

2026-04-29

Time of Issue: 13:20:00 hours IST  
(Mid-Day)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Weather Warning and Forecast:

##### Northwest India:

- **Scattered to fairly widespread** light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir on 29<sup>th</sup> April and during 03<sup>rd</sup>-05<sup>th</sup> May; Himachal Pradesh during 29<sup>th</sup> April, 03<sup>rd</sup> & 04<sup>th</sup> May; over Uttarakhand during 29<sup>th</sup> April-05<sup>th</sup> May.
- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Punjab, Haryana Chandigarh & Delhi on 29<sup>th</sup> & 30<sup>th</sup> April & during 02<sup>nd</sup> -05<sup>th</sup> May; Uttar Pradesh on 29<sup>th</sup> & 30<sup>th</sup> April; West Rajasthan on 29<sup>th</sup> and during 02<sup>nd</sup> -05<sup>th</sup> May; East Rajasthan during 29<sup>th</sup> April-05<sup>th</sup> May.
- **Duststorm** also very likely over Uttar Pradesh on 29<sup>th</sup> April and West Rajasthan during 02<sup>nd</sup> -04<sup>th</sup> May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Uttar Pradesh 29<sup>th</sup> April.
- **Isolated Hailstorm activity** likely over East Uttar Pradesh, Himachal Pradesh & Uttarakhand on 29<sup>th</sup> April.

##### Northeast India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Northeast India during next 5 days.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Nagaland, Manipur, Mizoram & Tripura on 29<sup>th</sup> & 30<sup>th</sup> April.
- **Isolated extremely heavy rainfall** likely over Assam & Meghalaya on 29<sup>th</sup> April.
- **Isolated heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 29<sup>th</sup> April-04<sup>th</sup> May, Nagaland, Manipur, Mizoram & Tripura during 29<sup>th</sup> April-05<sup>th</sup> May with isolated **very heavy rainfall** likely over Arunachal Pradesh during 30<sup>th</sup> April-02<sup>nd</sup> May and Assam & Meghalaya during 30<sup>th</sup> April- 03<sup>rd</sup> May; Nagaland, Manipur, Mizoram & Tripura during 29<sup>th</sup> April-04<sup>th</sup> May.

##### East India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 29<sup>th</sup> April-03<sup>rd</sup> May; Gangetic West Bengal during 29<sup>th</sup> April-05<sup>th</sup> May.
- **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Bihar during 29<sup>th</sup> April-03<sup>rd</sup> May; Jharkhand and Odisha during 29<sup>th</sup> April- 05<sup>th</sup> May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal, Bihar, Jharkhand, Odisha on 29<sup>th</sup> & 30<sup>th</sup> April.
- **Isolated extremely heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 29<sup>th</sup> April.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 29<sup>th</sup> April- 03<sup>rd</sup> May; Gangetic West Bengal on 29<sup>th</sup> & 30<sup>th</sup>; Bihar on 29<sup>th</sup> with isolated **very heavy falls** over Sub-Himalayan West Bengal & Sikkim on 30<sup>th</sup> April & 01<sup>st</sup> May.
- **Isolated Hailstorm activity** likely over Odisha on 29<sup>th</sup>; Jharkhand on 30<sup>th</sup> April.

##### Central India:

- **Isolated light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh and Chhattisgarh during next 5 days; Vidarbha on 29<sup>th</sup> and on 02<sup>nd</sup> & 03<sup>rd</sup> May.

##### South Peninsular India:

- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching**

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**30-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Telangana and South Interior Karnataka during 29<sup>th</sup> April-03<sup>rd</sup> May; Lakshadweep on 29<sup>th</sup> & 30<sup>th</sup> April and North Interior Karnataka during 29<sup>th</sup> April -01<sup>st</sup> May with lightning Rayalaseema during 29<sup>th</sup> April -03<sup>rd</sup> May; Coastal Karnataka during 29<sup>th</sup> April- 01<sup>st</sup> May.

- **Heavy rainfall** also likely over Kerala & Mahe during 29<sup>th</sup> April-02<sup>nd</sup> May; South Interior Karnataka on 29<sup>th</sup> & 30<sup>th</sup> April; Tamil Nadu, Puducherry & Karaikal during 30<sup>th</sup> April-02<sup>nd</sup> May.
- Isolated **Hailstorm activity** likely over Telangana on 29<sup>th</sup>; Interior Karnataka on 29<sup>th</sup> & 30<sup>th</sup> April.

#### Forecast of maximum/day temperatures:

- Gradual fall in maximum temperatures by 3-5°C likely over Western Himalayan Region till 30<sup>th</sup> April; gradual rise by 3-5°C during 01<sup>st</sup> -03<sup>rd</sup> May and fall by 2-4 °C on 04<sup>th</sup> & 05<sup>th</sup> May.
- No significant change in maximum temperatures likely over plains of Northwest India except Uttar Pradesh till 29<sup>th</sup>; gradual rise by 2-3°C on 30<sup>th</sup> April & 01<sup>st</sup> May and gradual fall by 2-3°C during 02<sup>nd</sup> – 05<sup>th</sup> May.
- Gradual fall in maximum temperatures by about 2°C likely over Central India till 01<sup>st</sup> May and no significant change during 02<sup>nd</sup> -05<sup>th</sup> May.
- Gradual fall in maximum temperatures by 2-3°C likely over East India till 01<sup>st</sup> May and no significant change during 02<sup>nd</sup> -05<sup>th</sup> May.
- Gradual fall in maximum temperatures by 2-3°C likely over Maharashtra till 02<sup>nd</sup> May and thereafter no significant change during 03<sup>rd</sup> -05<sup>th</sup> May.
- Gradual fall in maximum temperatures by 2-3°C likely over Gujarat State till 01<sup>st</sup> May and thereafter no significant change during 02<sup>nd</sup>-05<sup>th</sup> May.
- No significant change in maximum temperatures likely over rest parts of the country.

#### Heat wave, Hot & Humid weather and Warm night conditions warning:

- **Heat wave conditions** very likely in some places of Vidarbha on 29<sup>th</sup>; West Rajasthan during 01<sup>st</sup> -03<sup>rd</sup> May.
- **Hot & humid weather conditions** very likely to prevail in isolated pockets over Odisha during 29<sup>th</sup> April-01<sup>st</sup> May; Tamil Nadu, Puducherry & Karaikal and Coastal Andhra Pradesh & Yanam during 29<sup>th</sup> -03<sup>rd</sup> May, Coastal Karnataka on 29<sup>th</sup> & 30<sup>th</sup> April.
- **Warm night conditions** very likely to prevail in isolated pockets over East Madhya Pradesh on 29<sup>th</sup> April.

