

2026-08-10

Time of Issue: 16:39:00 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 Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 10th-16th August.
- **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 10th-11th August and on 13th August; East Uttar Pradesh on 14th August; East Rajasthan during 10th-12th August.
- **Isolated to Scattered** rainfall likely over rest parts northwest India.
- Isolated **thunderstorm & lightning** likely over Uttarakhand during 10th-16th August; East Uttar Pradesh and West Rajasthan on 10th August; East Rajasthan during 13th-14th August.
- Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 10th-16th August; Himachal Pradesh during 12th-16th August; Uttarakhand during 11th-16th August; Haryana Chandigarh & Delhi and Punjab during 10th-11th August and on 13th August; West Uttar Pradesh on 10th August and during 14th-15th August; East Uttar Pradesh during 13th-15th August; West Rajasthan during 11th-12th August; East Rajasthan on 12th August with isolated **very heavy rainfall** also likely over East Rajasthan on 11th August and Himachal Pradesh during 10th-11th August; Uttarakhand on 10th August.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over East Rajasthan on 10th August.**

Central India:

- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 10th-12th August; East Madhya Pradesh during 10th-16th August; Vidarbha during 13th-14th August; Chhattisgarh on 10th August and during 13th-16th August.
- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 13th-16th August; Vidarbha during 10th-12th August and during 15th-16th August; Chhattisgarh during 11th-12th August.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh during 10th-14th August.
- Isolated **heavy rainfall** likely over West Madhya Pradesh during 10th-12th August; East Madhya Pradesh on 10th August and during 13th-15th August; Chhattisgarh on 10th August and during 12th-15th August.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over West Madhya Pradesh on 10th August.**

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha and Sub-Himalayan West Bengal & Sikkim during 10th-16th August; Jharkhand during 12th-16th August; Bihar during 13th-16th August.
- **Isolated to Scattered** rainfall likely over Jharkhand during 10th-11th August; Bihar during 10th-12th August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 10th-16th August; Jharkhand during 10th-14th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 10th-12th August; Gangetic West Bengal and Odisha during 10th-14th August; Bihar during 10th-16th August.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 12th, 14th-16th August; Gangetic West Bengal during 11th-14th August; Jharkhand during 13th-14th August; Bihar during 13th-16th August; Odisha during 10th-11th August and on 16th August with isolated **very heavy rainfall** also likely over Odisha during 12th-15th August.
- **Moderate to intense lightning activity over Bihar during 10th -12th and Jharkhand on 10th and 11th August.**

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Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh and Assam & Meghalaya during 10th-11th August.
- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh and Assam & Meghalaya during 12th-16th August; Nagaland, Manipur, Mizoram & Tripura during 10th-16th August.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 10th-14th August.
- Isolated **heavy rainfall** likely over Arunachal Pradesh during 11th-14th August; Assam & Meghalaya during 10th-14th August; Nagaland, Manipur, Mizoram & Tripura during 10th-16th August with isolated **very heavy rainfall** also likely over Arunachal Pradesh and Assam & Meghalaya during 15th-16th August.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 10th-16th August; Gujarat Region during 10th-13th August.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra, Marathwada and Saurashtra & Kutch during 10th-16th August; Gujarat Region during 14th-16th August.
- Isolated **thunderstorm & lightning** likely over Gujarat Region during 10th-12th August; Saurashtra & Kutch during 10th-11th August.
- Isolated **heavy rainfall** likely over Gujarat Region and Konkan & Goa on 11th August; Madhya Maharashtra during 10th-12th August with isolated **very heavy rainfall** also likely over Gujarat Region on 10th August.
- **Heavy to very heavy rainfall at few places with extremely heavy rainfall likely at isolated places over East Rajasthan on 10th August.**

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 10th-16th August.
- **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 10th-16th August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 10th-11th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 10th-14th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka, Kerala & Mahe, Lakshadweep, North Interior Karnataka and South Interior Karnataka during 10th-11th August; Telangana during 10th-12th August.
- Strong Surface Winds likely over Coastal Karnataka, Kerala & Mahe, Lakshadweep, North Interior Karnataka and South Interior Karnataka during 10th-11th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 10th-14th August; Telangana during 10th-12th 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 adjoining north & eastcentral Arabian Sea till 15th August;
- **Bay of Bengal:** Along and off West Bengal, Odisha coasts, most parts of northwest adjoining northeast Bay of Bengal during 11th to 15th August; off north Andhra Pradesh coasts, some parts of westcentral adjoining eastcentral Bay of Bengal during 13th to 15th August; over Andaman Sea till 15th August; few parts of southwest Bay of Bengal adjoining south Sri Lanka coasts and Comorin area till 15th 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, Uttarakhand, East Madhya Pradesh, Konkan & Goa, Coastal Karnataka, Kerala & Mahe and Lakshadweep; **at many places** over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Himachal Pradesh, West Madhya Pradesh and Chhattisgarh; **at a few places** over Arunachal Pradesh, Gangetic West Bengal, Jharkhand, Bihar, East Uttar Pradesh, West Rajasthan, East Rajasthan, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana and South Interior Karnataka; **at isolated places** over West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka;

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **West Madhya Pradesh:** Shyampur (dist Sehore) 21; Navibagh Aet (dist Bhopal) 20; Sarangpur (dist Rajgarh) 19; Bairagarh Airport (dist Bhopal), Sehore-aws (dist Sehore) 17 Each; Kolar (dist Bhopal) 16; Aron (dist Guna), Bhopal Arera Hills (dist Bhopal), Kalapipal (dist Shajapur) 15 Each; Sultanpur (dist Raisen), Pachore (dist Rajgarh) 14 Each; Begumganj (dist Raisen), Badi (dist Raisen) 13 Each; Narmadapuram (dist Narmadapuram), Raisen-aws (dist Raisen), Sohagpur (dist Narmadapuram), Gairatgang (dist Raisen), Itarsi (dist Narmadapuram), Rehti (dist Sehore) 12 Each; Rajgarh (dist Rajgarh), Lateri (dist Vidisha), Raghogarh (dist Guna) 11 Each; Budhni (dist Sehore), Dolariya (dist Narmadapuram), Pathari (dist Vidisha) 10 Each; Pachmarhi (dist Narmadapuram), Udaipura (dist Raisen), Shujalpur (dist Shajapur), Moman Badodiya (dist Shajapur) 9 Each; Guna-aws (dist Guna), Mungaoli (dist Ashoknagar), Ichhawar (dist Sehore), Nasrullahganj (dist Sehore), Seoni Malwa (dist Narmadapuram), Goharganj (dist Raisen), Zirapur (dist Rajgarh), Babai (makhan Nagar) (dist Narmadapuram), Kumbhraj (dist Guna) 8 Each; Kolaras (dist Shivpuri), Vidisha (dist Vidisha), Pipariya (dist Narmadapuram), Maksudangarh (dist Guna) 7 Each; Harda (dist Harda), Sabalgarh (dist Morena), Shahpur (dist Betul), Khaniyadana (dist Shivpuri), Gulana (dist Shajapur), Bankhedhi (dist Narmadapuram), Nateran (dist Vidisha) 6 Each; **East Madhya Pradesh:** Mohgaon (dist Mandla) 19; Sihora (dist Jabalpur) 16; Harrai (dist Chhindwara) 13; Niwas (dist Mandla) 12; Lakhnadon (dist Seoni), Pushprajgarh (dist Anuppur), Amanganj (dist Panna) 10 Each; Bina (dist Sagar) 9; Narsinghpur-aws (dist Narsinghpur), Patharia (dist Damoh), Tamia (dist Chhindwara), Rahatgarh (dist Sagar) 8 Each; Dindori-aws (dist Dindori), Batiyagarh (dist Damoh), Patera (dist Damoh) 7 Each; Dhanora (dist Seoni), Junnardeo (dist Chhindwara) 6 Each; **West Uttar Pradesh:** Mahroni (dist Lalitpur) 11; Lalitpur (dist Lalitpur) 9; Kalanaur (dist Saharanpur) 8; Madawara (dist Lalitpur) 7; **Uttarakhand:** Didihat (dist Pithoragarh) 9; Dehra Dun (dist Dehradun), Berinag (dist Pithoragarh), Dharchula (dist Pithoragarh) 6 Each; **Odisha:** Belaguntha (dist Ganjam), Patrapur (dist Ganjam), Chilika (dist Khurda) 8 Each; Banpur (dist Khurda) 7; Athgarh (dist Cuttack), Madhabarida (dist Ganjam), Dharakote (dist Ganjam), Buguda (dist Ganjam) 6 Each; **Haryana-Chandigarh-Delhi:** Jagadhari (dist Yamuna Nagar) 8; Partapnagar REV (dist Yamuna Nagar) 7; Tajewala (dist Yamuna Nagar) 6; **East Rajasthan:** Manohar Thana (dist Jhalawar), Neemkathana SR (dist Sikar) 8 Each; **Jharkhand:** Torpa (dist Khunti) 8; **Arunachal Pradesh:** Deomali AWS (dist Tirap) 7; **Bihar:** Srinagar (dist Purnea) 6; **Himachal Pradesh:** Dharmsala (dist Kangra) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Extremely heavy rain** at isolated places over West Madhya Pradesh. **Heavy to very heavy rain** at isolated places over West Madhya Pradesh and East Madhya Pradesh. **Heavy rain** at isolated places over Arunachal Pradesh, Odisha, Jharkhand, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi and East Rajasthan.

