

2026-05-23

Time of Issue: 14:01:00 hours IST  
(Mid-Day)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Advance of Southwest Monsoon 2026:

- **Southwest monsoon** has further advanced into some parts of southwest Arabian Sea, some more parts of southeast Arabian Sea, Comorin area, southwest, southeast and eastcentral Bay of Bengal and most parts of Andaman Sea today, the 23rd May 2026.
- **The Northern Limit of Monsoon** passes through 7°N/60°E, 7°N/70°E, 7°N/75°E, 8°N/80°E, 10°N/85°E, 13.5°N/90°E, and 17°N/95°E as on 23rd May 2026.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of southwest & southeast Arabian Sea, Comorin Area, southwest, southeast & eastcentral Bay of Bengal and remaining parts of Andaman Sea during next 3-4 days.

#### Weather Forecast & warnings

##### Northeast India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Assam & Meghalaya on 23<sup>rd</sup> & 25<sup>th</sup> and Nagaland, Manipur and Mizoram on 23<sup>rd</sup> May.
- **Isolated heavy rainfall** likely over Arunachal Pradesh during 25<sup>th</sup> -27<sup>th</sup>; Assam & Meghalaya on 26<sup>th</sup> and Nagaland, Manipur, Mizoram & Tripura during 23<sup>rd</sup> & 24<sup>th</sup> May with **isolated very heavy rainfall** also likely over Arunachal Pradesh on 23<sup>rd</sup> & 24<sup>th</sup>; Assam & Meghalaya during 23<sup>rd</sup>-25<sup>th</sup> May.

##### South Peninsular India:

- **Widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Kerala & Mahe and Lakshadweep during 23<sup>rd</sup> -26<sup>th</sup> May.
- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 23<sup>rd</sup> -26<sup>th</sup>; North Interior Karnataka on 26<sup>th</sup>; South Interior Karnataka on 24<sup>th</sup>, 26<sup>th</sup> & 27<sup>th</sup>; Coastal Andhra Pradesh & Yanam on 25<sup>th</sup>, 26<sup>th</sup> & 27<sup>th</sup>; Rayalaseema during 24<sup>th</sup> - 26<sup>th</sup>; Telangana during 23<sup>rd</sup> - 27<sup>th</sup> May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over North Interior Karnataka during 23<sup>rd</sup> - 25<sup>th</sup>; South Interior Karnataka on 23<sup>rd</sup> & 25<sup>th</sup>; Coastal Andhra Pradesh & Yanam on 23<sup>rd</sup> & 24<sup>th</sup>; Rayalaseema on 23<sup>rd</sup> May.
- **Isolated Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal during 23<sup>rd</sup> - 26<sup>th</sup>, Lakshadweep during 24<sup>th</sup> - 27<sup>th</sup>; Kerala & Mahe during 23<sup>rd</sup> - 27<sup>th</sup>; South Interior Karnataka, Rayalaseema on 23<sup>rd</sup>; May.
- **Isolated Hailstorm activity** likely over North Interior Karnataka on 23<sup>rd</sup> & 25<sup>th</sup>; South Interior Karnataka on 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 23<sup>rd</sup> -29<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim during 23<sup>rd</sup> - 27<sup>th</sup> May.
- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Gangetic West Bengal during 24<sup>th</sup> -29<sup>th</sup>; Jharkhand on 23<sup>rd</sup> and during 26<sup>th</sup> - 29<sup>th</sup>; Bihar on 24<sup>th</sup>, 28<sup>th</sup> & 29<sup>th</sup>; Odisha during 24<sup>th</sup> - 27<sup>th</sup> May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal & Odisha on 23<sup>rd</sup>; Jharkhand on 24<sup>th</sup> & 25<sup>th</sup>; Bihar on 23<sup>rd</sup> and during 25<sup>th</sup> - 27<sup>th</sup> May.
- **Isolated heavy rainfall** likely over Nicobar Islands on 23<sup>rd</sup> & 24<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim, Bihar on 25<sup>th</sup> & 26<sup>th</sup> May; **with isolated very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim on 23<sup>rd</sup> & 24<sup>th</sup> May.

\*Red color warning does not mean "Red Alert" Red color 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)

**Northwest India:**

- **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir during 23<sup>rd</sup> -25<sup>th</sup>; Himachal Pradesh on 23<sup>rd</sup> & 29<sup>th</sup> ; Uttarakhand on 23<sup>rd</sup> & 25<sup>th</sup> May.
- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Punjab , Haryana & Chandigarh on 23<sup>rd</sup> , 28<sup>th</sup> & 29<sup>th</sup> ; West Uttar Pradesh on 23<sup>rd</sup> & 24<sup>th</sup> May.
- **Isolated Hailstorm activity** likely over Himachal Pradesh on 29<sup>th</sup> May.

**West India:**

- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Konkan & Goa, Madhya Maharashtra on 23<sup>rd</sup> & 24<sup>th</sup> and Marathwada on 23<sup>rd</sup> May.
- **Forecast of maximum/day temperatures:**
- No significant change in maximum temperatures likely over East India till 26<sup>th</sup> May and gradual fall by 2-3°C during 27<sup>th</sup> - 29<sup>th</sup> May.
- Gradual rise in maximum temperatures by 4-6°C likely over western region of Himalaya till 27<sup>th</sup> May and No significant change on 28<sup>th</sup> & 29<sup>th</sup> May.
- No significant change in maximum temperatures likely over plains of Northwest India till 23<sup>rd</sup> May and gradual rise by 2-4°C during 24<sup>th</sup> - 27<sup>th</sup> May and thereafter gradual fall by 2-4°C on 28<sup>th</sup> & 29<sup>th</sup> May.
- No significant change in maximum temperatures likely over plains of South Peninsular India till 26<sup>th</sup> May and thereafter gradual fall by 2°C during 27<sup>th</sup> - 29<sup>th</sup> May.
- No significant change in maximum temperatures likely over the rest parts of country till 29<sup>th</sup> May 2026.

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

- **Heat wave conditions** very likely in isolated/some pockets over Uttar Pradesh and Madhya Pradesh ; Vidarbha, during 23<sup>rd</sup> -29<sup>th</sup> May ;with **severe heat wave conditions** over East Uttar Pradesh ;East Madhya Pradesh; Vidarbha during same period.
- **Heat wave conditions** very likely in isolated/some pockets over Punjab and Haryana, Chandigarh & Delhi during 24<sup>th</sup>-29<sup>th</sup> May with **severe heat wave conditions** likely in some/many pockets during 24<sup>th</sup>-27<sup>th</sup> May.
- **Heat wave conditions** very likely in isolated/some pockets over Rajasthan during 23<sup>rd</sup> -29<sup>th</sup> May with **severe heat wave conditions** likely in isolated/some pockets over West Rajasthan during 24<sup>th</sup>-29<sup>th</sup> May.
- **Heat wave conditions** very likely in isolated pockets over Telangana during 23<sup>rd</sup> -26<sup>th</sup> May.
- **Heat wave conditions** very likely in isolated pockets over West Jharkhand during 23<sup>rd</sup> - 25<sup>th</sup> ; Bihar on 23<sup>rd</sup> & 24<sup>th</sup> ;Interior Odisha ; Chhattisgarh during 23<sup>rd</sup> - 27<sup>th</sup> May.
- **Hot and humid weather conditions** likely to prevail over Gangetic West Bengal during 23<sup>rd</sup> - 24<sup>th</sup> ;Coastal Odisha during 23<sup>rd</sup> - 27<sup>th</sup> ; Coastal Andhra Pradesh & Yanam on 23<sup>rd</sup> & 24<sup>th</sup> and Tamil Nadu on 23<sup>rd</sup> May.
- **Warm Night conditions** very likely to prevail in isolated pockets over Interior Odisha during 23<sup>rd</sup> - 27<sup>th</sup> ; Uttar Pradesh, Telangana, Vidarbha 23<sup>rd</sup> & 24<sup>th</sup> May.

### Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim and Lakshadweep; **at many places** over Nagaland, Manipur, Mizoram & Tripura, Himachal Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; **at a few places** over Uttarakhand, Coastal Andhra Pradesh & Yanam, Coastal Karnataka and Kerala & Mahe; **at isolated places** over Gangetic West Bengal, Odisha, Jharkhand, Bihar, Haryana-Chandigarh-Delhi, Punjab, Konkan & Goa, Madhya Maharashtra, Marathwada, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and South Interior Karnataka; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Sub Himalayan West Bengal & Sikkim:** Beech Tea Garden (dist Alipurduar) 18; Jaybirpara Tea Estate (dist Alipurduar) 13; Buxaduar (dist Alipurduar), Kumargram (dist Alipurduar) 12 Each; Hasimara (dist Alipurduar) 11; Karballa Tea Estate (dist Jalpaiguri), Raidak Tea Estate (dist Alipurduar) 10 Each; Gandrapara Tea Garden (dist Jalpaiguri) 9; Jiti T.e. (dist Jalpaiguri) 8; Palashbari Tea Estate (dist Jalpaiguri), Newlands Tea Garden (dist Alipurduar) 7 Each; **Assam & Meghalaya:** Matijuri (dist Hailakandi), Silchar (dist Cachar) 11 Each; Cherrapunji(rkm) (dist East Khasi Hills) 10; Mawsynram (dist East Khasi Hills), Tamulpur ARG (dist Baksa) 9 Each; Manash Nh Xing (dist Barpeta), Badatighat (dist Lakhimpur), A P Ghat (dist Cachar), Kokrajhar (dist Kokrajhar), Tamulpur (dist Tamulpur), Hazuah (dist Barpeta), Udaipur (dist Tinsukia), Aie Nh Xing (dist Bongaigaon) 8 Each; B P Ghat (dist Sribhumi), Karimganj (dist Sribhumi), Melabazar/Matunga (dist Nalbari) 7 Each; **Arunachal Pradesh:** Oyan ARG (dist East Siang) 10; Daparijo (dist Upper Subansiri) 8; **Nagaland, Manipur, Mizoram & Tripura:** Kamalpur (dist Dhalai) 9; **Bihar:** Baisa (dist Purnea) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today):**Heavy to very heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim. **Heavy rain** at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Bihar.

❖ **Minimum Temperature Departures (as on 23-05-2026):** were **appreciably above normal (3.1°C to 5.0°C)** at isolated places over Odisha, Gangetic West Bengal, Marathawada, Rajasthan, Telangana Tamil Nadu, Puducherry & Karaikal; **above normal (1.6°C to 3.0°C)** at isolated places over Haryana, Chandigarh & Delhi, Uttar Pradesh, East Rajasthan, West Madhya Pradesh, West India , Telangana, Tamil Nadu, Puducherry & Karaikal, East India, Northeast India and below normal or near normal over rest parts of the country.**The lowest minimum temperature** of 20.0°C was reported at MATHERAN (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 22-05-2026):** **markedly above normal(> 5.1°C)** at many places over Uttarakhand; at few places over Arunachal Pradesh, West Madhya Pradesh and East Madhya Pradesh; at isolated places over Assam & Meghalaya, East Uttar Pradesh, West Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at few places over Odisha and Himachal Pradesh; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Haryana-Chandigarh-Delhi, Gujarat Region, Saurashtra & Kutch, Konkan & Goa and Telangana. **above normal(1.6°C to 3.0°C)** at most places over Punjab; at isolated places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Bihar, Madhya Maharashtra and Marathwada. **near normal(-1.5°C to 1.5°C)** at many places over Lakshadweep; at most places over West Rajasthan, East Rajasthan and Coastal Karnataka; at few places over Andaman & Nicobar Islands, Rayalaseema, South Interior Karnataka and Kerala & Mahe; at isolated places over North Interior Karnataka. **The highest maximum temperature** of 47.2°C was reported at BRAHMPURI (VIDARBHA ).

**Meteorological Analysis (Based on 0830 hours IST)**

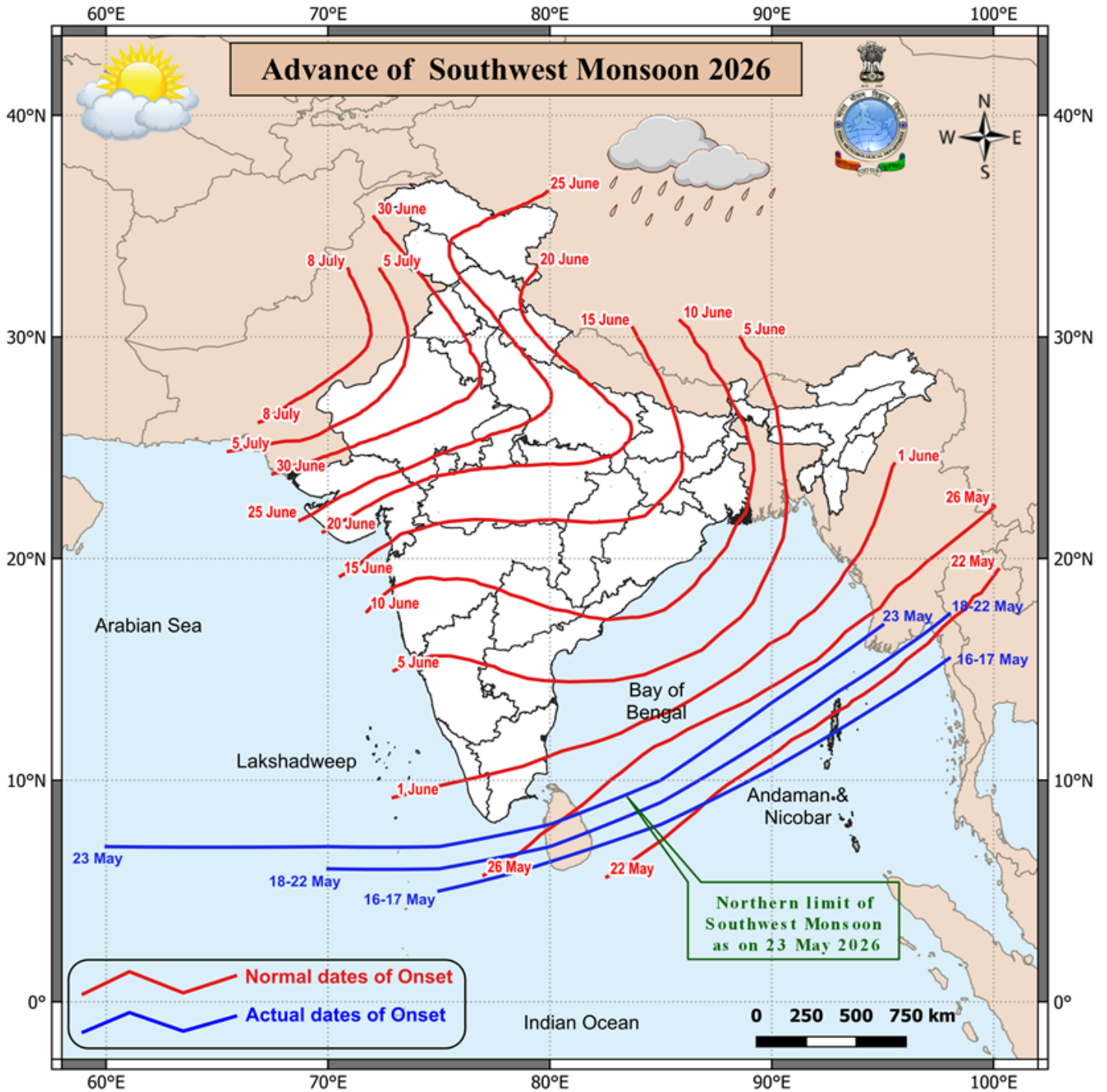
- **Southwest monsoon** has further advanced into some parts of southwest Arabian Sea, some more parts of southeast Arabian Sea, Comorin area, southwest, southeast and eastcentral Bay of Bengal and most parts of Andaman Sea today, the 23rd May 2026.
- **The Northern Limit of Monsoon** passes through 7°N/60°E, 7°N/70°E, 7°N/75°E, 8°N/80°E, 10°N/85°E, 13.5°N/90°E, and 17°N/95°E as on 23rd May 2026.
- **Conditions are favourable** for further advance of southwest monsoon into some more parts of southwest & southeast Arabian Sea, Comorin Area, southwest, southeast & eastcentral Bay of Bengal and remaining parts of Andaman Sea during next 3-4 days.
- The **Western Disturbance** as a cyclonic circulation over Jammu & neighbourhood at 3.1 km above mean sea level persists.
- A **trough** now runs from Punjab to Southwest Rajasthan at 1.5 km above mean sea level.
- The upper **air cyclonic circulation** over south Bihar & neighbourhood at 0.9 km above mean sea level persists.
- The north-south **trough** now runs from the above upper air cyclonic circulation over southwest Bihar to north coastal Andhra Pradesh across Jharkhand, north Chhattisgarh, and interior Odisha at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over central Assam & neighbourhood upto 1.5 km above mean sea level persists.
- A **trough** in westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 90°E to the north of Lat. 23°N
- The **upper air cyclonic circulation** over Southeast Bay of Bengal & neighbourhood now lies over Southeast adjoining central Bay of Bengal between 3.1 & 5.8 km above mean sea level tilting southwestwards with height.
- An **upper air cyclonic circulation** lies over Southwest Arabian sea between 3.1 & 5.8 km above mean sea level.
- A fresh **Western Disturbance** likely to affect Northwest India from 28<sup>th</sup> May, 2026.
- An **upper air cyclonic circulation** lies over Rayalaseema and adjoining South coastal Andhra Pradesh at 3.1 km above mean sea level has been less marked.
- The **upper air cyclonic circulation** over eastcentral Arabian Sea & neighbourhood extending upto 1.5 km above mean sea level has been less marked.
- The **upper air cyclonic circulation** over southeast Arabian Sea & neighbourhood at 3.1 km above mean sea level has been less marked.
- The **trough** from the **upper air cyclonic circulation** over Southeast Arabian Sea and neighbourhood to Comorin area across Kerala and south Tamil Nadu at 3.1 km above mean sea level has been less marked.

