

2025-07-31

Time of Issue: 13:36:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings

Northwest India:

- Isolated **heavy rainfall** likely over Jammu-Kashmir on 31st July & during 04th & 06th August; Himachal Pradesh & Uttarakhand during 31st July-06th August; Punjab on 31st July, 03rd & 04th August; Haryana, Chandigarh on 31st July & during 02nd -05th August; East Uttar Pradesh during 02nd-05th August; West Uttar Pradesh on 31st July & during 03rd-05th August; West Rajasthan on 31st July & 01st August; East Rajasthan on 31st July, 01st August & during 03rd -06th August with isolated **very heavy rainfall** over Rajasthan on 31st July.
- Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely over Western Himalayan region and many/some places over the plains during next 7 days.

Northeast India:

- Extremely heavy rainfall** very likely at isolated places over Assam & Meghalaya on 02nd August.
- Light/moderate rainfall at many places accompanied with thunderstorm, lightning and isolated **heavy rainfall** likely to continue over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 31st July-06th August with isolated **very heavy rainfall** over Arunachal Pradesh during 01st-06th August; Assam & Meghalaya during 31st July-03rd & 06th August.

East & Central India:

- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 31st July-07th August; Gangetic West Bengal, Jharkhand on 31st July & 01st August; Bihar during 31st July-05th August; Odisha on 31st July; Chhattisgarh on 01st August; Madhya Pradesh on 31st July & during 04th-06th August with isolated **very heavy rainfall** over Sub-Himalayan West Bengal & Sikkim during 02nd-04th; Bihar on 02nd & 03rd August.
- Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 5 days.

South Peninsular India:

- Isolated **heavy rainfall** likely over Tamil Nadu, Kerala & Mahe during 02nd-06th August.
- Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India during next 5 days.
- Light to moderate rainfall at some/many places over Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema, Coastal Andhra Pradesh & Yanam and Telangana during next 7 days.

West India:

- Light to moderate rainfall at many/some places very likely over the region during next 6-7 days.

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Main Weather Observations:

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

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **East Rajasthan:** Shahpura SR (dist Jaipur) 16; Mandalgarh (dist Bhilwara), Kotputli (dist Jaipur) 12 Each; Piplu SR (dist Tonk) 11; Paowta (dist Jaipur) 9; Viratnagar SR (dist Jaipur) 8; Neemkathana SR (dist Sikar), Jamwaramgarh SR (dist Jaipur), Tonk Tehsil SR (dist Tonk) 7 Each; **Jharkhand:** Putki Dvc (dist Dhanbad) 14; Dhanbad (dist Dhanbad) 10; Putki (dist Dhanbad) 9; Chandankiary (dist Bokaro), Sindri Dvc (dist Dhanbad) 8 Each; Maithon (dist Dhanbad), Panchet (dist Dhanbad) 7 Each; **West Madhya Pradesh:** Indergarh (dist Datia) 12; Datia-aws (dist Datia) 10; Biora (dist Rajgarh) 8; Ambah (dist Morena) 7; **Sub Himalayan West Bengal & Sikkim:** Amfu Kalimpong (dist Kalimpong) 11; Kalimpong (dist Kalimpong) 10; Algarah (dist Kalimpong), Lava (dist Kalimpong) 9 Each; Jhallong (dist Kalimpong) 8; Namthang (dist Namchi) 7; **Gangetic West Bengal:** Canning (dist South 24 Parganas) 11; Bankura(CWC) (dist Bankura) 10; Sagar Island PTO (dist South 24 Parganas) 8; Bankura (dist Bankura), Mo Saltlake (dist North 24 Parganas) 7 Each; **West Uttar Pradesh:** Rath (dist Hamirpur) 11; Tundla (dist Firozabad), Mavi Fmo (dist Shamli) 8 Each; Jhansi (dist Jhansi), Budhana (dist Muzaffarnagar) 7 Each; **Assam & Meghalaya:** Cherrapunji (dist East Khasi Hills), Sonari ARG (dist Charaideo) 10 Each; Cherrapunji(rkm) (dist East Khasi Hills) 8; Shella (dist East Khasi Hills) 7; **West Rajasthan:** Ratargarh (dist Churu) 10; **Chhattisgarh:** Kusmi (dist Balrampur) 9; **Bihar:** Sherghati (dist Gaya), Dobhi (dist Gaya) 9 Each; Rafiganj (dist Aurangabad) 7; **East Madhya Pradesh:** Devendranagar (dist Panna) 8; **Punjab:** Malerkotla (dist Sangrur) 8; **Haryana-Chandigarh-Delhi:** Meham (dist Rohtak), Bapouli (dist Panipat) 8 Each; Manethi REV (dist Rewari), Rohtak REV (dist Rohtak) 7 Each; **Odisha:** Aul (dist Kendrapara) 8.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Jharkhand, East Rajasthan and West Madhya Pradesh. **Heavy rain** at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Bihar, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, West Rajasthan, East Madhya Pradesh and Chhattisgarh.

❖ **Minimum Temperature Departures (as on 31-07-2025):** **markedly above normal(> 5.1°C)** at many places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, East Rajasthan and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh and Gujarat Region. **above normal(1.6°C to 3.0°C)** at few places over Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal and Coastal Karnataka; at isolated places over Odisha, Konkan & Goa, Marathwada, Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Uttarakhand, Haryana-Chandigarh-Delhi and Chhattisgarh; at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Vidarbha, Telangana and North Interior Karnataka; at few places over Punjab and Lakshadweep. **The lowest minimum temperature** of 17.6°C is reported at NARSINGHPUR (MADHYA PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 30-07-2025):** **markedly above normal(> 5.1°C)** at few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Assam & Meghalaya and Odisha. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at most places over Arunachal Pradesh; at few places over Coastal Andhra Pradesh & Yanam; at isolated places over Andaman & Nicobar Islands, East Uttar Pradesh, Uttarakhand and Telangana. **near normal(-1.5°C to 1.5°C)** at many places over Sub Himalayan West Bengal & Sikkim, Himachal Pradesh, Gujarat Region, Madhya Maharashtra, Chhattisgarh and Rayalaseema; at

