

2026-08-13

Time of Issue: 13:31:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Northwest India:

Fairly Widespread to Widespread rainfall likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 13th-19th August.

Fairly Widespread to Widespread rainfall likely over Punjab during 14th-15th August; Haryana Chandigarh & Delhi during 14th-15th August and on 17th August; West Uttar Pradesh during 15th-16th August; East Uttar Pradesh during 14th-18th August; East Rajasthan on 13th August.

Isolated to Scattered rainfall likely over rest parts of northwest India.

Isolated **thunderstorm & lightning** likely over Uttarakhand during 13th-19th August; West Uttar Pradesh during 14th-15th August; East Uttar Pradesh during 13th-15th August.

Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 13th-14th August and during 16th-19th August; Himachal Pradesh on 13th August, during 15th-16th August and on 19th August; Uttarakhand on 13th August, on 15th August and during 18th-19th August; Punjab during 13th-19th August; Haryana Chandigarh & Delhi during 14th-19th August; West Uttar Pradesh during 14th-18th August; East Uttar Pradesh during 13th-18th August; West Rajasthan on 13th August; East Rajasthan during 13th-14th August with isolated **very heavy rainfall** also likely over Himachal Pradesh on 14th August and during 17th-18th August; Uttarakhand on 14th August and during 16th-17th August.

Central India:

Isolated to Scattered rainfall likely over West Madhya Pradesh during 13th-14th August and during 18th-19th August; Vidarbha on 19th August.

Fairly Widespread to Widespread rainfall likely over West Madhya Pradesh during 15th-17th August; Chhattisgarh and East Madhya Pradesh during 13th-19th August; Vidarbha during 13th-18th August.

Isolated **thunderstorm & lightning** likely over Vidarbha during 13th-15th August; Chhattisgarh during 13th-17th August.

Isolated **heavy rainfall** likely over West Madhya Pradesh during 13th-15th August; East Madhya Pradesh during 13th-14th August and on 18th August; Vidarbha during 14th-16th August; Chhattisgarh during 13th-14th August and during 16th-17th August with isolated **very heavy rainfall** also likely over West Madhya Pradesh during 16th-17th August; East Madhya Pradesh during 15th-17th August; Chhattisgarh on 15th August.

Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Chhattisgarh on 13th and 14th August.

East India:

Fairly Widespread to Widespread rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 13th-19th August; Bihar during 17th-18th August; Odisha during 13th-15th August.

Isolated to Scattered rainfall likely over Bihar during 13th-16th August and on 19th August; Odisha during 16th-19th August.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over

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Andaman & Nicobar Islands during 14th-19th August; Gangetic West Bengal on 14th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 13th-16th August; Gangetic West Bengal during 15th-16th August; Jharkhand and Odisha during 13th-17th August.

Isolated **thunderstorm & lightning** likely over Bihar during 13th-17th August.

Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 13th-14th August; Gangetic West Bengal on 13th August and on 15th August; Jharkhand and Odisha on 13th August and during 15th-17th August; Bihar during 17th-18th August with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 15th-16th August; Gangetic West Bengal, Jharkhand and Odisha on 14th August.

Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over Andaman & Nicobar Islands and Gangetic West Bengal on 13th August.

Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Gangetic West Bengal, Jharkhand and Odisha on 13th August.

Moderate to severe lightning activity over Jharkhand and Odisha on 13th August.

Northeast India:

Fairly Widespread to Widespread rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-19th August.

Isolated **thunderstorm & lightning** likely over Arunachal Pradesh and Assam & Meghalaya during 13th-17th August; Nagaland, Manipur, Mizoram & Tripura during 13th-16th August.

Isolated **heavy rainfall** likely over Arunachal Pradesh during 13th-14th August and during 18th-19th August; Assam & Meghalaya during 13th-19th August; Nagaland, Manipur, Mizoram & Tripura during 13th-16th August and on 19th August with isolated **very heavy rainfall** also likely over Arunachal Pradesh during 15th-17th August.

West India:

Fairly Widespread to Widespread rainfall likely over Konkan & Goa during 13th-19th August; Madhya Maharashtra during 13th-15th August; Gujarat Region during 13th-14th August.

Isolated to Scattered rainfall likely over Madhya Maharashtra during 16th-19th August; Marathwada and Saurashtra & Kutch during 13th-19th August; Gujarat Region during 15th-19th August.

Isolated **thunderstorm & lightning** likely over Gujarat Region and Saurashtra & Kutch during 13th-14th August.

Isolated **heavy rainfall** likely over Konkan & Goa during 13th-15th August; Madhya Maharashtra during 13th-16th August; Gujarat Region on 13th 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 13th-19th August; Kerala & Mahe and Lakshadweep during 18th-19th August.

Fairly Widespread to Widespread rainfall likely over Kerala & Mahe and Lakshadweep during 13th-17th August; Coastal Karnataka during 13th-19th August.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 13th-15th August; North Interior Karnataka and South Interior Karnataka during 13th-14th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 13th-17th August, **with gusty**

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winds (speed reaching 30-40 kmph gusting to 50 kmph) likely over Coastal Karnataka and Kerala & Mahe during 13th-14th August; Lakshadweep during 13th-15th August; Telangana during 13th-16th August.

Isolated **heavy rainfall** likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal during 13th-14th August.

Strong Surface Winds likely over Coastal Karnataka, Kerala & Mahe, North Interior Karnataka and South Interior Karnataka during 13th-14th August; Lakshadweep during 13th-15th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 13th-17th August; Telangana during 13th-16th August.

Wind Warning:

Squally winds with speed reaching 45-55 kmph gusting to 65 kmph are likely to prevail over Northwest Bay of Bengal & adjoining Odisha-West Bengal-north Andhra Pradesh coasts till morning of 14th August. It would become 40-50 kmph gusting to 60 kmph from 14th morning till 15th morning and decrease gradually thereafter.

Squally winds with speed reaching 35-45 kmph gusting to 55 kmph are likely over coastal West Bengal till mid-night of 13th August and over southeast Jharkhand and adjoining areas of north interior Odisha & north Chhattisgarh from 14th morning till 15th morning.

Sea Condition:

Sea condition is very likely to be rough over northwest Bay of Bengal, along & off West Bengal, Odisha, and north Andhra Pradesh coasts till 15th morning and improve gradually thereafter.