**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**

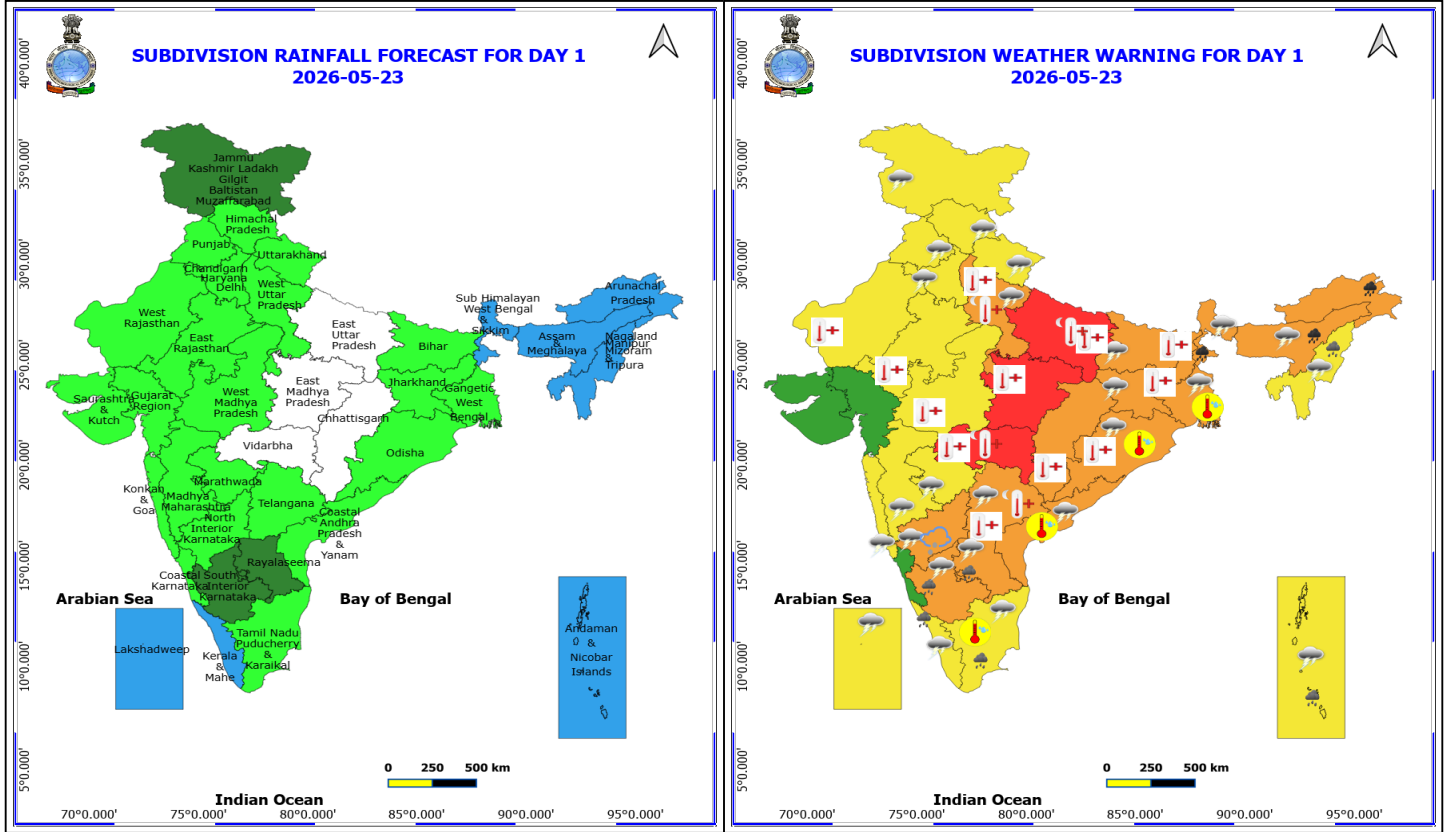
**Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day**

**For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599**

**(Service to the nation since 1875)**



\*Red color warning does not mean "Red Alert" Red color 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)



**23 May (Day 1)**

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Rayalaseema, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over North Interior Karnataka.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Gangetic West Bengal, Interior Karnataka and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Konkan & Goa, Lakshadweep, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Punjab, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Telangana, Uttarakhand and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Karnataka.
- ❖ **Heat Wave conditions** very likely at isolated places over Bihar, Chhattisgarh, Jharkhand, Odisha, Rajasthan, Telangana, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over East Madhya Pradesh, East Uttar

**\*Red color warning does not mean "Red Alert" Red color 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

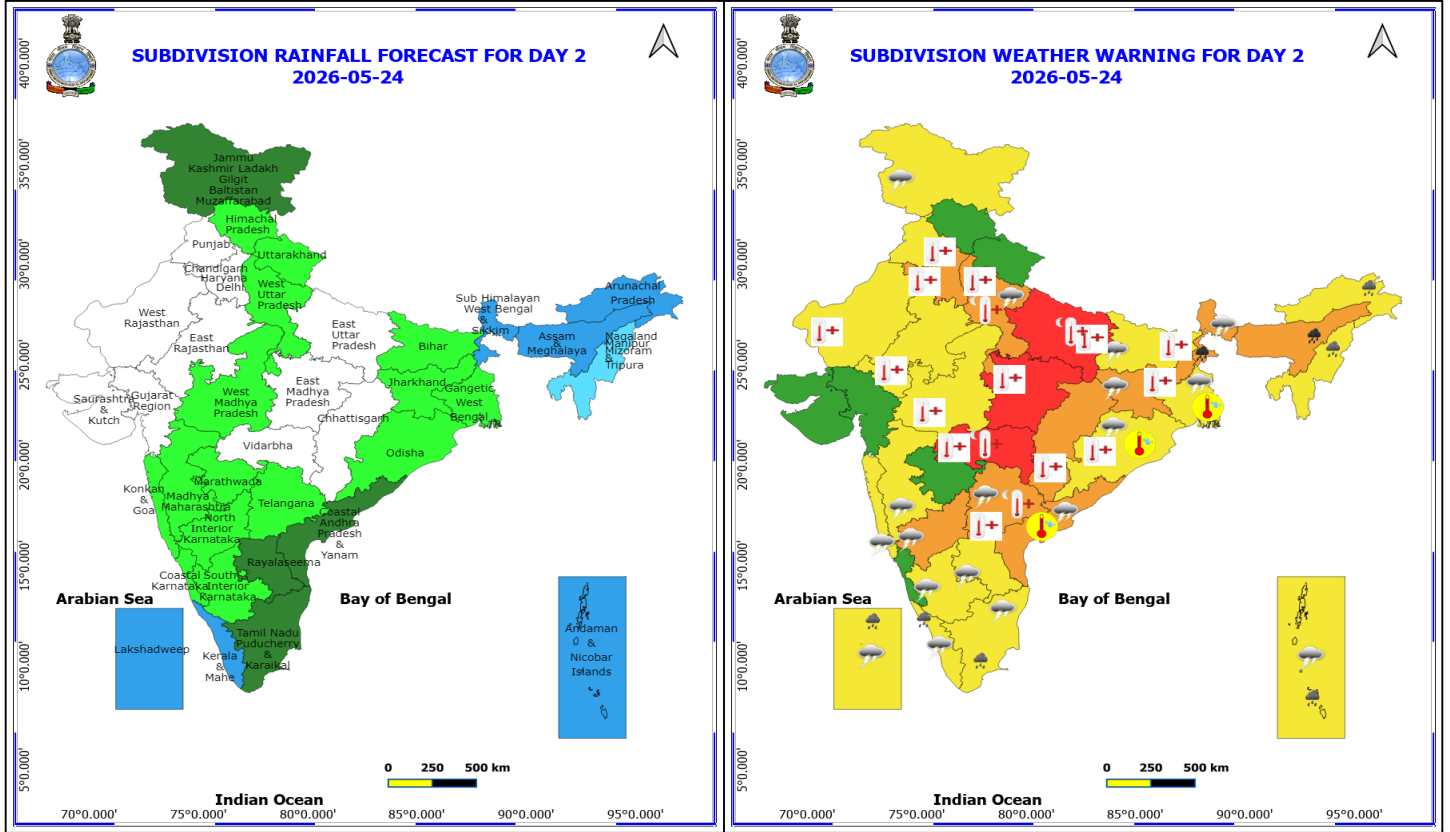
(Service to the nation since 1875)

Pradesh and Vidarbha.

- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Gangetic West Bengal, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** very likely at isolated places over Telangana, Uttar Pradesh and Vidarbha.

