

2026-08-23

Time of Issue: 13:32:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather forecast and Warnings

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 23rd August; Uttarakhand during 23rd-29th August.
- **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh during 23rd-25th August.
- **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- Isolated **thunderstorm & lightning** likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 23rd August; Uttarakhand during 23rd-29th August; East Rajasthan during 23rd-26th August.
- Isolated **heavy rainfall** likely over Haryana Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab and West Uttar Pradesh on 23rd August; Uttarakhand during 23rd-24th August; East Uttar Pradesh during 24th-27th August with isolated **very heavy rainfall** also likely over East Uttar Pradesh and Himachal Pradesh on 23rd August.

Central India:

- **Isolated to Scattered** rainfall likely over West Madhya Pradesh on 23rd August and during 27th-29th August; East Madhya Pradesh and Vidarbha on 29th August.
- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 24th-26th August; East Madhya Pradesh and Vidarbha during 23rd-28th August; Chhattisgarh during 23rd-29th August.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 23rd-27th August; Vidarbha during 23rd-25th August.
- Isolated **heavy rainfall** likely over West Madhya Pradesh on 24th August and on 26th August; East Madhya Pradesh on 27th August; Vidarbha on 24th August; Chhattisgarh during 26th-27th August with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 25th August; East Madhya Pradesh during 23rd-26th August; Vidarbha on 23rd August; Chhattisgarh during 23rd-25th August.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand, Odisha and Sub-Himalayan West Bengal & Sikkim during 23rd-29th August; Bihar during 25th-26th August.
- **Isolated to Scattered** rainfall likely over Bihar during 23rd-24th August and during 27th-29th August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 23rd-29th August; Gangetic West Bengal and Odisha during 23rd-24th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 23rd-25th August; Gangetic West Bengal during 25th-26th August; Jharkhand during 23rd-27th August; Bihar during 23rd-29th August; Odisha on 25th August.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 25th August, on 27th August and on 29th August; Gangetic West Bengal during 23rd-24th August; Jharkhand during 23rd-27th August; Bihar during 24th-26th August; Odisha on 23rd August and during 27th-29th August with isolated **very heavy rainfall** also likely over Odisha during 24th-26th August.
- **Isolated extremely heavy rainfall likely over Odisha on 23rd August.**
- **Moderate to severe lightning activity over Bihar on 24th August.**

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 23rd-24th August; Assam & Meghalaya during 24th-25th August.
- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 25th-29th August; Assam &

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Meghalaya on 23rd August and during 26th-29th August; Nagaland, Manipur, Mizoram & Tripura during 23rd-29th August.

- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh on 23rd August; Assam & Meghalaya during 23rd-27th August; Nagaland, Manipur, Mizoram & Tripura during 23rd-25th August.
- Isolated **heavy rainfall** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 23rd-29th August.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 23rd-29th August; Madhya Maharashtra on 25th August.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra during 23rd-24th August and during 26th-29th August; Gujarat Region, Marathawada and Saurashtra & Kutch during 23rd-29th August.
- Isolated **thunderstorm & lightning** likely over Marathawada during 23rd-24th August.
- Isolated **heavy rainfall** likely over Madhya Maharashtra during 23rd-25th August.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 23rd-29th August; Kerala & Mahe and Lakshadweep during 28th-29th August; Coastal Andhra Pradesh & Yanam, North Interior Karnataka and South Interior Karnataka during 25th-29th August; Telangana during 24th-29th August.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 23rd-27th August; Coastal Karnataka during 23rd-29th August; Coastal Andhra Pradesh & Yanam, North Interior Karnataka and South Interior Karnataka during 23rd-24th August; Telangana on 23rd August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over North Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 23rd-25th August; South Interior Karnataka during 23rd-24th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 23rd-27th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep during 23rd-24th August; Coastal Karnataka and Telangana during 23rd-25th August.
- Isolated **heavy rainfall** likely over Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal during 24th-25th August; Coastal Karnataka, Kerala & Mahe and South Interior Karnataka during 23rd-25th August; North Interior Karnataka on 23rd August; Telangana on 24th August with isolated **very heavy rainfall** also likely over Coastal Andhra Pradesh & Yanam and Telangana on 23rd August.
- Strong Surface Winds likely over Coastal Karnataka and North Interior Karnataka during 23rd-25th August; South Interior Karnataka during 23rd-24th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 23rd-27th August.

Sea conditions:

- Sea condition is very likely to be rough to very rough over Northwest & adjoining westcentral Bay of Bengal and along & off West Bengal, and adjoining Odisha & North Andhra Pradesh coasts till 24th August.

Fishermen Warning:

- **Arabian Sea:** Along and off Somalia, Oman coasts, some parts of westcentral Arabian Sea and some parts of southwest Arabian Sea till 28th August, over few parts of eastcentral & north Arabian Sea on 27th August; Along & off Karnataka, Kerala, and Lakshadweep area till 26th August.
- **Bay of Bengal:** Over some parts of Gulf of Mannar adjoining Comorin area and southwest Bay of Bengal adjoining south Sri Lanka Coasts and over Andaman Sea till 28th August. Along and off West Bengal, Odisha and North Andhra Pradesh coasts adjoining many parts of westcentral, northwest adjoining eastcentral & northeast Bay of Bengal till 25th August; off north Andhra Pradesh coasts on 25th August; some parts of central adjoining south Bay of Bengal during 25th to 28th August.

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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 Andaman & Nicobar Islands, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Madhya Pradesh, Konkan & Goa, Chhattisgarh and Kerala & Mahe; **at many places** over West Uttar Pradesh, Uttarakhand, Himachal Pradesh, Madhya Maharashtra and Coastal Andhra Pradesh & Yanam; **at a few places** over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, West Madhya Pradesh, Gujarat Region, Marathwada and Rayalaseema; **at isolated places** over East Rajasthan, Saurashtra & Kutch and Tamil Nadu, Puducherry & Karaikal; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Chhattisgarh**: Kotadol (dist Manendragarh Bharatpur) 11; Tokapal (dist Bastar), Ramchandrapur (dist Balrampur), Karpawand (dist Bastar) 8 Each; Chhura (dist Gariaband), Nangur (dist Bastar) 7 Each; **Himachal Pradesh**: Mandi (dist Mandi) 11; Kangra AP (dist Kangra) 9; Sundarnagar (dist Mandi) 7; **East Madhya Pradesh**: Gohparu (dist Shahdol) 10; Jaithari (dist Anuppur), Budhar (dist Shahdol), Baihar (dist Balaghat) 8 Each; Gotegaon (dist Narsinghpur), Harrai (dist Chhindwara), Majhgaon (dist Satna), Mohangarh (dist Tikamgarh) 7 Each; **Haryana-Chandigarh-Delhi**: Damla AWS (dist Yamuna Nagar) 10; Saraswati Nagar (dist Yamuna Nagar) 8; **Coastal Andhra Pradesh & Yanam**: Pathapatnam (dist Srikakulam), Bheemavaram (dist West Godavari) 10 Each; Jiyyamma Valasa (dist Parvathipuram Manyam), Tekkali (dist Srikakulam), Veeraghattam (dist Parvathipuram Manyam) 8 Each; Kurupam (dist Parvathipuram Manyam), Parvathipuram (dist Parvathipuram Manyam) 7 Each; **West Uttar Pradesh**: Muzaffarnagar (dist Muzaffarnagar) 9; Muzaffarnagar(t) (dist Muzaffarnagar) 8; Jansath (dist Muzaffarnagar) 7; **Madhya Maharashtra**: Gaganbawada (dist Kolhapur) 8; **East Rajasthan**: Lachmangarh (dist Alwar) 7; **Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad**: Jammu AWS (dist Jammu), Jammu (dist Jammu) 7 Each.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy rain** at isolated places over East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, East Madhya Pradesh, Madhya Maharashtra, Chhattisgarh and Coastal Andhra Pradesh & Yanam.