Fishermen Warning

Fishermen are advised not to venture into northwest Bay of Bengal, along & off West Bengal, Odisha, and north Andhra Pradesh coasts till 15th morning.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Gangetic West Bengal, East Rajasthan, Gujarat Region, Konkan & Goa, Vidarbha, Coastal Karnataka, Kerala & Mahe and Lakshadweep; **at many places** over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, West Rajasthan, West Madhya Pradesh, Madhya Maharashtra, North Interior Karnataka and South Interior Karnataka; **at a few places** over Arunachal Pradesh, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Jharkhand, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, East Madhya Pradesh, Saurashtra & Kutch, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Telangana; **at isolated places** over Bihar, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, 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): **Gangetic West Bengal**: Durgachack (dist East Midnapore) 24; Contai (dist East Midnapore) 20; Canning (dist South 24 Parganas) 15; Sagar Island PTO (dist South 24 Parganas) 11; Digha (dist East Midnapore), Diamond Harbour (dist South 24 Parganas) 8 Each; Amfu Kharagpur (dist West Midnapore) 7; Amfu Kakdwip (dist South 24 Parganas) 6; **Jharkhand**: Majhgaoon (dist West Singhbhum) 18; Kumardungi (dist West Singhbhum) 13; Manjhari (dist West Singhbhum), Hatgamharia (dist West Singhbhum) 9 Each; **East Rajasthan**: Salumber (dist Udaipur), Mandalgarh (dist Bhilwara) 14 Each; Jhadol SR (dist Udaipur), Vallabhnagar (dist Udaipur) 12 Each; Sarara (dist Udaipur), Veja SR (dist Dungarpur), Kotda SR (dist Udaipur) 11 Each; Sarwar (dist Ajmer) 9; Aspuri (dist Dungarpur), Ganeshpur SR (dist Dungarpur), Loharia (dist Banswara), Badesar SR (dist Chittorgarh) 8 Each; Shahpura SR (dist Jaipur), Kapasan SR (dist Chittorgarh), Sagwara (dist Dungarpur) 7 Each; Sabla SR (dist Dungarpur), Dhariabad (dist Pratapgarh), Malpura (dist Tonk), Gogunda SR (dist Udaipur), Nithuwa SR (dist Dungarpur), Galiakot SR (dist Dungarpur) 6 Each; **West Madhya Pradesh**: Sehore-aws (dist Sehore) 11; Shujalpur (dist Shajapur), Kalapipal (dist Shajapur), Warla (dist Barwani) 6 Each; **Gujarat Region**: Dharoi Colony (dist Mehsana) 10; Khedbrahma (dist Sabarkantha), Vadgam (dist Banaskantha) 8 Each; Vadali (dist Sabarkantha) 7; Danta (dist Banaskantha), Kadana (dist Mahisagar), Satlasana (dist Mehsana) 6 Each; **Konkan & Goa**: Mhasla (dist Raigad) 9; Mangaon (dist Raigad) 7; Poladpur (dist Raigad) 6; **Coastal Karnataka**: Nilkund (dist Uttara Kannada) 9; Dharmasthala (dist Dakshina Kannada) 6; **West Rajasthan**: Jaitran (dist Pali) 7; Nagaur Tehsil SR (dist Nagaur), Dungargarh (dist Bikaner) 6 Each; **Tamil Nadu, Puducherry & Karaikal**: Dharmapuri PTO (dist Dharmapuri) 7; **East Madhya Pradesh**: Malthone (dist Sagar) 7; Ghansore (dist Seoni) 6; **West Uttar Pradesh**: Khairagarh (dist Agra) 7; Pali (dist Lalitpur), Jalesar (dist Etah) 6 Each; **South Interior Karnataka**: Sampaje (dist Kodagu) 6; **Kerala & Mahe**: Neryamangalam ARG (dist Ernakulam), Aralam AWS (dist Cannur) 6 Each; **Madhya Maharashtra**: Gaganbawada (dist Kolhapur) 6; **Nagaland, Manipur, Mizoram & Tripura**: Ashapara AWS (dist North Tripura) 6; **Assam & Meghalaya**: Mawkyrwat (dist South West Khasi Hills) 6.

❖ **Extremely heavy rainfall (?21 cm)** has been recorded over Gangetic West Bengal and Odisha.

❖ **Very Heavy rainfall (12-20 cm)** has been recorded over Jharkhand, East Rajasthan

❖ **Heavy rainfall (7-11 cm)** has been recorded over West Uttar Pradesh, West Rajasthan, Madhya Pradesh, Konkan, Madhya Maharashtra, Tamil Nadu, Coastal Karnataka, Meghalaya

❖ **Minimum Temperature Departures (as on 13-08-2026): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Madhya Pradesh and East Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Bihar, Punjab, East Madhya Pradesh and Saurashtra & Kutch; at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Chhattisgarh; at most places over Arunachal Pradesh; at few places over Andaman & Nicobar Islands, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Punjab, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Rayalaseema and Kerala & Mahe; at isolated places over Gangetic West Bengal, Odisha, Haryana-Chandigarh-Delhi, East Rajasthan, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Vidarbha, Telangana and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over

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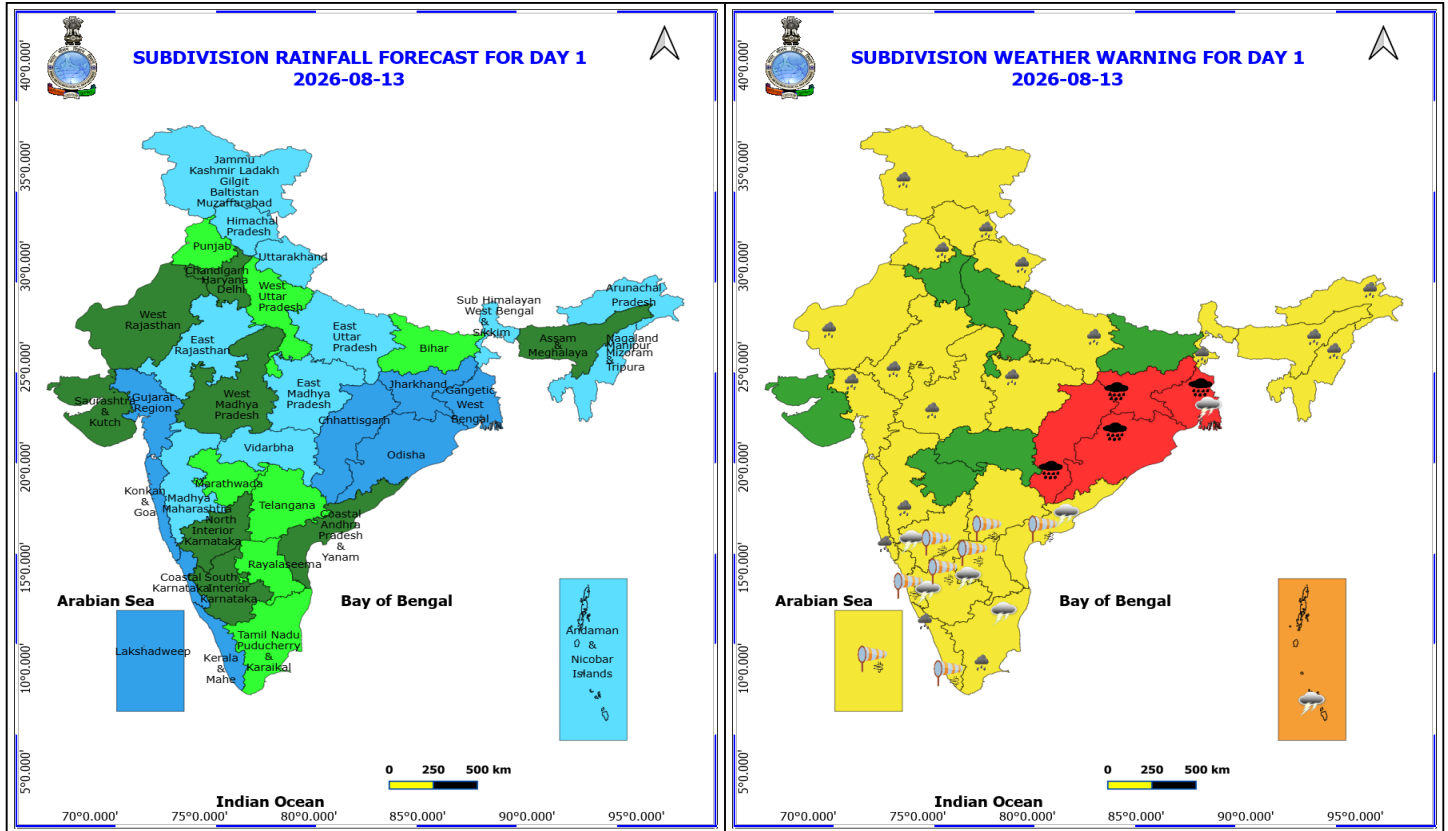
Gangetic West Bengal, Odisha, Haryana-Chandigarh-Delhi, West Rajasthan, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka and Kerala & Mahe; at most places over Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Madhya Maharashtra, Marathwada, Telangana, North Interior Karnataka, South Interior Karnataka and Lakshadweep; at few places over Andaman & Nicobar Islands, Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, West Uttar Pradesh, Punjab, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Chhattisgarh and Coastal Andhra Pradesh & Yanam; at isolated places over Bihar, Uttarakhand and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad. **The lowest minimum temperature** of 16.6°C was reported at KHARGONE-OBS (MADHYA PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 12-08-2026):** **markedly above normal(> 5.1°C)** at many places over Himachal Pradesh; at most places over Arunachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at few places over Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim. **appreciably above normal(3.1°C to 5.0°C)** at few places over Uttarakhand and Punjab; at isolated places over Bihar and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over Nagaland, Manipur, Mizoram & Tripura; at isolated places over West Uttar Pradesh, Haryana-Chandigarh-Delhi and West Rajasthan. **near normal(-1.5°C to 1.5°C)** at few places over Gangetic West Bengal, Odisha, East Uttar Pradesh, Coastal Andhra Pradesh & Yanam and Lakshadweep; at isolated places over Andaman & Nicobar Islands, East Rajasthan, Saurashtra & Kutch, Konkan & Goa, Telangana and Kerala & Mahe. **The highest maximum temperature** of 39.7°C was reported at TIRUCHIRAPALLI (A) (TAMIL NADU).



