

2026-08-30

Time of Issue: 14:03:00 hours IST  
(Mid-Day)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Weather forecast and Warnings

##### Northwest India:

- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 30th August and during 3rd-5th September; Himachal Pradesh on 30th August.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 30th August-5th September; East Uttar Pradesh during 30th-31st August; West Rajasthan during 3rd-5th September; East Rajasthan during 1st-5th September.
- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 31st August-2nd September; Himachal Pradesh during 31st August-5th September; Uttarakhand during 30th August-5th September.
- **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh during 1st-5th September.
- **Isolated thunderstorm & lightning** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 30th August-5th September; West Uttar Pradesh during 31st August-1st September; East Uttar Pradesh during 30th August-1st September.
- **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 31st August-1st September; Himachal Pradesh during 31st August-3rd September; Uttarakhand during 2nd-5th September; West Uttar Pradesh during 31st August-5th September; East Uttar Pradesh on 30th August and during 1st-5th September with isolated **very heavy rainfall** also likely over Uttarakhand during 30th August-1st September; East Uttar Pradesh on 31st August.

##### Central India:

- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 30th August-1st September.
- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 2nd-5th September; Chhattisgarh, East Madhya Pradesh and Vidarbha during 30th August-5th September.
- **Isolated thunderstorm & lightning** likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 30th August-3rd September; Vidarbha during 2nd-3rd September.
- **Isolated heavy rainfall** likely over West Madhya Pradesh during 1st-2nd September; East Madhya Pradesh during 30th-31st August and during 4th-5th September; Vidarbha during 2nd-3rd September; Chhattisgarh on 31st August and during 2nd-4th September with isolated **very heavy rainfall** also likely over West Madhya Pradesh during 3rd-5th September; East Madhya Pradesh during 1st-3rd September; Chhattisgarh on 30th August and on 1st September.

##### East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 30th August-5th September; Jharkhand and Odisha during 30th August-2nd September; Bihar during 31st August-2nd September.
- **Isolated to Scattered** rainfall likely over Jharkhand and Odisha during 3rd-5th September; Bihar on 30th August and during 3rd-5th September.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 30th August-5th September; Gangetic West Bengal during 30th-31st August; Odisha during 30th August-1st September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 30th August-2nd September; Gangetic West Bengal on 1st September; Jharkhand during 30th August-3rd September; Bihar during 30th August-5th September.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 31st August-3rd September; Gangetic West Bengal during 31st August-1st September; Jharkhand during 1st-2nd September; Bihar on 30th August and during 1st-2nd September; Odisha during 30th-31st August and during 2nd-3rd September with

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isolated **very heavy rainfall** also likely over Gangetic West Bengal on 30th August; Jharkhand during 30th-31st August; Bihar on 31st August; Odisha on 1st September.

- **Isolated Extremely heavy rainfall** likely over Odisha and Chhattisgarh on 30<sup>th</sup> August.

#### Northeast India:

- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 30th August-5th September.
- Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 30th August-3rd September.
- Isolated **heavy rainfall** likely over Arunachal Pradesh on 30th August and during 1st-5th September; Assam & Meghalaya during 31st August-5th September; Nagaland, Manipur, Mizoram & Tripura during 1st-5th September with isolated **very heavy rainfall** also likely over Arunachal Pradesh on 31st August; Assam & Meghalaya on 30th August; Nagaland, Manipur, Mizoram & Tripura during 30th-31st August.

#### West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 30th August-5th September; Madhya Maharashtra on 4th September.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra during 30th August-3rd September and on 5th September; Gujarat Region, Marathwada and Saurashtra & Kutch during 30th August-5th September.
- Isolated **thunderstorm & lightning** likely over Madhya Maharashtra on 4th September; Marathwada during 30th-31st August and on 3rd September.
- Isolated **heavy rainfall** likely over Madhya Maharashtra on 30th 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 30th August-5th September; Kerala & Mahe and Lakshadweep during 4th-5th September.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 30th August-3rd September; Coastal Karnataka during 30th August-5th September.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 30th August-2nd September; Coastal Andhra Pradesh & Yanam and Rayalaseema during 30th August-3rd September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe, Lakshadweep and Telangana during 30th-31st August; Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 30th August-1st September.
- Strong Surface Winds likely over Kerala & Mahe and Lakshadweep during 30th-31st August; Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 30th August-1st September; Coastal Andhra Pradesh & Yanam and Rayalaseema during 30th August-3rd September.

#### Fishermen Warning:

- **Bay of Bengal:** Off south Tamil Nadu coast, few parts of Gulf of Mannar adjoining Comorin area and some parts of southwest Bay of Bengal adjoining south Sri Lanka coast till 04th September and over Andaman Sea till 03rd September; along and off West Bengal, Odisha, north Andhra Pradesh, Bangladesh coasts, over north adjoining some parts of central Bay of Bengal till 01st September.
- **Arabian Sea:** Along and off Somalia and Oman coasts, over many parts of westcentral and some parts of southwest Arabian Sea till 04th September and over adjoining north & eastcentral Arabian Sea till 02nd September.

### Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **East Uttar Pradesh:** Beberu (dist Banda) 22; Naraini (dist Banda) 10; Attarra (dist Banda) 8; Gonda Sadar (dist Gonda), Badusa (dist Banda), Banda (dist Banda), Gonda CWC (dist Gonda) 7 Each; Dhaurahara (dist Kheri), Bhatpurwaghat (dist Sitapur) 6 Each; **Haryana-Chandigarh-Delhi:** Kalka (dist Panchkula) 16; **Odisha:** Rajghat (dist Balasore) 16; Kusumi (dist Mayurbhanj) 13; Lathikata (dist Sundargarh) 11; K Nuagaon (dist Kandhamal), Jaleswar (dist Balasore) 9 Each; Th Rampur (dist Kalahandi), Marsaghai (dist Kendrapara) 8 Each; Kantamal (dist Boudhgarh), Kendrapara (dist Kendrapara), Baliguda (dist Kandhamal), Gudvela (dist Bolangir), Kendrapada PTO (dist Kendrapara), Balisankara (dist Sundargarh) 7 Each; Joshipur (dist Mayurbhanj), Chandahandi (dist Nawarangpur), Derabis (dist Kendrapara), Rajnagar (dist Kendrapara), Sukruli (dist Mayurbhanj), Raruana (dist Mayurbhanj), Papadahandi (dist Nawarangpur), Bamra (dist Sambalpur) 6 Each; **Jharkhand:** Saryu (dist Latehar) 13; Garu (dist Latehar) 10; Sikatia (dist Deoghar), Majhgaon (dist West Singhbhum) 7 Each; Shilaichak (dist Chatra), Karmatand (dist Jamtara) 6 Each; **Chhattisgarh:** Ramanujganj (dist Balrampur), Raghunath Nagar (dist Balrampur) 12 Each; Rajpur (dist Balrampur) 10; Kusmi (dist Balrampur) 9; Chando (dist Balrampur) 8; Janakpur Bharatpur (dist Manendragarh Bharatpur), Ambikapur (dist Surguja) 7 Each; Balrampur (dist Balrampur), Bhaisma (dist Korba) 6 Each; **East Madhya Pradesh:** Ramnagar (dist Maihar) 12; Jawa (dist Rewa) 8; Devendranagar (dist Panna), Jaisingh Nagar (dist Shahdol) 7 Each; Manpur (dist Umariya), Kusmi (dist Sidhi), Jaitpur (dist Shahdol), Teonthar (dist Rewa) 6 Each; **Konkan & Goa:** Quepem (dist South Goa) 8; Chiplun (dist Ratnagiri) 7; **Bihar:** Birpur (dist Supaul), Obra (dist Aurangabad) 8 Each; Hasanpur (dist Samastipur), Kutumba (dist Aurangabad), Basantpur (dist Siwan) 7 Each; Kursela (dist Katihar), Buxar (dist Buxar), Parbatta (dist Khagaria), Ziradei (dist Siwan), Sonbhadra Bnashi Suryap (dist Arwal), Shamho Akha Kurha (dist Begusarai) 6 Each; **Uttarakhand:** Khatima (dist Udham Singh Nagar), Sama (dist Bageshwar), Narendranagar (dist Garhwal Tehri) 7 Each; Karnaprayag (dist Chamoli), Rishikesh (dist Dehradun), Bageshwar (thmo) (dist Bageshwar), Didihat (dist Pithoragarh) 6 Each; **West Uttar Pradesh:** Bisalpur (dist Pilibhit) 7; **Gangetic West Bengal:** Bankura(CWC) (dist Bankura) 7; **Nagaland, Manipur, Mizoram & Tripura:** Mizoram Uni AWS (dist Aizawl) 6.

