

2026-08-22

Time of Issue: 16:30:00 hours IST
(Evening)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather forecast and Warnings

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 22nd-23rd August; Himachal Pradesh on 22nd August; Uttarakhand during 22nd-28th August.
- **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh during 22nd-25th August.
- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 24th-28th August; Himachal Pradesh during 23rd-28th August.
- **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- Isolated **thunderstorm & lightning** likely over Uttarakhand during 22nd-28th August.
- Isolated **heavy rainfall** likely over Haryana Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab and West Uttar Pradesh on 22nd August; Uttarakhand during 22nd-28th August; East Uttar Pradesh on 23rd August with isolated **very heavy rainfall** also likely over East Uttar Pradesh on 22nd August.

Central India:

- **Fairly Widespread to Widespread** rainfall likely over East Madhya Pradesh and West Madhya Pradesh during 22nd-26th August; Vidarbha during 22nd-25th August; Chhattisgarh during 22nd-28th August.
- **Isolated to Scattered** rainfall likely over East Madhya Pradesh and West Madhya Pradesh during 27th-28th August; Vidarbha during 26th-28th August.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 22nd-26th August.
- Isolated **heavy rainfall** likely over West Madhya Pradesh during 22nd-25th August; East Madhya Pradesh during 23rd-26th August; Vidarbha during 23rd-24th August; Chhattisgarh during 24th-28th August with isolated **very heavy rainfall** also likely over East Madhya Pradesh on 22nd August; Chhattisgarh during 22nd-23rd August.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha and Sub-Himalayan West Bengal & Sikkim during 22nd-28th August; Jharkhand during 23rd-28th August; Bihar during 24th-26th August.
- **Isolated to Scattered** rainfall likely over Jharkhand on 22nd August; Bihar during 22nd-23rd August and during 27th-28th August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 22nd-28th August; Bihar during 22nd-23rd August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 22nd-25th August; Jharkhand and Odisha during 22nd-26th August; Bihar during 24th-28th August.
- Isolated **heavy rainfall** likely over Andaman & Nicobar Islands on 22nd August; Sub-Himalayan West Bengal & Sikkim during 24th-26th August; Gangetic West Bengal and Jharkhand during 23rd-24th August; Bihar during 24th-27th August with isolated **very heavy rainfall** also likely over Odisha during 22nd-28th August.
- **Moderate to severe lightning activity over Bihar on 22nd & 23rd August.**

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 22nd-25th August; Assam & Meghalaya during 24th-25th August.
- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 26th-28th August; Assam &

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

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

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

(Service to the nation since 1875)

Meghalaya during 22nd-23rd August and during 26th-28th August; Nagaland, Manipur, Mizoram & Tripura during 22nd-28th August.

- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 22nd-23rd August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 22nd-26th August.
- Isolated **heavy rainfall** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 22nd-28th August.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 22nd-28th August.
- **Isolated to Scattered** rainfall likely over Gujarat Region, Madhya Maharashtra, Marathawada and Saurashtra & Kutch during 22nd-28th August.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 22nd-28th August; North Interior Karnataka and South Interior Karnataka on 22nd August and during 25th-28th August.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 22nd-28th August; North Interior Karnataka and South Interior Karnataka during 23rd-24th August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 22nd-25th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 22nd-26th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep during 22nd-25th August; Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 22nd-24th August; Telangana during 23rd-26th August.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 24th-25th August; Kerala & Mahe and Telangana during 23rd-25th August; Coastal Karnataka and South Interior Karnataka during 23rd-24th August; Coastal Andhra Pradesh & Yanam on 22nd August.
- Strong Surface Winds likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 22nd-24th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 22nd-26th August.

Fishermen Warning:

- **Arabian Sea:** Along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian Sea till 26th August, Over few parts of north Arabian Sea on 21st and 25th August, over few parts of eastcentral Arabian Sea till 24th August. Along & off Kerala, Lakshadweep sea & Comorin Area during 23rd to 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 26th August; over some parts of southeast adjoining southwest Bay of Bengal on 21st August; along and off North Andhra Pradesh coasts, over some parts of westcentral Bay of Bengal during 22nd to 26th August.

Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **West Uttar Pradesh:** Mawana (dist Meerut) 19; **East Uttar Pradesh:** Kaiserganj (dist Bahraich) 16; Nanpara (dist Bahraich) 12; Bahraich (dist Bahraich) 9; Akbarpur Fmo (dist Ambedkar Nagar) 7; **East Madhya Pradesh:** Tendukheda (dist Damoh) 13; Majholi (dist Jabalpur) 12; Patan (dist Jabalpur), Ajaigarh (dist Panna) 11 Each; Rewa-aws (dist Rewa), Niwas (dist Mandla) 9 Each; Kumdam (dist Jabalpur), Huzur (dist Rewa) 8 Each; Mauganj (dist Mauganj), Panagar (dist Jabalpur), Shahpura (dist Jabalpur), Naigarhi (dist Mauganj), Barela (dist Jabalpur), Ranjhi (dist Jabalpur) 7 Each; **Nagaland, Manipur, Mizoram & Tripura:** Teliamura ARG (dist Khowai) 13; Ghilatali AWS (dist Khowai) 8; Amarpur CWC (dist Gomati) 7; **Arunachal Pradesh:** Namsai (dist Lohit) 12; **Andaman & Nicobar Islands:** Long Island (dist North & Middle Andaman) 10; Maya Bandar (dist North & Middle Andaman) 8; **Odisha:** Chilika (dist Khurda) 9; Nawarangpur (dist Nawarangpur), Nandahandi (dist Nawarangpur), Nawarangpur PTO (dist Nawarangpur) 8 Each; Tentulikhunti (dist Nawarangpur) 7; **Assam & Meghalaya:** Sualkuchi ARG (dist Kamrup (rural)) 9; Dholai (dist Cachar) 7; **Himachal Pradesh:** Dharmasala (dist Kangra) 7; **Haryana-Chandigarh-Delhi:** Gurgaon REV (dist Gurgaon), Jhahhar (dist Jhajjar) 7 Each; **West Madhya Pradesh:** Datia-aws (dist Datia) 7.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh, West Uttar Pradesh and East Madhya Pradesh. **Heavy rain** at a few places over Andaman & Nicobar Islands and at isolated places over Assam & Meghalaya, Odisha, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Madhya Pradesh and South Interior Karnataka.