---

- ❖ **Arabian Sea: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Keralam, Karnataka coasts, Lakshadweep, Maldives, Comorin areas, over most parts of southeast Arabian Sea.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over along and off Somalia coast, adjoining some parts of southwest Arabian Sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, most parts of south Bay of Bengal.



**24 May (Day 2)**

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Kerala & Mahe, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Coastal Andhra Pradesh, Jharkhand and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Lakshadweep, Madhya Maharashtra, Odisha, Rayalaseema, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Telangana, West Bengal & Sikkim and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Karnataka and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** very likely at isolated places over Bihar, Chhattisgarh, Jharkhand, Odisha, Punjab, Rajasthan, Telangana, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over East Madhya Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi and Vidarbha.

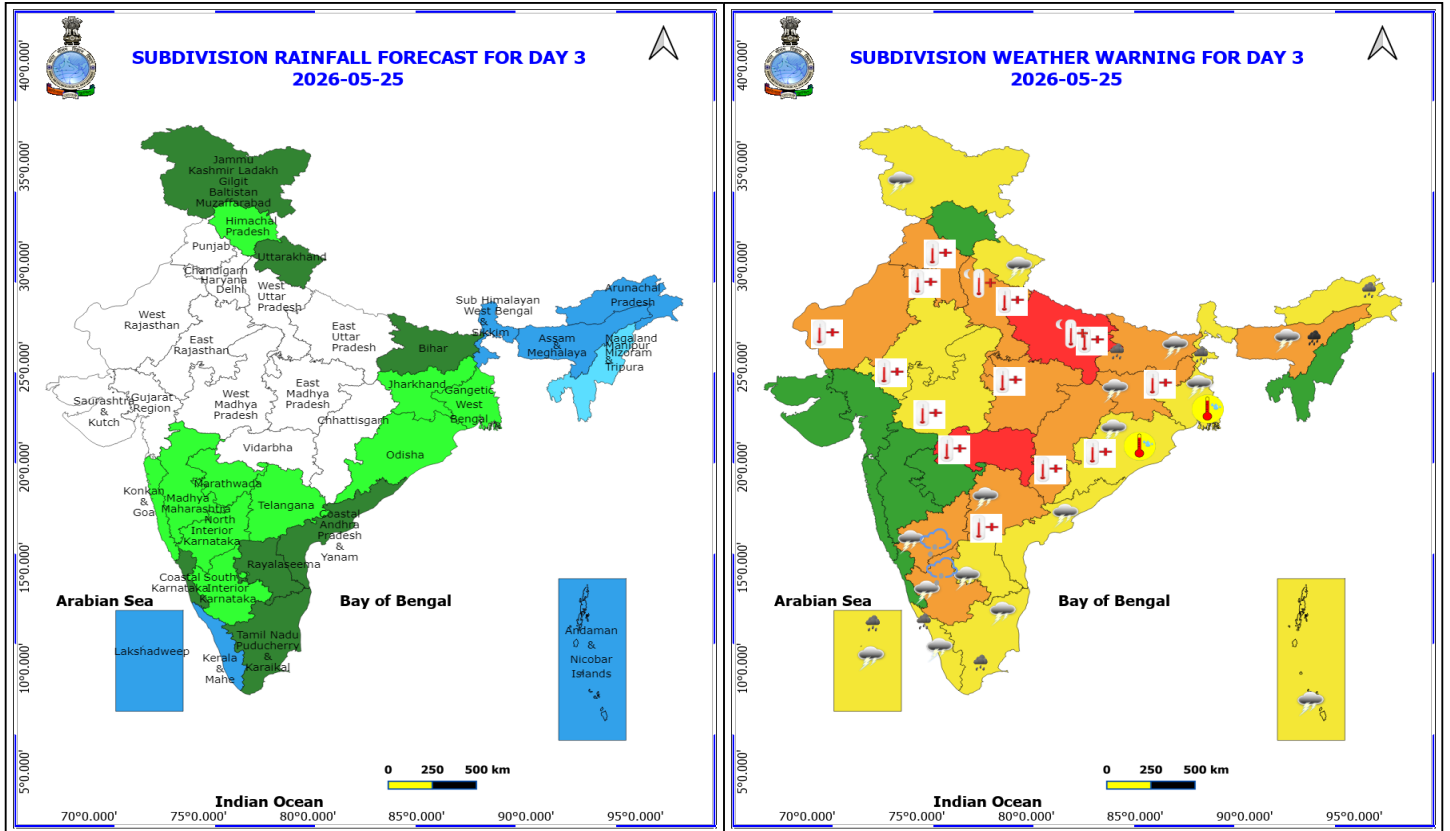
**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**  
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day  
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)

- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Gangetic West Bengal and Odisha.
- ❖ **Warm Night conditions** very likely at isolated places over Telangana, Uttar Pradesh and Vidarbha.

---

- ❖ **Arabian Sea: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Keralam, Karnataka coasts, Lakshadweep, Comorin areas, adjoining Maldives area.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over along and off Somalia coast, adjoining some parts of southwest Arabian Sea.
- ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Gulf of Mannar, many parts of south Bay of Bengal.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of southwest Bay of Bengal.



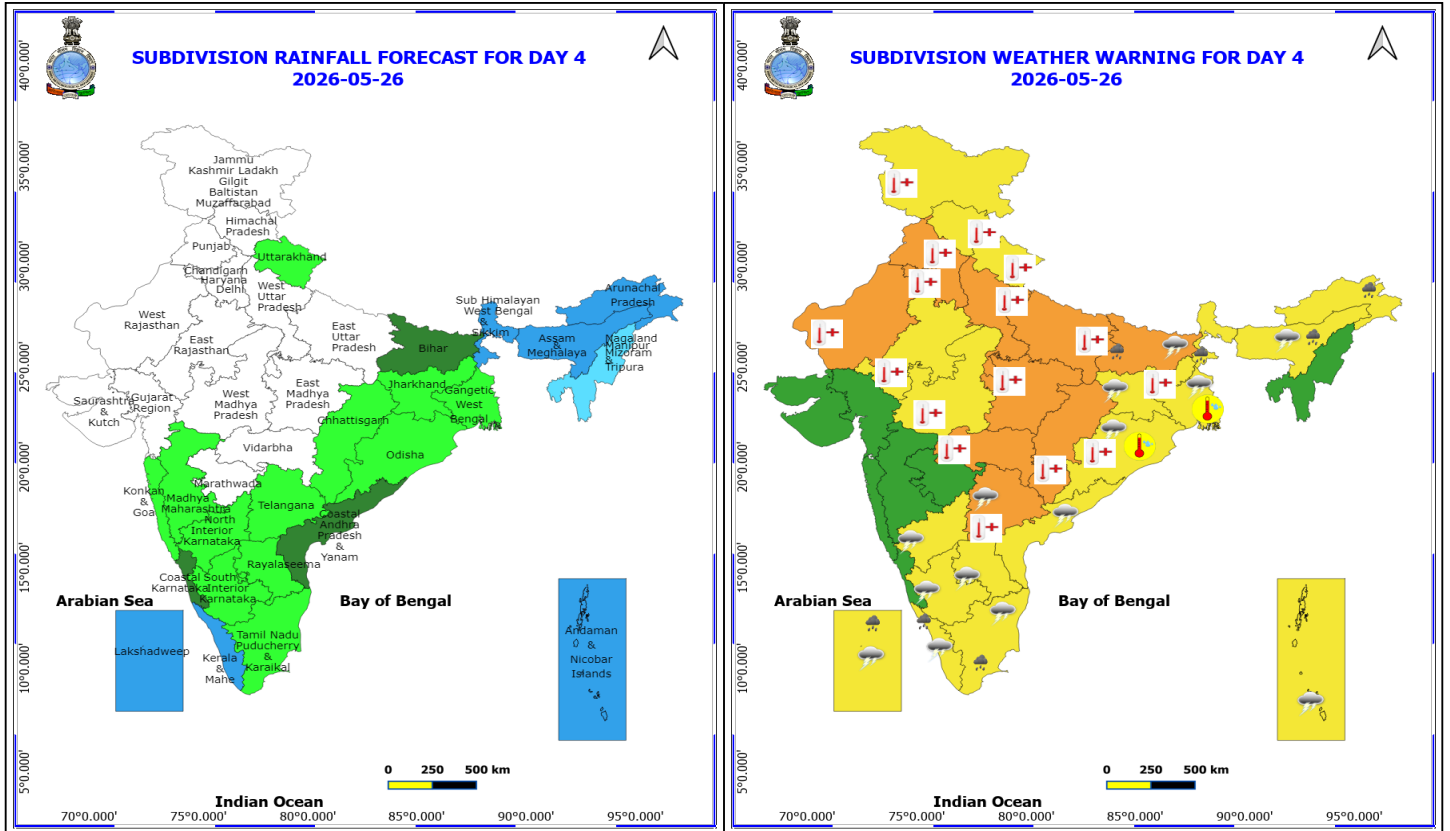
**25 May (Day 3)**

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Bihar, Kerala & Mahe, Lakshadweep, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Interior Karnataka.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Interior Karnataka and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Assam & Meghalaya, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Lakshadweep, Odisha, Tamil Nadu Puducherry & Karaikal, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Coastal Karnataka and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** very likely at isolated places over Chhattisgarh, East Rajasthan, Jharkhand, Odisha, Telangana, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over East Madhya Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab, Vidarbha and West Rajasthan.