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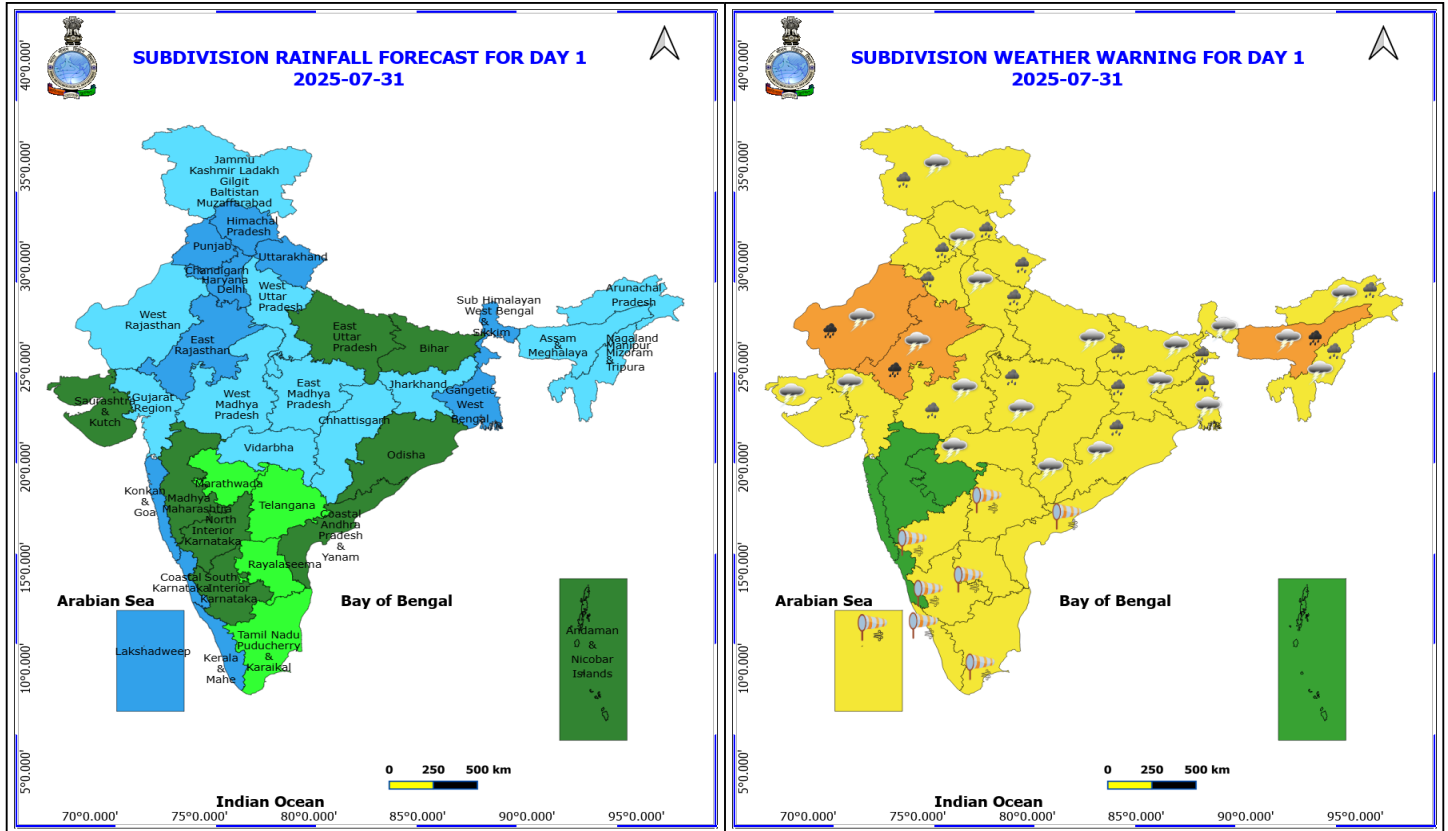
most places over Bihar, Saurashtra & Kutch, Konkan & Goa, Vidarbha, Coastal Karnataka, South Interior Karnataka and Lakshadweep; at few places over Jharkhand, West Uttar Pradesh, West Rajasthan, Marathwada and North Interior Karnataka; at isolated places over Gangetic West Bengal, Haryana-Chandigarh-Delhi, Punjab, West Madhya Pradesh and East Madhya Pradesh. **The highest maximum temperature** of 40.5°C is reported at MADURAI (A) (TAMIL NADU).

Meteorological Analysis (Based on 0830 hours IST)

- The **monsoon trough** at mean sea level now passes through Sri Ganganagar, Rohtak, Banda, Sidhi, Ranchi, Diamond Harbour and thence southeastwards to the northeast Bay of Bengal.
- The **upper air cyclonic circulation** over Southwest Uttar Pradesh & neighbourhood extending upto 5.8 km above mean sea level tilting southwestwards with height persisted over the same region.
- The **upper air cyclonic circulation** over Gangetic West Bengal & adjoining Bangladesh lay over northern parts of Gangetic West Bengal and extended upto 9.6 km above mean sea level tilting southwestwards with height.
- An **upper air cyclonic circulation** lies over northeast Rajasthan & neighbourhood extends upto 1.5 km above mean sea level.
- The **Western Disturbance** as a trough in middle & upper tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 70°E to the north of Lat. 32°N persisted.
- The **upper air cyclonic circulation** over southwest Rajasthan & neighbourhood at 1.5 km above mean sea level has become less marked.

Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall likely over the most parts of the country except Madhya Maharashtra and Marathwada where Isolated rainfall is likely.



31 July (Day 1)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen & Oman coasts, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea, southern parts of north Arabian Sea.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Goa, Konkan coasts, over many parts of eastcentral Arabian Sea, some parts of southeast Arabian Sea and adjoining, some parts of southwest Arabian Sea, over some parts of Maldives, Lakshadweep, Comorin areas, over most parts of eastcentral, many parts of westcentral Bay of Bengal & adjoining, some parts of north Bay of Bengal, few parts of southwest Bay of Bengal.

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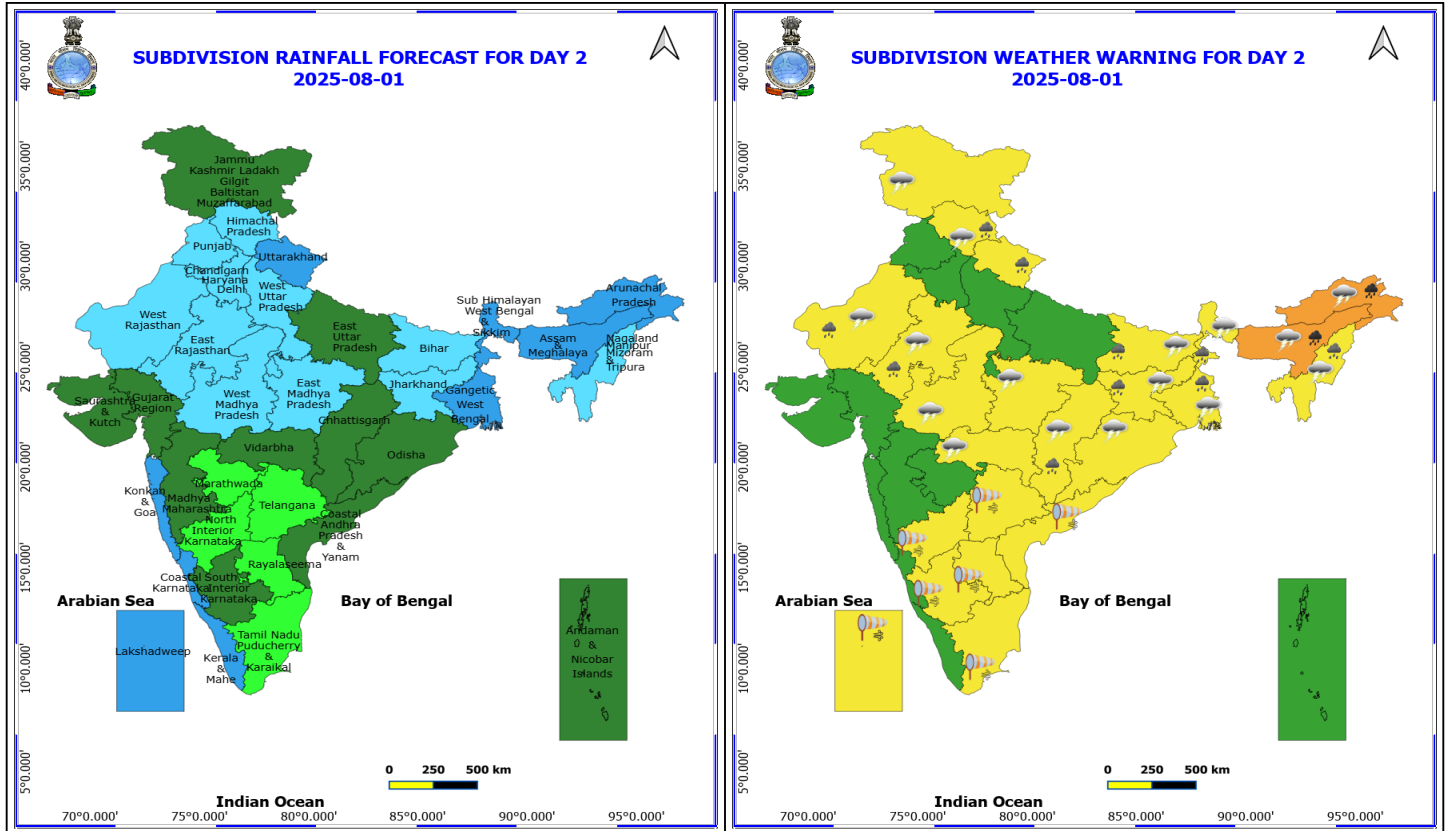
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Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail along and off Kerala, Karnataka, Gujarat coasts, over many parts of Lakshadweep, Comorin areas, over Gulf of Mannar.