❖ **Minimum Temperature Departures (as on 23-08-2026)**: **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim, Saurashtra & Kutch and Lakshadweep; at isolated places over Gangetic West Bengal, Odisha, Bihar, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Gangetic West Bengal and Vidarbha; at few places over Andaman & Nicobar Islands, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, Punjab, East Madhya Pradesh, Konkan & Goa and Lakshadweep; at isolated places over Odisha, Jharkhand, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Andaman & Nicobar Islands, Assam & Meghalaya, Odisha, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch and Konkan & Goa; at most places over West Rajasthan, Gujarat Region, Madhya Maharashtra, Marathwada, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Jharkhand, Bihar, East Uttar Pradesh, Punjab, East Madhya Pradesh, Vidarbha and Lakshadweep. **The lowest minimum temperature** of 18.2°C was reported at PARALAKHEMUNDI-OBS (ORISSA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 22-08-2026)**: **markedly above normal(> 5.1°C)** at most places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at few places over Arunachal Pradesh, Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim; at isolated places over Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Bihar, West Rajasthan and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Punjab; at few places over Nagaland, Manipur, Mizoram & Tripura and Tamil Nadu, Puducherry & Karaikal; at isolated places over Gangetic West Bengal, Haryana-Chandigarh-Delhi and East Rajasthan. **near normal(-1.5°C to 1.5°C)** at many places over Lakshadweep; at few places over Uttarakhand and Konkan & Goa; at isolated places over Andaman & Nicobar Islands, Odisha, East Uttar Pradesh, Saurashtra & Kutch, Rayalaseema and Kerala & Mahe. **The highest maximum temperature** of 39.9°C was reported at

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SRIGANGANAGAR (RAJASTHAN).



Meteorological Analysis (Based on 0830 hours IST)

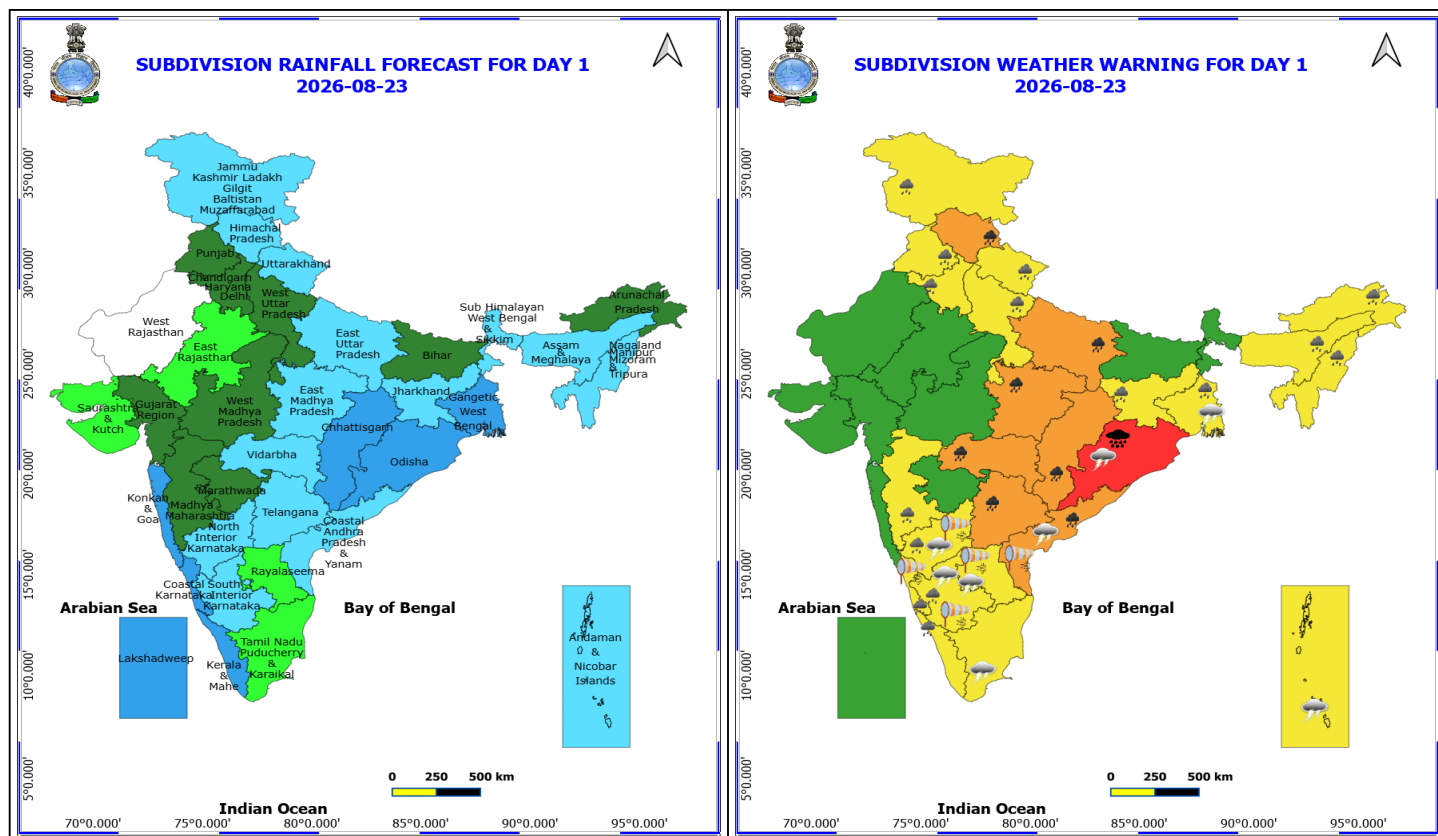
- A **LOW-PRESSURE AREA** OVER NORTHWEST BAY OF BENGAL & NEIGHBOURHOOD PERSISTED OVER THE SAME REGION AT 0830 HRS IST OF TODAY, THE 23RD AUGUST 2026. IT IS LIKELY TO MOVE NEARLY NORTHWESTWARDS ACROSS NORTH ODISHA ADJOINING GANGETIC WEST BENGAL DURING NEXT 24 HOURS. THE ASSOCIATED CYCLONIC CIRCULATION EXTENDS UPTO 7.6 KM ABOVE MEAN SEA LEVEL TILTING SOUTHWESTWARDS WITH HEIGHT.
- THE **MONSOON TROUGH** AT MEAN SEA LEVEL NOW PASSES THROUGH AMRITSAR, PATIALA, MORADABAD, LUCKNOW, DEHRI, PURULIA, CENTRE OF LOW PRESSURE AREA OVER NORTHWEST BAY OF BENGAL & NEIGHBOURHOOD AND THENCE SOUTHEASTWARDS TO EASTCENTRAL BAY OF BENGAL.
- THE TROUGH FROM CYCLONIC CIRCULATION ASSOCIATED WITH LOW PRESSURE AREA OVER NORTHWEST BAY OF BENGAL AND NEIGHBOURHOOD TO EAST UTTAR PRADESH ACROSS JHARKHAND & NORTH CHHATTISGARH NOW EXTENDS UPTO 3.1 KM ABOVE MEAN SEA LEVEL.
- THE **WESTERN DISTURBANCE** AS A TROUGH IN MIDDLE & UPPER TROPOSPHERIC WESTERLIES WITH ITS AXIS AT 5.8 KM ABOVE MEAN SEA LEVEL NOW RUNS ROUGHLY ALONG LONG. 60°E TO THE NORTH OF LAT. 30°N.
- THE **CYCLONIC CIRCULATION** OVER EAST UTTAR PRADESH PERSISTS AND NOW EXTENDS UPTO 3.1 KM ABOVE MEAN SEA LEVEL.
- A **SHEAR ZONE** RUNS ROUGHLY ALONG 22°N OVER CENTRAL INDIA BETWEEN 4.5 & 5.8 ABOVE MEAN SEA LEVEL.
- THE **UPPER AIR CYCLONIC CIRCULATION** OVER NORTH HARYANA & NEIGHBOURHOOD PERSISTS AND NOW EXTENDS UPTO 3.1 KM ABOVE MEAN SEA LEVEL.
- AN **UPPER AIR CYCLONIC CIRCULATION** LIES OVER NORTHEAST ASSAM & NEIGHBOURHOOD AT 1.5 KM ABOVE MEAN SEA LEVEL.
- AN **UPPER AIR CYCLONIC CIRCULATION** LIES OVER NORTH KERALAM & NEIGHBOURHOOD AT 7.6 KM ABOVE MEAN SEA LEVEL.

