

2026-08-25

Time of Issue: 16:29:00 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 Uttarakhand during 25th-31st August.
- **Fairly Widespread to Widespread** rainfall likely over West Uttar Pradesh on 25th August; East Uttar Pradesh during 25th-27th August.
- **Isolated to Scattered** rainfall likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 25th-31st August.
- **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- **Isolated thunderstorm & lightning** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 28th-31st August; Uttarakhand during 25th-31st August; East Rajasthan on 27th August.
- Isolated **heavy rainfall** likely over Uttarakhand during 25th-26th August and during 30th-31st August; East Rajasthan and West Uttar Pradesh during 25th-26th August; East Uttar Pradesh during 26th-27th August with isolated **very heavy rainfall** also likely over East Uttar Pradesh on 25th August.

Central India:

- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 25th-26th August; East Madhya Pradesh during 25th-29th August; Vidarbha during 25th-28th August; Chhattisgarh during 25th-31st August.
- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 27th-31st August; East Madhya Pradesh during 30th-31st August; Vidarbha during 29th-31st August.
- Isolated **thunderstorm & lightning** likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 25th-29th August; Vidarbha on 25th August.
- Isolated **heavy rainfall** likely over West Madhya Pradesh during 25th-27th August; Chhattisgarh and East Madhya Pradesh during 26th-29th August; Vidarbha on 25th August with isolated **very heavy rainfall** also likely over Chhattisgarh and East Madhya Pradesh on 25th August.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 25th-31st August; Bihar on 26th August; Odisha on 25th August and during 28th-31st August.
- **Isolated to Scattered** rainfall likely over Bihar on 25th August and during 27th-31st August; Odisha during 26th-27th August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 25th-29th August; Bihar during 25th-31st August; Odisha during 27th-29th August.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 25th-28th August; Gangetic West Bengal during 28th-30th August; Jharkhand during 25th-29th August; Bihar during 25th-27th August; Odisha on 25th August, on 27th August and on 31st August with isolated **very heavy rainfall** also likely over Odisha during 28th-30th August.

Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 25th-26th August and during 30th-31st August; Assam & Meghalaya on 25th August and during 28th-31st August; Nagaland, Manipur, Mizoram & Tripura during 25th-31st August.
- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 27th-29th August; Assam & Meghalaya during 26th-27th August.

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- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 25th-27th August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 25th-29th August.
- Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 25th-31st August; Nagaland, Manipur, Mizoram & Tripura on 25th August, during 27th-28th August and on 31st August with isolated **very heavy rainfall** also likely over Nagaland, Manipur, Mizoram & Tripura during 29th-30th August.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 25th-31st August; Madhya Maharashtra and Marathawada on 25th August.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra and Marathawada during 26th-31st August; Gujarat Region and Saurashtra & Kutch during 25th-31st August.
- Isolated **thunderstorm & lightning** likely over Marathawada on 25th August.
- Isolated **heavy rainfall** likely over Madhya Maharashtra during 25th-26th August.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 25th-31st August; Kerala & Mahe and Lakshadweep during 29th-31st August; South Interior Karnataka during 26th-31st August.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 25th-28th August; Coastal Karnataka during 25th-31st August; South Interior Karnataka on 25th August.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 25th-26th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 25th-29th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep during 25th-26th August; Telangana on 25th August.
- Isolated **thunderstorm & lightning** likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka on 25th August.
- Isolated **heavy rainfall** likely over Coastal Karnataka, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal on 25th August; Kerala & Mahe during 25th-26th August with isolated **very heavy rainfall** also likely over Kerala on 25th August.
- Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 25th-29th August.

Fishermen Warning:

- **Arabian Sea:** Along and off Somalia, Oman coasts, some parts of westcentral Arabian Sea and some parts of southwest Arabian Sea till 30th August, over few parts of eastcentral & north Arabian Sea during 27th to 29th August; Along and off Karnataka, Kerala, and Lakshadweep area till 27th August.
- **Bay of Bengal:** Over some parts of Gulf of Mannar adjoining Comorin area, some parts of southwest adjoining Sri Lanka coasts. and over Andaman Sea till 30th August; Off North Andhra Pradesh coasts adjoining some parts of westcentral & eastcentral Bay of Bengal on 25th August; over some parts of southeast adjoining eastcentral Bay of Bengal on 26th August, some parts of central adjoining southeast Bay of Bengal during 28th to 30th August.



Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **East Uttar Pradesh:** Azamgarh (dist Azamgarh) 18; Rajghat (Vns CWC) (dist Varanasi) 13; Basti CWC (dist Basti), Basti(t) (dist Basti), Robertsganj (dist Sonbhadra), Varanasi AP (dist Varanasi) 12 Each; Chopan Fmo (dist Sonbhadra), Jalalpur Fmo (dist Ambedkar Nagar), Sultanpur (dist Sultanpur) 11 Each; Chandauli (dist Chandauli) 9; Mirzapur Tehsil (dist Mirzapur), Kunda (dist Pratapgarh), Bhinga (dist Shrawasti) 8 Each; Colonganj (dist Gonda), Nanpara (dist Bahraich), Patti (dist Pratapgarh), Churk (dist Sonbhadra), Sultanpur CWC (dist Sultanpur) 7 Each; Ghorawal (dist Sonbhadra), Ghazipur (dist Ghazipur), Jaunpur CWC (dist Jaunpur) 6 Each; **Assam & Meghalaya:** Mawkyrwat (dist South West Khasi Hills) 17; Cherrapunji(rkm) (dist East Khasi Hills) 15; Mawsynram (dist East Khasi Hills), Cherrapunji (dist East Khasi Hills) 13 Each; Mawkyrwat AWS (dist South West Khasi Hills) 11; **Odisha:** Barkote (dist Deogarh) 16; Jujumura (dist Sambalpur) 12; Chandrapur (dist Rayagada) 11; Bolangir (dist Bolangir), Tarva (dist Sonepur), Th Rampur (dist Kalahandi) 10 Each; Bargarh (dist Bargarh) 9; Tensa (dist Sundargarh), Lathikata (dist Sundargarh), Kalampur (dist Kalahandi) 7 Each; Kantamal (dist Boudhgarh) 6; **Chhattisgarh:** Bade Bacheli (dist Dantewada) 16; Odagi (dist Surajpur) 12; Rajim (dist Gariaband), Masturi (dist Bilaspur), Kutaru (dist Bijapur), Gobra Nawapara (dist Raipur) 10 Each; Bhopalpatnam (dist Bijapur), Bijapur (dist Bijapur), Gangalur (dist Bijapur) 9 Each; Korba (dist Korba), Akaltara (dist Janjgir), **Bihar**pur (dist Surajpur), Mandir Hasoud (dist Raipur) 8 Each; Mahasamund (dist Mahasamund), Mana-Raipur-AP (dist Raipur), Usoor (dist Bijapur), Bhairamgarh (dist Bijapur), Kurud (dist Dhamtari), Kartala (dist Korba), Bhaisma (dist Korba), Bodari (dist Bilaspur) 7 Each; Sukma (dist Sukma), Arang (dist Raipur), Baloda Bazar (dist Baloda Bazar), Baloda (dist Janjgir), Lailunga (dist Raigarh), Tamnar (dist Raigarh), Labhandih (dist Raipur), Chhindgarh (dist Sukma), Raipur City (dist Raipur), Kharora (dist Raipur) 6 Each; **Kerala & Mahe:** Ayyankunnu AWS (dist Cannur) 12; Chemberi AWS (dist Cannur) 11; Hosdurg (dist Kasargod) 10; Thodupuzha (dist Idukki), Angadipuram (dist Malappuram), Karipur Ap. (dist Malappuram), Peringome AWS (dist Cannur), Padannakkad AWS (dist Kasargod), Urumi AWS (dist Kozhikode), Mannarkkad AWS (dist Palakkad), Athirappalli AWS (dist Thrissur) 9 Each; Idukki (dist Idukki), Kunnamangalam AWS (dist Kozhikode), Munakkal AWS (dist Thrissur) 8 Each; Ponnani (dist Malappuram), Kodungallur (dist Thrissur), Kochi IAF (dist Ernakulam), Thritla (dist Palakkad), Mannarkkad (dist Palakkad), Perumpavur (dist Ernakulam), Pattermbi (dist Palakkad), Kalamassery AWS (dist Ernakulam), Aluva AWS (dist Ernakulam), Udumbannoor AWS (dist Idukki), Panathur AWS (dist Kasargod), Pothundy Dam AWS (dist Palakkad), Lower Sholayar AWS (dist Thrissur), Ernakulam South (dist Ernakulam), Kozhikode (dist Kozhikode), Alwaye PWD (dist Ernakulam) 7 Each; Taliparamba (dist Cannur), Nilambur (dist Malappuram), Irikkur (dist Cannur), Vytthiri (dist Wynad), Chalakudi (dist Thrissur), Kochi C.i.a.l. (dist Ernakulam), Kunnamkulam (dist Thrissur), Kollamkode (dist Palakkad), Alathur (dist Palakkad), Kanjirapuzha ARG (dist Palakkad), Neryamangalam ARG (dist Ernakulam), Palluruthy ARG (dist Ernakulam), Koothattukulam AWS (dist Ernakulam), Vaikkom AWS (dist Kottayam), Nilambur AWS (dist Malappuram) 6 Each; **East Madhya Pradesh:** Orchha (dist Niwari) 11; Nagode (dist Satna), Singrauli-aws (dist Singrauli) 8 Each; Satna (raghurajnagar) (dist Satna), Sihawal (dist Sidhi), Sleemanabad (dist Katni) 6 Each; **West Madhya Pradesh:** Dewas-aws (dist Dewas) 11; Garoth (dist Mandsaur) 6; **East Rajasthan:** Uniara/aligarh (dist Tonk) 11; Lalsot (dist Dausa), Dausa (dist Dausa) 9 Each; Kishngarhwas SR (dist Alwar), Malakhera SR (dist Alwar), Govindgarh SR (dist Alwar) 8 Each; Chothkabarwara SR (dist Sawai Madhopur), Pachpahar SR (dist Jhalawar), Nainwa (dist Bundi), Patan (dist Bundi) 7 Each; Kaman (dist Bharatpur), Nagar SR (dist Bharatpur), Kotkasim SR (dist Alwar), Tonk Tehsil SR (dist Tonk) 6 Each; **Haryana-Chandigarh-Delhi:** Palwal (dist Palwal), Lodi Road (dist South East Delhi), Delhi University Obs (dist Central Delhi), Water Service Div AWS (dist Palwal), Aya Nagar (dist South Delhi), Delhi Ridge (dist Central Delhi), Safdarjung (dist South East Delhi) 10 Each; Gurgaon REV (dist Gurgaon), Kvk Janakpuri (dist West Delhi) 8 Each; Sonapat (dist Sonapat), Gurgaon AWS (dist Gurgaon), Damla AWS (dist Yamuna Nagar), Rai REV (dist Sonapat), Pragati Maidan (dist New Delhi), Dhauj (dist Faridabad), Palam (dist New Delhi) 7 Each; Faridabadaws (dist Faridabad), Pusa AWS (dist West Delhi), Ignou University (dist South Delhi) 6 Each; **Tamil Nadu, Puducherry & Karaikal:** Chinnakalar (dist Coimbatore) 10; Devala (dist Nilgiris), G Bazar (dist Nilgiris), Sholayar (dist Coimbatore), Avalanche (dist Nilgiris), Cincona (dist Coimbatore), Valparai Pap (dist Coimbatore), Upper

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Gudalur (dist Nilgiris), Taluk Office Pandalur (dist Nilgiris) 7 Each; Valparai Taluk Office (dist Coimbatore), Upasi Tea Research AWS (dist Coimbatore) 6 Each; **Himachal Pradesh:** Dhaulakuan AWS (dist Sirmaur) 9; **Jharkhand:** Dhurki (dist Garhwa), Garu (dist Latehar) 8 Each; Daltonganj (dist Palamu), Chakradharpur (dist West Singhbhum), Narayanpur (dist Jamtara) 6 Each; **Bihar:** Khagadia (dist Khagaria) 8; Bhabhua (dist Bhabua) 6; **West Uttar Pradesh:** Dhampur (dist Bijnor) 7; Khekda (dist Baghpat) 6; **Uttarakhand:** Berinag (dist Pithoragarh) 6; **Vidarbha:** Etapalli (dist Gadchiroli) 6.

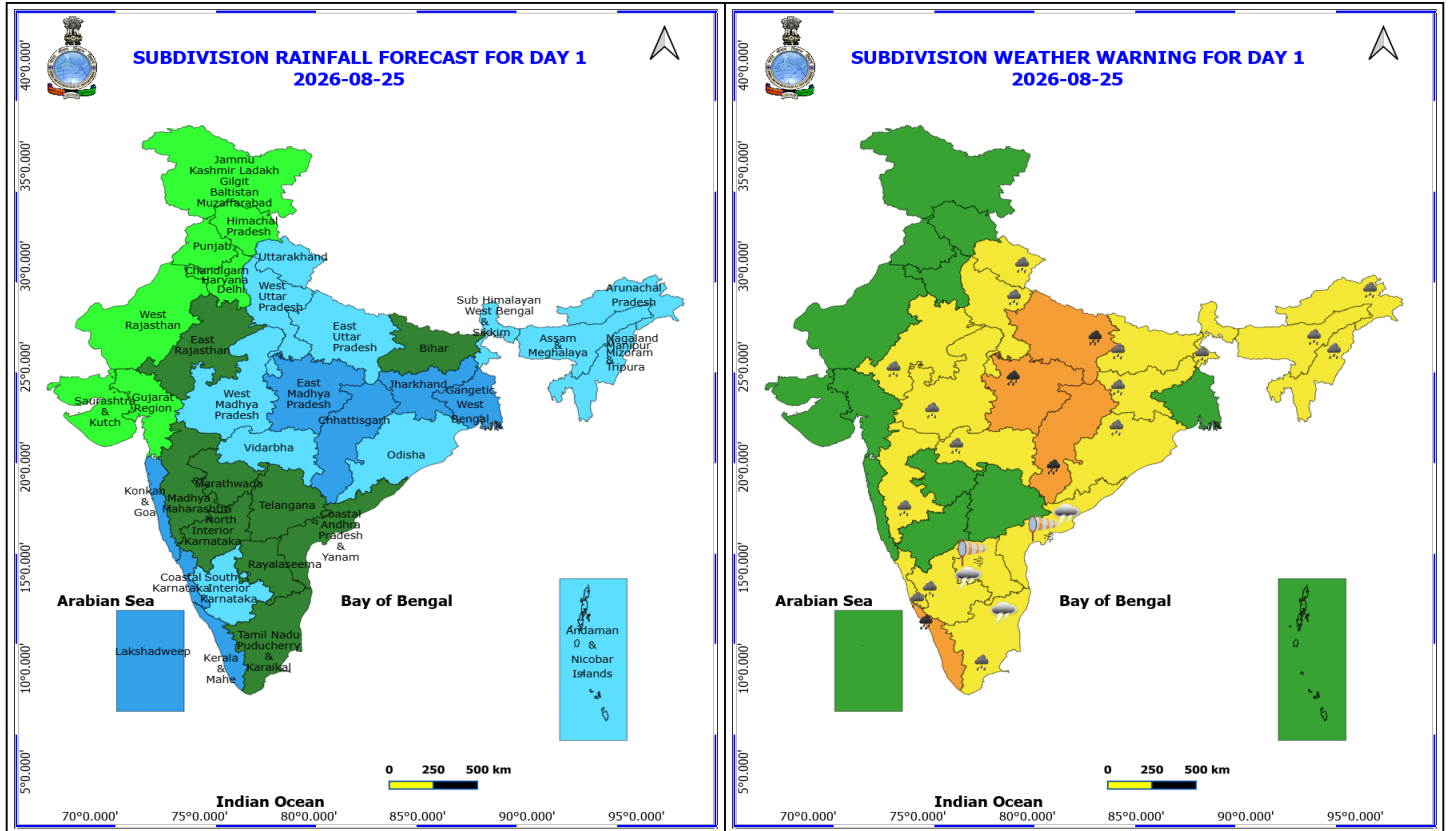
❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Assam & Meghalaya, Odisha, East Uttar Pradesh, Chhattisgarh and Kerala & Mahe. **Heavy rain** at isolated places over Jharkhand, Bihar, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal.