1 August (Day 2)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea, southern parts of north Arabian Sea.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea, some parts of southeast Arabian Sea, some parts of southwest Arabian Sea, over some parts of Comorin area, over Gulf of Mannar, over some northern parts of eastcentral, adjoining northeast Bay of Bengal, few parts of southwest Bay of Bengal.

Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail along and off Karnataka

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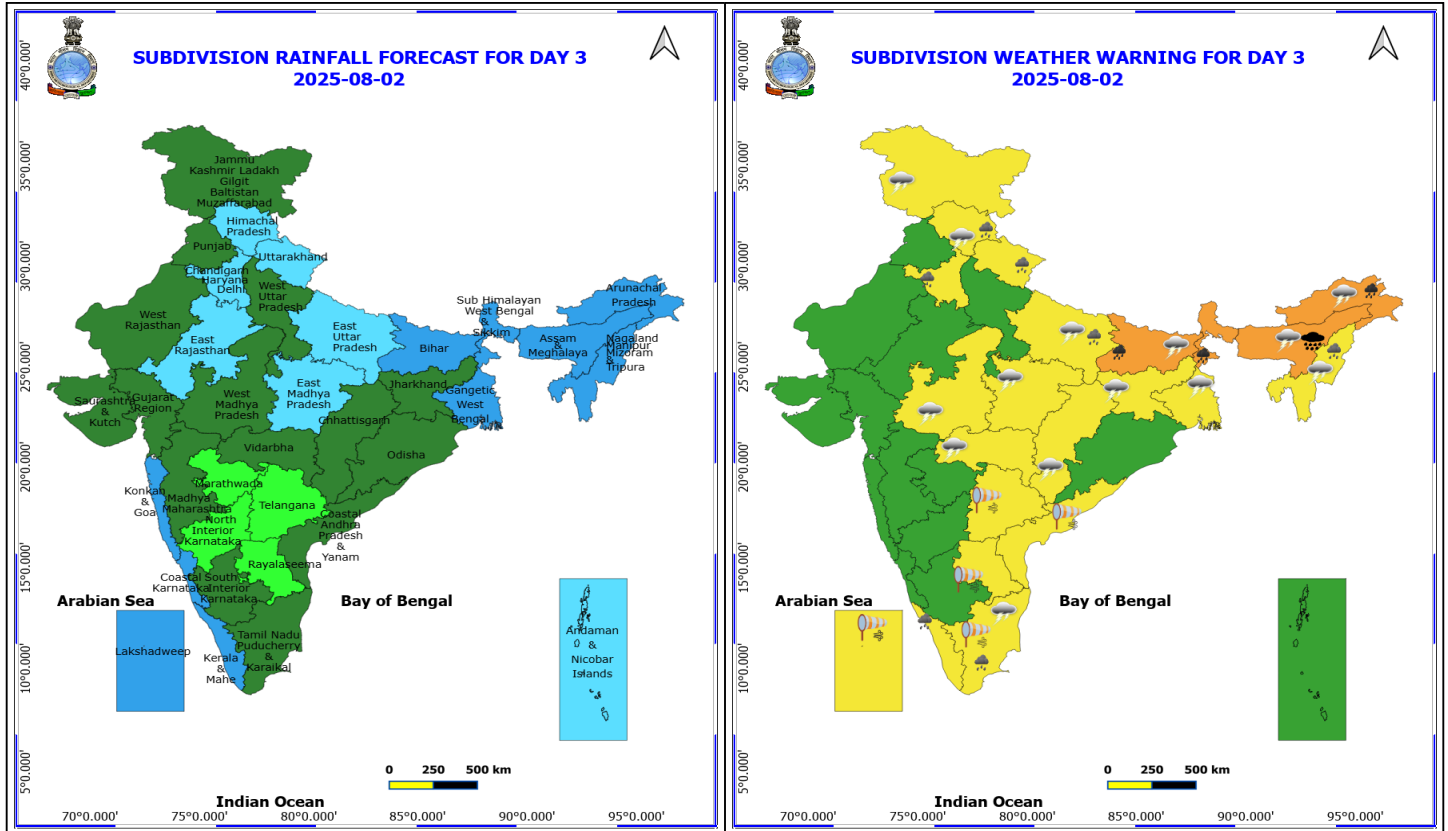
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coast, over many parts of Lakshadweep area, northern parts of southeast Arabian Sea.



