

2025-08-16

Time of Issue: 08:21:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

West India:

- **Extremely heavy rainfall** very likely at isolated places over Konkan & Goa during 16th -18th; Ghat areas of Madhya Maharashtra on 17th & 18th; Gujarat Region on 18th August.
- Isolated **heavy rainfall** likely over Madhya Maharashtra, Konkan & Goa, Gujarat State during next 7 days; Marathwada during 16th -19th August **with isolated very heavy rainfall over Konkan & Goa during next 7 days; Ghat areas of Madhya Maharashtra & Gujarat Region during 16th-21th; Marathwada on 15th & 18th; Saurashtra & Kutch during 18th -20th August.**
- Light to moderate rainfall at many/some places very likely over the region during next 5 days.

Northwest India:

- Isolated **heavy rainfall** likely over East Rajasthan & Uttarakhand during next 7 days; Himachal Pradesh during 16th - 20th, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad 17th & 18th; Punjab during 16th -19th; Haryana Chandigarh & Delhi during 16th -18th; West Uttar Pradesh on 16th & 21st, East Uttar Pradesh on 20th; West Rajasthan on 19th August **with very heavy rainfall over Uttarakhand on 16th & 17th; East Rajasthan on 18th & 19th August.**
- Light/moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand & Rajasthan during next 7 days.

East & Central India:

- Isolated **heavy rainfall** likely over Madhya Pradesh & Chhattisgarh during next 7 days; Vidarbha during next 7 days except on 19th; Sub-Himalayan West Bengal & Sikkim on 17th, 18th & 21st; Jharkhand on 19th, Odisha on during 17th -21st August **with isolated very heavy rainfall over West Madhya Pradesh on 16th, 18th & 19th; Chhattisgarh during 19th-21th 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 Coastal Karnataka & Telangana during the next 7 days; North Interior Karnataka on 19th; Kerala & Mahe, Coastal Andhra Pradesh & Yanam during 16th-18th; South Interior Karnataka on 18th & 19th August **with isolated very heavy rainfall over Telangana during 16th - 19th; Coastal Andhra Pradesh & Yanam on 17th & 18th; Coastal Karnataka on 18th & 19th August.**
- Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India till 19th August.
- Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over Rayalaseema, Tamil Nadu, Coastal Andhra Pradesh & Yanam and Telangana during next 5 days.

Northeast India:

- Isolated **heavy rainfall** likely to continue over Assam & Meghalaya during next 7 days; Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura during 16th-21th August **with very heavy rainfall over Arunachal Pradesh & Nagaland, Manipur, Mizoram & Tripura on 20th & 21st; Assam & Meghalaya on 16th, 20th & 21st August.**
- Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely during next 3 days.

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Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Konkan & Goa , Himachal Pradesh, Uttarakhand, Jharkhand, Gangetic West Bengal, South Interior Karnataka, Andaman & Nicobar Islands, Coastal Karnataka, Gujarat Region, Telangana, Vidarbha, North Interior Karnataka, Odisha, Chhattisgarh, Madhya Maharashtra , Marathwada and Rayalaseema; **at many places** over Haryana Chandigarh & Delhi, East Madhya Pradesh, East Rajasthan, West Rajasthan, Punjab, Saurashtra & Kutch, East Uttar Pradesh, Bihar, Sub-himalayan West Bengal & Sikkim, West Madhya Pradesh, Nagaland, Manipur, Mizoram & Tripura, Kerala & Mahe, Assam & Meghalaya, Coastal Andhra Pradesh & Yanam, Jammu & Kashmir and Ladakh, Tamilnadu Puducherry & Karaikal and Lakshadweep ; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): Konkan & goa : Mumbai (santacruz) AP (dist) 23, Mumbai (colaba) (dist) 7, Panjim (dist North Goa) 2; Andaman & nicobar islands: Port Blair (dist South Andaman) 5; Nagaland, manipur, mizoram & tripura: Agartala AP (dist West Tripura) 5; Kerala & mahe: Kozhikode (calicut) (dist Kozhikode) 5; Gujarat region: Surat (dist Surat) 5; **Telangana:** Hyderabad (dist Hyderabad) 4, Nizamabad (dist Nizamabad) 2; **Vidarbha:** Nagpur-sonegaon Airport (dist Nagpur) 4; Assam & meghalaya: Silchar (dist Cachar) 3; Coastal karnataka: Mangalore (bajpe) AP (dist Dakshina Kannada) 3; Coastal andhra pradesh & yanam: Kalingapatnam (dist Srikakulam) 3; Jammu & kashmir and ladakh: Jammu (dist Jammu) 2; **Odisha:** Chandbali (dist Bhadrak) 2; **Chhattisgarh:** Raipur-lalpur (dist Raipur), Jagdalpur (dist Bastar) 2 Each.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today):**Extremely heavy rain** at isolated places over Konkan & Goa **Heavy rain** at isolated places over Konkan & Goa

❖ **Minimum Temperature Departures (as on 15-08-2025): markedly above normal(> 5.1°C)** at many places over East Madhya Pradesh; at few places over Assam & Meghalaya and West Madhya Pradesh; at isolated places over East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at few places over Gujarat Region; at isolated places over Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan and Madhya Maharashtra. **above normal(1.6°C to 3.0°C)** at many places over Vidarbha; at few places over East Rajasthan, Chhattisgarh and Lakshadweep; at isolated places over Gangetic West Bengal, Uttarakhand, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Haryana-Chandigarh-Delhi, Marathwada and Kerala & Mahe; at most places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Punjab, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka and North Interior Karnataka. **The lowest minimum temperature** of 18.4°C was reported at MATHERAN (MAHARASHTRA) over the Plains of India.

❖ **Maximum Temperature Departures (as on 15-08-2025): markedly above normal(> 5.1°C)** at isolated places over West Rajasthan. **appreciably above normal(3.1°C to 5.0°C)** at few places over Arunachal Pradesh and West Madhya Pradesh; at isolated places over Assam & Meghalaya, Odisha, East Rajasthan, East Madhya Pradesh, Gujarat Region, Saurashtra & Kutch and Chhattisgarh. **above normal(1.6°C to 3.0°C)** at many places over Sub Himalayan West Bengal & Sikkim; at most places over Nagaland, Manipur, Mizoram & Tripura; at few places over Bihar, East Uttar Pradesh and Vidarbha; at isolated places over Gangetic West Bengal, Jharkhand, West Uttar Pradesh, Himachal Pradesh, Madhya Maharashtra and Coastal Andhra Pradesh & Yanam. **near normal(-1.5°C to 1.5°C)** at many places over Uttarakhand, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Telangana, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka; at most places over Konkan & Goa and Lakshadweep; at few places over Haryana-Chandigarh-Delhi, Rayalaseema, Coastal Karnataka, North Interior Karnataka and Kerala & Mahe; at isolated places over Andaman & Nicobar Islands and Marathwada. **The highest maximum temperature** of 40.5°C was reported at BARMER (RAJASTHAN).