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### Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Sub Himalayan West Bengal & Sikkim; **at many places** over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **at a few places** over Arunachal Pradesh, Haryana-Chandigarh-Delhi, Punjab, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; **at isolated places** over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Jharkhand, Bihar, West Uttar Pradesh, Uttarakhand, West Rajasthan, East Rajasthan, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Coastal 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:** Hilla T.e. (dist Jalpaiguri) 20; Jiti T.e. (dist Jalpaiguri) 18; Chalouni Tea Estate (dist Jalpaiguri), Kurti T.e. (dist Jalpaiguri) 12 Each; Mathabhanga (dist Cooch Behar) 11; Karballa Tea Estate (dist Jalpaiguri) 10; Gangtok (dist Gangtok), Jhallong (dist Kalimpong) 9 Each; Majitar (dist Pakyong), Tadong (dist Gangtok), Cooch Behar (dist Cooch Behar), Ghatia T.e. (dist Jalpaiguri), Lava (dist Kalimpong) 8 Each; Khanitar (dist Pakyong), Amfu Majhian (dist South Dinajpur), Amfu Pundibari (dist Cooch Behar), Aibheel Tea Estate (dist Jalpaiguri), Damdim Tea Estate (dist Jalpaiguri), Indong T.e. (dist Jalpaiguri) 7 Each; Pedong (dist Kalimpong), Jalpaiguri (dist Jalpaiguri), Pakyong (dist Pakyong), Bhagatpur Tea Estate (dist Jalpaiguri), Dharala Valley Tea Estate (dist Jalpaiguri), Gandrapara Tea Garden (dist Jalpaiguri), Maynaguri College (dist Jalpaiguri), Moraghat Tea Estate (dist Jalpaiguri), Zurrantee T.e (dist Jalpaiguri), Mangan (dist Mangan), Munsong (dist Kalimpong) 6 Each; Champasari (dist Darjeeling), Chepan (dist Alipurduar), Rongli (dist Pakyong), Suryasen Mahavidyalaya (dist Darjeeling), Baintgoorie T.e. (dist Jalpaiguri), Baradighi T.e. (dist Jalpaiguri), Gairkata Tea Estate (dist Jalpaiguri), Kumlai T.e. (dist Jalpaiguri), Noweranuddi Tea Garden (dist Jalpaiguri), Tra Nagrakata (dist Jalpaiguri), Jaybirpara Tea Estate (dist Alipurduar) 5 Each; **Nagaland, Manipur, Mizoram & Tripura:** Sonamura ARG (dist Sipahijala) 12; Gandachara AWS (dist Dhalai) 10; Dm Office ARG (dist West Tripura) 9; Arundhutinagar (dist West Tripura), Udaipur (dist Gomati), Amarpur (dist Gomati), A D Nagar AWS (dist West Tripura) 8 Each; Agartala AP (dist West Tripura), Met Agartala AWS (dist West Tripura), Hrc Nagicherra ARG (dist West Tripura), Khumluwang ARG (dist West Tripura), Bagafa (dist South Tripura), Khowai (dist Khowai) 7 Each; Sabroom (dist South Tripura), Belonia (dist South Tripura), Lembuchhera (dist West Tripura), Sabroom AWS (dist South Tripura) 6 Each; Amarpur ARG (dist Gomati) 5; **Assam & Meghalaya:** Goalpara PTO (dist Goalpara) 9; Dhupdhara ARG (dist Goalpara) 8; Rangia (dist Kamrup (rural)), Mawkyrwat (dist South West Khasi Hills) 7 Each; Melabazar/Matunga (dist Nalbari), Resubelpara (dist North Garo Hills) 6 Each; Puthimari (dist Kamrup (rural)), Bajali AWS (dist Bajali) 5 Each; **Kerala & Mahe:** Konni (dist Pathanamthitta) 9; Venkurinji AWS (dist Pathanamthitta) 7; **South Interior Karnataka:** Nayakanahatty (dist Chitradurga) 5; **Odisha:** Sorada (dist Ganjam), Sankheimundi (dist Ganjam) 5 Each.

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

❖ **Hailstorm (from 0830 hours IST of yesterday to 0830 hours IST of today):** reported over Uttarakhand, Odisha, Interior Karnataka and Telangana.

❖ **Heat Wave conditions (from 0830 hours IST of yesterday to 0830 hours IST of today):** prevailed in isolated pockets of East Uttar Pradesh, Vidarbha and Odisha.

❖ **Warm night conditions (from 0830 hours IST of yesterday to 0830 hours IST of today):** prevailed in isolated pockets over Uttar Pradesh.

❖ **Minimum Temperature Departures (as on 29-04-2026):** were appreciably above normal (3.1°C to 5.0°C) over Meghalaya, Odisha; above normal (1.6 to 3.0°C) over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttar Pradesh, West Rajasthan, Saurashtra & Kutch, Madhya Pradesh, Jharkhand, Chhattisgarh, Gangetic West Bengal, Maharashtra, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, South Interior Karnataka; below normal (-3.0°C to -1.6°C) over Haryana Chandigarh & Delhi, Tripura and near normal over rest parts of the country. **the lowest minimum temperature of 19.5 °C was observed at Najibabad (West Uttar**

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**Pradesh) over the plains of India..**

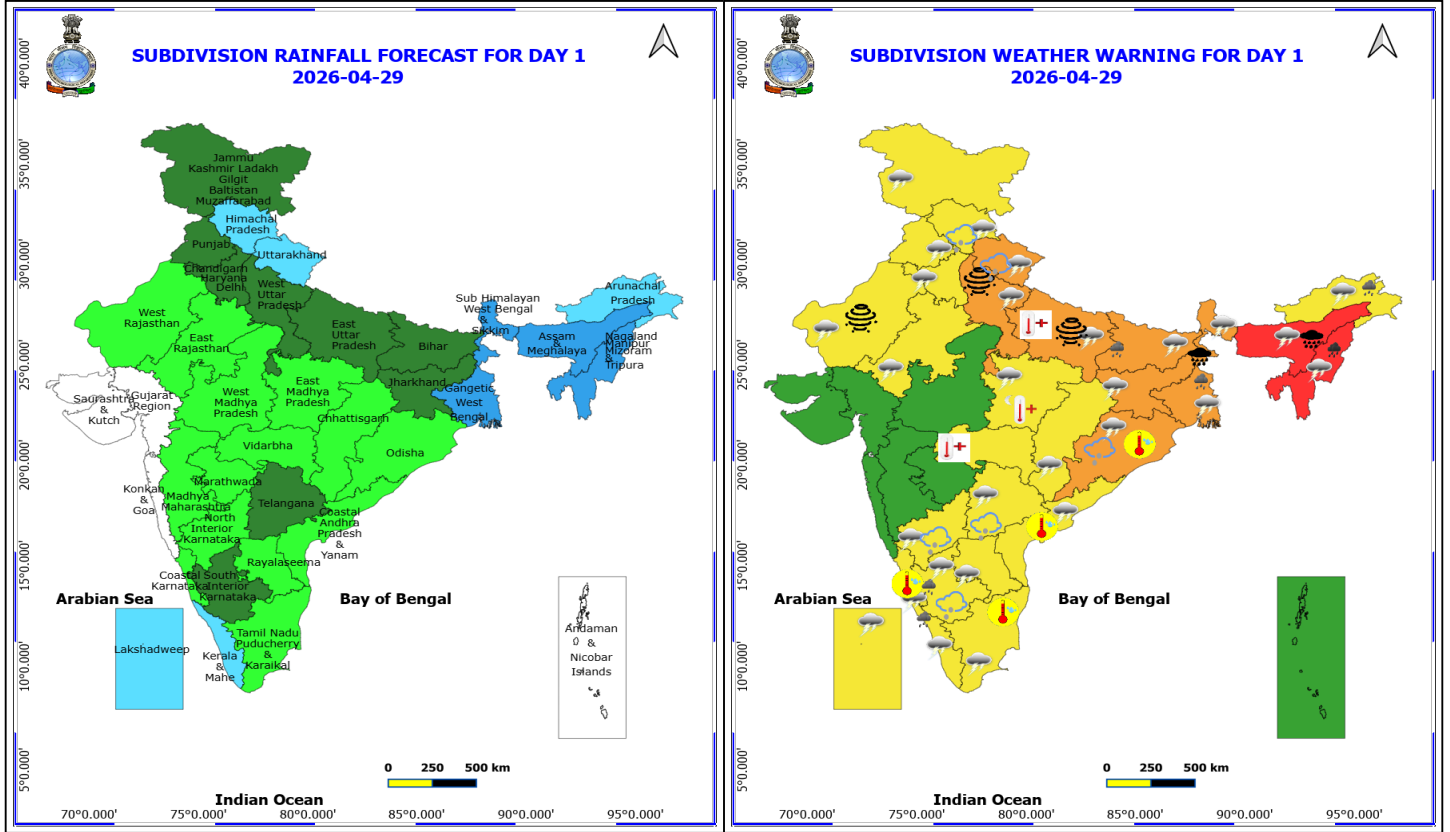
❖ **Maximum Temperature Departures (as on 28-04-2026):** were **appreciably above normal (3.1°C to 5.0°C)** at isolated places over East Madhya Pradesh, East Uttar Pradesh, Kerala & Mahe, Konkan & Goa, Odisha, Saurashtra & Kutch, Uttarakhand, West Uttar Pradesh; **above normal (1.6°C to 3.0°C)** at most places over Marathwada; at many places over Vidarbha; at a few places over Andaman & Nicobar Islands, Arunachal Pradesh, Coastal Karnataka, Madhya Maharashtra, North Interior Karnataka, South Interior Karnataka, Telangana; at isolated places over Northeast Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat Region, Jharkhand, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, West Madhya Pradesh, West Rajasthan; These were **markedly below normal (-5.1°C or less)** at most places over Nagaland, Manipur, Mizoram & Tripura; at a few places over Himachal Pradesh; at isolated places over Assam & Meghalaya, Bihar, Sub-Himalayan West Bengal & Sikkim; **appreciably below normal (-3.1°C to -5.0°C)** at a few places over Punjab; at isolated places over Haryana-Chandigarh-Delhi, Jammu & Kashmir; **below normal (-3.0°C to -1.6°C)** at isolated places over Gangetic West Bengal and near normal over rest parts of the country. **The highest maximum temperature of 45.6°C was reported at BANDA (UTTAR PRADESH).**

