

2026-08-14

Time of Issue: 16:21:00 hours IST
(Evening)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather forecast and Warnings

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 14th-20th August.
- **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 14th-15th August; West Uttar Pradesh during 14th-16th August; East Uttar Pradesh on 14th August and during 16th-20th August.
- **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- **Isolated thunderstorm & lightning** likely over Uttarakhand during 14th-20th August; West Uttar Pradesh on 14th August.
- **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 14th-16th August and during 18th-19th August; Himachal Pradesh during 15th-16th August and during 19th-20th August; Uttarakhand during 18th-20th August; Haryana Chandigarh & Delhi and Punjab during 14th-15th August and during 17th-18th August; West Uttar Pradesh on 15th August and on 18th August; East Uttar Pradesh on 15th August and during 18th-19th August with isolated **very heavy rainfall** also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 17th August; Himachal Pradesh on 14th August and during 17th-18th August; Uttarakhand during 14th-17th August; East Uttar Pradesh and West Uttar Pradesh on 14th August and during 16th-17th August.

Central India:

- **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 14th-16th August; Chhattisgarh and East Madhya Pradesh during 14th-20th August; Vidarbha during 14th-18th August.
- **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 17th-20th August; Vidarbha during 19th-20th August.
- **Isolated thunderstorm & lightning** likely over Chhattisgarh during 14th-18th August.
- **Isolated heavy rainfall** likely over West Madhya Pradesh during 14th-18th August; Chhattisgarh and East Madhya Pradesh during 16th-18th August; Vidarbha during 14th-17th August with isolated **very heavy rainfall** also likely over Chhattisgarh and East Madhya Pradesh during 14th-15th August.

East India:

- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 14th-20th August; Bihar during 16th-19th August; Odisha during 14th-15th August and during 17th-19th August.
- **Isolated to Scattered** rainfall likely over Bihar during 14th-15th August and on 20th August; Odisha on 16th August and on 20th August.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 14th-20th August; Gangetic West Bengal during 14th-15th August; Jharkhand on 14th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 14th-17th August; Gangetic West Bengal during 16th-17th August; Jharkhand during 15th-18th August; Bihar during 14th-20th August; Odisha during 14th-18th August.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 14th-15th August and on 18th August; Gangetic West Bengal during 14th-15th August; Jharkhand and Odisha during 15th-18th August; Bihar during 14th-19th August with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 16th-17th August; Jharkhand and Odisha on 14th August.

Northeast India:

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- **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 14th-20th August; Assam & Meghalaya during 16th-20th August; Nagaland, Manipur, Mizoram & Tripura during 14th-17th August and on 20th August.
- **Isolated to Scattered** rainfall likely over Assam & Meghalaya during 14th-15th August; Nagaland, Manipur, Mizoram & Tripura during 18th-19th August.
- **Isolated thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 14th-18th August.
- **Isolated heavy rainfall** likely over Arunachal Pradesh during 14th-15th August and during 19th-20th August; Assam & Meghalaya during 14th-15th August and during 17th-20th August; Nagaland, Manipur, Mizoram & Tripura during 14th-20th August with isolated **very heavy rainfall** also likely over Arunachal Pradesh during 16th-18th August; Assam & Meghalaya on 16th August.

West India:

- **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 14th-20th August; Gujarat Region during 14th-15th August.
- **Isolated to Scattered** rainfall likely over Madhya Maharashtra, Marathwada and Saurashtra & Kutch during 14th-20th August; Gujarat Region during 16th-20th August.
- **Isolated thunderstorm & lightning** likely over Gujarat Region during 14th-15th August; Saurashtra & Kutch on 14th August.
- **Isolated heavy rainfall** likely over Konkan & Goa on 14th August and on 16th August; Madhya Maharashtra during 14th-18th August; Gujarat Region during 14th-15th 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 14th-20th August; Kerala & Mahe and Lakshadweep during 17th-18th August.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 14th-16th August and during 19th-20th August; Coastal Karnataka during 14th-20th August.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 14th-16th August; North Interior Karnataka and South Interior Karnataka during 14th-15th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 14th-18th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep on 14th August; Telangana during 14th-15th August.
- **Isolated heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 14th August and during 19th-20th August; Kerala & Mahe on 14th August.
- **Strong Surface Winds** likely over Kerala & Mahe and Lakshadweep on 14th August; North Interior Karnataka, South Interior Karnataka and Telangana during 14th-15th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 14th-18th August.

Wind Warning:

- Squally winds with speed reaching 40-50 kmph gusting to 60 kmph are very likely to prevail over Northwest Bay of Bengal & along and off Bangladesh, Odisha-West Bengal coasts during next 12 hours and decrease gradually thereafter.
- Squally winds with speed reaching 35-45 kmph gusting to 55 kmph are very likely to prevail over south Jharkhand and adjoining north interior Odisha & north Chhattisgarh during next 12 hours and decrease thereafter.

Sea Condition:

- Sea condition is very likely to be rough over northwest Bay of Bengal and along & off Bangladesh, West Bengal & Odisha coasts during next 12 hours and improve gradually thereafter.

Fishermen Warning:

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

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of today to 1430 hours IST of today): **at most places** over West Uttar Pradesh, Jharkhand, Uttarakhand, Haryana Chandigarh & Delhi, Punjab, Andaman & Nicobar Islands, Chhattisgarh, Gujarat Region, East Madhya Pradesh and Coastal Karnataka; **at many places** over South Interior Karnataka, Assam & Meghalaya, Sub-himalayan West Bengal & Sikkim, Odisha, Bihar, East Rajasthan, Arunachal Pradesh, Himachal Pradesh, Jammu & Kashmir and Ladakh, East Uttar Pradesh, West Madhya Pradesh, Gangetic West Bengal, Vidarbha, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, North Interior Karnataka and Kerala & Mahe; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of today to 1430 hours IST of today): **South Interior Karnataka**: Chitradurga (dist Chitradurga) 69; **Gangetic West Bengal**: Haldia (dist Purba Medinipur) 8.

❖ **Heavy Rainfall observed** (from 0830 hours IST of today to 1430 hours IST of today): **Extremely heavy rain** at isolated places over South Interior Karnataka **Heavy rain** at isolated places over Gangetic West Bengal