2 August (Day 3)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of

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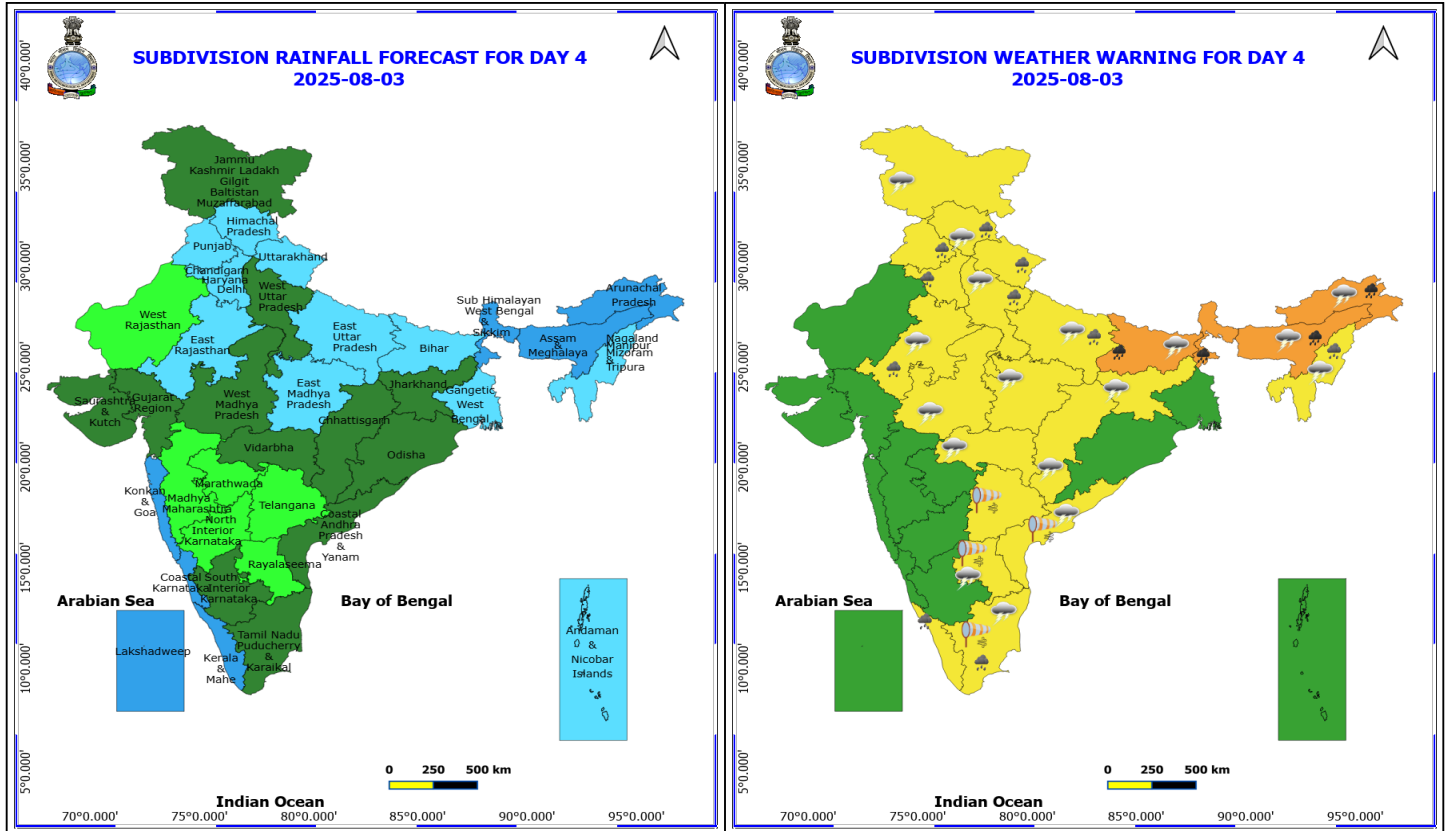
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eastcentral Arabian Sea, southern parts of north Arabian Sea, some parts of southeast Arabian Sea, some parts of southwest Arabian Sea, over some parts of Comorin area, over Gulf of Mannar, over few parts of southwest Bay of Bengal, few parts of northeast Bay of Bengal.

Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail along and off Karnataka coast, over some parts of Lakshadweep area.



3 August (Day 4)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea, southern parts of northwest Arabian Sea.

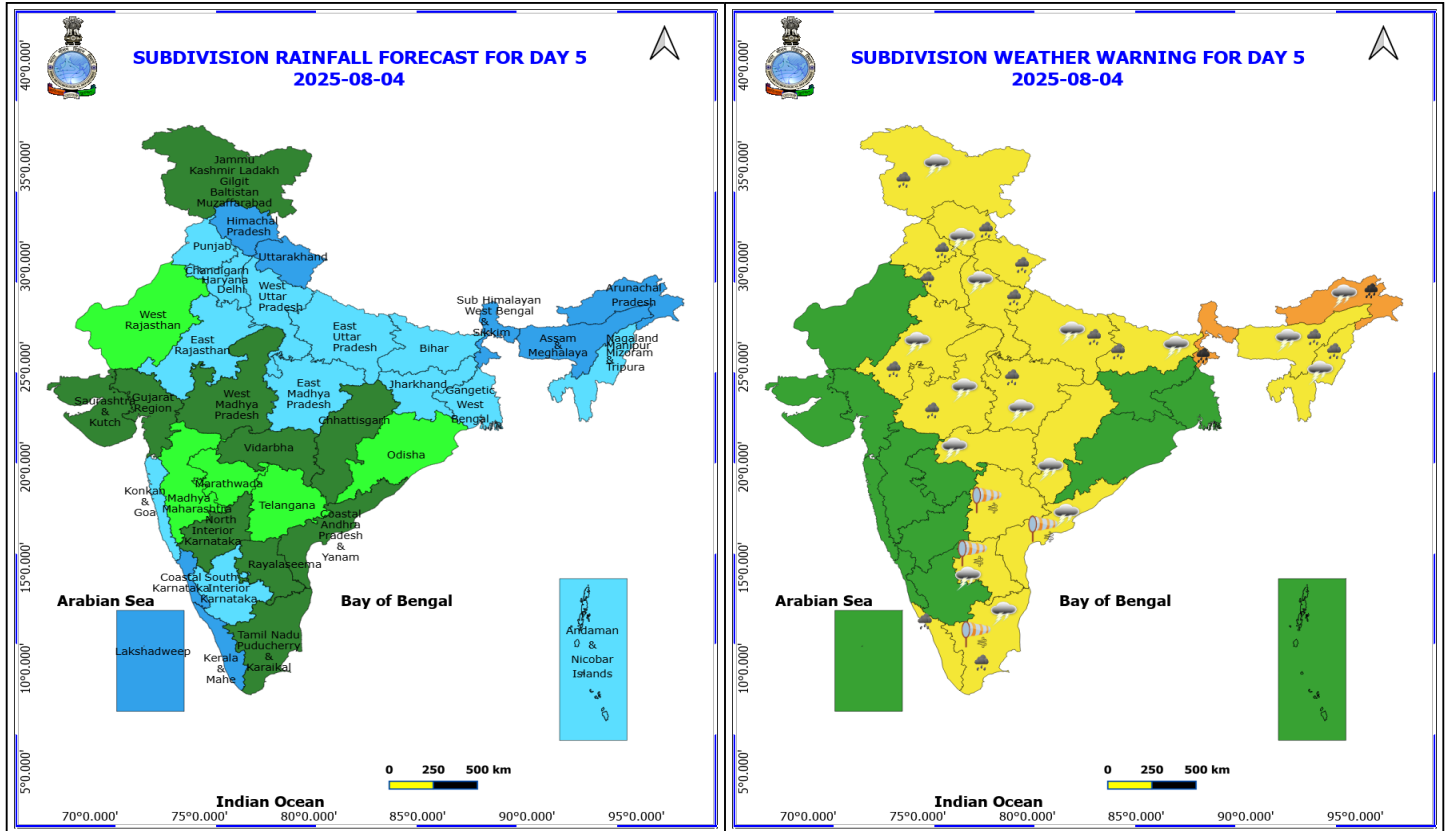
Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea, many parts of southeast Arabian Sea, adjoining parts of Lakshadweep area, some parts of southwest Arabian Sea, over some parts of Comorin area, over Gulf of Mannar, over some parts of southwest Bay of Bengal.