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23 August (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Odisha.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, East Uttar Pradesh, Himachal Pradesh, Telangana and Vidarbha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Karnataka, Kerala & Mahe, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttarakhand and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Gangetic West Bengal, Interior Karnataka, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Karnataka, Jharkhand, Kerala & Mahe, Lakshadweep, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Karnataka.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia &

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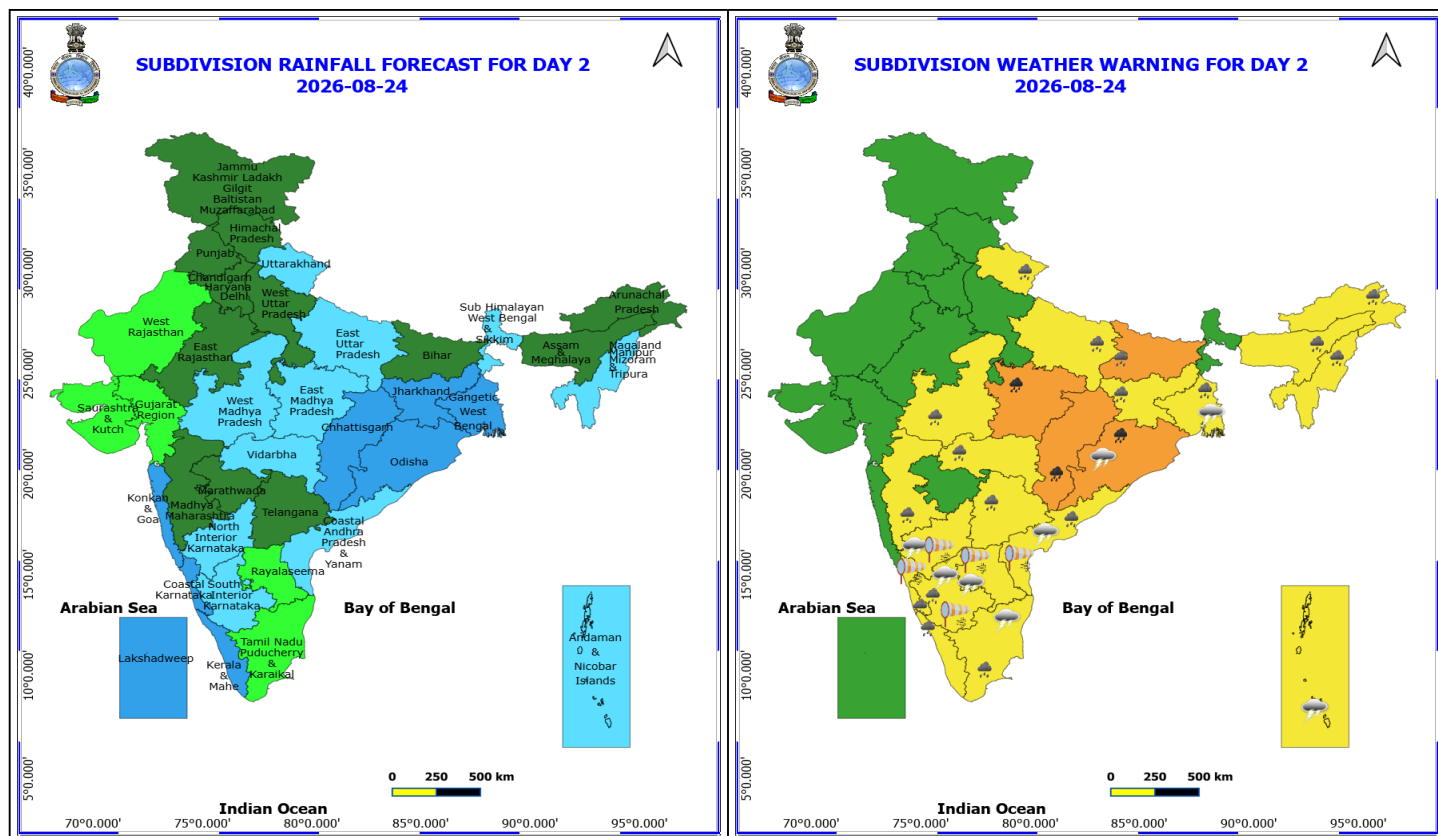
Oman coasts, over some parts of westcentral adjoining some parts of southwest Arabian Sea.

❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Karnataka, Kerala coasts, over Lakshadweep Area adjoining sea areas.

❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar adjoining Comorin area and some parts of southwest Bay of Bengal adjoining few parts of Sri Lanka coasts,

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

❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal, Odisha, and north Andhra Pradesh coasts adjoining some parts of westcentral, northwest adjoining northeast & eastcentral Bay of Bengal, and over Andaman Sea.



24 August (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, East Madhya Pradesh and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Andhra Pradesh, Coastal Karnataka, East Uttar Pradesh, Gangetic West Bengal, Jharkhand, Kerala & Mahe, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Telangana, Uttarakhand, Vidarbha and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Gangetic West Bengal, Interior Karnataka, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Karnataka, Jharkhand, Kerala & Mahe, Lakshadweep, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Karnataka.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia & Oman coasts, over some parts of westcentral adjoining some parts of southwest Arabian Sea.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off Karnataka, Kerala coasts, over Lakshadweep Area adjoining sea areas.

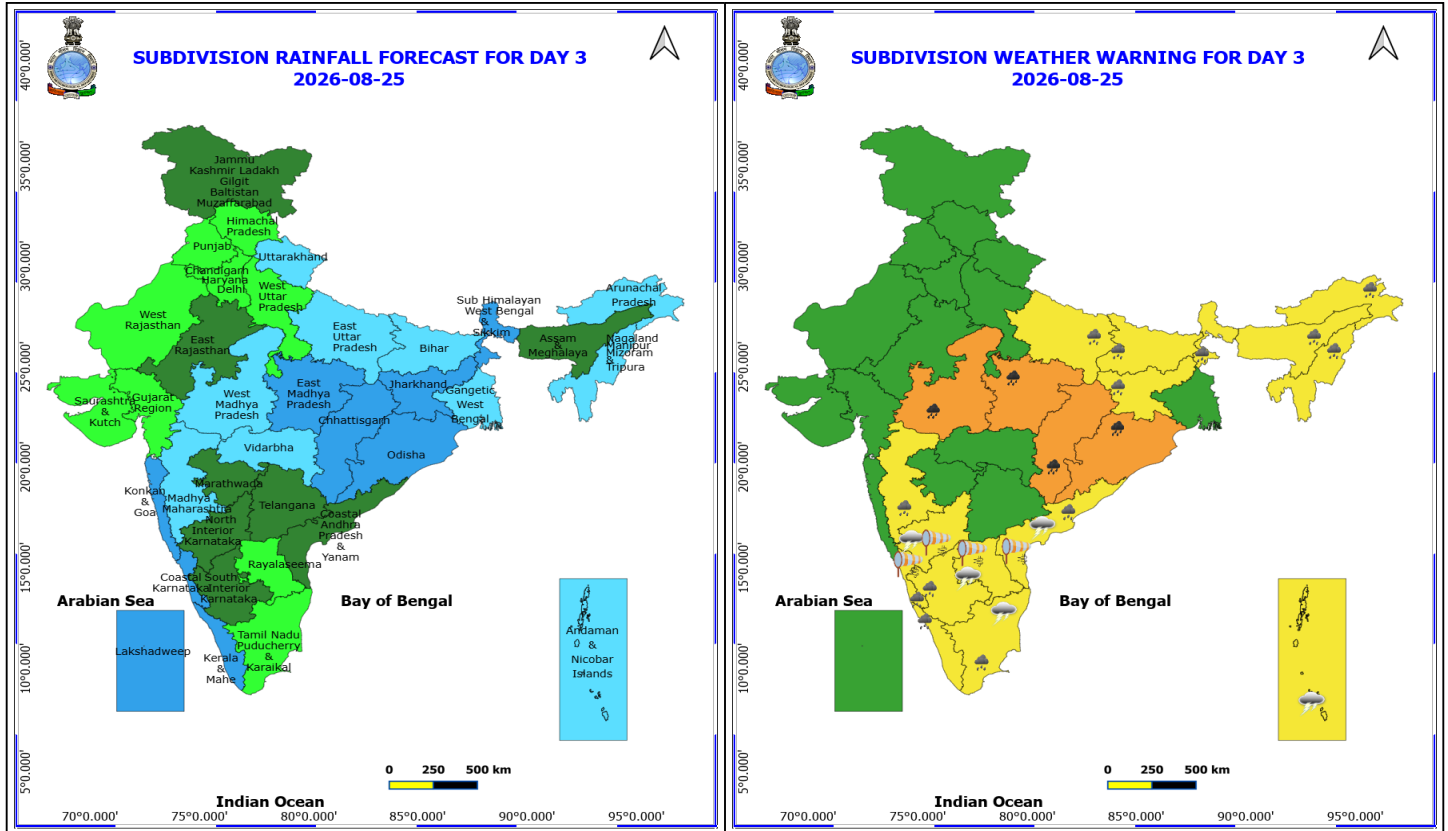
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- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar adjoining Comorin area and some parts of southwest Bay of Bengal adjoining few parts of Sri Lanka coasts,
- ❖ **Squally weather with wind speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of westcentral adjoining eastcentral Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal, Odisha, and north Andhra Pradesh coasts adjoining some parts of westcentral, northwest adjoining northeast & eastcentral Bay of Bengal, and over Andaman Sea.