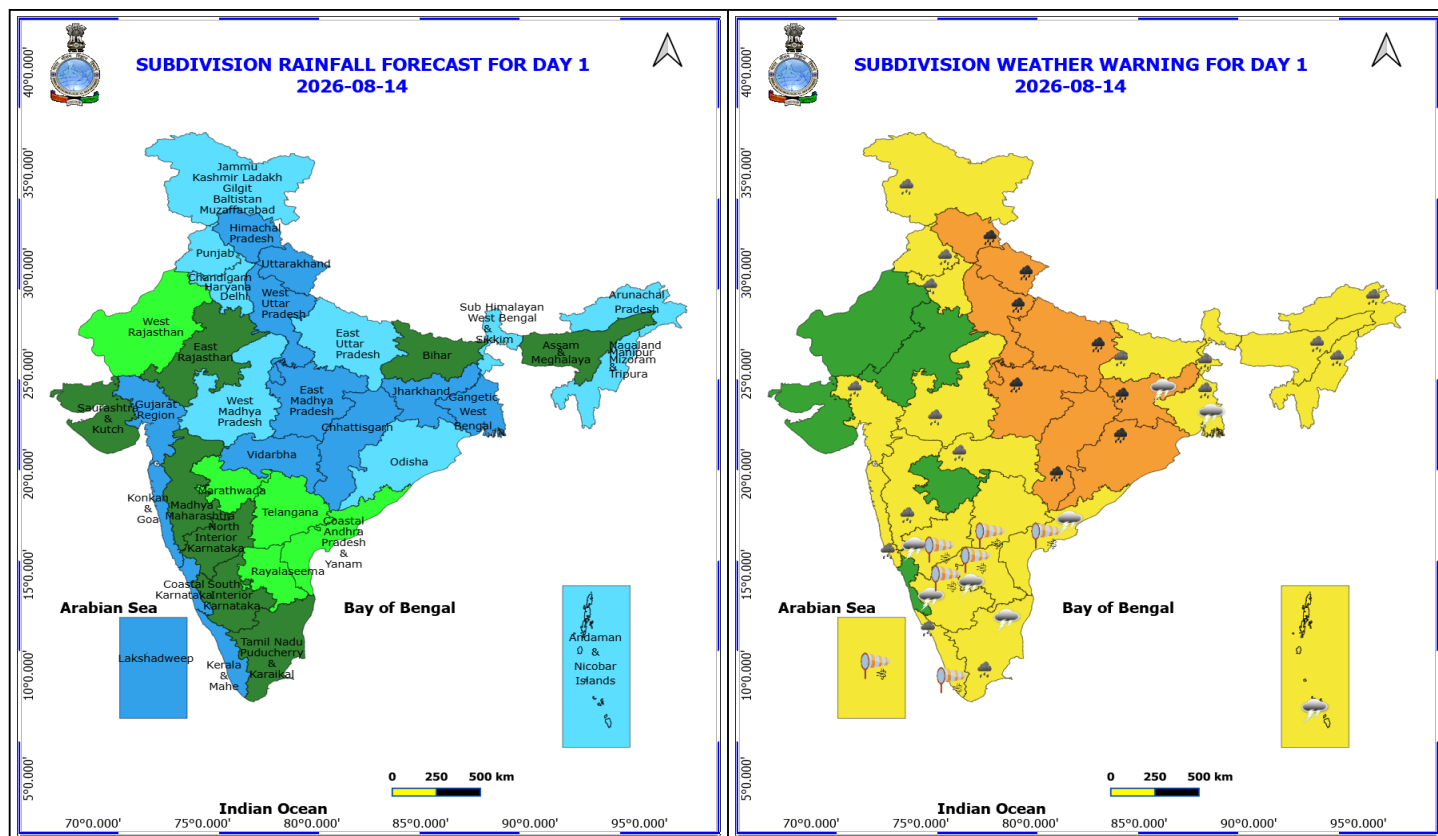
❖ **Minimum Temperature Departures (as on 14-08-2026): markedly above normal(> 5.1°C)** at few places over Assam & Meghalaya; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch and Madhya Maharashtra. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim and East Madhya Pradesh; at isolated places over Andaman & Nicobar Islands, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and Coastal Andhra Pradesh & Yanam; at most places over Arunachal Pradesh; at few places over Andaman & Nicobar Islands, Bihar, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Rajasthan, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, East Uttar Pradesh, Uttarakhand, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Vidarbha, Chhattisgarh and Telangana. **near normal(-1.5°C to 1.5°C)** at many places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Uttarakhand, East Rajasthan, West Madhya Pradesh, Gujarat Region, Vidarbha, Telangana and Tamil Nadu, Puducherry & Karaikal; at most places over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, West Uttar Pradesh, West Rajasthan, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Marathwada, Chhattisgarh, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Andaman & Nicobar Islands, Bihar, East Uttar Pradesh, Haryana-Chandigarh-Delhi, East Madhya Pradesh, Coastal Andhra Pradesh & Yanam and Rayalaseema; at isolated places over Himachal Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad. **The lowest minimum temperature** of 16.2°C was reported at KHARGONE-OBS (MADHYA PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 13-08-2026): markedly above normal(> 5.1°C)** at most places over Arunachal Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at few places over Assam & Meghalaya and Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at most places over Punjab; at few places over Sub Himalayan West Bengal & Sikkim and Uttarakhand; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Haryana-Chandigarh-Delhi, West Rajasthan and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at few places over West Uttar Pradesh; at isolated places over Bihar and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at few places over Andaman & Nicobar Islands, East Uttar Pradesh, East Rajasthan and Lakshadweep; at isolated places over Gangetic West Bengal, Odisha, Saurashtra & Kutch, Konkan & Goa and Kerala & Mahe. **The highest maximum temperature** of 39.8°C was reported at TIRUCHIRAPALLI (A) (TAMIL NADU).



Meteorological Analysis (Based on 1430 hours IST)

- The **Depression** over Jharkhand and adjoining Gangetic West Bengal moved west-northwestwards with a speed of 18 kmph during past 06 hours and lay centred at 1130 hrs IST of today, the 14th August, 2026, over Jharkhand, near latitude 23.3°N and longitude 85.3°E, close to Ranchi (Jharkhand), 80 km south of Hazaribagh (Jharkhand), 130 km east-northeast of Jashpurnagar (Chhattisgarh), 150 km east-southeast of Daltonganj (Jharkhand) and 210 km east of Ambikapur (Chhattisgarh). It is very likely to continue to move west-northwestwards across Jharkhand & adjoining north Chhattisgarh and weaken into well marked low pressure area during next 06 hours.
- The **Monsoon trough** at mean sea level now passes through Firozpur, Muzaffarnagar, Fatehgarh, Daltonganj, centre of **Depression** over Jharkhand, Digha & thence southeastwards to Eastcentral Bay of Bengal.
- The **Shear Zone** roughly along Lat. 23°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 7.6 km above mean sea level roughly along Long. 70°E to the north of Lat. 30°N persists.
- The **upper air cyclonic circulation** over northwest Uttar Pradesh & neighbourhood at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over southwest Rajasthan adjoining Pakistan between 3.1 & 4.5 km above mean sea level persists.
- The north-south **trough** from northwest Rajasthan to northeast Arabian sea across Gujarat at 1.5 km above mean sea level persists.