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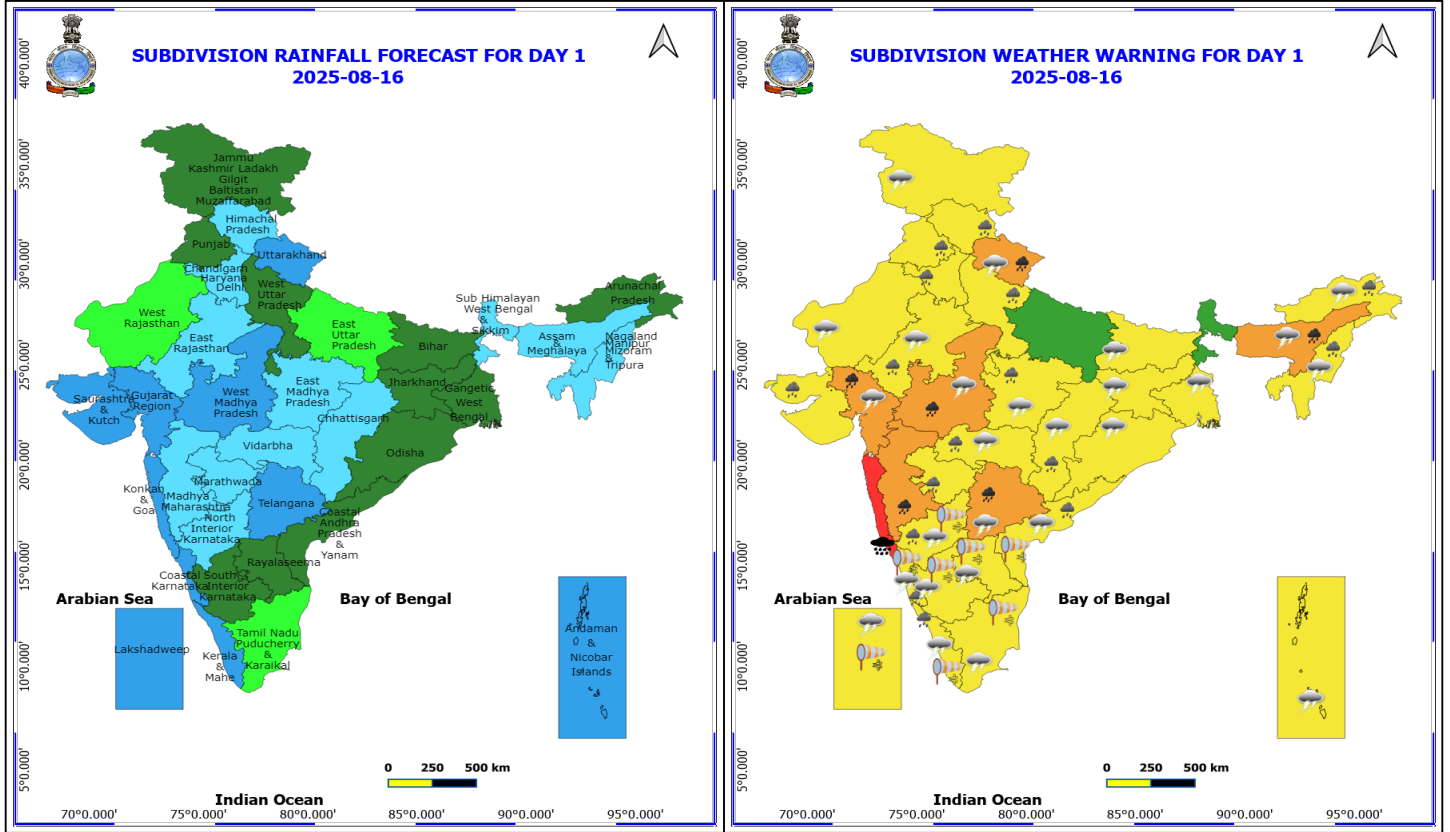
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Meteorological Analysis (Based on 0530 hours IST)

- The **low-pressure area** over south Odisha & adjoining north Andhra Pradesh coast lay over south Odisha & adjoining north Andhra Pradesh at 0530 hrs IST of today, the 16th August 2025. The associated upper air cyclonic circulation extended upto 7.6 km above mean sea level tilting southwestwards with height.
- The **monsoon trough** at mean sea level now passes through Jaisalmer, Jodhpur, Kota, Guna, Jabalpur, Raipur, centre of low-pressure area over south Odisha & adjoining north Andhra Pradesh and thence east-southeastward to east central Bay of Bengal.
- The **upper air cyclonic circulation** over Jammu-Kashmir & neighbourhood at 3.1 km above mean sea level persisted.
- The **upper air cyclonic circulation** over Northeast Arabian Sea & adjoining south Gujarat & Konkan & Goa persisted and now seen between 1.5 & 3.1 km above mean sea level.
- The **trough** now runs from northeast Arabian sea to upper air cyclonic circulation associated with the low-pressure area over south Odisha & adjoining north Andhra Pradesh across southwest Madhya Pradesh, Vidarbha and south Chhattisgarh between 1.5 & 4.5 km above mean sea level tilting southward with height.
- The **upper air cyclonic circulation** over northeast Assam 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.



16 August (Day 1)

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

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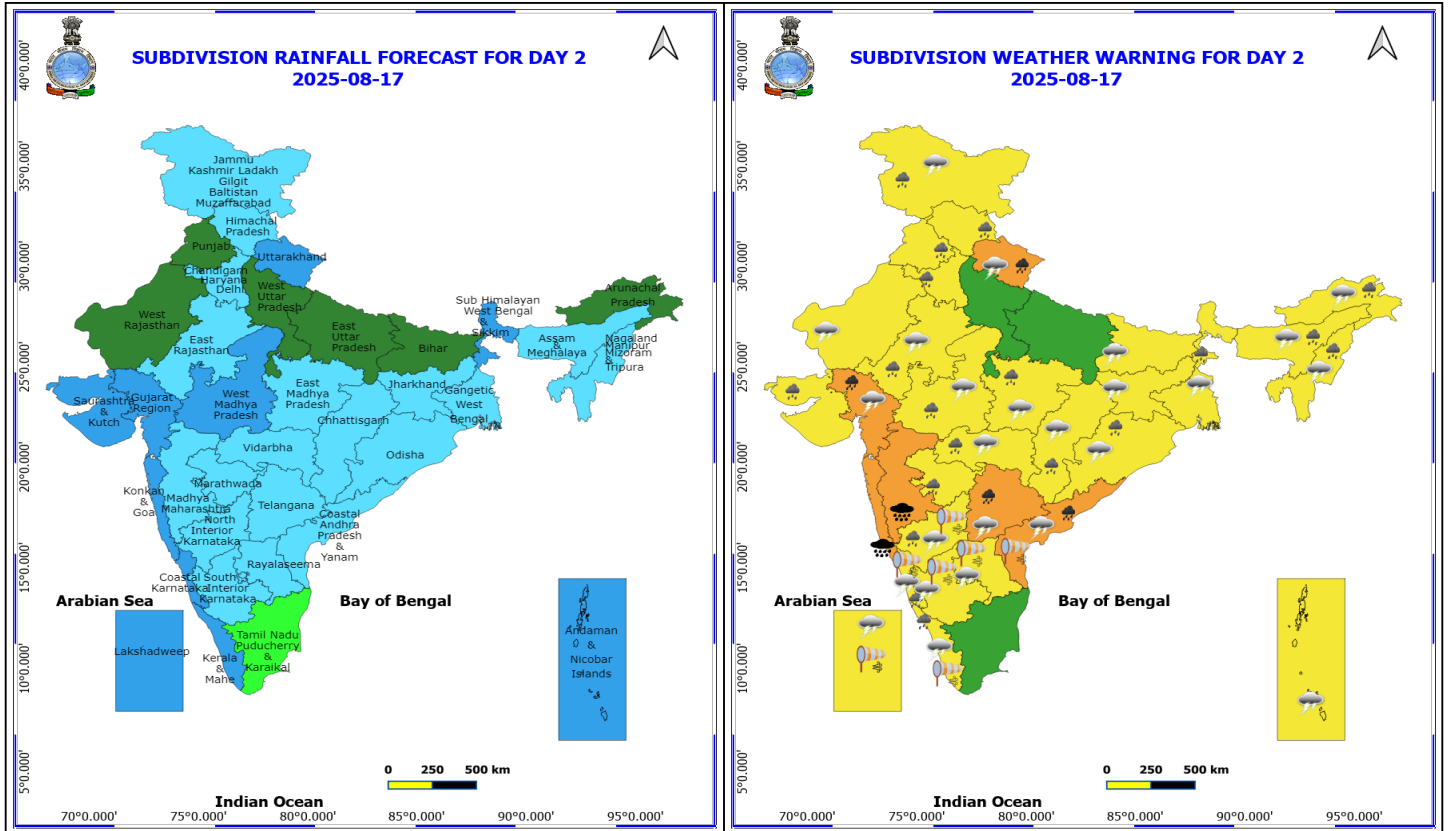
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- **Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph** is likely to prevail along and off Somalia, Yemen, Oman coasts, most parts of westcentral Arabian sea and adjoining and many parts of southwest, eastcentral Arabian Sea.
- **Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Konkan, Goa, Karnataka, Kerala coasts, over Lakshadweep, Comorin areas, along and off Sri-Lanka coast, over most parts of south, central Bay of Bengal & adjoining, some parts of north Bay of Bengal, over Andaman Sea, along and off Andhra Pradesh coast & adjoining sea areas, over Andaman Sea.
- **Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph** likely to prevail over many parts of south Bay of Bengal, over Gulf of Mannar.



