

2026-05-24

Time of Issue: 14:10:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Advance of Southwest Monsoon 2026 :

The Northern Limit of Monsoon continues to pass 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 24th 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 2-3 days.

Weather Forecast and 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 24th & 25th and Nagaland, Manipur and Mizoram on 24th May.

Extremely heavy rainfall very likely at isolated places over Assam & Meghalaya on 24th May.

Isolated heavy rainfall likely over Arunachal Pradesh during 24th-26th; Assam & Meghalaya during 24th-29th and Nagaland, Manipur, Mizoram & Tripura on 24th & 25th May with **isolated very heavy rainfall** also likely over Arunachal Pradesh on 24th & 25th; Assam & Meghalaya during 24th-27th 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 24th-28th May.

Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal and Interior Karnataka during 24th-28th; Coastal Andhra Pradesh & Yanam, Rayalaseema during 24th-27th and Telangana during 24th-30th May.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Rayalaseema on 24th and North Interior Karnataka during 24th-26th May.

Isolated Heavy rainfall also likely over Tamil Nadu, Puducherry & Karaikal during 24th-26th; Kerala & Mahe during 24th-28th; Lakshadweep during 24th-27th; Coastal & North Interior Karnataka on 24th; South Interior Karnataka on 24th & 25th May.

Isolated Hailstorm activity likely over North Interior Karnataka on 24th May.

East India:

Fairly widespread to widespread light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 24th-26th May.

Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Gangetic West Bengal, Jharkhand & Odisha during 24th-30th; Bihar during 24th-28th May.

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Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Gangetic West Bengal on 24th & during 27th-29th; Bihar during 26th-28th; Jharkhand & Odisha on 24th & 25th May.

Isolated heavy rainfall likely over Sub-Himalayan West Bengal & Sikkim, Bihar during 24th-27th May **with isolated very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 24th May.

Northwest India:

Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir, Himachal Pradesh on 24th, 25th & during 28th-30th; Uttarakhand on 24th, 25th, 29th & 30th May.

Isolated to scattered light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Punjab, Haryana & Chandigarh, West Uttar Pradesh on 24th & during 28th-30th May; East Uttar Pradesh during 25th-29th and Rajasthan on 24th & 30th May.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Jammu-Kashmir on 24th; East Uttar Pradesh on 28th & 29th and West Uttar Pradesh on 29th & 30th May.

Isolated Hailstorm activity likely over Jammu-Kashmir on 24th and Himachal Pradesh on 29th May.

Duststorm likely at isolated places over Rajasthan on 24th May.

Central India:

Isolated light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Vidarbha during 26th-28th May.

West India:

Isolated light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Konkan & Goa on 24th, 27th & 28th; Madhya Maharashtra during 24th-28th and Marathawada during 24th-27th May.

Forecast of maximum/day temperatures:

No significant change in maximum temperatures likely over Northwest India till 28th May and gradual fall by 3-5°C on 29th & 30th May.

Gradual rise in maximum temperatures by 2-3°C likely over Northwest India till 26th May; no significant change on 27th & 28th May and gradual fall by 3-5°C on 29th & 30th May.

No significant change in maximum temperatures likely over Central India till 28th May and gradual fall by 2-4°C on 29th & 30th May.

No significant change in maximum temperatures likely over East India till 26th May and gradual fall by 2-3°C during 27th - 30th May.

No significant change in maximum temperatures likely over the rest parts of country till 30th May 2026.

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

Heat wave conditions very likely in isolated pockets over Punjab, Haryana Chandigarh & Delhi during 24th-28th; with **severe heat wave conditions** in some pockets during 25th-27th May.

Heat wave conditions very likely in isolated/some pockets over Uttar Pradesh during 24th-28th May with **severe heat wave conditions** in isolated/some pockets over East Uttar Pradesh during 24th-26th May.

Heat wave conditions verylikely in isolated/some pockets over Rajasthan during 24th-30th May with **severe heat wave conditions** in isolated/some pockets over West Rajasthan during same period.

Heat wave conditions verylikely in isolated pockets over Madhya Pradesh during 24th-30th; with **severe heat wave conditions** during 24th-28th May.

Heat wave conditions verylikely in isolated pockets over Vidarbha during 24th-29th; with **severe heat wave conditions** during 24th-27th May.

Heat wave conditions verylikely in isolated pockets over Chhattisgarh during 24th-27th; Odisha during 24th-28th; Bihar, Jharkhand and Telangana during 24th-26th; Jammu-Kashmir on 26th & 27th and Himachal Pradesh during 26th-28th May.

Hot and humid weather conditions likely to prevail over Coastal Andhra Pradesh & Yanam on 24th; Gangetic West Bengal during 24th-26th May.

Warm Night conditions very likely to prevail in isolated pockets over West Uttar Pradesh on 24th; East Uttar Pradesh on 24th & 25th and Vidarbha during 24th-26th 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, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Coastal Karnataka, North Interior Karnataka, Kerala & Mahe and Lakshadweep; **at a few places** over Konkan & Goa, Rayalaseema and South Interior Karnataka; **at isolated places** over Gangetic West Bengal, Odisha, Jharkhand, Bihar, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana and Tamil Nadu, Puducherry & Karaikal; **Dry** over rest of the country.

Hailstorm occurred at isolated places over Uttarakhand.

Heat wave conditions prevailed at many places over Vidarbha; at a few places over Chhattisgarh; isolated places over east Uttar Pradesh, east Madhya Pradesh, Odisha, West Rajasthan.

Warm night conditions prevailed in isolated pockets over East Uttar Pradesh.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Coastal Karnataka:** Karwar (dist Uttara Kannada) 20; Manki (dist Uttara Kannada) 12; Mundgod (dist Uttara Kannada) 9; Yellapur (dist Uttara Kannada) 8; Siddapura (dist Udupi) 7; Udupi (dist Udupi), Ankola (dist Uttara Kannada), Kumta (dist Uttara Kannada) 6 Each; **Assam & Meghalaya:** Karimganj AWS (dist Sribhumi) 18; B P Ghat (dist Sribhumi) 15; Matijuri ARG (dist Hailakandi) 14; Karimganj (dist Sribhumi) 11; Matijuri (dist Hailakandi), A P Ghat (dist Cachar), Bhaghmara (dist South Garo Hills), Silchar (dist Cachar) 8 Each; Bahalpur (dist Dhubri) 7; Gharmura (dist Hailakandi), Bely Rly. bridge (dist Barpeta), Williamnagar (dist East Garo Hills), Lakhipur (dist Cachar), Cherrapunji (dist East Khasi Hills), Resubelpara (dist North Garo Hills), Hangrabari ARG (dist Kamrup Metropolitan), Bajali AWS (dist Bajali) 6 Each; **Konkan & Goa:** Devgad (dist Sindhudurg) 10; Kankavli (dist Sindhudurg) 7; **North Interior Karnataka:** Tavaragera (dist Koppal) 10; Nalwatwad (dist Vijayapura) 9; Shorapur (dist Yadgir), Narayanpur HMS (dist Yadgir) 8 Each; Deodurg (dist Raichur), Jalahalli (dist Raichur), Kakkeri (dist Yadgir) 7 Each; Kaladgi (dist Bagalkote), Balaganur (dist Raichur) 6 Each; **Sub Himalayan West Bengal & Sikkim:** Mangan (dist Mangan) 9; Singhik (dist Mangan), Kumlai T.e. (dist Jalpaiguri) 7 Each; **Kerala & Mahe:** Munakkal AWS (dist Thrissur) 8; Mancompu (dist Alapuzha) 6; **Nagaland, Manipur, Mizoram & Tripura:** Agartala AP (dist West Tripura), Met Agartala AWS (dist West Tripura) 8 Each; Udaipur (dist Gomati) 7; Kadamtala ARG (dist North Tripura) 6; **Bihar:** Pranpur (dist Katihar) 7; **Tamil Nadu, Puducherry & Karaikal:** Sattur (dist Virudhunagar) 6; **South Interior Karnataka:** Sandur (dist Ballari) 6.