Meteorological Analysis (Based on 0830 hours IST)

- The **well marked low pressure** area over coastal West Bengal and adjoining areas of Bangladesh & northwest Bay of Bengal, moved northwestwards, concentrated into a **Depression** and lay centred at 0830 hrs IST of today, the 13th August, 2026, over coastal West Bengal near latitude 22.3°N and longitude 88.6°E, close to northwest of Canning (West Bengal), about 40 km southeast of Kolkata (West Bengal), 130 km east of Medinipur (West Bengal), 190 km east-northeast of Baripada (Odisha) and 260 km east-southeast of Jamshedpur (Jharkhand). It is very likely to move nearly northwestwards across Gangetic West Bengal and Jharkhand during next 24 hours.
- The **upper air cyclonic circulation** over northwest Madhya Pradesh & neighbourhood extending upto 5.8 km above mean sea level and tilting southwards with height persists.
- The **Monsoon trough** at mean sea level now passes through Firozpur, Muzaffar Nagar, Barabanki, Dehri, centre of **Depression** over coastal West Bengal and adjoining areas of Bangladesh & Northwest Bay of Bengal and extends upto 1.5 km above mean sea level.
- The **Shear Zone** roughly along Lat. 22°N across central & adjoining north Peninsular India between 3.1 & 7.6 km above mean sea level tilting southwards with height persists.
- The **Western Disturbance** as a trough in middle and upper tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 68°E to the north of Lat. 30°N persists.
- The **upper air cyclonic circulation** over south Haryana & neighbourhood persists and now seen at 0.9 km above mean sea level.



13 August (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Chhattisgarh, Gangetic West Bengal, Jharkhand and Odisha.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Uttar Pradesh, Gujarat Region, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Rajasthan, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andaman & Nicobar Islands and Gangetic West Bengal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh, Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Coastal Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Lakshadweep, Madhya Pradesh, Odisha, Rajasthan, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Uttar Pradesh, Gujarat State, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Karnataka, Kerala & Mahe, Lakshadweep and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off

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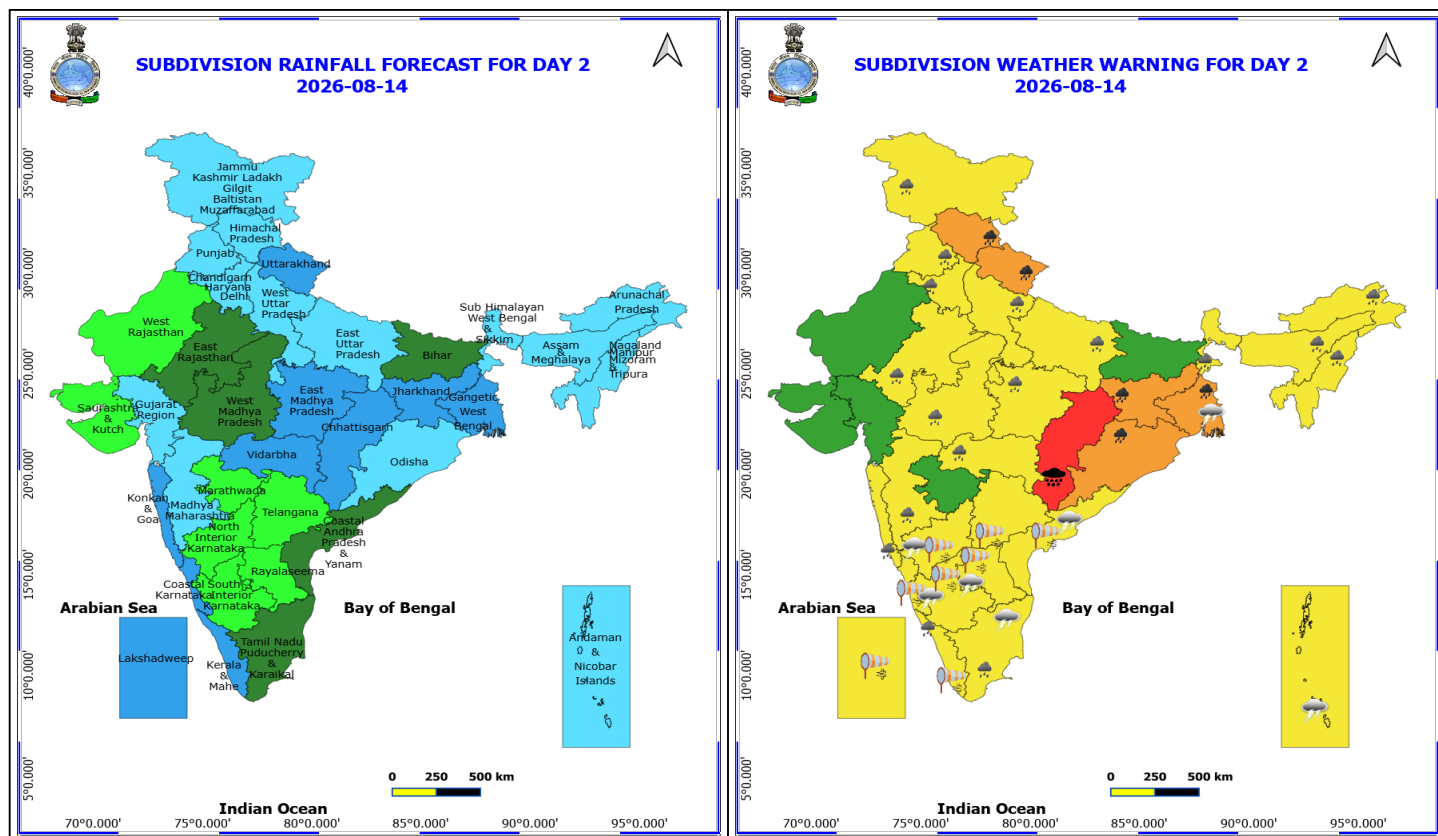
Somalia and Oman coast, most parts of westcentral adjoining some parts of southwest and few parts of northwest & eastcentral Arabian Sea

❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off north Maharashtra coast adjoining eastcentral Arabian Sea.

❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area..

❖ **Squally Weather with wind speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off West Bengal, Odisha and Bangladesh coasts adjoining many parts of north Bay of Bengal.