❖ **Minimum Temperature Departures (as on 25-08-2026): markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Bihar, Himachal Pradesh, West Madhya Pradesh and Madhya Maharashtra. **appreciably above normal(3.1°C to 5.0°C)** at few places over Andaman & Nicobar Islands and East Madhya Pradesh; at isolated places over East Uttar Pradesh, West Uttar Pradesh, Punjab, West Rajasthan, East Rajasthan, Saurashtra & Kutch and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Uttarakhand; at few places over Gangetic West Bengal, Gujarat Region, Konkan & Goa, Vidarbha, Coastal Andhra Pradesh & Yanam, Rayalaseema and Lakshadweep; at isolated places over Odisha, Jharkhand and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad. **near normal(-1.5°C to 1.5°C)** at many places over Haryana-Chandigarh-Delhi; at most places over Arunachal Pradesh, Marathwada, Chhattisgarh, Telangana, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe. **The lowest minimum temperature** of 17.5°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 24-08-2026): 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. **The highest maximum temperature** of 39.1°C was reported at TIRUCHIRAPALLI (A) (TAMIL NADU).

Meteorological Analysis (Based on 1430 hours IST)

- The **Low-Pressure Area** over Jharkhand & neighbourhood persisted over the same region at 1430 Hrs IST of today, the 25th August 2026. The associated cyclonic circulation extends upto 5.8 km above mean sea level tilting southwards with height. The system is likely to move nearly west-northwestwards during the next 24 hours.
- The **Monsoon trough** at mean sea level now passes through Jammu, Dehradun, Shahjahanpur, Prayagraj, centre of **Low Pressure Area** over Jharkhand & neighbourhood and Digha & thence southeastwards to Northwest Bay of Bengal and extends upto 4.5 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 **Western Disturbance** as a trough in upper tropospheric westerlies with its axis at 7.6 km above mean sea level now runs roughly along Long. 72°E to the north of Lat. 28°N.



25 August (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, East Uttar Pradesh and Kerala & Mahe.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, East Rajasthan, Jharkhand, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttarakhand, Vidarbha, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, East Rajasthan, Jharkhand, Kerala & Mahe, Lakshadweep, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Karnataka, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ **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 & Oman coasts, 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 coasts, over Lakshadweep Area adjoining sea areas.

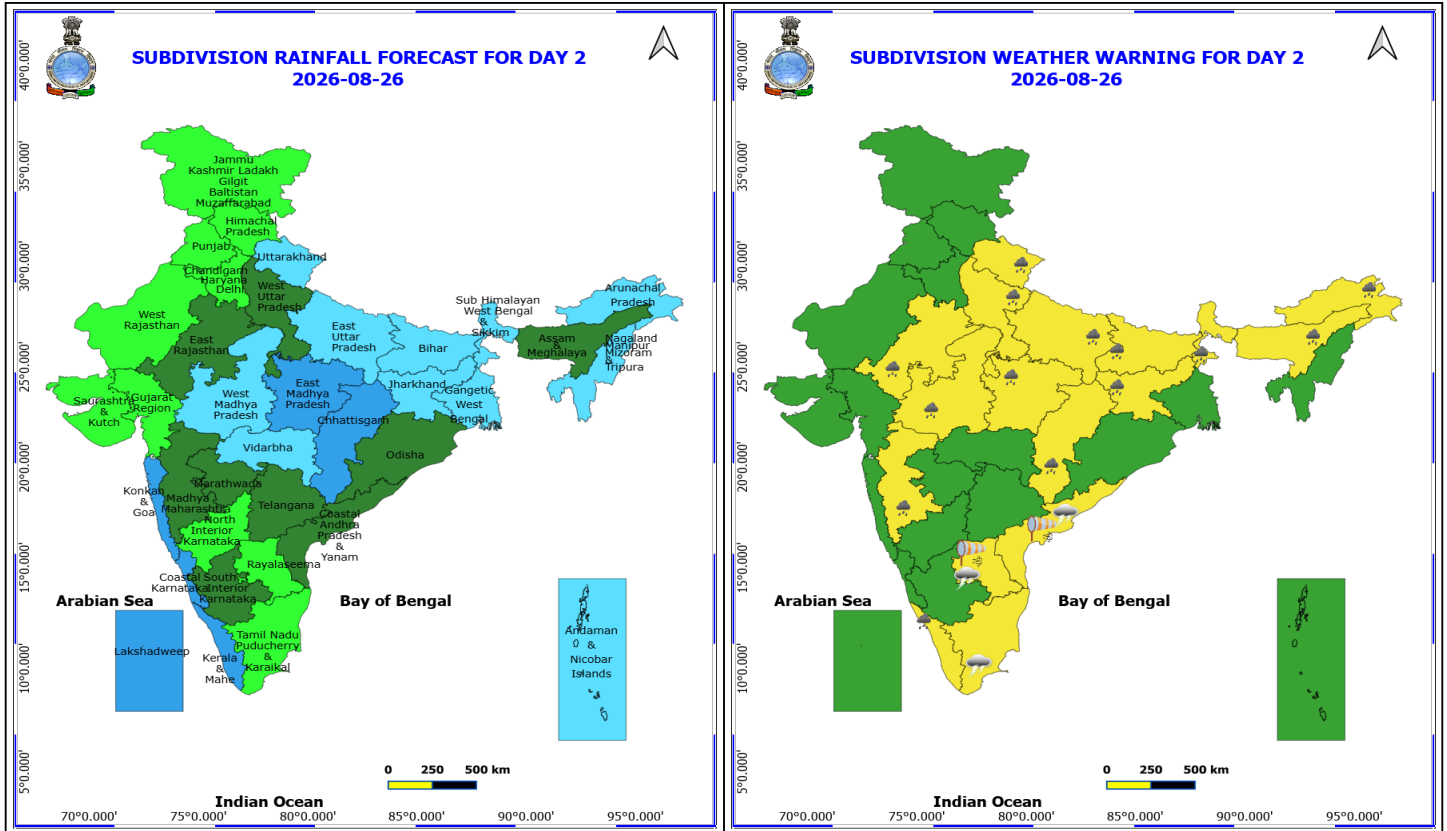
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- ❖ Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar adjoining Comorin area and some parts of southwest adjoining off Sri Lanka coast and some parts of southeast Bay of Bengal.
- ❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail off north Andhra Pradesh coast adjoining some parts of central Bay of Bengal, and over Andaman Sea.



26 August (Day 2)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Rajasthan, Jharkhand, Kerala & Mahe, Madhya Maharashtra, Madhya Pradesh, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, East Rajasthan, Jharkhand, Kerala & Mahe, Lakshadweep 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.
- ❖ **Arabian Sea:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail along and off Somalia & Oman coasts, over some parts of westcentral adjoining some parts of southwest Arabian Sea.
- ❖ **Squally Weather** with wind speed 35-45 kmph gusting to 55 kmph is likely to prevail along and off Karnataka, Kerala coasts, over Lakshadweep Area adjoining sea areas.
- ❖ **Bay of Bengal:** Squally wind with speed 45-55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar adjoining Comorin area and some parts of southwest adjoining off Sri Lanka coast, some parts of westcentral and southeast Bay of Bengal.