❖ **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 and Coastal Karnataka. **Heavy rain** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, Konkan & Goa, North Interior Karnataka and Kerala & Mahe.

❖ **Minimum Temperature Departures (as on 24-05-2026): markedly above normal(> 5.1°C)** at few places over West Madhya Pradesh and East Madhya Pradesh; at isolated places over Assam & Meghalaya, Bihar, Gujarat Region, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at few places over Gangetic West Bengal, Odisha, East Rajasthan and Vidarbha; at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Jharkhand, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, Punjab, East Rajasthan and Madhya Maharashtra; at few places over Sub Himalayan West Bengal & Sikkim, Jharkhand, Uttarakhand, Haryana-Chandigarh-Delhi, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Telangana; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Bihar, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, Konkan & Goa, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Rajasthan, Chhattisgarh and Tamil Nadu, Puducherry & Karaikal; at most places over Arunachal Pradesh, Jammu-

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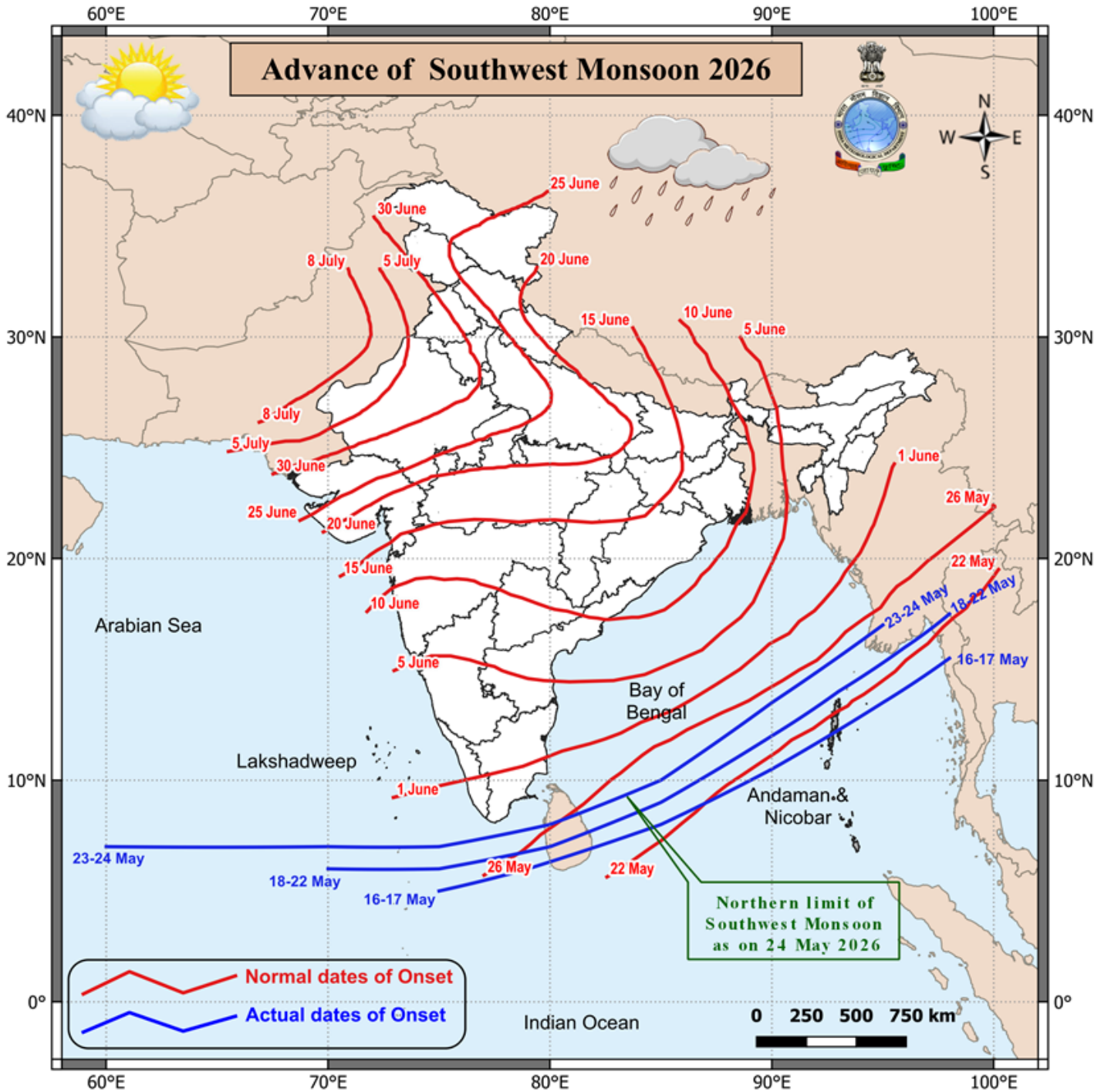
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KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Marathwada, Kerala & Mahe and Lakshadweep; at few places over Jharkhand, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and South Interior Karnataka; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Punjab, West Madhya Pradesh, East Madhya Pradesh and North Interior Karnataka. **The lowest minimum temperature of 17.2°C was reported at HALFLONG (ASSAM) over the Plains of India.**