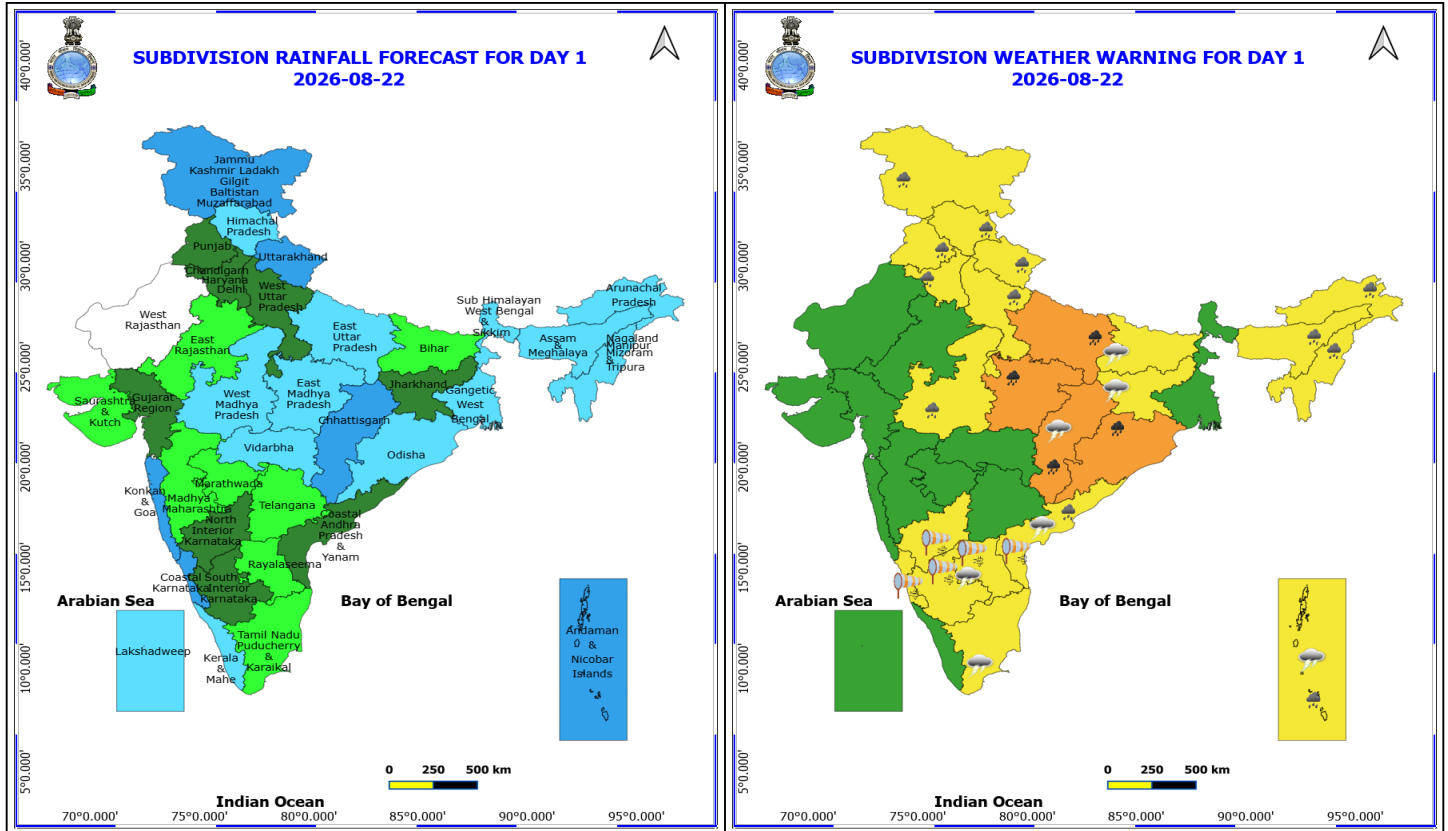
❖ **Minimum Temperature Departures (as on 22-08-2026):** **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh and West Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Gangetic West Bengal and East Madhya Pradesh; at isolated places over Odisha, Uttarakhand, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Lakshadweep; at most places over Arunachal Pradesh; at few places over Punjab, East Rajasthan and Telangana; at isolated places over Andaman & Nicobar Islands, Haryana-Chandigarh-Delhi, Vidarbha, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at most places over Jharkhand, Konkan & Goa, Marathwada, Chhattisgarh, Rayalaseema, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka. **The lowest minimum temperature** of 18.2°C was reported at PARALAKHEMUNDI-OBS (ORISSA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 21-08-2026):** **appreciably above normal(3.1°C to 5.0°C)** at most places over Himachal Pradesh. **above normal(1.6°C to 3.0°C)** at isolated places over Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at most places over Konkan & Goa; at few places over Coastal Andhra Pradesh & Yanam; at isolated places over East Uttar Pradesh. **The highest maximum temperature** of 39.9°C was reported at SRIGANGANAGAR (RAJASTHAN).



Meteorological Analysis (Based on 1430 hours IST)

- The **Low Pressure Area** over northeast Madhya Pradesh & neighbourhood persisted over the same region at 1430 hrs IST of today, the 22nd August, 2026. The associated cyclonic circulation extending upto 4.5 km above mean sea level.
- The **upper air cyclonic circulation** over north Haryana & neighbourhood extending upto 1.5 km above mean sea level persists.
- The **Monsoon trough** at mean sea level continues to pass through Amritsar, Najibabad, Hardoi, centre of Low Pressure Area over northeast Madhya Pradesh & neighbourhood, Jamshedpur, Digha and thence southeastwards to Northeast Bay of Bengal and extends upto 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood extending upto 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over north Bay of Bengal off West Bengal-Bangladesh Coasts extending upto 5.8 km above mean sea level tilting southwestwards with height persists. Under its influence, a low pressure area is likely to form over the same region during next 24 hours.



22 August (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Coastal Andhra Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Punjab, Uttarakhand, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Chhattisgarh, Jharkhand and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Kerala & Mahe, Lakshadweep, Odisha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **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 coast, over many parts of westcentral adjoining some parts of southwest, and few parts of eastcentral Arabian Sea
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of