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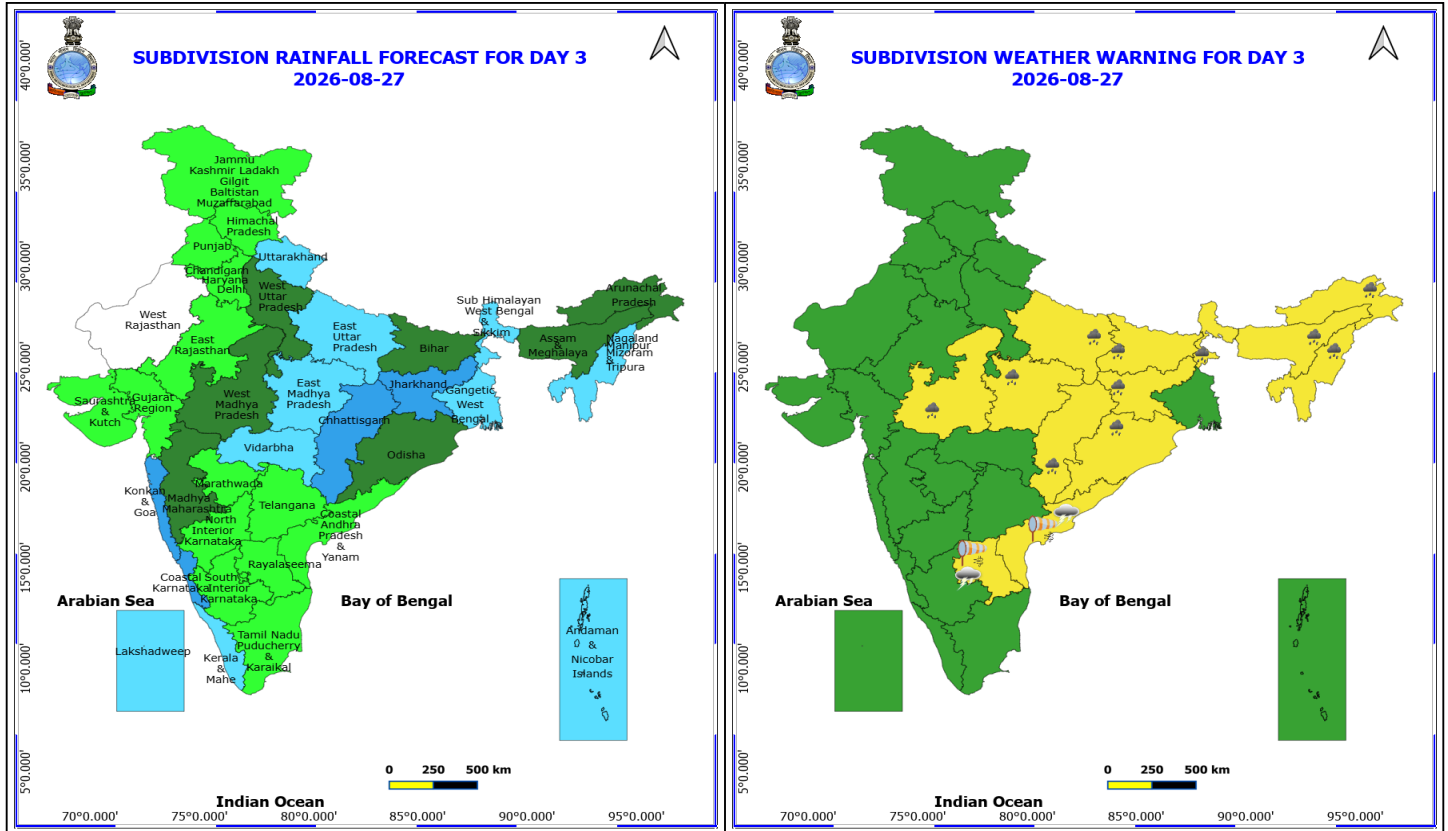
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❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail southeast adjoining eastcentral Bay of Bengal and over Andaman Sea.



27 August (Day 3)

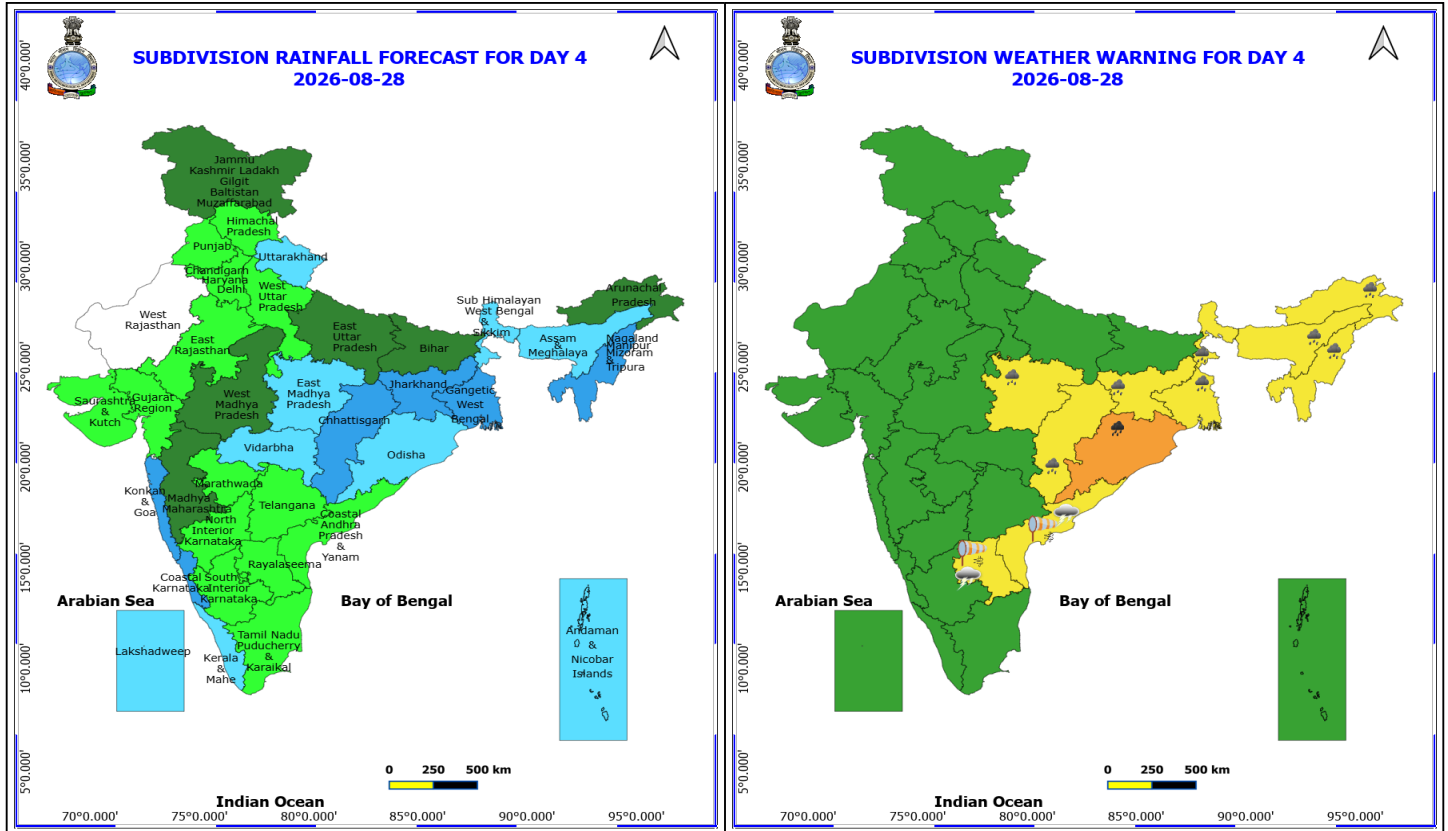
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Uttar Pradesh, Jharkhand, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Jharkhand, Odisha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, Madhya Pradesh, 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 coasts, over some parts of westcentral adjoining some parts of southwest and few parts of north and eastcentral 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 some parts of southwest adjoining Sri Lanka coast.
- ❖ **Squally Weather** with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea.