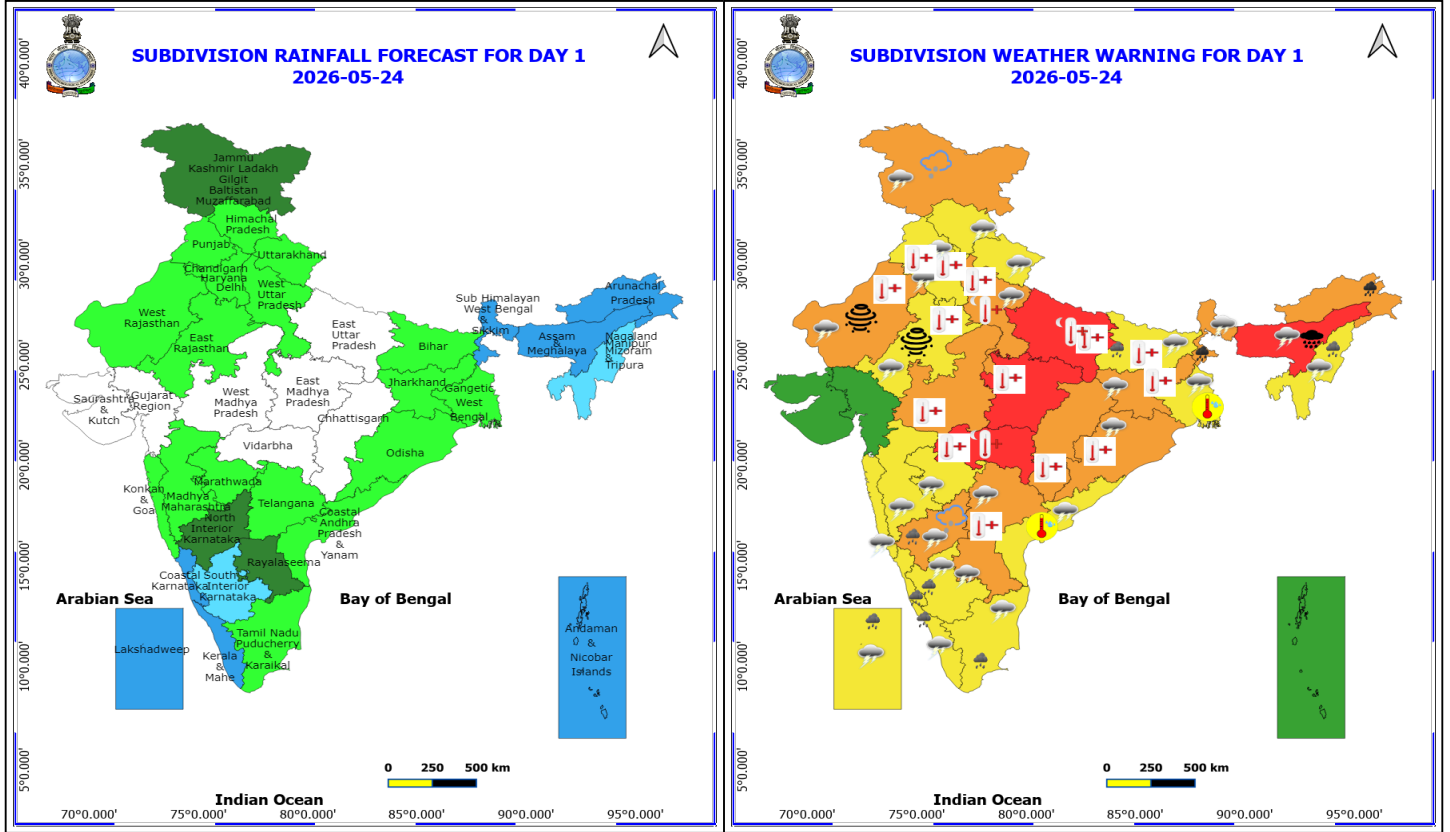
❖ **Maximum Temperature Departures (as on 23-05-2026): markedly above normal(> 5.1°C)** at many places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan and Vidarbha; at most places over East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, West Rajasthan, East Madhya Pradesh and Chhattisgarh; at few places over Uttarakhand, West Madhya Pradesh and Coastal Andhra Pradesh & Yanam; at isolated places over Odisha, Jharkhand, Bihar and Telangana. **appreciably above normal(3.1°C to 5.0°C)** at few places over Gujarat Region and Saurashtra & Kutch; at isolated places over Gangetic West Bengal, Konkan & Goa, Madhya Maharashtra, Marathwada and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Sub Himalayan West Bengal & Sikkim; at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and North Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Coastal Karnataka and Kerala & Mahe; at most places over Arunachal Pradesh and Lakshadweep; at few places over Rayalaseema; at isolated places over Andaman & Nicobar Islands. **The highest maximum temperature of 47.1°C was reported at BRAHMPURI (VIDARBHA).**

Meteorological Analysis (Based on 0830 hours IST)

- The **Northern Limit of Monsoon** continues to pass 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 24th 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 2-3 days.
- The **Western Disturbance** as a cyclonic circulation over Jammu & neighbourhood at 3.1 km above mean sea level persists.
- The upper **air cyclonic circulation** over south Bihar & neighbourhood persists and now seen at 0.9 km above mean sea level.
- The north-south **trough** now runs from south Bihar to north coastal Andhra Pradesh across Jharkhand and Odisha and extends upto 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over central Assam & neighbourhood at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over Southeast adjoining central Bay of Bengal now lies over southwest Bay of Bengal & neighbourhood between 3.1 & 5.8 km above mean sea level tilting southwestwards with height.
- A fresh **Western Disturbance** likely to affect Northwest India from 28th May, 2026.
- The **trough** from Punjab to Southwest Rajasthan at 1.5 km above mean sea level has become less marked.
- 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. 23°N has moved away.
- The **upper air cyclonic circulation** over Southwest Arabian sea between 3.1 & 5.8 km above mean sea level less marked.



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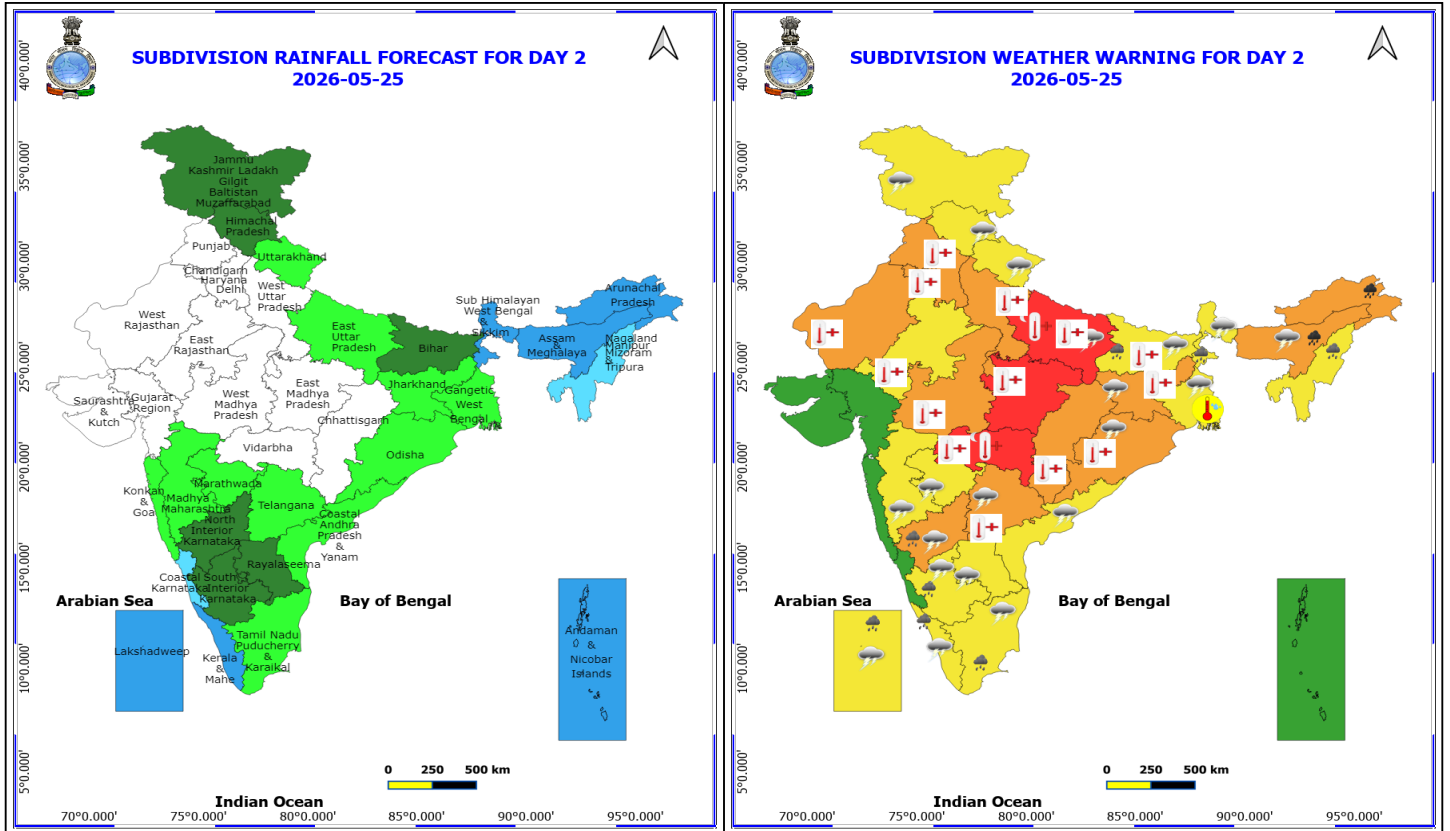
24 May (Day 1)

