

2026-04-20

Time of Issue: 14:52:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings :

Northwest India:

Isolated to Scattered light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 24th & 25th; Himachal Pradesh on 25th & 26th April.

Northeast India:

Fairly widespread to widespread light to moderate rainfall with **thunderstorm, lightninggusty winds (speed reaching 30-50 kmph)** likely over Arunachal Pradesh on 20th & 21st; Assam & Meghalaya during 20th -24th; Nagaland, Manipur, Mizoram & Tripura during 20th & 21st April; **with lightning** over **Nagaland, Manipur, Mizoram & Tripura** on 22nd & 23rd April.

Isolated heavy rainfall likely over Arunachal Pradesh during 20th-22nd, 25th & 26th; Assam & Meghalaya during 20th-21st with isolated **very heavy rainfall** likely over Arunachal Pradesh on 21st April.

East India:

Isolated to scattered light to moderate rainfall with **thunderstorm, lightninggusty winds (speed reaching 30-50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 20th-26th; Gangetic West Bengal on 26th; Jharkhand on 20th & 24th; Odisha during 21st-24th April.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Bihar on 21st, 24th & 25th; Odisha on 20th April.

Central India:

Isolated light rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Madhya Pradesh on 20th and Chhattisgarh & Vidarbha on 20th & 21nd April.

Isolated **Hailstorm activity** likely over Madhya Pradesh, Vidarbha & Chhattisgarh on 20th April.

South Peninsular India:

Isolated light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Tamil Nadu on 20th; Kerala & Mahe during 20th -22nd; South Interior Karnataka, Telangana, Coastal Andhra Pradesh & Yanam, Rayalaseema during 20th -24th; **with lightning** over Tamil Nadu during 21st-23rd; Coastal Karnataka, North Interior Karnataka during 20th -24th April.

Isolated **Hailstorm activity** likely over Telangana on 20th April.

West India:

Isolated light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Madhya Maharashtra, Marathwada during 20th -24th; **with lightning** over Konkan & Goa on 20th, 21st & 23rd April.

Isolated **Hailstorm activity** likely over Madhya Maharashtra and Marathwada on 20th April.

Forecast of maximum/day temperatures:

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Gradual rise in maximum temperatures by 3-4°C likely over Northwest India during 20th-24th April and no significant change on 25th & 26th April.

No significant change in maximum temperatures likely over central India during 20th-22nd and Gradual rise in maximum temperatures by 2-3°C thereafter during 23th – 26th April.

No significant change in maximum temperatures likely over Northeast India during 20th-22nd and Gradual rise in maximum temperatures by 2-3°C thereafter during 23th – 26th April.

Gradual fall in maximum temperatures by 2-3°C likely over Maharashtra during 20th & 21st April and no significant change during 22nd -24th April and thereafter Gradual rise in maximum temperatures by 2-3°C on 25th & 26th April

No significant change in maximum temperatures likely over Gujrat State during 20th-23rd and Gradual rise in maximum temperatures by 2-3°C thereafter during 24th – 26th April.

No significant change in maximum temperatures likely over rest parts of the country during 20th to 26th April.

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

Heat wave conditions very likely in isolated pockets of Haryana Chandigarh & Delhi, Punjab, East Rajasthan, Vidarbha, Chhattisgarh during 20th-24th, West Uttar Pradesh during 20th-25th, West Rajasthan on 22nd & 23rd; Madhya Pradesh during 22nd – 24th; Gangetic West Bengal on 21st & 22nd, Jharkhand during 20th – 22nd, Odisha during 22nd -24th; and **Scattered** pockets of East Uttar Pradesh on 23rd April.

Hot & humid weather conditions very likely to prevail in isolated pockets over Gangetic West Bengal during 20th-26th; Tamil Nadu, Puducherry & Karaikal during 20th – 22nd; Kerala & Mahe, Coastal Andhra Pradesh & Yanam during 20th -24th; coastal areas of Gujrat on 24th & 25th April.

Warm night conditions very likely to prevail in isolated pockets over Haryana, Chandigarh, West Uttar Pradesh

Madhya Pradesh, Vidarbha on 20th & 21th, Chhattisgarh on 20th; and Odisha during 20th-22nd April.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at many places** over Assam & Meghalaya; **at a few places** over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, North Interior Karnataka and Kerala & Mahe; **at isolated places** over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Jharkhand, Uttarakhand, Himachal Pradesh, West Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathwada, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal 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): **Assam & Meghalaya:** Guwahati AP (dist Kamrup Metropolitan) 12; Guwahati AWS (dist Kamrup Metropolitan) 11; Kamakhya ARG (dist Kamrup Metropolitan) 10; Barpathar (dist Golaghat) 7; Goalpara PTO (dist Goalpara), Dhupdhara ARG (dist Goalpara), Aie Nh Xing (dist Bongaigaon) 4 Each; Bihubar (dist Sibsagar), Dhemaji (dist Dhemaji), Laharighat ARG (dist Morigaon), Dhubri IMD (dist Dhubri) 3 Each; Dhubri CWC (dist Dhubri), D/Mohanbari AP (dist Dibrugarh), Bahalpur (dist Dhubri), Barpeta (dist Barpeta), Beky Rly. bridge (dist Barpeta), Williamnagar (dist East Garo Hills), Kokrajhar (dist Kokrajhar) 2 Each; **Nagaland, Manipur, Mizoram & Tripura:** Mokokchang (dist Mokokchung) 11; Mangkolemba (dist Mokokchung) 3; Wokha AWS (dist Wokha) 2; **Odisha:** Kotagarh (dist Kandhamal) 5; Dabugan (dist Nawarangpur), Swam-patna (dist Keonjhar) 4 Each; Karanjia (dist Mayurbhanj), Sharpada (dist Keonjhar) 3 Each; Pottangi (dist Koraput), Baripada (dist Mayurbhanj), Kotpad (dist Koraput), Ghasipura (dist Keonjhar), Oupada (dist Balasore) 2 Each; **Telangana:** Bhiknur (dist Kamareddy), Kamareddy (dist Kamareddy), Kandi AP (dist Sangareddy) 4 Each; Medchal (dist M. Malkajgiri), Sangareddy (dist Sangareddy), Ramayampet (dist Medak) 3 Each; Hakimpet IAF (dist M. Malkajgiri), Mominpet (dist Vikarabad), Marpalle (dist Vikarabad), Kondapur (dist Sangareddy) 2 Each; **North Interior Karnataka:** Hukkeri (dist Belagavi), Kakkeri (dist Yadgir) 4 Each; Gokak (dist Belagavi), Dharwad HOS (dist Dharwad) 2 Each; **Chhattisgarh:** Nangur (dist Bastar) 3; Sukma (dist Sukma), Orcha (dist Narayanpur) 2 Each; **Kerala & Mahe:** Kurudamannil (dist Pathanamthitta), Perumpavur (dist Ernakulam), Kuppady (dist Wynad), Palluruthy ARG (dist Ernakulam), Aluva AWS (dist Ernakulam), Laha AWS (dist Pathanamthitta), Alwaye PWD (dist Ernakulam) 2 Each; **Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad:** Nowgam (dist Kupwara) 2; **Sub Himalayan West Bengal & Sikkim:** Mangan (dist Mangan) 2.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Assam & Meghalaya. **Heavy rain** at isolated places over Nagaland, Manipur, Mizoram & Tripura.