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4 August (Day 5)

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

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Yemen & south Oman coasts, most parts of westcentral Arabian Sea & adjoining parts of eastcentral Arabian Sea, many parts of southwest Arabian Sea & adjoining, some parts of southeast Bay of Bengal, southern parts of northwest Arabian Sea.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Karnataka, Gujarat coasts, over many parts of eastcentral Arabian Sea, most parts of southeast Arabian Sea, over Lakshadweep, Maldives areas, some parts of southwest Arabian Sea, over some parts of Comorin area, over Gulf of

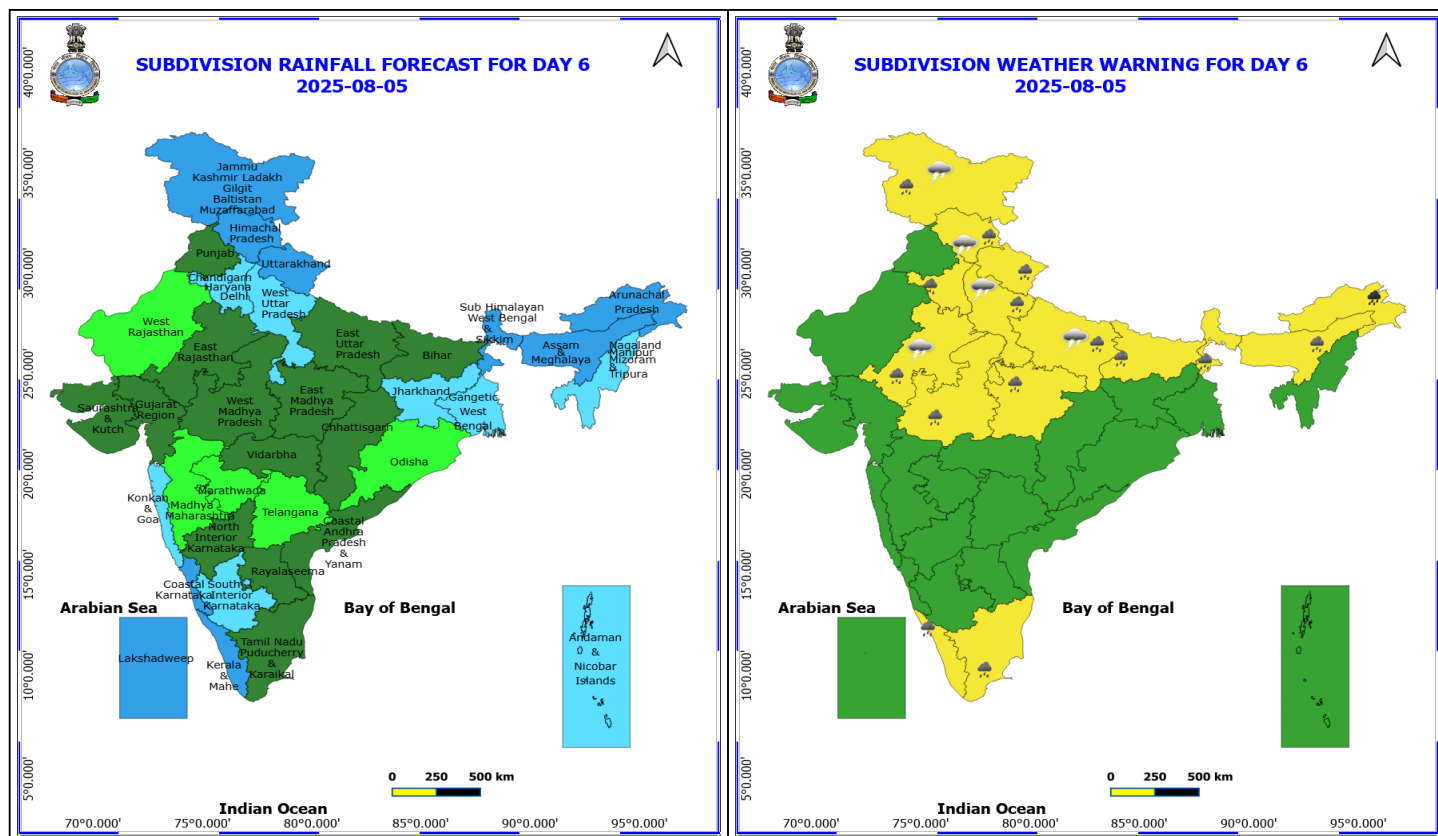
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Mannar, over some parts of southwest Bay of Bengal.



5 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Bihar, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan, Himachal Pradesh and Uttar Pradesh.