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

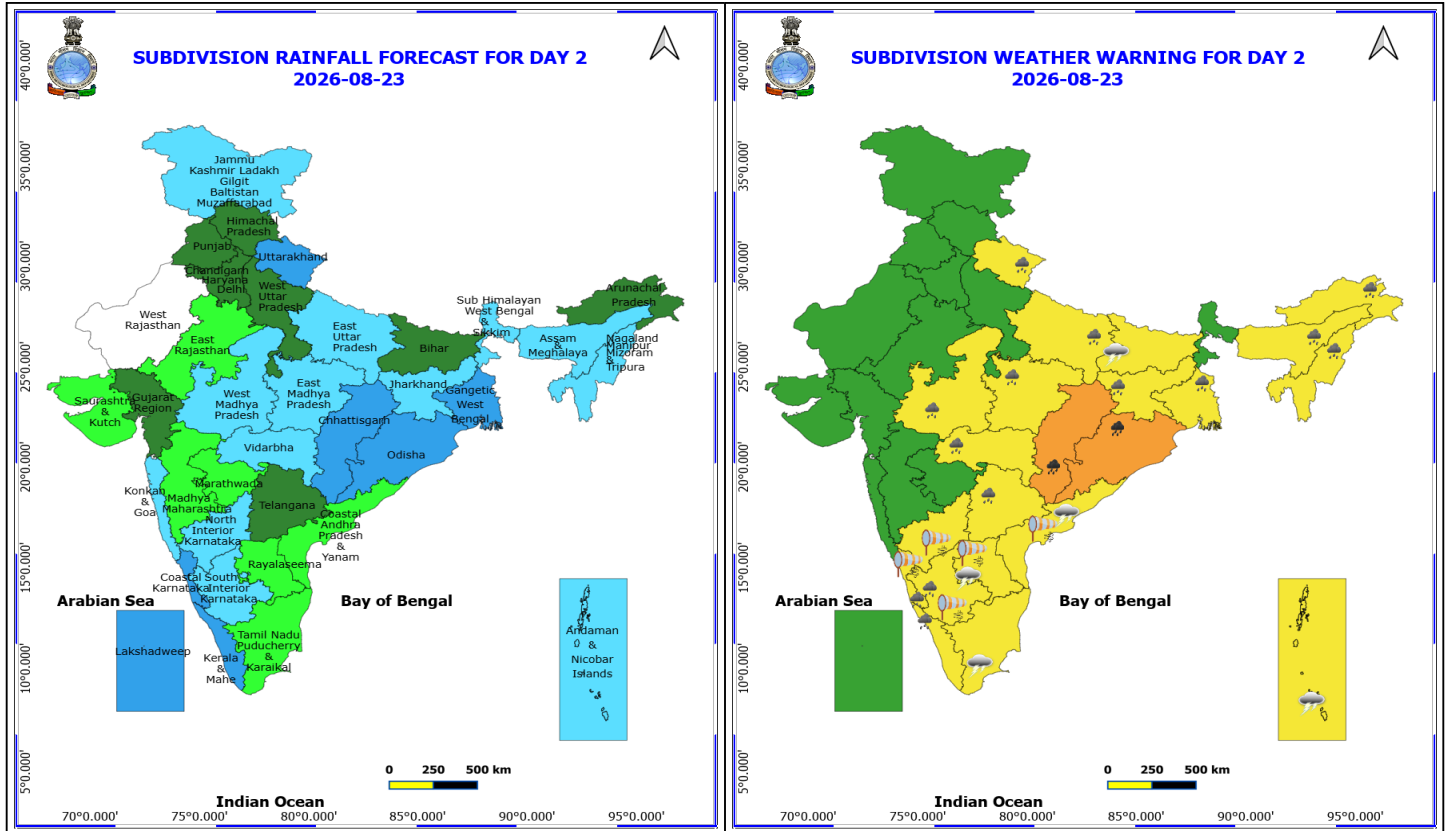
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

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 West Bengal, Odisha, and north Andhra Pradesh coasts adjoining some parts of westcentral and northwest Bay of Bengal, over Andaman Sea.



23 August (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Uttar Pradesh, Gangetic West Bengal, Jharkhand, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Telangana, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, Bihar and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Karnataka, Kerala & Mahe, Lakshadweep, Odisha, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **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 coast, over some parts of westcentral adjoining some parts of southwest Arabian Sea.
- ❖ **Squally Weather with wind speed 35-45 kmph gusting to 55 kmph** is likely to prevail along and off Karnataka, Kerala, 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 southwest Bay of Bengal adjoining south Sri Lanka coast, over some parts of

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

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

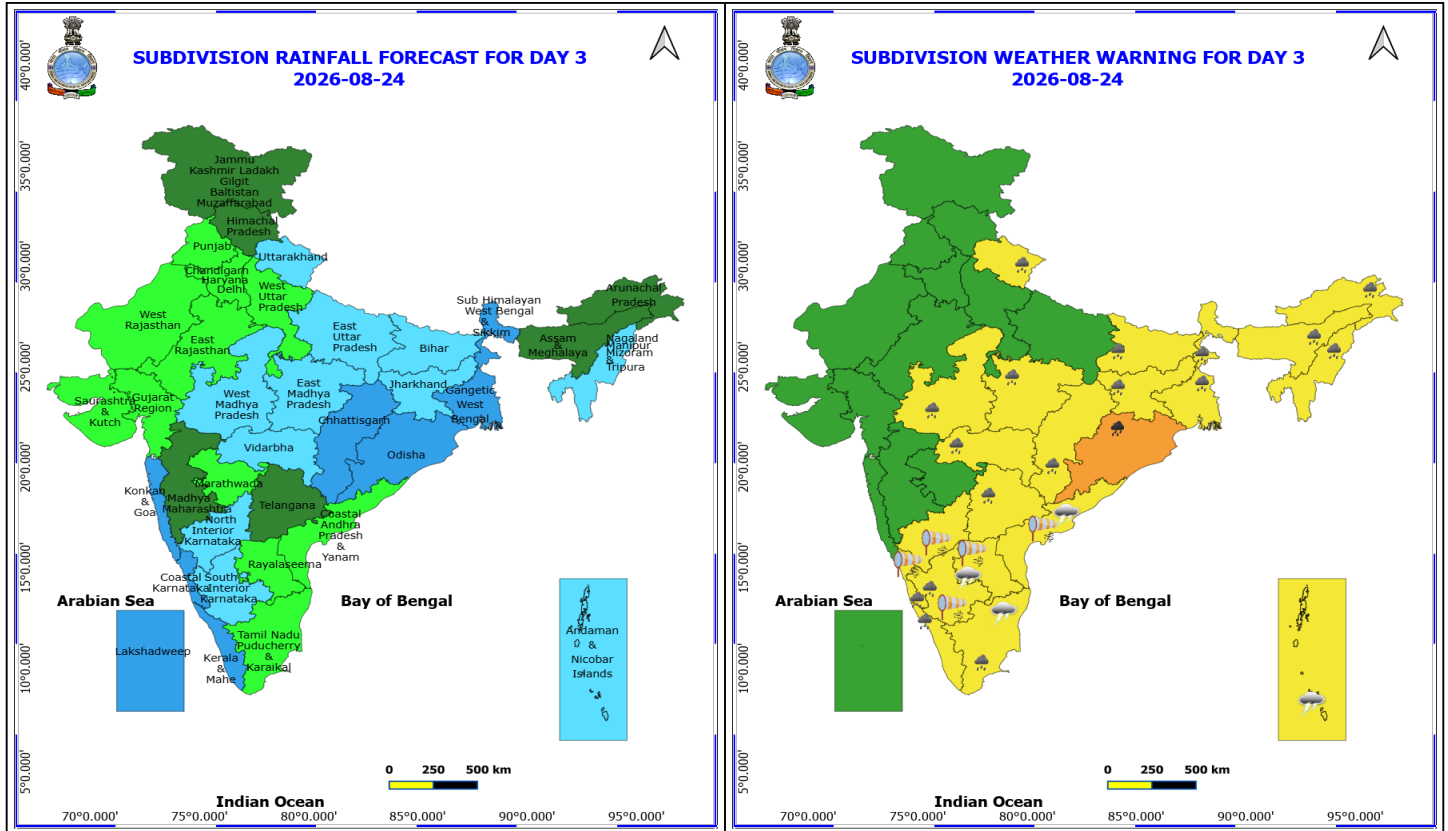
For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

(Service to the nation since 1875)



westcentral adjoining few parts of southwest Bay of Bengal.