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

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- ❖ **Heat Wave conditions** very likely at isolated places over Bihar, Chhattisgarh, East Rajasthan, Haryana, Chandigarh & Delhi, Jharkhand, Odisha, Punjab, Telangana and West Uttar Pradesh.
 - ❖ **Heat Wave to Severe Heat Wave conditions** very likely at isolated places over East Uttar Pradesh, Madhya Pradesh, Vidarbha and West Rajasthan.
 - ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh and Gangetic West Bengal.
 - ❖ **Warm Night conditions** very likely at isolated places over Uttar Pradesh and Vidarbha.
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- ❖ **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.



25 May (Day 2)

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

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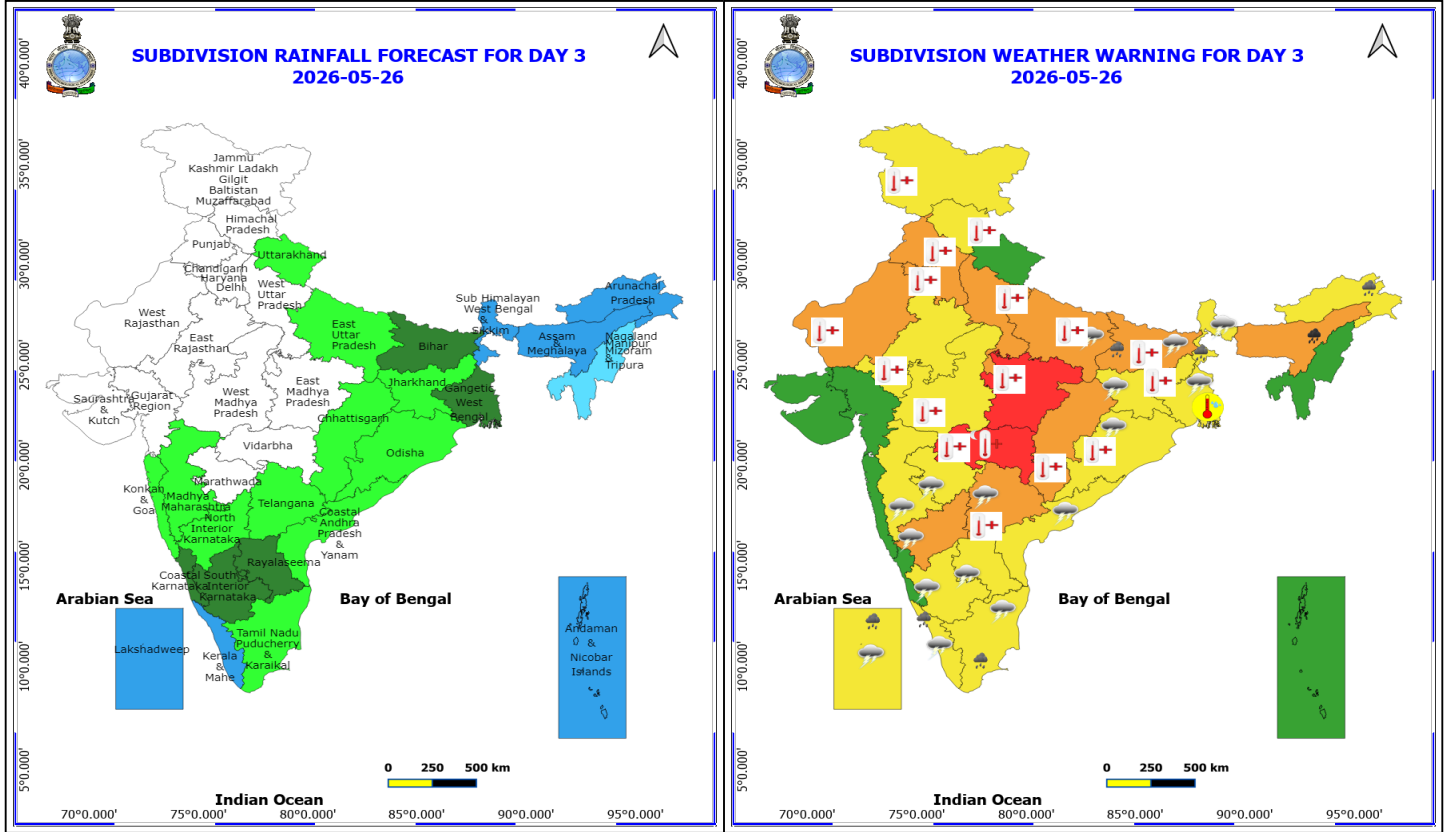
❖ **Warm Night conditions** very likely at isolated places over East Uttar Pradesh and Vidarbha.

❖ **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.