25 August (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, Madhya Pradesh and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Andhra Pradesh, Coastal Karnataka, East Uttar Pradesh, Jharkhand, Kerala & Mahe, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, North Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Coastal Karnataka, Jharkhand, Odisha, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Coastal Karnataka and North Interior Karnataka.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia & Oman coasts, over some parts of westcentral adjoining some parts of southwest Arabian Sea.
- ❖ **Squally Weather** with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off Karnataka, Kerala coasts, over Lakshadweep Area adjoining sea areas.

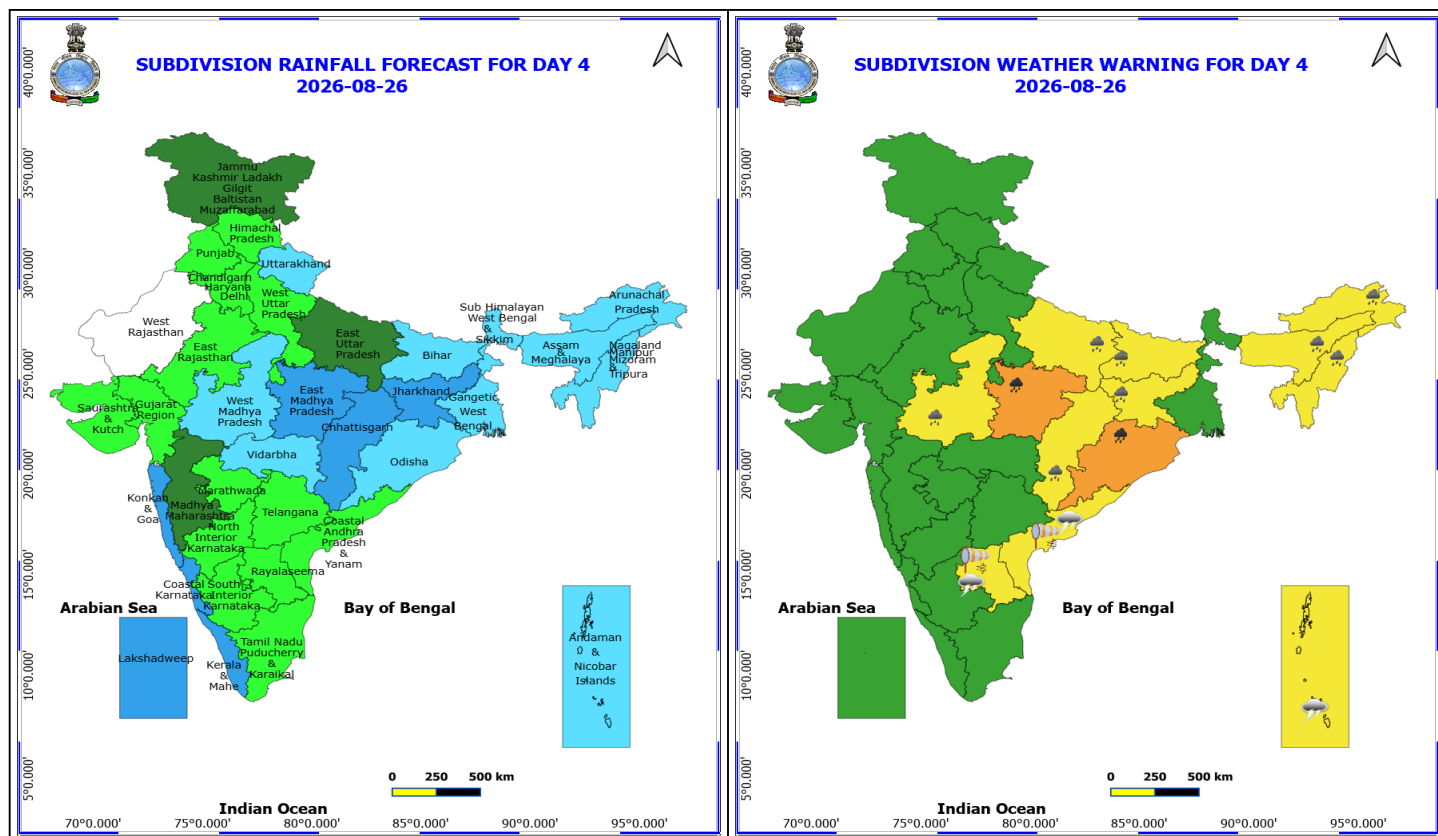
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- ❖ Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar adjoining Comorin area and southwest Bay of Bengal adjoining south Sri Lanka coast.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail off North Andhra Pradesh coasts, over most parts of westcentral adjoining some parts of eastcentral & south Bay of Bengal **and over** Andaman Sea.