14 August (Day 1)

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

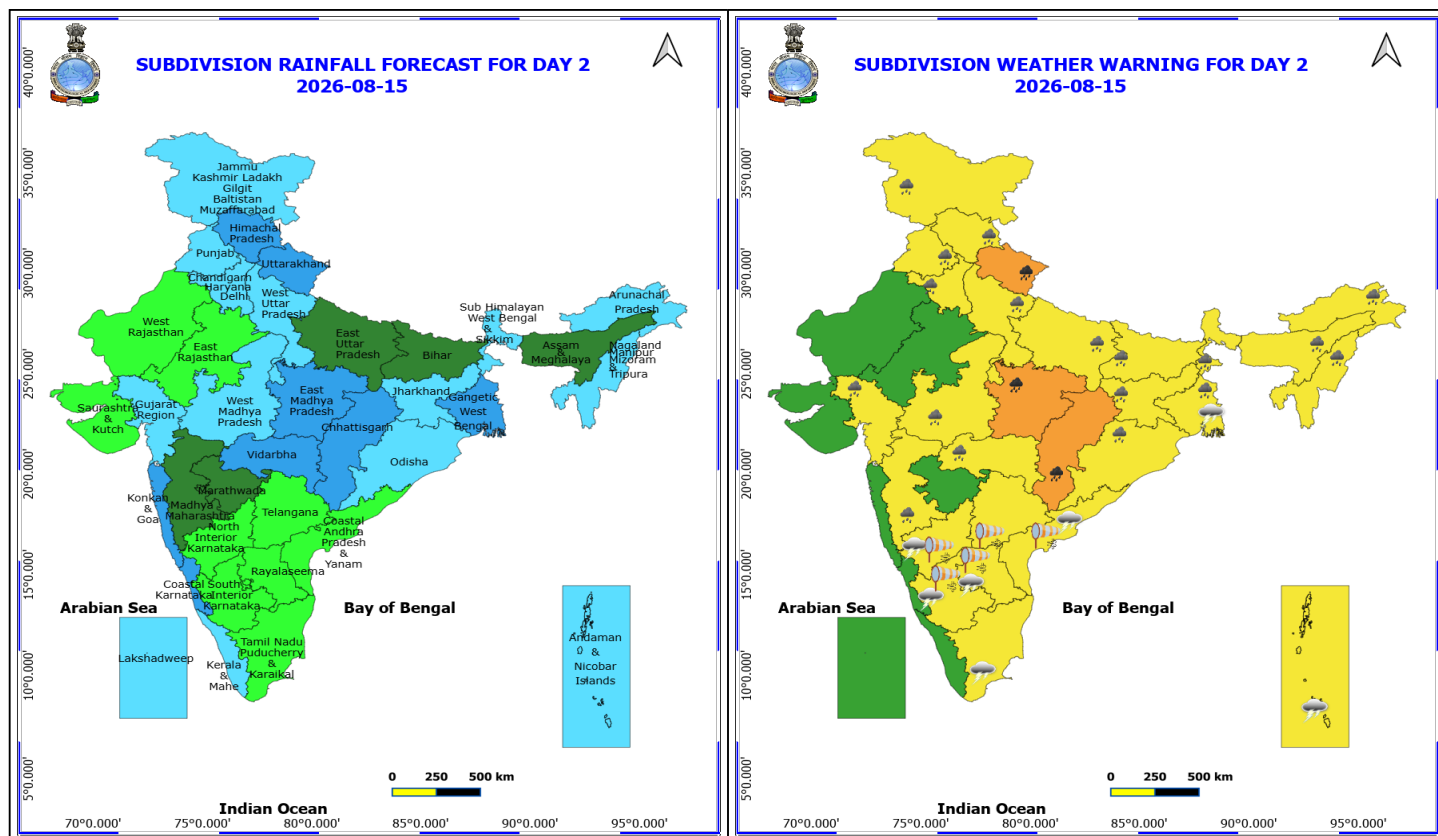
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- ❖ **Squally Weather with wind speed 40-50 kmph gusting to 60 kmph** is likely to prevail along and off north Maharashtra coast adjoining eastcentral Arabian Sea.
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely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



15 August (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Chhattisgarh, East Madhya Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Gujarat Region, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Uttar Pradesh, Vidarbha, 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, Gangetic West Bengal, Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh, Odisha, Rajasthan, Sub Himalayan West Bengal & Sikkim, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat Region, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Interior Karnataka 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 northwest Arabian Sea
- ❖ **Bay of Bengal: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail over few parts of

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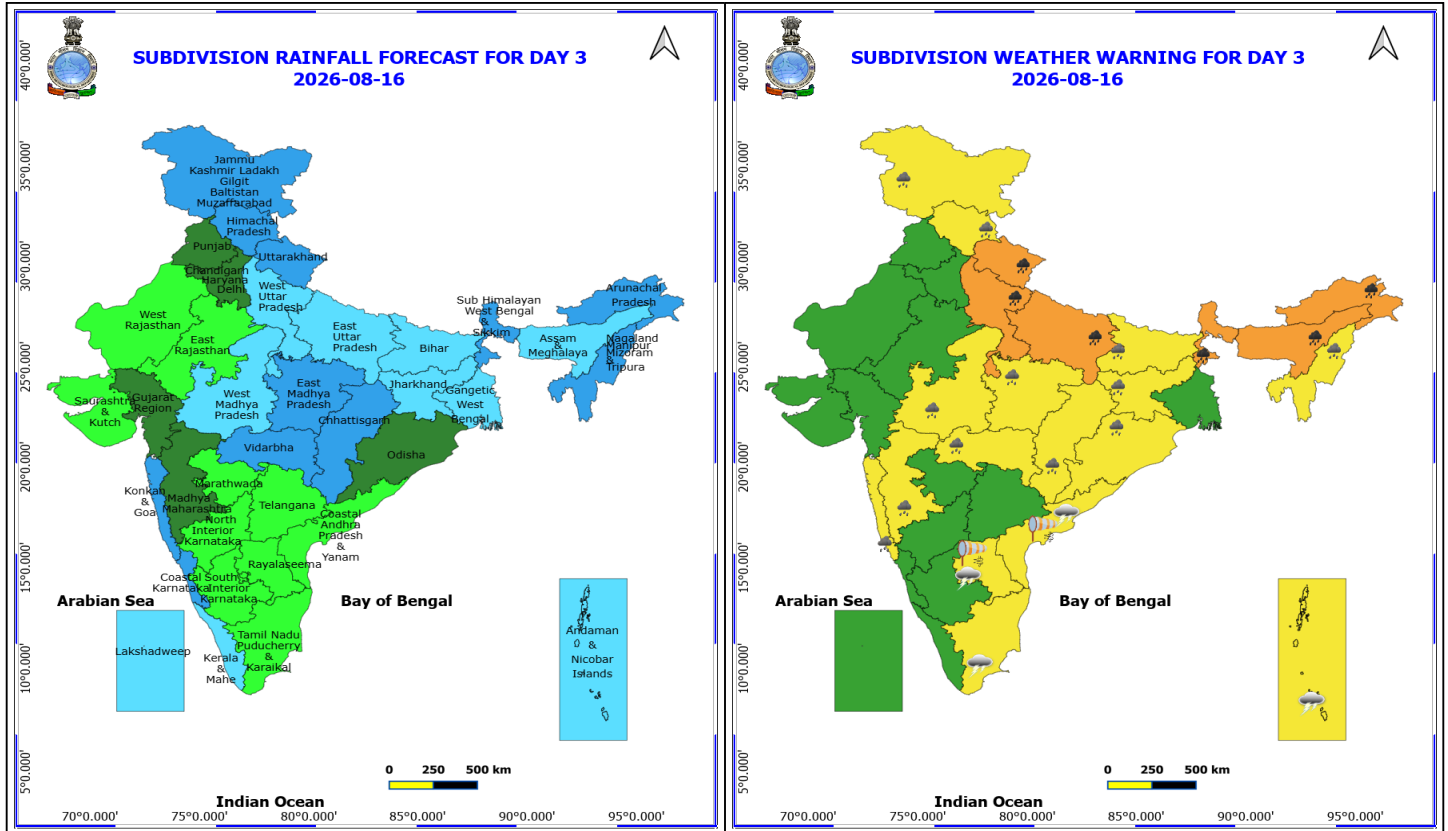
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southwest Bay of Bengal adjoining south Sri Lanka coast, few parts of Comorin area.