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



14 August (Day 2)

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

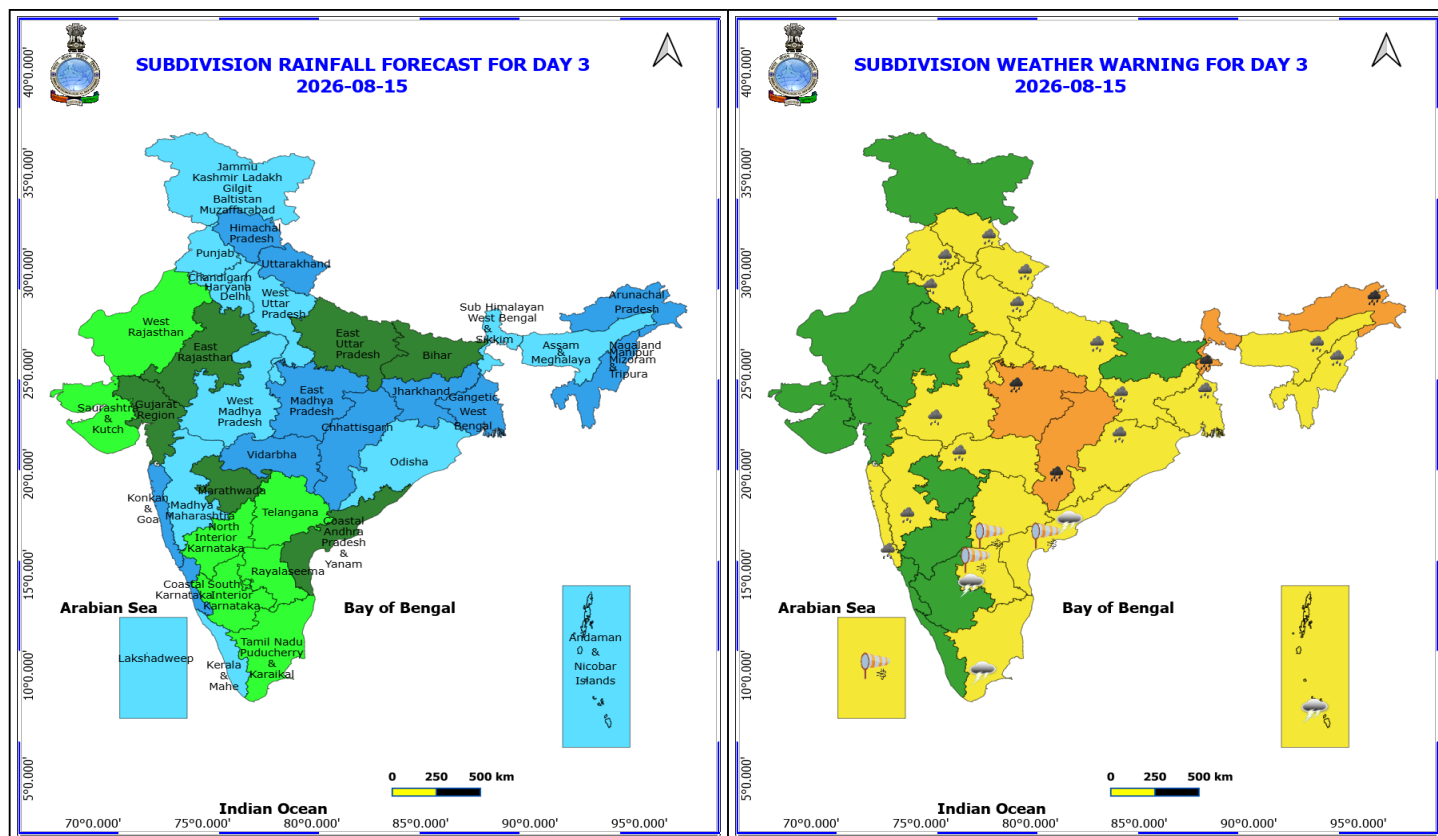
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- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia and Oman coast, most parts of westcentral adjoining some parts of southwest and few parts of north & eastcentral Arabian Sea
- ❖ **Squally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



15 August (Day 3)

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

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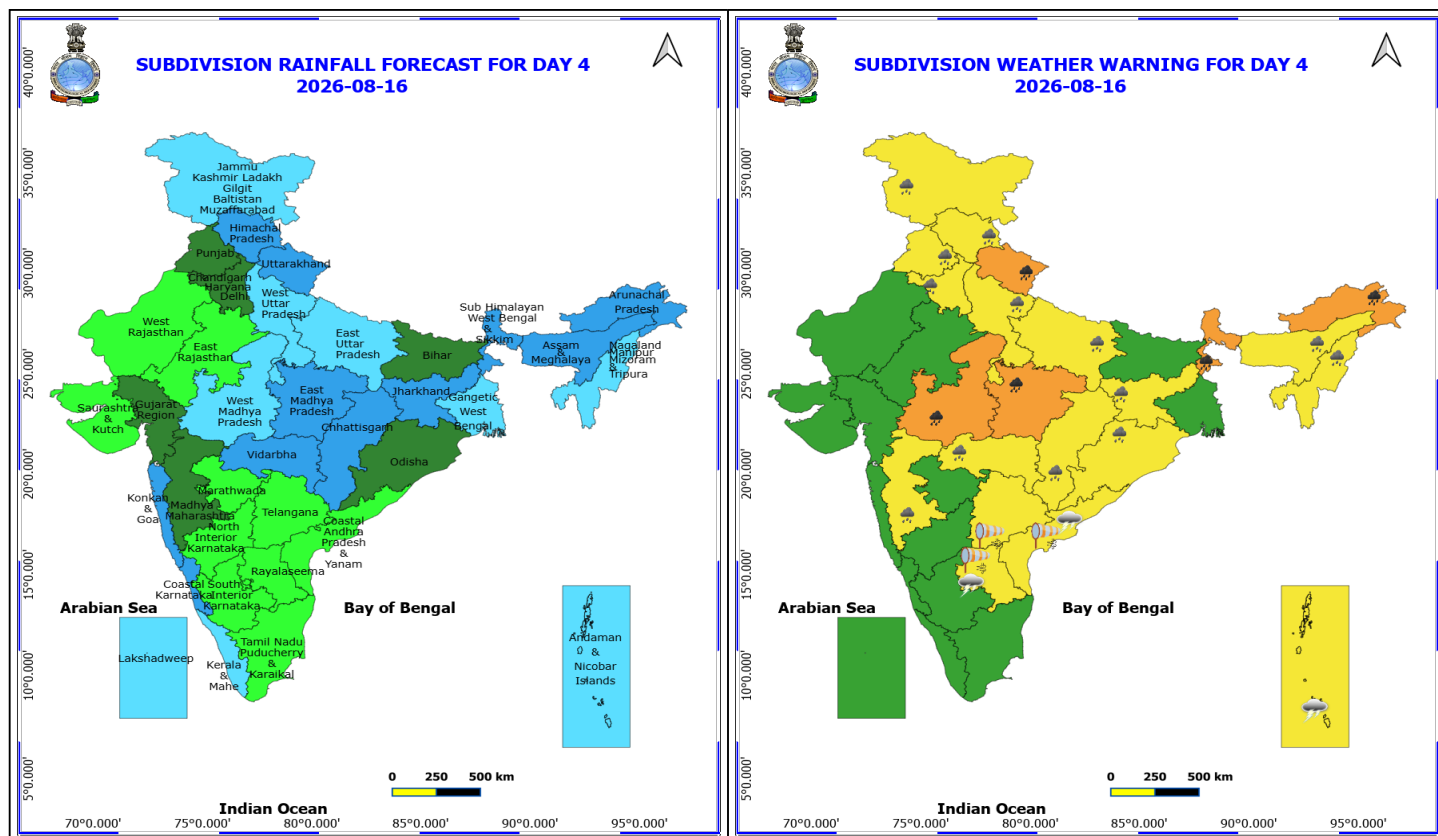
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❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off West Bengal and Odisha coasts, over northwest adjoining few parts northeast Bay of Bengal and over Andaman Sea.



16 August (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Madhya Pradesh, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Uttar Pradesh 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 East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh, Odisha, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and Telangana.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest adjoining few parts of north & eastcentral Arabian Sea.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.