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

❖ **Minimum Temperature Departures (as on 30-08-2026):** **markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya; at isolated places over Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at few places over Andaman & Nicobar Islands, Arunachal Pradesh, Punjab and Himachal Pradesh; at isolated places over East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Himachal Pradesh, Coastal Andhra Pradesh & Yanam and Lakshadweep; at few places over Arunachal Pradesh, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, East Madhya Pradesh, Gujarat Region, Konkan & Goa and Rayalaseema; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Bihar, East Uttar Pradesh, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Odisha, East Uttar Pradesh, West Rajasthan, East Rajasthan, West

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Madhya Pradesh, Saurashtra & Kutch and Vidarbha; at most places over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Bihar, Madhya Maharashtra, Marathwada, Chhattisgarh, Telangana, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Andaman & Nicobar Islands, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Haryana-Chandigarh-Delhi, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Rayalaseema and Lakshadweep; at isolated places over Uttarakhand, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and Coastal Andhra Pradesh & Yanam. **The lowest minimum temperature** of 18.5°C was reported at HALFLONG (ASSAM) over the Plains of India.

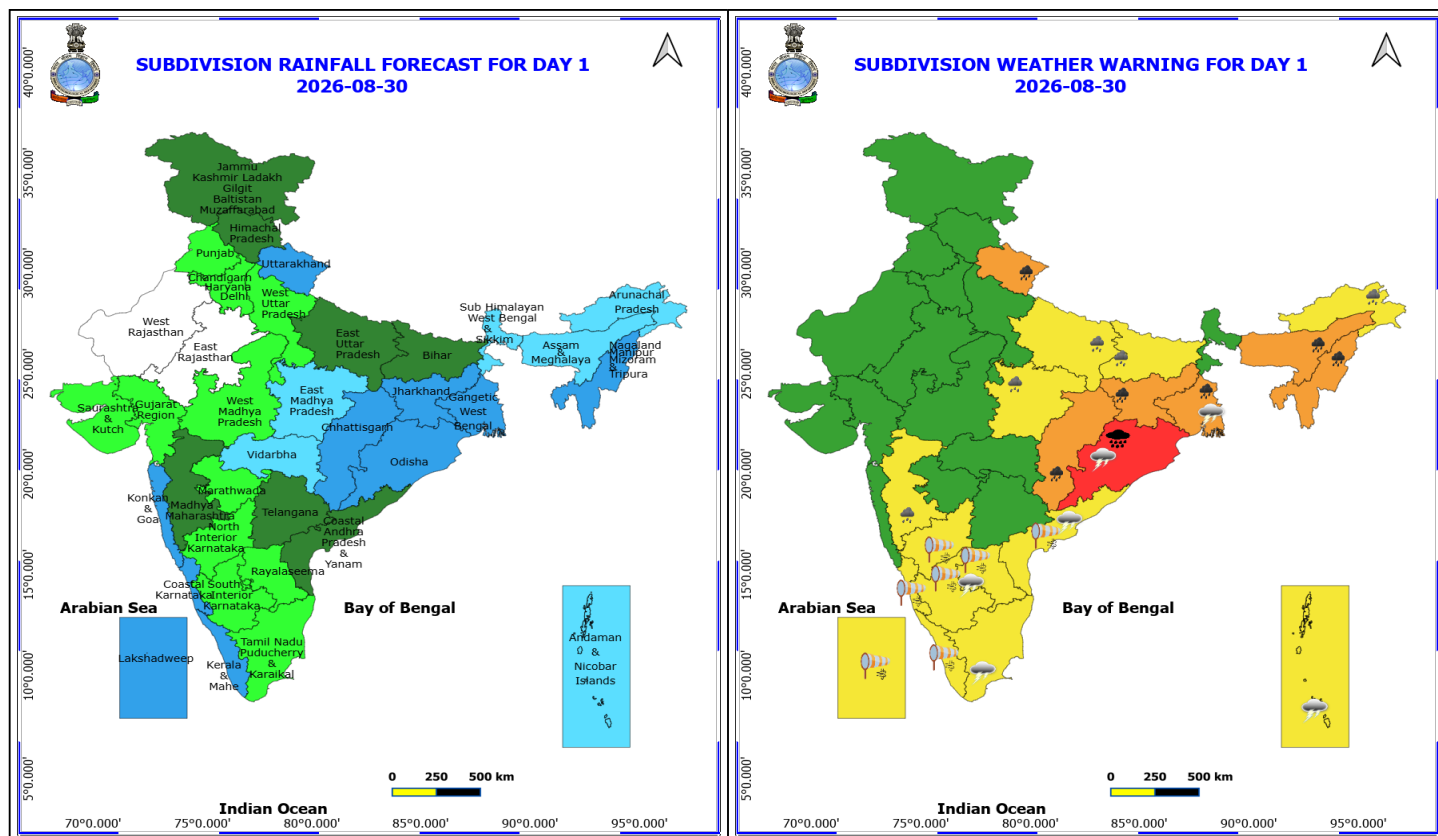
❖ **Maximum Temperature Departures (as on 29-08-2026):** **markedly above normal(> 5.1°C)** at many places over Assam & Meghalaya and Himachal Pradesh; at most places over Arunachal Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over West Rajasthan. **appreciably above normal(3.1°C to 5.0°C)** at many places over Sub Himalayan West Bengal & Sikkim and Punjab; at isolated places over Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Nagaland, Manipur, Mizoram & Tripura and Haryana-Chandigarh-Delhi; at isolated places over Bihar and West Uttar Pradesh. **near normal(-1.5°C to 1.5°C)** at many places over Lakshadweep; at most places over Uttarakhand; at few places over Gangetic West Bengal, Odisha, Saurashtra & Kutch, Konkan & Goa and Coastal Andhra Pradesh & Yanam; at isolated places over Andaman & Nicobar Islands, East Rajasthan and Kerala & Mahe. **The highest maximum temperature** of 40.9°C was reported at KAKINADA (ANDHRA PRADESH).





**Meteorological Analysis (Based on 0830 hours IST)**

- The **low pressure area** over northwest Bay of Bengal & adjoining West Bengal-north Odisha coasts lay as a **Well-Marked Low Pressure Area** over the same region at 0830 IST of today 30<sup>th</sup> August, 2026. The associated cyclonic circulation extends upto 7.6 km above mean sea level. It is likely to move west-northwestwards across north Odisha-Gangetic west Bengal during next 24 hours.
- The **Monsoon trough** at mean sea level now passes through Amritsar, Muzaffarnagar, Hardoi, Gorakhpur, Patna, Bankura, centre of **Well Marked Low Pressure Area** over northwest Bay of Bengal & adjoining West Bengal-north Odisha coasts and thence southeastwards to Eastcentral Bay of Bengal.
- A **trough** runs from the cyclonic circulation associated with Well Marked Low Pressure Area over northwest Bay of Bengal & adjoining West Bengal-north Odisha coasts to northwest Uttar Pradesh across Jharkhand and Bihar between 0.9 & 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over Saurashtra & neighbourhood at 5.8 km above mean sea level.
- The **Western Disturbance** as a cyclonic circulation over north Pakistan & adjoining north Punjab now lies over north Pakistan & adjoining Jammu Division at 5.8 km above mean sea level.