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



16 August (Day 3)

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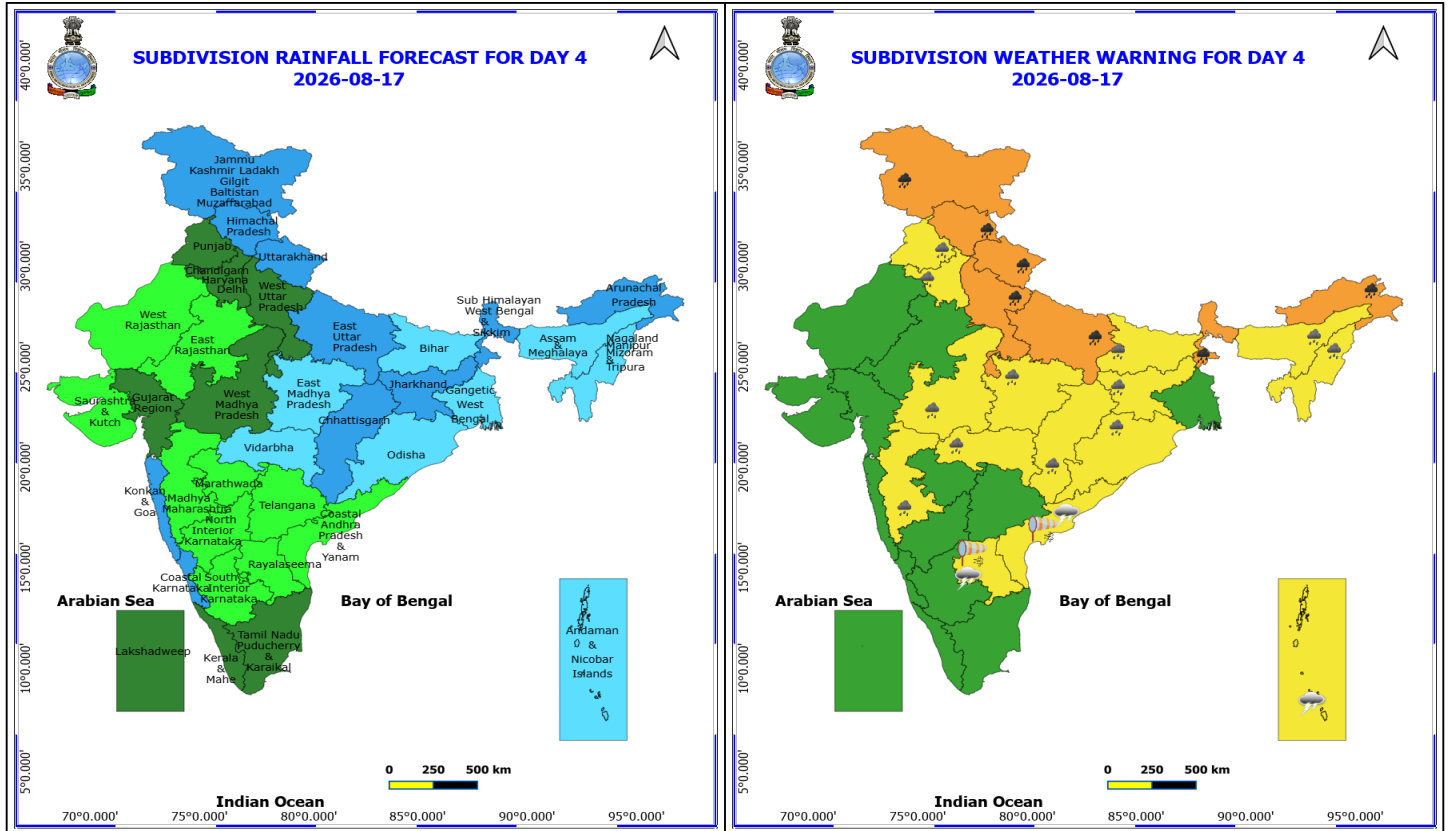
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❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea.



17 August (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Jharkhand, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab 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, East Rajasthan, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya Pradesh, Odisha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
- ❖ **Arabian Sea: Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off Gujarat coasts, some parts of northeast Arabian Sea, Somalia and Oman coasts, 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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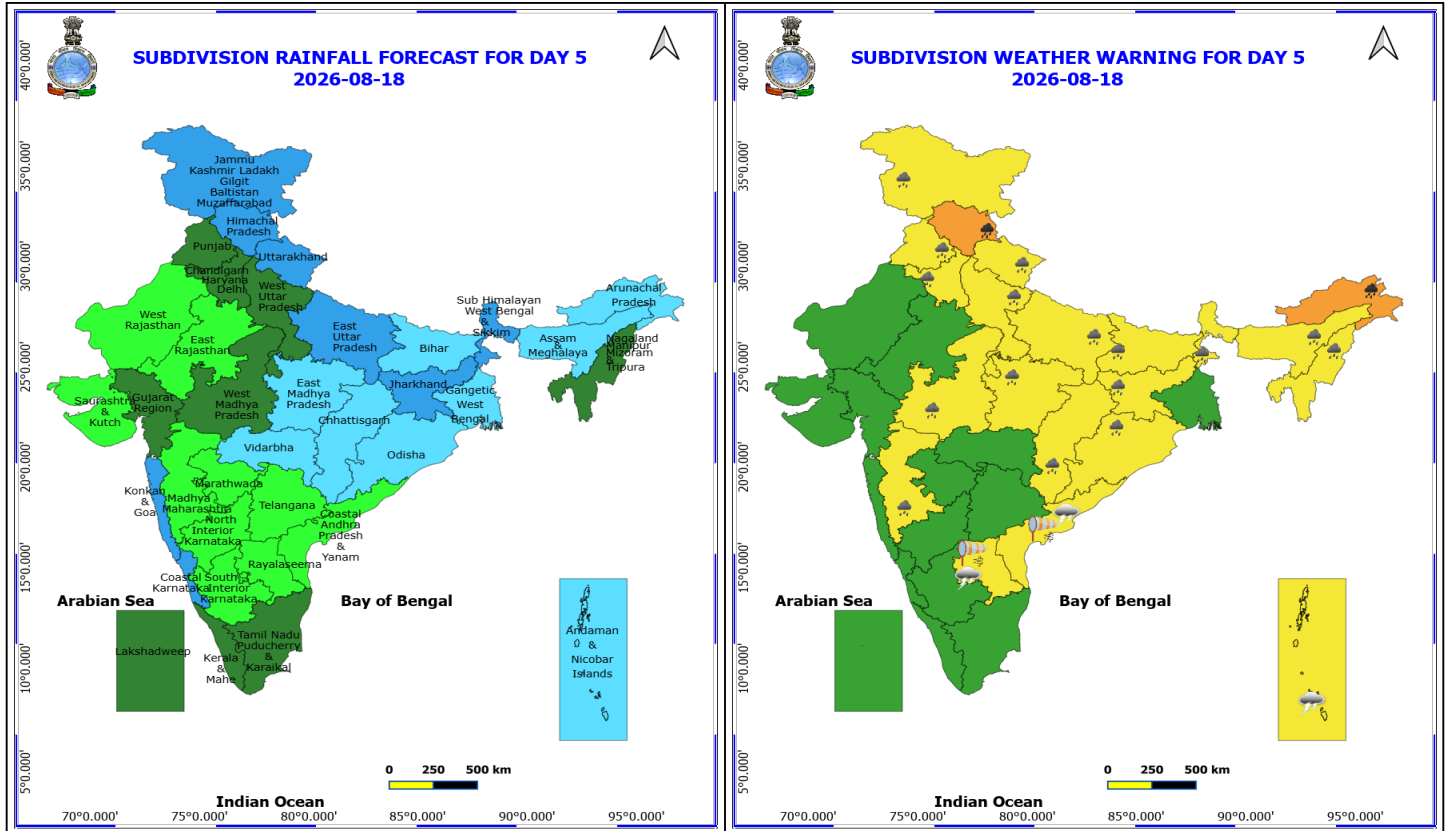
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❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail over Andaman Sea.