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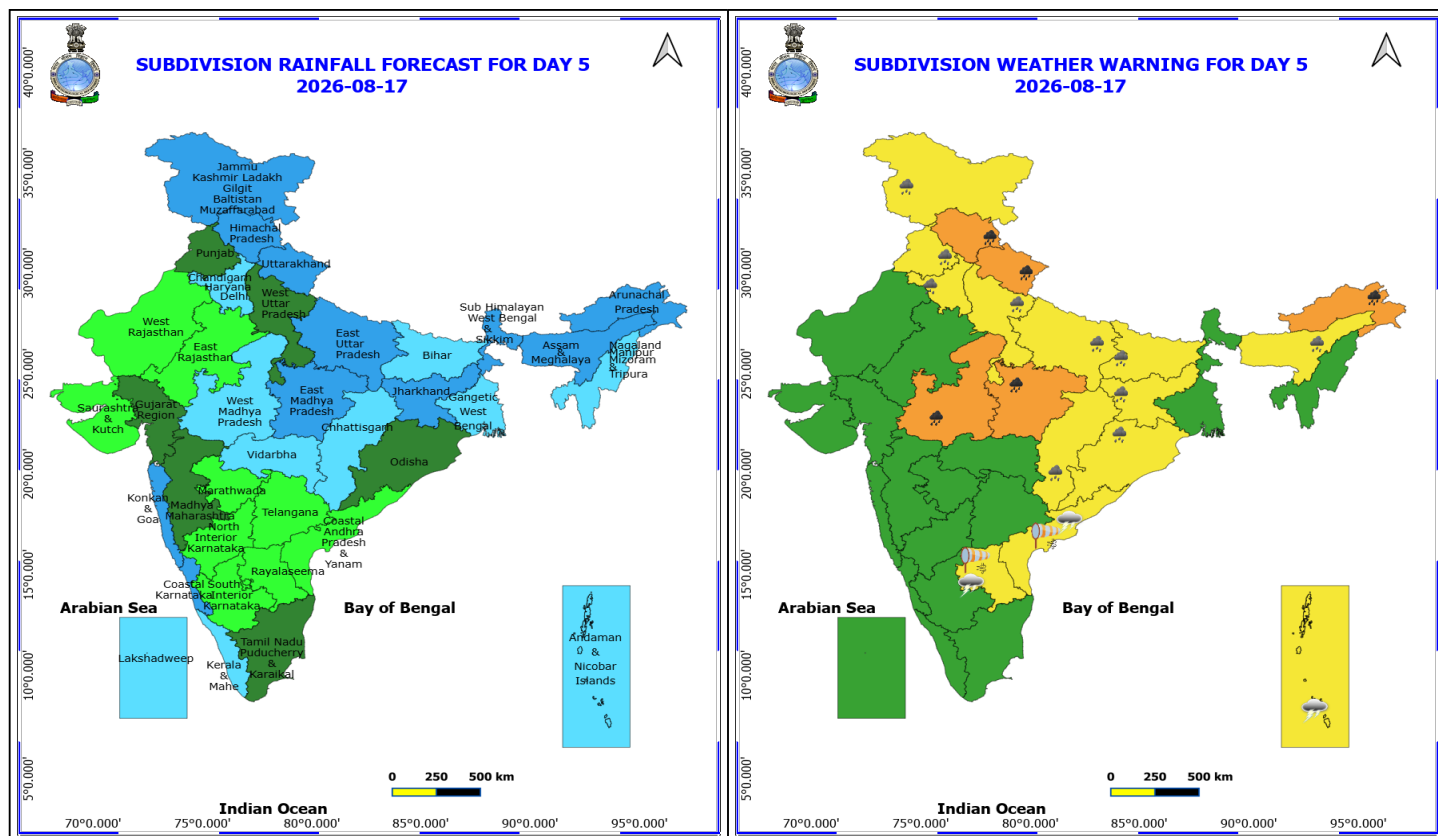
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❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea.



17 August (Day 5)

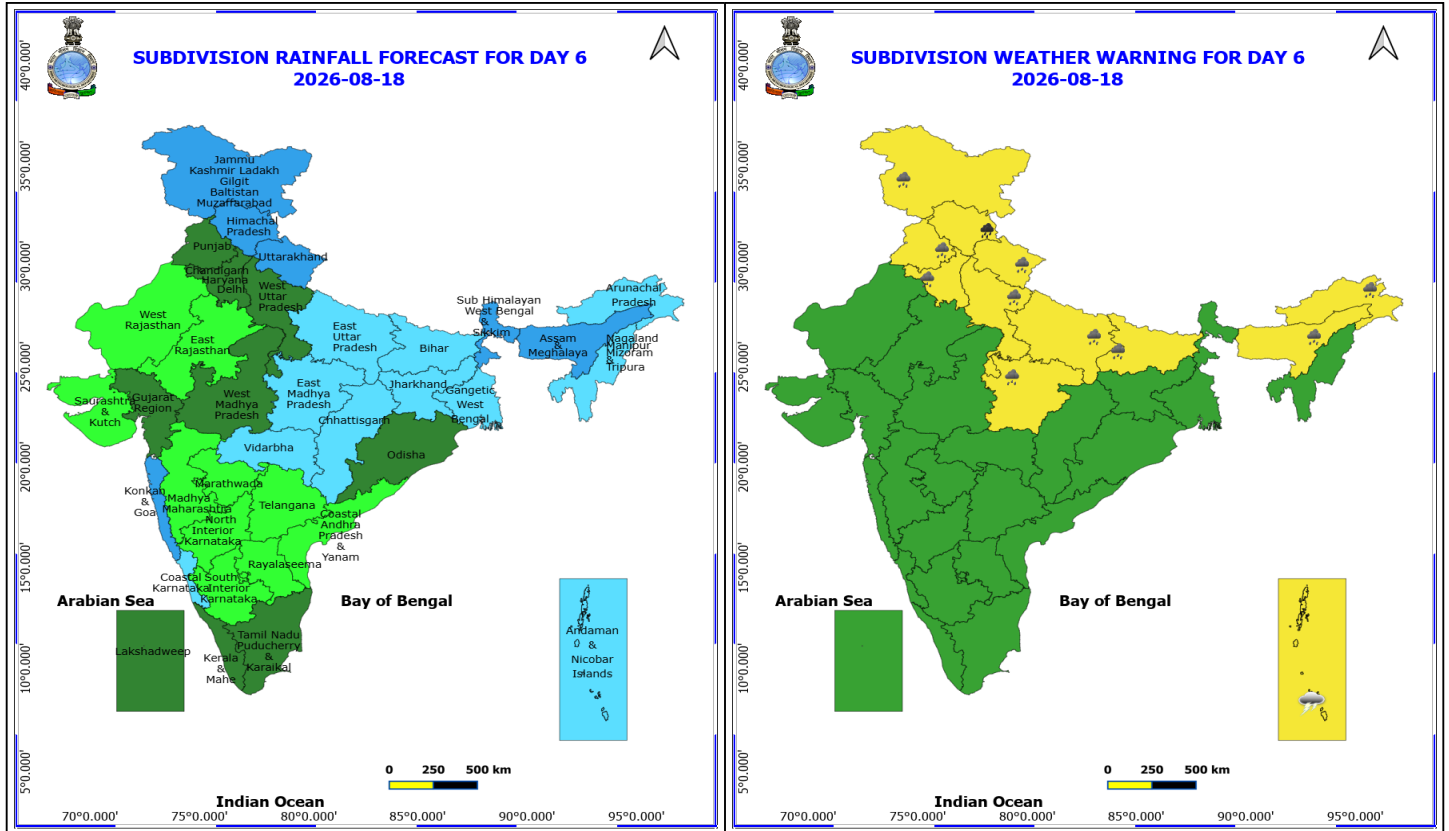
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Himachal Pradesh, Madhya Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, Punjab and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands and Andhra Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh and Odisha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest, north & eastcentral Arabian Sea.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.
- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail over Andaman Sea.