**\*Red color warning does not mean "Red Alert" Red color 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)

- ❖ **Hot and Humid weather** very likely at isolated places over Gangetic West Bengal and Odisha.
  - ❖ **Warm Night conditions** very likely at isolated places over Uttar Pradesh.
- 
- ❖ **Arabian Sea: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Keralam, Karnataka coasts, Lakshadweep, Comorin areas, adjoining Maldives area.
  - ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coast, adjoining some parts of southwest Arabian Sea.
  - ❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over many parts of south Bay of Bengal.
  - ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of southwest Bay of Bengal.



**26 May (Day 4)**

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Kerala & Mahe, Lakshadweep, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Assam & Meghalaya, Gangetic West Bengal, Interior Karnataka, Jharkhand, Kerala & Mahe, Lakshadweep, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Coastal Karnataka, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heat Wave conditions** likely at isolated places over Chhattisgarh, East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Telangana, Uttarakhand, Vidarbha, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over East Madhya Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab and West Rajasthan.
- ❖ **Hot and Humid weather** likely at isolated places over Gangetic West Bengal and Odisha.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Keralam, Karnataka coasts, Lakshadweep, Comorin areas, adjoining Maldives area.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia coast, adjoining some parts of southwest Arabian Sea.

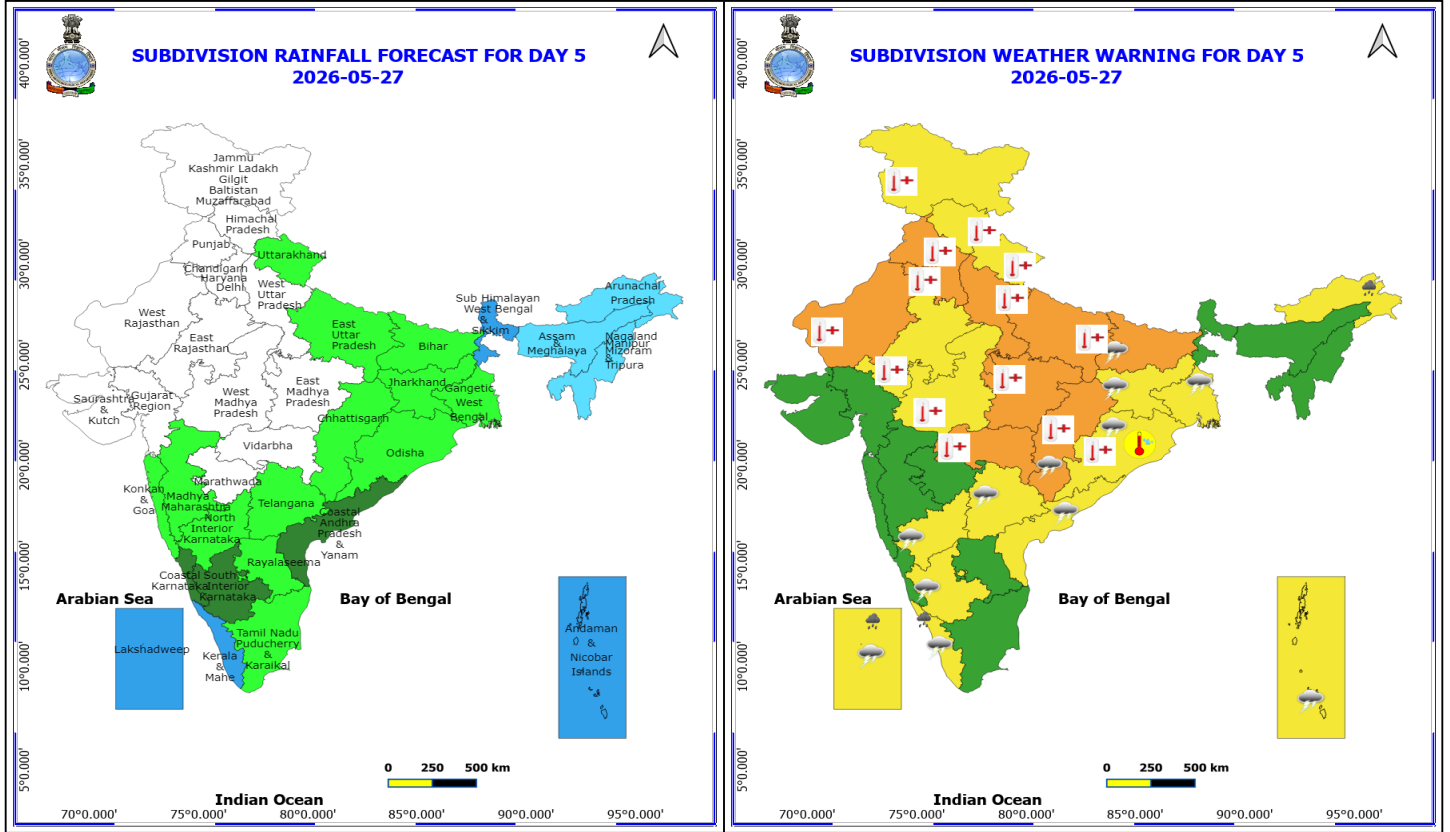
**\*Red color warning does not mean "Red Alert" Red color warning means "Take Action"**  
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day  
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



❖ **Bay of Bengal: Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over many parts of south Bay of Bengal.

❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of southwest Bay of Bengal.



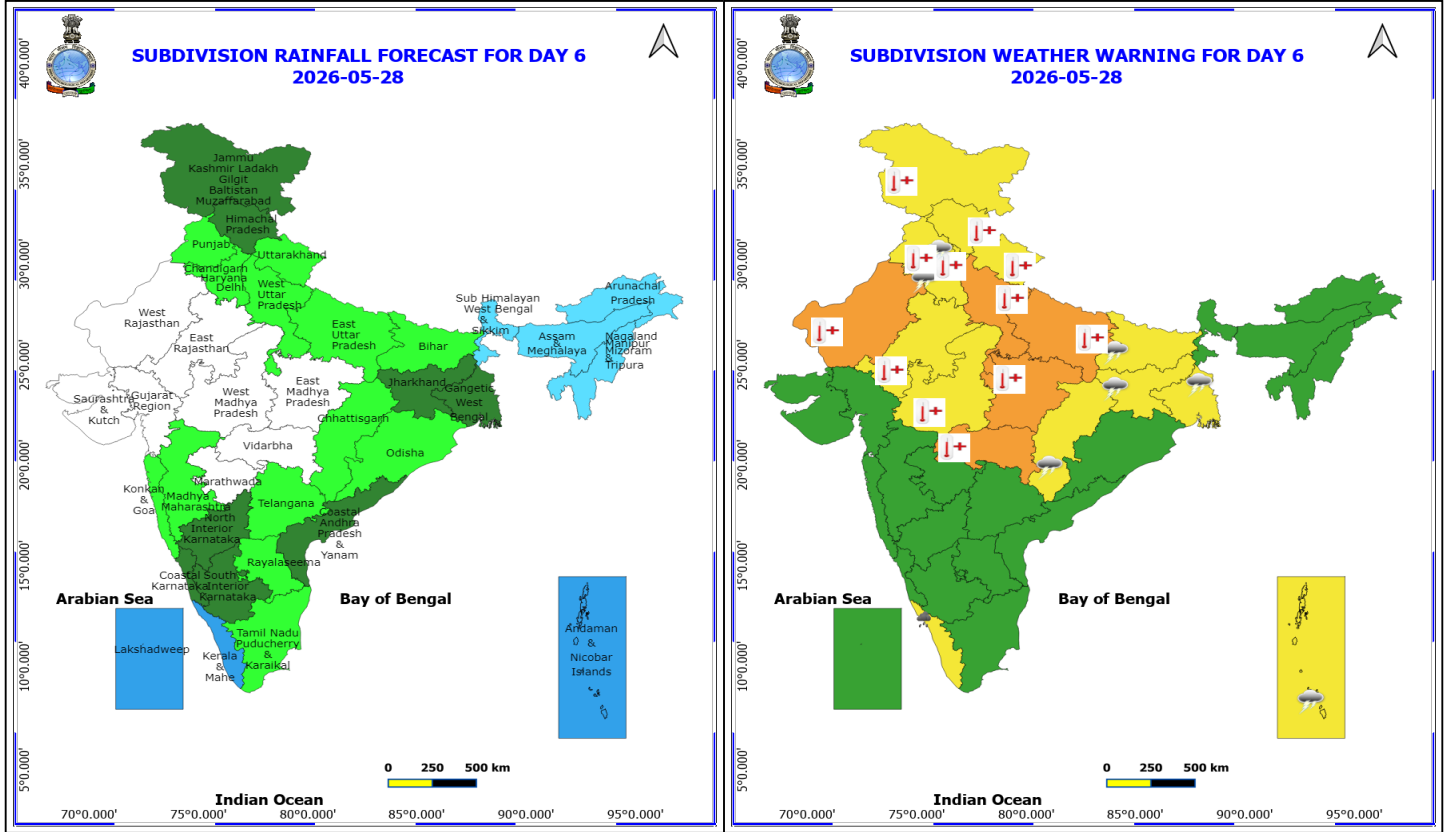
**27 May (Day 5)**

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Kerala & Mahe and Lakshadweep.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, Coastal Andhra Pradesh, Gangetic West Bengal, Interior Karnataka, Jharkhand, Kerala & Mahe, Lakshadweep, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Coastal Karnataka and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** likely at isolated places over Chhattisgarh, East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Uttarakhand, Vidarbha, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over East Madhya Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Punjab and West Rajasthan.
- ❖ **Hot and Humid weather** likely at isolated places over Odisha.