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



24 August (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Karnataka, Jharkhand, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Tamil Nadu Puducherry & Karaikal, Telangana, Uttarakhand, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, East Rajasthan, Jharkhand, Karnataka, Kerala & Mahe, Lakshadweep, Odisha, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **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 coast, over some parts of westcentral adjoining some parts of southwest Arabian Sea.
- ❖ **Squally Weather with wind speed 35-45 kmph gusting to 55 kmph** is likely to prevail along and off Karnataka, Kerala, 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

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

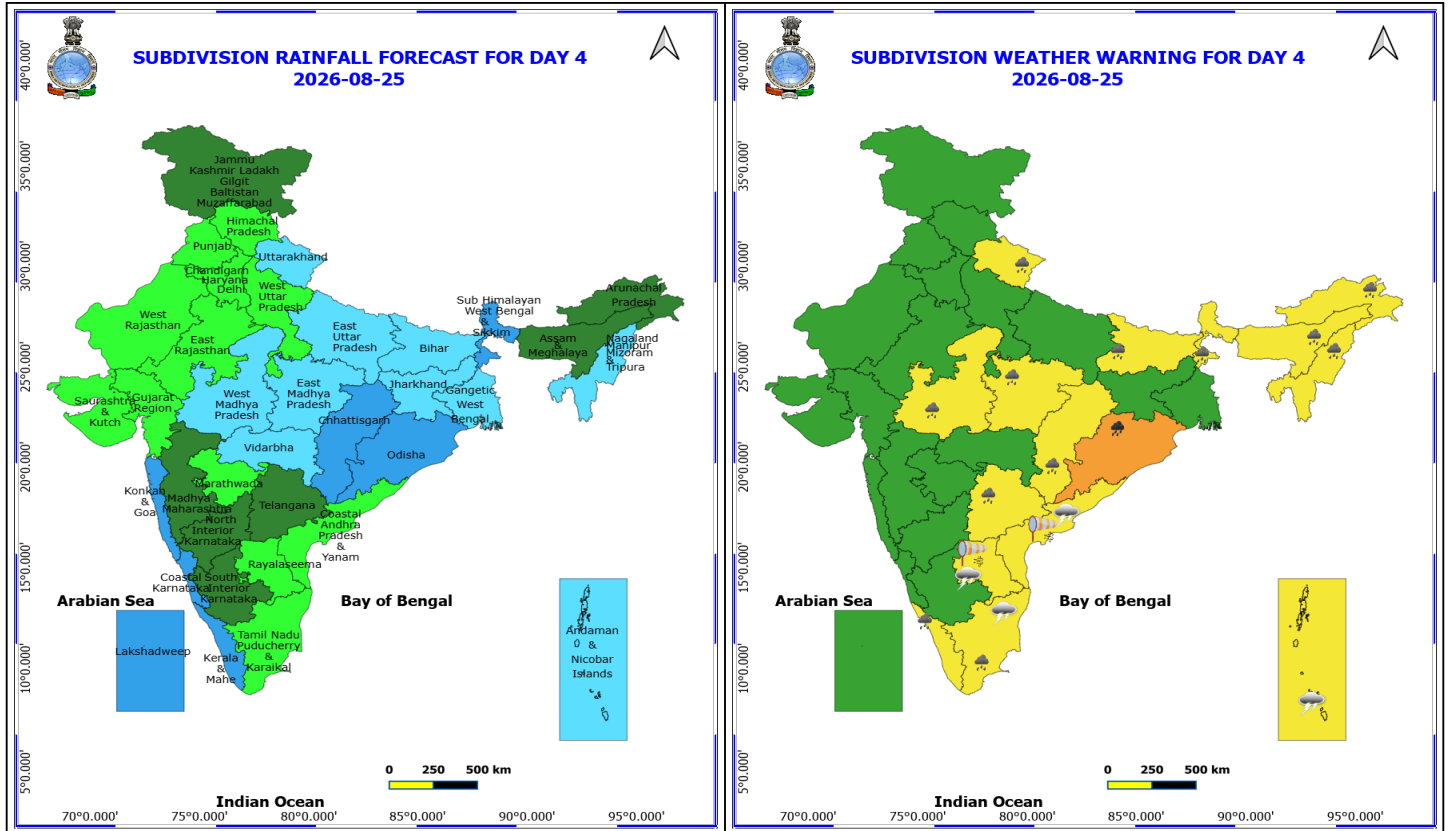
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)

Mannar adjoining Comorin area and southwest Bay of Bengal adjoining south and north Sri Lanka coast, over some parts of westcentral adjoining few parts of south Bay of Bengal.

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



25 August (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, East Rajasthan, Jharkhand, Kerala & Mahe, Lakshadweep, Odisha, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura 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 coast, over some parts of westcentral adjoining some parts of southwest Arabian Sea.
- ❖ **Squally Weather with wind speed 35-45 kmph gusting to 55 kmph** is likely to prevail along and off Karnataka, Kerala, 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 southwest Bay of Bengal adjoining south Sri Lanka coast, over some parts of westcentral adjoining few parts of south Bay of Bengal.

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

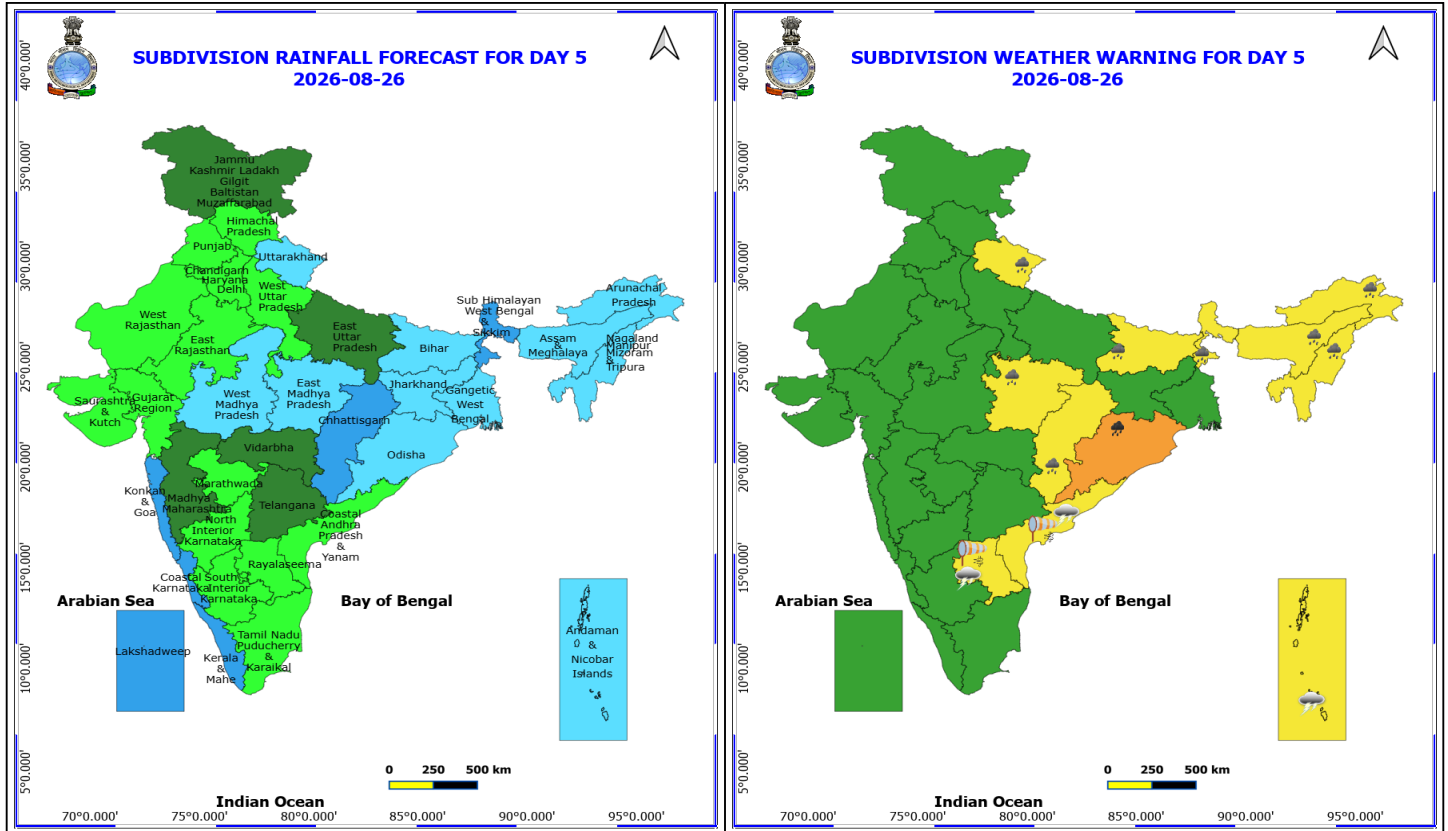
Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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