18 August (Day 5)

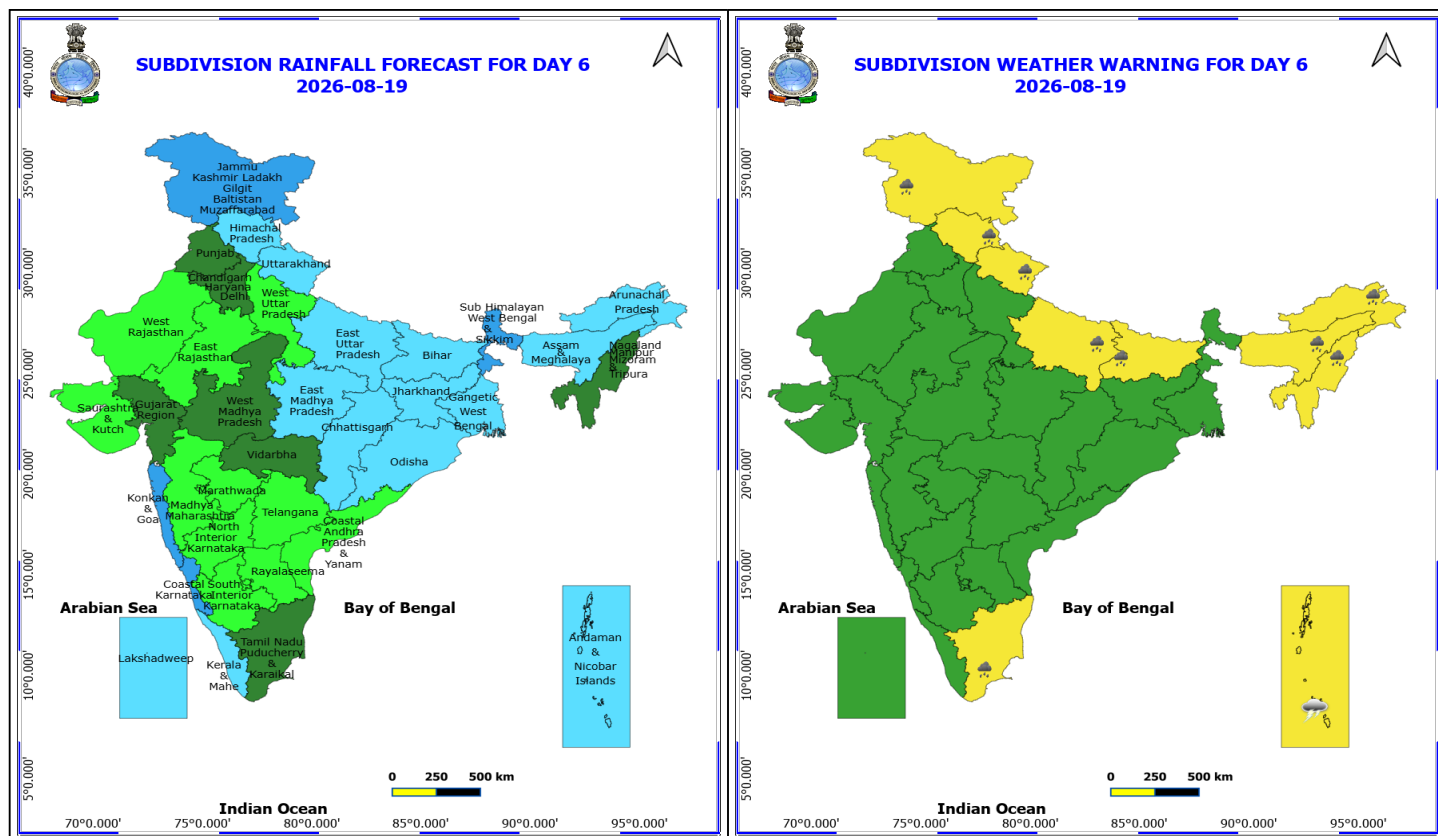
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Himachal Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Madhya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

