

2026-08-12

Time of Issue: 13:10:00 hours IST
(Mid-Day)

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 and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 12th-18th August; Uttarakhand during 13th-18th August.

Fairly Widespread to Widespread rainfall likely over Haryana Chandigarh & Delhi and Punjab during 14th-15th August; West Uttar Pradesh on 15th August; East Uttar Pradesh during 14th-18th August; West Rajasthan on 12th August; East Rajasthan during 12th-13th August.

Isolated to Scattered rainfall likely over Uttarakhand on 12th August.

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

Isolated thunderstorm & lightning likely over Uttarakhand during 12th-18th August; East Uttar Pradesh and West Uttar Pradesh during 13th-14th August.

Isolated heavy rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 12th-18th August; Himachal Pradesh on 13th August and during 15th-18th August; Uttarakhand on 13th August, on 15th August and on 18th August; Haryana Chandigarh & Delhi and Punjab during 14th-18th August; West Uttar Pradesh during 14th-17th August; East Uttar Pradesh during 13th-18th August; West Rajasthan during 12th-13th August; East Rajasthan during 13th-14th August with isolated **very heavy rainfall** also likely over Himachal Pradesh on 14th August; Uttarakhand on 14th August and during 16th-17th August; East Rajasthan on 12th August.

Central India:

Fairly Widespread to Widespread rainfall likely over West Madhya Pradesh during 12th-14th August; Chhattisgarh, East Madhya Pradesh and Vidarbha during 12th-18th August.

Isolated to Scattered rainfall likely over West Madhya Pradesh during 15th-18th August.

Isolated thunderstorm & lightning likely over Vidarbha during 13th-16th August; Chhattisgarh during 12th-16th August.

Isolated heavy rainfall likely over West Madhya Pradesh on 13th August and during 16th-17th August; East Madhya Pradesh on 14th August and on 17th August; Vidarbha during 12th-17th August; Chhattisgarh on 12th August and during 15th-17th August with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 12th August; East Madhya Pradesh during 15th-16th August; Chhattisgarh during 13th-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 12th-18th August; Bihar during 14th-18th August; Odisha during 12th-15th August.

Isolated to Scattered rainfall likely over Bihar during 12th-13th August; Odisha during 16th-18th August.

Isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Gangetic West Bengal during 12th-14th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands during 12th-18th August; Sub-Himalayan West Bengal & Sikkim during

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12th-14th August; Jharkhand during 12th-17th August.

Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 13th-14th August; Sub-Himalayan West Bengal & Sikkim during 13th-15th August and during 17th-18th August; Gangetic West Bengal during 12th-13th August and on 15th August; Jharkhand during 12th-13th August and during 15th-16th August; Bihar during 14th-17th August; Odisha during 12th-16th August with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 16th August; Gangetic West Bengal and Jharkhand on 14th August.

Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Odisha and Gangetic West Bengal on 12th & 13th August.

Moderate to severe lightning activity over Jharkhand on 12th August.

Northeast India:

Fairly Widespread to Widespread rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 12th-18th August.

Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 12th-16th August.

Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 12th-14th August; Nagaland, Manipur, Mizoram & Tripura during 12th-18th August with isolated **very heavy rainfall** also likely over Arunachal Pradesh and Assam & Meghalaya during 15th-18th August.

West India:

Fairly Widespread to Widespread rainfall likely over Konkan & Goa during 12th-18th August; Madhya Maharashtra during 12th-14th August; Gujarat Region during 12th-13th August.

Isolated to Scattered rainfall likely over Madhya Maharashtra during 15th-18th August; Marathwada and Saurashtra & Kutch during 12th-18th August; Gujarat Region during 14th-18th August.

Isolated **thunderstorm & lightning** likely over Gujarat Region and Saurashtra & Kutch during 12th-13th August.

Isolated **heavy rainfall** likely over Konkan & Goa during 12th-15th August; Madhya Maharashtra on 13th August and during 15th-16th August; Gujarat Region on 13th August with isolated **very heavy rainfall** also likely over Madhya Maharashtra on 12th August and on 14th August; Gujarat Region on 12th August.

South Peninsular India:

Isolated to Scattered rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 12th-18th August; Lakshadweep during 17th-18th August; North Interior Karnataka during 13th-18th August.

Fairly Widespread to Widespread rainfall likely over Coastal Karnataka and Kerala & Mahe during 12th-18th August; Lakshadweep during 12th-16th August; North Interior Karnataka on 12th August.

Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 12th-16th August; North Interior Karnataka and South Interior Karnataka during 12th-13th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 12th-14th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka during 12th-13th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 15th-16th August; Telangana during 12th-16th August.

Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 12th-14th August; Kerala & Mahe during 13th-14th August; Coastal Karnataka and South Interior Karnataka during 12th-13th August; North Interior Karnataka

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and Telangana on 12th August.

Strong Surface Winds likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 12th-13th August; Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during 12th-16th August.

Fishermen Warning:

Arabian Sea: Along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian sea adjoining north & eastcentral Arabian Sea till 15th August;

Bay of Bengal: Along and off West Bengal, Odisha coasts, most parts of northwest adjoining northeast Bay of Bengal during 11th to 15th August; off north Andhra Pradesh coasts, some parts of westcentral adjoining eastcentral Bay of Bengal during 13th to 15th August; over Andaman Sea till 15th August; few parts of southwest Bay of Bengal adjoining south Sri Lanka coasts and Comorin area till 15th August.



Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **West Madhya Pradesh:** Gogawan (dist Khargone) 22; Khargone-aws (dist Khargone), Dhoolkot (dist Burhanpur) 20 Each; Bhikangaon (dist Khargone), Jhirnya (dist Khargone) 18 Each; Sendhwa(med) (dist Barwani) 17; Khandwa (dist Khandwa) 14; Guna-aws (dist Guna), Pandhana (dist Khandwa), Khilchipur (dist Rajgarh) 12 Each; Kasarwad (dist Khargone), Thikri (dist Barwani), Rajpur (dist Barwani), Kolar (dist Bhopal) 10 Each; New Harsud (dist Khandwa), Shegaon (dist Khargone), Dharampuri Tappa (dist Dhar), Bhagwanpura (dist Khargone), Bhopal Arera Hills (dist Bhopal) 9 Each; Maheshwar (dist Khargone), Manasa (dist Neemuch), Jawad (dist Neemuch), Badnagar (dist Ujjain), Nepanagar (dist Burhanpur), Bhavgarh (dist Mandsaur) 8 Each; **East Rajasthan:** Gangrar (dist Chittorgarh) 20; Begu SR (dist Chittorgarh) 14; Nimbahera (dist Chittorgarh) 13; Chittorgarh (dist Chittorgarh), Gangdhar SR (dist Jhalawar) 11 Each; Dungla SR (dist Chittorgarh) 10; Mandalgarh (dist Bhilwara), Arnod SR (dist Pratapgarh) 8 Each; **West Uttar Pradesh:** Bijnor (dist Bijnor) 15; Meerut (dist Meerut) 10; Kalanaur (dist Saharanpur) 9; **Gujarat Region:** Shahera (dist Panchmahal) 13; Nizer (dist Tapi) 9; Kukarmunda (dist Tapi) 8; Silvassa (dist Dadara & Nagar Haveli), Rajpipala (dist Narmada) 7 Each; Sagbara (dist Narmada), Dang Kvk AWS (dist Dangs), Nandod (dist Narmada), Dediapada (dist Narmada) 6 Each; **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 12; Mahabaleshwar (dist Satara) 10; Nandurbar (dist Nandurbar), Lonavala ARG (dist Pune) 9 Each; Akkalkuwa (dist Nandurbar), Taloda (dist Nandurbar) 8 Each; Shahada (dist Nandurbar) 7; Radhanagari (dist Kolhapur), Gidhade - Fmo (dist Dhule) 6 Each; **Konkan & Goa:** Chiplun (dist Ratnagiri), Vasai (dist Palghar) 10 Each; Matheran (dist Raigad), Talasari (dist Palghar), Guhagarh (dist Ratnagiri), Pen (dist Raigad), Mhasla (dist Raigad), Kankavli (dist Sindhudurg) 9 Each; Santacruz (dist Mumbai Suburban), Dapoli ARG (dist Ratnagiri), Rajapur (dist Ratnagiri) 8 Each; **Haryana-Chandigarh-Delhi:** Sadhaura (dist Yamuna Nagar) 10; Jagadhari (dist Yamuna Nagar), Partapnagar REV (dist Yamuna Nagar) 7 Each; Chhachhrauli (dist Yamuna Nagar) 6; **West Rajasthan:** Jayal SR (dist Nagaur) 9; Parbatsar (dist Nagaur) 6; **Tamil Nadu, Puducherry & Karaikal:** Tirupuvanam (dist Sivaganga) 8; Attur (dist Salem), Ponnamaravathi (dist Pudukkottai) 6 Each; **Himachal Pradesh:** Dhaulakuan AWS (dist Sirmaur) 8; Jatton Barrage (dist Sirmaur) 7; Dhamsala (dist Kangra) 6; **Nagaland, Manipur, Mizoram & Tripura:** Udaipur (dist Gomati) 8; Sabroom (dist South Tripura), Sabroom AWS (dist South Tripura), Tulashikhar AWS (dist Khowai) 7 Each; Gokulpur AWS (dist Gomati), Khowai (dist Khowai), Khowai CWC (dist Khowai) 6 Each; **Assam & Meghalaya:** Chauldhowaghat (dist Lakhimpur), Dhemaji (dist Dhemaji) 8 Each; Chouldhuwaghat ARG (dist Lakhimpur) 7; **Jharkhand:** Simdega (dist Simdega) 7; Kolebira (dist Simdega) 6; **East Madhya Pradesh:** Amarkantak (dist Anuppur) 7; **Odisha:** Barkote (dist Deogarh) 7; Joshipur (dist Mayurbhanj), Suliapada (dist Mayurbhanj) 6 Each; **Vidarbha:** Lonar (dist Buldhana), Washim (dist Washim) 7 Each; **Chhattisgarh:** Odagi (dist Surajpur) 7; Wandrafanagar (dist Balrampur), Doura Kochali (dist Balrampur) 6 Each; **Kerala & Mahe:** Ayyankunnu AWS (dist Cannur) 6; **South Interior Karnataka:** Sringeri HMS (dist Chikkamagaluru), Agumbe AWS (dist Shivamogga) 6 Each; **Telangana:** Dahegaon (dist Kumaram Bheem) 6; **Marathwada:** Jafrabad (dist Jalna) 6; **Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad:** Malangpura AWS (dist Pulwama) 6; **Punjab:** Ranjit Sagar Dam Site (dist Pathankot) 6.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today):