**No Fishermen Warning**

**\*Red color warning does not mean "Red Alert" Red color 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

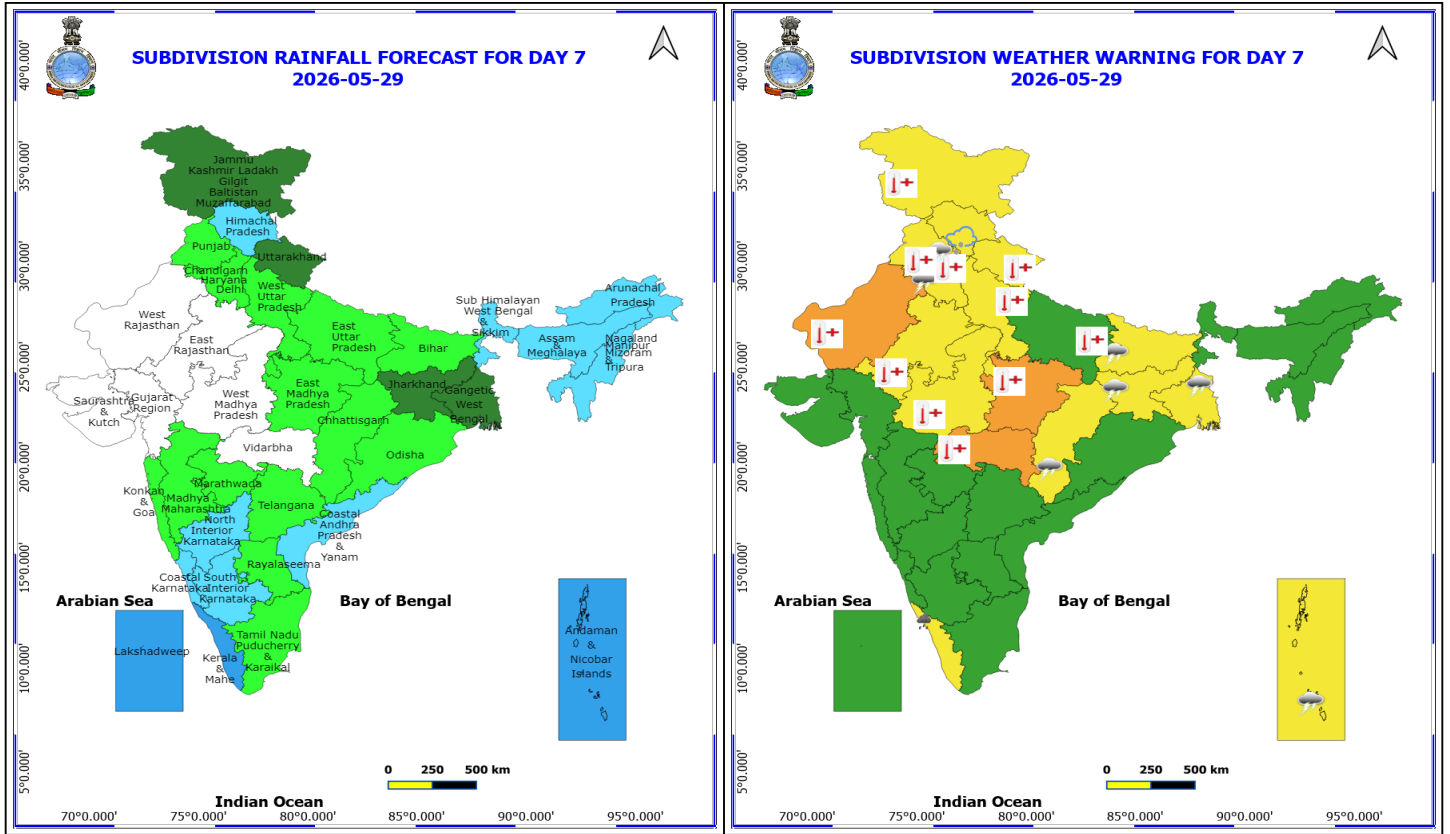
(Service to the nation since 1875)



**28 May (Day 6)**

- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand and Punjab.
- ❖ **Heat Wave conditions** likely at isolated places over East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh, Uttarakhand, Vidarbha and West Madhya Pradesh.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over East Madhya Pradesh and West Rajasthan.

**No Fishermen Warning**



**29 May (Day 7)**

- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe.
- ❖ **Thunderstorm accompanied with Hailstorm** likely at isolated places over Himachal Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Chhattisgarh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand and Punjab.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Himachal Pradesh.
- ❖ **Heat Wave conditions** likely at isolated places over East Rajasthan, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh, Uttarakhand, Vidarbha and West Madhya Pradesh.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over East Madhya Pradesh and West Rajasthan.

**No Fishermen Warning**

**\*Red color warning does not mean "Red Alert" Red color 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)



## Table-1

### 7 Days Rainfall Forecast

S.No.	Subdivision	23- May	24- May	25- May	26- May	27- May	28- May	29- 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	WS	WS	WS	WS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	WS	WS	WS	WS	FWS	FWS	FWS
4	N. M. M. & T.	WS	FWS	FWS	FWS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	FWS	FWS
6	GANGETIC WEST BENGAL	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
7	ODISHA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
9	BIHAR	ISOL	ISOL	SCT	SCT	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
12	UTTARAKHAND	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	SCT
13	HARYANA, CHD & DELHI	ISOL	DRY	DRY	DRY	DRY	ISOL	ISOL
14	PUNJAB	ISOL	DRY	DRY	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	ISOL	ISOL	ISOL	DRY	DRY	SCT	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	DRY	DRY	SCT	SCT
17	WEST RAJASTHAN	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
21	GUJRAT REGION	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	ISOL	ISOL	DRY	DRY	DRY	ISOL
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHATTISGARH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL	SCT	SCT	SCT	SCT	SCT	FWS
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	ISOL	ISOL	SCT	SCT	SCT	SCT	FWS
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	FWS
34	SOUTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	ISOL	SCT	SCT	FWS
35	KERALA	WS	WS	WS	WS	WS	WS	WS
36	LAKSHDWEEP	WS	WS	WS	WS	WS	WS	WS

Legend	Category	%Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

\*Red color warning does not mean "Red Alert" Red color 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)

