

2025-08-11

Time of Issue: 08:13:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather, Forecast and Warnings :

Northwest India:

Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 16th; Himachal Pradesh on 15th & 16th; Punjab on 11th, 14th & 15th, Haryana, Chandigarh & Delhi on 11th & during 13th -15th; West Uttar Pradesh on 16th; East Uttar Pradesh on 12th & 15th; East Rajasthan on 15th & 16th August with **extremely heavy rainfall** likely over Uttarakhand on 13th; **very heavy rainfall** over Jammu-Kashmir during 13th-15th; Himachal Pradesh during 11th-14th; Uttarakhand on 11th & 12th & during 14th -16th; West Uttar Pradesh on 13th & 15th; East Uttar Pradesh on 13th & 14th August.

Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad & Uttarakhand during next 7 days.

Northeast India:

Light/moderate rainfall at many places accompanied with thunderstorm, lightning and isolated **heavy rainfall** likely to continue over Arunachal Pradesh on 11th & 13th; Assam & Meghalaya during 11th & 14th; Nagaland, Manipur, Mizoram & Tripura on 13th & 14th with isolated **very heavy rainfall over Arunachal Pradesh** on 12th and Assam & Meghalaya on 12th & 13th August.

Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely during next 3 days.

South Peninsular India:

Isolated **heavy rainfall** likely over North Interior Karnataka during 14th - 16th; South Interior Karnataka on 15th & 16th; Coastal Andhra Pradesh & Yanam on 12th, 13th & 16th; Rayalaseema on 14th & 15th; Telangana on 11th-12th; Coastal Karnataka during 14th -16th August with isolated **very heavy rainfall over Coastal Andhra Pradesh & Yanam on 14th & 15th; Telangana during 13th-16th August.**

Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India during next 2 days.

Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over, Rayalaseema, Coastal Andhra Pradesh & Yanam and Telangana during next 5 days & Karnataka during 14th -16th.

East & Central India:

Isolated **heavy rainfall** likely over West Madhya Pradesh on 14th & 16th; East Madhya Pradesh during 11th-16th; Vidarbha on 12th, 15 & 16th; Chhattisgarh on 12th; Andaman & Nicobar Islands on 11th; Sub-Himalayan West Bengal & Sikkim on 13th & 14th; Bihar during 11th-13th; Odisha on 15th & 16th August with **isolated very heavy rainfall over West Madhya Pradesh on 15th; Vidarbha on 13th & 14th; Chhattisgarh on during 13th -16th; Sub-Himalayan West Bengal & Sikkim on 11th & 12th; Odisha during 12th & 14th August.**

Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 5 days.

West India:

Isolated **heavy rainfall** likely over Madhya Maharashtra during 14th - 16th; Konkan & Goa during 12th-16th August.

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

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST to 1730 hours IST of yesterday): **at most places** over Arunachal Pradesh and Coastal Karnataka; **at many places** over Odisha, Konkan & Goa, Sub-himalayan West Bengal & Sikkim, Madhya Maharashtra, Himachal Pradesh, Assam & Meghalaya, Uttarakhand, Marathwada, Tamilnadu Puducherry & Karaikal, Bihar, East Uttar Pradesh, Jammu & Kashmir and Ladakh, Jharkhand, Punjab, West Uttar Pradesh, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, East Rajasthan, Kerala & Mahe, Gujarat Region, West Madhya Pradesh, Saurashtra & Kutch, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, South Interior Karnataka, North Interior Karnataka and East Madhya Pradesh; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST to 1730 hours IST of yesterday): East Uttar Pradesh: Ballia-obs2 (dist Ballia) 7; Saurashtra & Kutch: Daman (dist Daman) 6; Tamilnadu puducherry & karaikal: Tiruppattur (dist Tirupathur) 5; Assam & Meghalaya: Cherrapunji (dist East Khasi Hills) 5; **Bihar**: Patna-airport (dist Patna) 3; Konkan & Goa: Ratnagiri (dist Ratnagiri), Matheran (dist Raigad) 3 Each; East Madhya Pradesh: Damoh-obs (dist Damoh) 3; **Odisha**: Chandbali (dist Bhadrak) 3.

❖ **Heavy Rainfall observed** (from 0830 hours IST to 1730 hours IST of yesterday): **Heavy rain** at isolated places over East Uttar Pradesh

❖ **Minimum Temperature Departures (as on 10-08-2025): markedly above normal(> 5.1°C)** at most places over Himachal Pradesh; at few places over West Madhya Pradesh; at isolated places over Assam & Meghalaya, Gangetic West Bengal and East Madhya Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, Gujarat Region, Saurashtra & Kutch and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at most places over Andaman & Nicobar Islands; at few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan and Kerala & Mahe; at isolated places over Haryana-Chandigarh-Delhi, West Rajasthan, Madhya Maharashtra, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at many places over Jharkhand and Rayalaseema; at most places over Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh, West Uttar Pradesh, Punjab, Konkan & Goa, Marathwada, Telangana, Coastal Karnataka, North Interior Karnataka and Lakshadweep; at few places over Arunachal Pradesh. **The lowest minimum temperature** of 19.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 10-08-2025): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya and Madhya Maharashtra. **appreciably above normal(3.1°C to 5.0°C)** at many places over Vidarbha and Chhattisgarh; at few places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Odisha, Himachal Pradesh, East Rajasthan, East Madhya Pradesh and Telangana. **above normal(1.6°C to 3.0°C)** at many places over Jharkhand and Gujarat Region; at few places over Gangetic West Bengal, Punjab, West Rajasthan and West Madhya Pradesh; at isolated places over Andaman & Nicobar Islands, Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Saurashtra & Kutch, 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 Bihar, West Uttar Pradesh, Uttarakhand and Tamil Nadu, Puducherry & Karaikal; at most places over Konkan & Goa, Coastal Karnataka, North Interior Karnataka and Lakshadweep; at few places over Arunachal Pradesh. **The highest maximum temperature** of 39.1°C was reported at SRIGANGANAGAR (RAJASTHAN).

