservation practices to reduce water stress in newly sown crops
- In **Uttar Pradesh**, provide frequent irrigation and mulching for standing crops such as maize, green gram, black gram, sugarcane, sunflower, vegetables, and fruit plants such as mango, banana, and papaya.
- In **Rajasthan**, apply need-based irrigation to green gram and summer cucurbit crops such as bottle gourd, pumpkin, ridge gourd, cucumber, bitter melon, and summer ladyfinger, as well as to young fruit plants such

as mango, amla, pomegranate, wood apple, and plum. Undertake soil mulching/mulching with straw/polythene to reduce water loss by evaporation.

- In **Bihar** - Apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.
- In **Odisha** - Provide light irrigation to *Boro* paddy, summer maize, green gram, black gram, groundnut, and vegetable fields. Ensure adequate soil moisture is maintained in mango and cashew crops.
- In **Madhya Pradesh**, apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- In **Chhattisgarh** - Apply light irrigation after weeding and hoeing in *rabi* maize, banana, and papaya plantations. Complete harvesting of wheat and chickpea, and ensure safe storage.
- In **Vidarbha**, provide light and frequent irrigation to vegetables and orchards during morning or evening hours, with increased frequency during critical growth stages. Irrigate sugarcane, summer groundnut, vegetables, and orchards as required; use organic or straw mulch in vegetables and orchards; cover banana bunches with leaves; and use shade nets in newly planted banana plantations.
- In **Telangana** - Provide irrigation to mango orchards and vegetable crops, as required.
- In **Coastal Andhra Pradesh** regions experiencing hot and humid conditions, apply light irrigation to summer crops and vegetables to maintain soil moisture.
- Apply mulching to conserve soil moisture in the standing crops.

#### **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 hailstorms/ heavy rainfall and provide them with balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.
- In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.
- Coastal states (especially Tamil Nadu and Kerala), fishermen are advised not to venture into sea.

#### **Legends & abbreviations:**

- ❖ **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
  - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
  - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
  - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
  - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
  - **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
  - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

## LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और माहे
36. लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidarbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

## SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)

- |                      |                      |              |
|----------------------|----------------------|--------------|
| Fog                  | Heavy Snow           | Cold Wave    |
| Heavy Rain           | Dust Storm           | Cold Day     |
| Very Heavy Rain      | Heat Wave            | Ground Frost |
| Extremely Heavy Rain | Warm Night           |              |
| Thunder & Lightning  | Hot Day              |              |
| Hailstorm            | Hot & Humid          |              |
| Dust Raising Winds   | Strong Surface Winds |              |

### COLOUR CODED WARNING

No Warning (No Action)
Watch (Be Aware)
Alert (Be Prepared To Take Action)
Warning (Take Action)

### Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

\* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".  
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.  
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599  
(Service to the Nation since 1875)