26 May (Day 3)

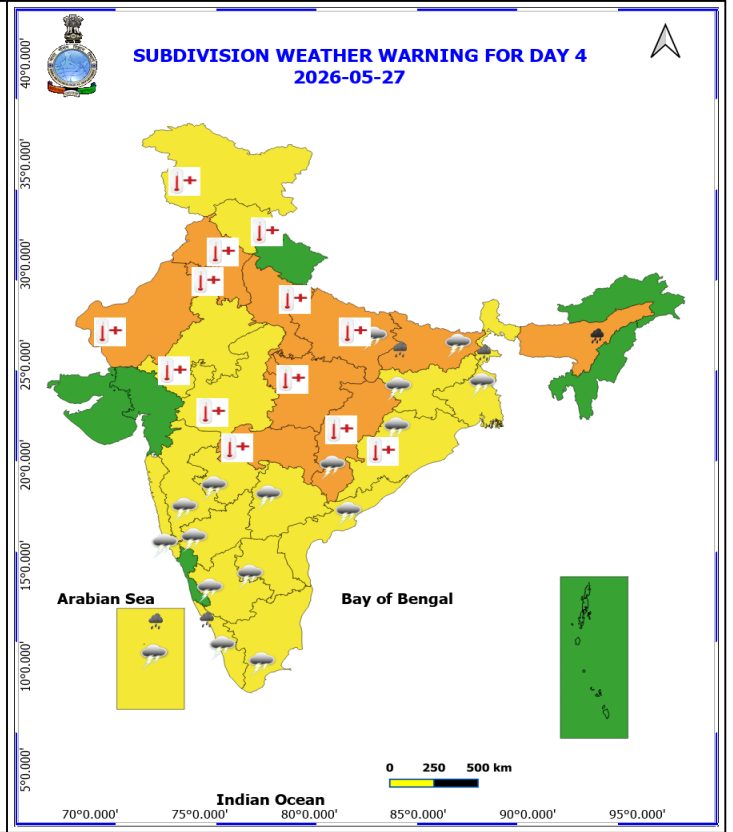
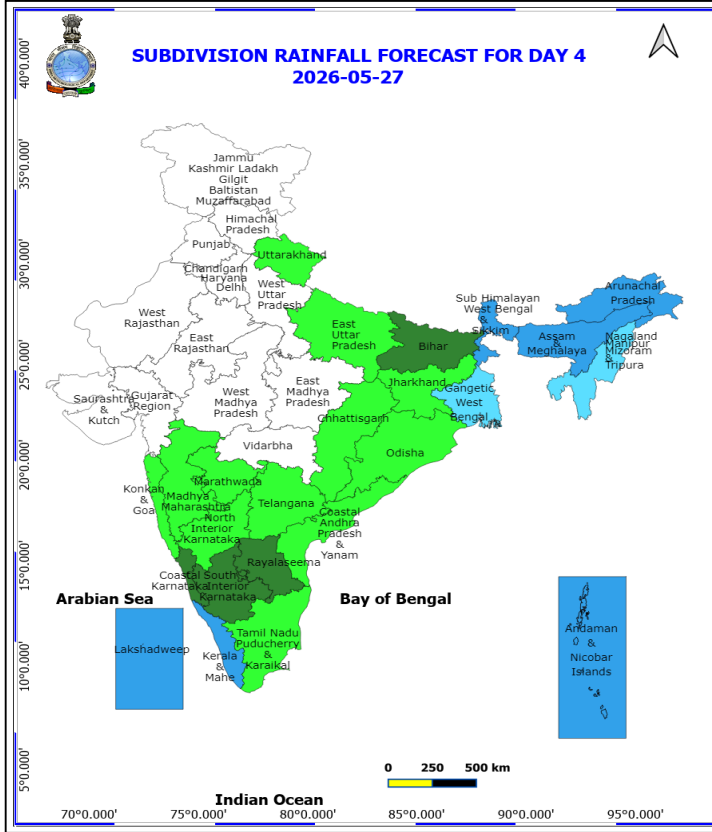
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Bihar, Kerala & Mahe, Lakshadweep, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with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

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- ❖ **Warm Night conditions** very likely at isolated places over 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 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.



27 May (Day 4)

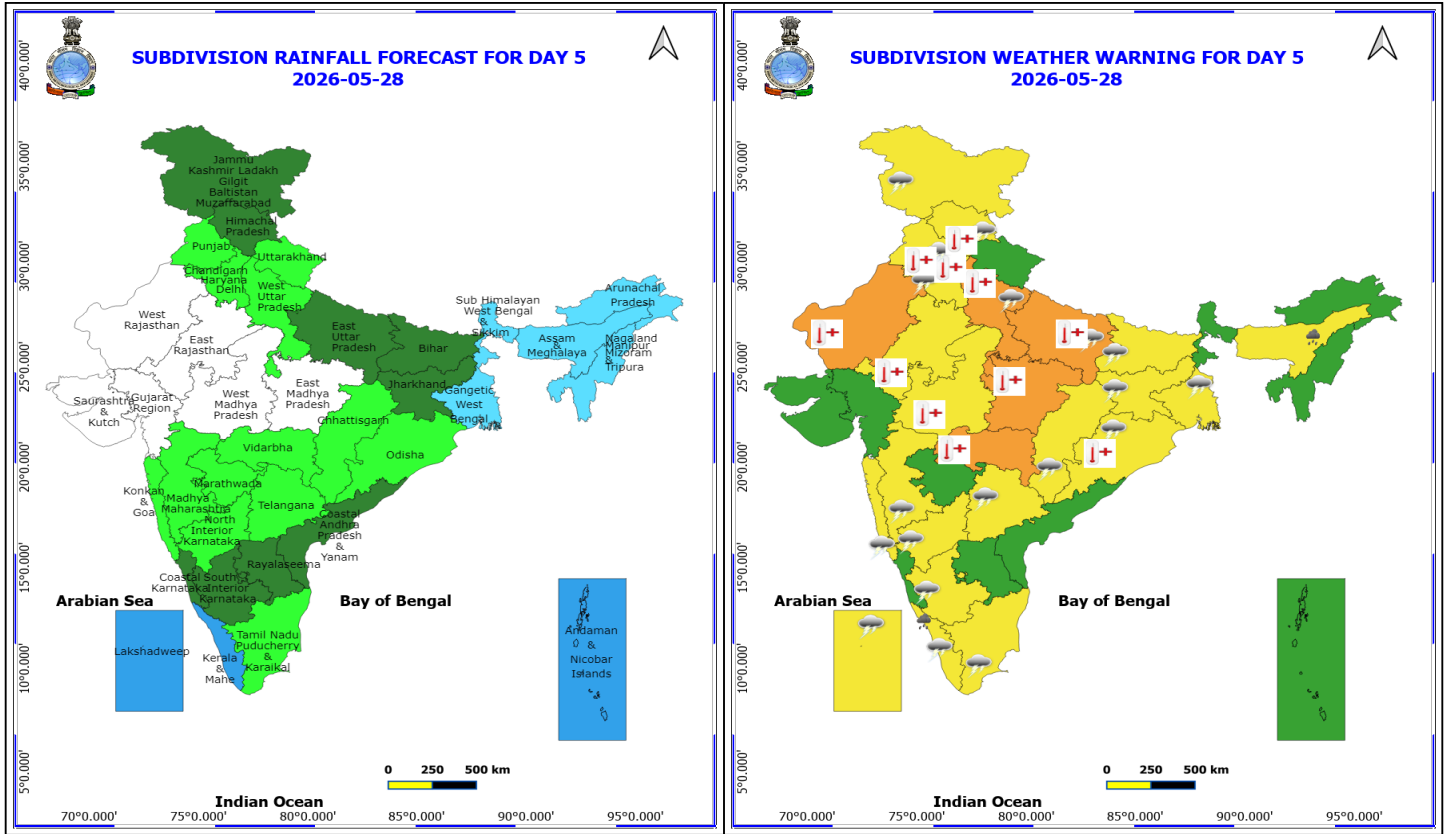
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Kerala & Mahe, Lakshadweep and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over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

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- ❖ **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.