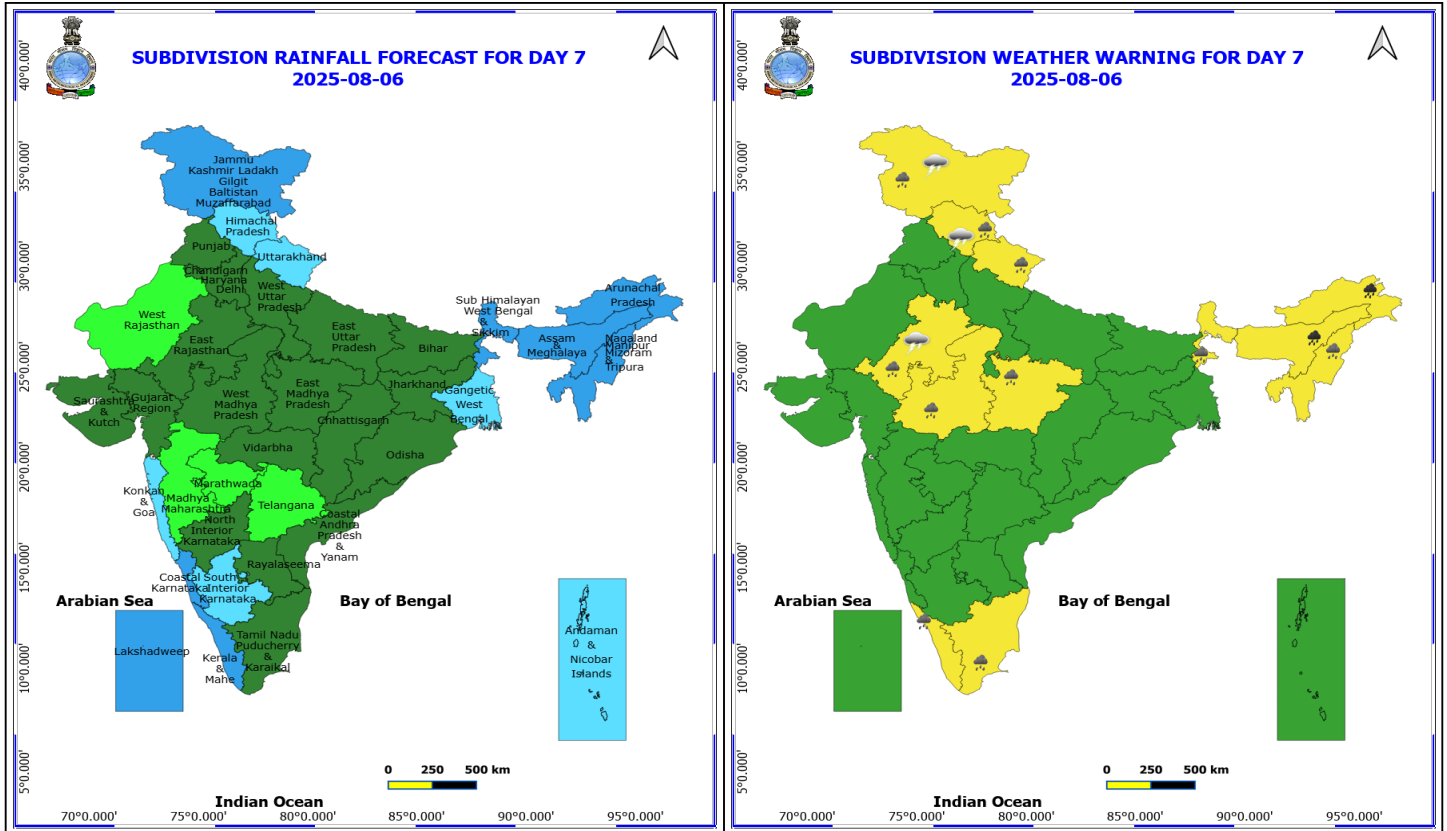
No Fishermen Warning

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6 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 Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan and Himachal Pradesh.

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Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 01-08-2025 :

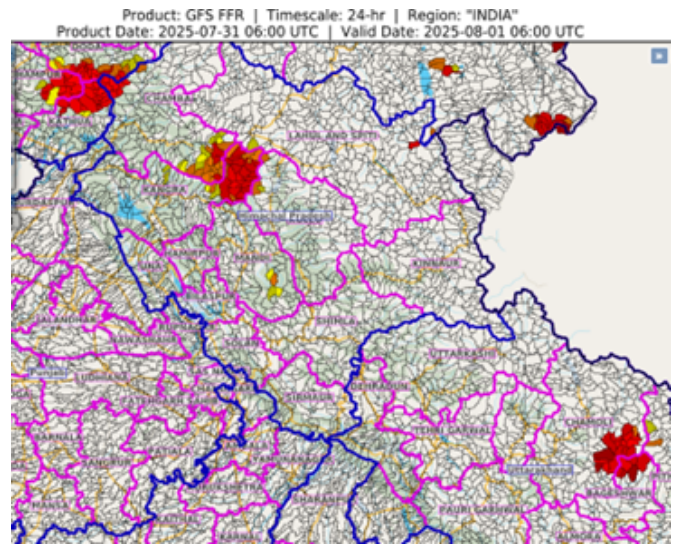
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Himachal Pradesh - Chamba, Kangra, Kullu and Mandi districts.

Uttarakhand - Bageshwar, Chamoli and Pithoragarh districts.

Adjoining Jammu & Kashmir & Ladakh - Doda, Kathua and Udhampur 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	31- Jul	1- Aug	2- Aug	3- Aug	4- Aug	5- Aug	6- Aug
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	FWS	WS	WS	WS	WS	WS	WS
3	ASSAM & MEHGHALAYA	FWS	WS	WS	WS	WS	WS	WS
4	N. M. M. & T.	FWS	FWS	WS	FWS	FWS	FWS	WS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	WS	WS	WS	FWS	FWS	FWS	FWS
7	ODISHA	SCT	SCT	SCT	SCT	ISOL	ISOL	SCT
8	JHARKHAND	FWS	FWS	SCT	SCT	FWS	FWS	SCT
9	BIHAR	SCT	FWS	WS	FWS	FWS	SCT	SCT
10	EAST UTTAR PRADESH	SCT	SCT	FWS	FWS	FWS	SCT	SCT
11	WEST UTTAR PRADESH	FWS	FWS	SCT	SCT	FWS	FWS	SCT
12	UTTARAKHAND	WS	WS	FWS	FWS	WS	WS	FWS
13	HARYANA, CHD & DELHI	WS	FWS	FWS	FWS	FWS	FWS	SCT
14	PUNJAB	WS	FWS	SCT	FWS	FWS	SCT	SCT
15	HIMACHAL PRADESH	WS	FWS	FWS	FWS	WS	WS	FWS
16	JAMMU AND KASHMIR AND LADAKH	FWS	SCT	SCT	SCT	SCT	WS	WS
17	WEST RAJASTHAN	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	WS	FWS	FWS	FWS	FWS	SCT	SCT
19	WEST MADHYA PRADESH	FWS	FWS	SCT	SCT	SCT	SCT	SCT
20	EAST MADHYA PRADESH	FWS	FWS	FWS	FWS	FWS	SCT	SCT
21	GUJRAT REGION	FWS	SCT	SCT	SCT	SCT	SCT	SCT
22	SAURASHTRA & KUTCH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
23	KONKAN & GOA	WS	WS	WS	WS	FWS	FWS	FWS
24	MADHYA MAHARASHTRA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	SCT	SCT	SCT	SCT	SCT	SCT
27	CHATTISGARH	FWS	SCT	SCT	SCT	SCT	SCT	SCT
28	COASTAL ANDHRA PRADESH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	ISOL	SCT	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	SCT	SCT	FWS	FWS	FWS
35	KERALA	WS	WS	WS	WS	WS	WS	WS
36	LAKSHDWEEP	WS	WS	WS	WS	WS	WS	WS