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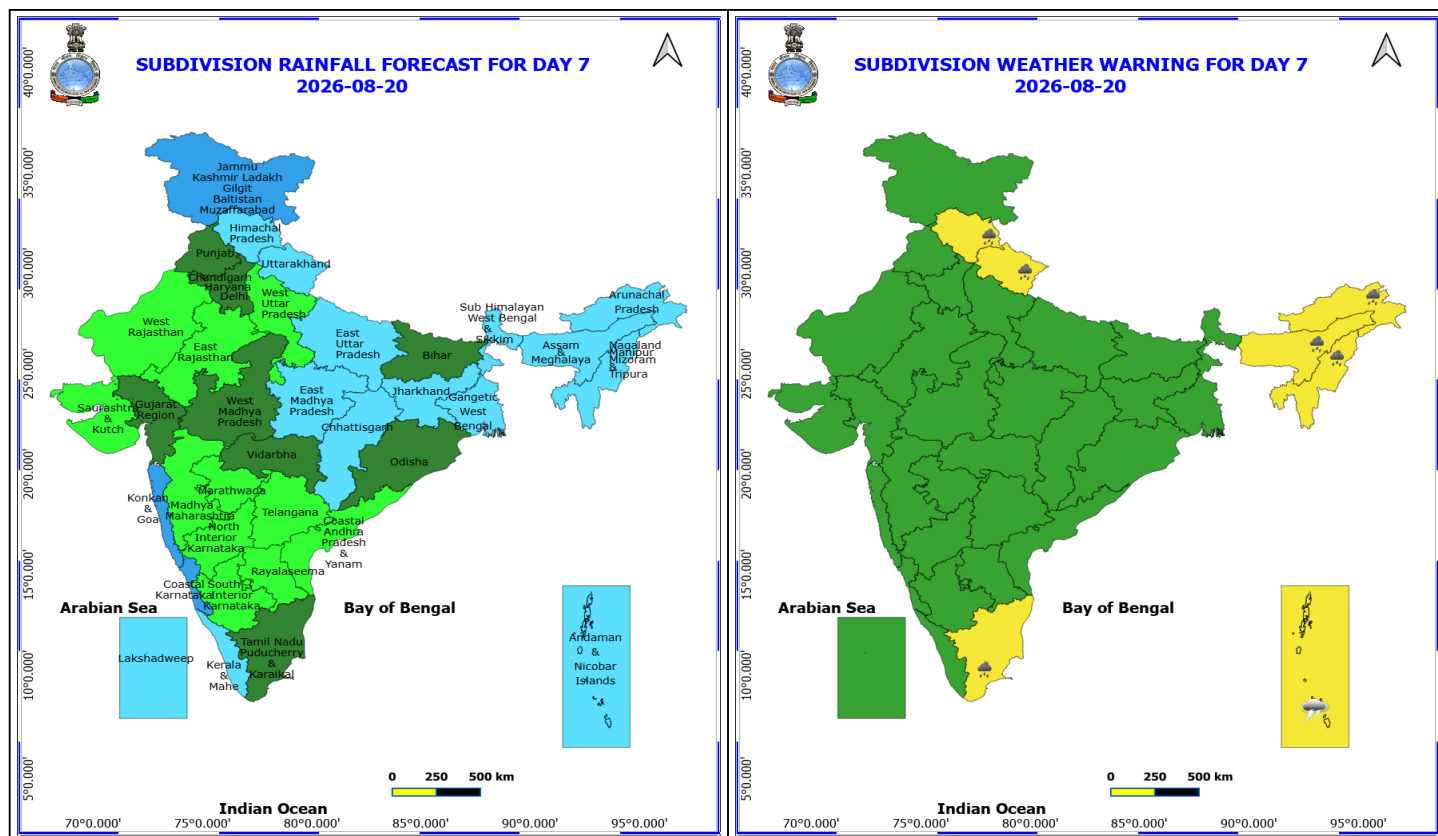
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19 August (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Uttar Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning



20 August (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning

Flash Flood Warnings

Flash Flood Risk (FFR) till 1130 IST of 15-08-2026:

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

Jammu & Kashmir & Ladakh: Poonch, Rajouri, Kulgam, Reasi, Ramban, Jammu, Doda, Kathua, Udhampur, Kistwar and Anantnag districts

Himachal Pradesh: Kangra, Chamba, Hamirpur, Una, Mandi, Kullu, Solan, Sirmaur, Shimla and Kinnaur districts

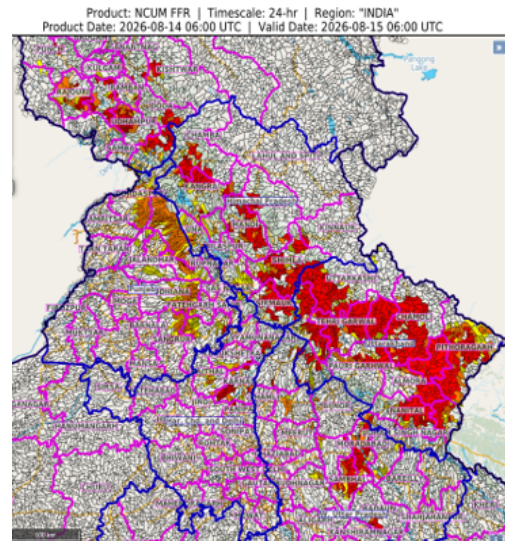
Uttarakhand: Almora, Bageshwar, Chamoli, Champawat, Dehradun, Garhwal Pauri, Garhwal Tehri, Hardwar, Nainital, Pithoragarh, Rudrapur, Udham Singh Nagar and Uttarkashi districts

Punjab: Hoshiarpur, Gurdaspur, Kapurthala, Jalandhar, Ludhiana, Sbs Nagar, Sangrur, Patiala, Fatehgarh Sahib and Rupnagar districts

Haryana - Chandigarh & Delhi: Kaithal, Karnal, Kurukshetra, Yamuna Nagar and Panipat districts.

West Uttar Pradesh: Saharanpur, Muzaffarnagar, Moradabad, Amroha, Rampur, Sambhal, Badaun, Bulandshahar and Kasganj 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.



Flash Flood Risk (FFR) till 1130 IST of 15-08-2026:

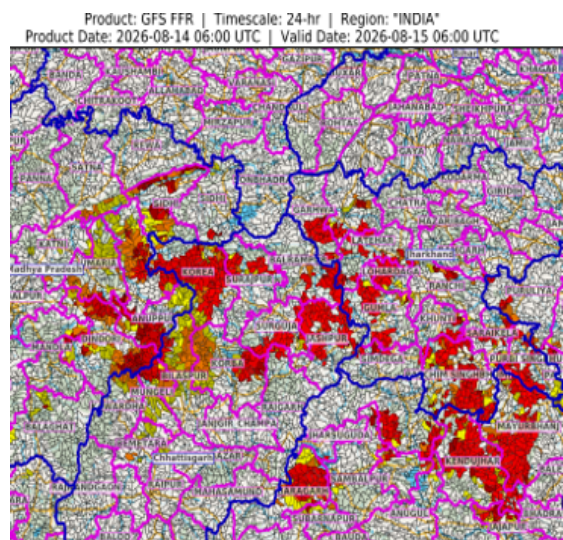
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Chhattisgarh: Koriya, Surajpur, Surguja, Jashpur, Balrampur, Bilaspur, Mungeli, Korba and Bemetara districts

East Madhya Pradesh: Sidhi, Shahdol, Umaria, Satna, Dindori, Anuppur, Balaghat and Katni districts

Odisha: Bargarh, Sonepur, Sambalpur, Sundargarh, Deogarh, Angul, Keonjhar, Mayurbhanj and Jajpur districts

Jharkhand: East Singhbhum, West Singhbhum,



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Seraikela-Kharsawan, Khunti, Ranchi, Lohardaga,
Simdega, Gumla, Latehar, Palamu and Garhwa 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.