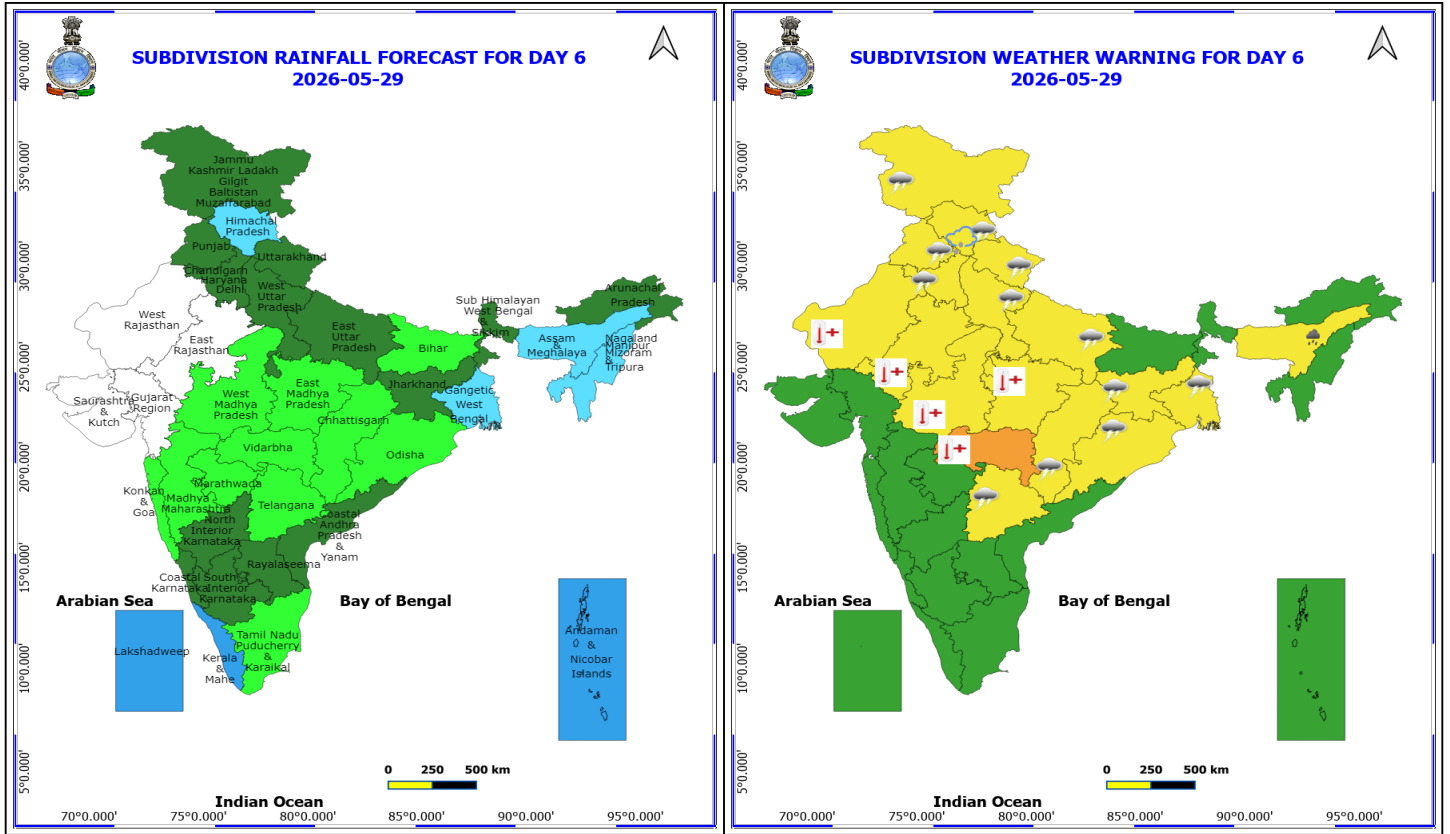
28 May (Day 5)

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

No Fishermen Warning

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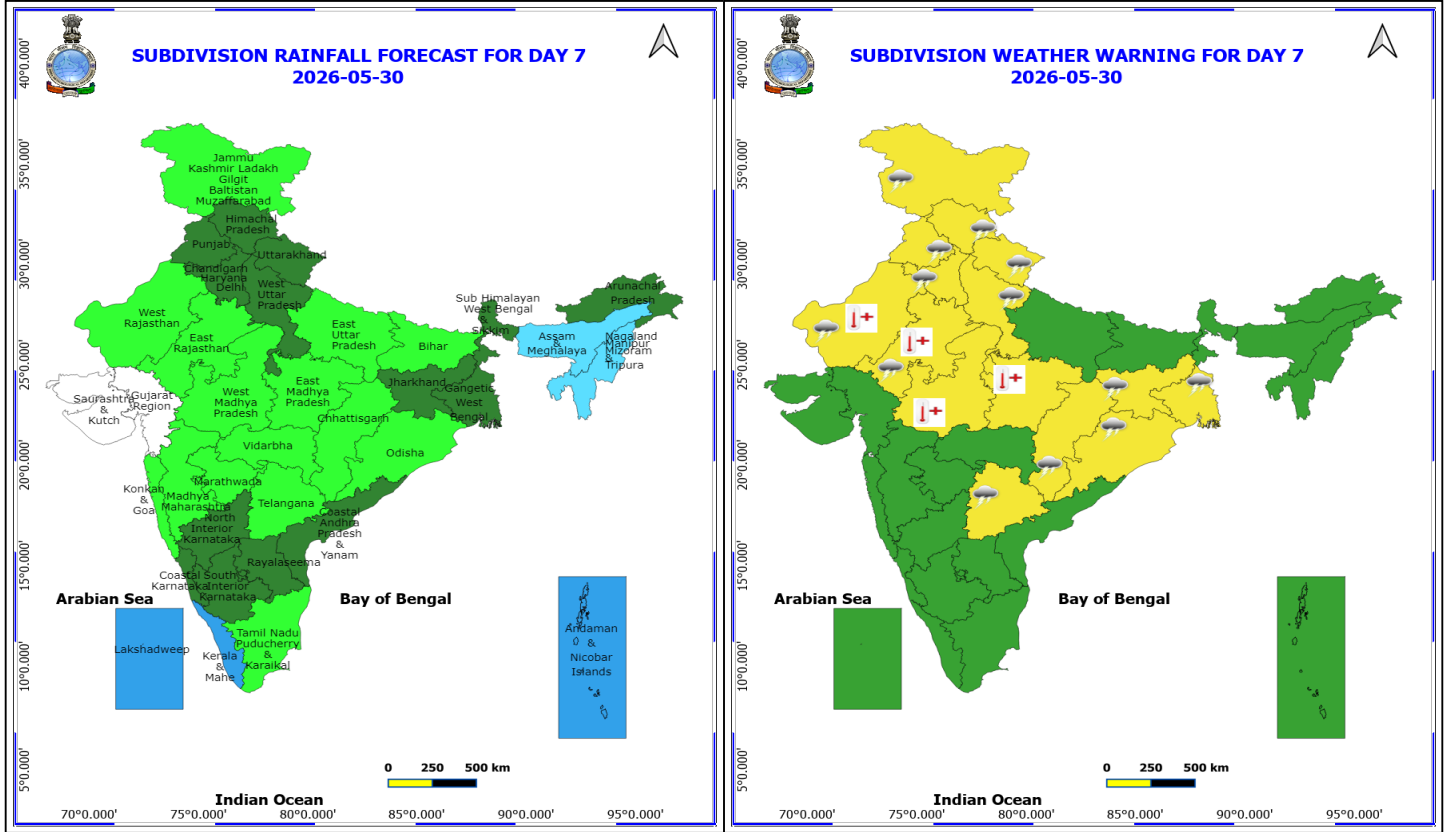
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29 May (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with Hailstorm** likely at isolated places over Himachal Pradesh.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Gangetic West Bengal and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Punjab, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands and Bihar.
- ❖ **Heat Wave conditions** likely at isolated places over East Rajasthan, Madhya Pradesh and Vidarbha.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over West Rajasthan.