26 August (Day 4)

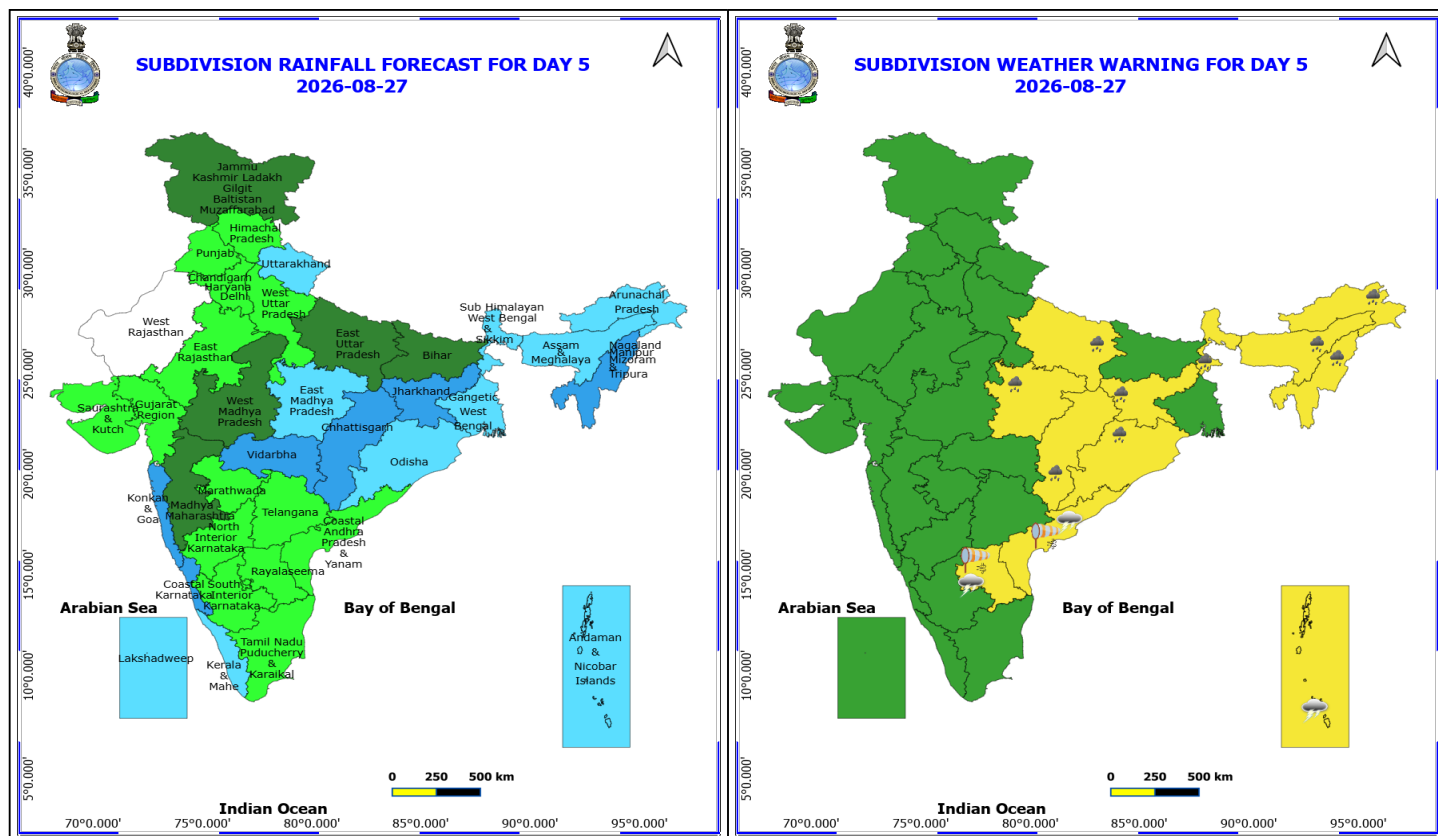
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Madhya Pradesh and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Uttar Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Gangetic West Bengal and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Madhya Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia & Oman coasts, over some parts of westcentral adjoining some parts of southwest Arabian Sea.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar adjoining Comorin area and southwest Bay of Bengal adjoining south Sri Lanka coast.
- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail over Andaman Sea.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over some parts of westcentral, eastcentral adjoining & southeast Bay of Bengal and over Andaman Sea.

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27 August (Day 5)

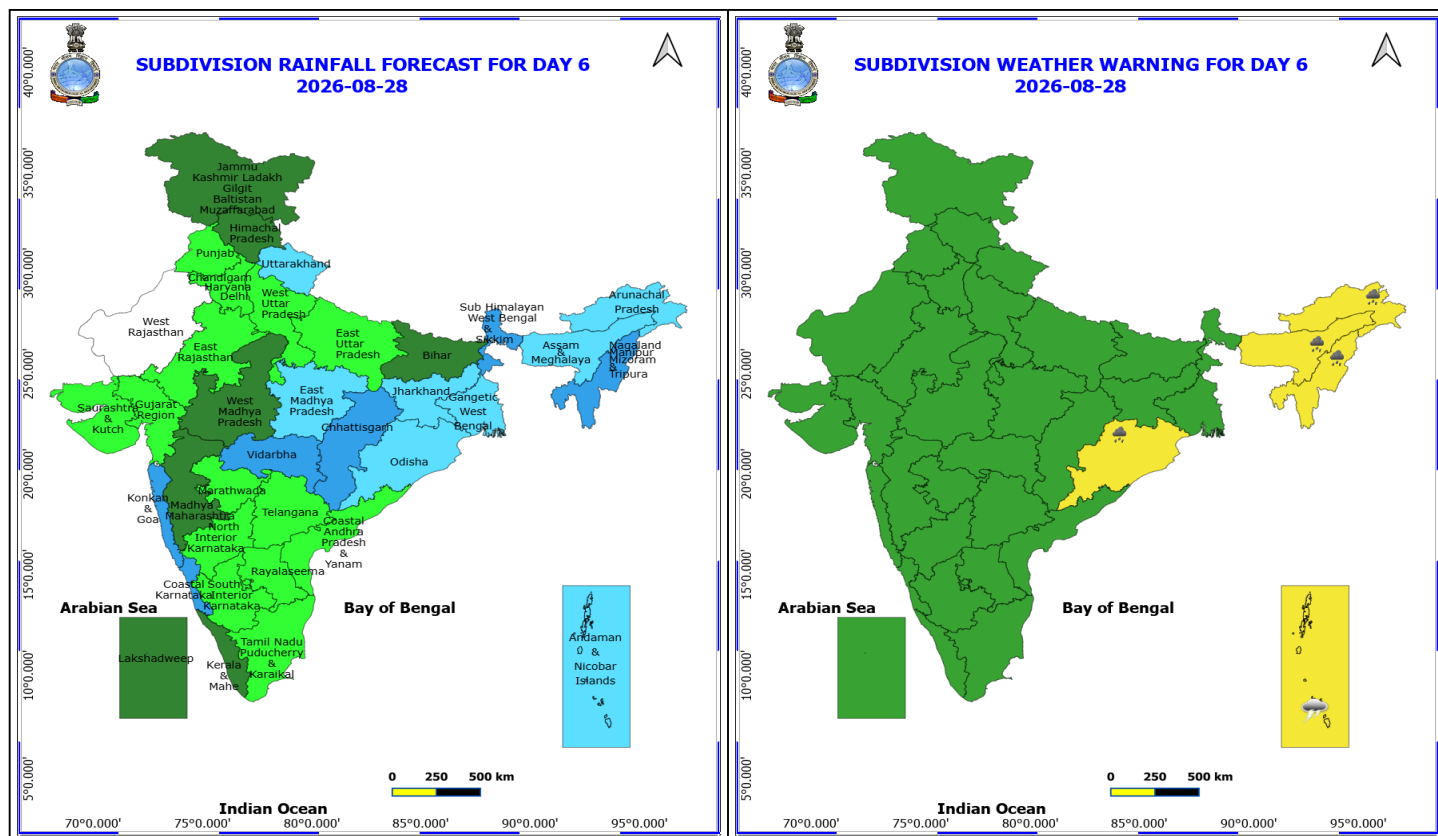
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Madhya Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia & Oman coasts, over some parts of westcentral adjoining north & eastcentral and some parts of southwest Arabian Sea.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar adjoining Comorin area and southwest Bay of Bengal adjoining south Sri Lanka coast.
- ❖ Squally weather with wind speed 45-55 kmph gusting to 65 kmph is likely to prevail over Andaman Sea.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over some parts of westcentral, eastcentral adjoining & southeast Bay of Bengal and over Andaman Sea.