(Service to the nation since 1875)



❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off North Andhra Pradesh coasts, over some parts of westcentral Bay of Bengal, over Andaman Sea.



26 August (Day 5)

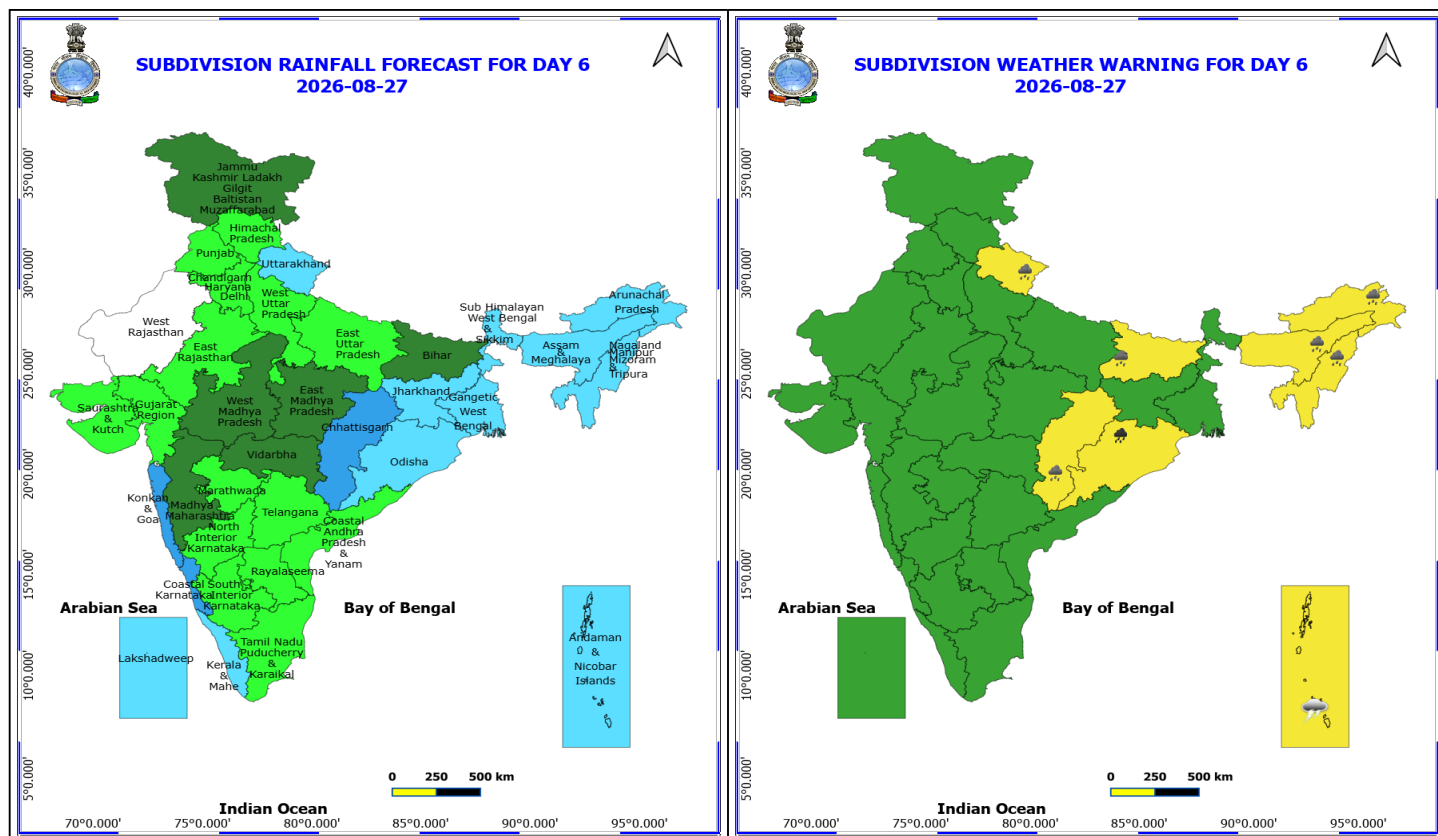
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **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, East Rajasthan, Jharkhand, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura 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 coast, 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, over some parts of eastcentral adjoining some parts of southeast and few parts of westcentral Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Andaman Sea.