17 August (Day 2)

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

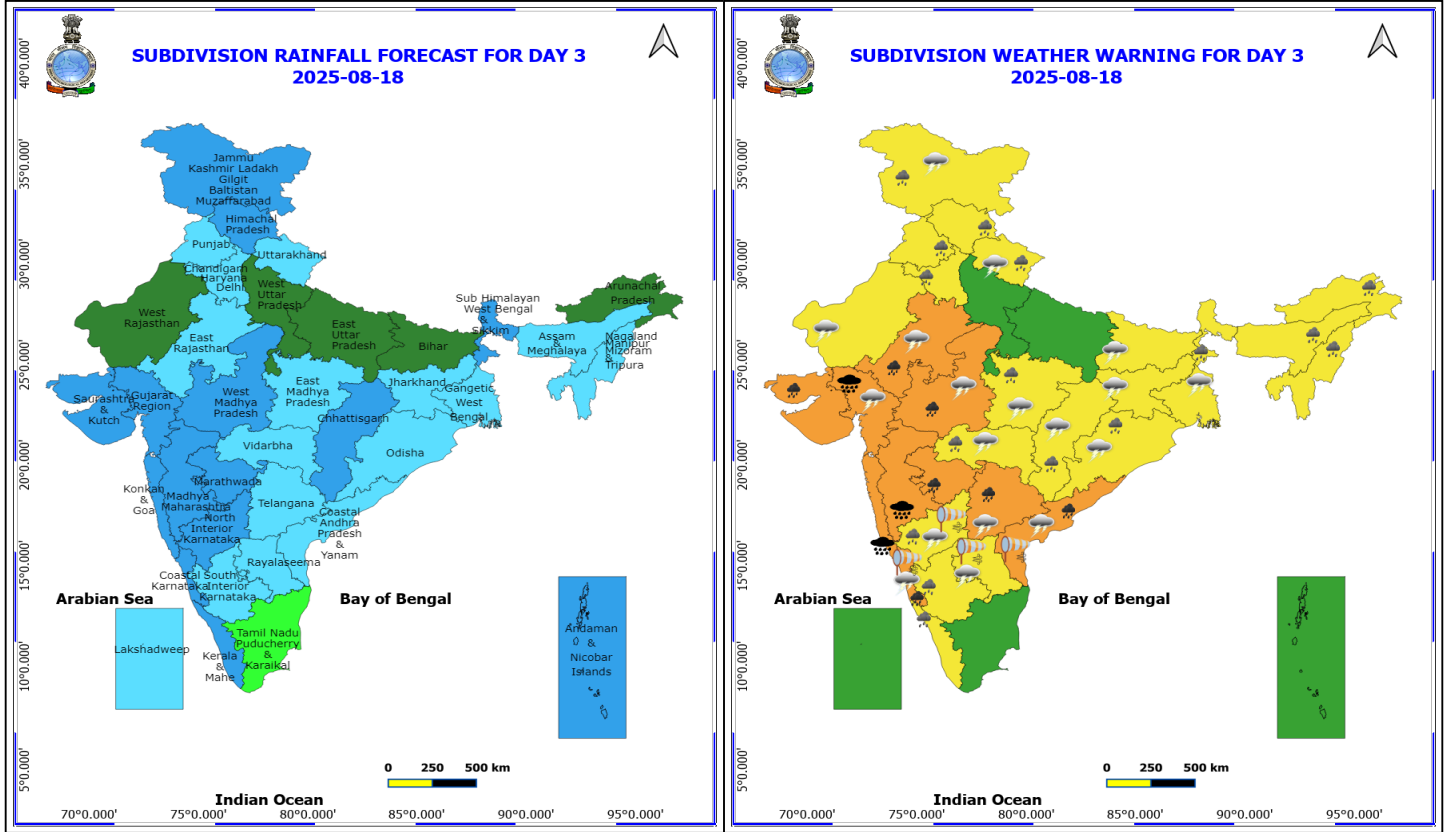
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off Somalia, Yemen, Oman coasts, most parts of westcentral Arabian sea and adjoining and many parts of southwest, eastcentral Arabian Sea.

- **Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Karnataka, Kerala coasts, over Lakshadweep, Comorin areas, Gulf of Mannar, along and off Sri-Lanka coast, over most parts of south, central Bay of Bengal & adjoining, some parts of north Bay of Bengal, over Andaman Sea, along and off Andhra Pradesh coast & adjoining sea areas, over Andaman Sea.
- **Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph** likely to prevail along and off Konkan, Goa coasts, over many parts of south & adjoining central Bay of Bengal.