Extremely heavy rainfall has been recorded at isolated places over East Rajasthan and West Madhya Pradesh; **Very Heavy rainfall** over Madhya Maharashtra, Gujarat Region, West Uttar Pradesh; **Heavy rainfall** over Arunachal Pradesh, Assam, Tripura, Odisha, Jharkhand, Himachal Pradesh, Punjab, Haryana, West Rajasthan, East Madhya Pradesh, Chhattisgarh, Konkan, Tamil Nadu, South Interior Karnataka, Coastal Karnataka

❖ **Minimum Temperature Departures (as on 12-08-2026): 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, Himachal Pradesh, West Madhya Pradesh, East Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Sub Himalayan West Bengal & Sikkim; at

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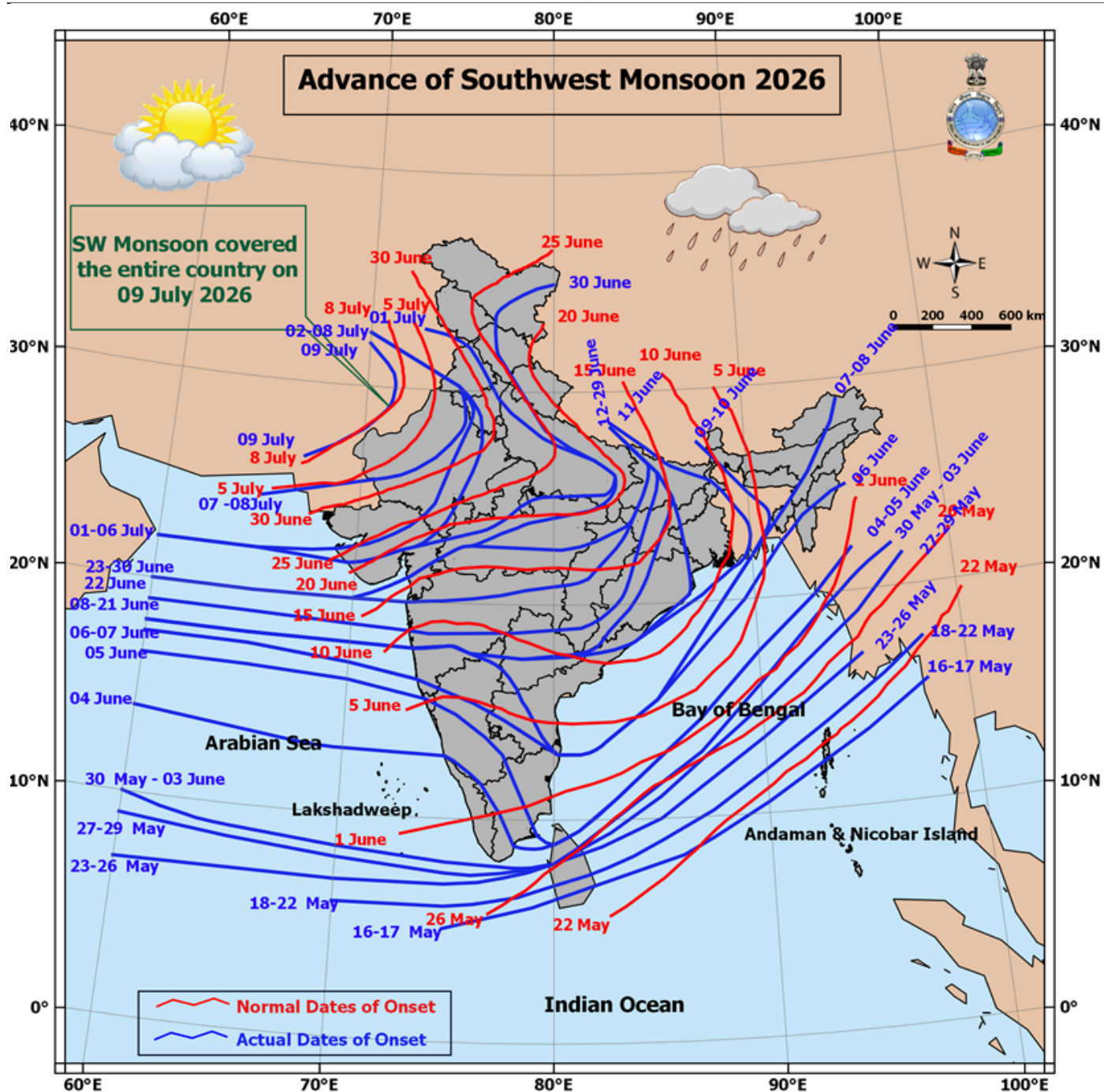
isolated places over Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, West Rajasthan, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at many places over Sub Himalayan West Bengal & Sikkim, Coastal Andhra Pradesh & Yanam and Rayalaseema; at few places over Andaman & Nicobar Islands, Assam & Meghalaya, East Uttar Pradesh, Uttarakhand, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and Lakshadweep; at isolated places over Gangetic West Bengal, Odisha, Bihar, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Madhya Maharashtra, Vidarbha, Telangana, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Odisha, Bihar, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, West Madhya Pradesh, Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Marathwada, Vidarbha and Lakshadweep; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Punjab, West Rajasthan, East Rajasthan, Madhya Maharashtra, Chhattisgarh, Telangana, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe; at few places over Andaman & Nicobar Islands, East Uttar Pradesh, Uttarakhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Madhya Pradesh, Coastal Andhra Pradesh & Yanam and Rayalaseema; at isolated places over Assam & Meghalaya. **The lowest minimum temperature** of 17.4°C was reported at KHARGONE-OBS (MADHYA PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 11-08-2026): markedly above normal(> 5.1°C)** at many places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at most places over Arunachal Pradesh; at isolated places over Himachal Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Coastal Andhra Pradesh & Yanam; at isolated places over Bihar, West Rajasthan 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 Odisha. **near normal(-1.5°C to 1.5°C)** at many places over Gangetic West Bengal; at few places over East Uttar Pradesh and Lakshadweep; at isolated places over Andaman & Nicobar Islands, West Uttar Pradesh, Uttarakhand, Punjab, East Rajasthan, Saurashtra & Kutch, Konkan & Goa and Telangana. **The highest maximum temperature** of 40.4°C was reported at JAISALMER (RAJASTHAN).