### DEFINITION/CRITERIA

<b>Rain/ Snow *</b>	<p><b>Heavy:</b> 64.5 to 115.5 mm/cm *</p> <p><b>Very Heavy:</b> 115.6 to 204.4 mm/cm*</p> <p><b>Extremely Heavy:</b> &gt; 204.4 mm/cm *</p>
<b>Heat Wave</b>	<p>When maximum temperature of a station reaches <math>\geq 40^{\circ}\text{C}</math> for plains and <math>\geq 30^{\circ}\text{C}</math> for hilly regions</p> <p><b>(a) Based on Departure from normal</b></p> <p><b>Heat Wave:</b> Maximum Temperature Departure from normal <math>4.5^{\circ}\text{C}</math> to <math>6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Heat Wave:</b> Maximum Temperature Departure from normal <math>\geq 6.5^{\circ}\text{C}</math></p> <p><b>(b). Based on Actual maximum temperature</b></p> <p><b>Heat Wave:</b> When actual maximum temperature <math>\geq 45^{\circ}\text{C}</math>.</p> <p><b>Severe Heat Wave:</b> When actual maximum temperature <math>\geq 47^{\circ}\text{C}</math></p> <p><b>( c). Criteria for heat wave for coastal stations</b></p> <p>When maximum temperature departure is <math>&gt;4.5^{\circ}\text{C}</math> from normal. Heat Wave may be described provided maximum temperature <math>\geq 37^{\circ}\text{C}</math></p>
<b>Warm Night</b>	<p><b>When maximum temperature remains <math>40^{\circ}\text{C}</math></b></p> <p><b>Warm Night:</b> When minimum temperature departure <math>4.5^{\circ}\text{C}</math> to <math>6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Warm Night:</b> When minimum temperature departure <math>&gt;6.4^{\circ}\text{C}</math>.</p>
<b>Cold Wave</b>	<p>When minimum temperature of a station <math>\leq 10^{\circ}\text{C}</math> for plains and <math>\leq 0^{\circ}\text{C}</math> for hilly regions.</p> <p><b>(a). Based on departure</b></p> <p><b>Cold Wave:</b> Minimum Temperature Departure from normal <math>-4.5^{\circ}\text{C}</math> to <math>-6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Cold Wave:</b> Minimum Temperature Departure from normal <math>\leq -6.5^{\circ}\text{C}</math></p> <p><b>(b) Based on actual Minimum Temperature (for Plains only)</b></p> <p><b>Cold Wave :</b> When Minimum Temperature is <math>\leq 4.0^{\circ}\text{C}</math></p> <p><b>Severe Cold Wave:</b> When Minimum Temperature is <math>\leq 2.0^{\circ}\text{C}</math></p> <p><b>( c) For Coastal Stations</b></p> <p>When Minimum Temperature departure is <math>\leq -4.5^{\circ}\text{C}</math> &amp; actual Minimum Temperature is <math>\leq 15^{\circ}\text{C}</math></p>
<b>Cold Day</b>	<p>When minimum temperature of a station <math>\leq 10^{\circ}\text{C}</math> for plains and <math>\leq 0^{\circ}\text{C}</math> for hilly regions</p> <p><b>Based on departure</b></p> <p><b>Cold Day:</b> Maximum Temperature Departure from normal <math>-4.5^{\circ}\text{C}</math> to <math>-6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Cold Day:</b> Maximum Temperature Departure from normal <math>\leq -6.5^{\circ}\text{C}</math></p>
<b>Fog</b>	<p><b>Phenomenon of small droplets suspended in air and the horizontal visibility <math>&lt; 1\text{km}</math></b></p> <p><b>Moderate Fog:</b> When the visibility between 500-200 metres</p> <p><b>Dense Fog:</b> when the visibility between 50- 200 metres</p> <p><b>Very Dense Fog:</b> when the visibility <math>&lt; 50</math> metres</p>
<b>Thunderstorm</b>	<p>Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)</p>
<b>Dust/Sand Storm</b>	<p>An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.</p>
<b>Frost</b>	<p><b>Ice deposits on ground</b></p> <p>Air temperature <math>\leq 4^{\circ}\text{C}</math> ( over Plains)</p>
<b>Squall</b>	<p><b>A strong wind that rises suddenly, lasts for atleast 1 minute.</b></p> <p><b>Moderate:</b> Wind speed 52-61 kmph</p> <p><b>Severe:</b> Wind speed 62-67 kmph</p> <p><b>Very Severe:</b> Wind speed <math>&gt;67</math> kmph</p>
<b>Sea State</b>	<p><b>Effect of various waves in the sea over specific area</b></p> <p><b>Rough to very rough:</b> Wind speed 41-62 kmph (22-33 knots) &amp; Wave height 2.5-6 metre</p> <p><b>High to very high:</b> Wind speed 63-117 kmph ( 34-63 knots) &amp; Wave height 6-14 metre</p> <p><b>Phenomenal:</b> Wind speed <math>&gt;117</math> kmph (<math>&gt;63</math> knots) &amp; Wave height <math>&gt;14</math> metre</p>
<b>Cyclone</b>	<p><b>Cyclonic Storm:</b> Wind speed 62-87 kmph (34-47 knots)</p> <p><b>Severe Cyclonic Storm:</b> Wind speed 88-117 kmph (48-63 knots)</p> <p><b>Very Severe Cyclonic Storm:</b> Wind speed 118-165 kmph (64 - 89 knots)</p> <p><b>Extremely Severe Cyclonic Storm:</b> Wind speed 166-220 kmph (90 -119 knots)</p> <p><b>Super Cyclone Storm:</b> Wind speed <math>&gt;220</math> kmph (<math>&gt;119</math> knots)</p>

\* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".  
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.  
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599  
(Service to the Nation since 1875)