18 August (Day 3)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Gujarat Region, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, East Rajasthan, Marathwada, Saurashtra & Kutch, Telangana and West Madhya Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Sub Himalayan West Bengal & Sikkim, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andhra Pradesh and Coastal Karnataka.
- ❖ **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, North Interior Karnataka, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, Gujarat Region, Madhya Pradesh, Rajasthan, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh, Coastal Karnataka and North Interior Karnataka.
- **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 and adjoining and many parts of

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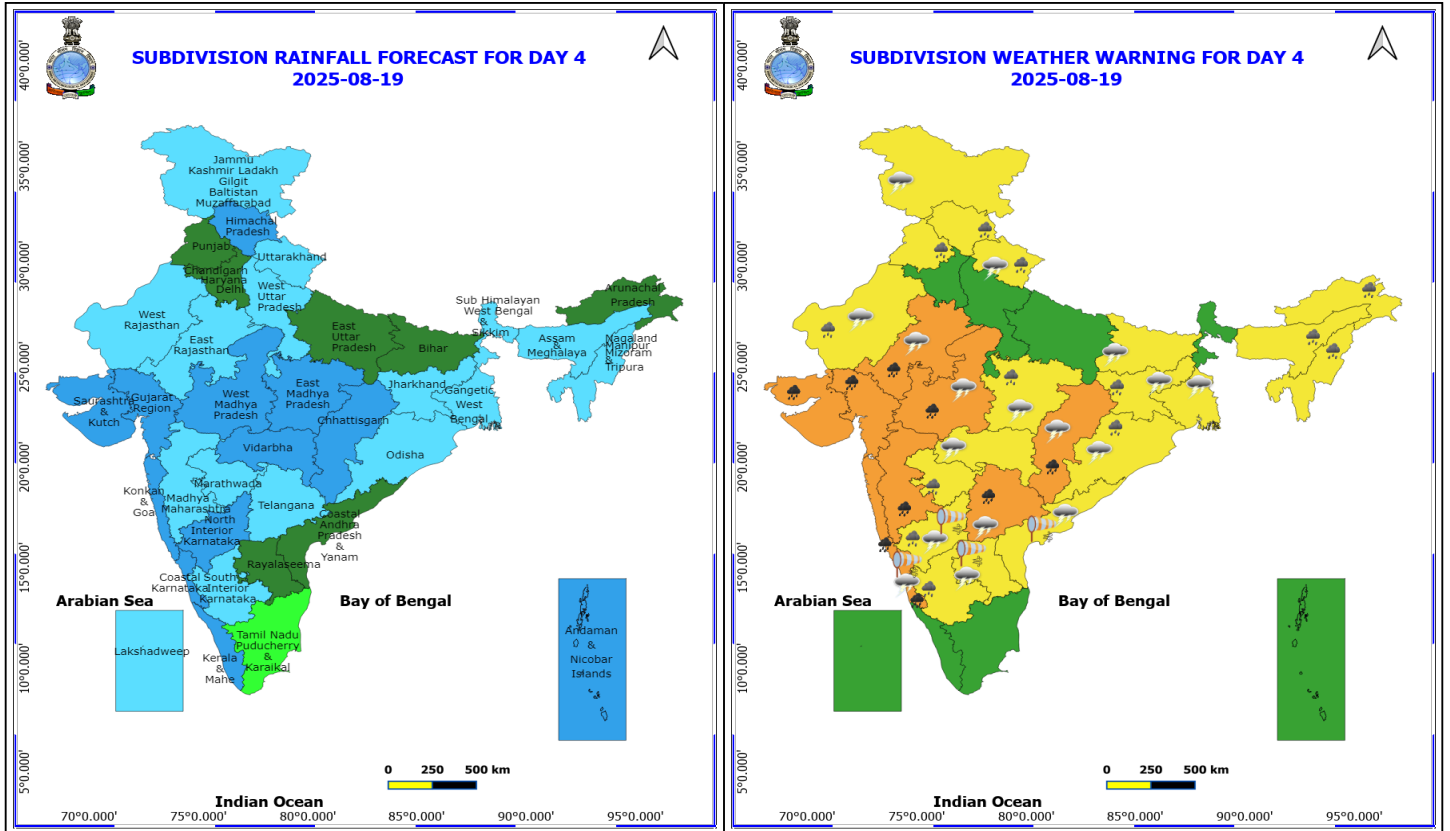
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southwest, eastcentral Arabian Sea.

- **Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph** likely to prevail along and off Karnataka coast, over Lakshadweep, Comorin areas, Gulf of Mannar, along and off Sri-Lanka coast, over most parts of south, central Bay of Bengal & adjoining, some parts of north Bay of Bengal, over Andaman Sea, along and off Andhra Pradesh coast & adjoining sea areas, over Andaman Sea.
- **Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph** likely to prevail along and off south Gujarat, Konkan, Goa coasts, over many parts of south & adjoining central Bay of Bengal.



19 August (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Karnataka, East Rajasthan, Gujarat State, Konkan & Goa, Madhya Maharashtra, Telangana and West Madhya Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Madhya Pradesh, Himachal Pradesh, Interior Karnataka, Jharkhand, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab, Uttarakhand and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh and Coastal Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, North Interior Karnataka, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, Madhya Pradesh, Rajasthan, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh, Coastal Karnataka and North Interior Karnataka.
 - **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 and adjoining and many parts of southwest, eastcentral Arabian Sea.
 - Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Karnataka coast, over Comorin areas, Gulf of Mannar, along and off Sri-Lanka coast, over most parts of south, central Bay of Bengal & adjoining, some parts of north Bay of Bengal, over Andaman Sea, along and

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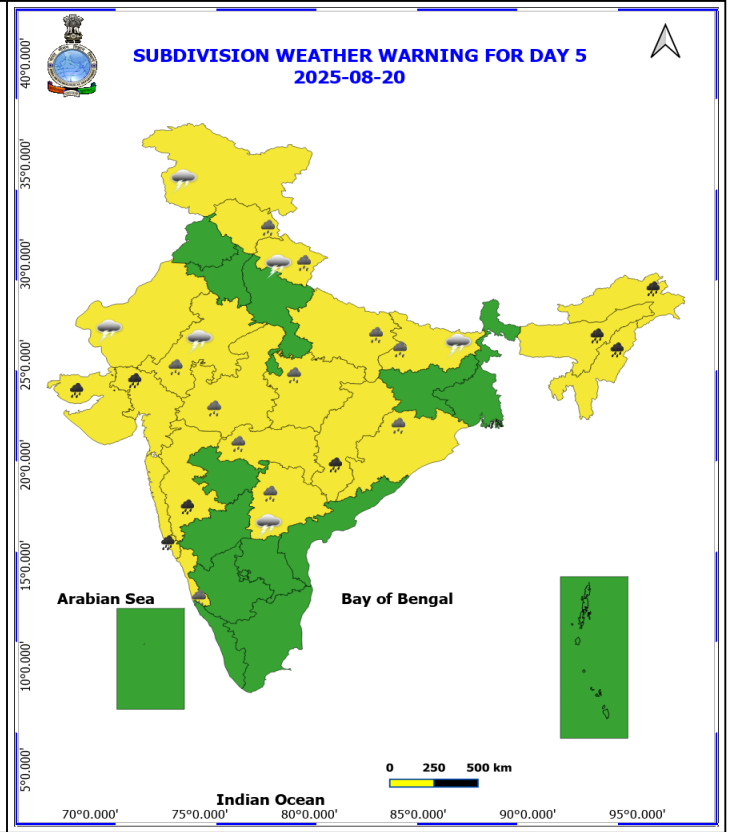
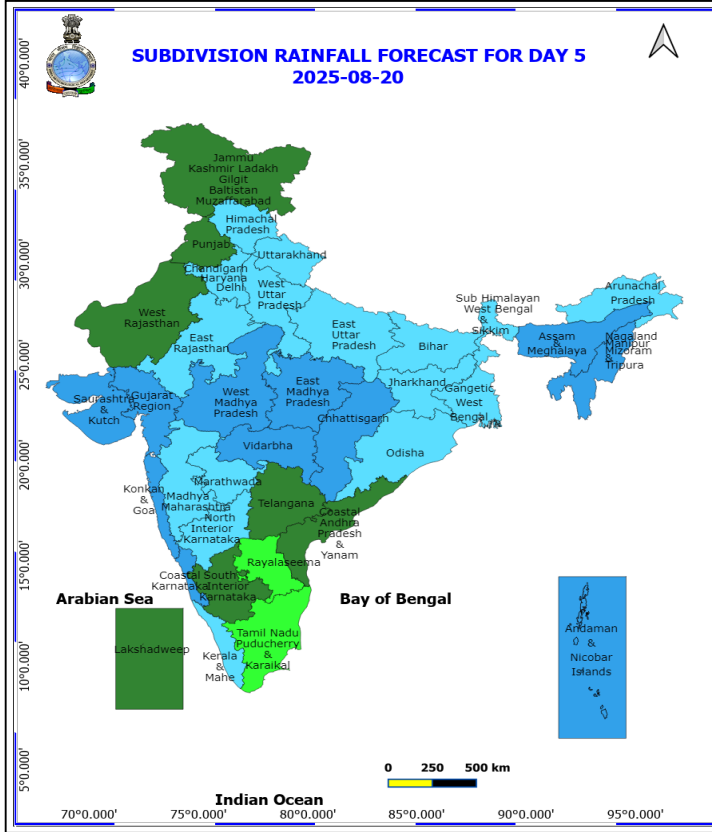
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off Andhra Pradesh coast & adjoining sea areas, over Andaman Sea.