Meteorological Analysis (Based on 0830 hours IST)

- The **low pressure area** over the North Bay of Bengal off West Bengal-Bangladesh coasts persisted over the same region at 0830 hrs IST of today, the 12th August 2026. The associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height. It is likely to become a Well-Marked Low Pressure are over the same region during the next 12 hours. Thereafter, it is likely to concentrate into Depression and move Northwestwards across West Bengal and adjoining Bangladesh coasts during subsequent 24 hours.
- The **Low Pressure Area** over northwest Madhya Pradesh & neighbourhood persisted over the same region at 0830 hrs IST of today, 12th August, 2026. The associated cyclonic circulation persists and now extends upto 7.6 km above mean sea level tilting southwards with height.
- The **Monsoon trough** at mean sea level now passes through Bikaner, centre of Low **Pressure Area** over northwest Madhya Pradesh & neighbourhood, Satna, Daltonganj, centre of Low **Pressure Area** over North Bay of Bengal off West Bengal-Bangladesh coasts 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.
- An **upper air cyclonic circulation** lies over South Haryana & neighbourhood at 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood at 0.9 km above mean sea level persists.

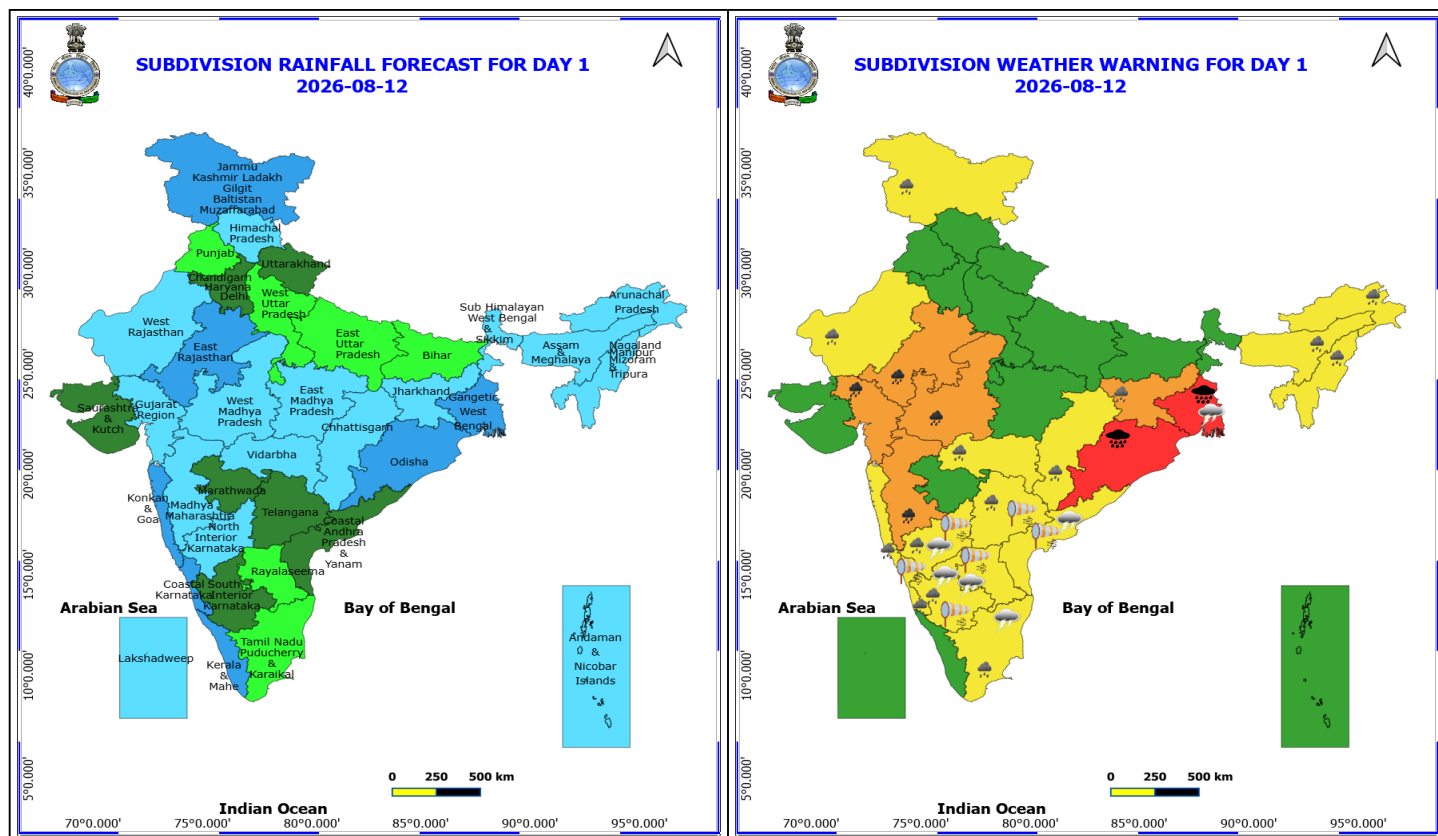


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12 August (Day 1)