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

- The **Western Disturbance** seen as a cyclonic circulation over north Pakistan & adjoining Kashmir between 3.1 & 5.8 km above mean sea level tilting northwestwards with height with a trough aloft in middle and Upper tropospheric westerlies with its axis at 7.6 km above mean sea level roughly along Long. 72°E to the north of Lat. 30°N.
- An **induced upper air cyclonic circulation** lies over Punjab & neighbourhood at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over southwest Rajasthan & neighbourhood at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over central parts of south Uttar Pradesh & neighbourhood now lies over Southeast Uttar Pradesh & neighbourhood at 0.9 km above mean sea level.
- The **north-south trough** from north Punjab to southwest Rajasthan persists and now seen at 1.5 km above mean sea level.
- The east-west **trough** now runs from the **upper air cyclonic circulation** over southeast Uttar Pradesh to Nagaland across Bihar, Jharkhand, north Gangetic West Bengal, Bangladesh and south Assam at 0.9 above mean sea level.
- The **upper air cyclonic circulation** over Sub-Himalayan West Bengal & neighbourhood at 0.9 km above mean sea level has merged with the above trough.
- The **trough/ wind discontinuity** from Rayalaseema to Comorin Area now runs from North Interior Karnataka to Gulf of Mannar across south Interior Karnataka and Tamil Nadu at 0.9 km above mean sea level.
- The **Anti-cyclonic circulation** over interior Maharashtra and adjoining Telangana at 3.1 km above mean sea level persists.
- An **upper air cyclonic circulation** lies over northeast Bangladesh & neighbourhood and extends upto 5.8 km above mean sea level.
- A **trough** runs from northeast Madhya Pradesh to the **upper air cyclonic circulation** over northeast Bangladesh across Jharkhand and Gangetic West Bengal at 1.5 km above mean sea level
- A fresh **western disturbance** is likely to affect Western Himalayan Region from the 02<sup>nd</sup> May 2026.
- The **trough** in westerlies with its axis at 5.8 km above mean sea level roughly along Long. 90°E to the north of Lat. 21°N has become less marked.

### Weather Outlook for subsequent 3 days

- **Widespread** rainfall activity likely over Northeast India and adjoining East India.
- Isolated to Scattered rainfall activity likely over North India and Southern parts of Peninsular India.



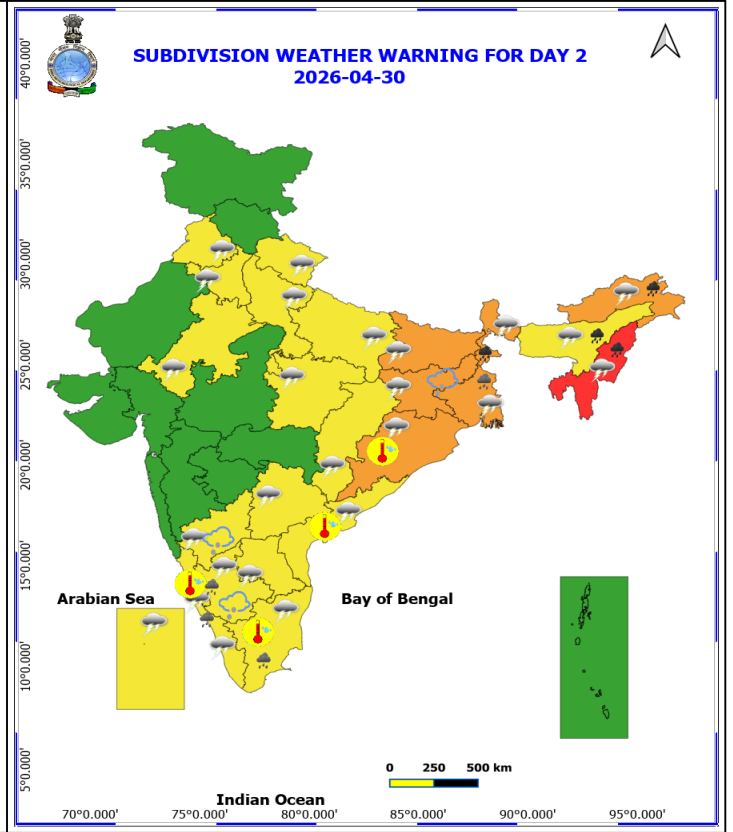
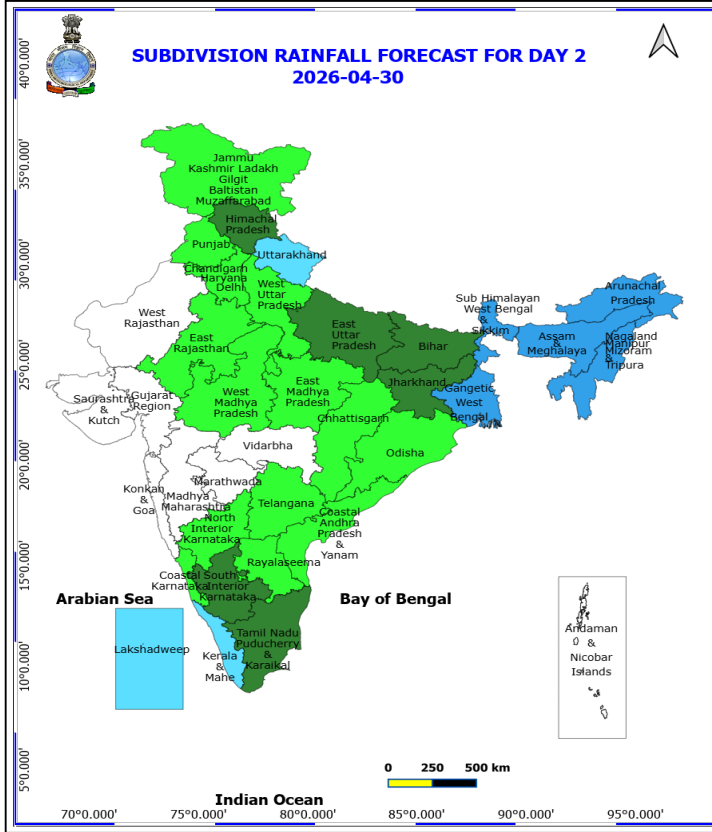
**29 April (Day 1)**

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

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- ❖ **Heat Wave conditions** very likely at isolated places over East Uttar Pradesh and Vidarbha.
  - ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Odisha and Tamil Nadu Puducherry & Karaikal.
  - ❖ **Warm Night conditions** very likely at isolated places over East Madhya Pradesh.
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- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Odisha, West Bengal Coasts & adjoining Bangladesh Coast, over many parts of northwest Bay of Bengal and adjoining parts of northeast Bay of Bengal.