Table-1

7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2026-08-13

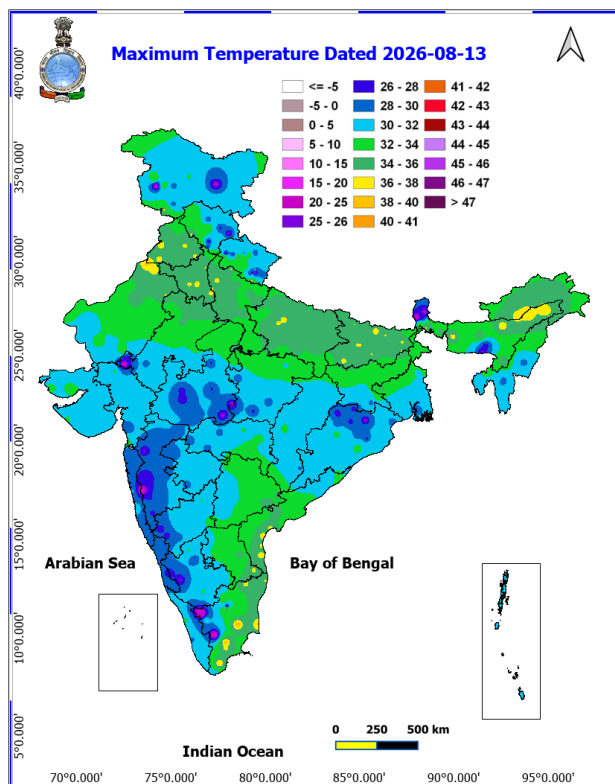


Fig. 2: Departure of Maximum Temp. Dated 2026-08-13

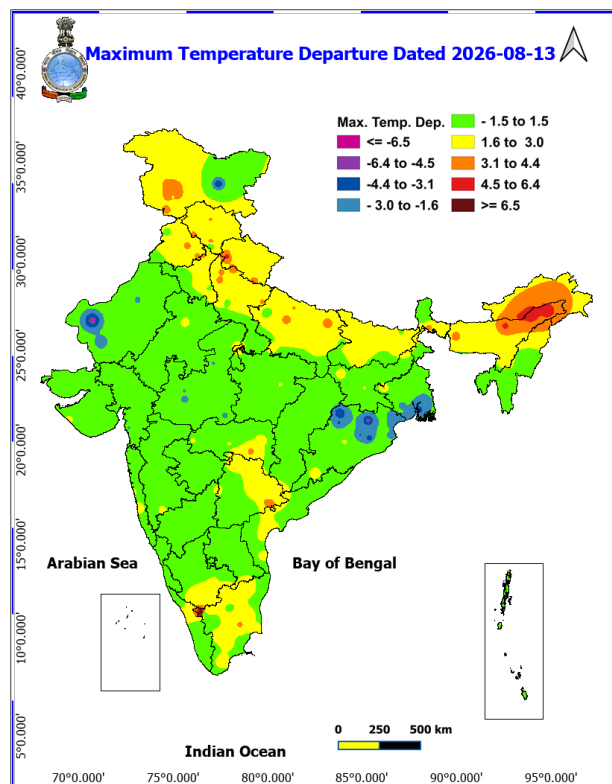


Fig. 3: Minimum Temperatures Dated 2026-08-14

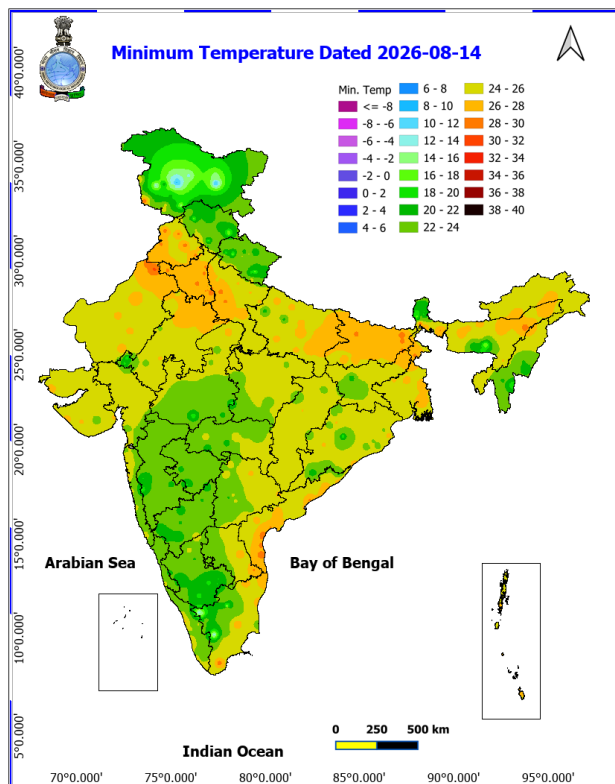
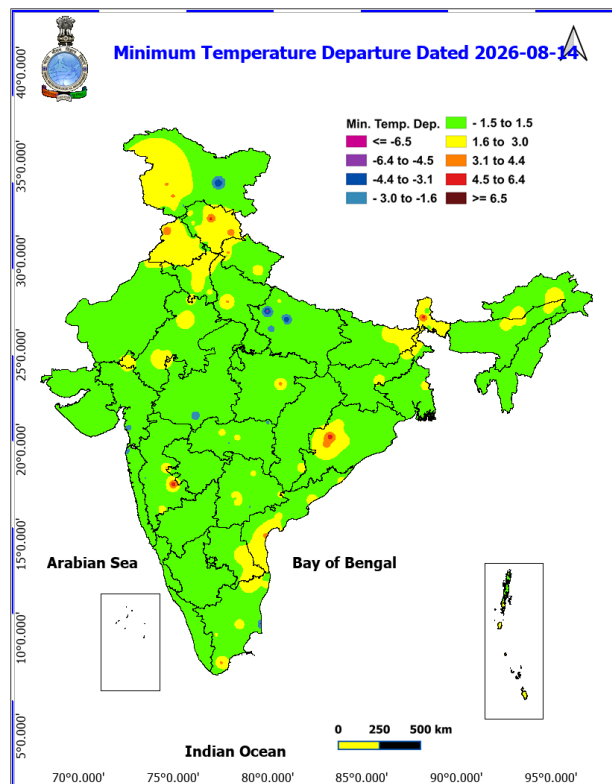
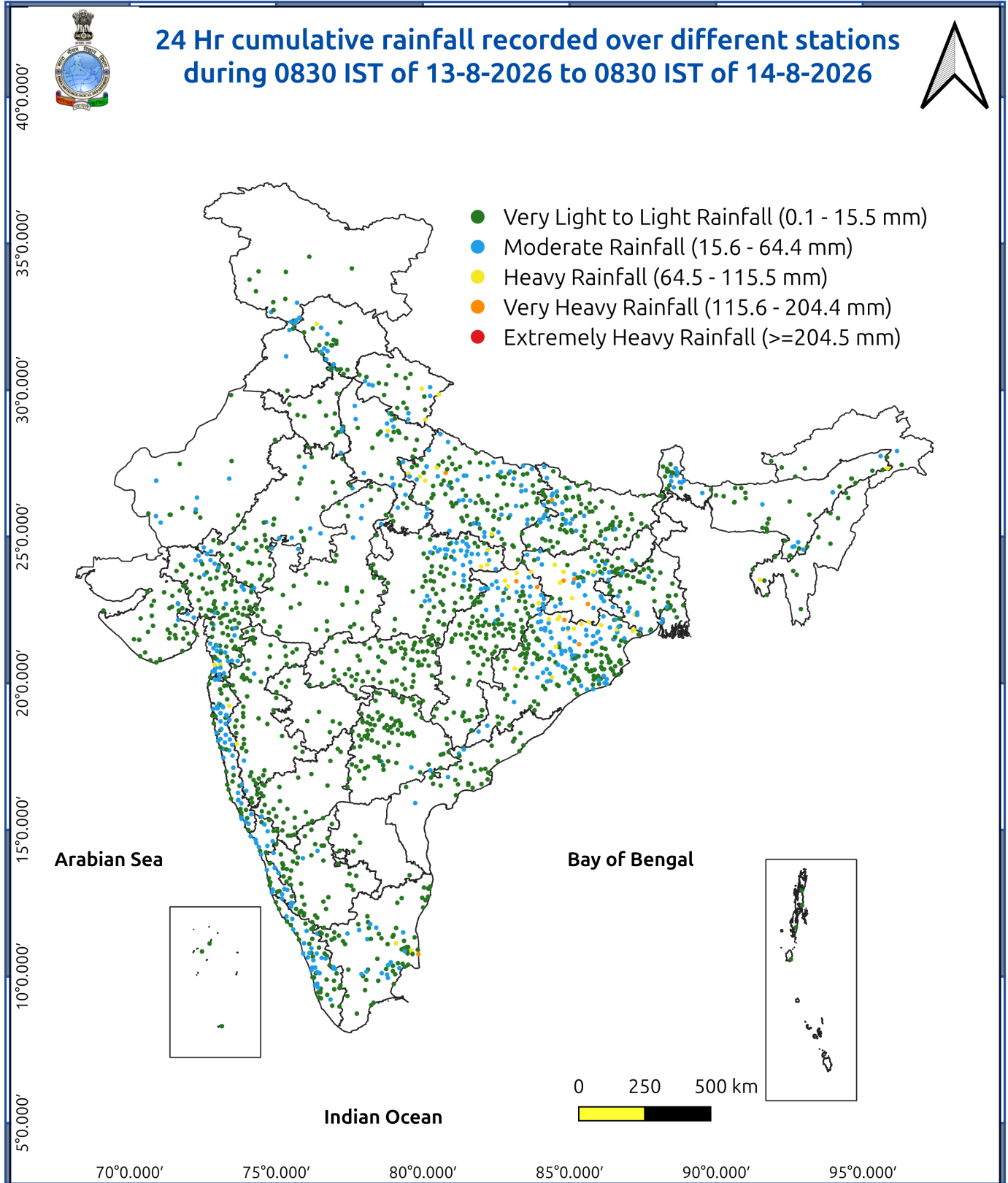