No Fishermen Warning



30 May (Day 7)

- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Chhattisgarh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Punjab, Rajasthan, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands and Bihar.
- ❖ **Heat Wave conditions** likely at isolated places over East Rajasthan and Madhya Pradesh.
- ❖ **Heat Wave to Severe Heat Wave conditions** likely at isolated places over West Rajasthan.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

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

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Fig. 1: Maximum Temperatures Dated 2026-05-23

Fig. 2: Departure of Maximum Temp. Dated 2026-05-23

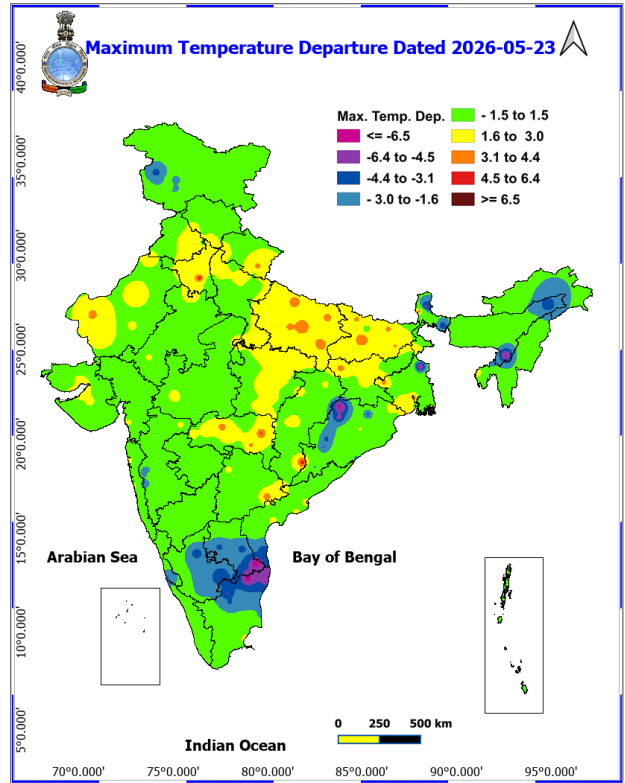
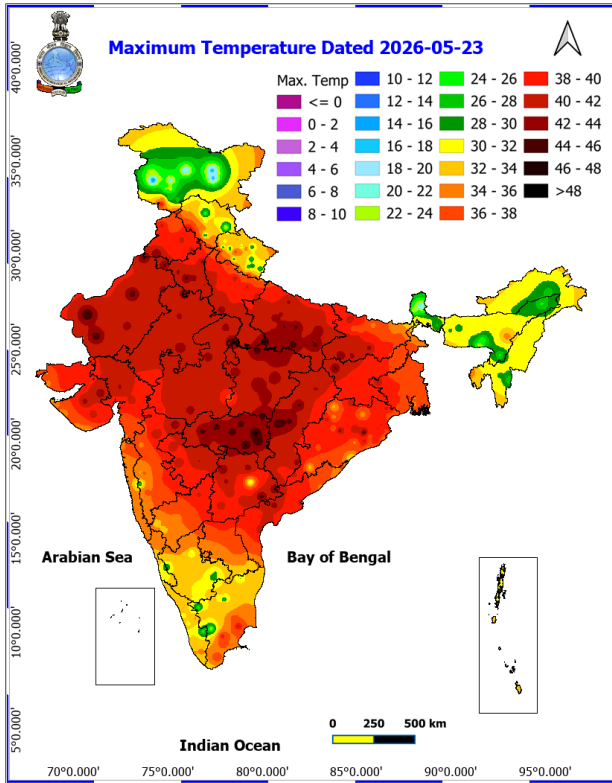
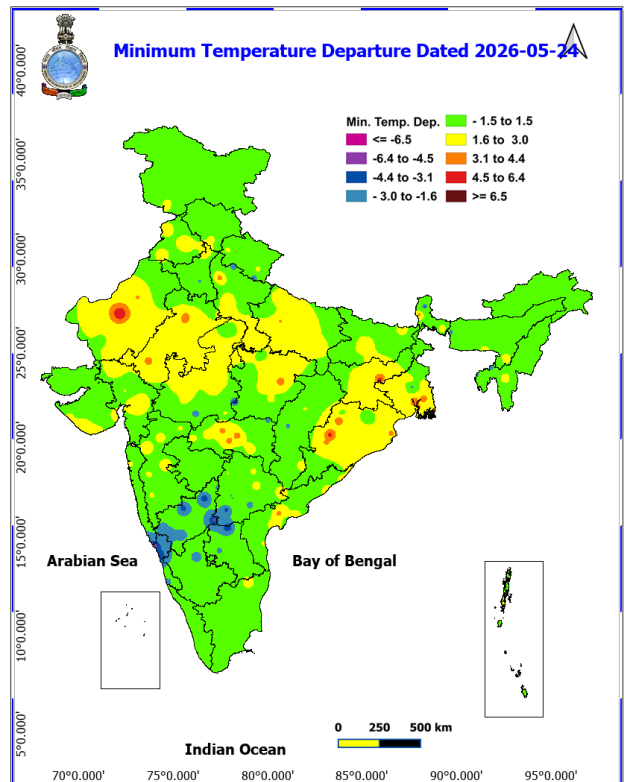
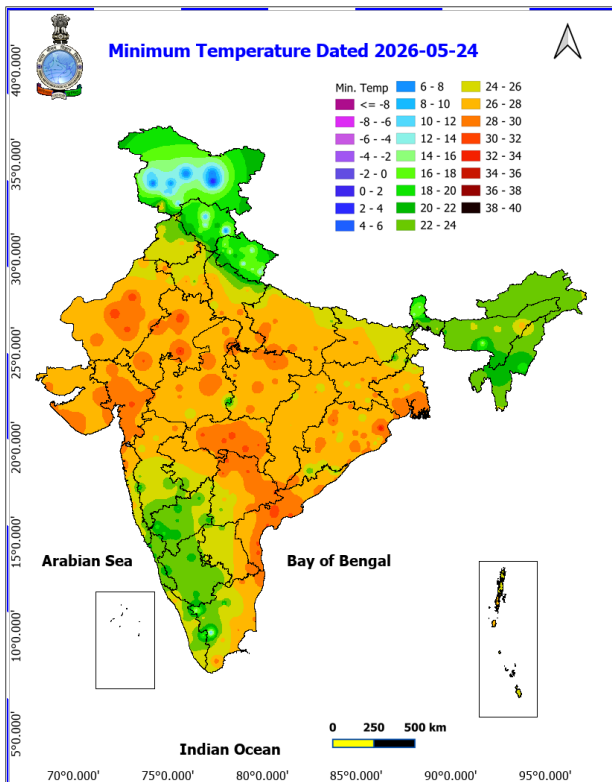
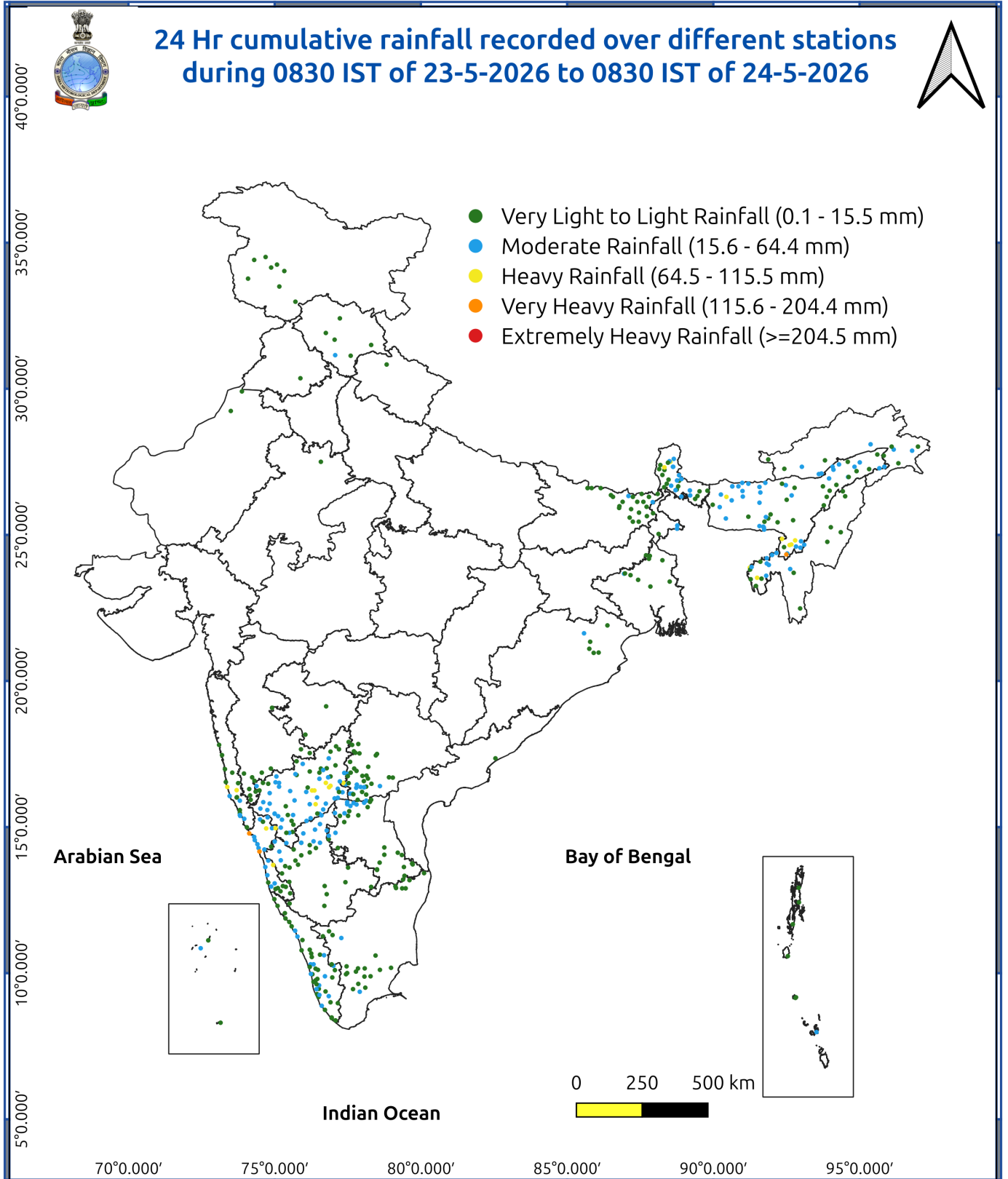