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

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

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

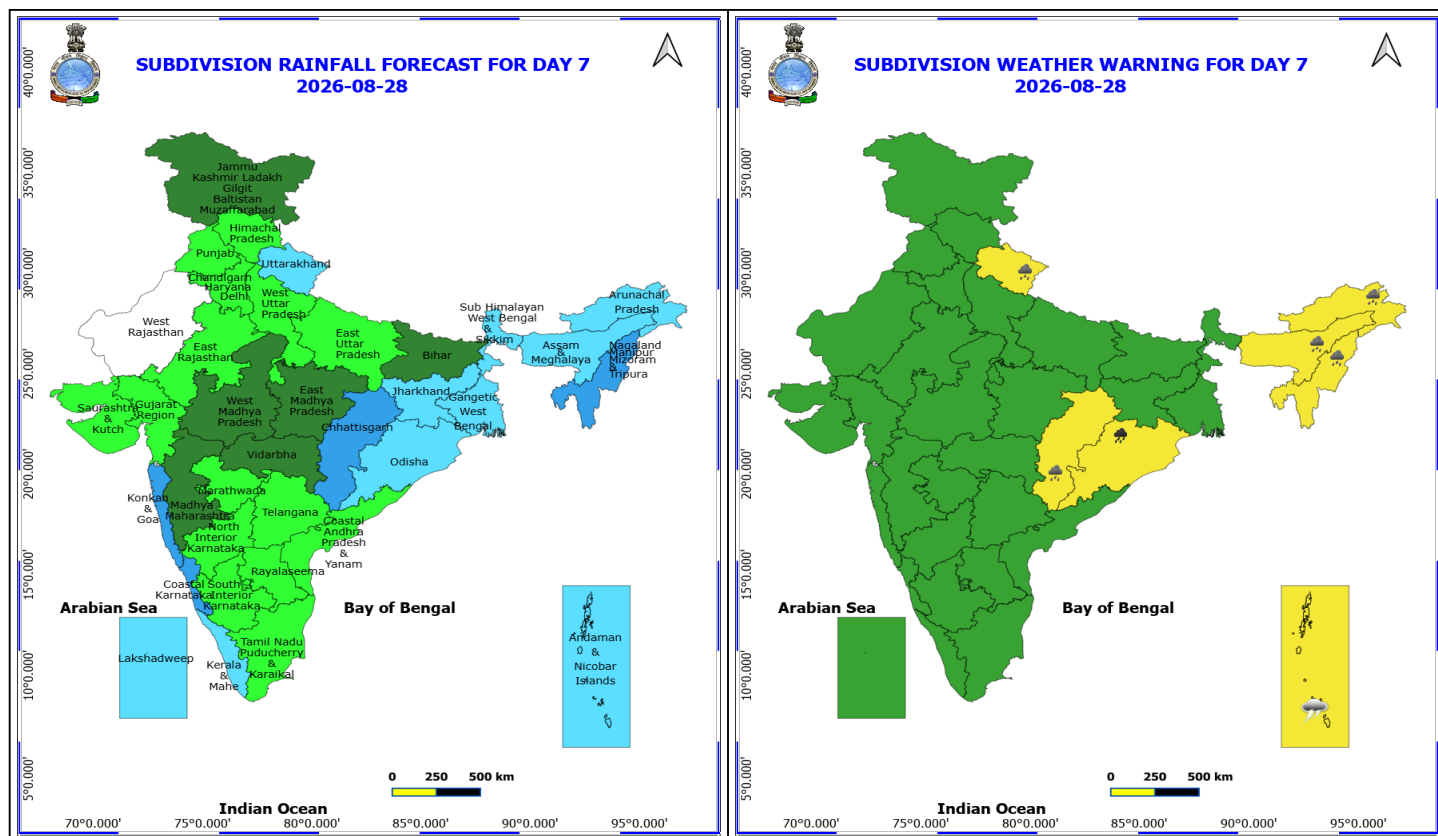
(Service to the nation since 1875)



27 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **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



28 August (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **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 23-08-2026 :

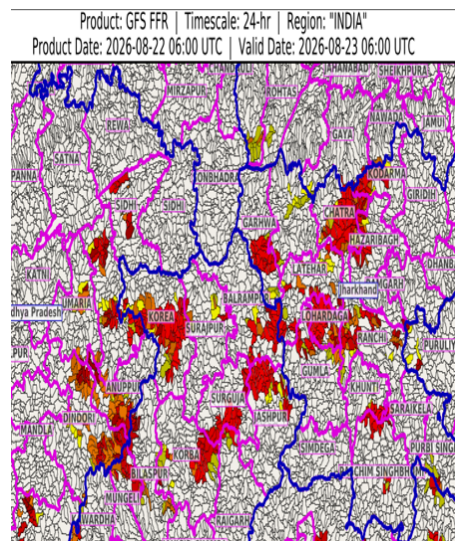
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Chhattisgarh - Balarampur, Bilaspur, Jashpur, Korba, Korea, Mungeli, Surajpur and Surguja districts.

East Madhya Pradesh - Anuppur, Balaghat, Dindori, Shahdol, Sidhi and Umaria districts.

Jharkhand - Chatra, East Singhbhum, Garhwa, Gumla, Hazaribagh, Khunti, Koderma, Latehar, Lohardaga, Palamu, Ranchi and West Singhbhum 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.



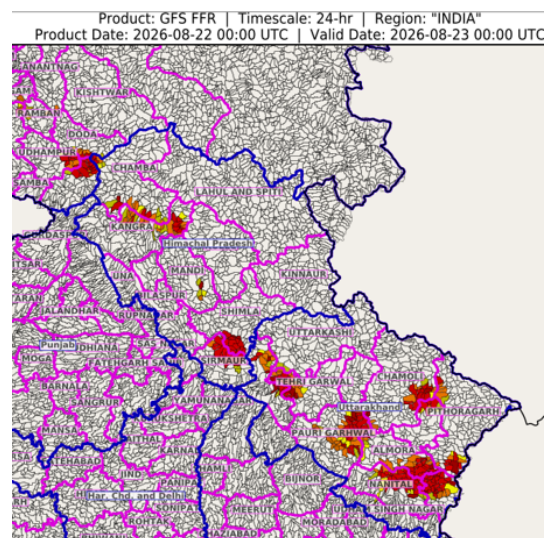
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 23-08-2026 :

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

Himachal Pradesh - Chamba, Kangra, Mandi, Shimla and Sirmaur districts.

Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nanital, Pauri Garhwal, Pithoragarh, Tehri Garwal and Uttarkashi 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 23-08-2026 :

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

Assam & Meghalaya –

Assam- Karbi Analog, N.C Hills, Karimganj,

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

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

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

(Service to the nation since 1875)

Meghalaya- East Khasi Hills, Ri Bhoi, West Khasi Hills and Jaintia Hills districts.

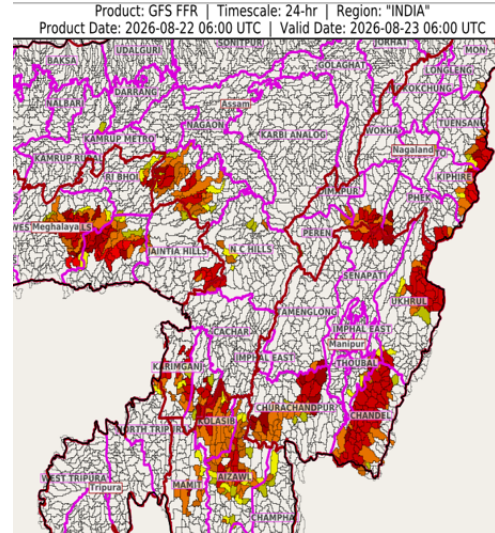
Nagaland Mizoram Manipur Tripura (NMMT) –

Manipur- Chandel, Churachandpur, Senapati, Tamenglong, Thoubal, Ukhrul,

Mizoram- Aizawl, Champhai, Kolasib, Mamit,

Nagaland- Kiphire, Kohima, Peren and Tuensang 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.