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 2025-07-31

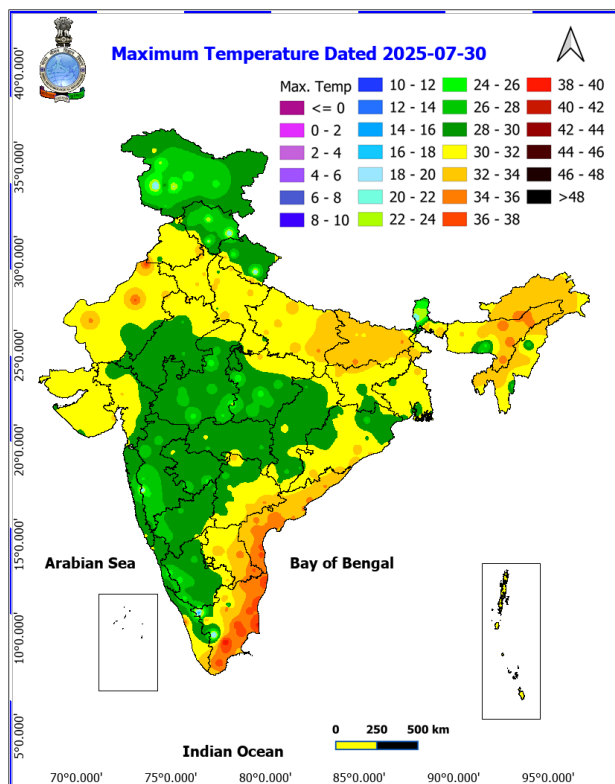


Fig. 2: Departure of Maximum Temp. Dated 2025-07-31

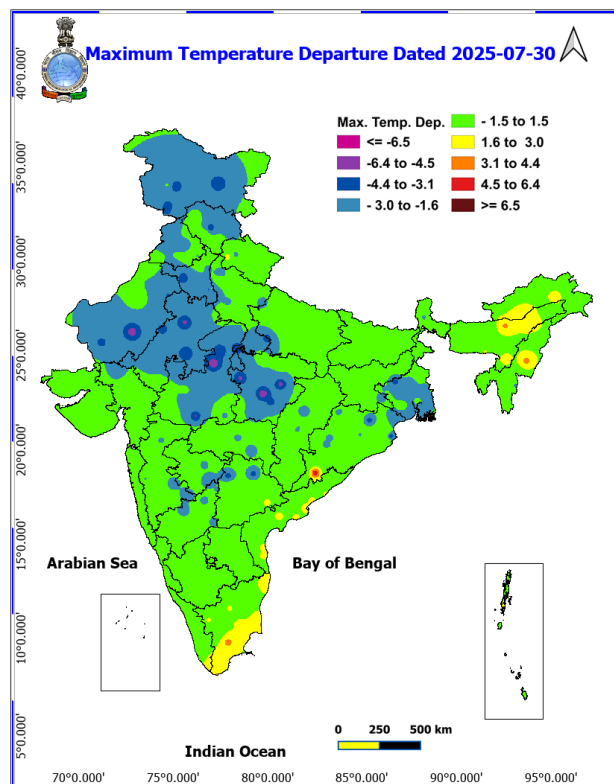


Fig. 3: Minimum Temperatures Dated 2025-07-31

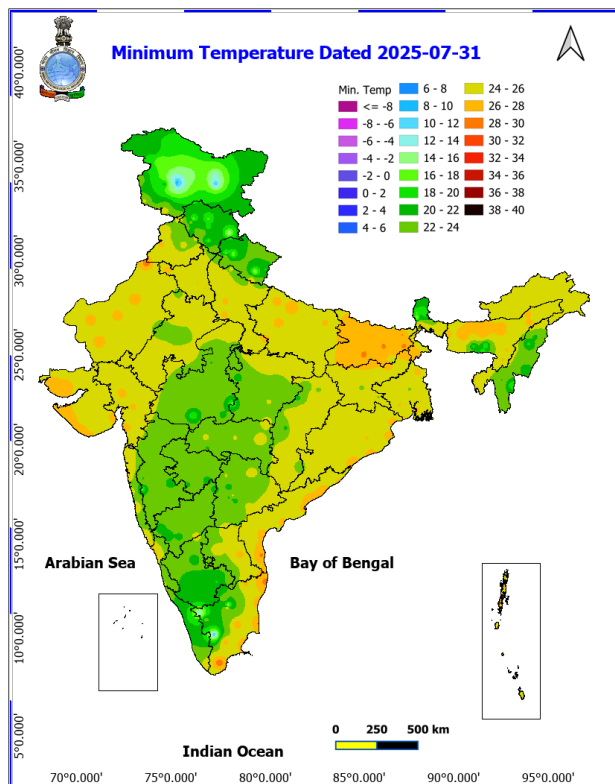
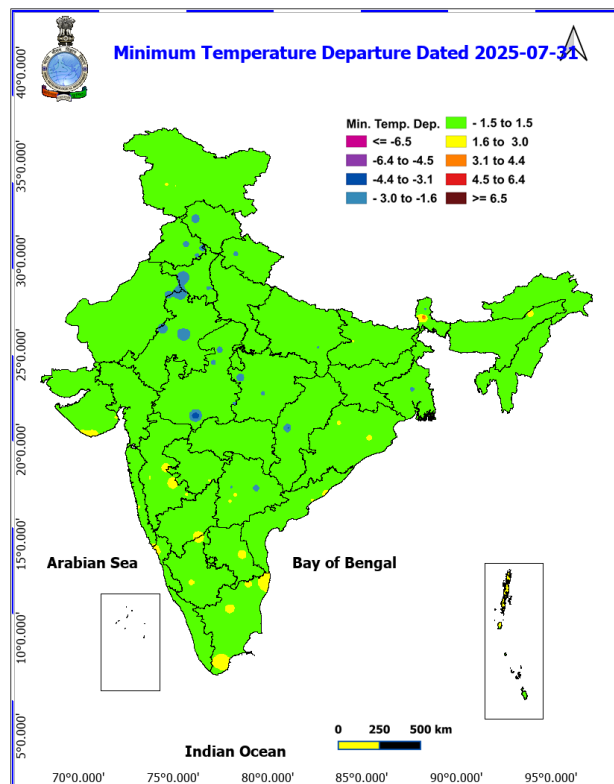
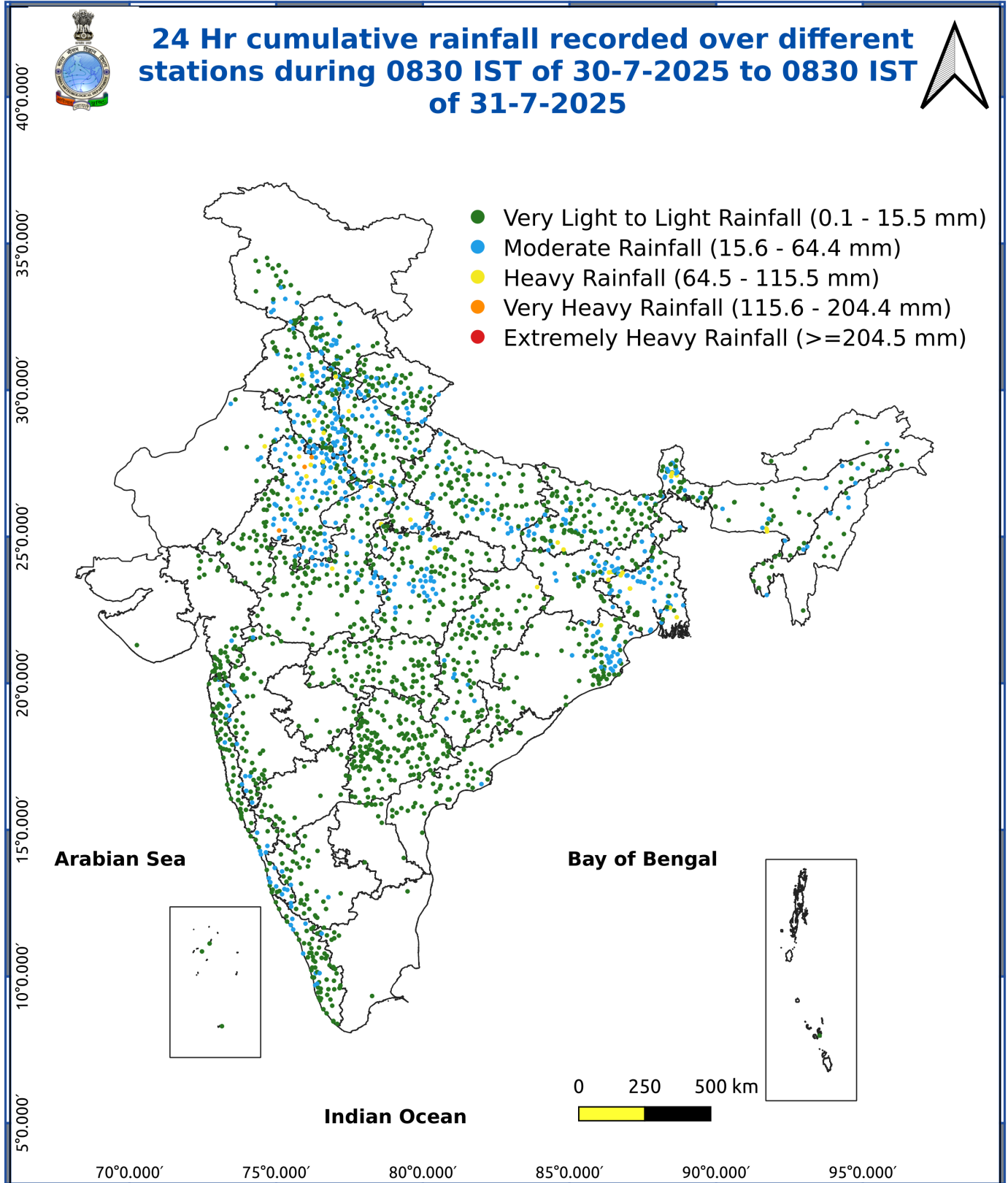