❖ **Minimum Temperature Departures (as on 10-08-2026):** **markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Bihar, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim and East Madhya Pradesh; at isolated places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, East 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 Punjab and Coastal Andhra Pradesh & Yanam; at few places over Arunachal Pradesh, West Uttar Pradesh, Himachal Pradesh, East Rajasthan and Rayalaseema; at isolated places over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Bihar, East Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Vidarbha and Tamil Nadu, Puducherry &

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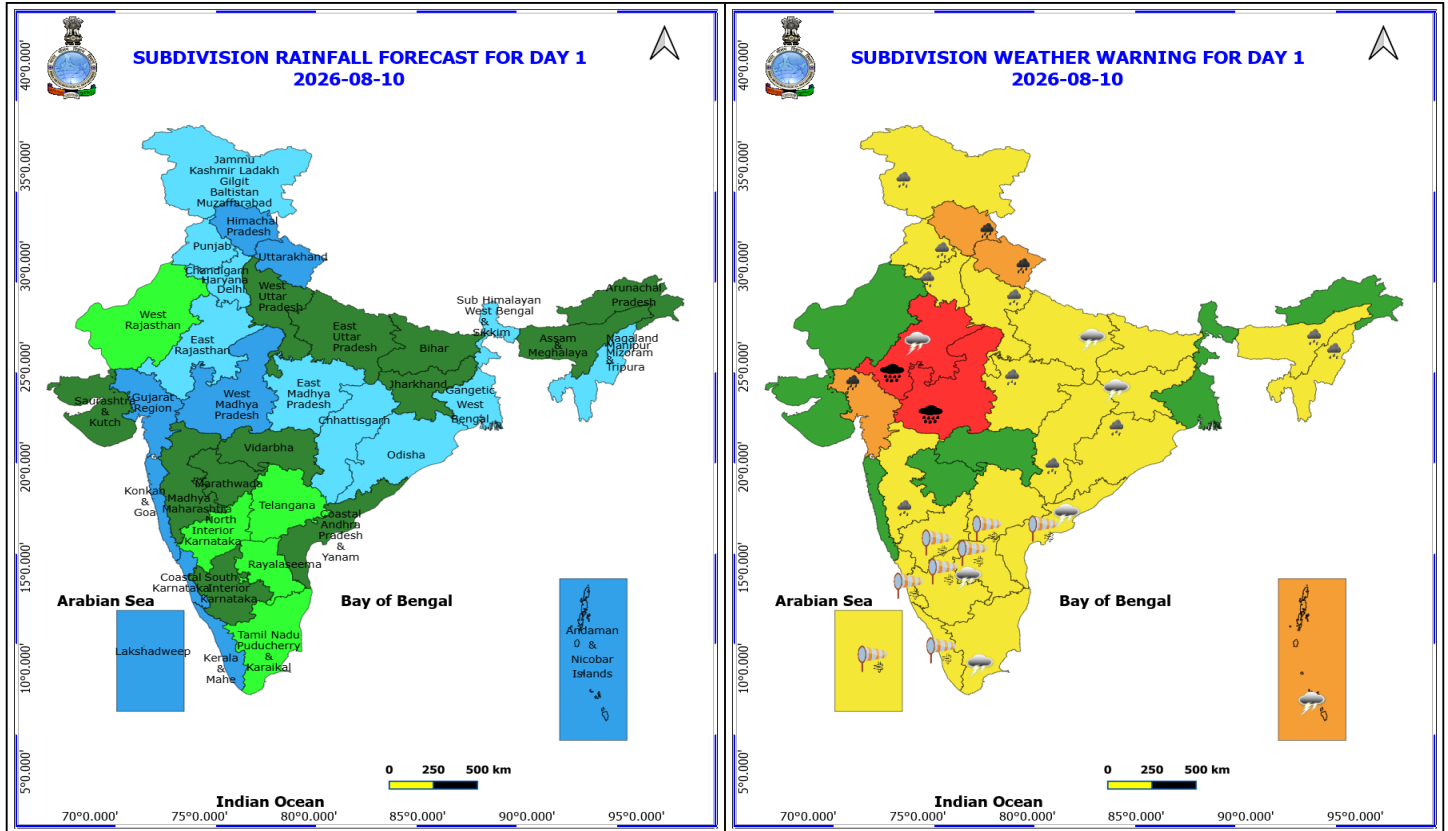
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Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Bihar, East Uttar Pradesh, Uttarakhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Gujarat Region, Saurashtra & Kutch, Vidarbha and Rayalaseema; at most places over Andaman & Nicobar Islands, Jharkhand, Haryana-Chandigarh-Delhi, West Rajasthan, Konkan & Goa, Madhya Maharashtra, Marathwada, Chhattisgarh, Telangana, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Arunachal Pradesh, West Uttar Pradesh, Punjab, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh and Coastal Andhra Pradesh & Yanam. **The lowest minimum temperature** of 18.4°C was reported at YEOTMAL (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 09-08-2026): markedly above normal(> 5.1°C)** at most places over Arunachal Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya and Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Odisha, Haryana-Chandigarh-Delhi and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Punjab; at few places over Sub Himalayan West Bengal & Sikkim, Uttarakhand and Coastal Andhra Pradesh & Yanam; at isolated places over Nagaland, Manipur, Mizoram & Tripura and Saurashtra & Kutch. **near normal(-1.5°C to 1.5°C)** at many places over West Uttar Pradesh; at most places over Konkan & Goa; at few places over Gangetic West Bengal, West Rajasthan and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Bihar and East Uttar Pradesh. **The highest maximum temperature** of 40.2°C was reported at MADURAI (A) (TAMIL NADU).