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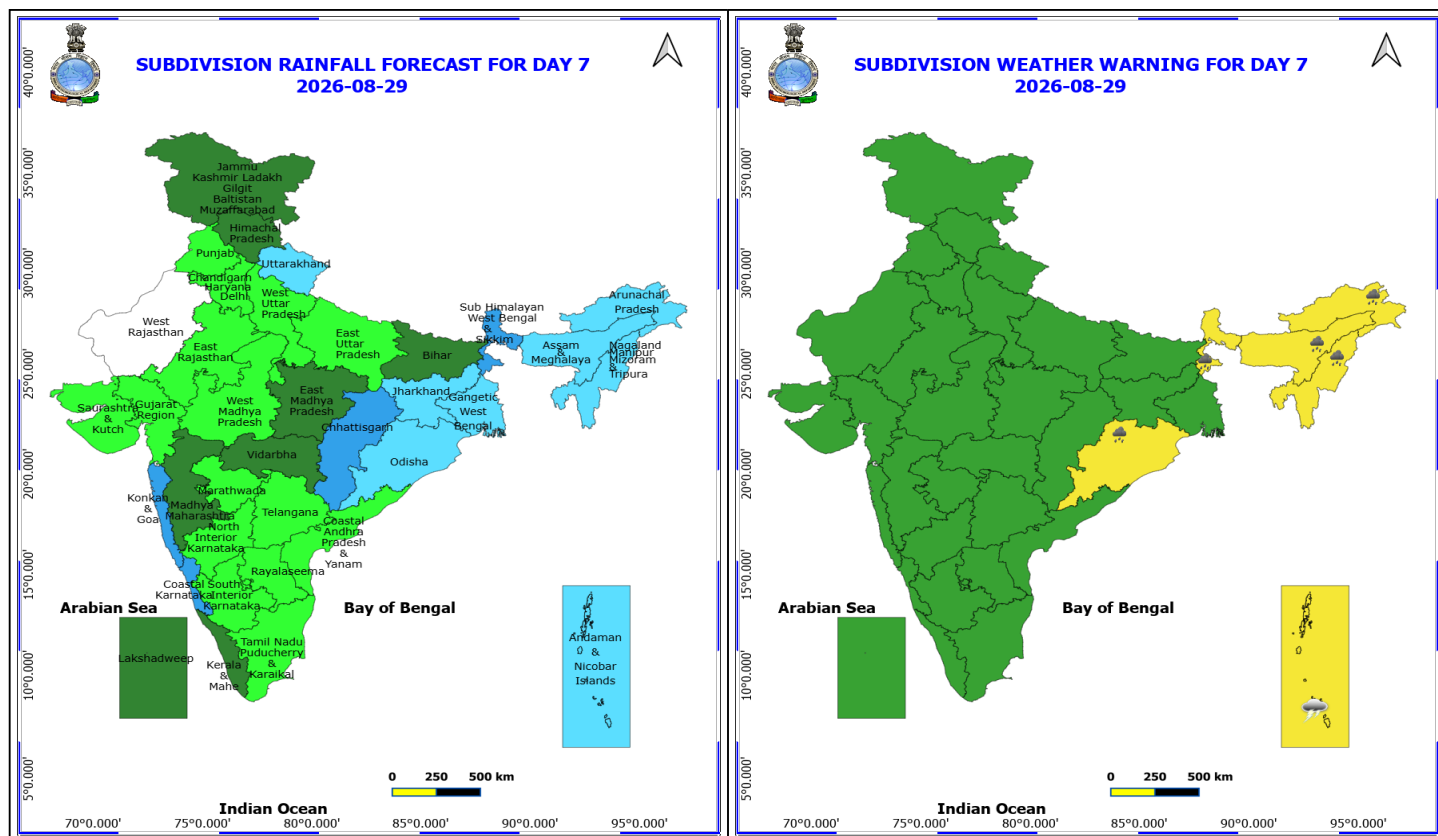
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28 August (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning



29 August (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning

Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 24-08-2026 :

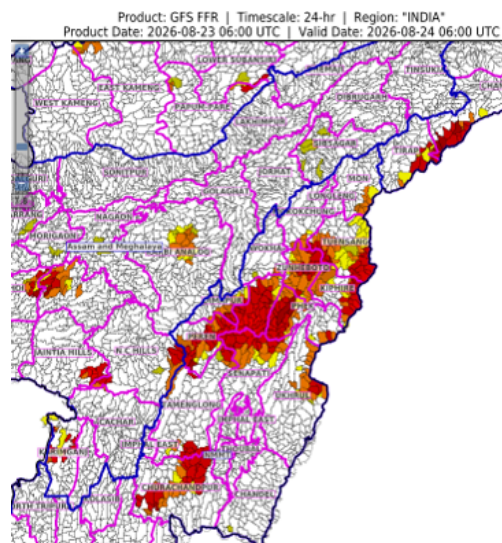
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Nagaland Mizoram Manipur Tripura

(NMMT) – Nagaland:Kohima, Kphire, Mon, Peren, Dimapur, Wokha, Zunheboto, Tuensang Districts.

Manipur:Bisnupur, ImphalEast, Imphalwest, chandel, churchandpur, senapati, ukhrul, Tamengleng Districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

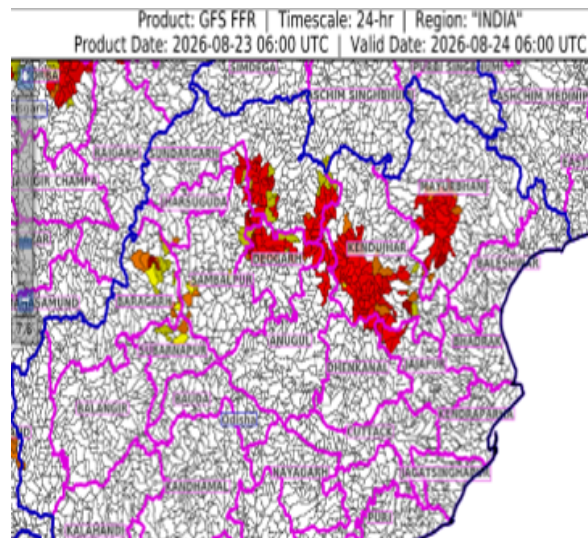


24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 24-08-2026 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Odisha - Bargarh, Deogarh, Keonjhar, Malkangiri, Mayurbhanj, Nawapara, Nawarangpur, Sambalpur and Sundargarh districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	23-Aug	24-Aug	25-Aug	26-Aug	27-Aug	28-Aug	29-Aug
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	SCT	SCT	FWS	FWS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	FWS	SCT	SCT	FWS	FWS	FWS	FWS
4	N. M. M. & T.	FWS	FWS	FWS	FWS	WS	WS	FWS
5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	WS	FWS	FWS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	FWS	FWS	FWS	FWS	FWS
7	ODISHA	WS	WS	WS	FWS	FWS	FWS	FWS
8	JHARKHAND	FWS	WS	WS	WS	WS	FWS	FWS
9	BIHAR	SCT	SCT	FWS	FWS	SCT	SCT	SCT
10	EAST UTTAR PRADESH	FWS	FWS	FWS	SCT	SCT	ISOL	ISOL
11	WEST UTTAR PRADESH	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	FWS	FWS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	FWS	SCT	ISOL	ISOL	ISOL	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	FWS	SCT	SCT	SCT	SCT	SCT	SCT
17	WEST RAJASTHAN	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	SCT	FWS	FWS	FWS	SCT	SCT	ISOL
20	EAST MADHYA PRADESH	FWS	FWS	WS	WS	FWS	FWS	SCT
21	GUJRAT REGION	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	SCT	SCT	FWS	SCT	SCT	SCT	SCT
25	MARATHWADA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	FWS	FWS	FWS	WS	WS	SCT
27	CHATTISGARH	WS	WS	WS	WS	WS	WS	WS
28	COASTAL ANDHRA PRADESH	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
35	KERALA	WS	WS	WS	WS	FWS	SCT	SCT
36	LAKSHDWEEP	WS	WS	WS	WS	FWS	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 2026-08-22