Fig. 3: Minimum Temperatures Dated 2026-05-24

Fig. 4: Departure of Minimum Temp. Dated 2026-05-24





Impact and Actions

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

Extremely heavy rainfall very likely at isolated places over Assam & Meghalaya on 24th May.

Isolated heavy rainfall likely over Arunachal Pradesh, Tamil Nadu, Puducherry & Karaikal during 24th-26th; Assam & Meghalaya during 24th-29th; Nagaland, Manipur, Mizoram & Tripura, South Interior Karnataka on 24th & 25th; Kerala & Mahe during 24th-28th; Lakshadweep, Sub-Himalayan West Bengal & Sikkim, Bihar during 24th-27th; Coastal & North Interior Karnataka on 24th; **with isolated very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 24th May; Arunachal Pradesh on 24th & 25th; Assam & Meghalaya during 24th-27th 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 Jammu-Kashmir, Rayalaseema on 24th; Jharkhand & Odisha on 24th & 25th; North Interior Karnataka during 24th-26th May; Gangetic West Bengal on 24th & during 27th-29th; Bihar during 26th-28th; East Uttar Pradesh on 28th & 29th and West Uttar Pradesh on 29th & 30th May.

Isolated Hailstorm activity likely over Jammu-Kashmir, North Interior Karnataka on 24th and Himachal Pradesh on 29th 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:

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- 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:

- **Heat wave to severe heat wave conditions** likely to continue to prevail over Central India during next 7 days; East adjoining Peninsular India during 24th – 26th and over Northwest India during 24th – 29th 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 vegetable, maize, and nursery fields. In WRC paddy, keep drainage channels open to remove excess water from nursery beds. Cover newly sown nursery beds with polythene sheets or straw mulch.

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In **Assam**, undertake harvesting of *Boro* rice after current spells of heavy rain and store the already harvested produce in a safe place. Cover the rice nursery beds with thin polythene sheet. Ensure proper drainage arrangements for quick removal of excess water from rice nurseries, vegetables, banana, citrus and papaya fields.

Meghalaya, harvest the mature banana fruits immediately during clear weather. Make necessary arrangements to remove excess rainwater from the maize, ginger, vegetable, banana and other orchard fields crop fields.

In **Nagaland**, delay transplanting of brinjal in main field. For already transplanted seedlings, maintain proper drainage in and around the fields of maize, vegetables and orchard.

In **Manipur**, ensure that ridges and bunds around rice fields are well constructed to maintain the required water level; provide adequate drainage to remove excess rain water from chilli, ginger, turmeric, banana and other crops.

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 – undertake harvesting of mature *Boro* rice immediately and shift the harvested produce to a safe and dry place for storage.

In **Sub-Himalayan West Bengal and Sikkim**, undertake harvesting of matured rice & maize after current spells of heavy rains and keep already harvested produce in a safe place. Ensure proper drainage in rice, maize, jute and vegetables. Postpone fresh sowing of okra.

In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in cotton, rice nurseries, recently sown cumbu and vegetables,

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 **Karnataka**, undertake harvesting of matured rice after current spells of rain, ensure proper drainage in paddy fields, arecanut and mango orchards. Provide staking to tomato plants.

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.

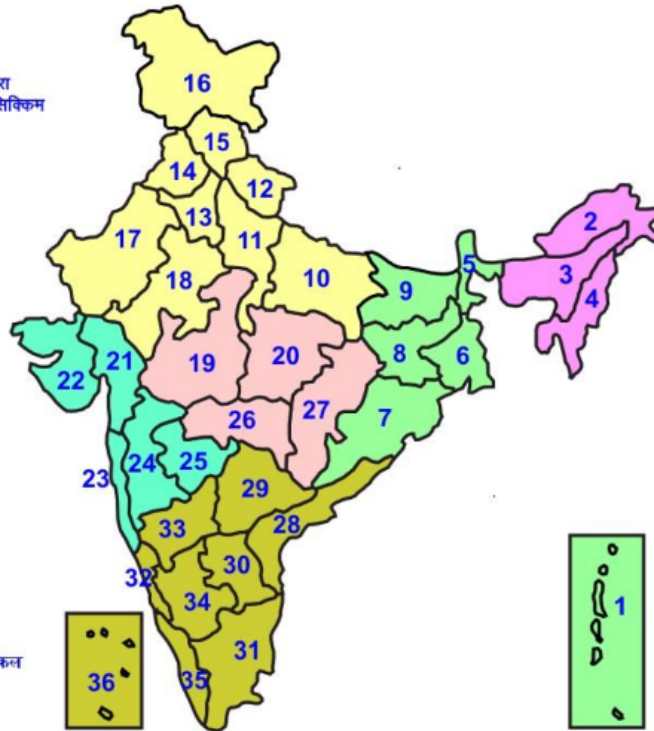
Store feed and fodder in a safe place to prevent spoilage.

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

- 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)

*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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