### 30 August (Day 1)

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

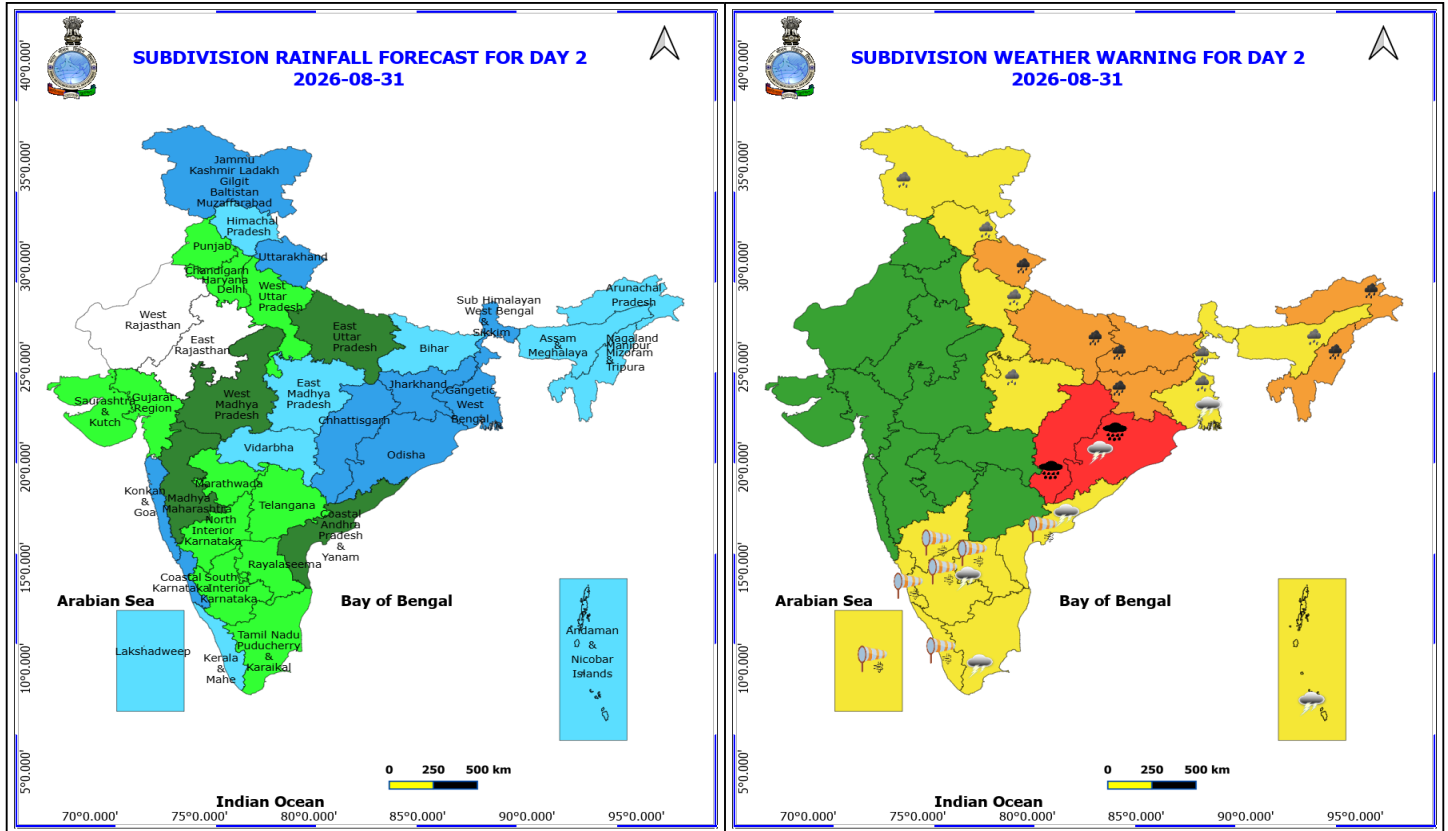
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- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail off south Tamil Nadu coast adjoining few parts of Gulf of Mannar, over few parts of southwest Bay of Bengal adjoining south Sri Lanka coast.
- ❖ **Squally Weather with wind speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of central adjoining north Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal, Odisha, North Andhra Pradesh, Bangladesh, north adjoining some parts of central Bay of Bengal and over Andaman Sea.



### 31 August (Day 2)

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

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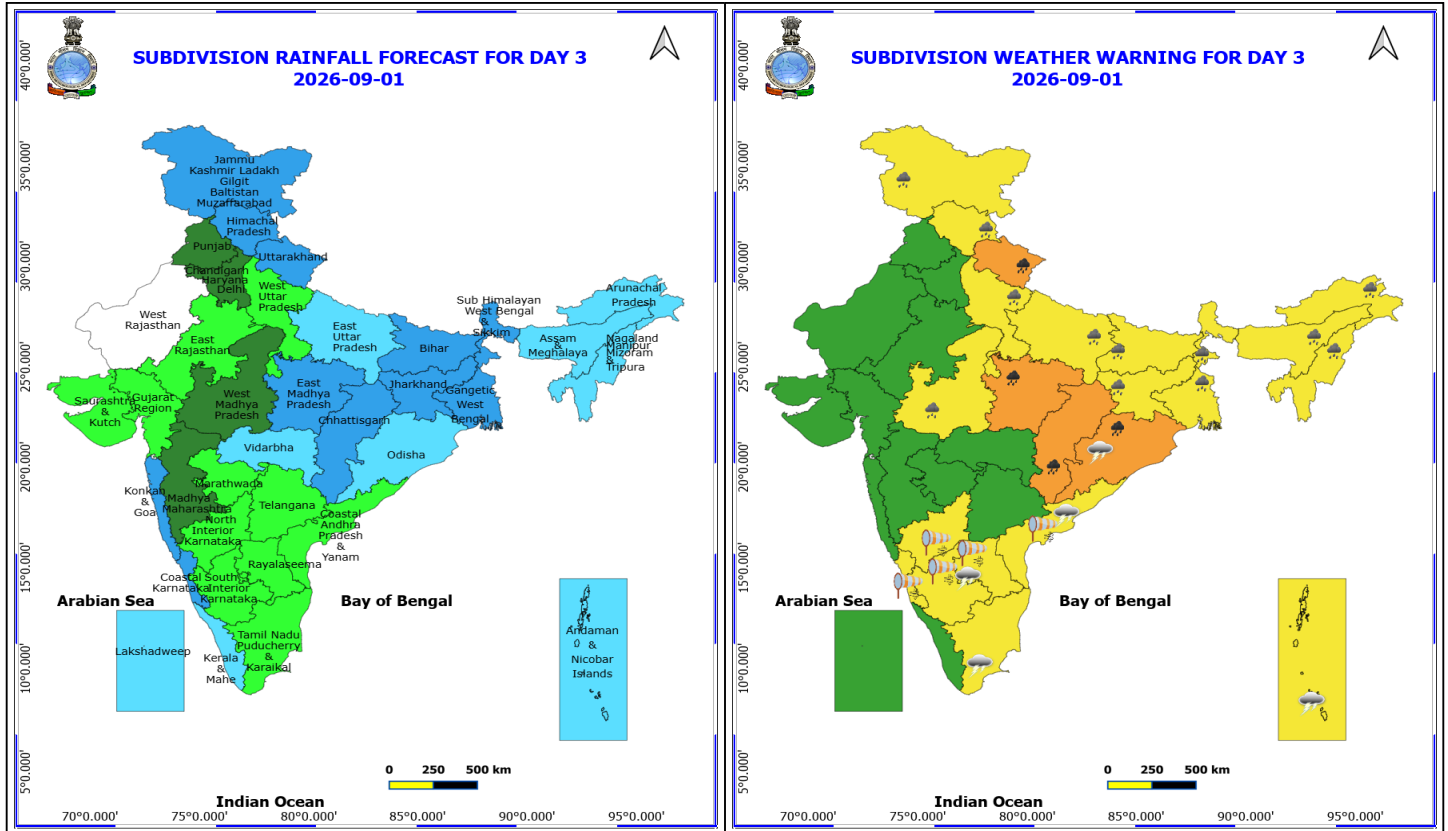
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- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail off south Tamil Nadu coast adjoining few parts of Gulf of Mannar and few parts of southwest Bay of Bengal adjoining south Sri Lanka coast.
- ❖ **Squally Weather with wind speed 45-55 kmph gusting to 65 kmph** is likely to prevail over some parts of central Bay of Bengal.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal, Odisha, North Andhra Pradesh, Bangladesh, north adjoining some parts of central Bay of Bengal and over Andaman Sea.