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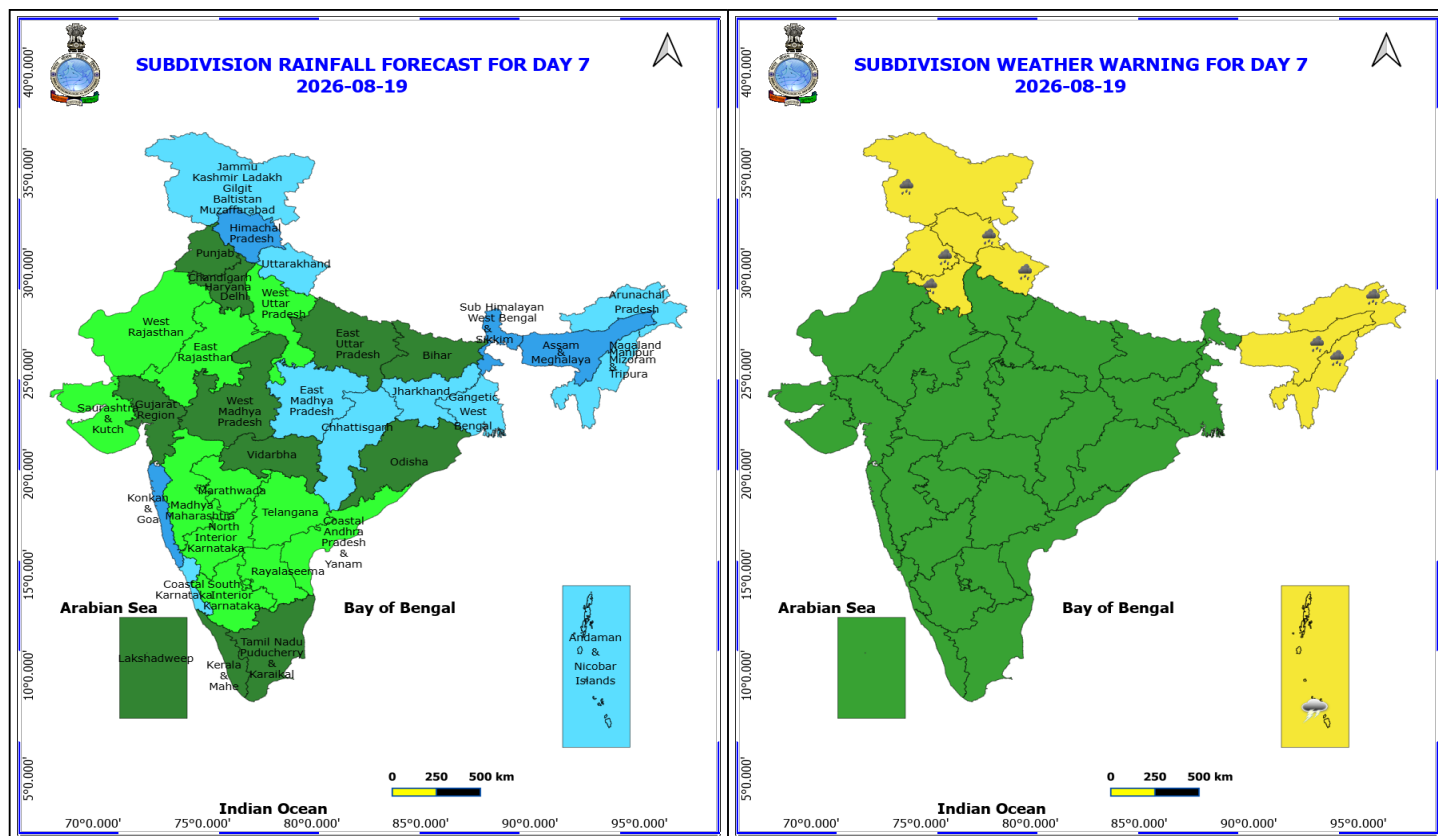
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18 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Himachal Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, 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 Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning



19 August (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Punjab 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 Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning

Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 14-08-2026 :

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

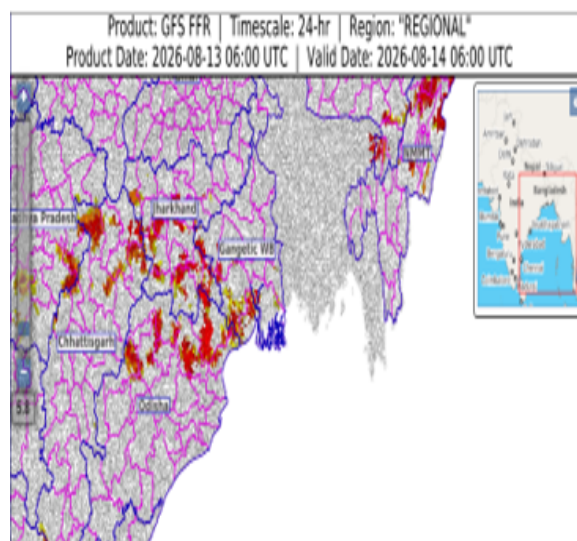
Chhattisgarh - Balrampur, Jashpur, Korba, Koriya, Raigarh and Surajpur districts.

Odisha - Balasore, Deogarh, Keonjhar, Mayurbhanj and Sundargarh districts.

Gangetic West Bengal - Bankura, East Midnapore, Jhargram, Purulia, South 24 Parganas and West Midnapore districts.

Jharkhand - Dhanbad, Hazaribag, Khunti, Latehar, Lohardaga, Ranchi and Simdega 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.

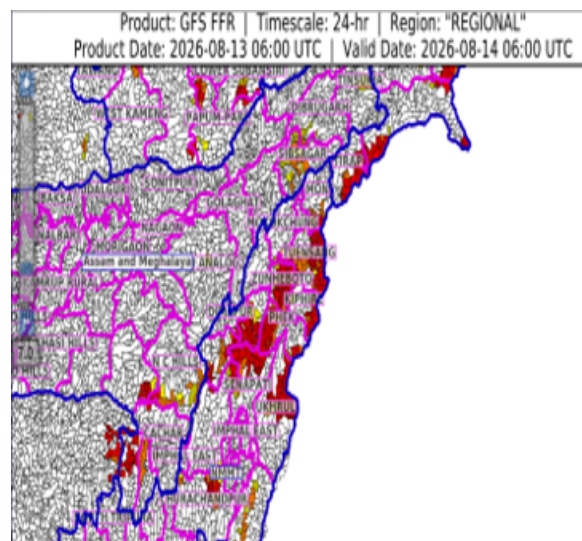


24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 14-08-2026 :

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

Nagaland Mizoram Manipur Tripura (

NMMT) - Chandel, Churachandpur, Senapati, Tamenglong, Ukhrul, Kiphire, Kohima, Mokokchung, Mon, Phek, Tuensang and Zunheboto districts.