Meteorological Analysis (Based on 1430 hours IST)

- The **Low Pressure Area** over north Madhya Pradesh & neighbourhood persisted over the same region at 1430 hrs IST of today, 10th August, 2026. However, The associated cyclonic circulation extends upto 5.8 km above mean sea level tilting southwards with height.
- The **Monsoon trough** at mean sea level continues to pass through Bikaner, Datia, centre of Low **Pressure Area** over north Madhya Pradesh & neighbourhood, Daltonganj, Digha and thence southeastwards into the Eastcentral Bay of Bengal and extends upto 1.5 km above mean sea level.
- The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 66°E to the north of Lat. 30°N persists.
- The **upper air cyclonic circulation** over northwest Bay of Bengal & neighbourhood extending upto 7.6 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 around 12th August, 2026.
- The **upper air cyclonic circulation** over southeast Himachal Pradesh & neighbourhood at 1.5 km above mean sea level persists.
- The **Shear Zone** roughly along Lat. 22°N across central & adjoining north Peninsular India between 3.1 & 7.6 km above mean sea level tilting southwards with height persists.



10 August (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over East Rajasthan and West Madhya Pradesh.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Gujarat Region, Himachal Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab and West Uttar Pradesh.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, East Rajasthan, East Uttar Pradesh, Jharkhand and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Kerala & Mahe, Lakshadweep, Madhya Pradesh, Odisha, Telangana, West Bengal & Sikkim, West Rajasthan and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Karnataka, Kerala & Mahe, Lakshadweep and Telangana.

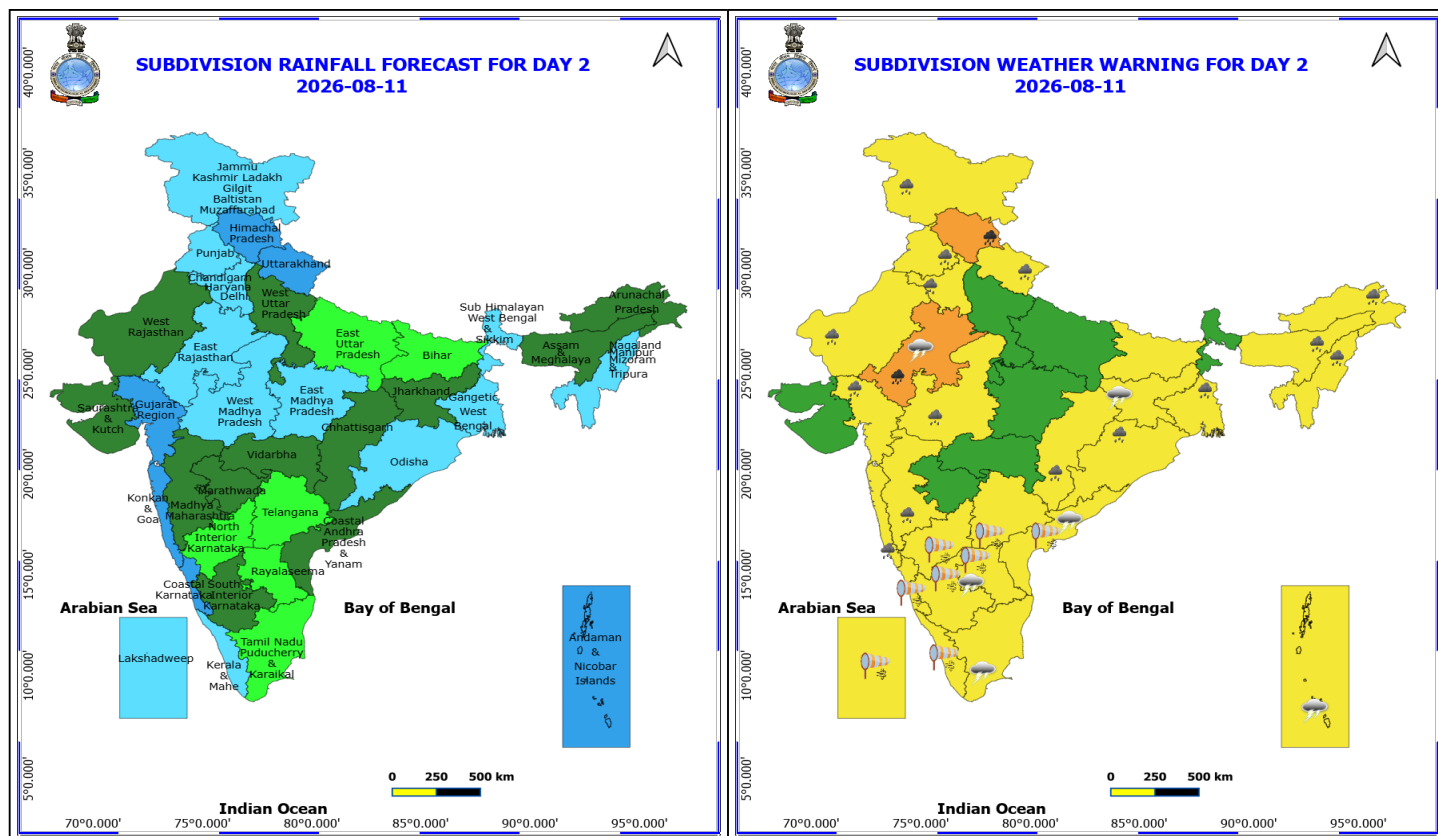
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- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian sea adjoining north & eastcentral Arabian Sea
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Andaman Sea.



11 August (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over East Rajasthan and Himachal Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gangetic West Bengal, Gujarat Region, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Konkani & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Uttarakhand, West Madhya Pradesh and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh, East Rajasthan, Jharkhand and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Kerala & Mahe, Lakshadweep, Madhya Pradesh, Odisha, Telangana, West Bengal & Sikkim and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Karnataka, Kerala & Mahe, Lakshadweep and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian sea adjoining north & 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 southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.