### 1 September (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, East Madhya Pradesh, Odisha and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Uttar Pradesh, 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, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Jharkhand, Karnataka and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttar Pradesh and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh and Karnataka.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia & Oman coasts, over many parts of westcentral adjoining some parts of southwest adjoining north & eastcentral Arabian Sea.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail off south Tamil Nadu coast, Gulf of Mannar adjoining Comorin area and few parts of southwest Bay of Bengal adjoining south Sri Lanka coast.

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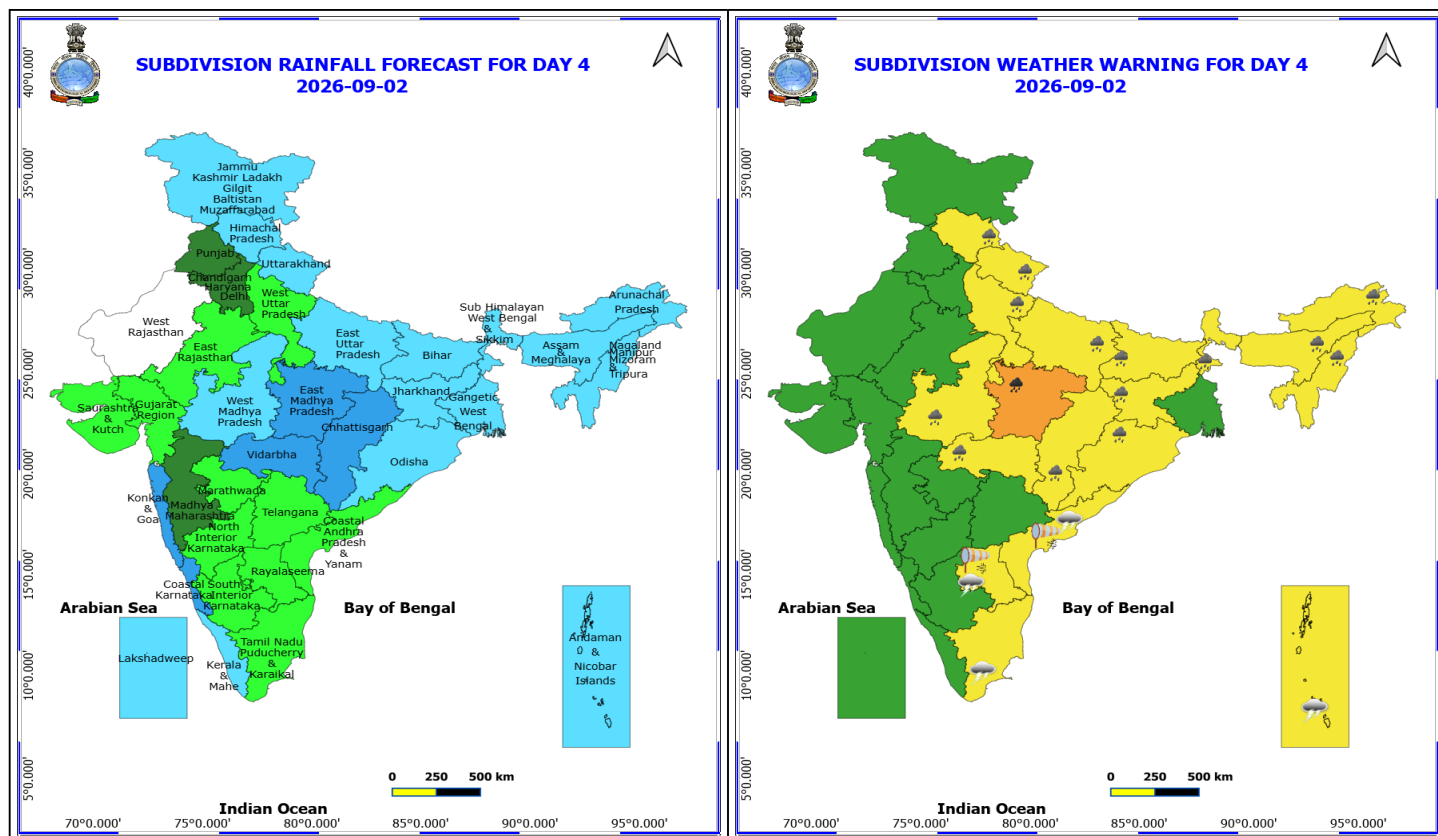
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❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea.



## 2 September (Day 4)

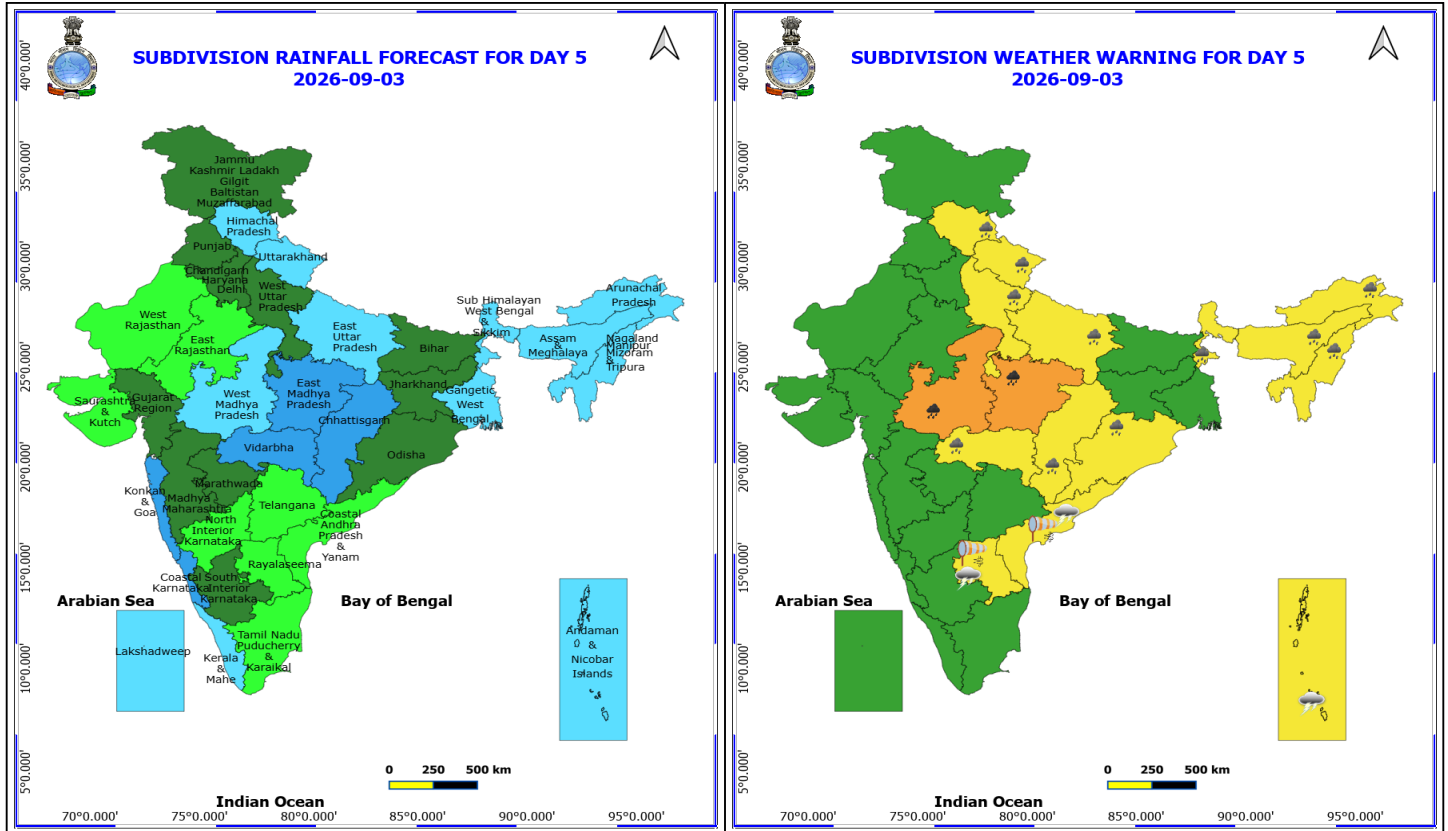
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over East Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Himachal Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal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