A fresh spell of **heat wave conditions** commenced over the country from Haryana on 18th April, then it gradually extended to Delhi, Uttar Pradesh, Uttarakhand and East Madhya Pradesh as of today.

Maximum/day temperatures were markedly above normal (> 5.1°C) over Arunachal Pradesh, Assam; appreciably above normal (3.1°C to 5.0°C) over Himachal Pradesh, Punjab, Haryana Chandigarh & Delhi, Uttar Pradesh, East Madhya Pradesh, Vidarbha, Rayalaseema; below normal (-3.0°C to -1.6°C) over Jammu-Kashmir, West Bengal & Sikkim and near normal over rest parts of the country. were markedly above normal (> 5.1°C) at few places over Arunachal Pradesh, Uttarakhand and East Madhya Pradesh; at isolated places over Assam & Meghalaya, East Uttar Pradesh, West Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal. appreciably above normal (3.1°C to 5.0°C) at many places over West Uttar Pradesh, Punjab and Chhattisgarh; at most places over Haryana-Chandigarh-Delhi; at few places over Jharkhand, Bihar, Himachal Pradesh, Vidarbha and Rayalaseema; at isolated places over Gangetic West Bengal, East Rajasthan, Konkan & Goa, Madhya Maharashtra, Telangana, North Interior Karnataka and Kerala & Mahe. above normal (1.6°C to 3.0°C) at many places over West Rajasthan; at most places over South Interior Karnataka; at few places over Odisha, Gujarat Region and Marathwada; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad and Saurashtra & Kutch and near normal over rest parts of the country. **The highest maximum temperature of 45.0°C was reported at WARDHA & AKOLA (MAHARASHTRA).**

Minimum/night Temperature were appreciably above normal (3.1°C to 5.0°C) over Uttar Pradesh, Madhya Pradesh, Bihar, Chhattisgarh, Vidarbha, Jharkhand, Odisha, above normal (1.6 to 3.0°C) Himachal Pradesh, Uttarakhand, West Rajasthan, West Bengal & Sikkim, Assam & Meghalaya, Madhya Maharashtra, Marathwada, South Interior Karnataka, below normal (-3.0°C to -1.6°C) on North Interior Karnataka and near normal over rest parts of the country. **Today, the lowest minimum temperature of 16.5 °C was observed at Gurdaspur (Punjab) over the plains**

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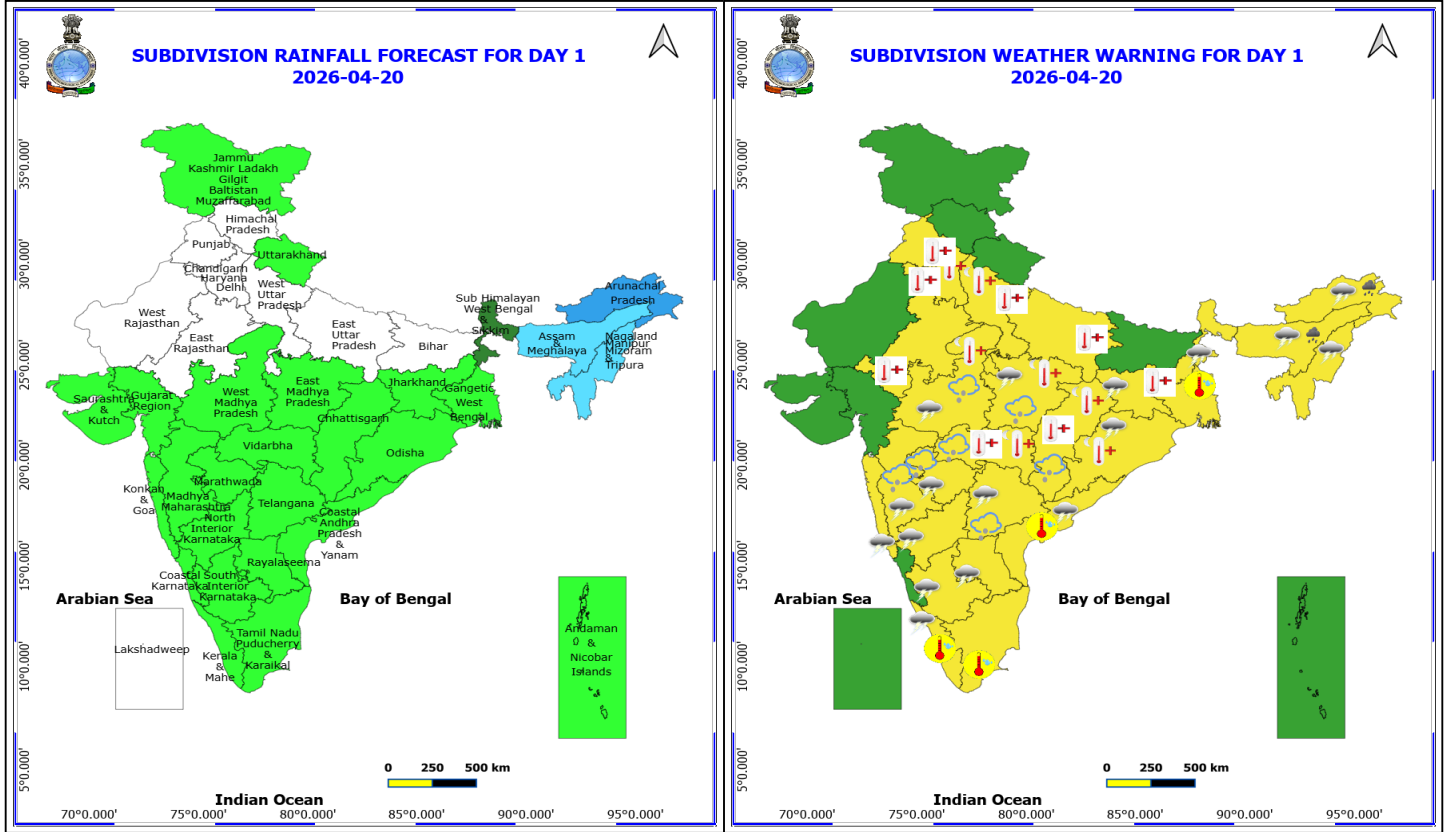
of India.