- **Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph** likely to prevail along and off south Gujarat, Konkan, Goa coasts, over most parts of south & central Bay of Bengal.



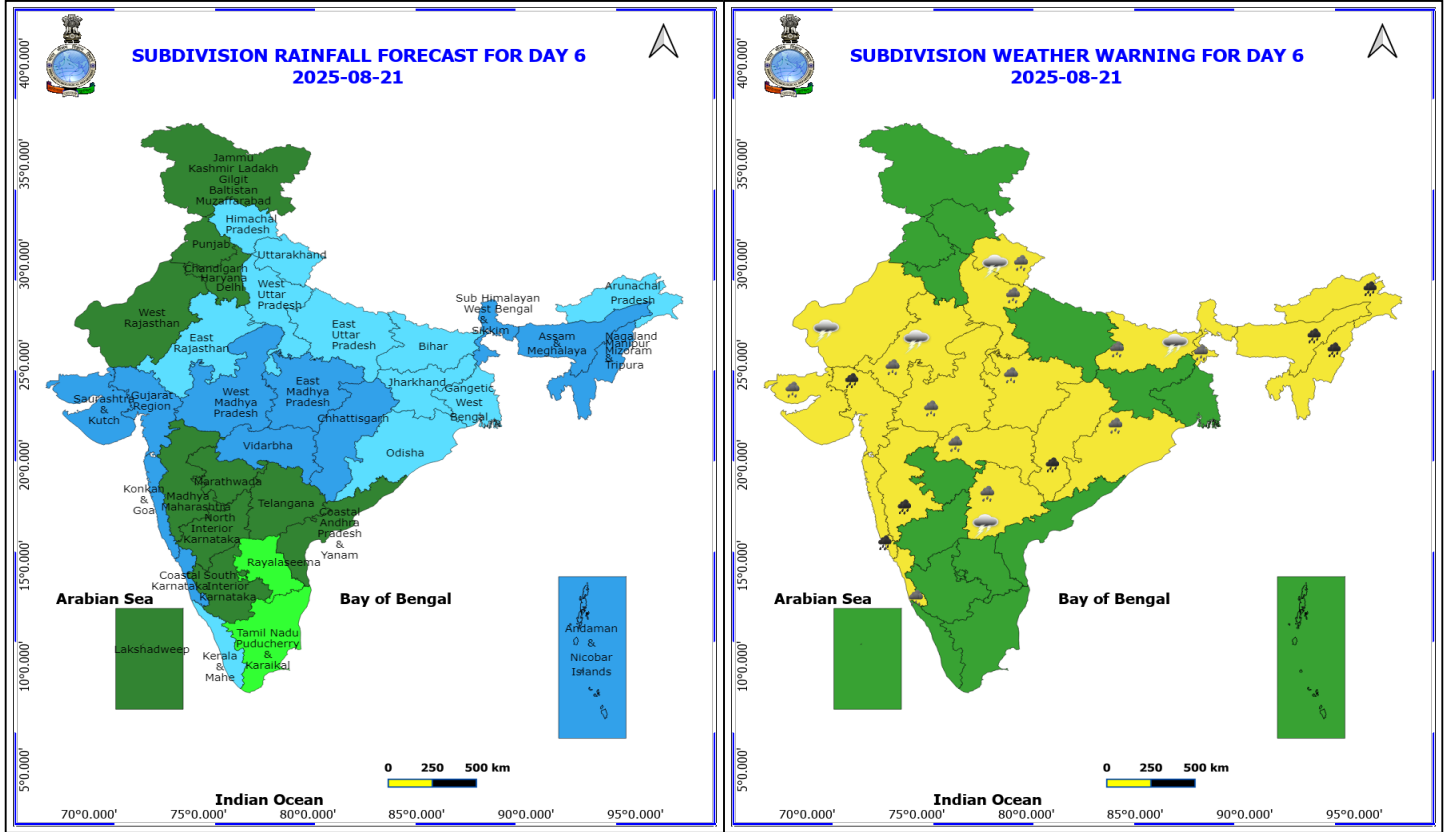
20 August (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Konkan & Goa, Madhya Maharashtra and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Coastal Karnataka, East Rajasthan, East Uttar Pradesh, Himachal Pradesh, Madhya Pradesh, Odisha, Telangana, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Rajasthan and Uttarakhand.