Fig. 1: Maximum Temperatures Dated 2026-05-22

Fig. 2: Departure of Maximum Temp. Dated 2026-05-22

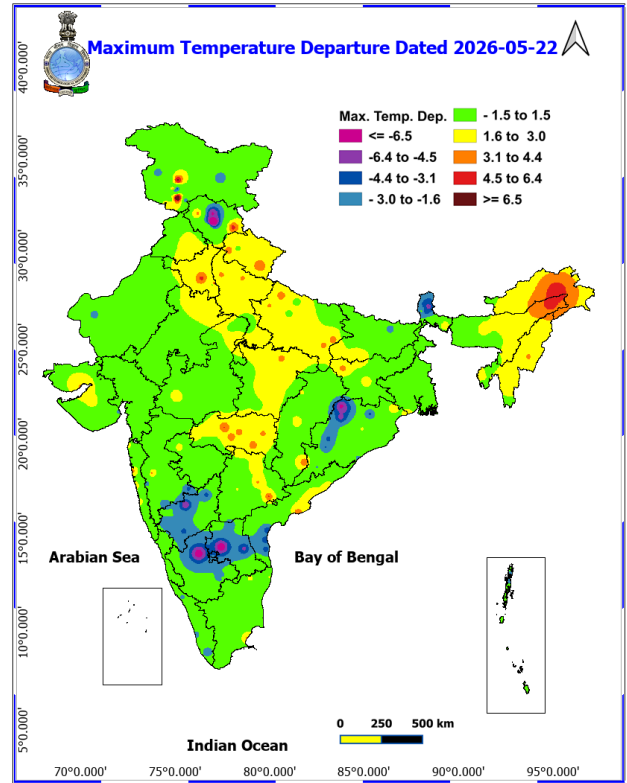
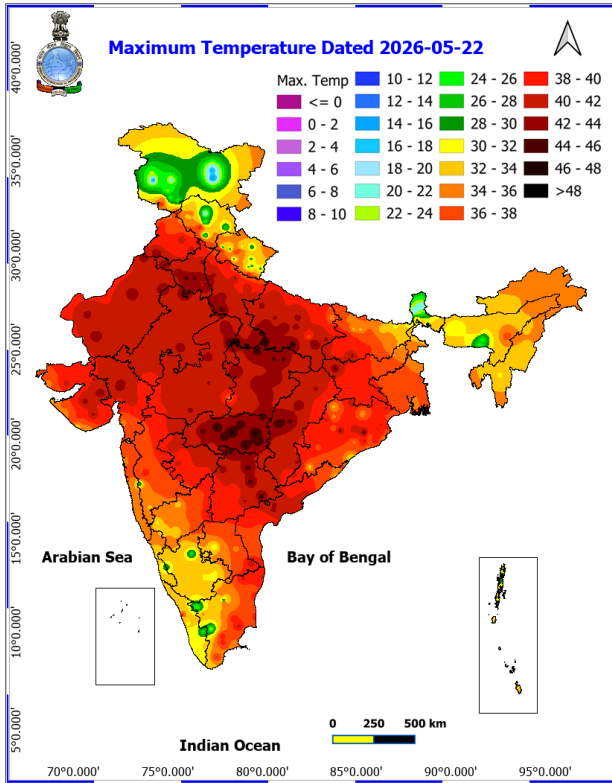
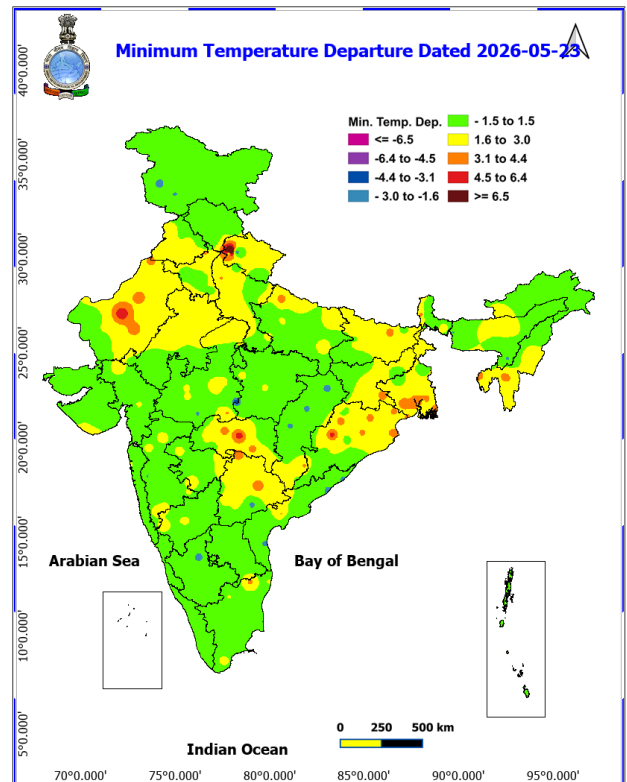
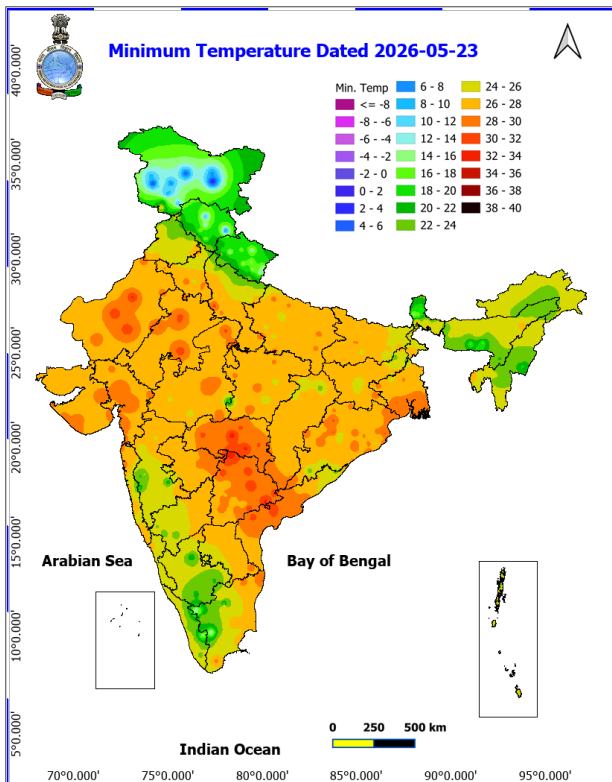
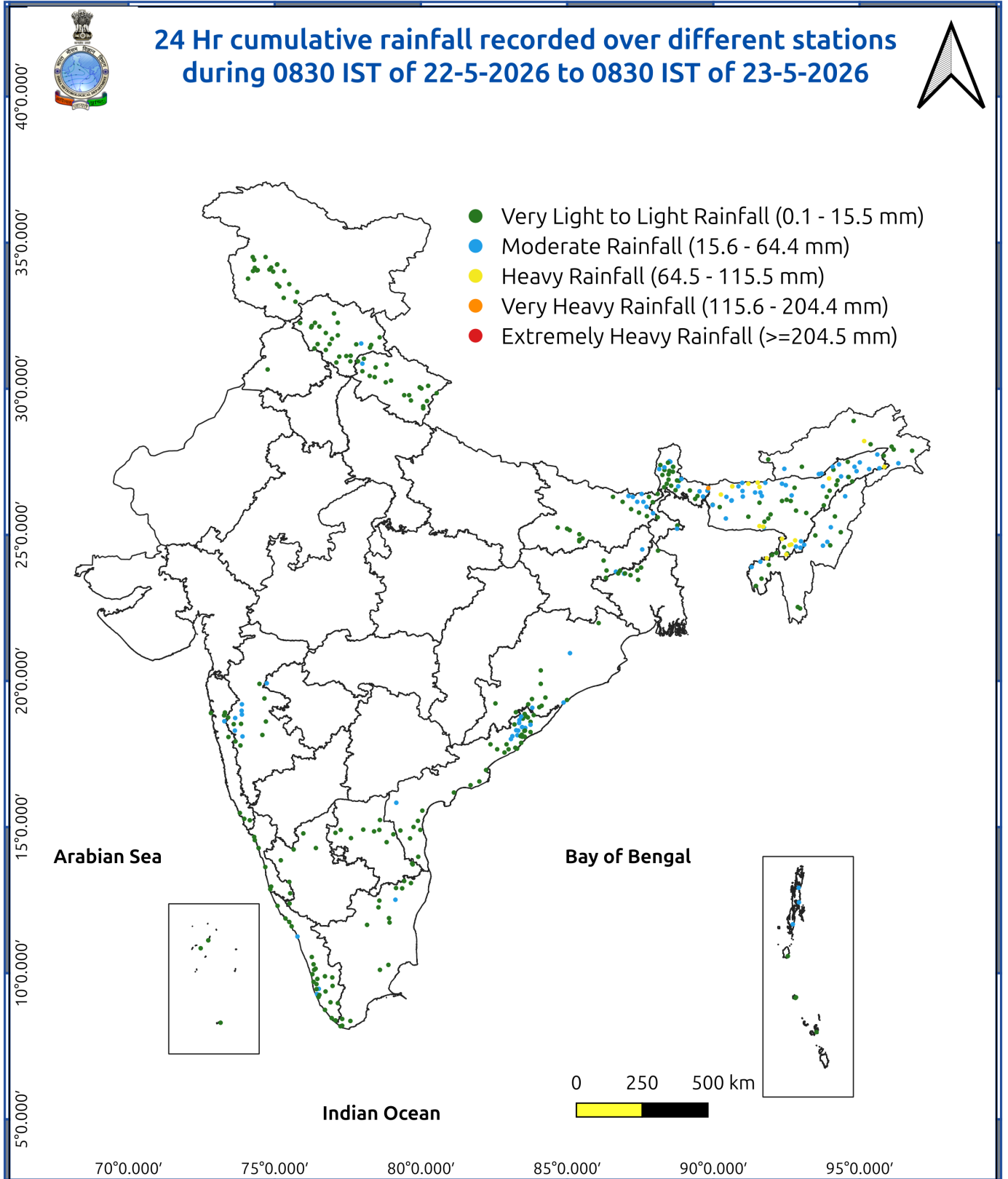