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28 August (Day 4)

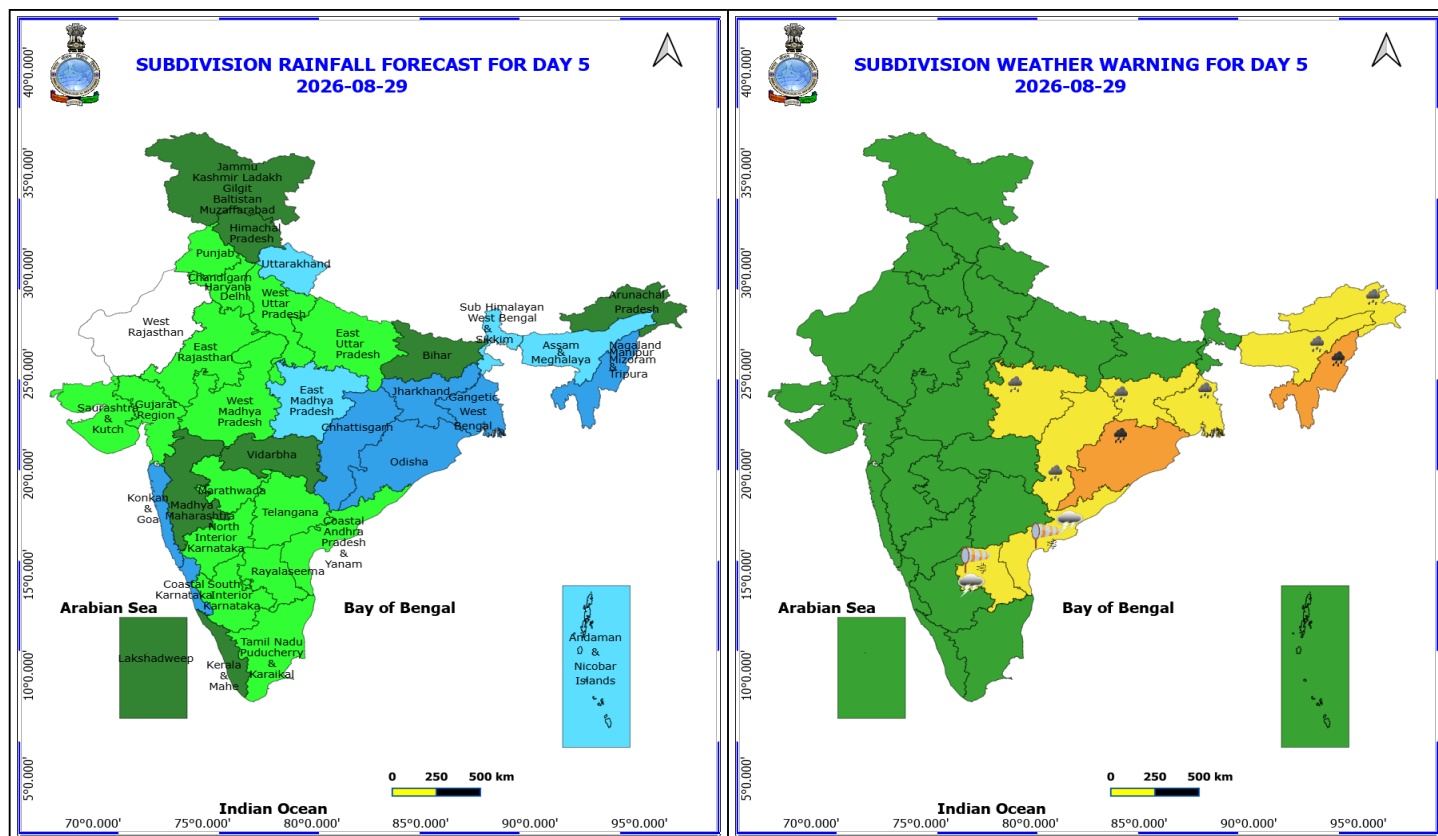
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Jharkhand, Odisha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, 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 and Oman coasts, over some parts of westcentral adjoining some parts of southwest and few parts of north and eastcentral 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 some parts of southwest adjoining Sri Lanka coast.
- ❖ **Squally Weather** with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over some parts of central & southeast Bay of Bengal and over Andaman Sea.

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29 August (Day 5)

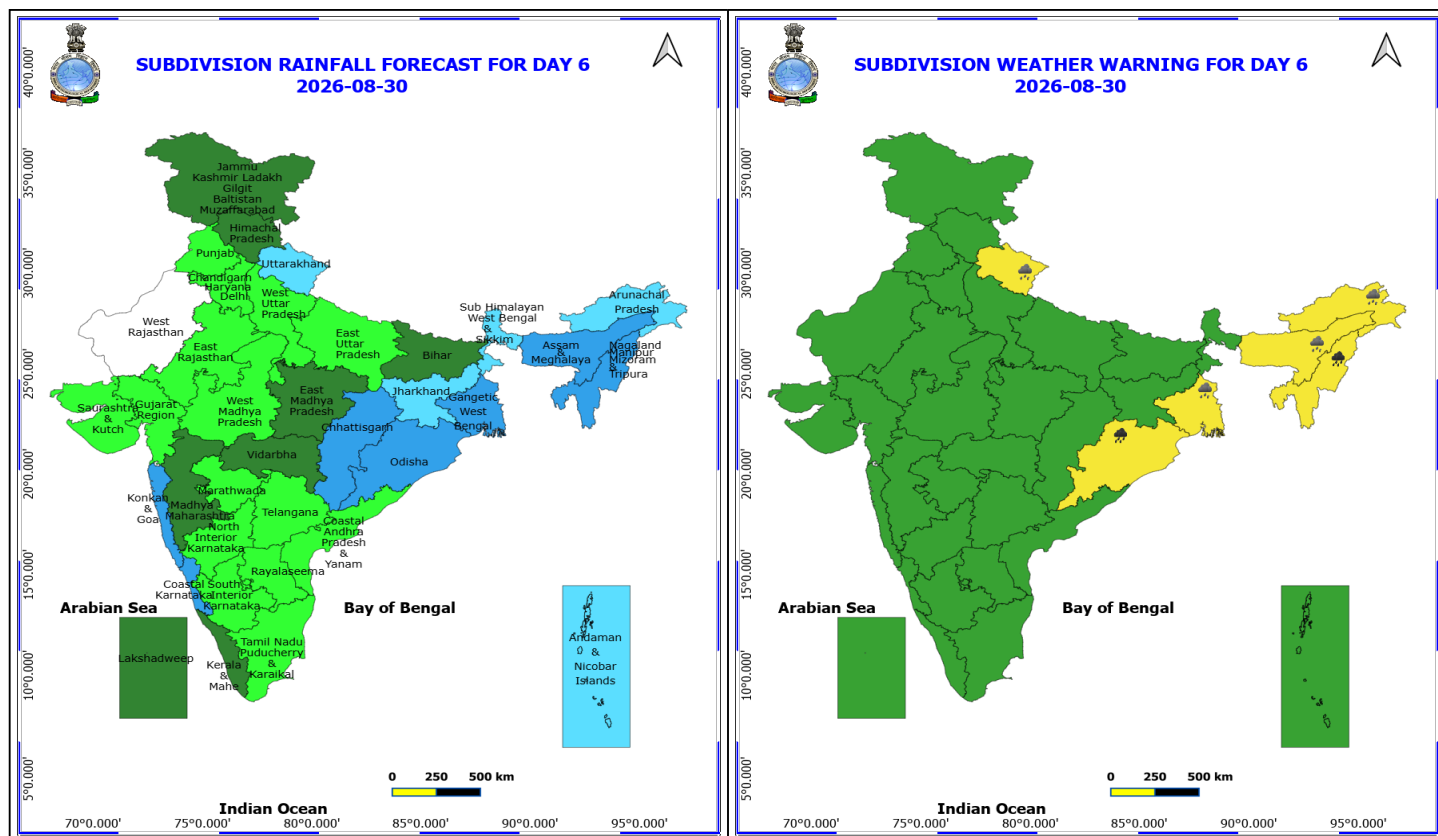
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Gangetic West Bengal and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Jharkhand, Odisha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, 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 and Oman coasts, over some parts of westcentral adjoining some parts of southwest and few parts of north and eastcentral 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 some parts of southwest adjoining Sri Lanka coast.
- ❖ **Squally Weather** with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over some parts of central & southeast Bay of Bengal and over Andaman Sea.