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Table-1

7 Days Rainfall Forecast

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

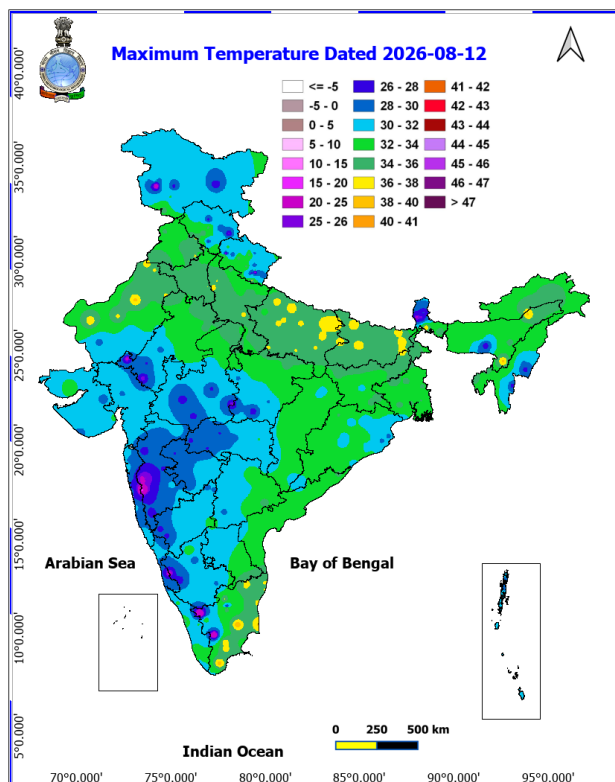


Fig. 2: Departure of Maximum Temp. Dated 2026-08-12

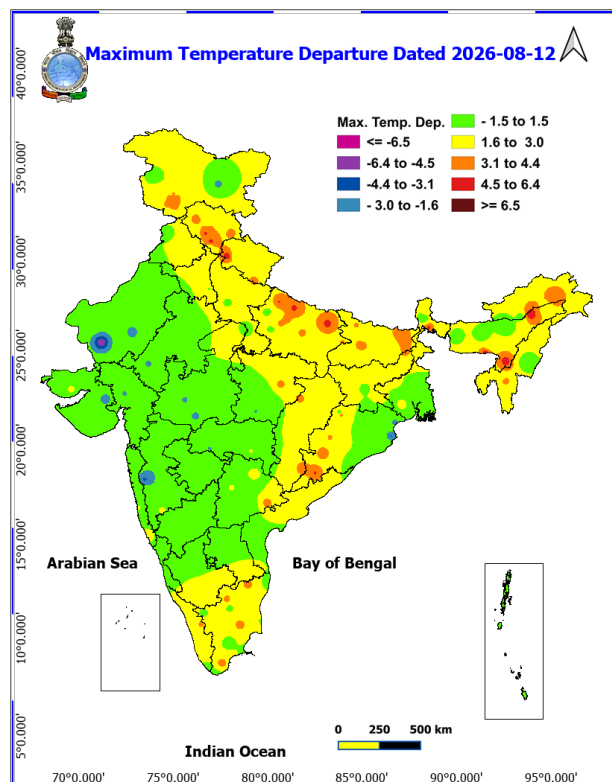


Fig. 3: Minimum Temperatures Dated 2026-08-13

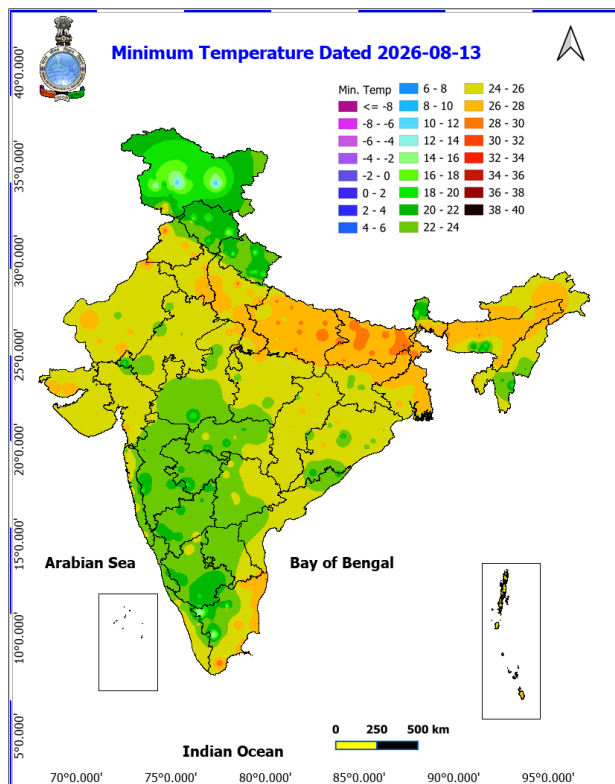
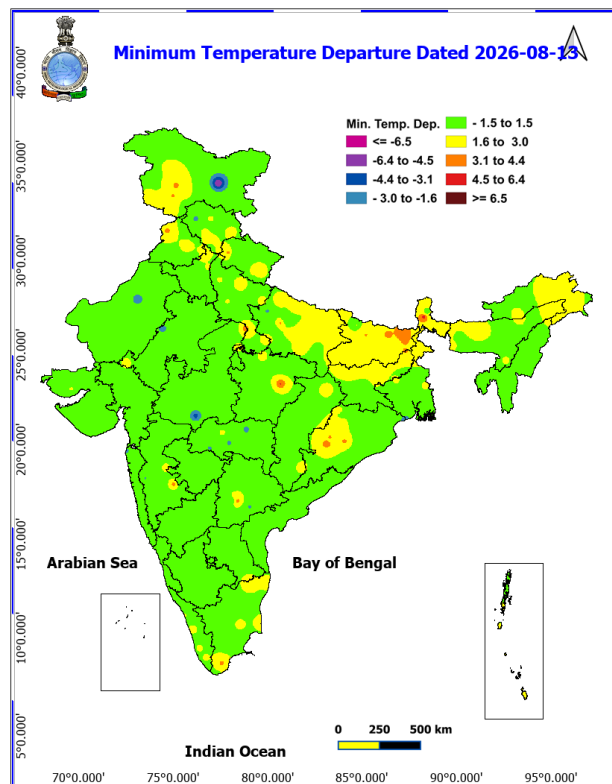
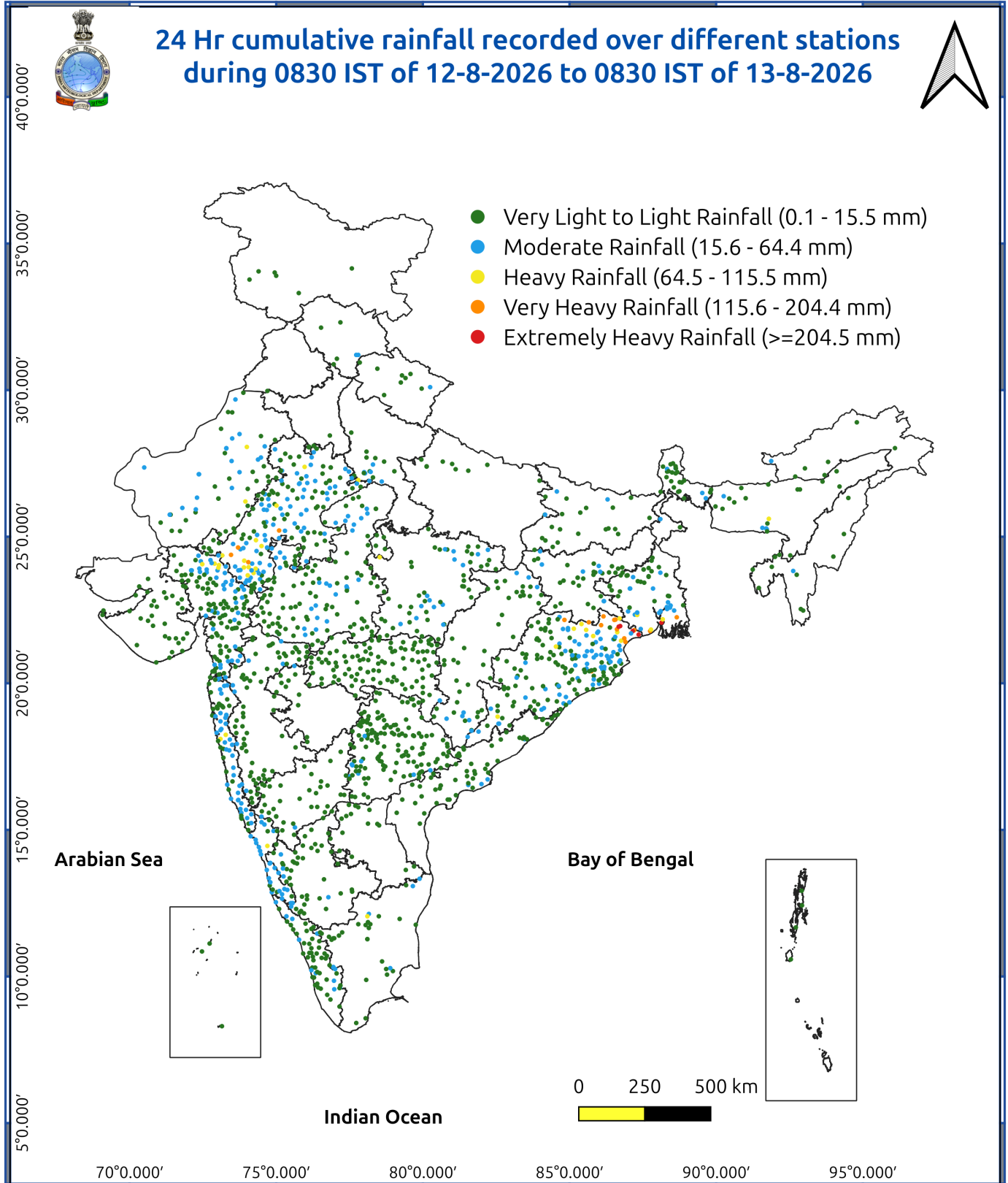