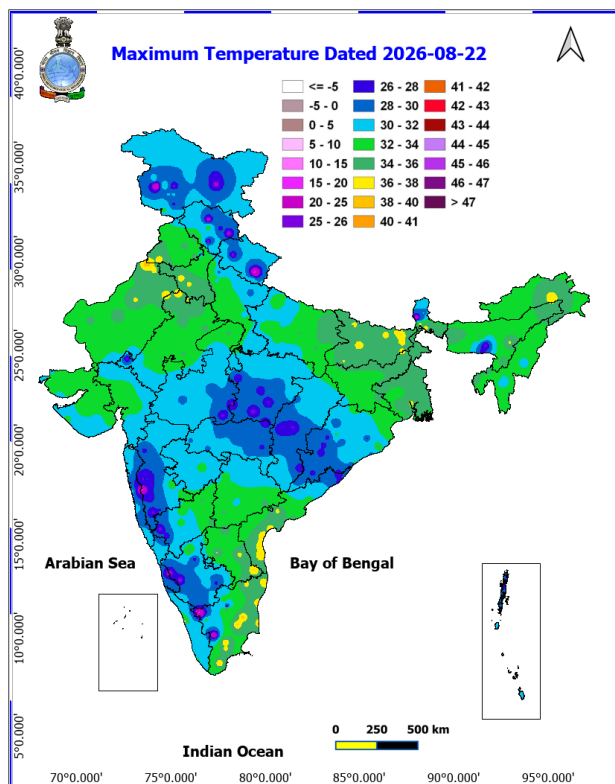


Fig. 2: Departure of Maximum Temp. Dated 2026-08-22

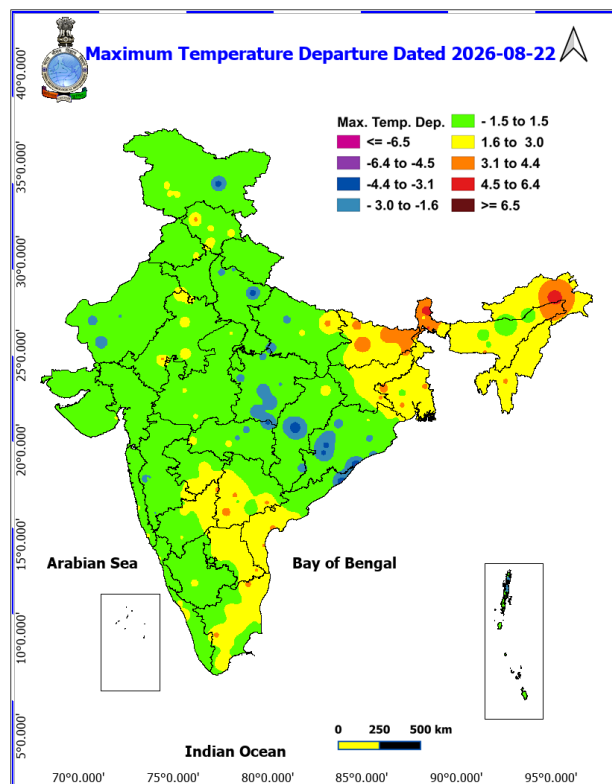


Fig. 3: Minimum Temperatures Dated 2026-08-23

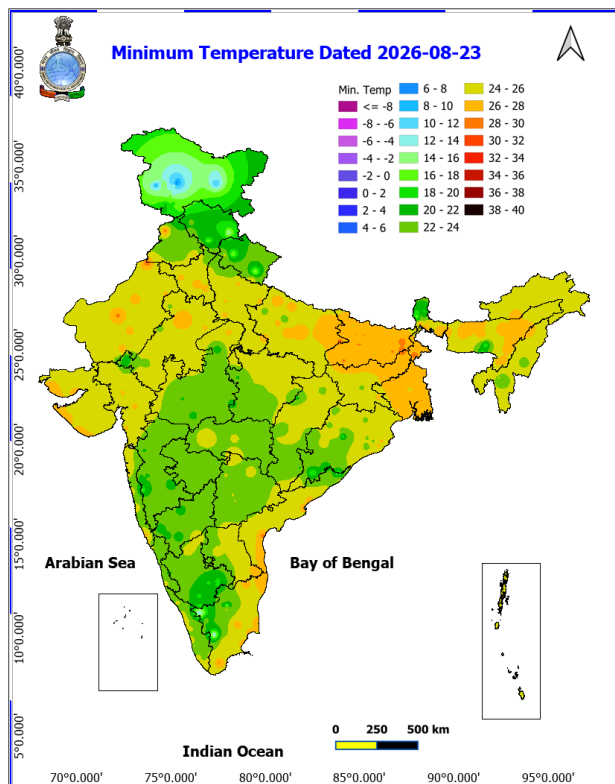
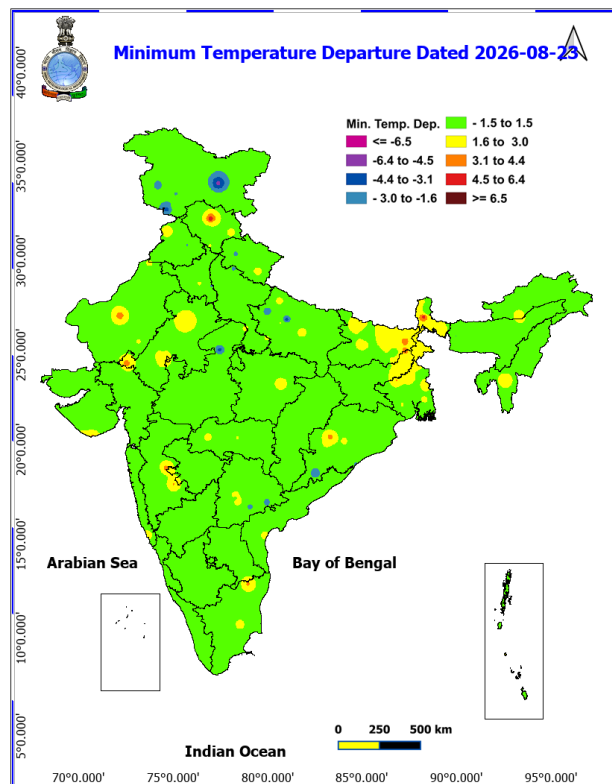
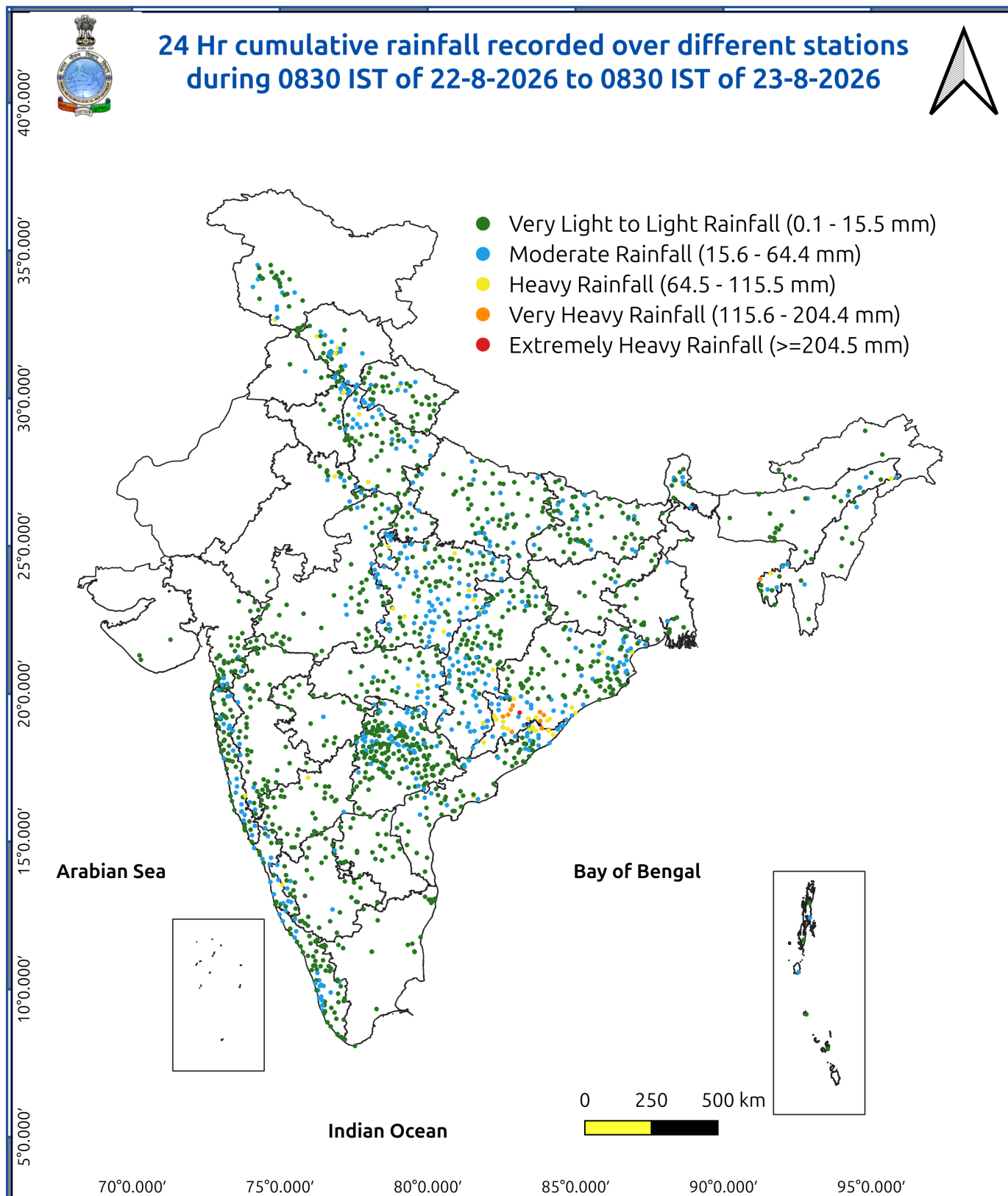