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30 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura and Odisha.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gangetic West Bengal and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.

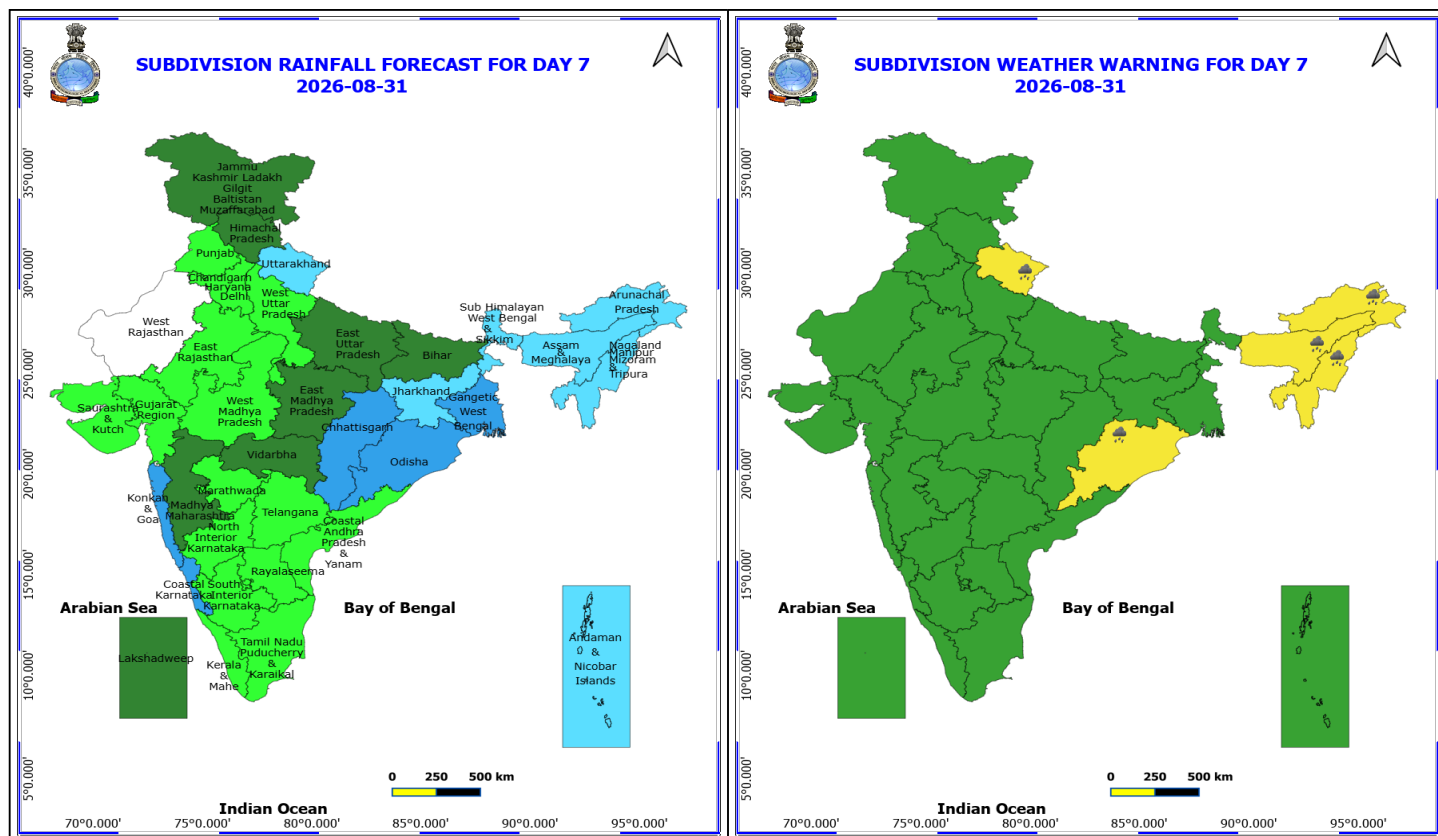
No Fishermen Warning

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31 August (Day 7)

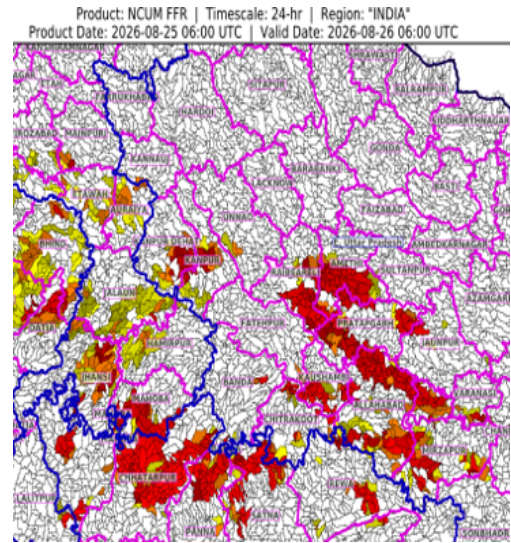
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura, Odisha and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand.

No Fishermen Warning

Flash Flood Warnings

Flash Flood Risk (FFR) till 1130 IST of 26- 08-2026:

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub- divisions during next 24 hours. East Madhya Pradesh: Rewa, Satna, Chhatarpur, Tikamgarh and Panna districts
West Madhya Pradesh: Bhind and Datia districts
East Uttar Pradesh: Mirzapur, Varanasi, Prayagraj, Jaunpur, Chitrakoot, Kaushambi, Pratapgarh, Banda, Rae Bareilly, Amethi, Kanpur City, Kanpur Dehat and Unnao districts
West Uttar Pradesh: Mahoba, Jhansi, Hamirpur, Jalaun, Auraiya, Etawah and Mainpuri districts
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