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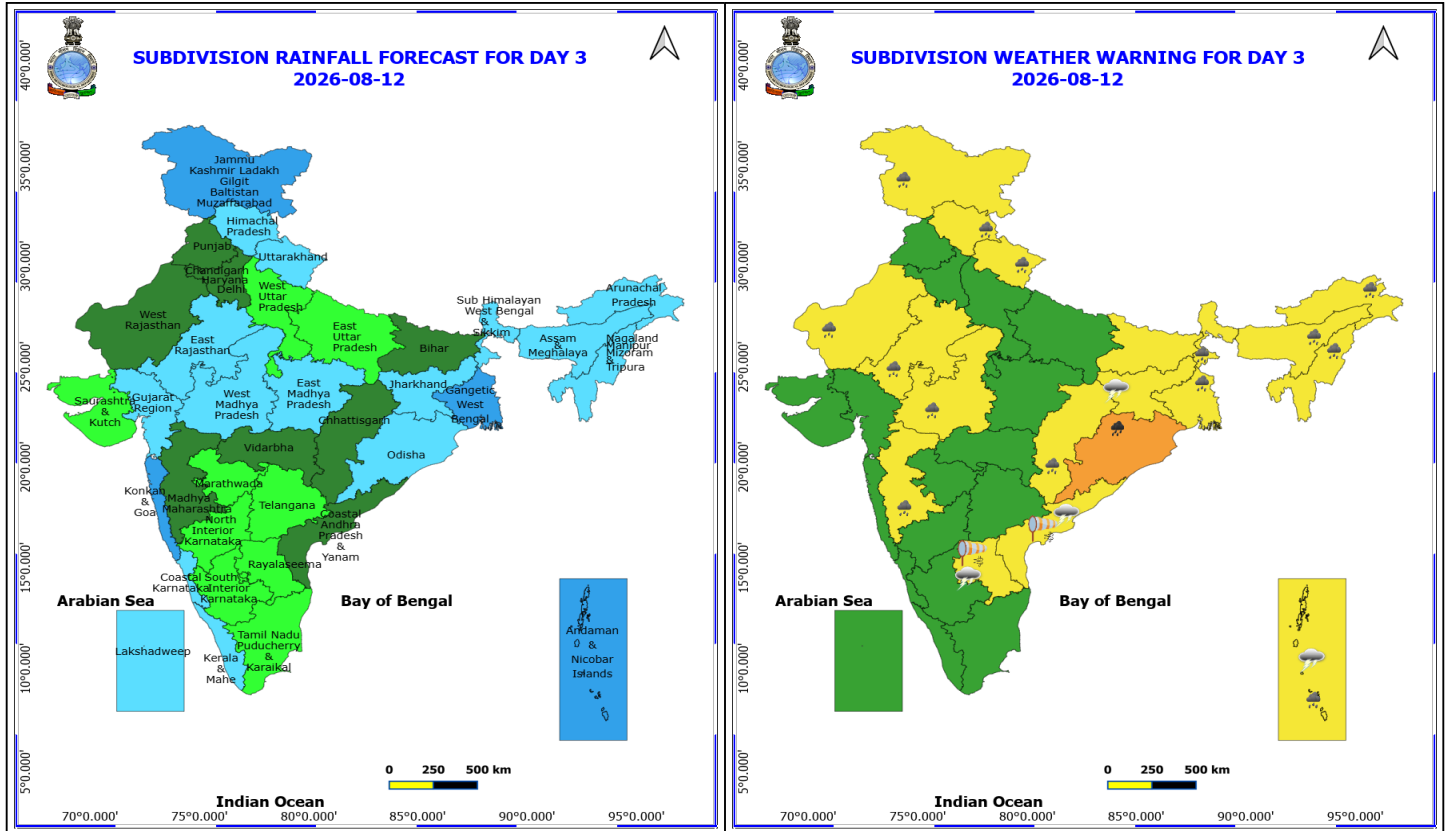
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❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal, Odisha coasts, over most parts of northwest adjoining northeast Bay of Bengal over Andaman Sea.



12 August (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Uttarakhand, West Bengal & Sikkim and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Odisha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat Region, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very 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 and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian sea adjoining north & 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 southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.

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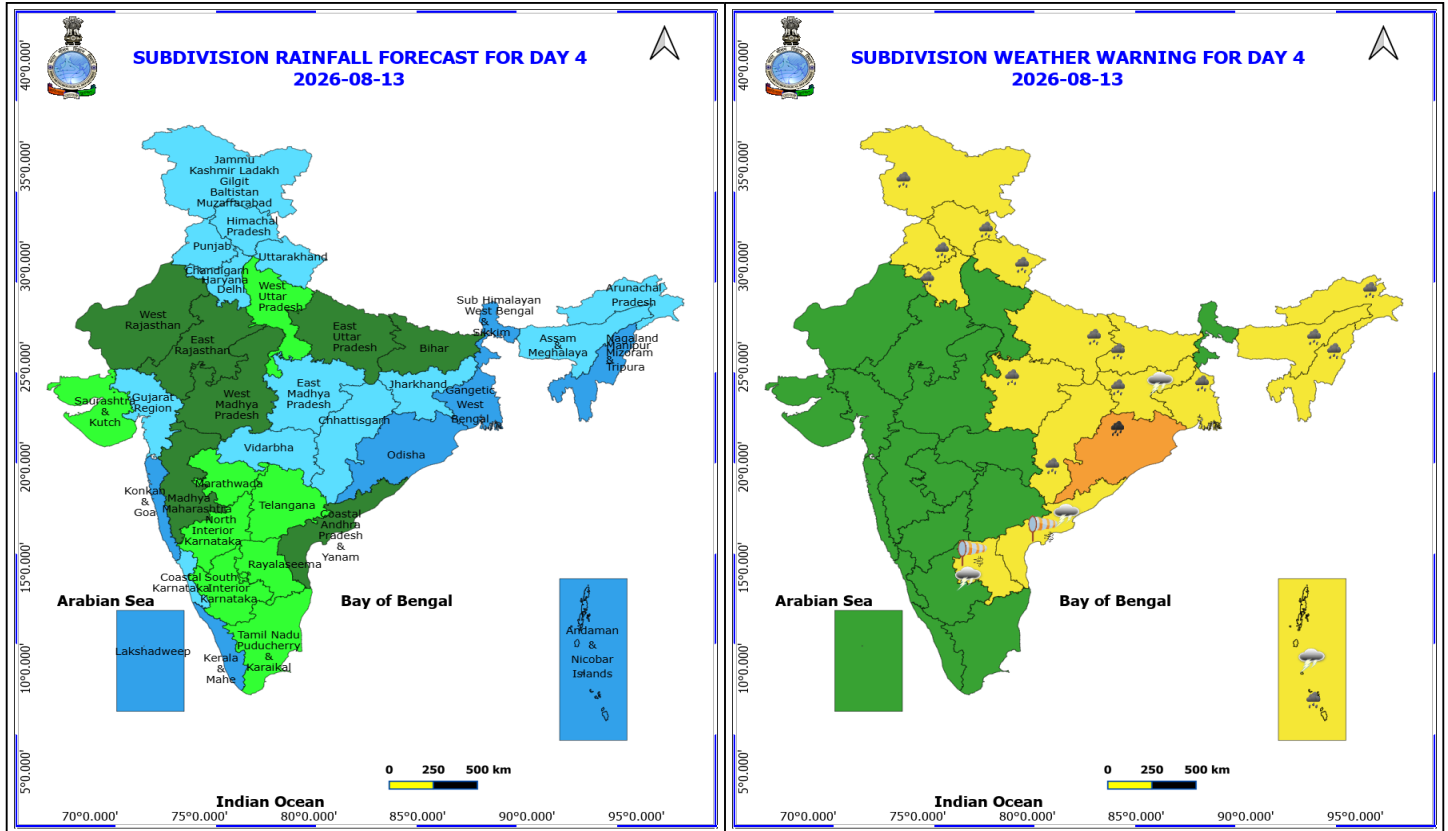
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❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal, Odisha coasts, over most parts of northwest adjoining northeast & central Bay of Bengal, over Andaman Sea.



13 August (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Punjab and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Odisha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, 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 and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian sea adjoining north & 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 southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West