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

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

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

(Service to the nation since 1875)



Table-1

7 Days Rainfall Forecast

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

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

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

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

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

(Service to the nation since 1875)

Fig. 1: Maximum Temperatures Dated 2026-08-21

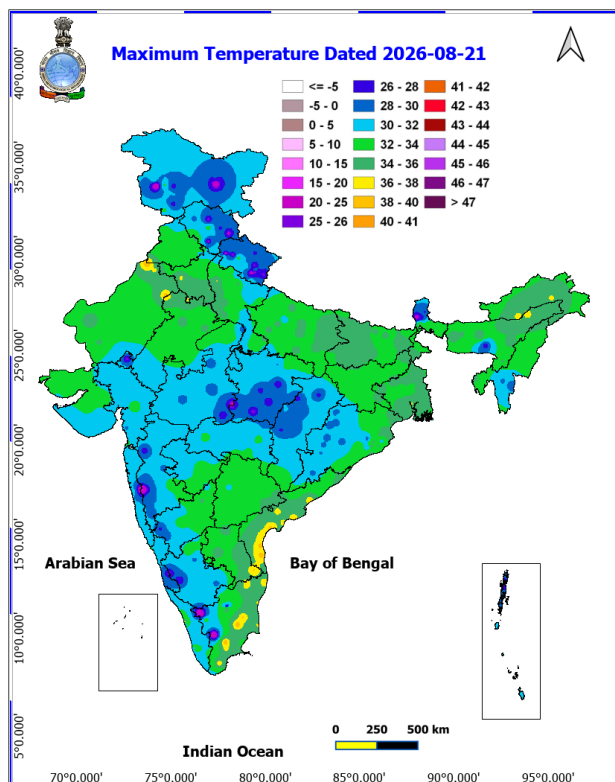


Fig. 2: Departure of Maximum Temp. Dated 2026-08-21

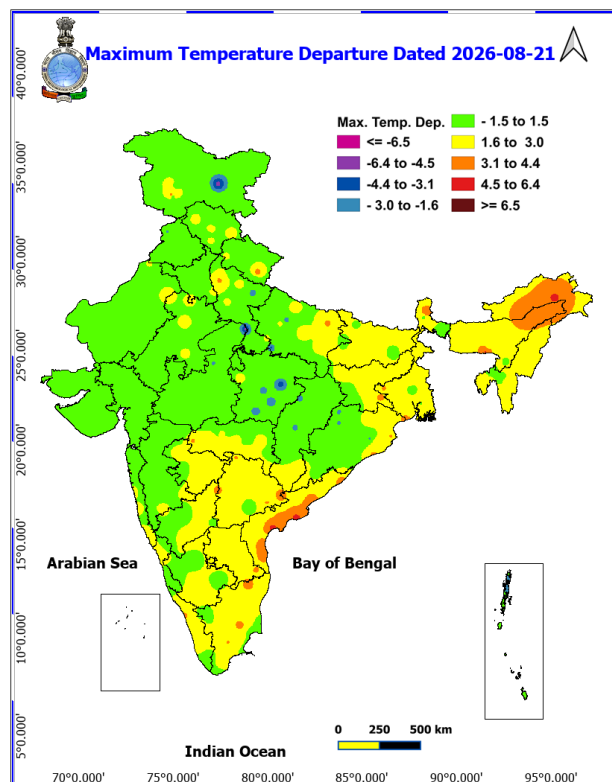


Fig. 3: Minimum Temperatures Dated 2026-08-22

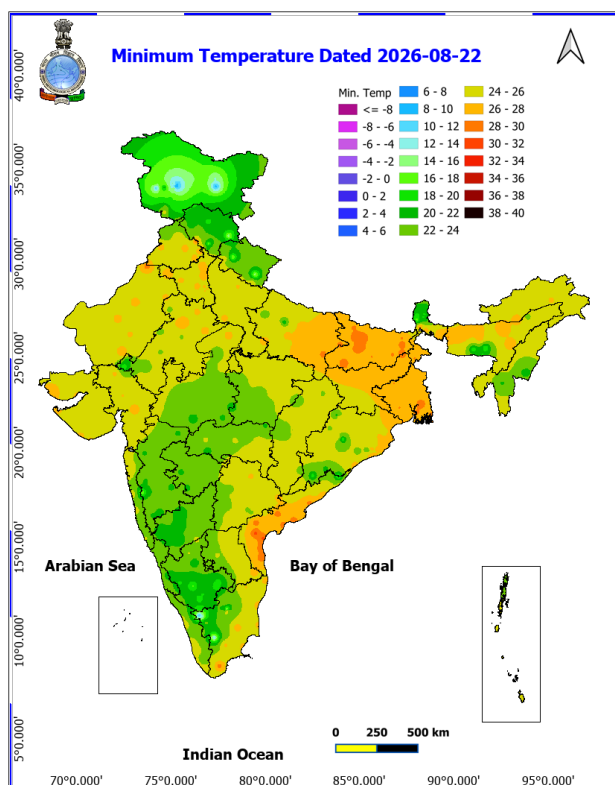
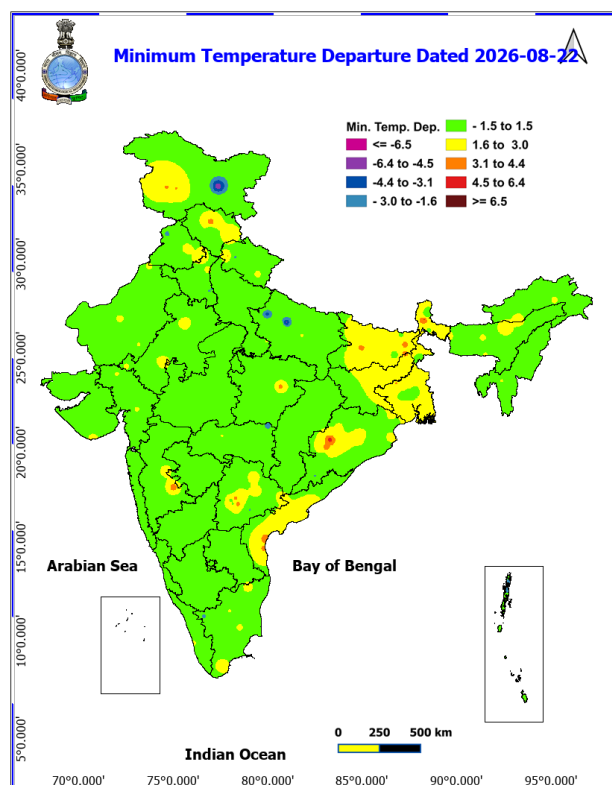
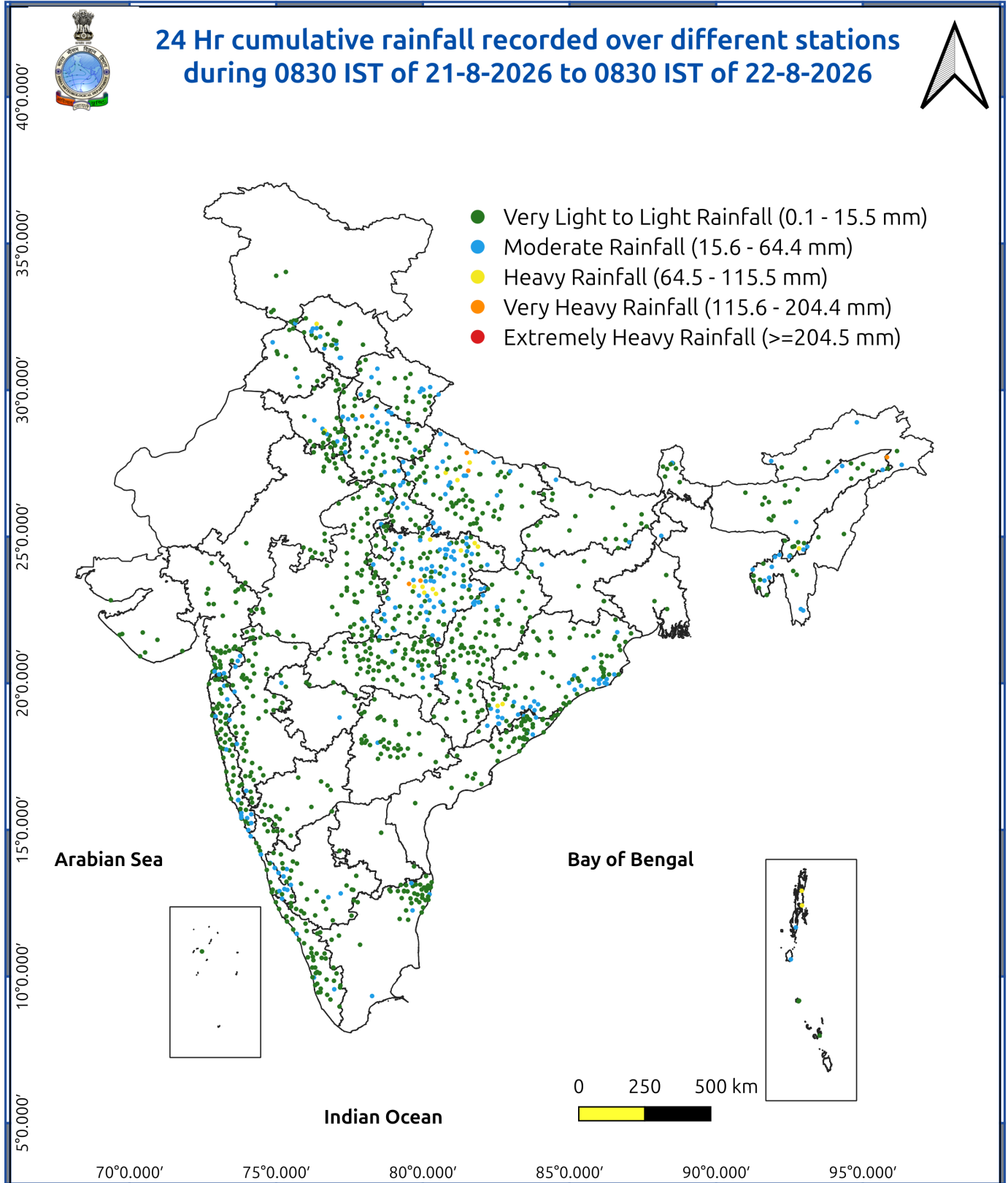