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### 3 September (Day 5)

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

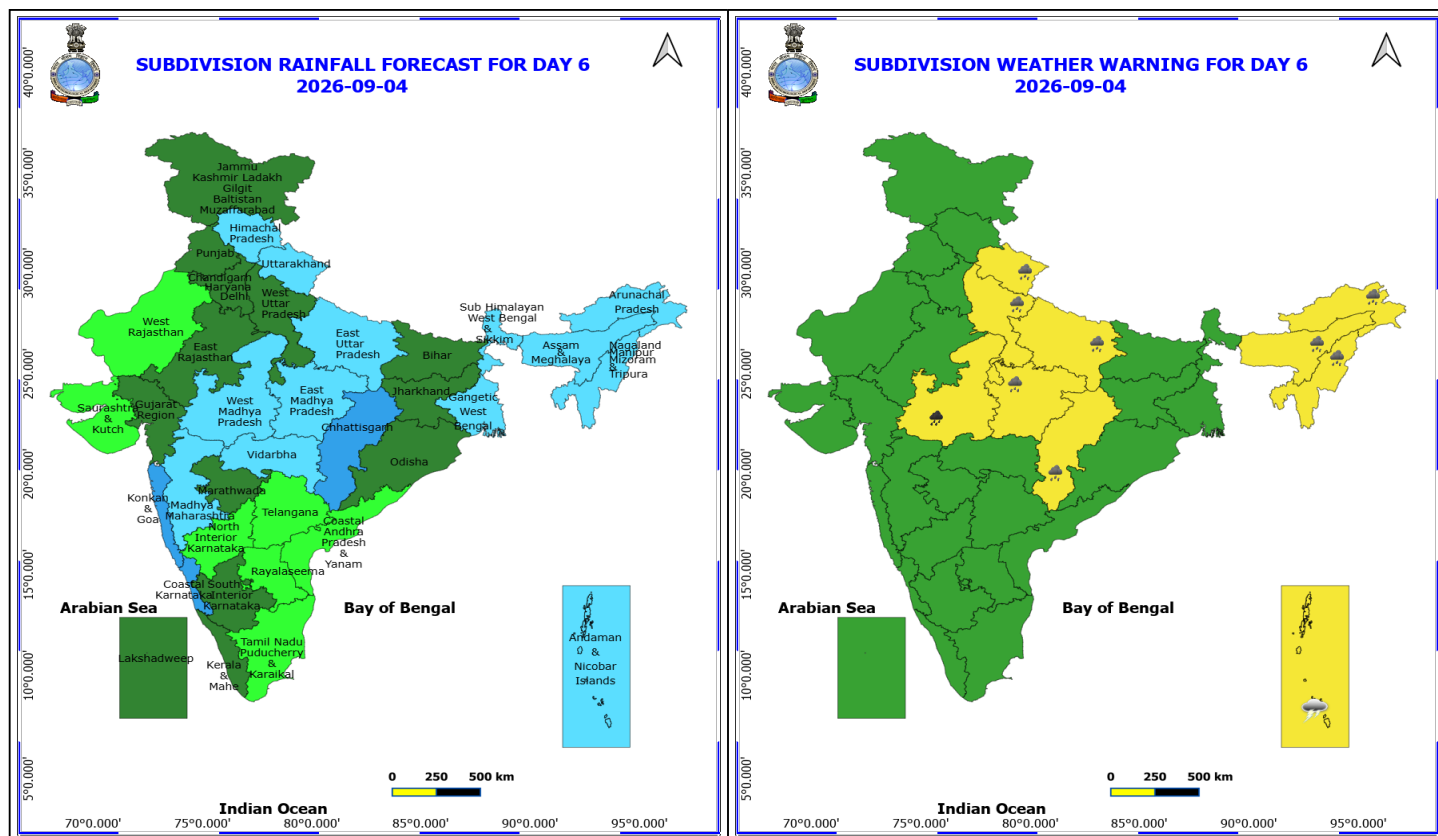
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#### 4 September (Day 6)

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

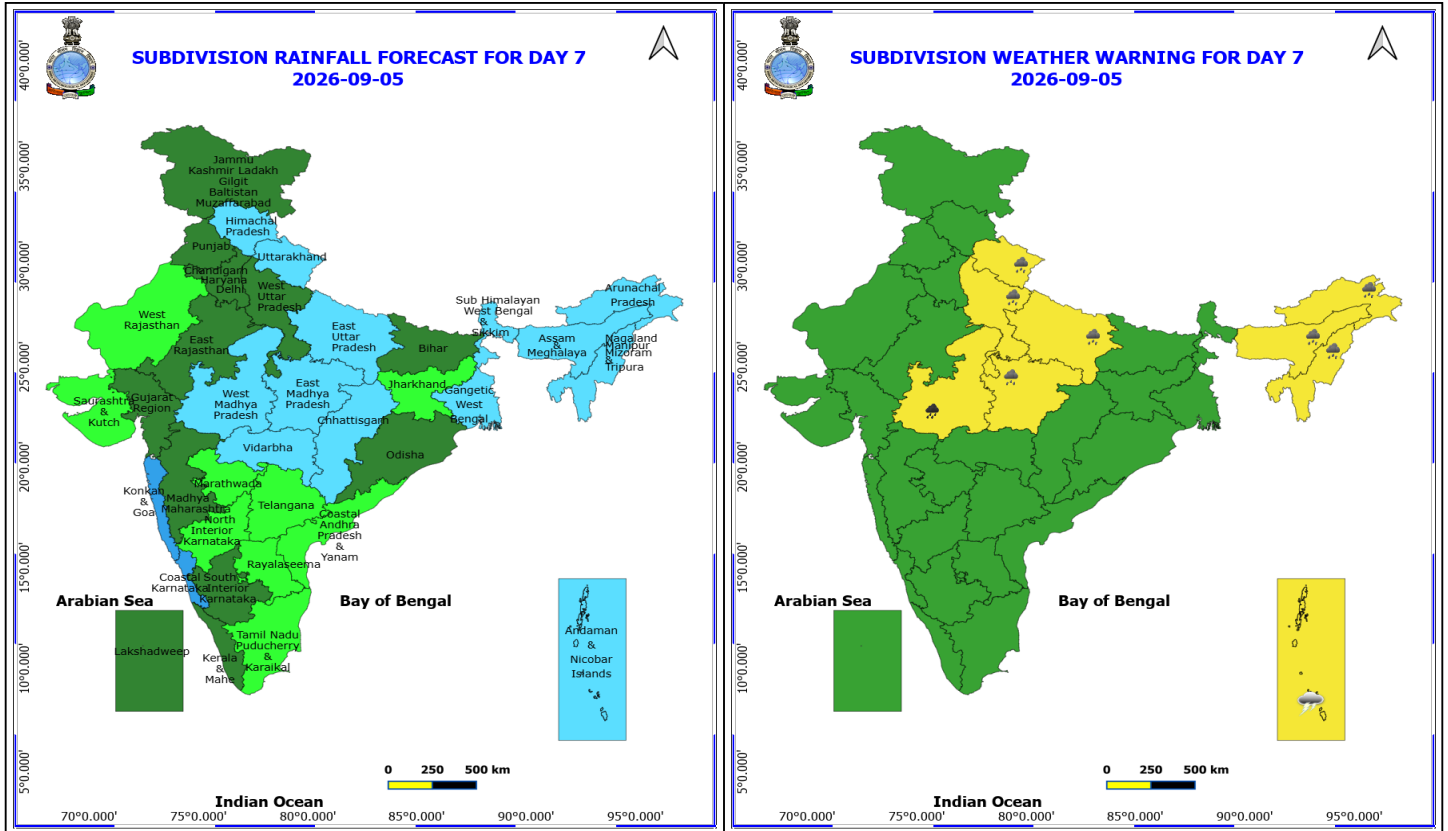
**No Fishermen Warning**

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## 5 September (Day 7)