Meteorological Analysis (Based on 0830 hours IST)

- The **Western Disturbance** now seen as an **upper air cyclonic circulation** over Jammu & Kashmir and neighbourhood at 3.1 km above mean sea level.
- An **upper air cyclonic circulation** lies over southwest Rajasthan & neighbourhood at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over northeast Assam & neighbourhood at 1.5 km above mean sea level.
- A **trough/ wind discontinuity** runs from Telangana to Comorin area across Rayalaseema and Interior Tamil Nadu and extends upto 1.5 km above mean sea level.
- The **north-south trough** now runs from east Bihar to southwest Madhya Pradesh across Jharkhand and north Chhattisgarh at 0.9 km above mean sea level.
- **Subtropical westerly Jet Stream** with core winds of the order of 110 knots at 12.6 km above mean sea level prevails over north India.
- A **fresh Western Disturbance** is likely to affect Western Himalayan region from 23rd April.
- The **Anti-cyclonic circulation** over interior Maharashtra & adjoining Telangana and North Interior Karnataka between 3.1 & 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over East Uttar Pradesh & neighbourhood at 0.9 km above mean sea level has become less marked.
- The **east-west trough** from the **cyclonic circulation** over East Uttar Pradesh to Manipur at 0.9 km above mean sea level has become less marked.
- Another **north-south trough in easterlies** from Gulf of Mannar to North Interior Karnataka at 0.9 km above mean sea level has become less marked.

Weather Outlook for subsequent 3 days

- **Widespread** rainfall activity likely over Northeast India, Western Himalayan Region and Isolated rainfall activity over Gujarat and Western parts of Peninsular India.



20 April (Day 1)

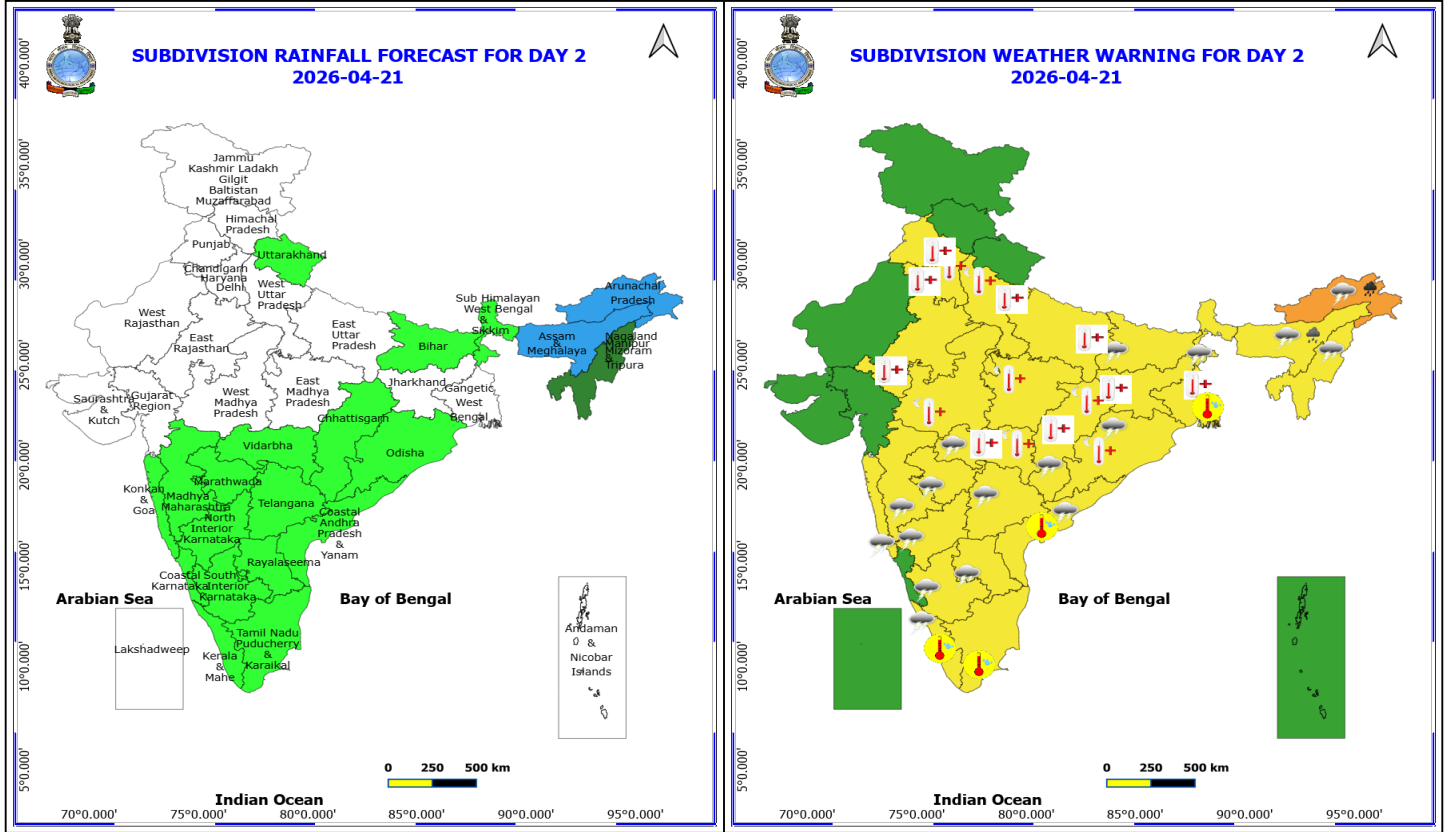
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Chhattisgarh, Madhya Pradesh, Maharashtra and Telangana.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very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