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

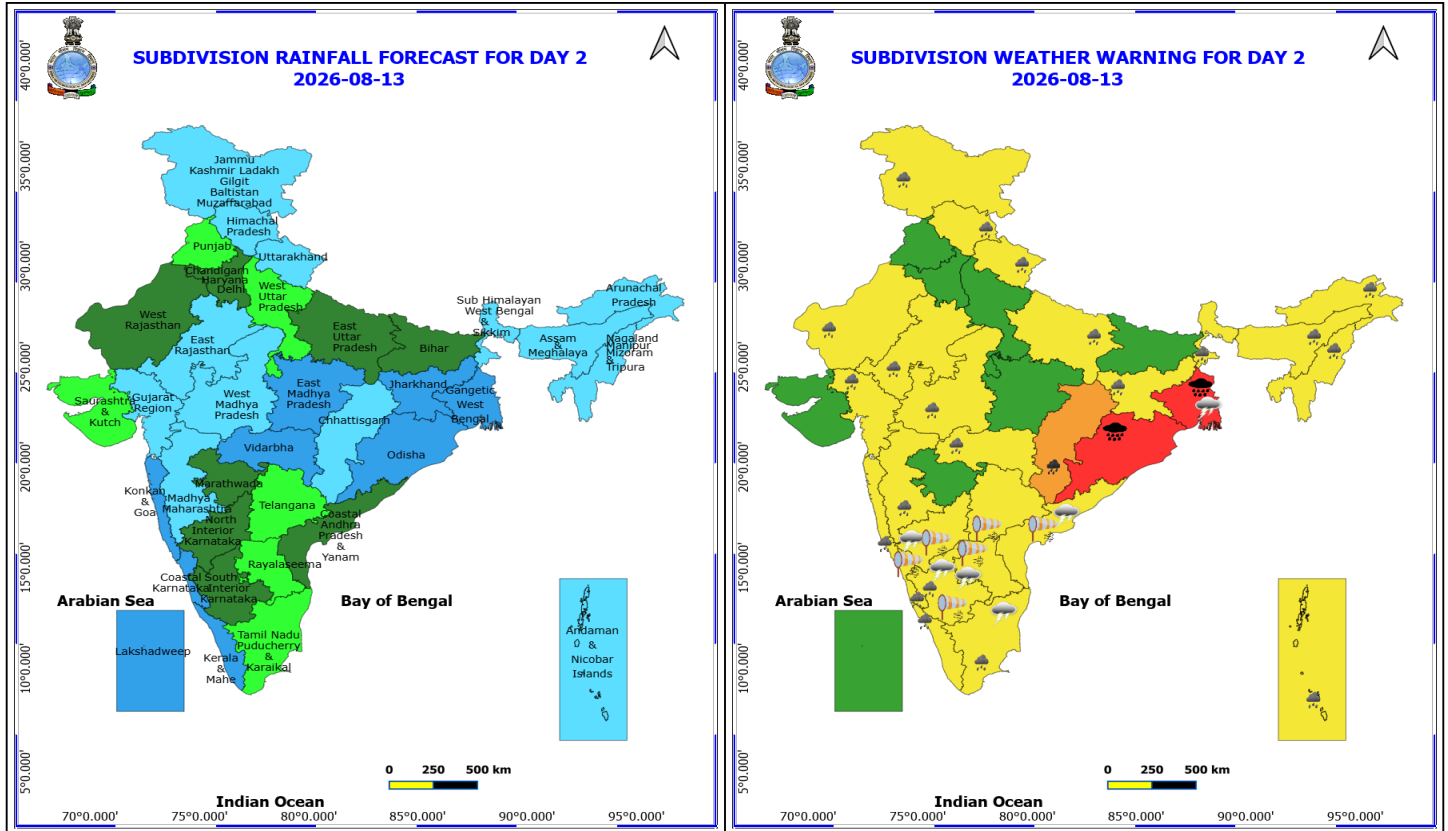
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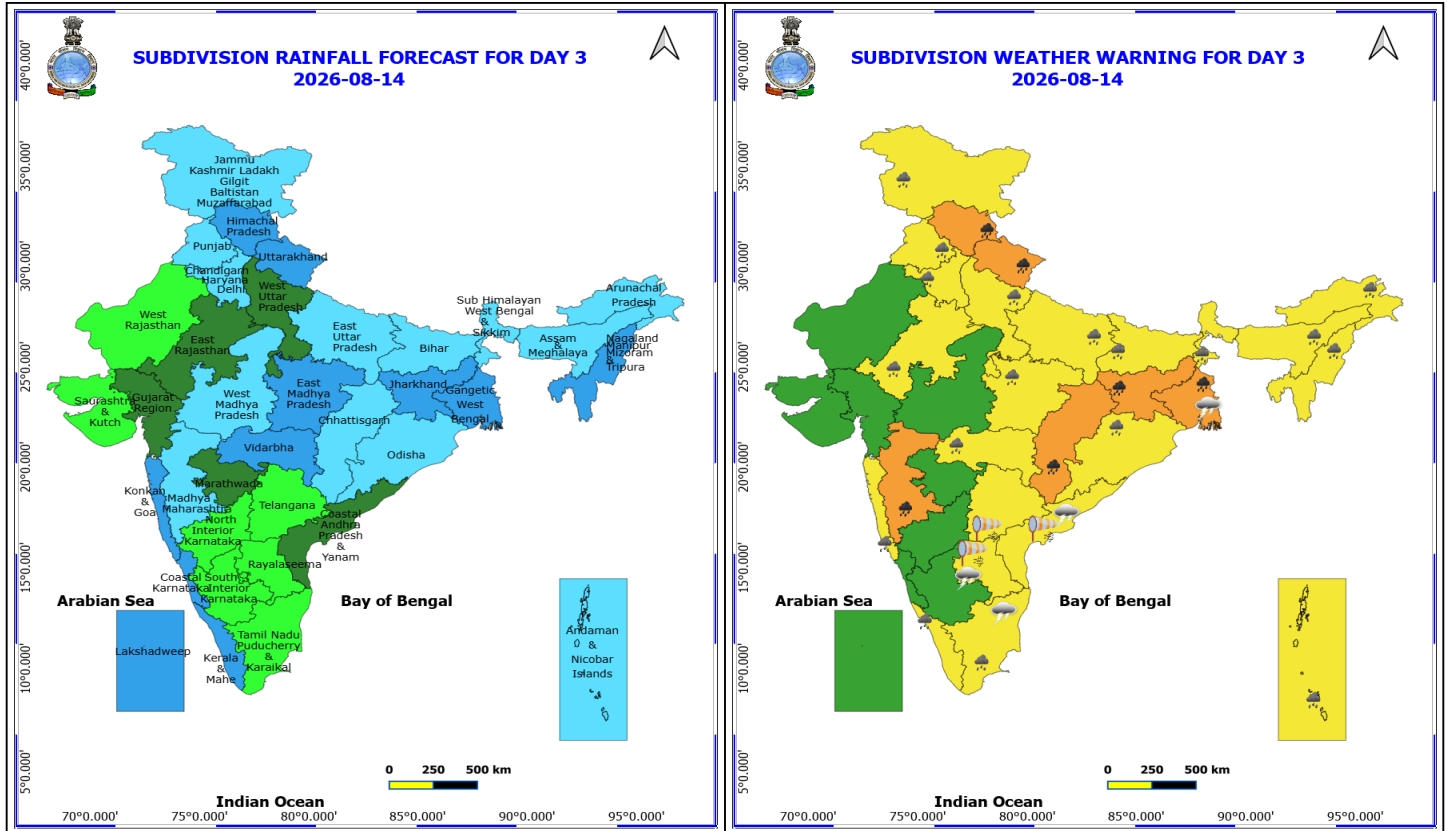
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13 August (Day 2)

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

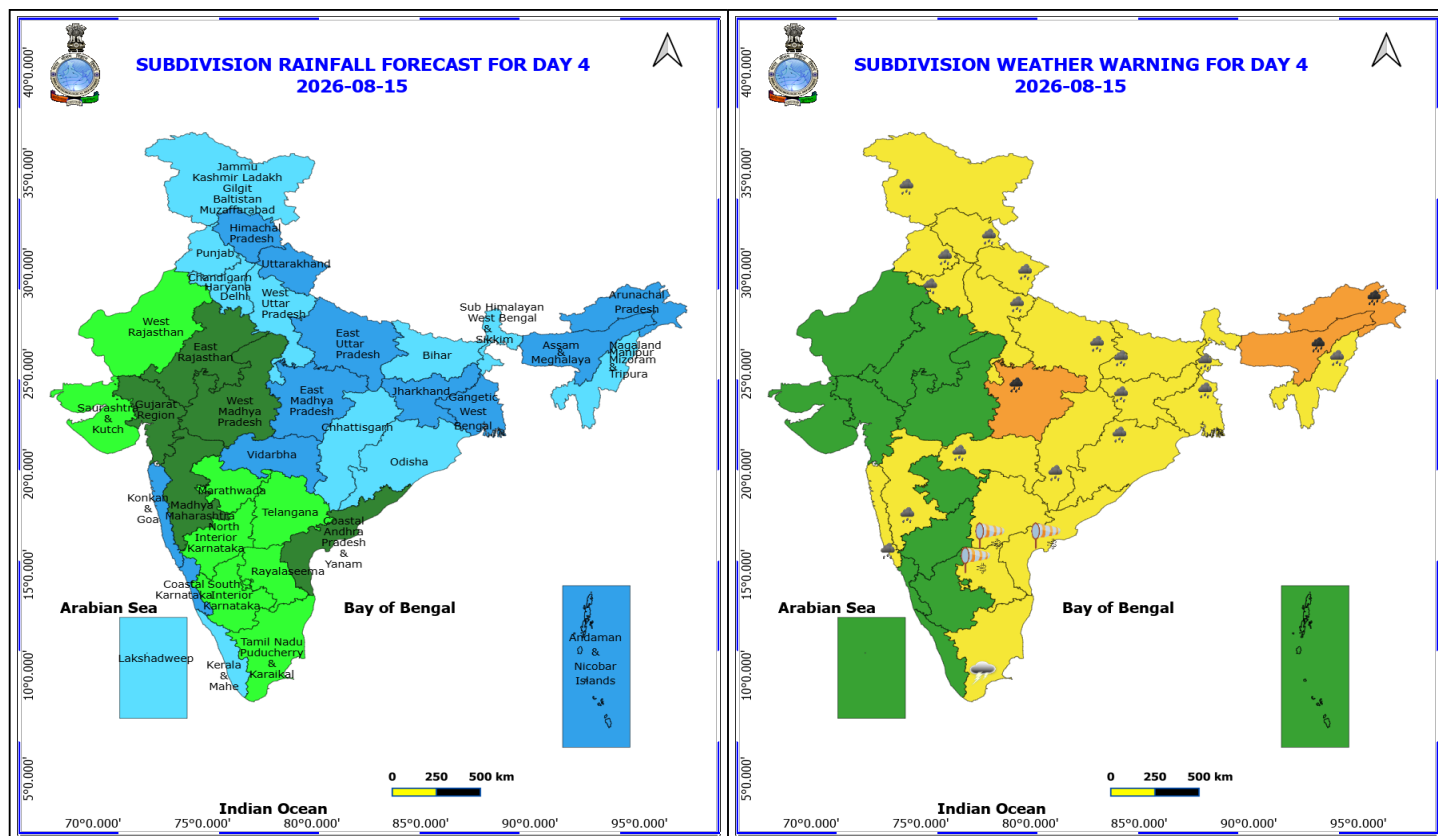
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14 August (Day 3)