Fig. 4: Departure of Minimum Temp. Dated 2025-07-31





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Impact & Action Suggested due to

- **Extremely heavy rainfall** at isolated places over Assam & Meghalaya on 02nd August.
- **Very heavy rainfall** over Rajasthan on 31st July; Arunachal Pradesh during 01st-06th August; Assam & Meghalaya during 31st July-03rd & 06th August; Sub-Himalayan West Bengal & Sikkim during 02nd-04th; Bihar on 02nd & 03rd 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/landslips/mudslips/landsinks/mudsinks.
- 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 / Heavy to Very Heavy / Extremely Heavy Rainfall

In **East Rajasthan**, make provision to drain out excess water from fields of green gram, pearl millet, cluster bean and sesame in **Sub Humid Southern Plain and Aravali Hill Zone** and **Flood Prone Eastern Plain Zone** and pearl millet, maize, groundnut and vegetables in **Semi-Arid Eastern Plain Zone**. In **West Rajasthan**, make proper arrangements for drainage in fields of green gram, sesame, moth bean, cluster bean and pearl millet in **Arid Western Plain Zone** and pearl millet and groundnut in **Transitional Plain Zone of Inland Drainage**.

In **Arunachal Pradesh**, postpone sowing of finger millet and fresh transplanting of rice (in low land) till cessation of heavy rains. Provide drainage in already sown fields of finger millet, maize and WRC rice.

In **Assam**, to avoid waterlogging ensure proper drainage in fields of jute and *Sali* rice in **Lower Brahmaputra Valley Zone**; *Sali* rice and sugarcane in **North Bank Plain Zone**; *Sali* rice fields and arecanut plantations in **Upper Brahmaputra Valley Zone**; *Sali* rice fields in **Barak Valley Zone** and *Sali* rice nurseries, fields of maize, jute, sugarcane, vegetables and transplanted *Sali* rice in **Central Brahmaputra Valley Zone**.

In **Meghalaya**, avoid sowing of rice in nurseries especially in valley lands. Maintain proper drainage channels around the nursery beds. Make provision for draining out excess water from maize and vegetable fields and repair bunds in lowland paddy fields.

In **Mizoram**, harvest matured cobs of maize. Create strong bunds around rice fields to retain rainwater and reduce runoff.

In **Madhya Pradesh**, arrange for proper drainage facilities in the fields of black gram, green gram, soybean, pearl millet and vegetables fields in **Gird Zone**; rice, soybean, maize, sugarcane and vegetables in **Central Narmada Valley Zone**;

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soybean, groundnut, black gram and cotton in **Malwa Plateau Zone**; soybean, rice, maize and pigeon pea in **Vindhyan Plateau Zone** and rice and vegetables in **Bundelkhand Zone**.

In **Bihar**, provide adequate drainage in the fields of paddy, pigeon pea, *kharif* maize, okra and plantations in **South Bihar Alluvial Zone**.

In **West Bengal**, make proper arrangements for drainage in fields of rice, ginger, vegetables and fruit orchards in **Hill Zone** and vegetable beds, standing vegetable crops and betel gardens in **Coastal Saline Zone**.

In **Uttarakhand**, maintain proper drainage channels in fields of rice in **Bhabar and Tarai Zone**, black gram in **Hill Zone** and rice, barnyard millet, finger millet and cucumber in **Sub Humid SubTropic Zone**.

In **Himachal Pradesh**, provide drainage channels in low-lying areas in rice, maize, pulses and vegetables to prevent water stagnation in **Sub-Montane & Low Hills Sub-Tropical Zone**. Strengthen plant supports for creepers and tall vegetable crops (e.g., tomato, capsicum). In **High Hills Sub Temperate Wet Zone**, provide proper drainage channels in vegetables, maize, finger millets and kidney beans.

Livestock / Fishery

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

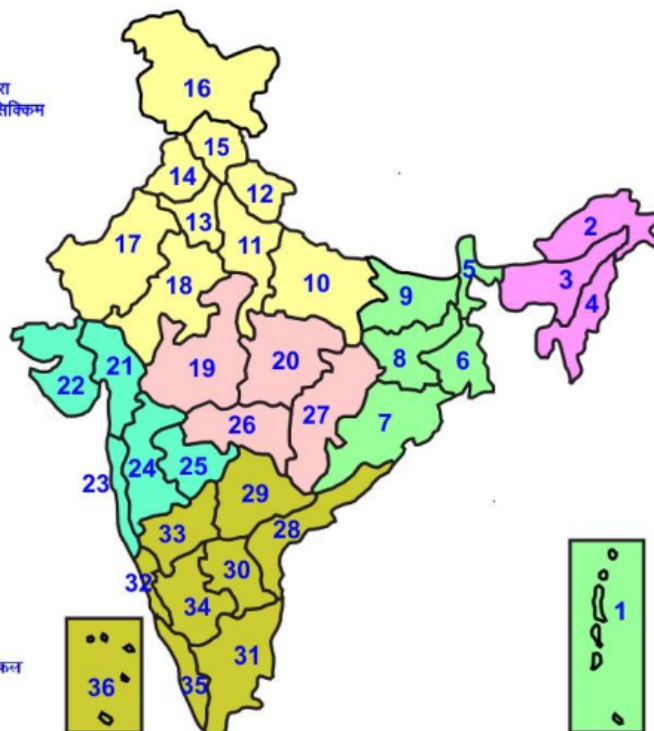
Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally Winds

(Based on the IBF and advisories issued by different AMFUs)

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.

LEGENDS

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



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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

Subdivision Colour

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

Probabilistic Forecast

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

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

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LEGENDS

WARNING

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

Probabilistic Forecast

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



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



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

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

(b). Based on Actual maximum temperature

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

(c). Criteria for heat wave for coastal stations

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



When maximum temperature remains 40°C

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



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

(a). Based on departure

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

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

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

(c) For Coastal Stations

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



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

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



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

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



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



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



Ice deposits on ground

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



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

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



Effect of various waves in the sea over specific area

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



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

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

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