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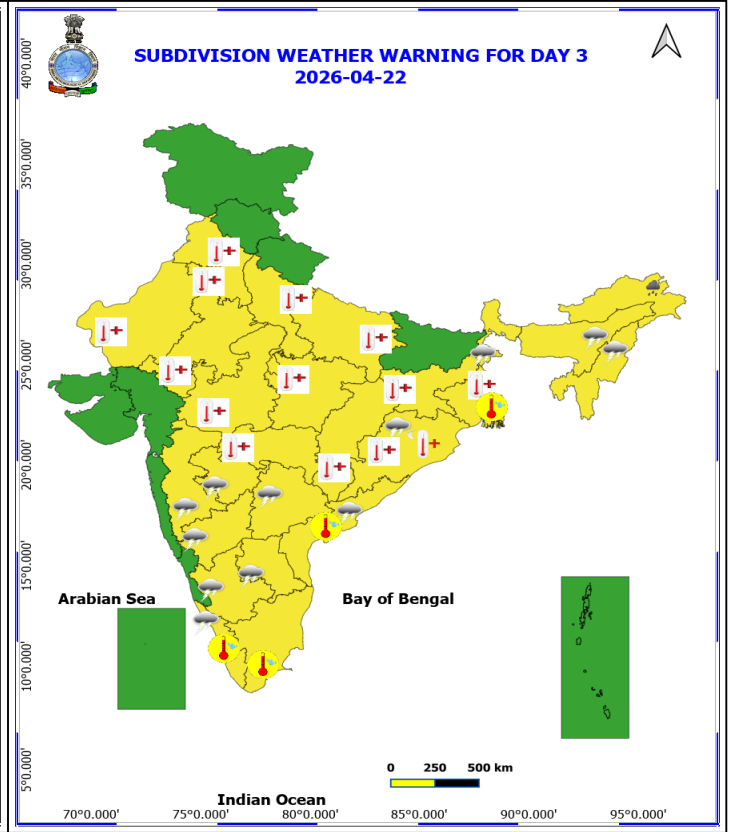
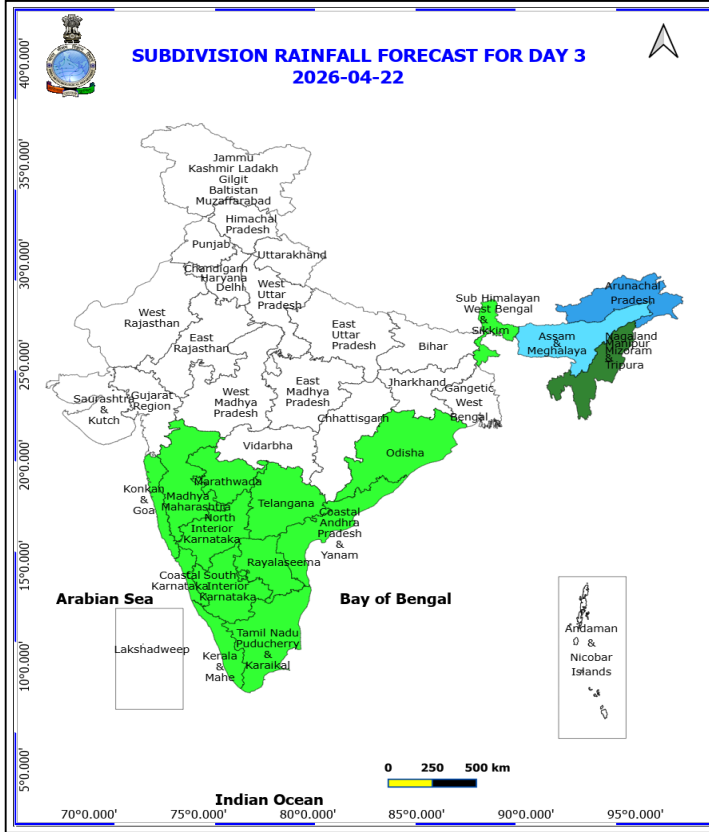
21 April (Day 2)

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

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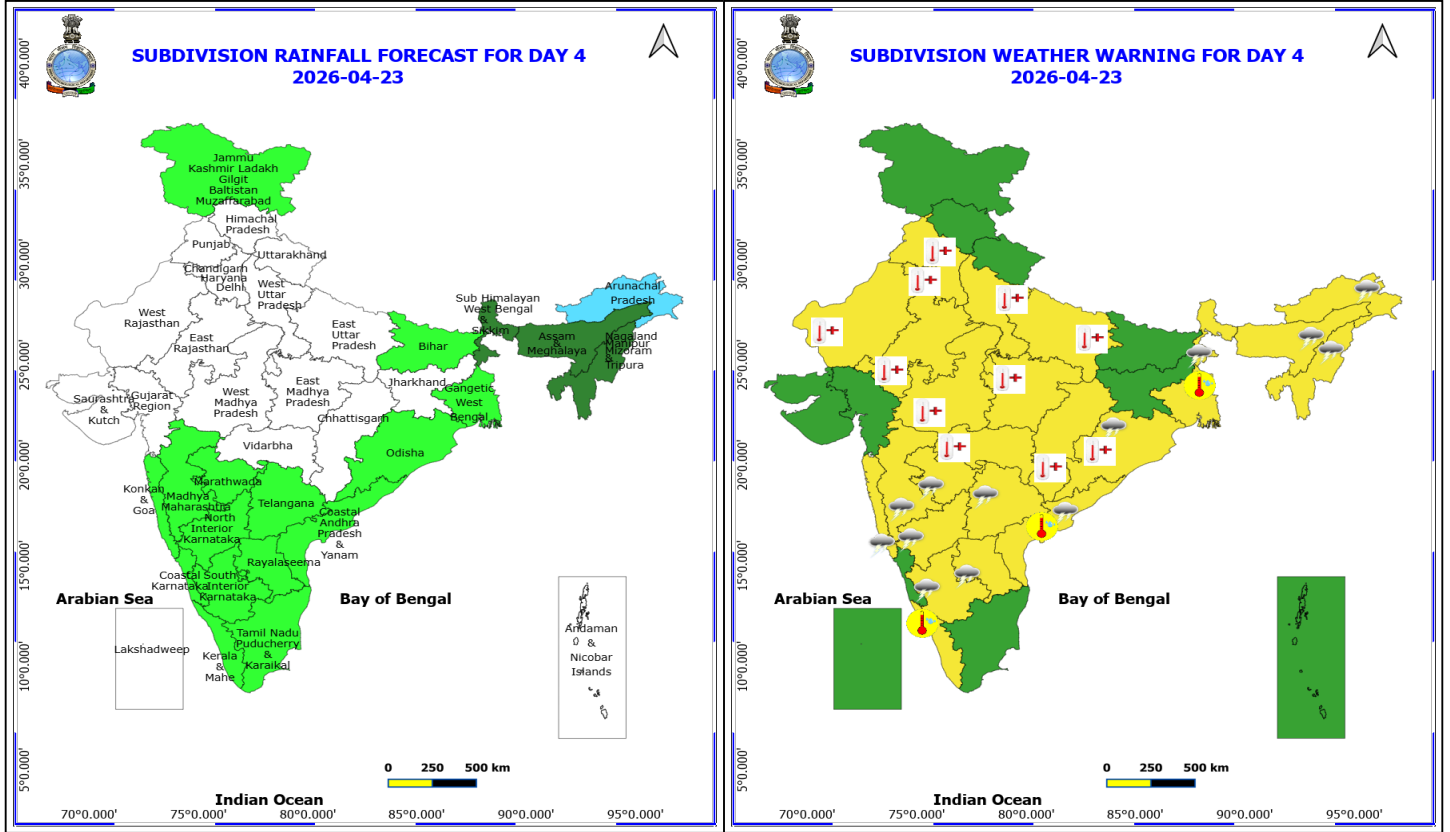
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22 April (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Kerala & Mahe, Marathwada and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Madhya Maharashtra, Odisha, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** very likely at isolated places over Chhattisgarh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jharkhand, Madhya Pradesh, Odisha, Punjab, Rajasthan, Uttar Pradesh and Vidarbha.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Gangetic West Bengal, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** very likely at isolated places over Odisha.