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

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15 August (Day 4)

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

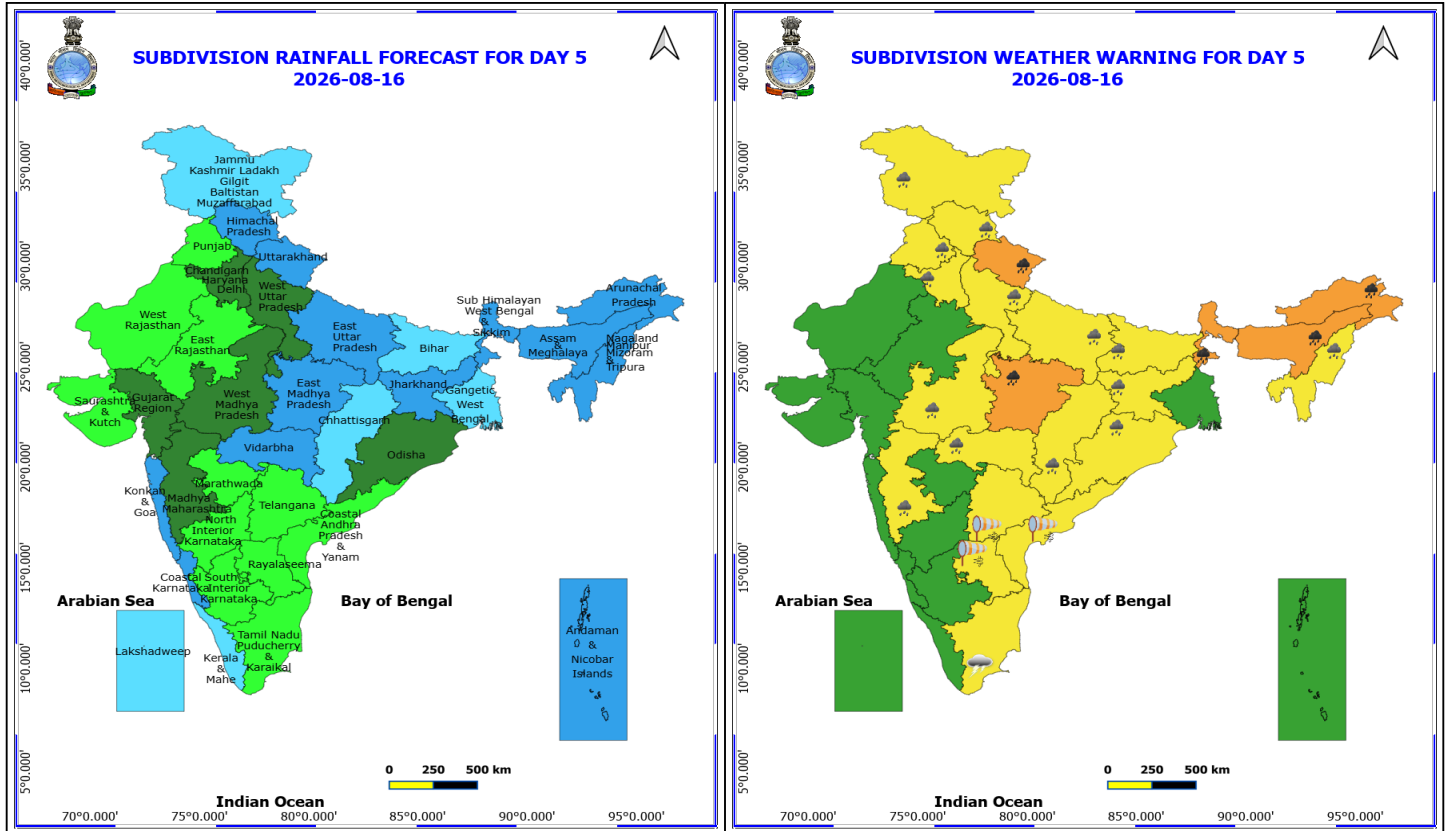
No Fishermen Warning

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16 August (Day 5)

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

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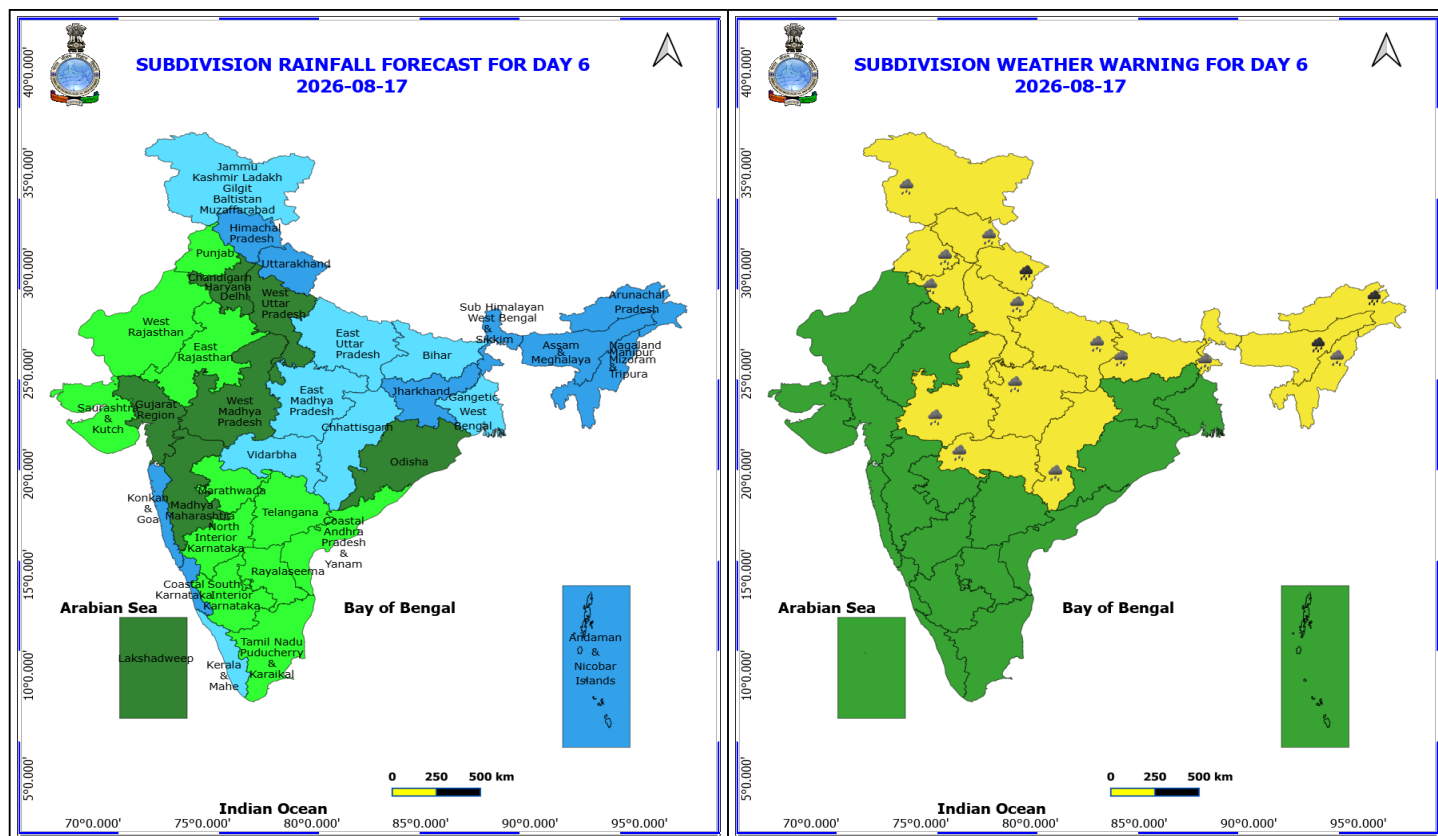
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❖ Squally Weather with wind speed 40-50 kmph gusting to 60 kmph is likely to prevail along and off West Bengal, Odisha and north Andhra Pradesh coasts adjoining northwest & some parts of northeast and most parts of central Bay of Bengal.