Fig. 4: Departure of Minimum Temp. Dated 2026-08-22





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

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

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

(Service to the nation since 1875)

Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- **Isolated very heavy rainfall** likely over East Uttar Pradesh and East Madhya Pradesh on 22nd; Chhattisgarh on 22nd & 23rd; Odisha during 22nd -28th August.
- **Moderate to severe lightning** activity over Bihar on 22nd & 23rd 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 **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 **Jammu & Kashmir**, prevent water stagnation in pulses and vegetable fields and provide proper support to cucurbit plants. Ensure effective drainage in maize fields and promptly remove excess rainwater from low-lying areas.
- 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 and sponge melon wherever field conditions permit and keep harvested produce in a safe place.
- In **Uttarakhand**, maintain proper and effective drainage in rice, soybean, maize, red gram, ginger, garlic,

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

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

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

(Service to the nation since 1875)

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 **Punjab** and **Haryana**, maintain proper drainage in standing crop fields and promptly remove excess rainwater from low-lying areas.
- In **Uttar Pradesh**, drain out excess water from paddy, pigeon pea, pulses, oilseeds and vegetable fields, particularly from low-lying areas. Continue nursery raising of brinjal, chilli and early cauliflower and sowing of cucurbits and okra only where field conditions permit.
- In **Odisha**, make necessary arrangements to drain out excess 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 **Madhya Pradesh**, ensure proper drainage of excess water from soybean, maize, cotton, sugarcane, paddy and vegetable fields and keep field channels clear. 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 **Chhattisgarh**, maintain effective drainage from rice, maize, groundnut, minor millets and pulses fields.
- In **Vidarbha**, drain out excess water from already sown soybean, cotton, pigeon pea, sorghum, maize, rice and vegetable nurseries and orchards.
- In **Coastal and South Interior Karnataka**, keep field drainage channels clear and 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.
- In the regions expecting heavy rainfall, including **Coastal Andhra Pradesh and Telangana** withhold irrigation in standing crops, make necessary arrangements to remove excess rain water from the crop 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.

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 & abbreviations:

Region wise classification of meteorological Sub-Divisions:

Northwest India: Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.

Central India: West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.

East India: Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.

Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

West India: Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.

South India: Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior

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

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

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

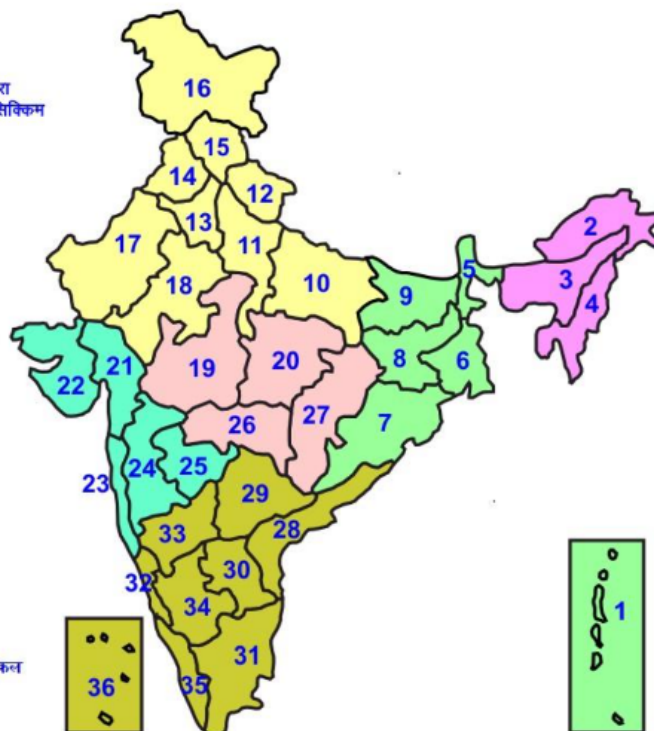
(Service to the nation since 1875)



Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा 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

Thunderstorm & Lightning

Strong surface winds

Cold Wave

Hot & Humid

Very Heavy Rain

Hailstorm

Heat Wave

Cold Day

Extremely Heavy Rain

Dust Storm

Hot Day

Ground Frost

Heavy Snow

Dust Raising Winds

Warm Night

FOG Fog

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

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

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

(Service to the nation since 1875)

LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

Heat Wave: Maximum Temperature Departure from normal 4.5°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

(Service to the nation since 1875)