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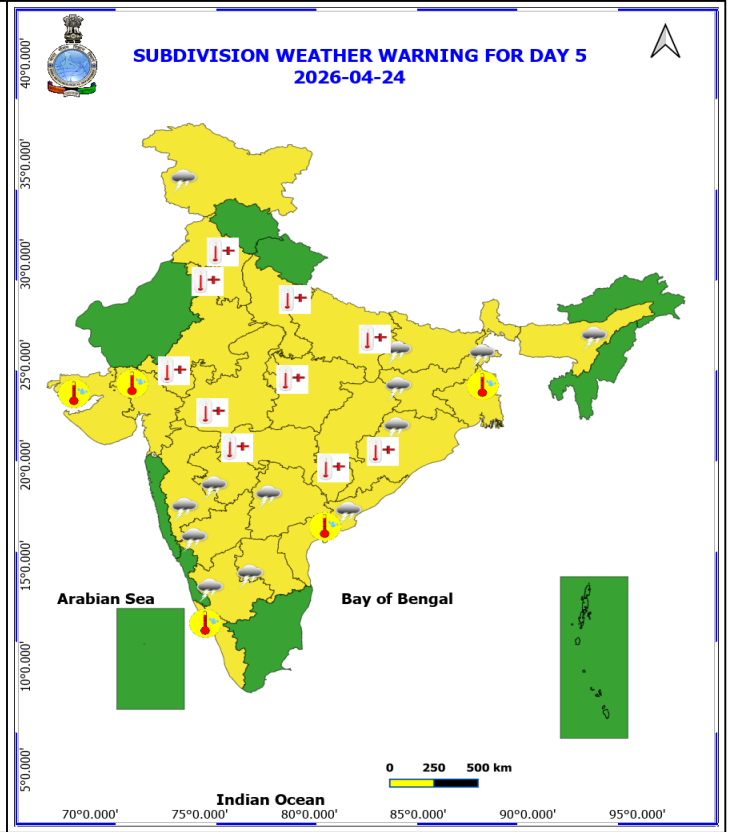
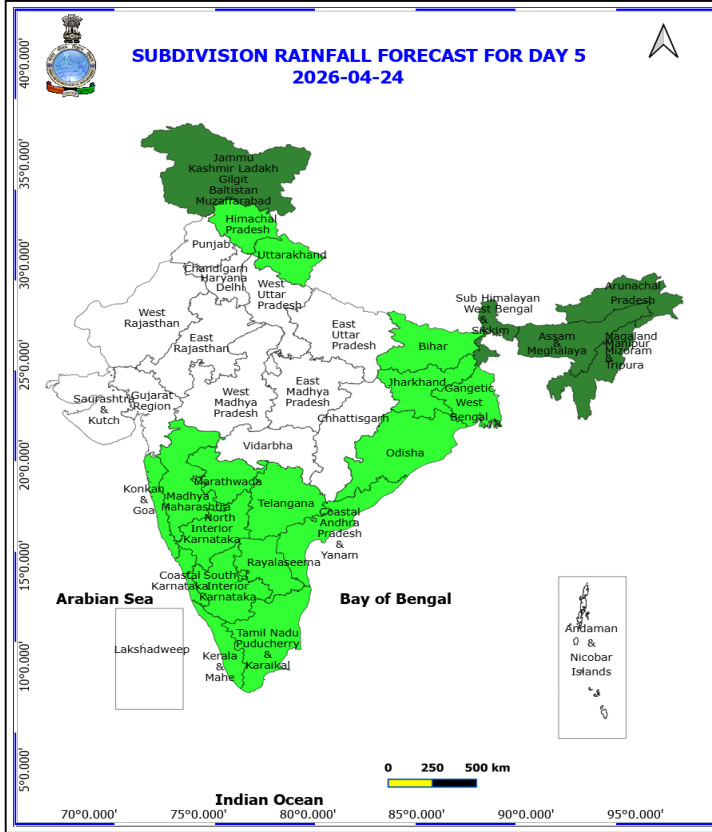
23 April (Day 4)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Marathwada and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Madhya Maharashtra, Odisha, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Konkan & Goa and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Madhya Pradesh, Odisha, Punjab, Rajasthan, Uttar Pradesh and Vidarbha.
- ❖ **Hot and Humid weather** likely at isolated places over Coastal Andhra Pradesh, Gangetic West Bengal and Kerala & Mahe.

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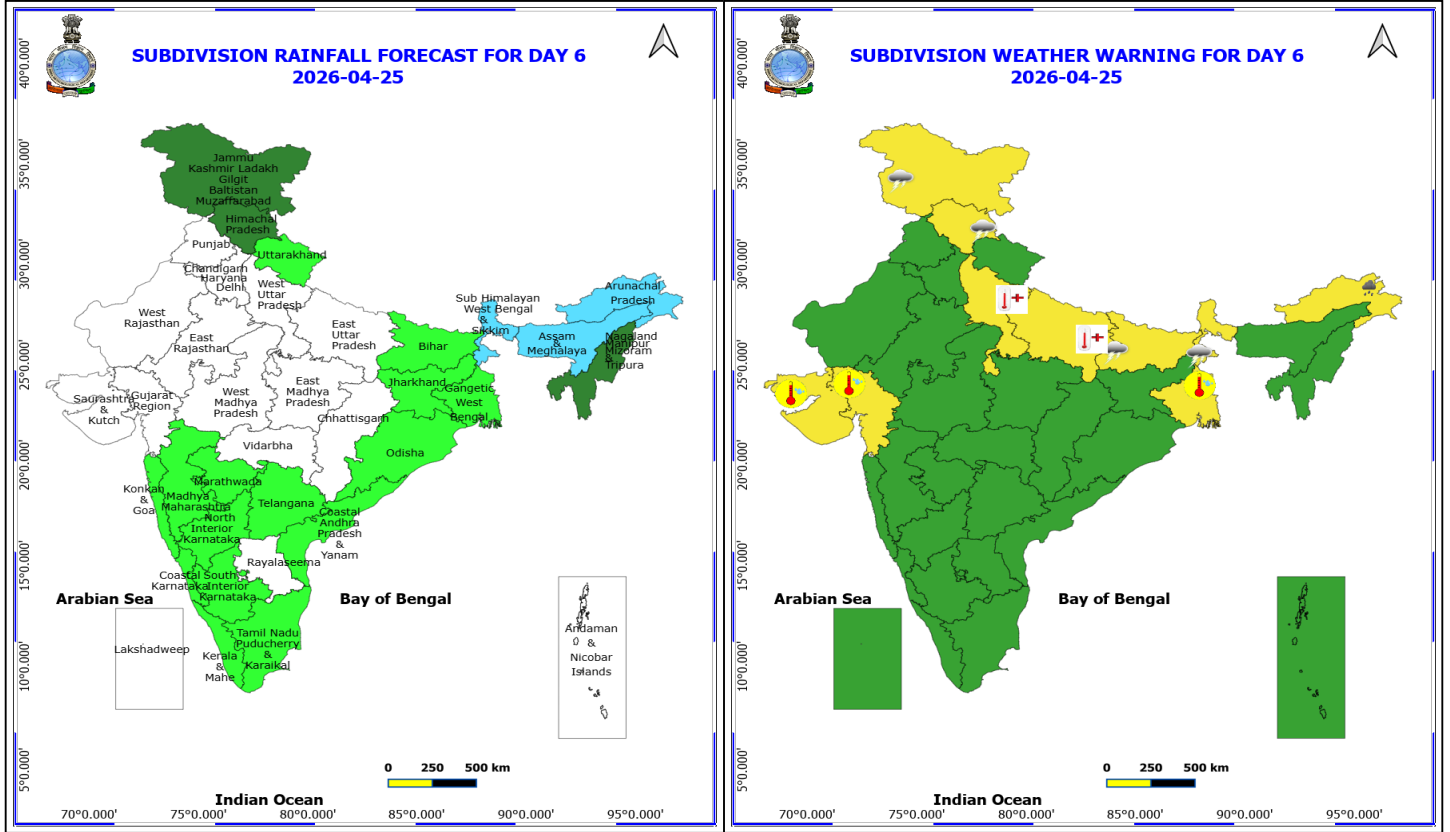
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24 April (Day 5)