Fig. 4: Departure of Minimum Temp. Dated 2026-08-13





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Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Chhattisgarh on 13th and 14th; over Gangetic West Bengal, Jharkhand and Odisha on 13th August.
- Moderate to severe lightning activity over Jharkhand and Odisha on 13th August.

Impact Expected

- ❖ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- ❖ Minor damage to kutcha roads.
- ❖ Possibilities of damage to vulnerable structure.
- ❖ Localized Landslides/Mudslides.
- ❖ Damage to horticulture and standing crops in some areas due to inundation.
- ❖ It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC).

Action Suggested

- ❖ Check for traffic congestion on your route before leaving for your destination.
- ❖ Follow any traffic advisories that are issued in this regard.
- ❖ Avoid going to areas that face the water logging problems often.
- ❖ Avoid staying in vulnerable structure.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- 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 West Bengal, maintain continuous and effective drainage in transplanted Aman paddy, jute, rice nurseries and vegetable fields and promptly remove excess water from low-lying areas. Keep drainage channels clear and strengthen bunds around rice nurseries to prevent flooding. Postpone fertilizer and pesticide application until field conditions improve. Harvest mature crops, tea leaves and vegetables wherever field conditions permit and keep the produce in a safe, dry place.
- In Chhattisgarh, maintain continuous and effective drainage in rice, soybean, maize, pigeon pea, black gram, green gram, minor millets and vegetable fields, particularly in low-lying areas. Strengthen field bunds and drainage channels and postpone fertilizer and plant protection operations until field conditions improve. Continue rice transplanting and sowing of kharif crops only where field conditions permit, avoid transplanting in waterlogged areas, and provide staking/support to tomato, chilli, cucurbit and other vegetable crops.
- In Uttarakhand, maintain proper and effective drainage in rice, soybean, maize, red gram, ginger, garlic, barnyard millet, finger millet, tomato and other standing crop fields. Continue rice transplanting only where field conditions permit and delay sowing of groundnut, soybean and maize until conditions become suitable. Harvest mature tomato, French bean and potato and keep the produce in a safe, dry place.
- In Arunachal Pradesh, maintain continuous drainage and remove excess water from rice, maize, soybean and finger millet fields. Clear mud and debris from affected crops and maintain drainage in vegetable fields and orchards. Harvest mature cucumbers, bottle gourds and other cucurbits wherever possible and provide firm support to vines and banana plants to prevent lodging.
- In Assam, maintain continuous drainage and keep field channels clear in rice, sugarcane, soybean, pigeon pea, jute, sesame and vegetable fields and orchards. Remove excess water promptly from low-lying fields and

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prevent water stagnation in sugarcane. Complete rice transplanting only where field conditions permit and postpone sowing of sesame, green gram and black gram in waterlogged fields.

- In Meghalaya, maintain continuous drainage in rice nursery beds and fields of maize, cowpea, okra and ginger and keep drainage channels free from obstruction. Strengthen nursery bunds to prevent runoff and seedling washout and avoid standing water around the crop root zone. Provide staking or trellising to cowpea and support other vulnerable horticultural crops to prevent lodging.
- In South Interior Karnataka, maintain continuous drainage in paddy, maize, finger millet, cowpea, green gram, black gram and vegetable fields to prevent waterlogging. Delay rice transplanting in waterlogged fields and undertake sowing or transplanting of kharif crops only where field conditions are suitable. Provide support to banana, tomato and other vulnerable crops to prevent lodging.
- In Gujarat, drain excess rainwater promptly from rice, cotton, pearl millet, groundnut, sesame, maize, pulses, soybean and vegetable fields.
- 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 Nagaland, Manipur, Mizoram and Tripura, maintain proper drainage in standing crop fields and prevent water stagnation in rice, soybean, black gram, ginger, turmeric, cole crops and vegetables.
- In Jharkhand, ensure proper drainage of excess water from crop fields and postpone fertilizer and pesticide application during wet conditions.
- In Konkan and Goa, drain out excess rainwater from rice, finger millet, turmeric, groundnut, vegetable fields and orchards to prevent water stagnation.
- In Vidarbha, drain out excess water from already sown soybean, cotton, pigeon pea, sorghum, maize, rice and vegetable nurseries and orchards.
- In Tamil Nadu, maintain proper and effective drainage in rice nurseries and young cotton fields to prevent water stagnation. Undertake rice transplanting and sowing of maize and cucurbits where field conditions permit, and harvest mature paddy wherever ready. Provide firm support to banana plants and other vulnerable crops against lodging.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

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

Livestock / Poultry / Fisheries

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

Legends & abbreviations:

Region wise classification of meteorological Sub-Divisions:

- **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
- **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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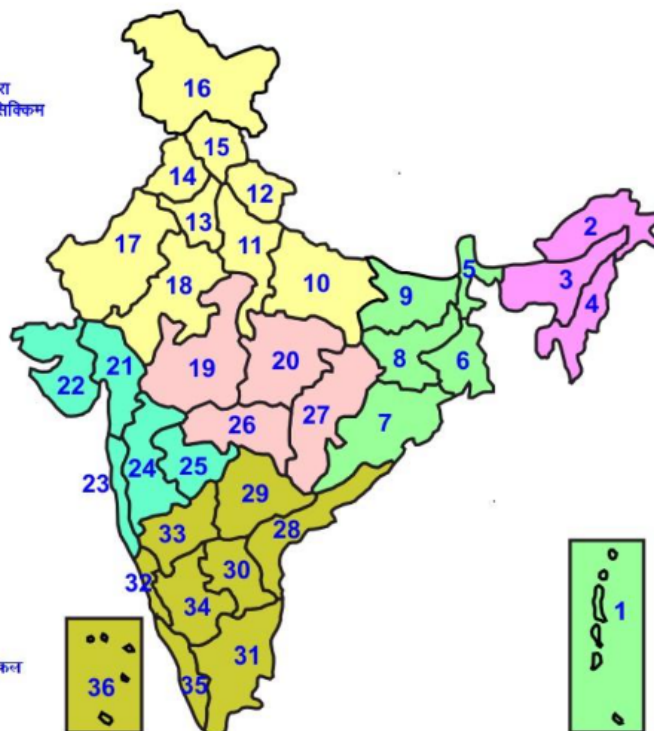
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LEGENDS

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



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Colour

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

Probabilistic Forecast

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

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

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

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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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