Fig. 4: Departure of Minimum Temp. Dated 2026-08-23





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Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- Isolated extremely heavy rainfall likely over Odisha on 23rd August.
- Moderate to severe lightning activity over Bihar on 24th August.

Impact expected:

Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.

Partial damage to vulnerable structures due to strong winds and rain.

Minor damage to kutcha houses/walls, huts and roads due to heavy rain.

Loose objects may fly.

Small ships, trawlers and boats may be affected.

Road and rail traffic may be affected due to heavy rain and squally winds.

There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.

Occasional reduction in visibility due to heavy rainfall.

Helicopter services may get affected.

Action suggested:

People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.

Take safe shelters; do not take shelter under trees, as there could be lightning.

In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.

Tourism and recreational activities to be regulated.

Onshore and offshore activities to be judiciously regulated.

Helicopter services to be regulated.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Odisha**, drain out excess rain water from *kharif* rice, maize, pulses, cotton, pigeon pea, banana, vegetable fields and nursery beds. Keep field drains, outlets and bunds clear and functional. In waterlogged areas, postpone sowing/re-sowing of maize and green gram and prevent water stagnation in pearl millet. Provide staking/support to vegetables, banana, papaya and young horticultural plants. Protect tomato, chilli and brinjal nurseries with polythene sheets and postpone rice and horticultural crop transplanting in waterlogged fields until suitable soil conditions are restored.
- In **East Madhya Pradesh**, ensure proper drainage in soybean, cotton, maize and sugarcane fields to prevent

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waterlogging. Provide support to young fruit plants. Postpone planting of new saplings. Postpone field operations, fertilizer application and plant protection measures in waterlogged fields and provide staking/support to vegetables and tall crops to minimize lodging.

- In **Vidarbha**, ensure proper drainage in the fields of soybean, cotton, pigeon pea, sorghum, maize, green gram and black gram.
- In **Chhattisgarh**, maintain effective drainage from rice, maize, groundnut, minor millets and pulses fields.
- In **Uttar Pradesh**, maintain effective drainage in paddy, pigeon pea, pulses, oilseeds and vegetable fields, particularly in low-lying areas, and promptly remove excess rainwater.
- In **Himachal Pradesh**, keep drainage channels in ginger and turmeric fields clear and functional and ensure prompt removal of excess rainwater from maize fields. Harvest mature vegetables such as cucumber, bottle gourd, bitter melon, snake melon, ridge melon, sponge melon and keep harvested produce in a safe place.
- In **Coastal Andhra Pradesh**, maintain proper drainage in paddy and other standing crop fields and remove excess water from low-lying areas. Provide support to banana, papaya and vegetable crops against lodging.
- In **Telangana** withhold irrigation in standing crops and ensure proper drainage to remove excess rain water from the crop fields.
- In **Karnataka**, keep field drainage channels clear and maintain proper drainage to drain out excess rainwater from paddy, maize, millets, vegetables, arecanut plantations and fruit orchards to prevent prolonged waterlogging. Provide mechanical support to banana and tomato crops. Keep the harvested produce of green gram at safe place.
- In **Kerala**, maintain effective drainage to remove excess rain water around palm and from other standing crop fields.
- In **Ghat** areas of **Madhya Maharashtra**, drain out excess water from rice, groundnut, vegetable and other standing crop fields and keep drainage channels clear. Postpone fertilizer and plant protection operations during rainfall and resume field operations only when soil conditions become suitable.
- In **Uttarakhand**, maintain proper and effective drainage in rice, soybean, maize, red gram, ginger, garlic, barnyard millet, finger millet, tomato and other standing crop fields. Harvest mature tomato, French bean and potato and keep the produce in a safe, dry place.
- In **Haryana**, maintain proper drainage in standing crop fields and promptly remove excess rainwater from low-lying areas.
- In **Gangetic West Bengal**, prepare broad bed and furrow systems to improve drainage and aeration for groundnut in areas prone to water accumulation. Harvest matured crops promptly when conditions permit and store in a dry, safe place.
- In **Jharkhand**, ensure proper drainage in maize, pigeon pea and other standing crops and remove excess rainwater. Avoid fertilizer and plant protection operations during wet conditions.
- In **Arunachal Pradesh**, maintain proper drainage in maize, finger millet, soybean, cowpea, vegetable fields and orchards to prevent waterlogging.
- In **Assam**, maintain proper drainage and keep field channels clear in rice, sugarcane, soybean, pigeon pea, jute, sesame and vegetable fields and orchards. Remove excess water promptly from low-lying fields and prevent water stagnation in sugarcane.
- In **Meghalaya**, maintain continuous drainage in maize, cowpea, okra and ginger and keep drainage channels free from obstruction. Provide staking or trellising to cowpea and support other vulnerable horticultural crops to prevent lodging.
- In **Nagaland, Manipur, Mizoram and Tripura**, maintain proper drainage in rice, soybean, black gram, ginger, turmeric, cole crops and vegetable fields and prevent water stagnation.
- In **Bihar**, make necessary arrangements to drain out excess rainwater from rice, maize, pulses and other standing crop fields, particularly in low-lying areas.
- In **West Madhya Pradesh**, make necessary arrangements for effective drainage in soybean, maize, cotton, sugarcane and vegetable fields.

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.

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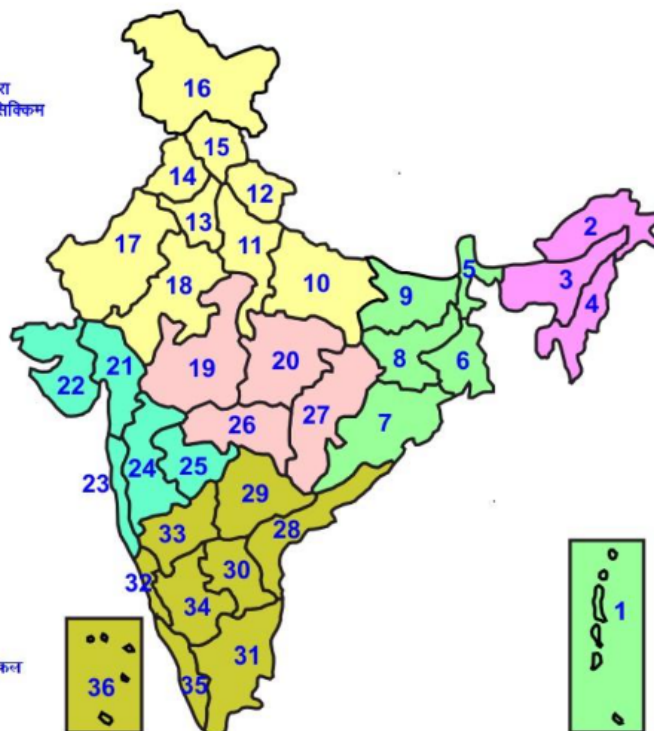
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Livestock / Poultry / Fisheries

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

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 चंडीगढ़ 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 मराठावाड़ा
- 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. Marathwada
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 at least 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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