- ❖ **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 Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Marathwada, North Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Jharkhand, Madhya Maharashtra, Odisha, South Interior Karnataka and Telangana.
- ❖ **Heat Wave conditions** likely at isolated places over Chhattisgarh, East Rajasthan, Haryana, Chandigarh & Delhi, Madhya Pradesh, Odisha, Punjab, Uttar Pradesh and Vidarbha.
- ❖ **Hot and Humid weather** likely at isolated places over Coastal Andhra Pradesh, Gangetic West Bengal, Gujarat State and Kerala & Mahe.

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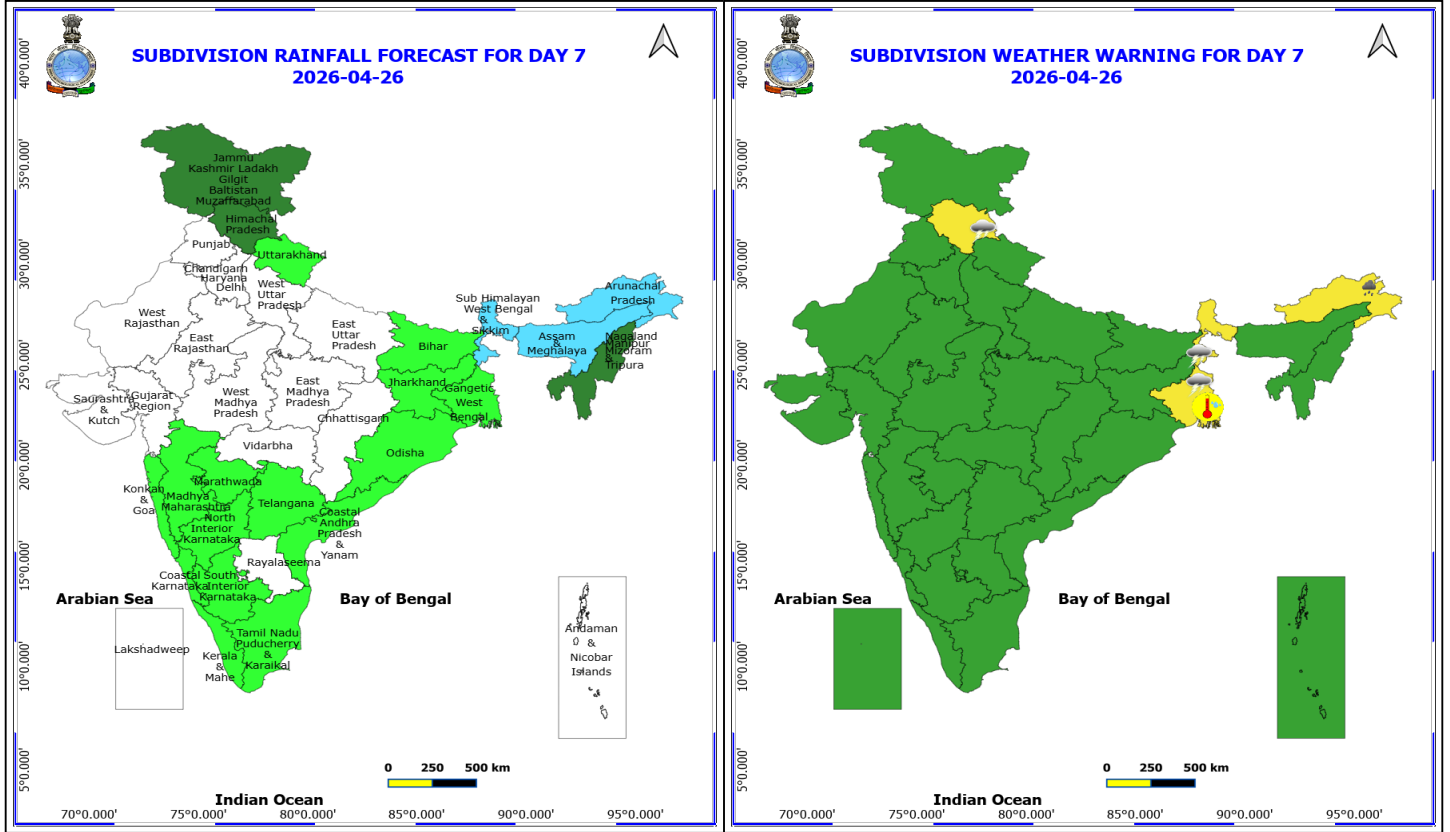
25 April (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh.
- ❖ **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 Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Himachal Pradesh.
- ❖ **Heat Wave conditions** likely at isolated places over Uttar Pradesh.
- ❖ **Hot and Humid weather** likely at isolated places over Gangetic West Bengal and Gujarat State.

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26 April (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Himachal Pradesh.
- ❖ **Hot and Humid weather** likely at isolated places over Gangetic West Bengal.