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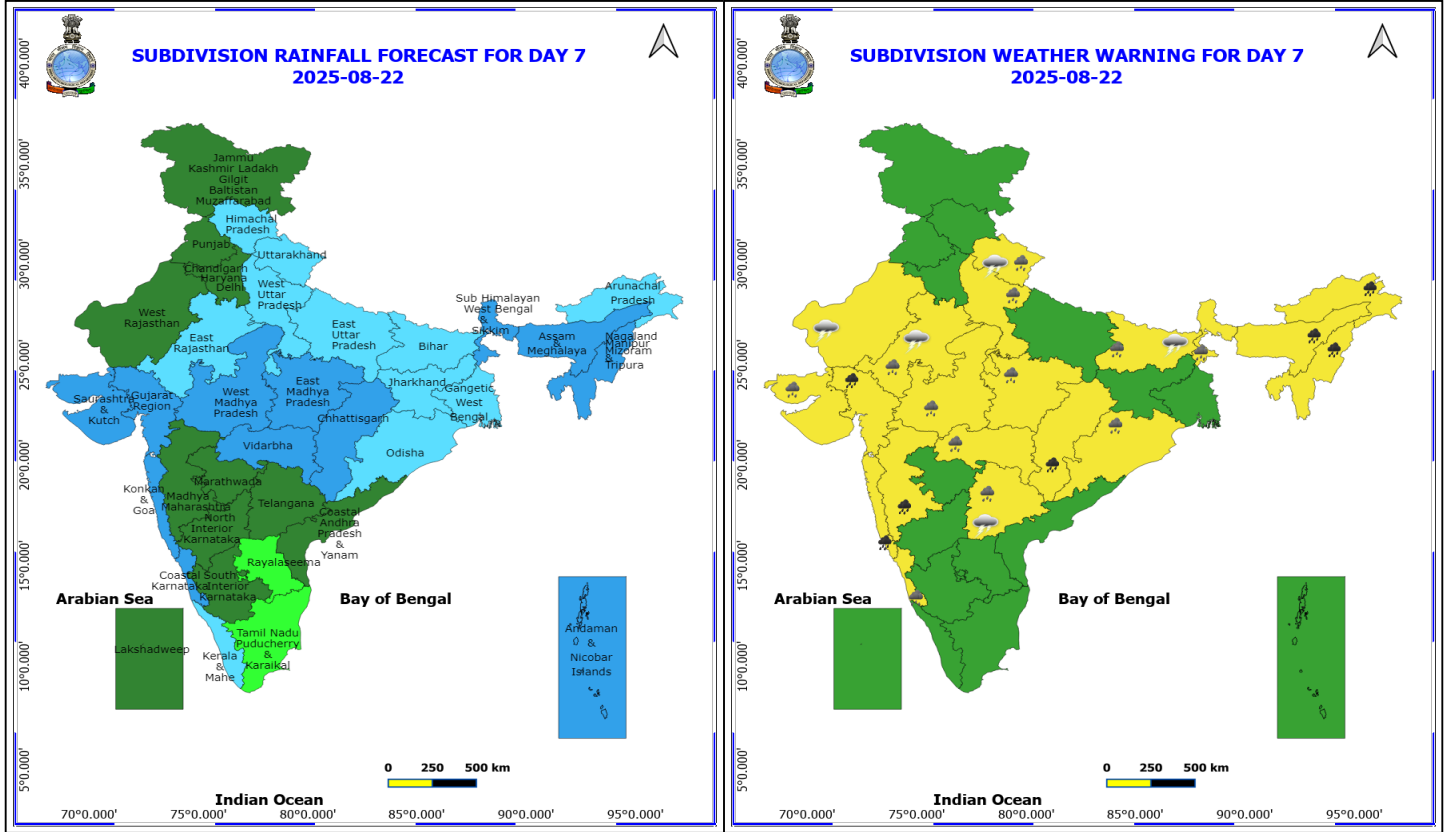
21 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat Region, Konkan & Goa, Madhya Maharashtra and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Coastal Karnataka, East Rajasthan, Madhya Pradesh, Odisha, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Telangana, Uttarakhand, Vidarbha and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Rajasthan and Uttarakhand.

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22 August (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat Region, Konkan & Goa, Madhya Maharashtra and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heavy Rainfall** likely at isolated places over Bihar, Coastal Karnataka, East Rajasthan, Madhya Pradesh, Odisha, Saurashtra & Kutch, Sub Himalayan West Bengal & Sikkim, Telangana, Uttarakhand, Vidarbha and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Rajasthan and Uttarakhand.

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Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 17-08-2025 :

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

Konkan & Goa - Mumbai City, Palghar, Raigarh, Ratnagiri, Suburban Mumbai and Thane 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.

Product: GFS FFR | Timescale: 24-hr | Region: "REGIONAL"
Product Date: 2025-08-16 00:00 UTC | Valid Date: 2025-08-17 00:00 UTC

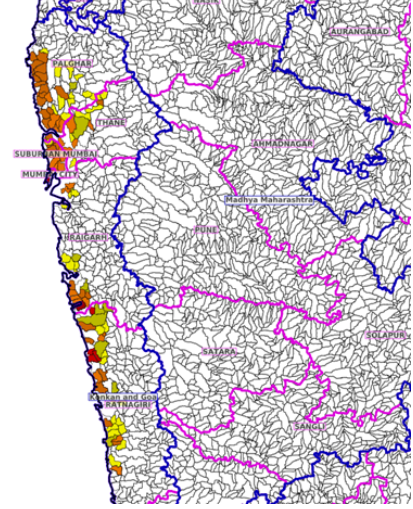




Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	16- Aug	17- Aug	18- Aug	19- Aug	20- Aug	21- Aug	22- Aug
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	WS	WS
2	ARUNACHAL PRADESH	SCT	SCT	SCT	SCT	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	FWS	WS	WS	WS
4	N. M. M. & T.	FWS	FWS	FWS	FWS	WS	WS	WS
5	S.H. WEST BENGAL & SIKKIM	FWS	WS	WS	FWS	FWS	WS	WS
6	GANGETIC WEST BENGAL	SCT	FWS	FWS	FWS	FWS	FWS	FWS
7	ODISHA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	SCT	FWS	FWS	FWS	FWS	FWS	FWS
9	BIHAR	SCT	SCT	SCT	SCT	FWS	FWS	FWS
10	EAST UTTAR PRADESH	ISOL	SCT	SCT	SCT	FWS	FWS	FWS
11	WEST UTTAR PRADESH	SCT	SCT	SCT	FWS	FWS	FWS	FWS
12	UTTARAKHAND	WS	WS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	FWS	FWS	FWS	SCT	FWS	SCT	SCT
14	PUNJAB	SCT	SCT	FWS	SCT	SCT	SCT	SCT
15	HIMACHAL PRADESH	FWS	FWS	WS	WS	FWS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	FWS	WS	FWS	SCT	SCT	SCT
17	WEST RAJASTHAN	ISOL	SCT	SCT	FWS	SCT	SCT	SCT
18	EAST RAJASTHAN	FWS	FWS	FWS	FWS	FWS	FWS	FWS
19	WEST MADHYA PRADESH	WS	WS	WS	WS	WS	WS	WS
20	EAST MADHYA PRADESH	FWS	FWS	FWS	WS	WS	WS	WS
21	GUJRAT REGION	WS	WS	WS	WS	WS	WS	WS
22	SAURASHTRA & KUTCH	WS	WS	WS	WS	WS	WS	WS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	FWS	FWS	WS	FWS	FWS	SCT	SCT
25	MARATHWADA	FWS	FWS	WS	FWS	FWS	SCT	SCT
26	VIDARBHA	FWS	FWS	FWS	WS	WS	WS	WS
27	CHATTISGARH	FWS	FWS	WS	WS	WS	WS	WS
28	COASTAL ANDHRA PRADESH	SCT	FWS	FWS	SCT	SCT	SCT	SCT
29	TELANGANA	WS	FWS	FWS	FWS	SCT	SCT	SCT
30	RAYALASEEMA	SCT	FWS	FWS	SCT	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	FWS	FWS	WS	WS	FWS	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	SCT	FWS	FWS	FWS	SCT	SCT	SCT
35	KERALA	WS	WS	WS	WS	FWS	FWS	FWS
36	LAKSHDWEEP	WS	WS	FWS	FWS	SCT	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 2025-08-16