### 30 April (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Gangetic West Bengal, Kerala & Mahe, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Interior Karnataka and Jharkhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar, Gangetic West Bengal, Jharkhand, Nagaland, Manipur, Mizoram and Tripura and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Interior Karnataka, Kerala & Mahe, Punjab, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, East Rajasthan, Lakshadweep, Telangana and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Karnataka, Rayalaseema and Tamil Nadu Puducherry & Karaikal.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Odisha and Tamil Nadu Puducherry & Karaikal.

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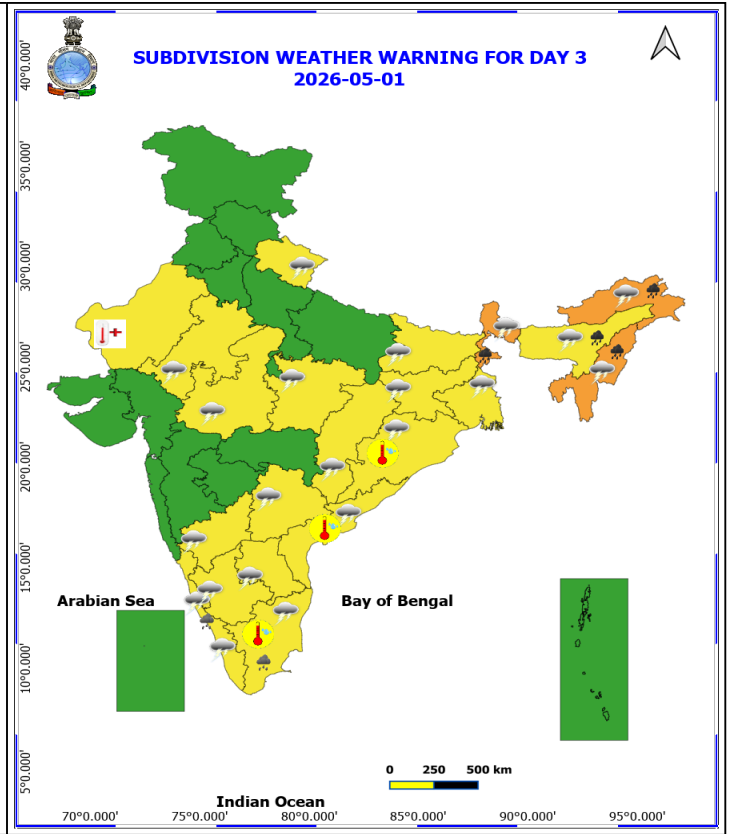
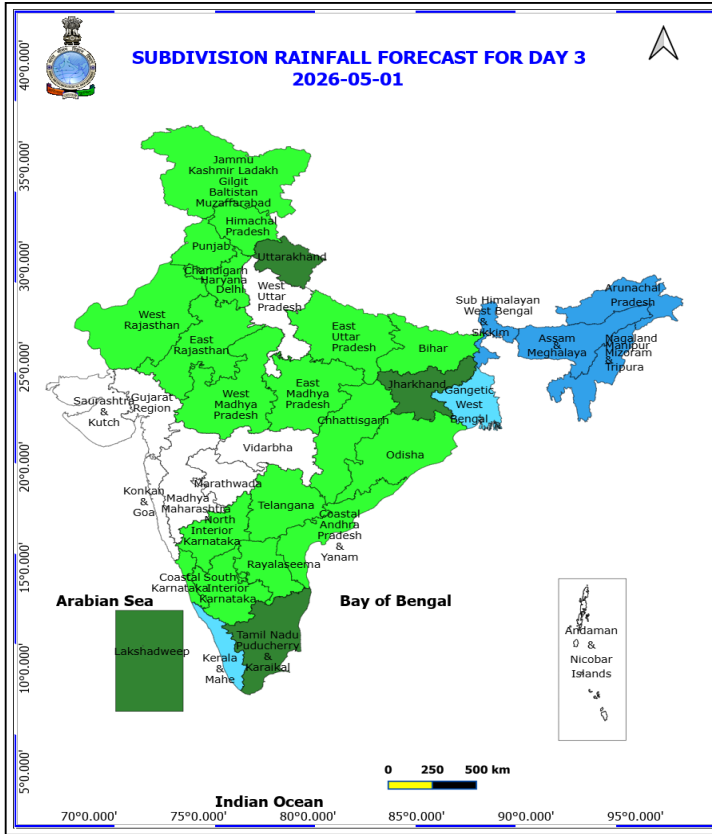
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❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Odisha, West Bengal Coasts & adjoining Bangladesh Coast, over many parts of northwest Bay of Bengal and adjoining parts of northeast Bay of Bengal.



### 1 May (Day 3)

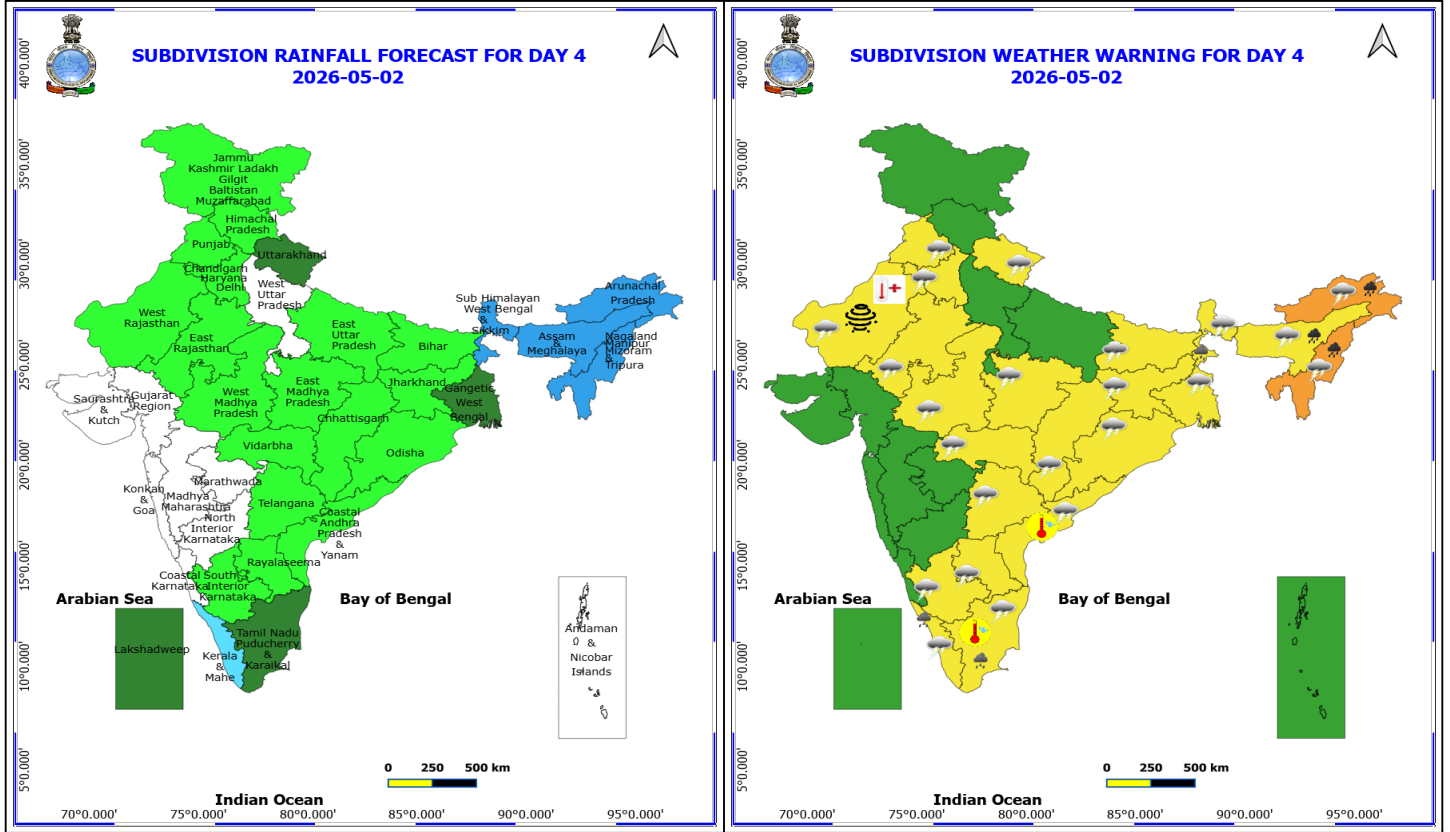
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Jharkhand, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, East Rajasthan, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Karnataka, North Interior Karnataka and Rayalaseema.
- ❖ **Heat Wave conditions** very likely at isolated places over West Rajasthan.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Odisha, West Bengal Coasts & adjoining Bangladesh Coast, over many parts of northwest Bay of Bengal and adjoining parts of northeast Bay of Bengal.