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Table-1

7 Days Rainfall Forecast

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

| 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 2026-04-19

Fig. 2: Departure of Maximum Temp. Dated 2026-04-19

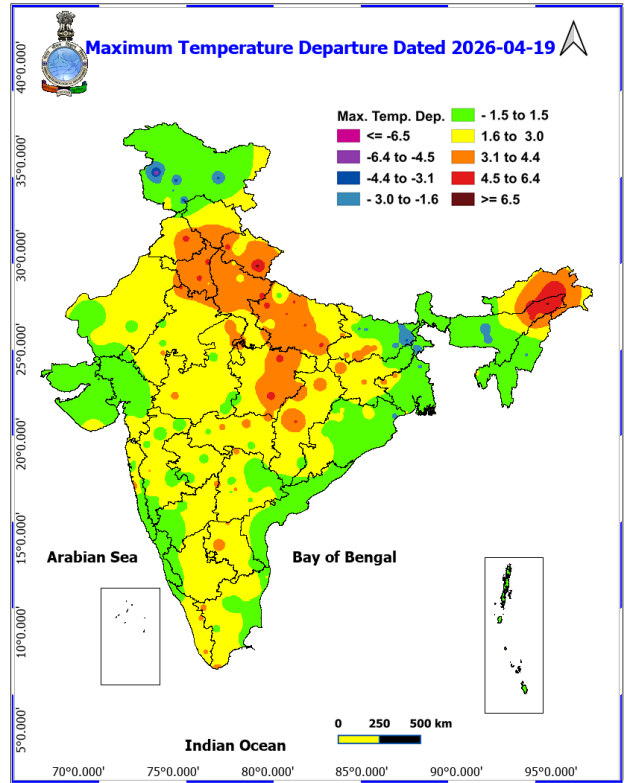
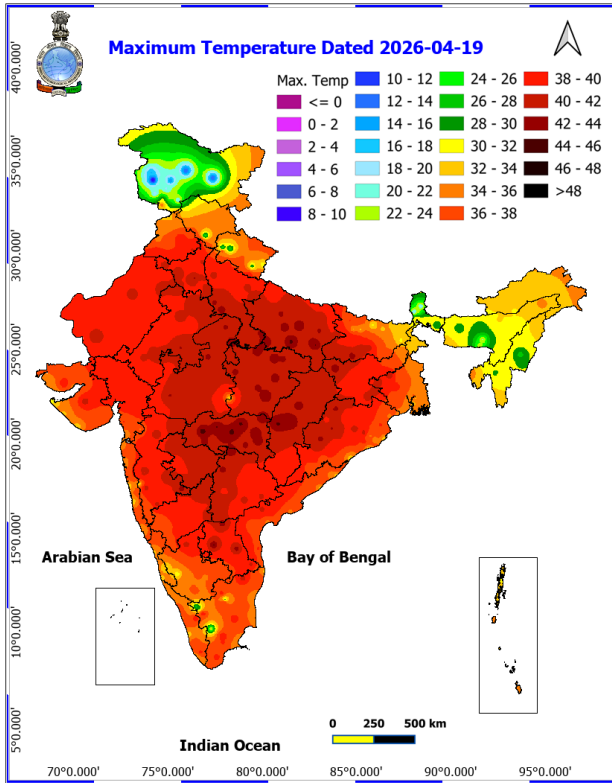
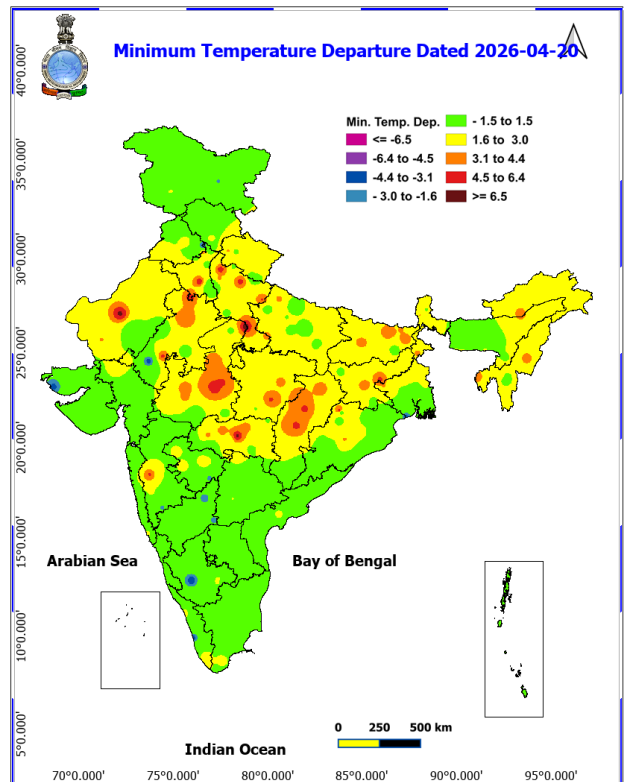
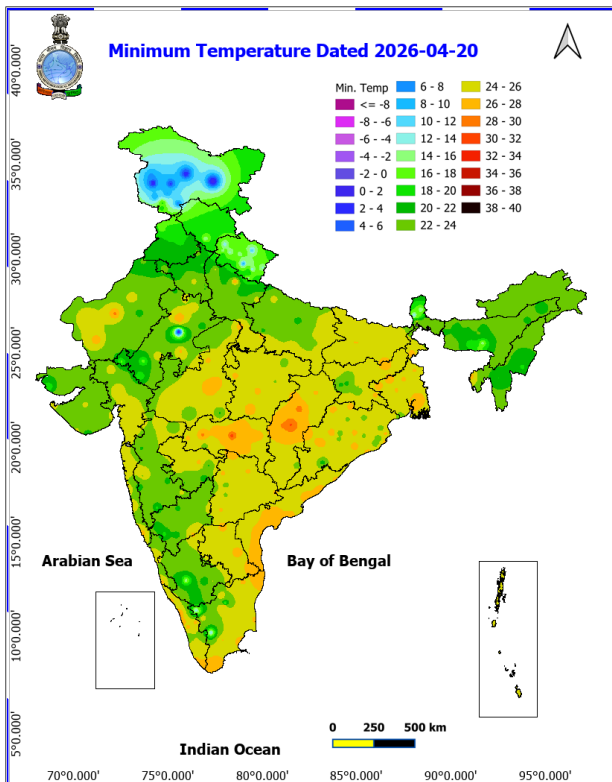
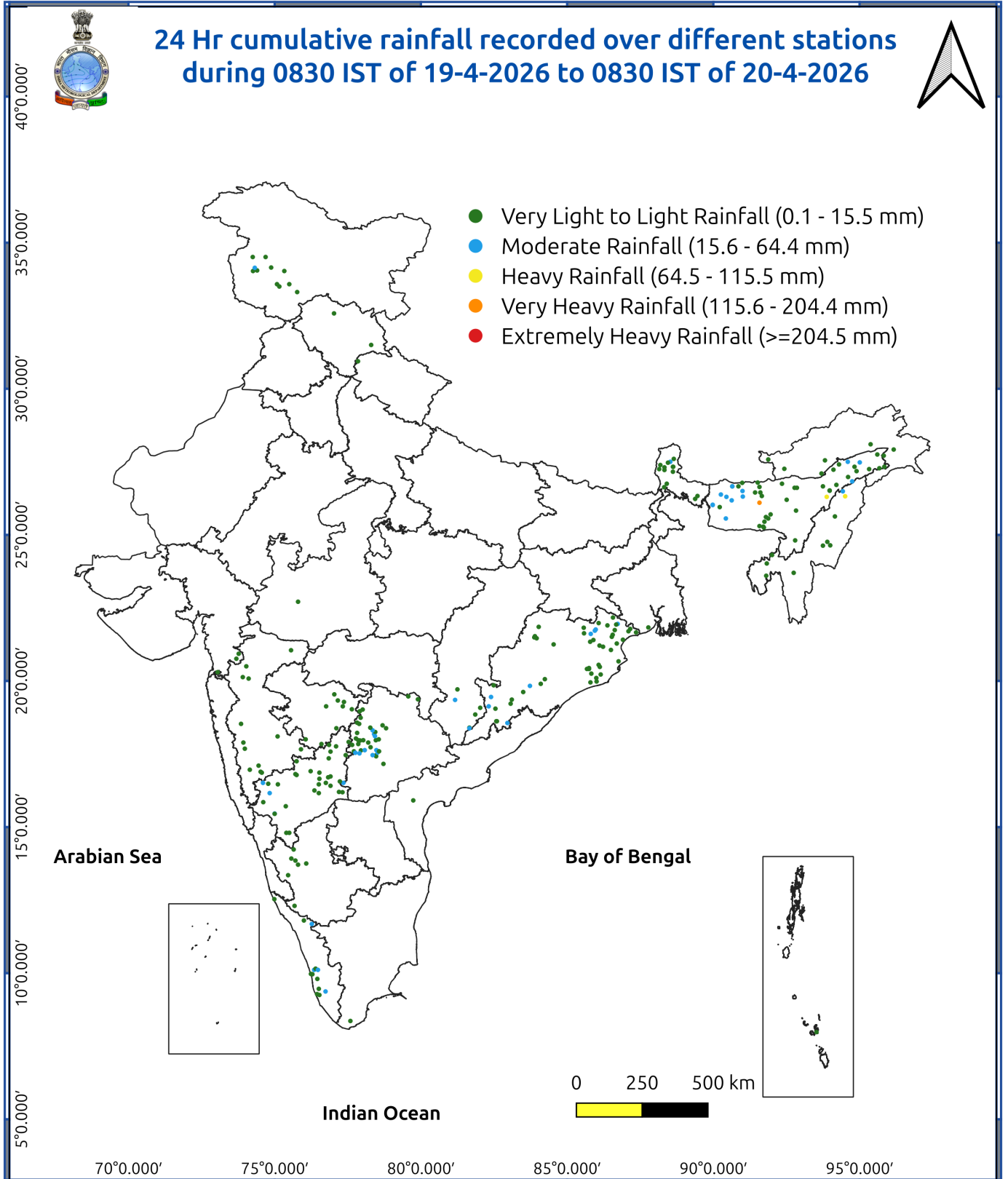