17 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Punjab, Sub Himalayan West Bengal & Sikkim, Uttar Pradesh and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

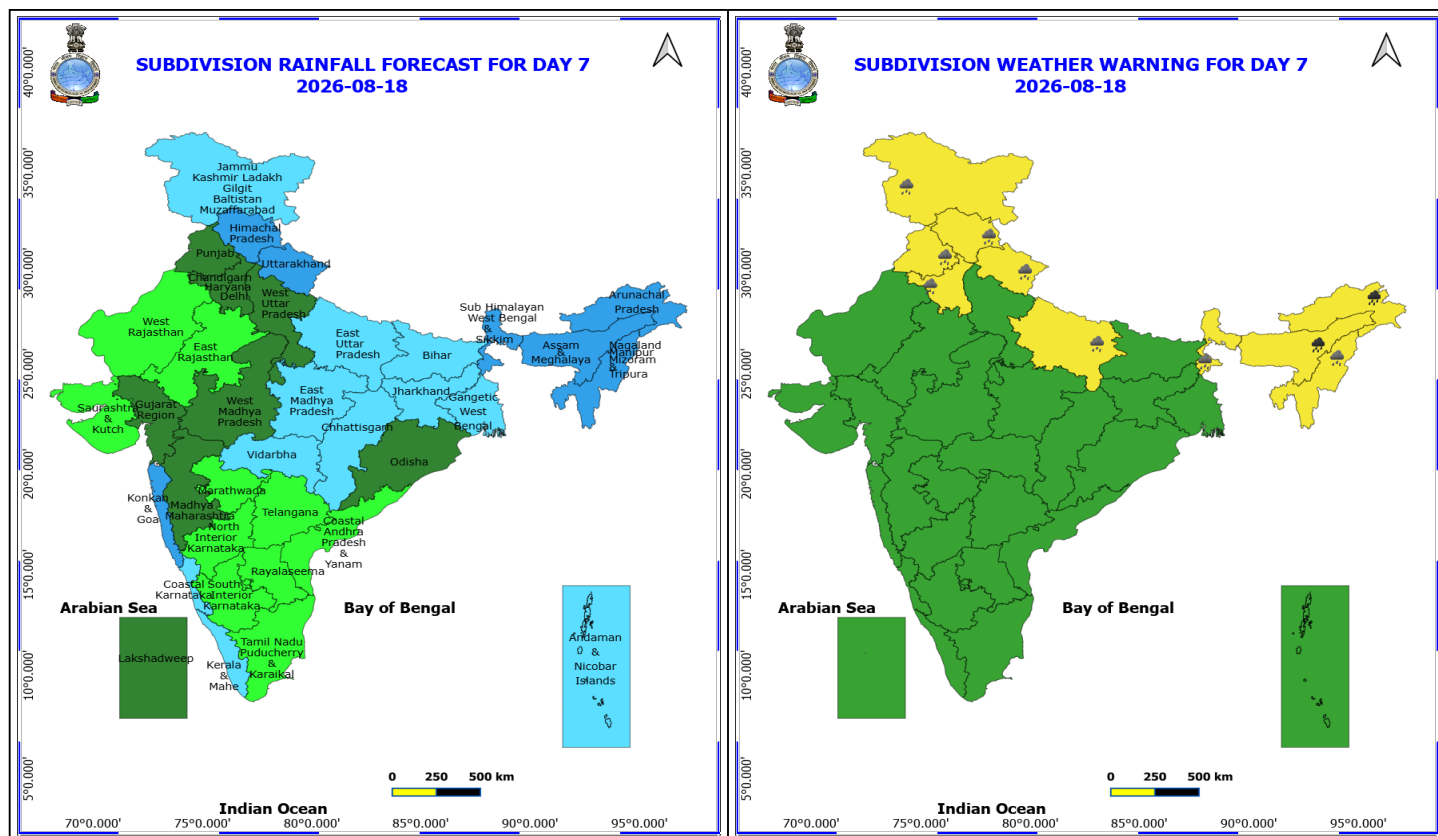
No Fishermen Warning

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18 August (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Punjab, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning

Flash Flood Warnings

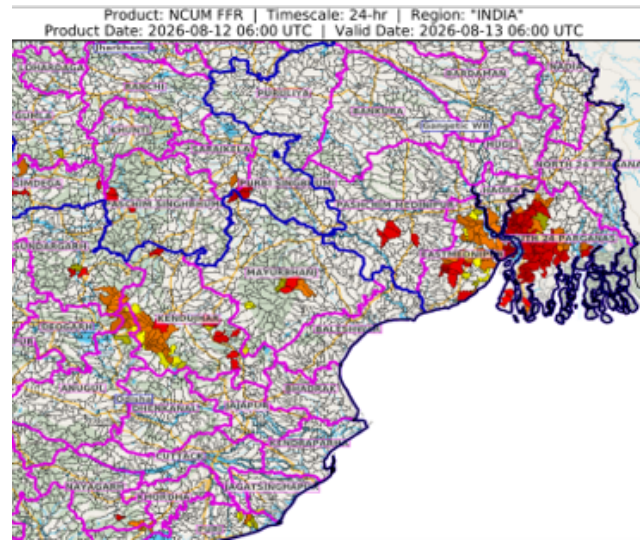
Flash Flood Risk (FFR) till 1130 IST of 13-08-2026:

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

Odisha: Keonjhar, Mayurbhanj, Nayagarh, Puri and Sundargarh districts

Gangetic West Bengal: West Midnapore, East Midnapore, South 24 Parganas and Howrah districts

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



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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	12- Aug	13- Aug	14- Aug	15- Aug	16- Aug	17- Aug	18- Aug
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	WS	WS	WS	FWS
2	ARUNACHAL PRADESH	FWS	FWS	FWS	WS	WS	WS	WS
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	WS	WS	WS	WS
4	N. M. M. & T.	FWS	FWS	WS	FWS	WS	WS	WS
5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	FWS	FWS	WS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	WS	WS	FWS	FWS	FWS
7	ODISHA	WS	WS	FWS	FWS	SCT	SCT	SCT
8	JHARKHAND	FWS	WS	WS	WS	WS	WS	FWS
9	BIHAR	ISOL	SCT	FWS	FWS	FWS	FWS	FWS
10	EAST UTTAR PRADESH	ISOL	SCT	FWS	WS	WS	FWS	FWS
11	WEST UTTAR PRADESH	ISOL	ISOL	SCT	FWS	SCT	SCT	SCT
12	UTTARAKHAND	SCT	FWS	WS	WS	WS	WS	WS
13	HARYANA, CHD & DELHI	SCT	SCT	FWS	FWS	SCT	SCT	SCT
14	PUNJAB	ISOL	ISOL	FWS	FWS	ISOL	ISOL	SCT
15	HIMACHAL PRADESH	FWS	FWS	WS	WS	WS	WS	WS
16	JAMMU AND KASHMIR AND LADAKH	WS	FWS	FWS	FWS	FWS	FWS	FWS
17	WEST RAJASTHAN	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	WS	FWS	SCT	SCT	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	FWS	FWS	FWS	SCT	SCT	SCT	SCT
20	EAST MADHYA PRADESH	FWS	WS	WS	WS	WS	FWS	FWS
21	GUJRAT REGION	FWS	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	SCT	SCT
25	MARATHWADA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	WS	WS	WS	WS	FWS	FWS
27	CHATTISGARH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
29	TELANGANA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	FWS
33	NORTH INTERIOR KARNATAKA	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA	WS	WS	WS	FWS	FWS	FWS	FWS
36	LAKSHDWEEP	FWS	WS	WS	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 2026-08-11