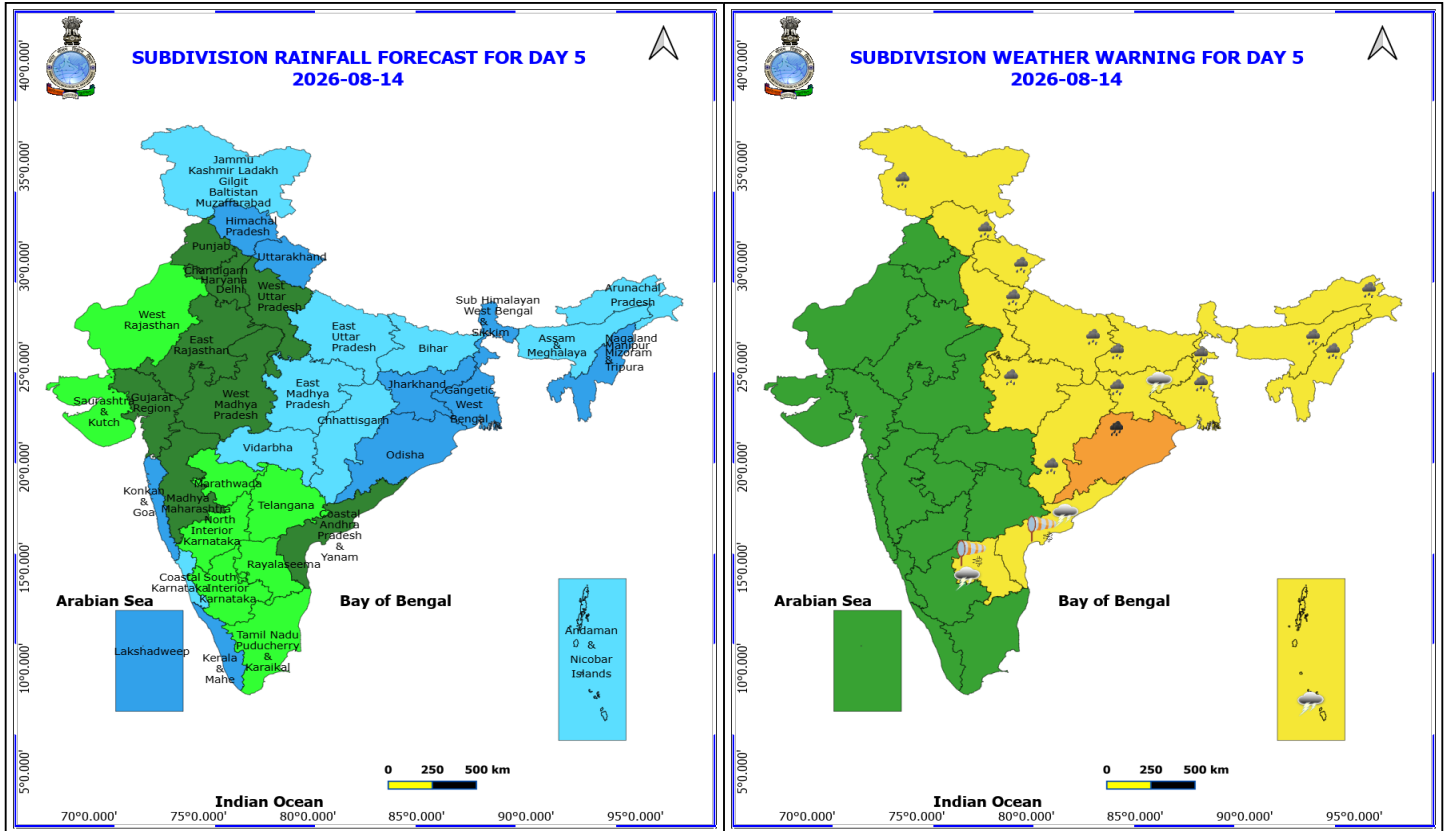
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Bengal, Odisha coasts, over most parts of northwest adjoining northeast Bay of Bengal, off north Andhra Pradesh coasts adjoining some parts of central Bay of Bengal, over Andaman Sea.



14 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, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Andhra Pradesh and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh and Odisha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, 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 and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian sea adjoining north & 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 southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal, Odisha coasts, over most parts of northwest adjoining northeast Bay of Bengal, off north Andhra Pradesh

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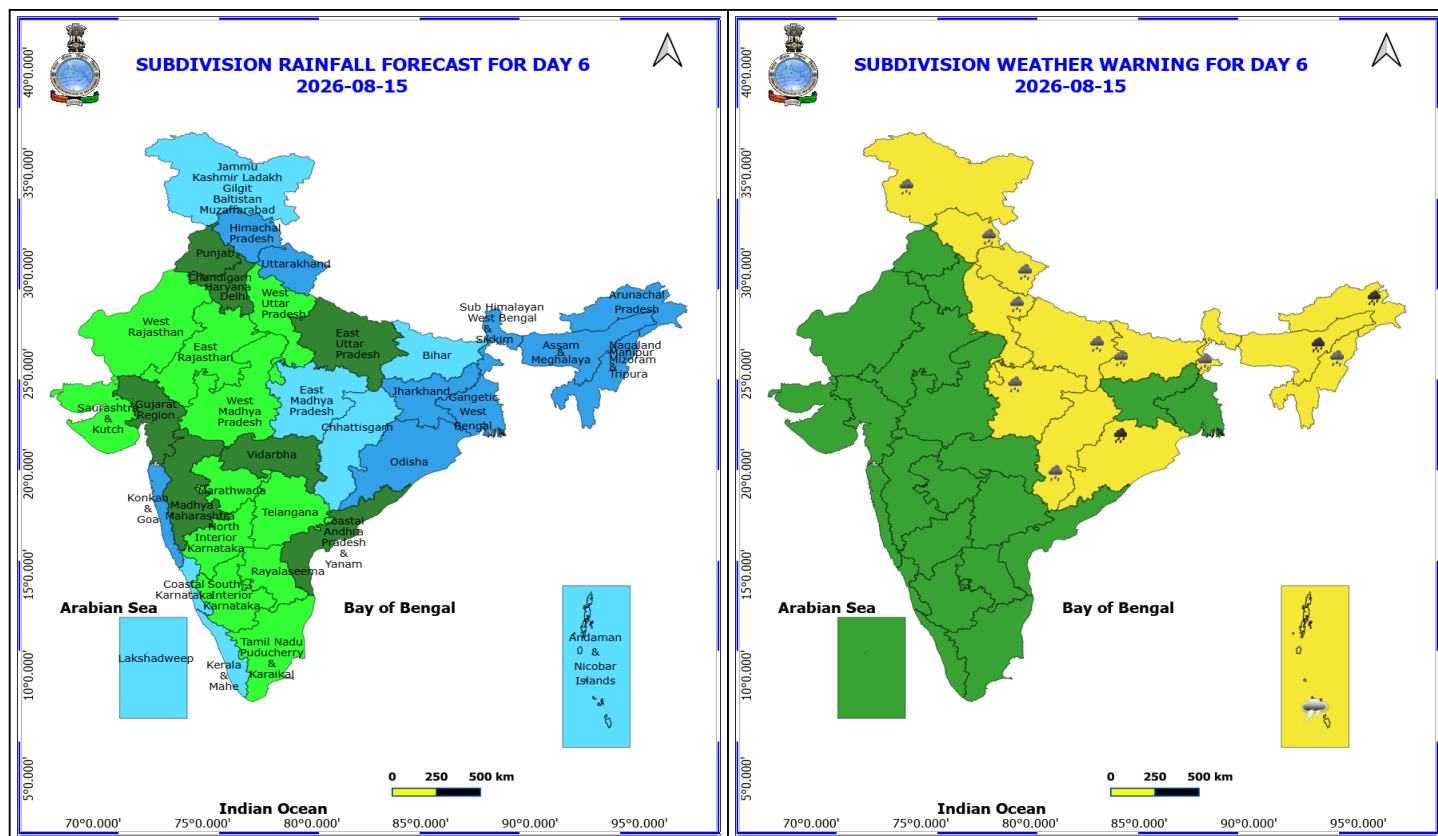
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coasts adjoining some parts of central Bay of Bengal, over Andaman Sea.