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## 2 May (Day 4)

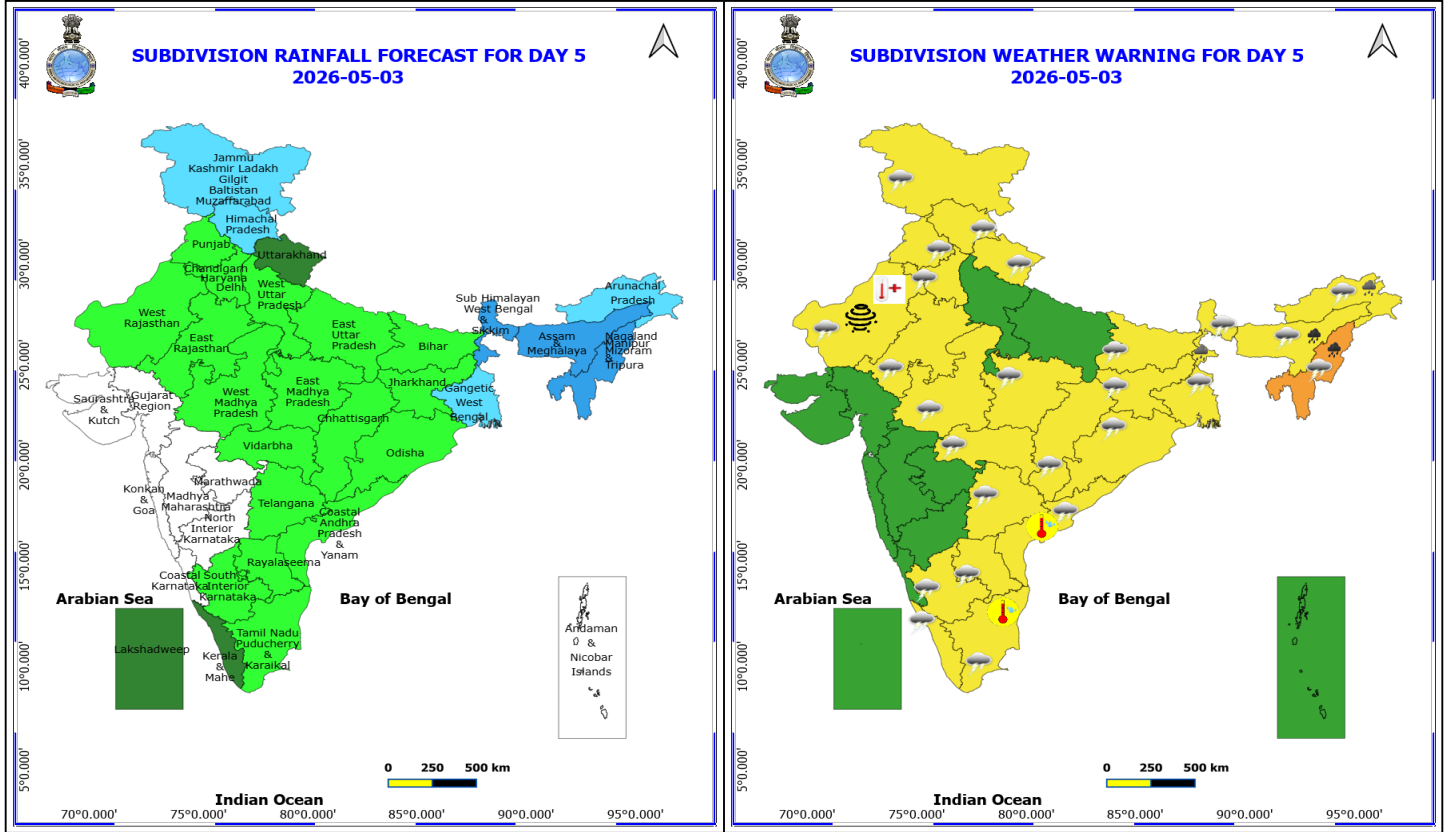
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Jharkhand, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Vidarbha, West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh and Rayalaseema.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.
- ❖ **Heat Wave conditions** likely at isolated places over West Rajasthan.
- ❖ **Hot and Humid weather** likely at isolated places over Coastal Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Odisha, West Bengal Coasts & adjoining Bangladesh Coast, over many parts of northwest Bay of Bengal and adjoining parts of northeast Bay of Bengal.