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

**No Fishermen Warning**

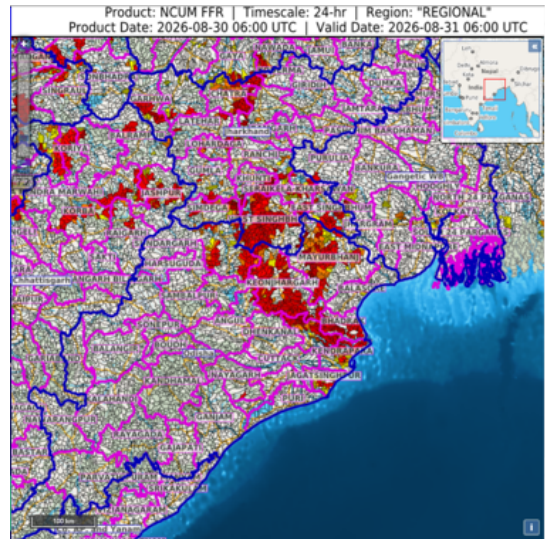
## Flash Flood Warnings

### 24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 31-08-2026 :

**Low to Moderate flash flood risk** likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.  
Odisha – Bahdrak, Balasore, Jajpur, Jagatsinghpur, Kendapara, Keonjhar, Mayurbhanj, and Sundargarh districts

**Chhattisgarh** – Raigarh, Balrampur, Surguja, Surajpur, Korba, Koriya, Jashpur district..  
**Jharkhand** - East Singhbhum, West Singhbhum Khunti, Simdega, Gumla, Lohargada, Latehar, Palamu, Hazaribag, Garhwa and Chatra, districts.

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

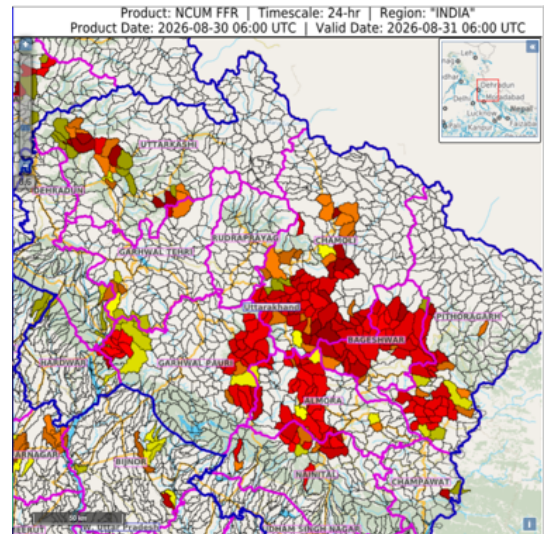


### 24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 31-08-2026 :

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

**Uttarakhand** - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nainital, Rudrapur, Tehri Garwal, Pauri Garhwal 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.



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**Table-1**

## 7 Days Rainfall Forecast

| S.No. | Subdivision                  | 30- Aug | 31- Aug | 1- Sep | 2- Sep | 3- Sep | 4- Sep | 5- Sep |
|-------|------------------------------|---------|---------|--------|--------|--------|--------|--------|
|       |                              | 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     | FWS    | FWS    | FWS    | FWS    | FWS    |
| 3     | ASSAM & MEHGHALAYA           | FWS     | FWS     | FWS    | FWS    | FWS    | FWS    | FWS    |
| 4     | N. M. M. & T.                | WS      | FWS     | FWS    | FWS    | FWS    | FWS    | FWS    |
| 5     | S.H. WEST BENGAL & SIKKIM    | FWS     | WS      | WS     | FWS    | FWS    | FWS    | FWS    |
| 6     | GANGETIC WEST BENGAL         | WS      | WS      | WS     | FWS    | FWS    | FWS    | FWS    |
| 7     | ODISHA                       | WS      | WS      | FWS    | FWS    | SCT    | SCT    | SCT    |
| 8     | JHARKHAND                    | WS      | WS      | WS     | FWS    | SCT    | SCT    | ISOL   |
| 9     | BIHAR                        | SCT     | FWS     | WS     | FWS    | SCT    | SCT    | SCT    |
| 10    | EAST UTTAR PRADESH           | SCT     | SCT     | FWS    | FWS    | FWS    | FWS    | FWS    |
| 11    | WEST UTTAR PRADESH           | ISOL    | ISOL    | ISOL   | ISOL   | SCT    | SCT    | SCT    |
| 12    | UTTARAKHAND                  | WS      | WS      | WS     | FWS    | FWS    | FWS    | FWS    |
| 13    | HARYANA, CHD & DELHI         | ISOL    | ISOL    | SCT    | SCT    | SCT    | SCT    | SCT    |
| 14    | PUNJAB                       | ISOL    | ISOL    | SCT    | SCT    | SCT    | SCT    | SCT    |
| 15    | HIMACHAL PRADESH             | SCT     | FWS     | WS     | FWS    | FWS    | FWS    | FWS    |
| 16    | JAMMU AND KASHMIR AND LADAKH | SCT     | WS      | WS     | FWS    | SCT    | SCT    | SCT    |
| 17    | WEST RAJASTHAN               | DRY     | DRY     | DRY    | DRY    | ISOL   | ISOL   | ISOL   |
| 18    | EAST RAJASTHAN               | DRY     | DRY     | ISOL   | ISOL   | ISOL   | SCT    | SCT    |
| 19    | WEST MADHYA PRADESH          | ISOL    | SCT     | SCT    | FWS    | FWS    | FWS    | FWS    |
| 20    | EAST MADHYA PRADESH          | FWS     | FWS     | WS     | WS     | WS     | FWS    | FWS    |
| 21    | GUJRAT REGION                | ISOL    | ISOL    | ISOL   | ISOL   | SCT    | SCT    | SCT    |
| 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    | FWS    | SCT    |
| 25    | MARATHWADA                   | ISOL    | ISOL    | ISOL   | ISOL   | SCT    | SCT    | ISOL   |
| 26    | VIDARBHA                     | FWS     | FWS     | FWS    | WS     | WS     | FWS    | FWS    |
| 27    | CHATTISGARH                  | WS      | WS      | WS     | WS     | WS     | WS     | FWS    |
| 28    | COASTAL ANDHRA PRADESH       | SCT     | SCT     | ISOL   | ISOL   | ISOL   | ISOL   | ISOL   |
| 29    | TELANGANA                    | SCT     | 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      | WS     | WS     | WS     | WS     | WS     |
| 33    | NORTH INTERIOR KARNATAKA     | ISOL    | ISOL    | ISOL   | ISOL   | ISOL   | ISOL   | ISOL   |
| 34    | SOUTH INTERIOR KARNATAKA     | ISOL    | ISOL    | ISOL   | ISOL   | SCT    | SCT    | SCT    |
| 35    | KERALA                       | WS      | FWS     | FWS    | FWS    | FWS    | SCT    | SCT    |
| 36    | LAKSHDWEEP                   | WS      | FWS     | FWS    | FWS    | FWS    | SCT    | SCT    |

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

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Fig. 1: Maximum Temperatures Dated 2026-08-29