15 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, East Madhya Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh 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 and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

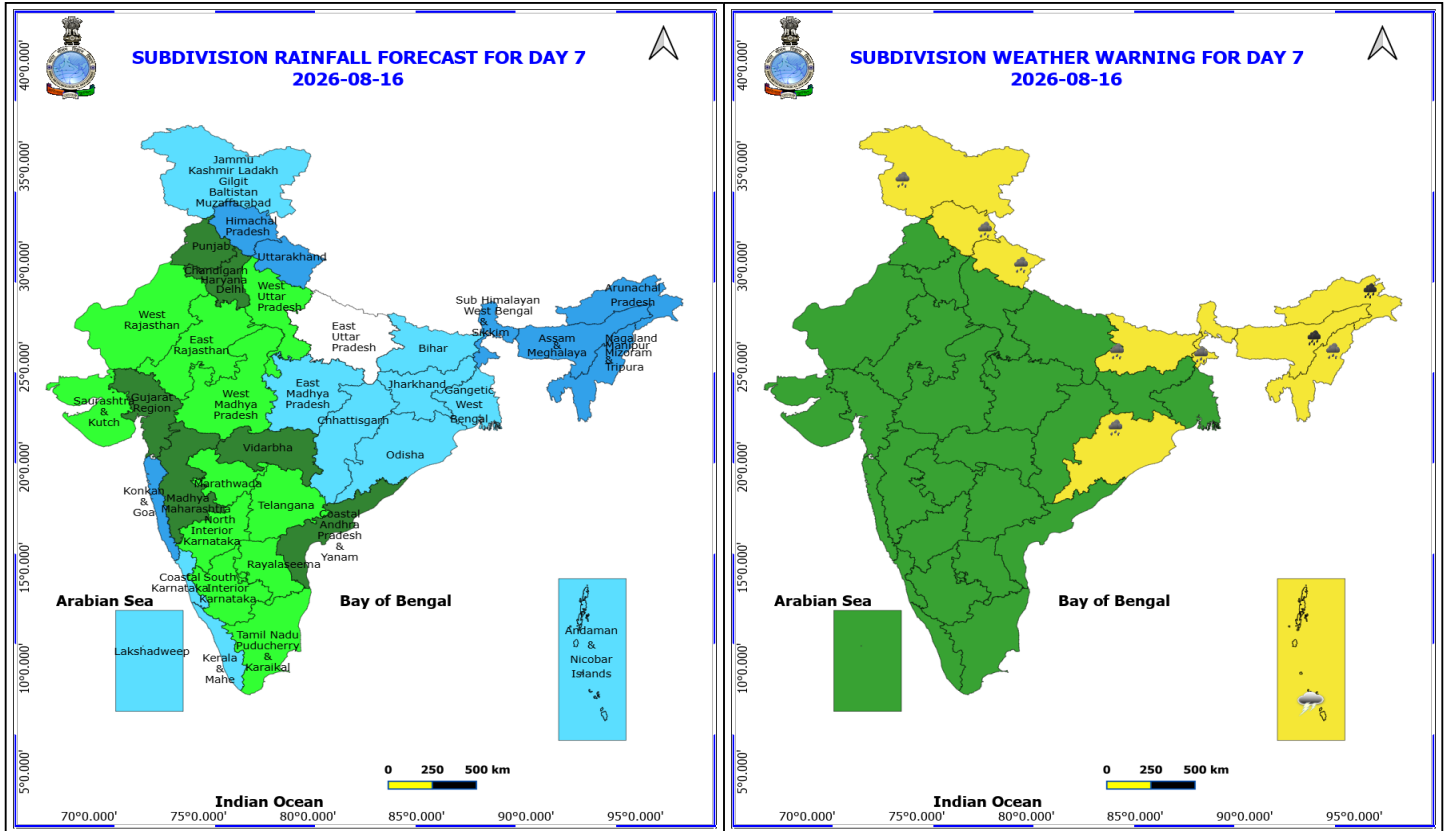
No Fishermen Warning

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16 August (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim 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 and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **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 11-08-2026 :

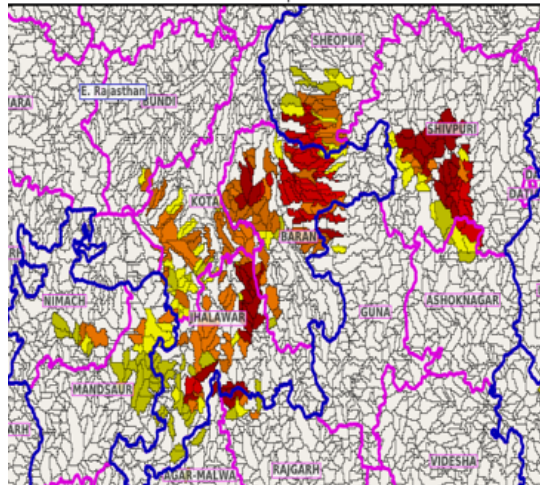
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

East Rajasthan - Baran, Bundi, Jhalawar and Kota districts.

West Madhya Pradesh - Agar-Malwa, Mandsaur, Nimach, Rajgarh, Sheopur and Shivpuri 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.

Product: GFS FFR | Timescale: 24-hr | Region: "INDIA"
Product Date: 2026-08-10 06:00 UTC | Valid Date: 2026-08-11 06:00 UTC



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 11-08-2026 :

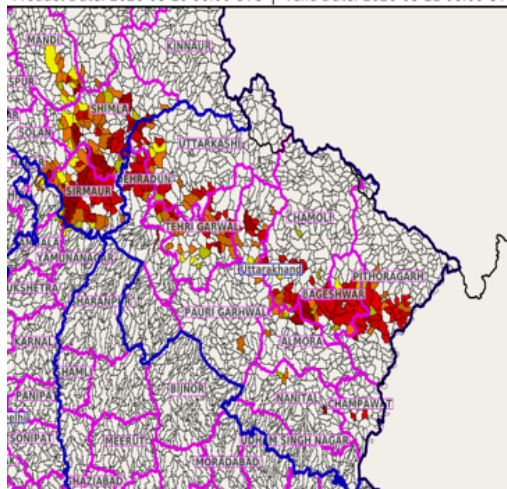
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Himachal Pradesh - Mandi, Shimla, Sirmaur and Solan districts.

Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, 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.

Product: WRF FFR | Timescale: 24-hr | Region: "INDIA"
Product Date: 2026-08-10 06:00 UTC | Valid Date: 2026-08-11 06:00 UTC



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Table-1

7 Days Rainfall Forecast

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

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Fig. 1: Maximum Temperatures Dated 2026-08-09