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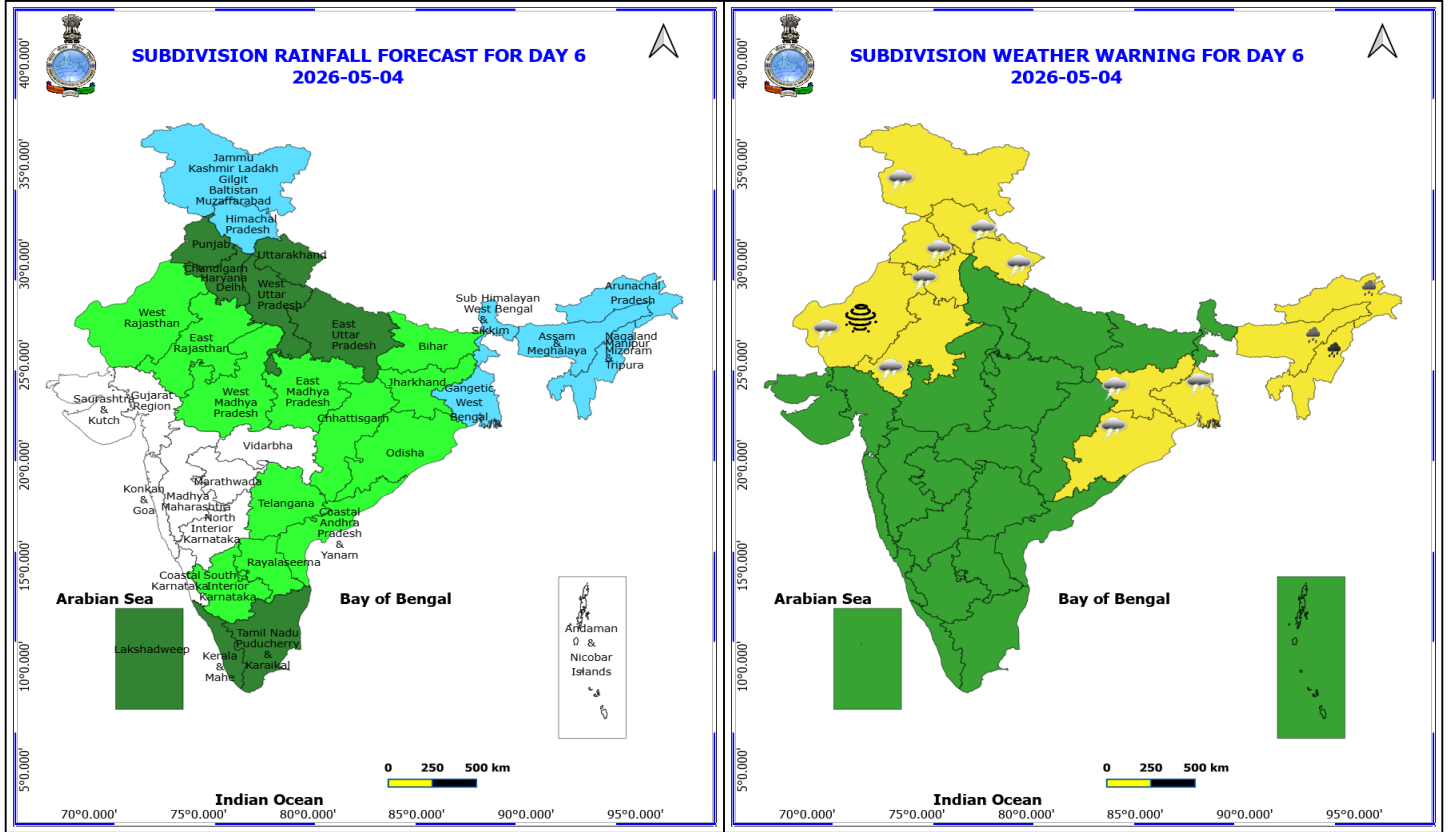
**3 May (Day 5)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Jharkhand, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Odisha, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh and Rayalaseema.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.
- ❖ **Heat Wave conditions** likely at isolated places over West Rajasthan.
- ❖ **Hot and Humid weather** likely at isolated places over Coastal Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.

**No Fishermen Warning**

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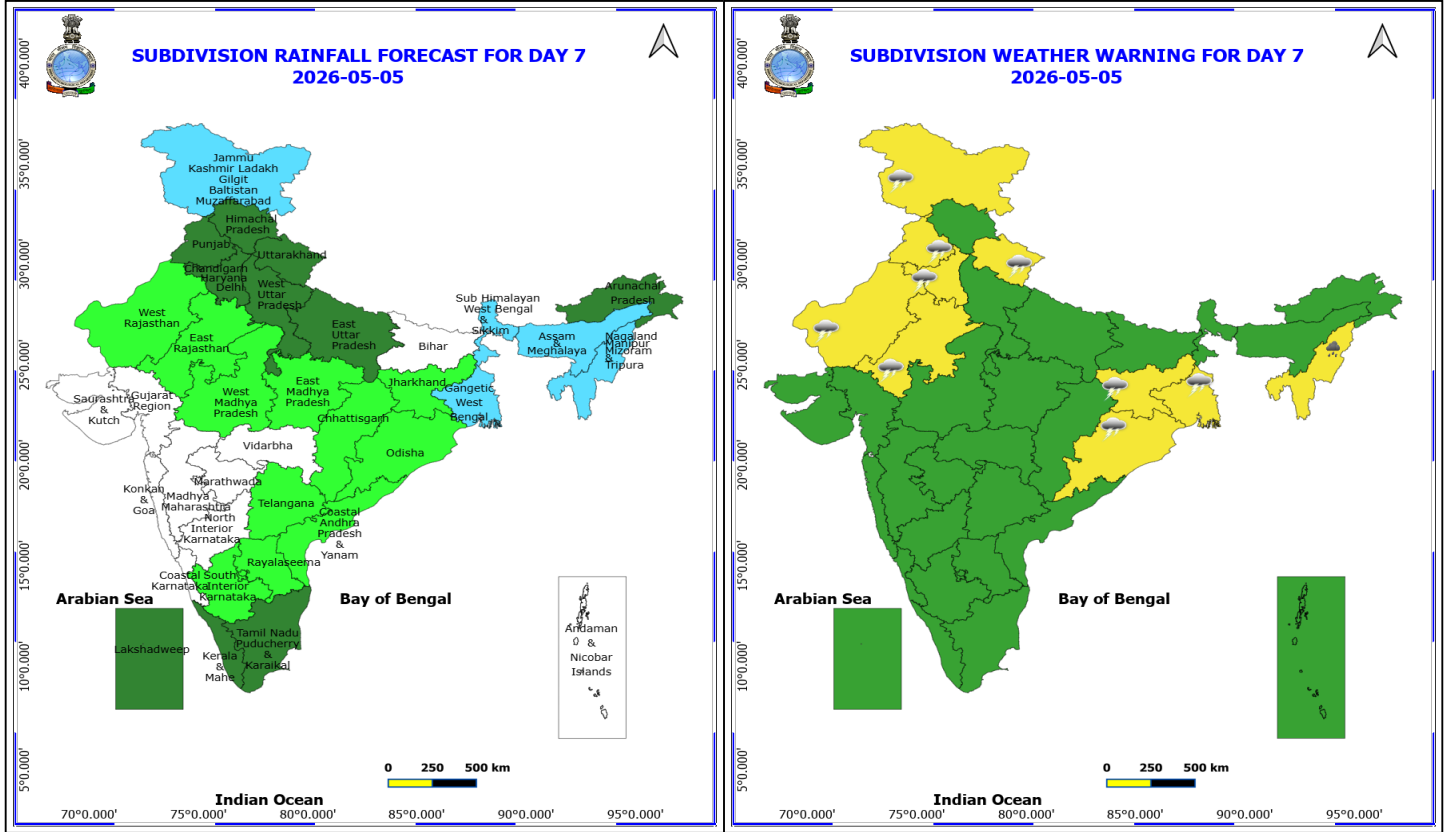
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**4 May (Day 6)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand, Punjab, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Odisha.
- ❖ **Dust Storm** likely at isolated places over West Rajasthan.

**No Fishermen Warning**



**5 May (Day 7)**

- ❖ **Heavy Rainfall** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand, Punjab, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Odisha.