Fig. 3: Minimum Temperatures Dated 2026-05-23

Fig. 4: Departure of Minimum Temp. Dated 2026-05-23





## Impact and Actions

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

- **Isolated heavy rainfall** likely over Arunachal Pradesh during 25<sup>th</sup> -27<sup>th</sup>; Assam & Meghalaya on 26<sup>th</sup> and Nagaland, Manipur, Mizoram & Tripura during 23<sup>rd</sup> & 24<sup>th</sup> May; Tamil Nadu, Puducherry & Karaikal during 23<sup>rd</sup> – 26<sup>th</sup>, Lakshadweep during 24<sup>th</sup> – 27<sup>th</sup>; Kerala & Mahe during 23<sup>rd</sup> – 27<sup>th</sup>; South Interior Karnataka, Rayalaseema on 23<sup>rd</sup> May ; Nicobar Islands on 23<sup>rd</sup> & 24<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim, Bihar on 25<sup>th</sup> & 26<sup>th</sup> May with **isolated very heavy rainfall** also likely over Arunachal Pradesh on 23<sup>rd</sup> & 24<sup>th</sup>; Assam & Meghalaya during 23<sup>rd</sup>-25<sup>th</sup> ;Sub-Himalayan West Bengal & Sikkim on 23<sup>rd</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 isolated thunderstorm with lightning/squally winds over

- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over North Interior Karnataka during 23<sup>rd</sup> – 25<sup>th</sup>; South Interior Karnataka on 23<sup>rd</sup> & 25<sup>th</sup>; Coastal Andhra Pradesh & Yanam on 23<sup>rd</sup> & 24<sup>th</sup>; Rayalaseema on 23<sup>rd</sup>; over Gangetic West Bengal & Odisha on 23<sup>rd</sup>; Jharkhand on 24<sup>th</sup> & 25<sup>th</sup>; Bihar on 23<sup>rd</sup> and during 25<sup>th</sup> – 27<sup>th</sup> May.
- **Isolated Hailstorm activity** likely over North Interior Karnataka on 23<sup>rd</sup> & 25<sup>th</sup>; South Interior Karnataka on 25<sup>th</sup>; Himachal Pradesh on 29<sup>th</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.
- Hail may injure people and cattle at open places.
- 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.

**\*Red color warning does not mean "Red Alert" Red color 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)

- 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 to severe heat wave conditions likely to continue to prevail over Central India during next 7 days; east adjoining peninsular India during 23<sup>rd</sup> – 26<sup>th</sup> and over northwest India during 24<sup>th</sup> – 29<sup>th</sup> May.

#### Red alert Areas (Uttar Pradesh)

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

#### Orange alert Areas (many parts of Northwest & Central India)

- 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 (some parts of north Peninsular India)

- 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 various parts of the country

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

- In **North Interior Karnataka**, 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 **Arunachal Pradesh**, ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards. Keep the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places.

In **Assam and Meghalaya**, make necessary arrangements to remove excess rainwater from the crop fields.

In **Nagaland**, Maintain drainage in low-lying areas and in crop fields (potato, foxtail millet. Keep the maize field covered

**\*Red color warning does not mean "Red Alert" Red color 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)

with locally available mulch, such as farm residue or paddy straw. Provide propping to the banana plant to prevent lodging.

**In Manipur**, postpone sowing of soybean and groundnut. Drain out excess rainwater and top-dress the crop after the current rain spells. Avoid rainwater stagnation for long periods in crop fields (chilli, ginger, turmeric, banana, etc.).

**In Mizoram**, create drainage channels surrounding the rice fields and utilize grass mulch to cover the seeds. Provide support to fruit-bearing or partially lodge plants/trees. Propping should be done to prevent maize plants from lodging.

**Tripura** - Ensure proper drainage to prevent standing water in vegetable, watermelon, and orchard fields

**In Sub-Himalayan West Bengal and Sikkim**, maintain proper drainage channels in the ginger, tomato, maize, bitter gourd and Dalle Khorsani fields. Provide staking to tomato, Dalley Khorsani seedlings. Harvest mature crops at the earliest and store them safely in dry places. Protect nurseries and young seedlings against heavy rainfall with temporary covers.

**In Tamil Nadu**, maintain proper drainage to prevent water stagnation in black gram, green gram, sugarcane, and vegetable plantations.

**In Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants?

**Lakshadweep**, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing-crop fields to prevent waterlogging.

**In South Interior Karnataka**, ensure proper drainage in paddy fields, arecanut and mango orchards.

**In Andhra Pradesh - Rayalaseema** -Provide light irrigation to maintain adequate moisture in standing crops such as paddy, *rabi* maize, sorghum, chickpea, groundnut, sesame, sugarcane, vegetables, and fruit orchards.

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

**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 gourd, 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 Jharkhand**, provide light at frequent intervals for pulses and vegetables.

**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.

### **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

**\*Red color warning does not mean "Red Alert" Red color 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)

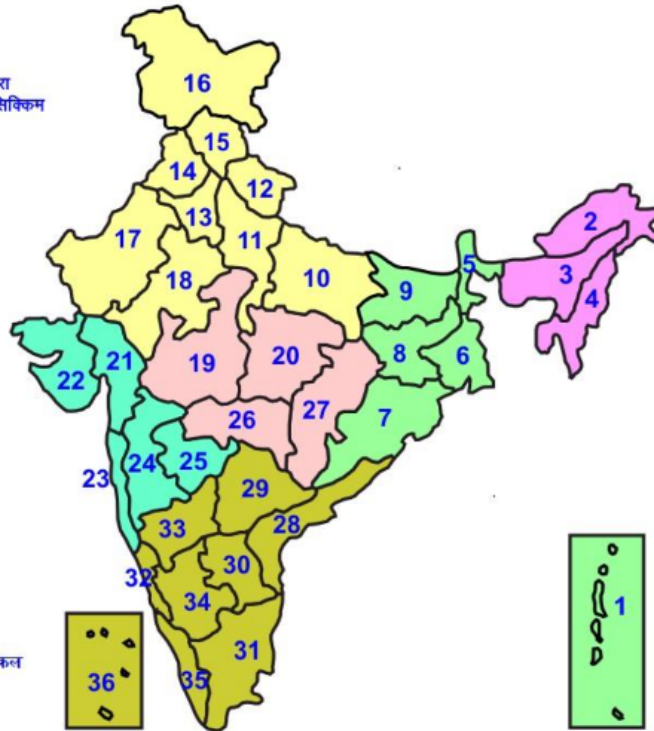


Marathawada.

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 द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं 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. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & 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. Marathawada
26. Vidharbha
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)

### Subdivision Colour

- NO WARNING
- WATCH (BE UPDATED)
- 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

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

\*Red color warning does not mean "Red Alert" Red color 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)

## LEGENDS

### WARNING

WARNING (TAKE ACTION)
ALERT ( BE PREPARED)
WATCH (BE UPDATED)
NO WARNING ( NO ACTION)

### Probabilistic Forecast

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



Heavy: 64.5 to 115.5 mm/cm \*  
Very Heavy: 115.6 to 204.4 mm/cm\*  
Extremely Heavy: > 204.4 mm/cm \*



When maximum temperature of a station reaches  $\geq 40^{\circ}\text{C}$  for plains and  $\geq 30^{\circ}\text{C}$  for hilly regions  
(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
Severe Heat Wave: Maximum Temperature Departure from normal  $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature  $\geq 45^{\circ}\text{C}$ .  
Severe Heat Wave: When actual maximum temperature  $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is  $> 4.5^{\circ}\text{C}$  from normal. Heat Wave may be described provided maximum temperature  $\geq 37^{\circ}\text{C}$



When maximum temperature remains  $40^{\circ}\text{C}$

Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
Severe Warm Night: When minimum temperature departure  $> 6.4^{\circ}\text{C}$ .



When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
Severe Cold Wave: Minimum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave : When Minimum Temperature is  $\leq 4.0^{\circ}\text{C}$   
Severe Cold Wave: When Minimum Temperature is  $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is  $\leq -4.5^{\circ}\text{C}$  & actual Minimum Temperature is  $\leq 15^{\circ}\text{C}$



When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions  
Based on departure

Cold Day: Maximum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
Severe Cold Day: Maximum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$



Phenomenon of small droplets suspended in air and the horizontal visibility  $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres  
Dense Fog: when the visibility between 50- 200 metres  
Very Dense Fog: when the visibility  $< 50$  metres



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground

Air temperature  $\leq 4^{\circ}\text{C}$  ( over Plains)



A strong wind that rises suddenly, lasts for atleast 1 minute.

Moderate: Wind speed 52-61 kmph  
Severe: Wind speed 62-87 kmph  
Very Severe: Wind speed  $> 87$  kmph



Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre  
High to very high: Wind speed 63-117 kmph ( 34-63 knots) & Wave height 6-14 metre  
Phenomenal: Wind speed  $> 117$  kmph ( $> 63$  knots) & Wave height  $> 14$  metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)  
Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)  
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)  
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)  
Super Cyclone Storm: Wind speed  $> 220$  kmph ( $> 119$  knots)

\*Red color warning does not mean "Red Alert" Red color 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)