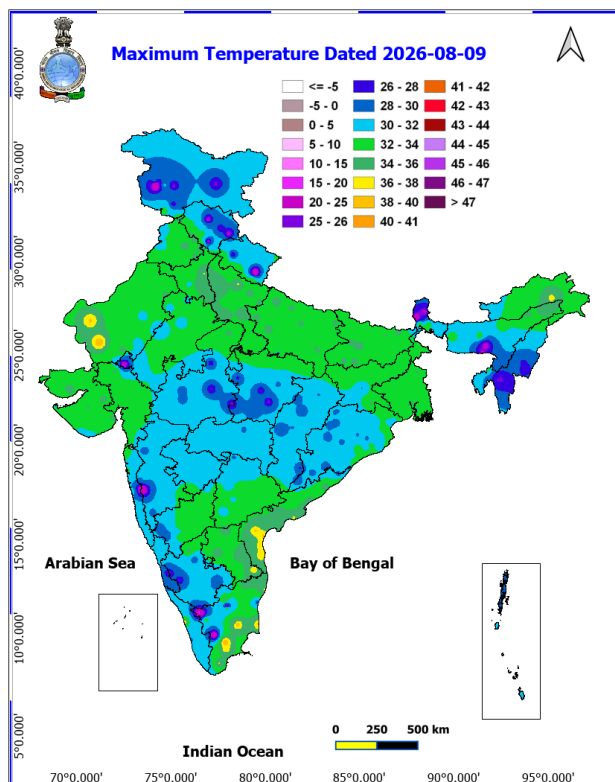


Fig. 2: Departure of Maximum Temp. Dated 2026-08-09

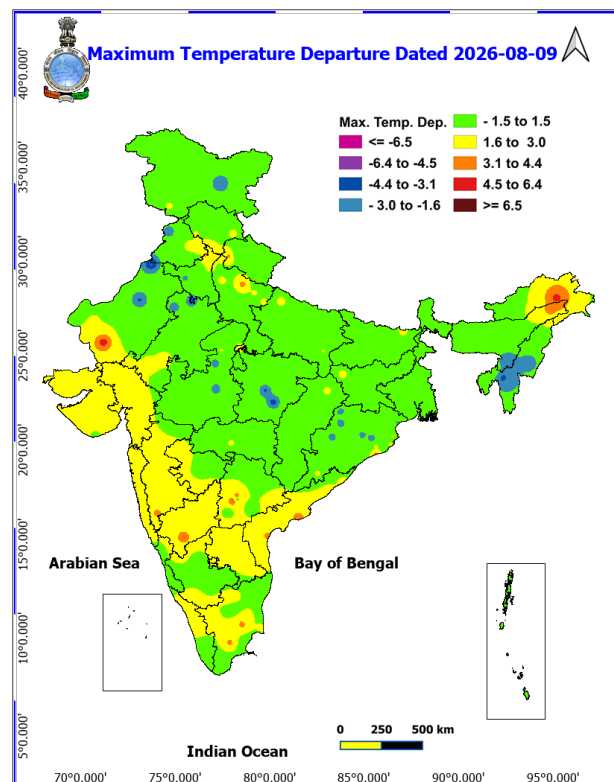


Fig. 3: Minimum Temperatures Dated 2026-08-10

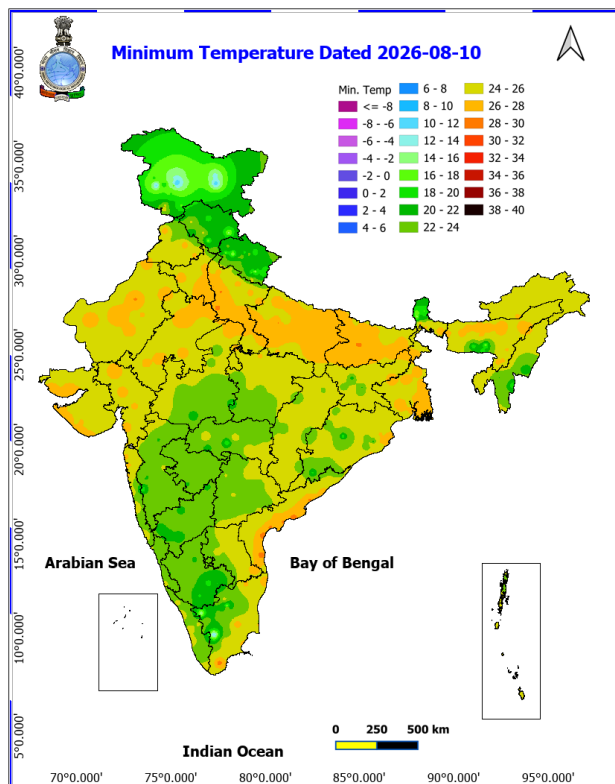
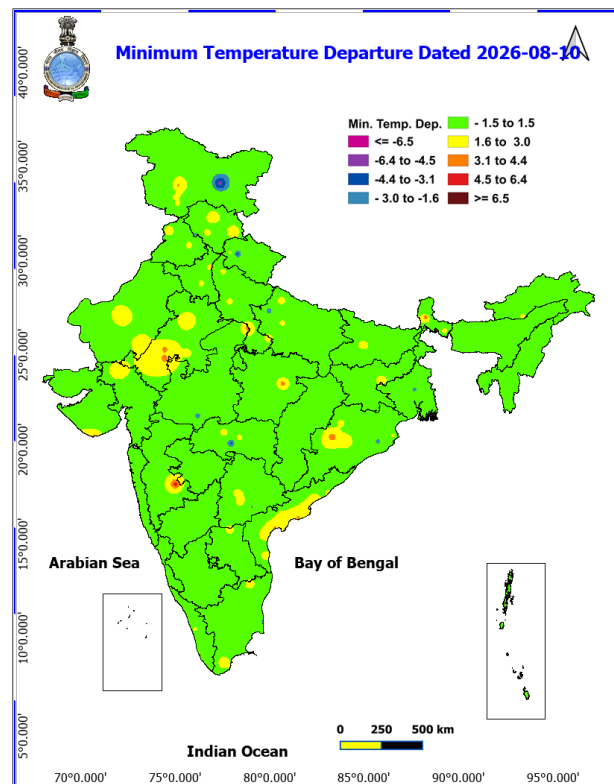
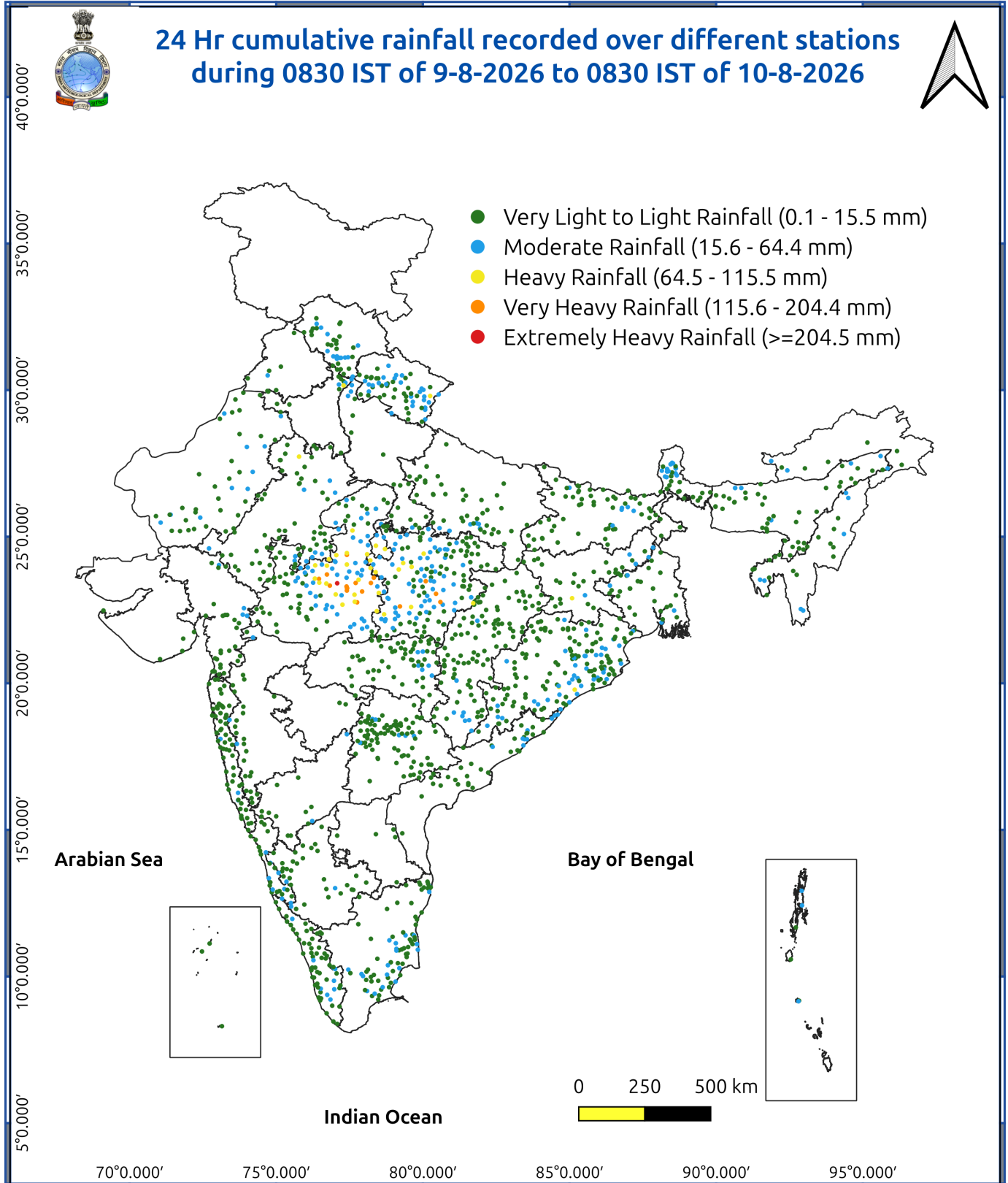