**No Fishermen Warning**



**Table-1**

**7 Days Rainfall Forecast**

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

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

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Fig. 1: Maximum Temperatures Dated 2026-04-28

Fig. 2: Departure of Maximum Temp. Dated 2026-04-28

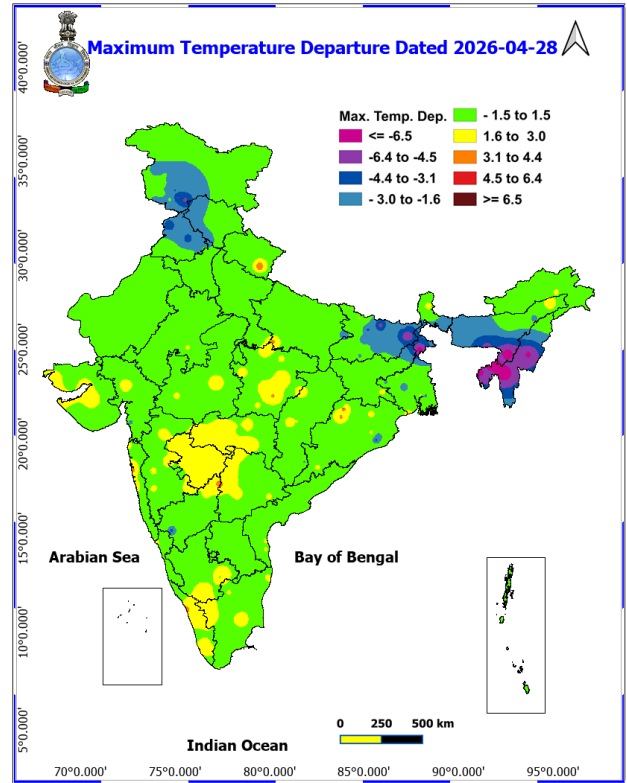
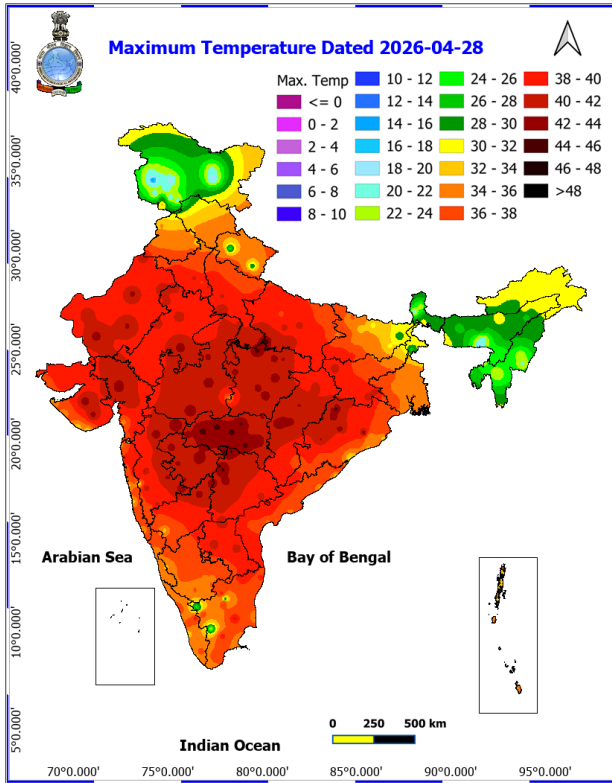
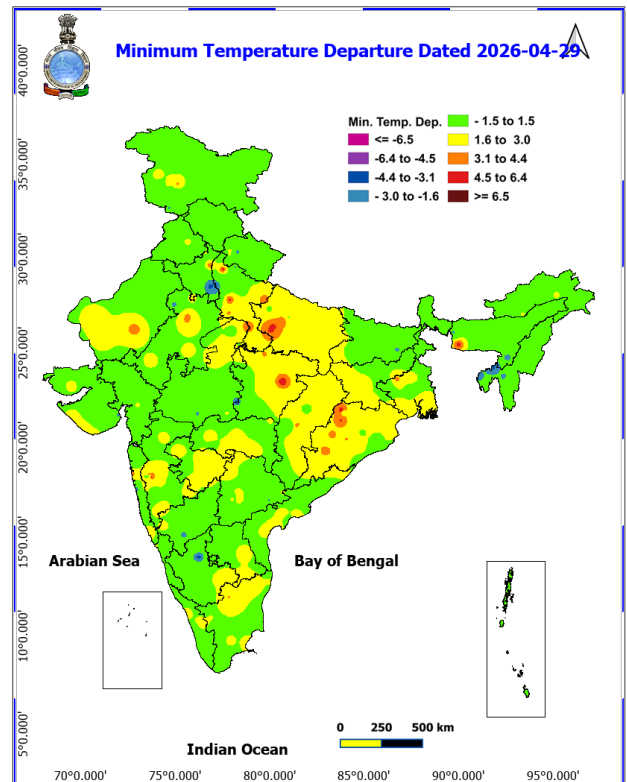
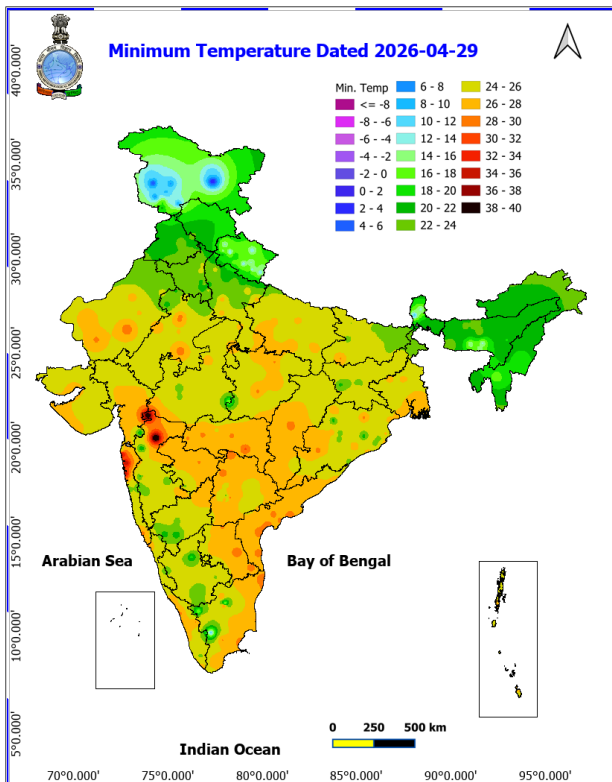


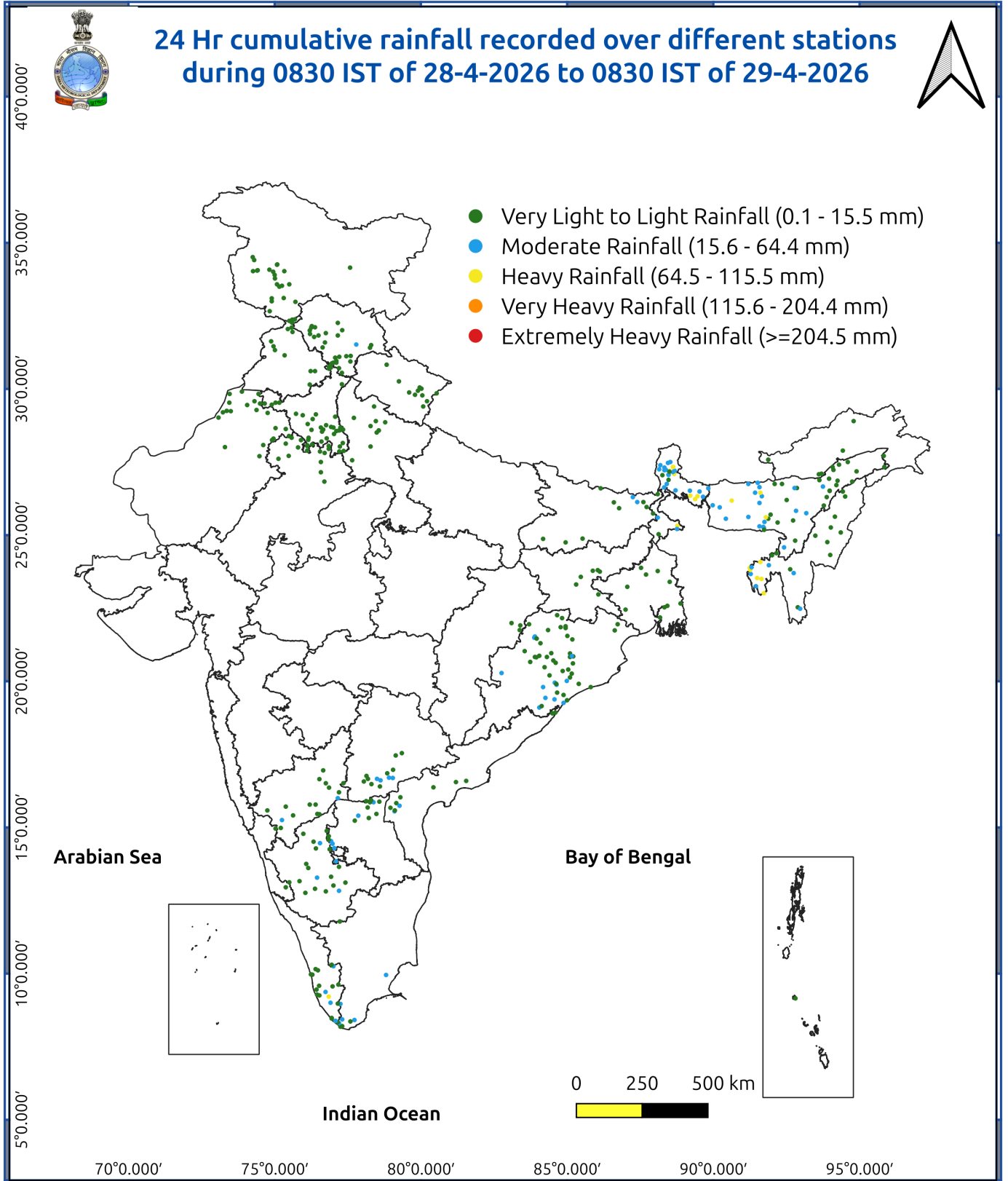
Fig. 3: Minimum Temperatures Dated 2026-04-29