Fig. 2: Departure of Maximum Temp. Dated 2025-08-16

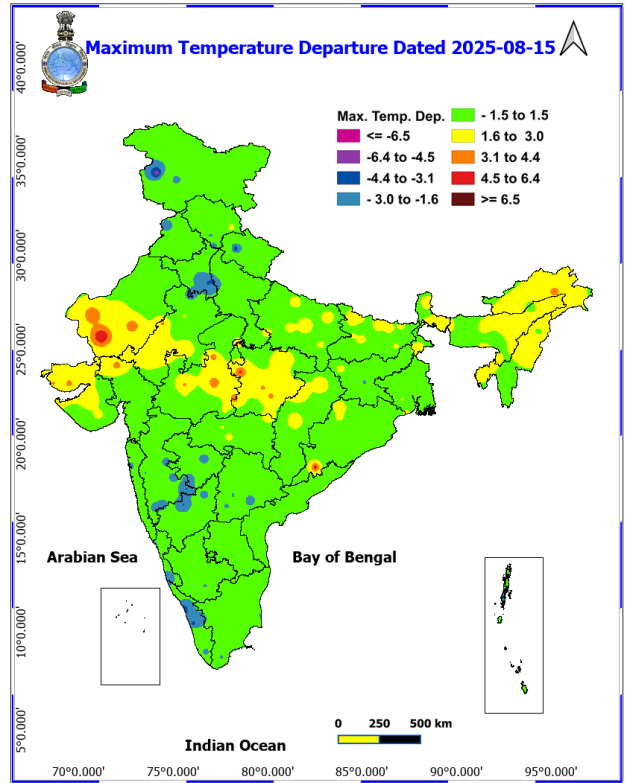
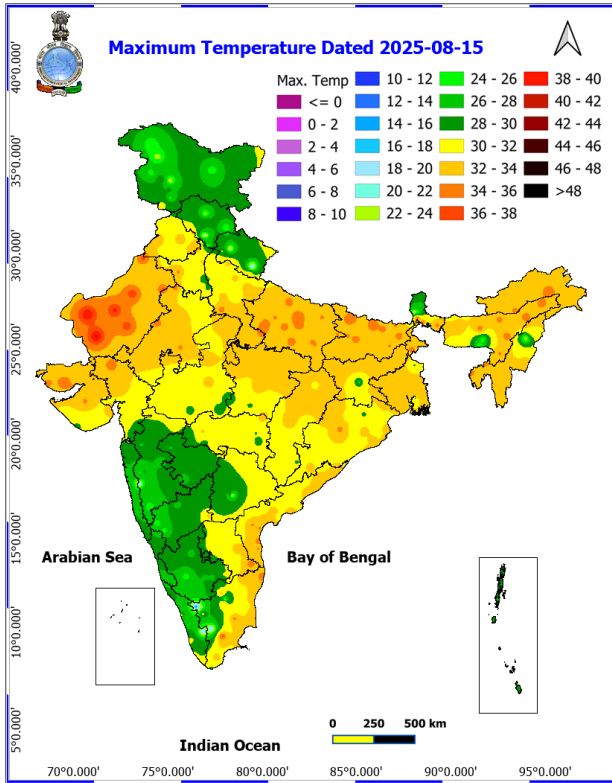
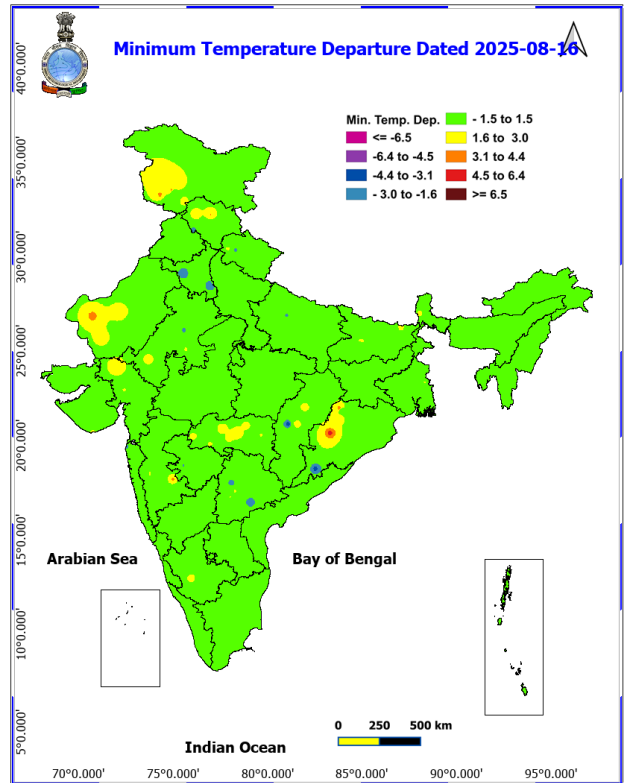
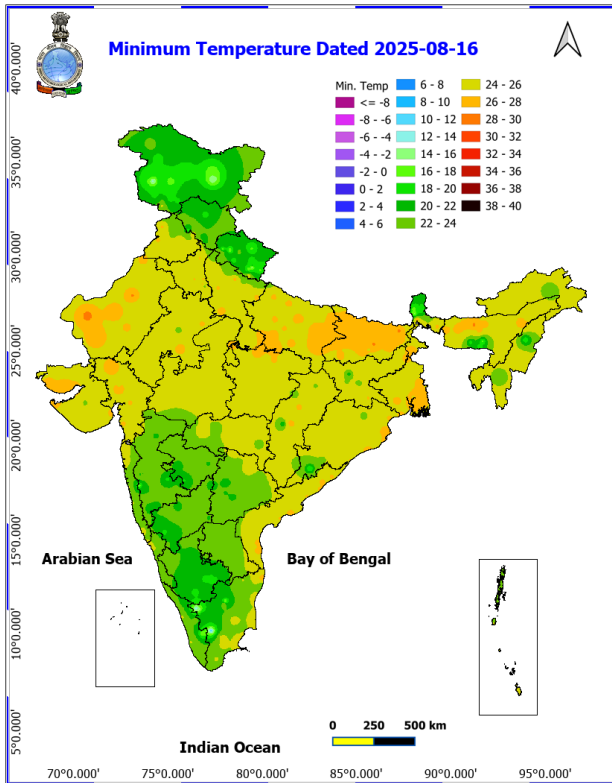
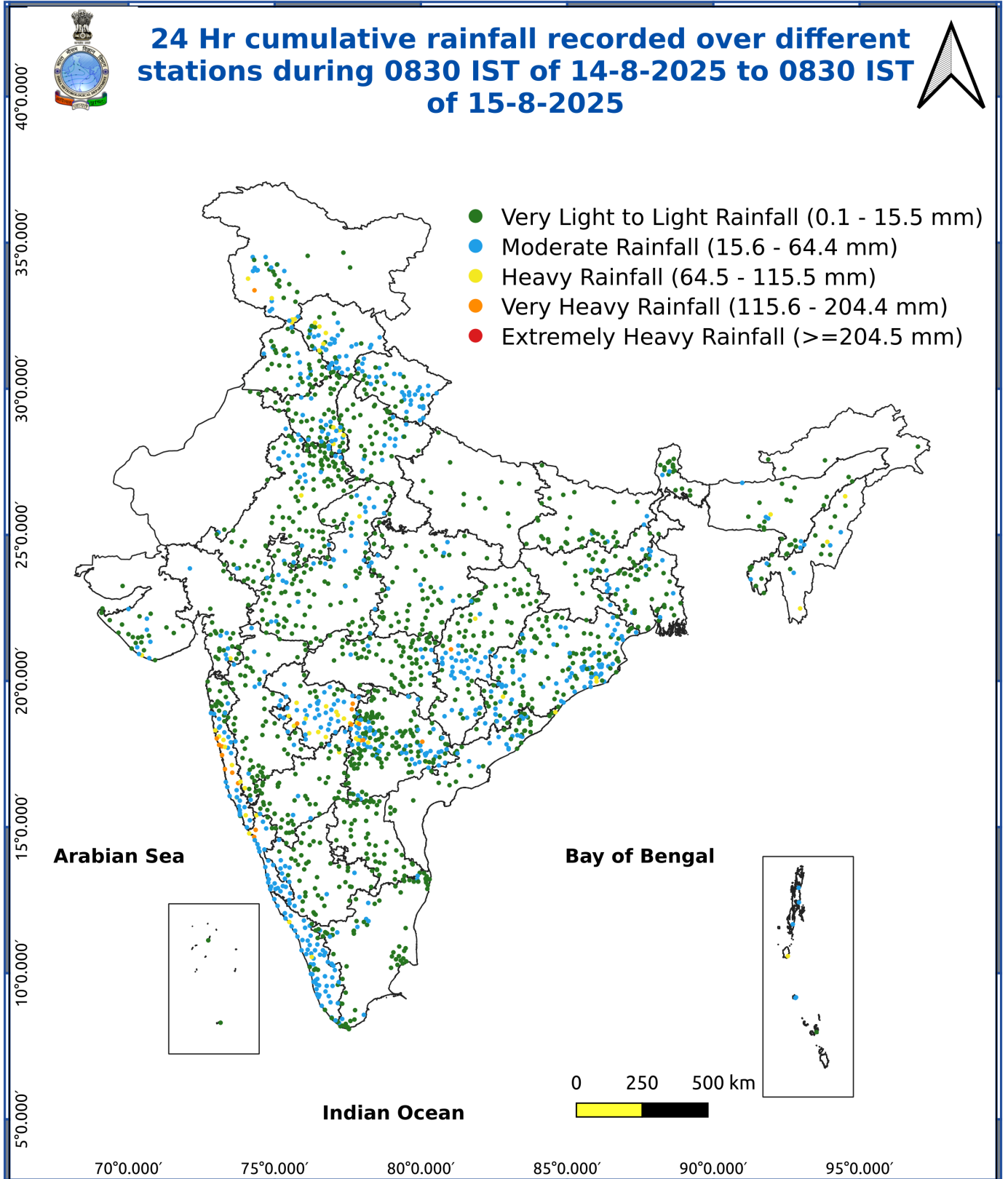