Fig. 4: Departure of Minimum Temp. Dated 2026-08-10





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Impact and Actions

Impact & suggested due to Extremely and heavy to very heavy rainfall over

- **Heavy to very heavy rainfall** at few places with extremely heavy rainfall likely at isolated places over West Madhya Pradesh and East Rajasthan on 10th 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**, ensure proper drainage in rice, maize, soybean and finger millet fields, orchards and low-lying areas to prevent prolonged waterlogging. Secure vines firmly to bamboo stakes or trellises to prevent lodging.
- In **Assam**, keep field drainage channels clear and maintain proper drainage in rice nurseries, jute, sugarcane, soybean, pigeon pea, sesame and vegetable fields to prevent prolonged waterlogging.
- In **Meghalaya**, ensure proper drainage from rice nurseries and fields of maize, cowpea, okra and ginger to prevent prolonged waterlogging. Open drainage channels immediately and provide propping/support to banana and other heavily laden crops.
- In **Nagaland, Manipur, Mizoram and Tripura**, ensure proper drainage from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging. Provide bamboo staking/support to banana and other vulnerable crops and avoid prolonged water stagnation in rice and groundnut fields.
- In **Jammu and Kashmir**, undertake harvesting of mature cobs of early-sown maize crop. Maintain proper drainage in fields of maize, green gram, black gram and vegetables to prevent waterlogging. Postpone irrigation in transplanted rice.
- In **Uttarakhand**, maintain effective drainage in rice, sugarcane, black gram, green gram, soybean, maize, groundnut, sesame, barnyard millet, finger millet, tomato and chilli fields to prevent prolonged waterlogging. Harvest mature tomato, French bean and potato wherever field conditions permit.
- In **Himachal Pradesh**, carry out harvesting of pea pods and vegetables (tomato, capsicum, brinjal, etc.) wherever possible and keep harvested produce in a safe place. Maintain proper drainage in rice, maize, finger

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millet, tomato, brinjal, capsicum, chilli and cucumber fields and apple and pear orchards for quick removal of excess rainwater.

- In **Punjab**, keep proper drainage in the sugarcane field to avoid water stagnation. After heavy rains if water stagnates in the maize fields, drain out the excessive water to keep the plants free from bacterial stalk rot.
- In **Haryana**, ensure proper field drainage in standing crop fields to prevent waterlogging and promptly remove excess rainwater from crop fields and orchards.
- In **West Uttar Pradesh**, maintain proper drainage to remove excess rainwater from pigeon pea, maize, groundnut, sesame, rice, vegetable and other standing crop fields, particularly from low-lying areas prone to waterlogging.
- In **Rajasthan**, make necessary arrangements for drainage from the fields of already sown pearl millet, green gram, sesame, moth bean, cluster bean, other standing crops and vegetables.
- In **Odisha**, maintain effective drainage in rice nurseries and fields of *kharif* crops such as maize, pulses (green gram, black gram, pigeon pea), oilseeds (groundnut, sesame), cotton, vegetables and fruit orchards to prevent waterlogging. Provide staking/support to banana, papaya, sugarcane, tomato and climbing vegetable.
- In **Gangetic West Bengal**, maintain proper drainage in rice nurseries and fields of rice, ginger, tomato, chilli, Dalley Khorsani, finger millet and fruit orchards to prevent waterlogging. Strengthen terrace bunds in transplanted rice fields.
- In **Konkan**, ensure proper drainage in turmeric, groundnut, transplanted rice and finger millet, porso millet, vegetable fields and orchards. Remove excess rainwater from low-lying areas to prevent prolonged waterlogging.
- In *ghat* areas of **Madhya Maharashtra**, drain out excess water from rice nurseries and *Kharif* crops like maize, cotton, pigeon pea, groundnut, green gram and black gram.
- In **Gujarat**, Carry out gap filling in early-sown *kharif* crops and maintain proper drainage to prevent temporary water stagnation. Undertake interculturing, weeding and fertilizer application in rice, sugarcane and vegetable crops after drainage of excess rainwater under favourable field conditions.
- In **Madhya Pradesh**, ensure quick drainage of excess rainwater from crop fields by providing drainage channels at suitable intervals ensure proper drainage in all crop fields to avoid waterlogging.
- In **Chhattisgarh**, Maintain proper drainage in nurseries and low-lying fields to avoid temporary water stagnation.

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

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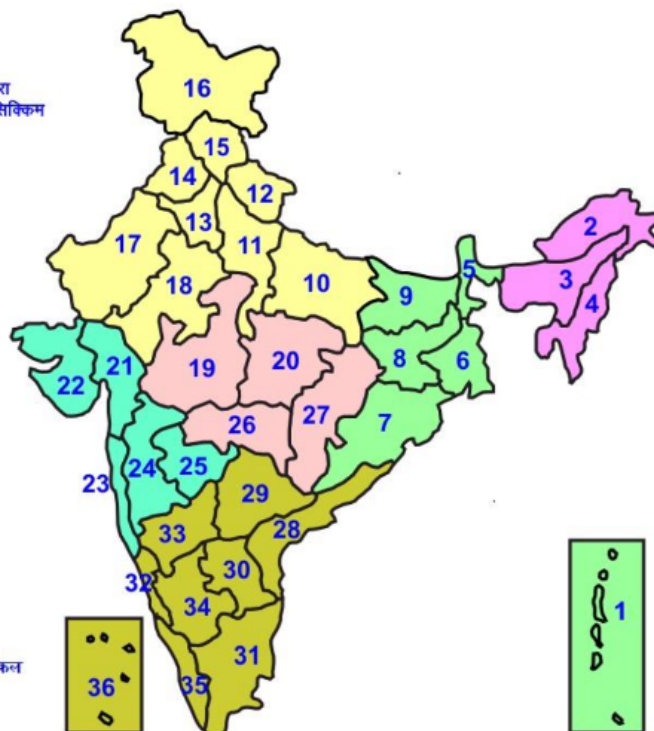


and Marathawada.

- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior 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 कोकण 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. Marathawada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)

Subdivision Colour

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

Probabilistic Forecast

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

-  Heavy Rain

 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

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .
Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.
Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$



When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°C .
Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$.



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C .
Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$
Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$



When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions
Based on departure

Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C .
Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$



Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres
Dense Fog: when the visibility between 50-200 metres
Very Dense Fog: when the visibility < 50 metres



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground

Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)



A strong wind that rises suddenly, lasts for atleast 1 minute.

Moderate: Wind speed 52-61 kmph
Severe: Wind speed 62-87 kmph
Very Severe: Wind speed > 87 kmph



Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre
High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre
Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)

Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64-89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90-119 knots)

Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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

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

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

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