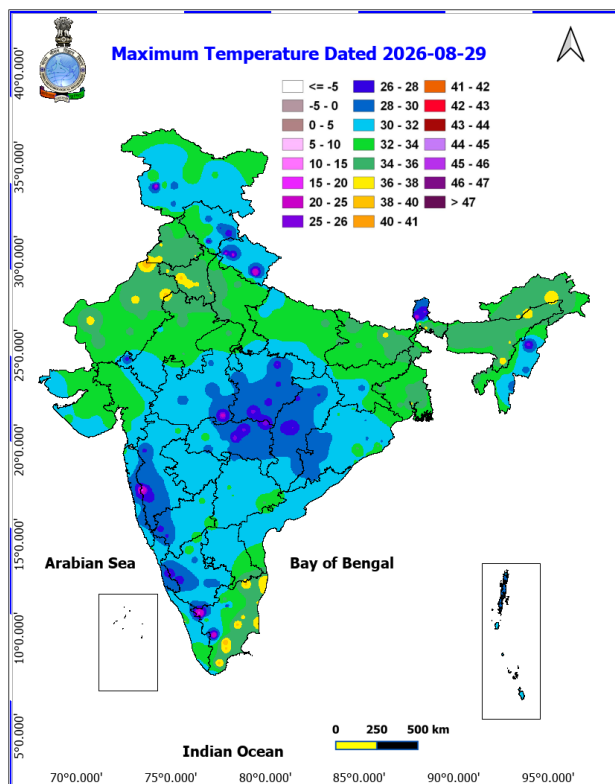


Fig. 2: Departure of Maximum Temp. Dated 2026-08-29

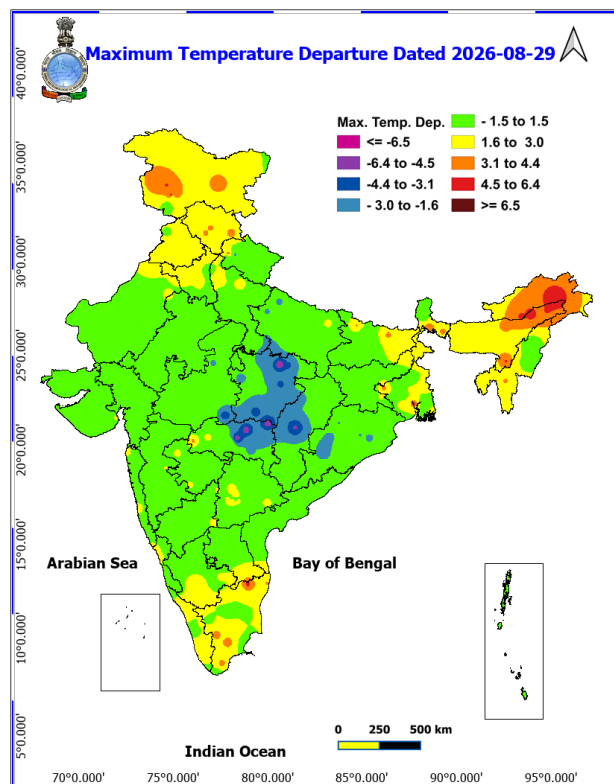


Fig. 3: Minimum Temperatures Dated 2026-08-30

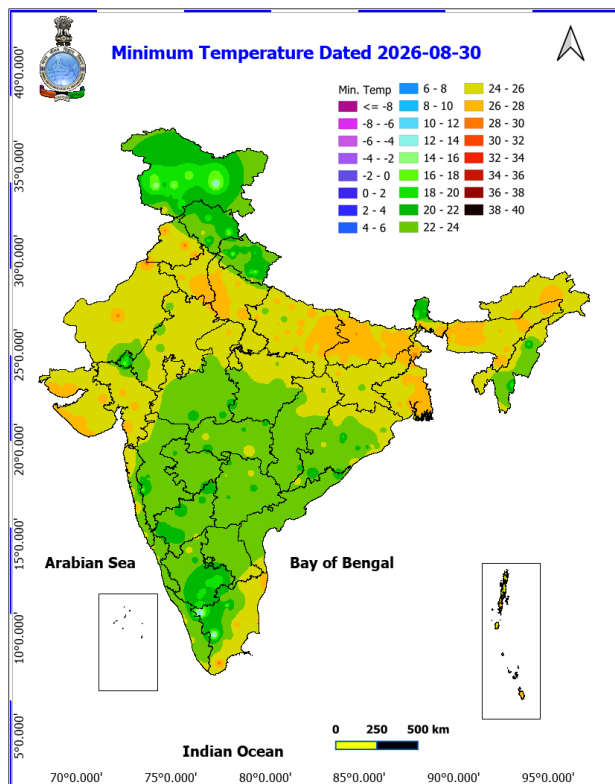
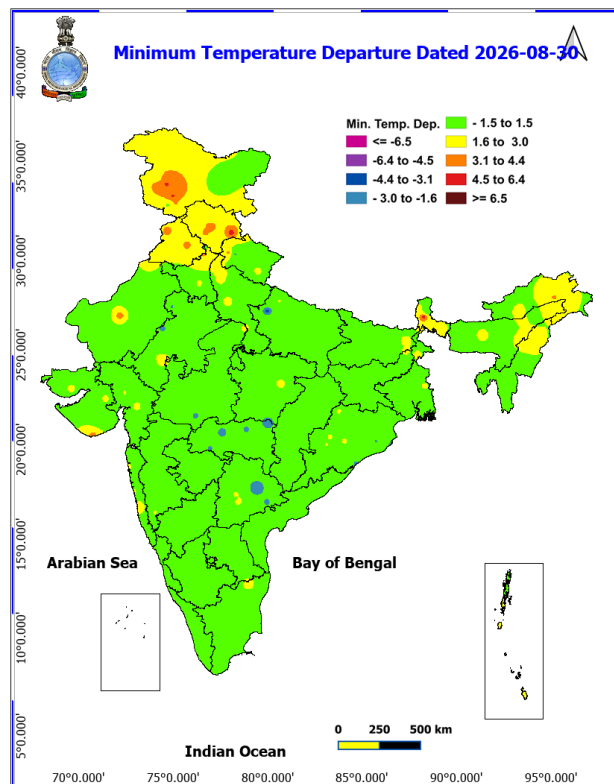
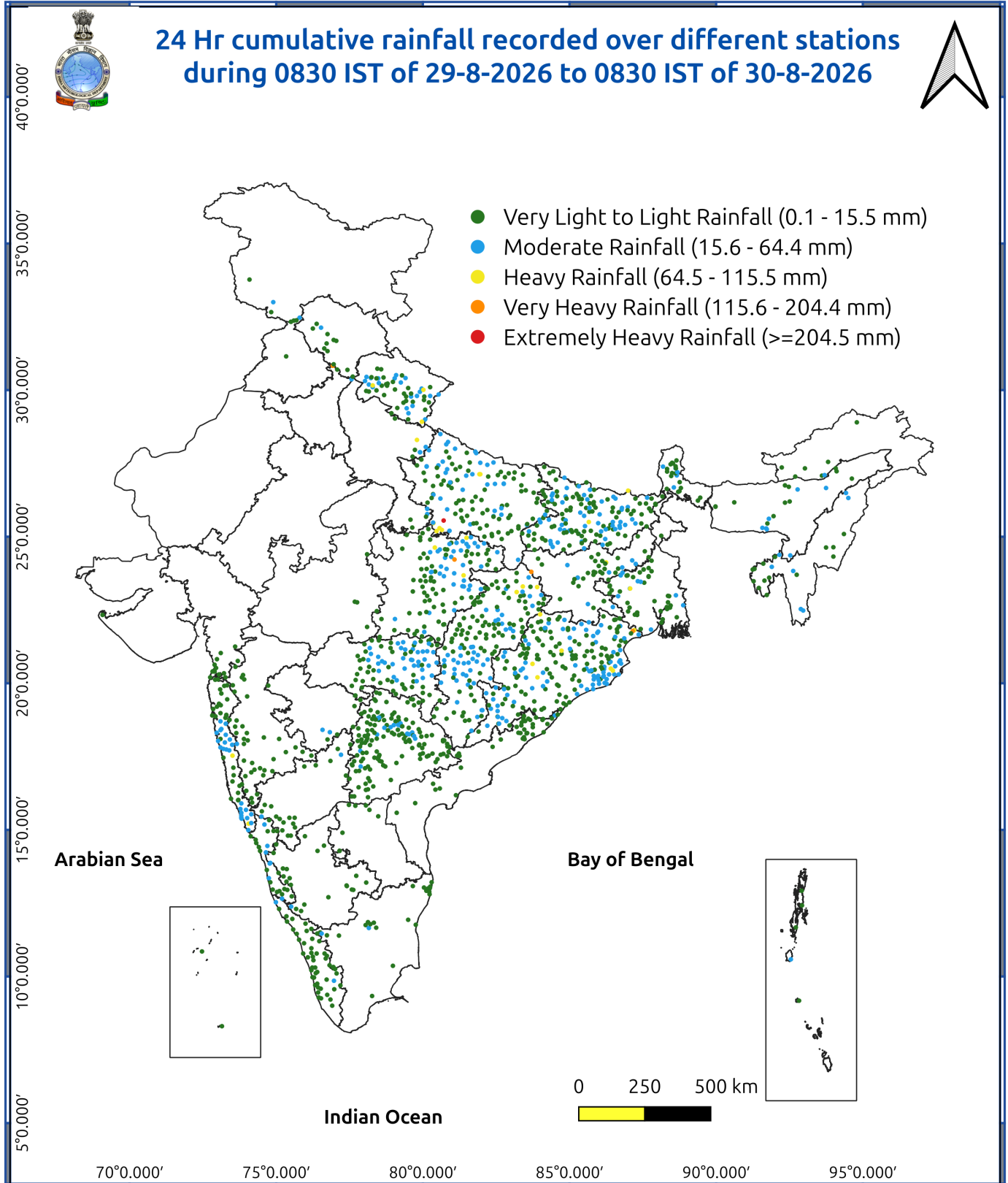