Fig. 3: Minimum Temperatures Dated 2025-08-16

Fig. 4: Departure of Minimum Temp. Dated 2025-08-16





Impact & Action Suggested due to

Extremely heavy rainfall at isolated places over Konkan & Goa & ghat areas of Madhya Maharashtra on 17th & 18th; Gujarat Region on 18th August.

Very heavy rainfall over Konkan & Goa during next 7 days; Ghat areas of Madhya Maharashtra & Gujarat Region during 16th-21th; Marathwada on 18th; Saurashtra & Kutch during 18th -20th; Uttarakhand on 16th & 17th; East Rajasthan & Coastal Karnataka on 18th & 19th; West Madhya Pradesh on 16th, 18th & 19th; Chhattisgarh during 19th-21th; Telangana during 16th - 19th; Coastal Andhra Pradesh & Yanam on 17th & 18th; Arunachal Pradesh & Nagaland, Manipur, Mizoram & Tripura on 20th & 21st; Assam & Meghalaya on 16th, 20th & 21st 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

- In **Maharashtra**, make arrangements to drain out excess water from the fields of rice, finger millet, turmeric, groundnut, vegetables and orchards in **Konkan**; rice, maize, groundnut, soybean, vegetables and orchards specially in *ghat* areas of **Madhya Maharashtra**; and standing crops like groundnut, black gram, green gram, cotton, pigeon pea, pearl millet, turmeric, sugarcane, orchards and vegetables in **Marathwada**.
- **Gujarat** - In **South Gujarat Heavy Rainfall Zone**, make arrangements to drain out excess water from rice, sugarcane, vegetables and tuber crops. Give mechanical support to sugarcane.
- In **Madhya Pradesh**, provide adequate drainage in the fields of maize, soybean, cotton and vegetables in **Satpura Plateau Zone**; soybean, maize and vegetables in **Malwa Plateau Zone**; rice, soybean, maize, sugarcane and vegetables in **Central Narmada Valley Zone**; soybean, pigeon pea, cotton and vegetables in **Nimar Valley Zone**; and maize, soybean, black gram, cotton, and pigeon pea in **Vindhyan Plateau Zone**.
- In **Telangana**, provide adequate drainage to drain out excess water in fields of rice, cotton, maize, soybean, pigeon pea, turmeric, vegetables in **Northern Telangana Zone**; and from rice, cotton, soybean, vegetables and vegetable nurseries in **Southern Telangana Zone**.
- In **Andhra Pradesh**, make arrangements to drain out excess water from maize, cotton, sugarcane, paddy, mesta, red gram, green gram, black gram and groundnut fields in **North Coastal Zone**; rice, maize and vegetable fields in **High Altitude Tribal Zone**.
- In **Odisha**, make arrangements to drain out excess water from maize and cotton fields in **North Eastern Ghat Zone**.
- In **Chhattisgarh**, make arrangements to drain out excess water from fields of *khari* maize, rice, minor millets,

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pulses and vegetables in **Bastar Plateau Zone**.

- In **Uttarakhand**, maintain proper drainage channels in fields of sown green gram, black gram, sugarcane, groundnut, sesame and vegetables in **Bhabar and Tarai Zone**; soybean, maize, pulses, finger millet, ginger and vegetable fields and fruit orchards in **Hill Zone**; and barnyard millet, finger millet and already sown green gram in **Sub Humid Sub Tropic Zone**.
- In **Himachal Pradesh**, maintain proper drainage channels in ginger, turmeric and maize fields in **Mid Hills Sub Humid Zone** and rice, maize and vegetable fields in **Sub Montane and Low Hills Sub Tropical Zone**. Undertake harvesting of ripened tomatoes in **High Hills Sub Temperate Wet Zone**

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.

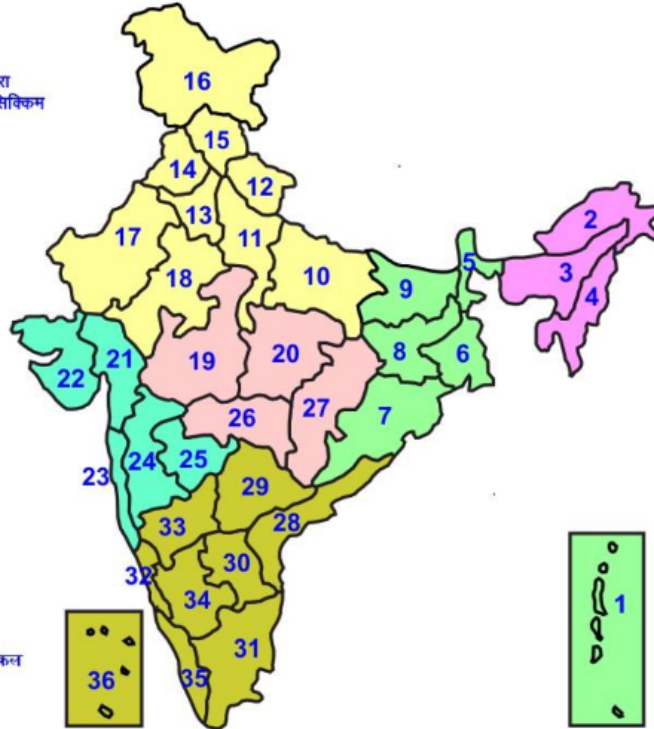
Legends & abbreviations:

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, 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 चंडिगढ़ 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 atleast 1 minute.

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



Effect of various waves in the sea over specific area

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



Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)
Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)
Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)
Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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