Fig. 4: Departure of Minimum Temp. Dated 2026-04-29



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## Impact and Actions

### Impact & suggested due to heavy rainfall

- **Isolated extremely heavy rainfall** likely over Assam & Meghalaya on 29<sup>th</sup> April.
- **Isolated heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 29<sup>th</sup> April-04<sup>th</sup> May, Nagaland, Manipur, Mizoram & Tripura during 29<sup>th</sup> April-05<sup>th</sup> May with isolated **very heavy rainfall** likely over Arunachal Pradesh during 30<sup>th</sup> April-02<sup>nd</sup> May and Assam & Meghalaya during 30<sup>th</sup> April- 03<sup>rd</sup> May; Nagaland, Manipur, Mizoram & Tripura during 29<sup>th</sup> April-04<sup>th</sup> May; over Sub-Himalayan West Bengal & Sikkim on 29<sup>th</sup> April; over Kerala & Mahe during 29<sup>th</sup> April-02<sup>nd</sup> May; South Interior Karnataka on 29<sup>th</sup> & 30<sup>th</sup> April; Tamil Nadu, Puducherry & Karaikal during 30<sup>th</sup> April-02<sup>nd</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

- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Uttar Pradesh 29<sup>th</sup> April; over Nagaland, Manipur, Mizoram & Tripura on 29<sup>th</sup> & 30<sup>th</sup> April; over Gangetic West Bengal, Bihar, Jharkhand, Odisha on 29<sup>th</sup> & 30<sup>th</sup> April.
- Isolated **Hailstorm activity** likely over East Uttar Pradesh, Himachal Pradesh & Uttarakhand on 29<sup>th</sup> April; over Odisha on 29<sup>th</sup>; Jharkhand on 30<sup>th</sup> April; over Telangana on 29<sup>th</sup>; Interior Karnataka on 29<sup>th</sup> & 30<sup>th</sup> April.

### 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.

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- 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** very likely in some places of Vidarbha on 29<sup>th</sup>; West Rajasthan during 01<sup>st</sup> -03<sup>rd</sup> May.

#### Alert Areas

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

#### Agromet advisories for various parts of the country

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

- In **Himachal Pradesh, Uttarakhand, Odisha, Jharkhand, Interior Karnataka and Telangana**, 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**, shift the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places. Ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards.
- In **Assam**, maintain proper drainage to avoid water stagnation in the crop fields. Prioritise immediate harvesting of the mature crops and move the produce to a dry, covered warehouse. Use plastic sheets or temporary nets to cover sensitive nursery beds.
- **Meghalaya**- Postpone sowing of carrot, okra, French bean. Provide proper drainage in maize, ginger and tomato. Provide staking/bamboo support to prevent lodging.
- **Nagaland, Manipur, Mizoram and Tripura** maintain a 5-8 cm water level during the early vegetative stage pre-kharif rice, avoiding rainwater stagnation for long periods in the crop field.
- In **West Bengal and Sikkim**, ensure proper field drainage to prevent waterlogging, particularly in ginger, tomato, and *Dalle Khorsani* fields. Protect the nurseries of cucurbits and *Dalle Khorsani* by covering them with polyethylene sheets or agro-net to safeguard young seedlings. Additionally, apply locally available mulching materials in ginger fields to minimize the direct impact of rainfall.
- In **Kerala**, provide adequate drainage for banana, coconut and other vegetables in Kerala. Provide support to banana plants.

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

- **Maharashtra –Vidarbha** - apply need-based light and frequent irrigation to summer green gram, groundnut, onion, sunflower, sesame, fodder crops, orchards, and vegetables during cooler hours. Use straw mulch in vegetable and orchard crops to reduce evaporation, and install shade nets for newly planted crops.

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- **Madhya Pradesh** - Apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- **Rajasthan** - Provide light irrigation to maintain adequate moisture in standing crops such as Zaid moong, American cotton & *Desi* cotton, okra, watermelon, muskmelon, *tinda*, cucumber & long melon.
- **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.
- **Telangana** - Provide irrigation to mango orchards and vegetable crops, as required.
- Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture in the standing crops.

#### Agromet advisories for likely impact of Thunderstorm / Gusty Winds

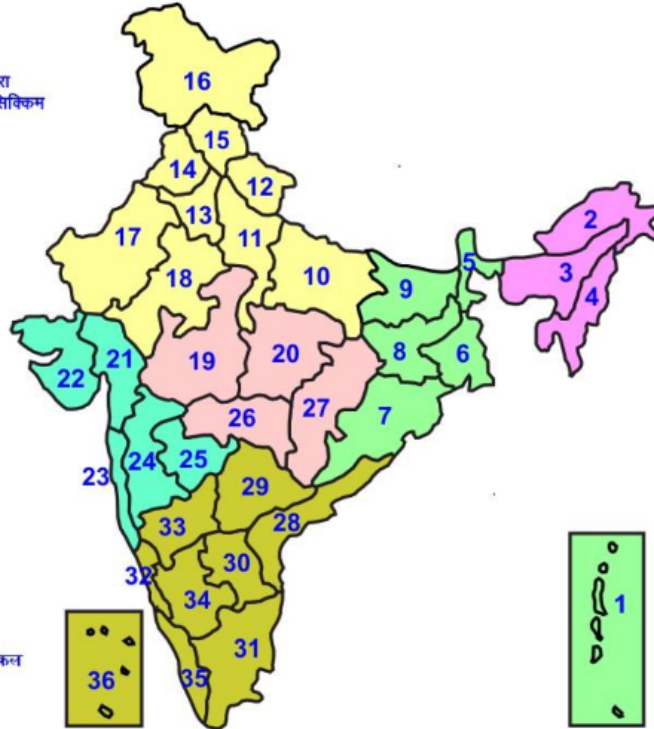
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

#### Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them 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

- 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              |                 |                      |                    |

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## 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

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