Fig. 4: Departure of Minimum Temp. Dated 2026-08-30







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## Impact and Actions

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

- **Isolated extremely heavy rainfall likely over** Odisha on 30th & 31st and over Chhattisgarh on 31st August;
- **Isolated very heavy rainfall likely over** Uttarakhand during 30th August-1st September; East Uttar Pradesh on 31st August; over West Madhya Pradesh during 3rd-5th September; East Madhya Pradesh during 1st-3rd September; Chhattisgarh on 30th August and on 1st September; over Gangetic West Bengal on 30th August; Jharkhand during 30th-31st August; Bihar on 31st August; Odisha on 1st September; over Arunachal Pradesh on 31st August; Assam & Meghalaya on 30th August; Nagaland, Manipur, Mizoram & Tripura during 30th-31st August.

### Impact expected:

- Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds and rain.
- Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- Loose objects may fly.
- Small ships, trawlers and boats may be affected.
- Road and rail traffic may be affected due to heavy rain and squally winds.
- There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Helicopter services may get affected.

### Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Take safe shelters; do not take shelter under trees, as there could be lightning.
- In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- Tourism and recreational activities to be regulated.
- Onshore and offshore activities to be judiciously regulated.
- Helicopter services to be regulated.

## Agromet advisories for various parts of the country

### Agromet advisories for likely impact of Heavy Rainfall

- In **Odisha**, drain out excess water from rice, maize, pulses, cotton, pigeon pea, vegetables and nursery beds; keep drainage channels and outlets clear. Postpone sowing, fertilizer application and intercultural operations in waterlogged fields until the soil becomes workable.
- In **Jharkhand**, ensure proper drainage in all crops and protect vegetable seedlings from heavy rainfall. Keep harvested produce in safe and dry places.
- In **Chhattisgarh**, drain out excess rain water and ensure proper 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 **Bihar**, maintain proper drainage in standing crops and avoid field operations under excessively wet conditions. Maintain appropriate standing water in transplanted rice while avoiding prolonged stagnation.
- In **West Bengal**, keep drainage channels clear in rice, groundnut, vegetable fields and orchards. Protect vegetable seedlings from heavy rain, improve drainage around cucurbits and avoid nitrogen application during wet conditions.
- In **Uttarakhand**, maintain proper drainage in the field of sugarcane, soybean, kidney bean, green gram, black

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gram, other standing crop fields and vegetables. Keep drainage channels clear and provide support to tall crops and vegetables to prevent lodging.

- In **Arunachal Pradesh**, maintain proper drainage in rice, maize, finger millet, soybean, cowpea, vegetables and orchards to remove excess water. Keep millet fields well drained during panicle initiation and flowering and monitor crops for pest and disease incidence.
- In **Assam** and **Meghalaya**, maintain proper drainage in crop fields and postpone fertilizer and plant-protection applications during rainfall. Continue sowing of pigeon pea, green gram and sesame only where field conditions are suitable and harvest jute at the small-pod stage.
- In **Nagaland**, maintain 3-5 cm water level in wet rice fields and harvest mature maize cobs during suitable weather.
- In **Manipur**, harvest colocasia and mature ginger during rain-free periods and ensure proper drainage in ginger fields.
- In **Mizoram**, prepare fields for sowing black gram, green gram, soybean, sesame and lentil after maize harvest. Ensure drainage in ginger fields and prevent water stagnation to minimise soft-rot and rhizome-rot incidence.
- In **Tripura**, maintain adequate soil moisture in *Aus* rice during panicle initiation and booting, while ensuring drainage in low-lying groundnut fields to prevent stagnation.
- In **Uttar Pradesh**, ensure proper drainage in standing crop fields and postpone irrigation, intercultural operations, fertilizer and plant-protection applications during wet conditions. Provide staking/support to young plants, vegetables and horticultural crops.
- In **East Madhya Pradesh**, ensure proper drainage in soybean, cotton, maize and sugarcane fields to prevent waterlogging; postpone vegetable transplanting and provide support to young fruit plants. Undertake propping in sugarcane to minimise lodging.
- In **Madhya Maharashtra**, in *Ghat areas*, maintain effective drainage from rice, finger millet and vegetable fields.

#### Agromet advisories for likely impact of Thunderstorm / Gusty Winds

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

#### 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:

- **Heavy Rain:** 64.5-115.5mm; **Very Heavy Rain:** 115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; **Automatic Weather Station;** **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- **Region wise classification of meteorological Sub-Divisions:**
- **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior

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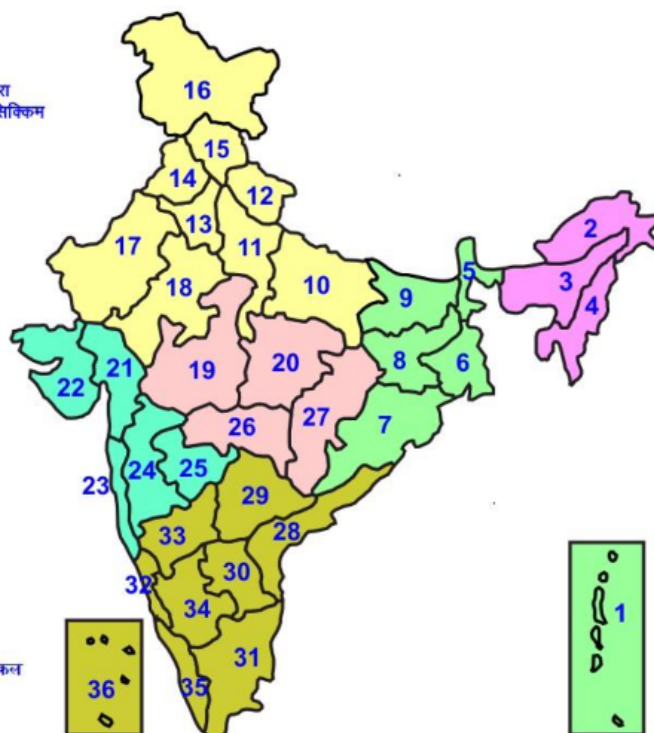


Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.



## LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. 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

|                               |
|-------------------------------|
| <b>WARNING (TAKE ACTION)</b>  |
| <b>ALERT (BE PREPARED)</b>    |
| <b>WATCH (BE UPDATED)</b>     |
| <b>NO WARNING (NO ACTION)</b> |

### 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  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $40^{\circ}\text{C}$

Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
Severe Cold Day: Maximum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$



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

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



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



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



Ice deposits on ground

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



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

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



Effect of various waves in the sea over specific area

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



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

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

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