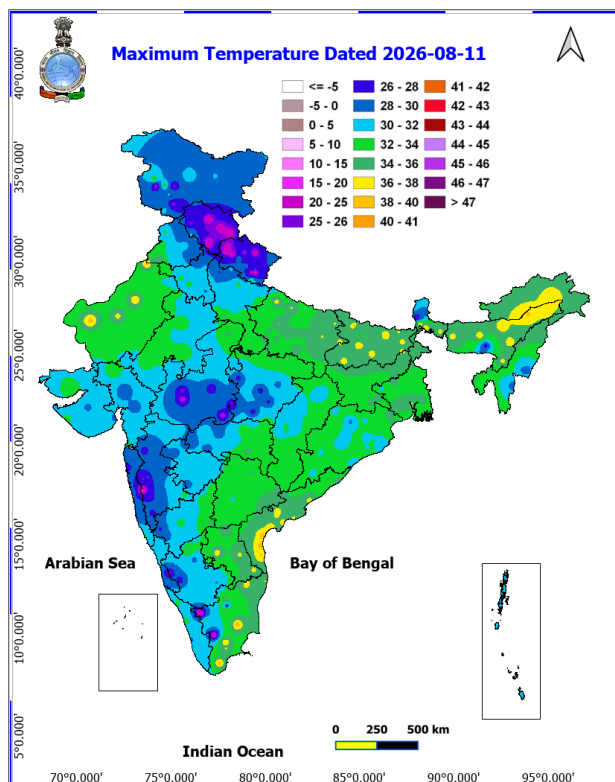


Fig. 2: Departure of Maximum Temp. Dated 2026-08-11

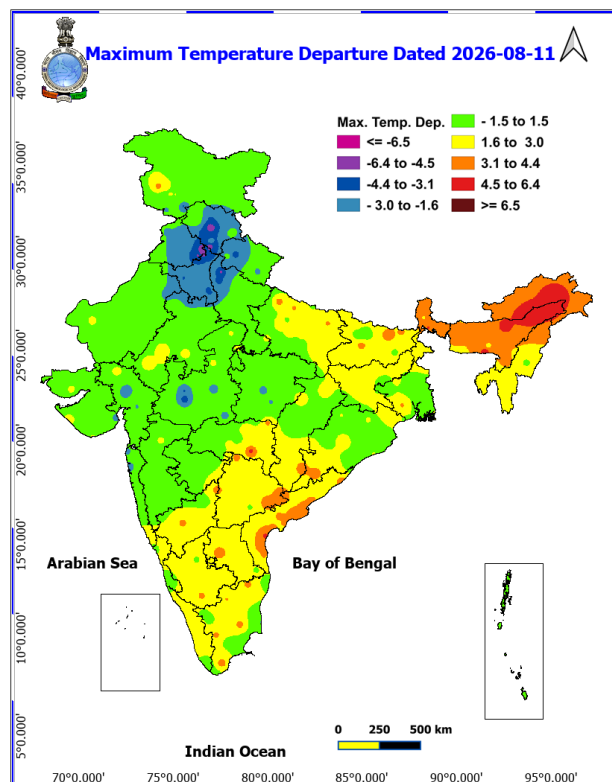


Fig. 3: Minimum Temperatures Dated 2026-08-12

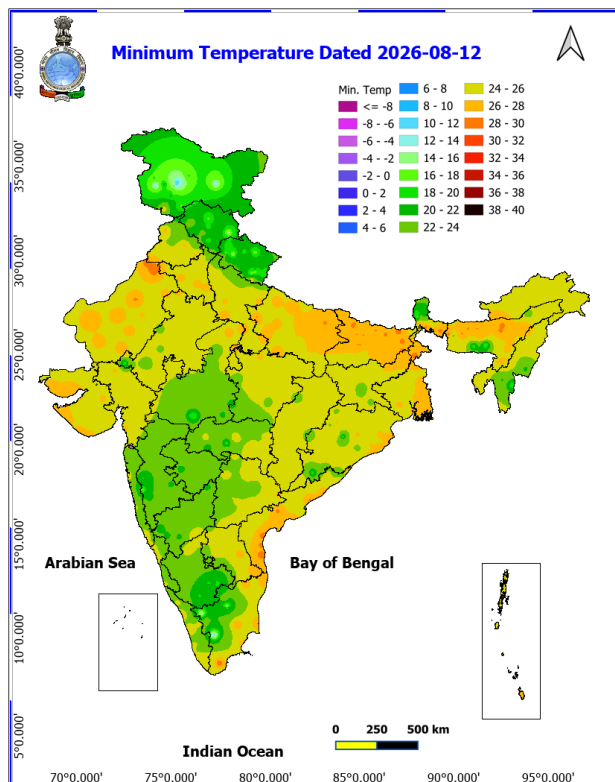
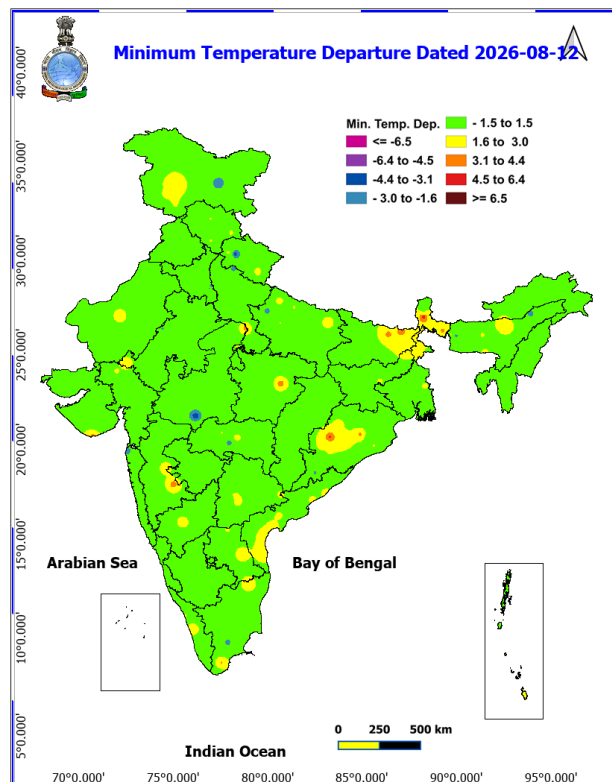
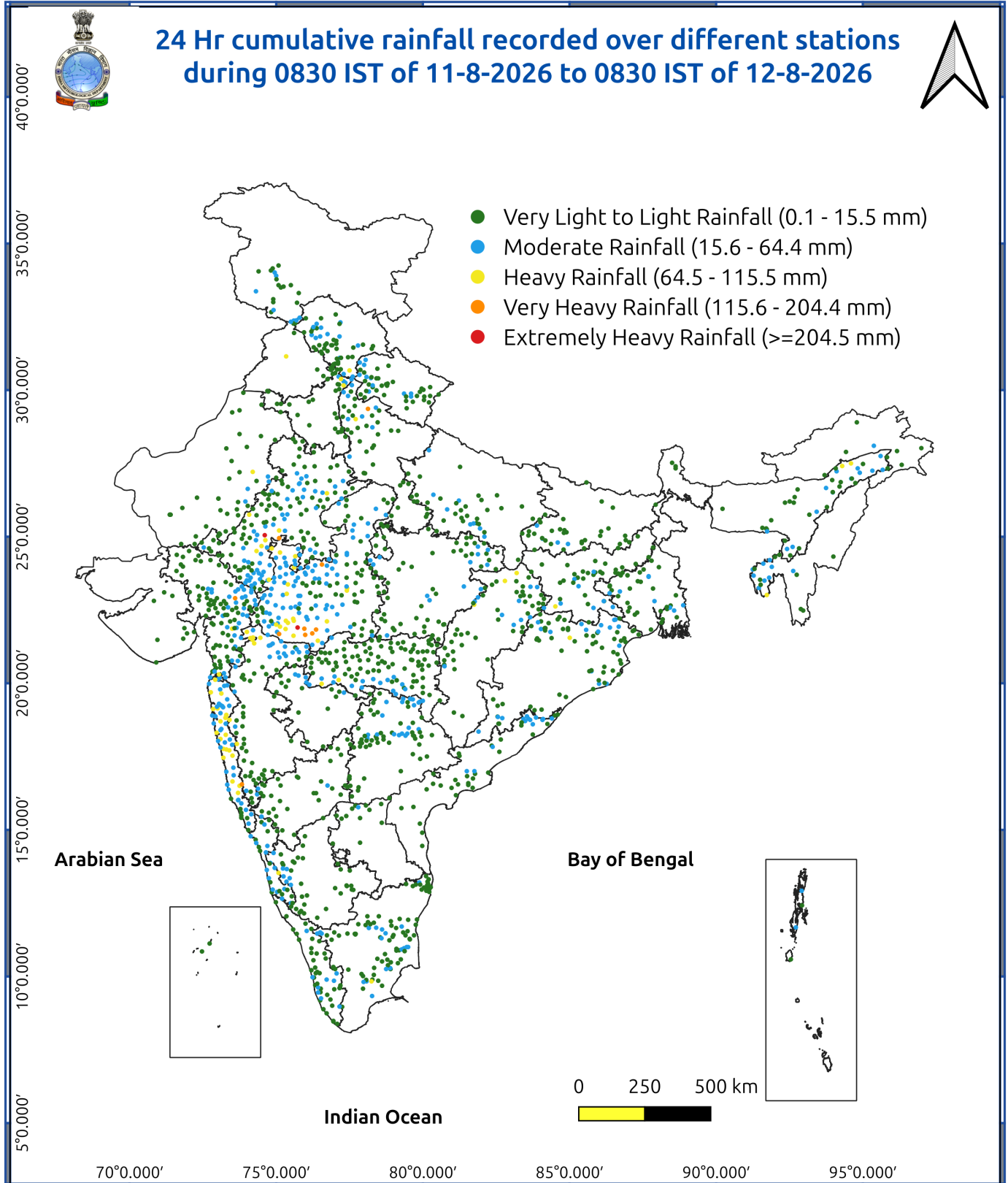