Fig. 3: Minimum Temperatures Dated 2026-04-20

Fig. 4: Departure of Minimum Temp. Dated 2026-04-20





Impact and Actions

Impact & suggested due to heavy rainfall

Isolated heavy rainfall likely over Arunachal Pradesh during 20th-22nd, 25th & 26th; Assam & Meghalaya during 20th-21st with isolated **very heavy rainfall** likely over Arunachal Pradesh on 21st April.

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 &

Isolated **Hailstorm activity** likely over Telangana, Madhya Pradesh, Vidarbha, Chhattisgarh, Madhya Maharashtra and Marathawada on 20th 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.
- 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 isolated pockets of Punjab, East Rajasthan, Vidarbha, Chhattisgarh during 20th-24th, West Uttar Pradesh during 20th-25th, West Rajasthan on 22nd & 23rd; Madhya Pradesh during 22nd – 24th; Gangetic West Bengal on 21st & 22nd, Jharkhand during 20th – 22nd, Odisha during 22nd -24th; and **Scattered** pockets of East Uttar Pradesh on 23rd April.

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 **Madhya Maharashtra, Marathwada 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**, harvest cabbage, pea, mustard, late-maturing paddy varieties & potatoes carefully and shift the harvested produce to safe places. Ensure proper drainage channels in the fields of rice, maize, other standing crops, vegetables, and orchards.

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

Agromet advisories for likely impact of High temperatures/ Heat Waves

Maharashtra - In **Konkan**, irrigate green gram, vegetables, and newly planted arecanut and coconut. In **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.

Gujarat – Apply light and frequent irrigation to standing crops like cluster bean, cucumber, ridge gourd, bottle gourd, sponge gourd, and bitter gourd during morning or evening hours. Irrigate groundnut at the flowering and pegging stages.

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.

Madhya Pradesh – Apply light irrigation to maize, *moong*, *urd*, groundnut and vegetable crops as per requirement.

Chhattisgarh - Apply light irrigation after weeding and hoeing in *rabi* maize, banana, and papaya plantations.

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Complete harvesting of wheat and chickpea, and ensure safe storage.

Jharkhand- 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.

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

Punjab and Haryana –Provide light irrigation to maintain adequate moisture in standing crops such as summer *moong*, cotton, vegetables, mango, guava & loquat.

Uttar Pradesh - Provide light irrigation to maintain adequate moisture in standing crops such as hybrid maize, Zaid black gram, green gram, vegetables and sugarcane

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

Karnataka - Provide protective irrigation to standing crops such as sugarcane, sesame, green gram, black gram, arecanut, vegetables, and nurseries.

In regions experiencing hot and humid conditions, including **Tamil Nadu, Kerala, and Gangetic West Bengal, Coastal Karnataka and Coastal Andhra Pradesh** 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

Keep the animals inside the shed during heavy rainfall and provide them balanced feed.

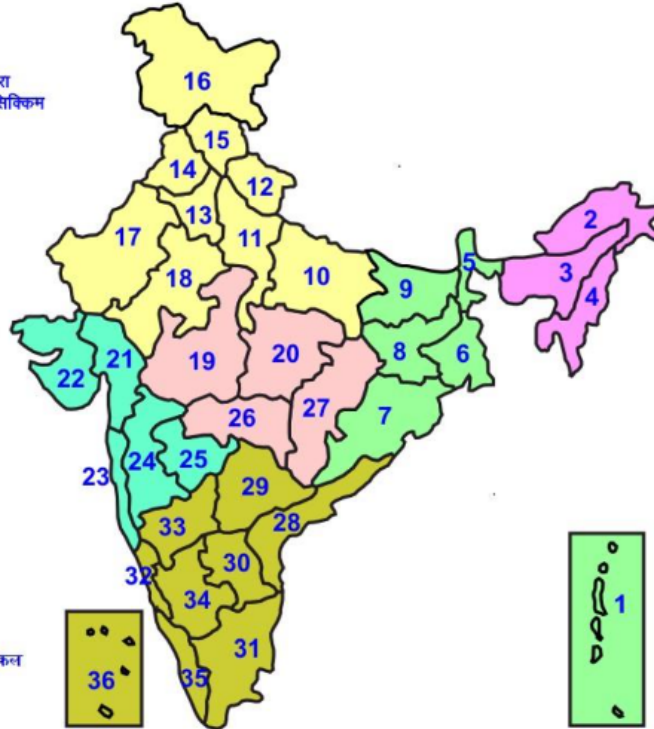
Store feed and fodder in a safe place to prevent spoilage.

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°C to 6.4°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°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°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°C to -6.4°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°C to -6.4°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)

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