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Table-1

7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-08-24

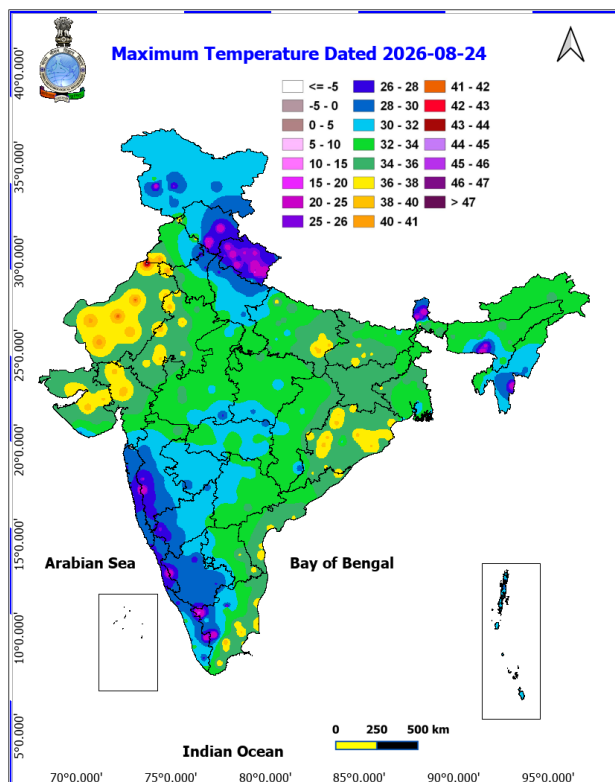


Fig. 2: Departure of Maximum Temp. Dated 2026-08-24

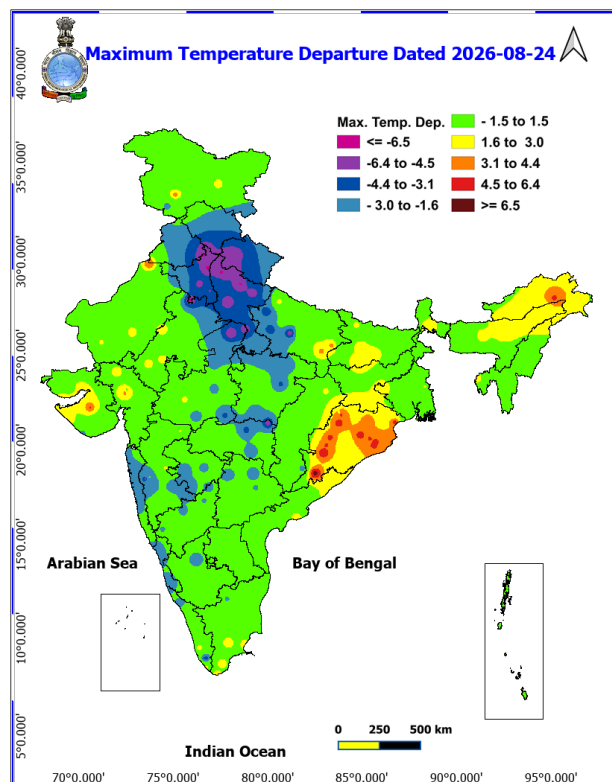


Fig. 3: Minimum Temperatures Dated 2026-08-25

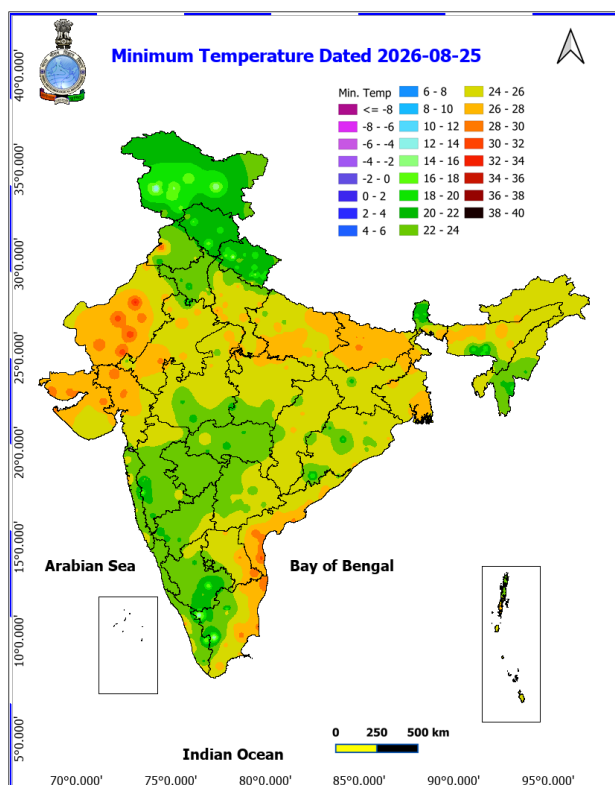
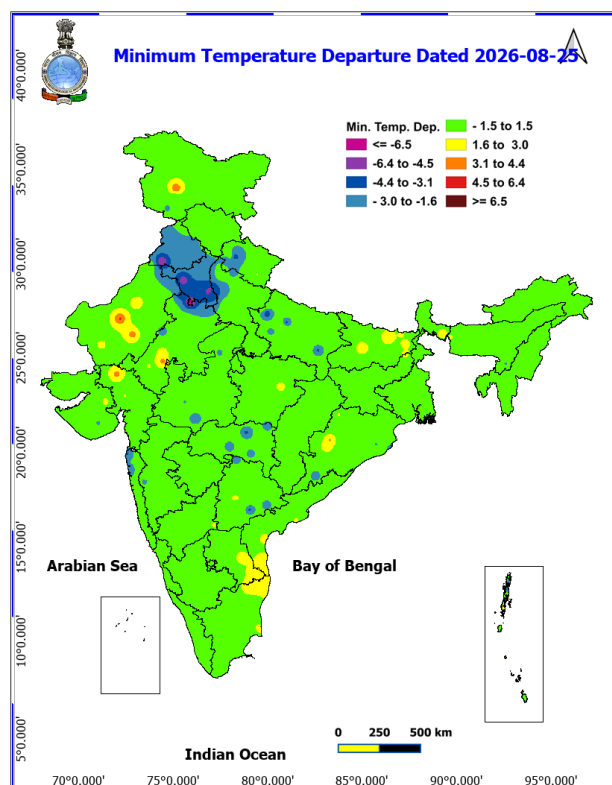
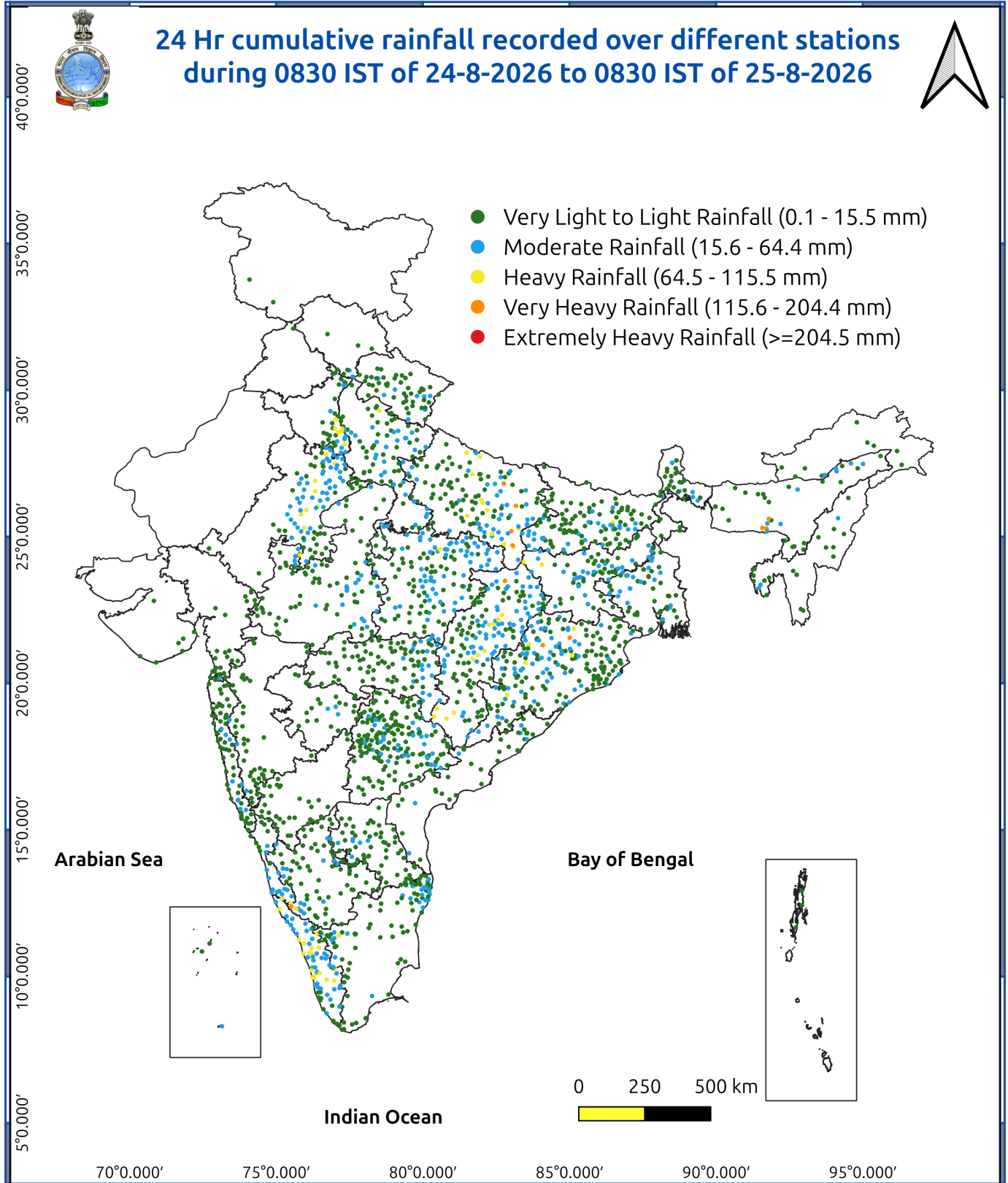