Fig. 4: Departure of Minimum Temp. Dated 2026-08-14





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Impact and Actions

Impact Expected and Action Suggested due to very heavy rainfall:

- **Heavy to very heavy rainfall** likely at isolated places over Himachal Pradesh, Uttarakhand, Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Jharkhand, Odisha on 14th 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 kutchha 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 **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 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 **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 **West Bengal and Sikkim**, 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 **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 **Jharkhand**, ensure proper drainage of excess water from crop fields and postpone fertilizer and pesticide application during wet conditions.

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- In **Bihar**, make proper arrangements for drainage of excess rainwater from crop fields and postpone the application of fertilizers and pesticides.
- In **Himachal Pradesh**, carry out harvesting of pea pods and vegetables (tomato, capsicum, brinjal, etc.) wherever possible and keep harvested produce in a safe place. Maintain proper drainage in rice, maize, finger millet, tomato, brinjal, capsicum, chilli and cucumber fields and apple and pear orchards for quick removal of excess rainwater.
- 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 **Haryana**, ensure proper field drainage in standing crop fields to prevent waterlogging and promptly remove excess rainwater from crop fields and orchards.
- In **Punjab**, keep proper drainage in the sugarcane field to avoid water stagnation. After heavy rains if water stagnates in the maize fields, drain out the excessive water to keep the plants free from bacterial stalk rot.
- In **Uttar Pradesh**, maintain proper drainage to remove excess rainwater from pigeon pea, maize, groundnut, sesame, rice, vegetable and other standing crop fields, particularly from low-lying areas prone to waterlogging.
- In **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 **Konkan and Goa**, drain out excess rainwater from rice, finger millet, turmeric, groundnut, vegetable fields and orchards to prevent water stagnation.
- In **Gujarat**, drain excess rainwater promptly from rice, cotton, pearl millet, groundnut, sesame, maize, pulses, soybean and vegetable fields.
- In **Madhya Pradesh**, maintain proper drainage in soybean, maize, pigeon pea, black gram, green gram, sesame, sorghum and vegetable fields to prevent waterlogging. Postpone sowing, intercultural operations, fertilizer and plant protection measures until field conditions become suitable.
- 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 **Vidarbha**, drain out excess water from already sown soybean, cotton, pigeon pea, sorghum, maize, rice and vegetable nurseries and orchards.
- In **Keralam**, drain out excess rainwater from plantations of banana, coconut, cardamom, ginger, black pepper and fields of turmeric and vegetables to prevent waterlogging. Provide strong support for banana plants and trellis-grown crops.
- 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.

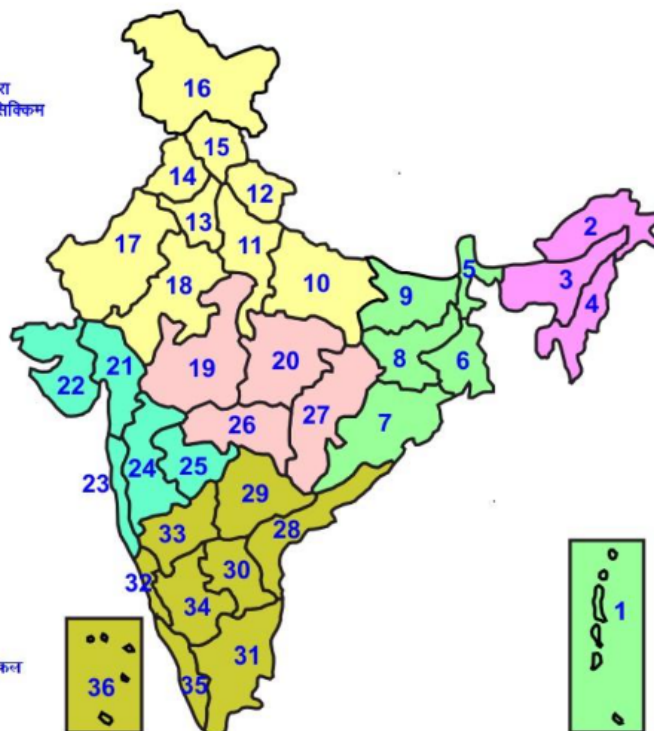
Legends & abbreviations:

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.

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

 Thunderstorm & Lightning

 Strong surface winds

 Cold Wave

 Hot & Humid

 Very Heavy Rain

 Hailstorm

 Heat Wave

 Cold Day

 Extremely Heavy Rain

 Dust Storm

 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

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

(b). Based on Actual maximum temperature

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

(c). Criteria for heat wave for coastal stations

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



When maximum temperature remains 40°C

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



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

(a). Based on departure

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

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

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

(c) For Coastal Stations

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



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

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



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

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



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



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



Ice deposits on ground

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



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

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



Effect of various waves in the sea over specific area

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



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

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

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

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

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

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