Fig. 4: Departure of Minimum Temp. Dated 2026-08-12





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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 Odisha and Gangetic West Bengal on 12th & 13th August.

Isolated very heavy rainfall over western Himalayan region, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh, West Madhya Pradesh, Gujarat Region, Odisha on 12th August.

Moderate to severe lightning activity over Jharkhand on 12th 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 throughout the rainfall period. In flooded areas, postpone sowing/re-sowing of maize and green gram and avoid water stagnation in pearl millet. Provide staking to vegetables, propping to banana, papaya and young horticultural plants. In transplanted rice, maintain emergency outlets to prevent prolonged submergence of seedlings.

In **West Bengal**, ensure continuous drainage in transplanted Aman paddy, jute and vegetable fields and promptly remove excess water from low-lying areas. Strengthen bunds around rice nurseries and maintain field channels to prevent prolonged waterlogging. Avoid fertilizer and pesticide application during rainy periods and harvest mature crops wherever field conditions permits, store the harvested produce in a safe and dry place.

In **Chhattisgarh**, maintain effective drainage in rice, maize, soybean, pigeon pea, black gram, green gram, finger millet, little millet, kodo millet and vegetable fields, particularly in low-lying areas. Strengthen field bunds and drainage channels. Continue rice transplanting and sowing of kharif crops only where field conditions permit, and provide staking to tomato, chilli and other vegetable crops and support to papaya and other fruit plants.

In **Gujarat**, keep field channels open and free from blockage and drain excess rainwater promptly from rice, cotton, pearl millet, groundnut, sesame, maize, pulses, soybean and vegetable fields. Avoid sowing, transplanting, fertilizer application and plant protection operations until field conditions improve. Provide support to banana, papaya and vegetable crops.

In **Madhya Maharashtra**, in *Ghat* areas, drain out excess rainwater from rice, finger millet and vegetable fields and keep drainage channels clear to prevent water stagnation. Postpone intercultural operations, fertilizer application and

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plant protection measures until field conditions become suitable.

In **Arunachal Pradesh**, drain out excess water from rice, maize, soybean and finger millet fields and remove mud and debris from affected crops. Maintain proper drainage in vegetables and orchards. Harvest mature maize cobs, cucumbers, bottle gourds and other cucurbits wherever possible and provide propping to banana plants to prevent lodging.

In **Assam**, maintain proper drainage in rice, sugarcane, soybean, jute, sesame and vegetable fields. Drain excess water from low-lying rice fields and avoid water stagnation in sugarcane. Complete rice transplanting only where field conditions permit and postpone sowing of sesame, green gram and black gram until field conditions improve.

In **Meghalaya**, avoid transplanting rice and maintain proper drainage in rice, maize, cowpea, okra and ginger fields. Keep drainage channels open and prevent standing water around crop root zones. Harvest mature banana fruits and provide support to heavily laden plants 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. Postpone field operations, fertilizer application and plant protection measures during wet conditions and provide staking/support to vulnerable crops wherever required.

In **Jharkhand**, ensure proper drainage of excess water from crop fields and postpone fertilizer and pesticide application during wet conditions. Continue sowing of pigeon pea and kharif maize and nursery sowing/transplanting of rice and finger millet only where field drainage and soil conditions are suitable.

In **Uttarakhand**, maintain proper 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 **Rajasthan**, maintain proper drainage in soybean, maize and other standing crop fields, particularly in low-lying areas. Keep drainage gates open in rice nurseries and postpone paddy transplanting during heavy rainfall. Undertake sowing of pearl millet, cluster bean, green gram, moth bean and other kharif crops only when adequate soil moisture and suitable field conditions prevail.

In **Konkan and Goa**, drain out excess rainwater from rice, finger millet, turmeric, groundnut, vegetable fields and orchards to prevent water stagnation. Keep field drainage channels clear and undertake rice transplanting only where field conditions permit.

In **West Madhya Pradesh**, maintain proper drainage in soybean, maize, transplanted paddy, brinjal, chilli, tomato and okra fields to prevent water stagnation. Postpone irrigation, intercultural operations, fertilizer application and plant protection measures until field conditions become suitable. Provide support to banana, papaya and vegetable crops and undertake propping in sugarcane wherever required.

In **Vidarbha**, drain out excess water from already sown soybean, cotton, pigeon pea, sorghum, maize, rice and vegetable nurseries and orchards. Continue gap filling and thinning only where field conditions permit and transplant rice and vegetable seedlings after excess water has drained and soil conditions become suitable.

In **Tamil Nadu**, maintain proper 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.

In **Karnataka**, maintain proper drainage in paddy fields, arecanut plantations, orchards, maize and ginger fields to prevent waterlogging. Delay rice transplanting in areas receiving heavy rainfall and undertake sowing of maize and other kharif crops only when field conditions permit. Provide staking/support to banana and other vulnerable crops where required.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

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

Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry / Fisheries

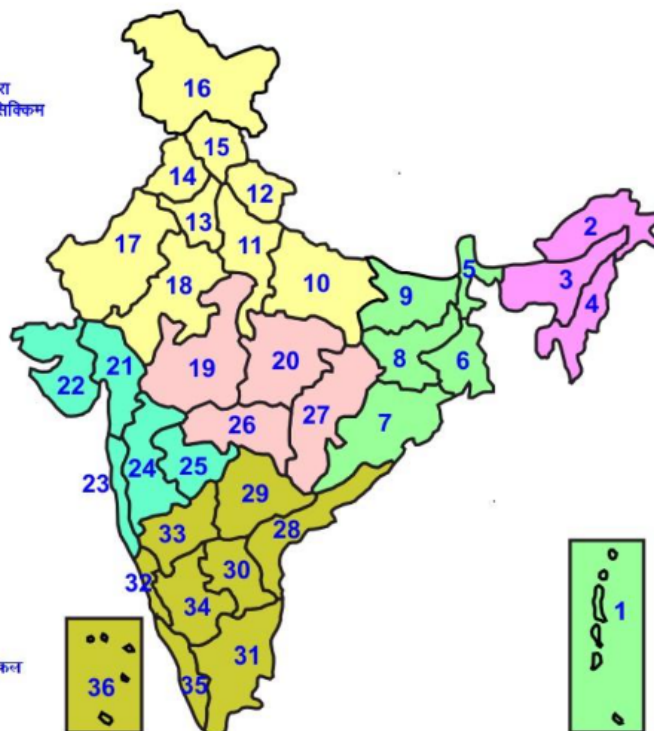
Keep the animals inside the shed during heavy rainfall and provide them balanced feed.

Store the feed and fodder in a safe place to prevent spoilage.

Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

LEGENDS

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



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

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 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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