Fig. 4: Departure of Minimum Temp. Dated 2026-08-25





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Impact and Actions

Impact Expected and Action Suggested due to very heavy/extremely heavy rainfall:

- **Isolated heavy to very heavy rainfall** likely over East Uttar Pradesh, East Madhya Pradesh, Kerala & Mahe and Chhattisgarh on 25th 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 **Madhya Pradesh**, maintain effective drainage in maize, soybean, sugarcane, cotton, vegetable, pulse and oilseed fields and promptly remove excess water. Postpone fertilizer application and intercultural operations until the soil becomes workable. Provide staking/support to young vegetable plants and propping to sugarcane to minimize lodging.
- In **Chhattisgarh**, ensure continuous and effective drainage in rice, maize, groundnut, minor millets, pulses and vegetable fields to prevent water stagnation. Clean drainage channels in low-lying maize, ginger, turmeric and vegetable fields and provide staking/support to cucurbits, tomato and capsicum.
- In **Vidarbha**, maintain proper drainage in soybean, cotton, maize and other standing crop fields and remove excess rainwater promptly. Postpone fertilizer, plant protection and intercultural operations until the soil becomes workable and provide support to young vegetables and other vulnerable crops against lodging.
- In **Uttarakhand**, ensure proper drainage of excess rainwater from rice, sugarcane, maize, barnyard millet, kidney bean, finger millet, ginger and tomato fields. Clear terrace outlets and strengthen bunds to reduce erosion, waterlogging and lodging, and secure stakes and trellises in tomato and other vegetables.
- In **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 **East Rajasthan**, make arrangements for drainage from the fields of already sown pearl millet, green gram, sesame, moth bean, cluster bean, other standing crops and vegetables.
- In **Arunachal Pradesh**, maintain proper drainage in rice, maize, finger millet, soybean, cowpea, vegetable fields and orchards to remove excess water and prevent waterlogging. Keep millet fields well-drained during

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panicle initiation and flowering stages and maintain proper spacing and field sanitation.

- In **Assam and Meghalaya**, maintain proper drainage in rice, sugarcane, pigeon pea, green gram, sesame, jute and vegetable fields and keep field channels clear. Harvest jute at the appropriate stage wherever field conditions permit and postpone fertilizer and plant protection operations during rainfall. In Meghalaya, remove excess water from maize, cowpea, okra and ginger fields and maintain rice bunds properly.
- In **Nagaland, Manipur, Mizoram and Tripura**, maintain proper drainage in rice, soybean, black gram, ginger, turmeric, cole crops, vegetables and groundnut fields to prevent water stagnation. Harvest mature maize cobs and ginger wherever field conditions permit and postpone plant protection operations until a suitable rain-free period.
- In **Odisha**, ensure continuous and effective drainage of excess water from kharif rice, maize, pulses, cotton, red gram, banana, vegetable fields and nursery beds. Keep field drains, outlets and bunds clear and functional. In waterlogged areas, postpone sowing/re-sowing of maize and green gram and prevent water stagnation in pearl millet. Protect vegetable nurseries with polythene sheets and Provide staking to vegetables, propping to banana, papaya and young horticultural plants. Maintain emergency outlets in transplanted rice fields to prevent prolonged submergence of seedlings.
- In **Sub-Himalayan West Bengal and Sikkim**, clear drainage channels in vegetable fields, orchards, rice and finger millet nurseries to prevent waterlogging. Maintain proper drainage in rice and vegetable fields, protect chilli seedlings from heavy rain and support okra and bitter gourd plants against lodging and water stagnation.
- In **Bihar**, make proper arrangements for drainage of excess rainwater from crop fields and postpone the application of fertilizers and pesticides.
- In **Jharkhand**, maintain proper drainage and prevent waterlogging in all standing crops, particularly maize and red gram. Keep harvested produce in safe, dry places and protect vegetable seedlings. Postpone fertilizer and plant protection operations until rainfall subsides and field conditions become suitable.
- In **Madhya Maharashtra**, in *Ghat* areas, drain out excess rainwater from rice, finger millet and vegetable fields. Postpone intercultural operations, fertilizer application and plant protection measures until field conditions become suitable.
- In **Tamil Nadu**, provide proper drainage to rice nurseries and standing rice fields and continue rice transplanting only where field conditions permit. Postpone irrigation, fertilizer and plant protection operations during wet conditions and provide support to vulnerable young plants and vegetables.
- In **Coastal and South interior Karnataka**, ensure proper drainage in maize and ginger fields and remove excess water promptly. In coastal areas, provide drainage to black pepper, arecanut and coconut plantations and provide support to banana, papaya and young plants; undertake paddy transplanting only where suitable field conditions permit.
- In **Keralam**, ensure drainage around paddy, nutmeg, coconut and other plantation crops and promptly remove excess water from areas prone to waterlogging. Maintain good drainage around palms and ginger fields and avoid excessive nitrogen application in paddy during wet conditions.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

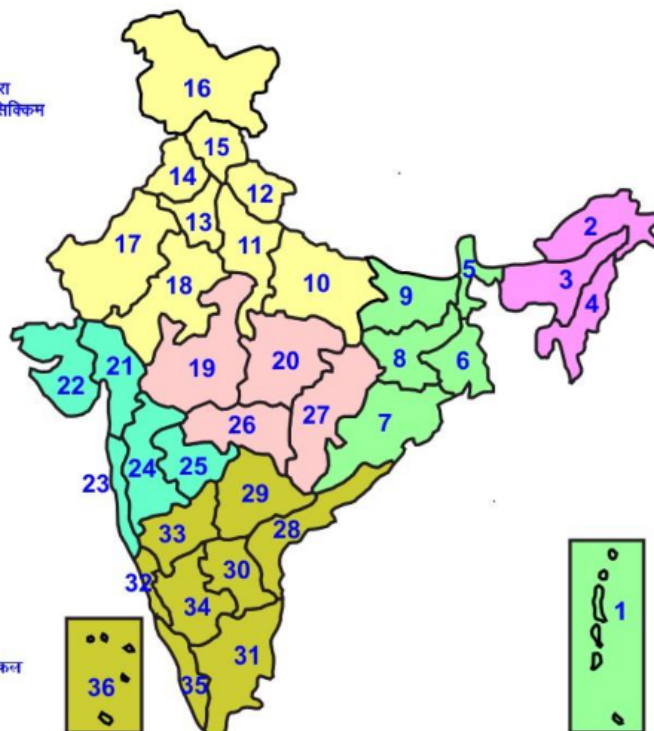
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables 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

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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Colour

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

Probabilistic Forecast

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

-  Heavy Rain
-  Very Heavy Rain
-  Extremely Heavy Rain
-  Heavy Snow
-  Thunderstorm & Lightning
-  Hailstorm
-  Dust Storm
-  Dust Raising Winds
-  Strong surface winds
-  Heat Wave
-  Hot Day
-  Warm Night
-  Cold Wave
-  Cold Day
-  Ground Frost
-  Fog
-  Hot & Humid

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

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

(b). Based on Actual maximum temperature

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

(c). Criteria for heat wave for coastal stations

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



When maximum temperature remains 40°C

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



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

(a). Based on departure

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

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

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

(c) For Coastal Stations

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



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

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



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

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



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



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



Ice deposits on ground

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



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

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



Effect of various waves in the sea over specific area

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



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

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64-89 knots)
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90-119 knots)
Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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