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Meteorological Analysis (Based on 0530 hours IST)

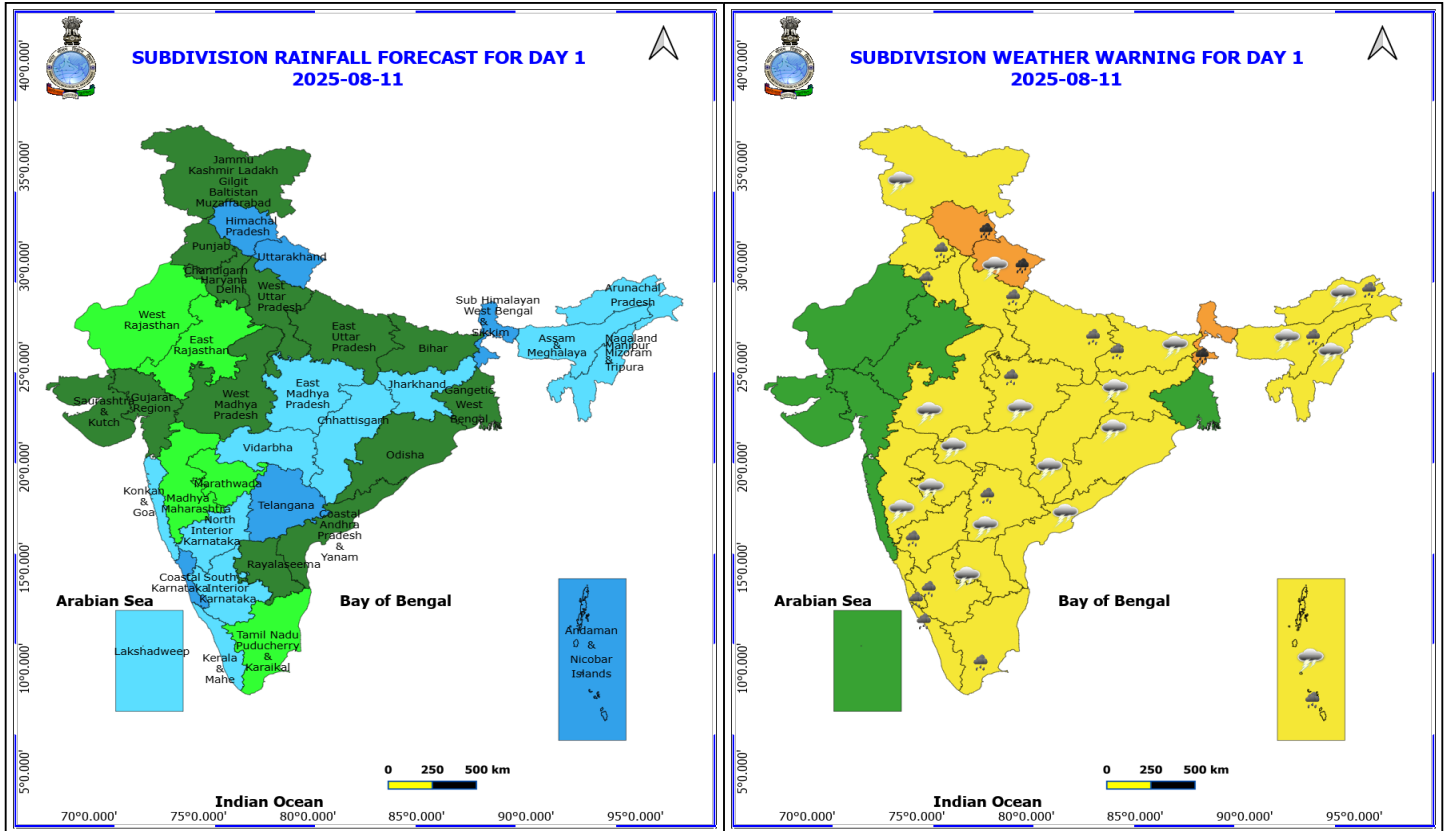
- The **monsoon trough** at mean sea level now passes through Amritsar, Patiala, Bareilly, Lucknow, Gorakhpur, Patna, Purnea and thence northeastwards to Arunachal Pradesh.
- An **Upper Cyclonic Circulation** lies over north Coastal Andhra Pradesh & adjoining Telangana between 3.1 & 5.8 km above mean sea level tilting southwards with height.
- The **upper air cyclonic circulation** over central parts of Uttar Pradesh now lies northwest Uttar Pradesh and extends upto 3.1 km above mean sea level.
- The **upper air cyclonic circulation** over northeast Arabian sea & adjoining Gujarat now lies over Kutch & neighbourhood at 3.1 km above mean sea level.
- The **upper air cyclonic circulation** over north interior Karnataka and neighbourhood between 4.5 & 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over northeast Assam extending upto 1.5 km above mean sea level persists.
- The **Western Disturbance** a cyclonic circulation over north Pakistan & neighbourhood between 3.1 & 5.8 km above mean sea level persists.
- A **Low-Pressure area** is likely to form over northwest & adjoining westcentral Bay of Bengal around 13th August, 2025.

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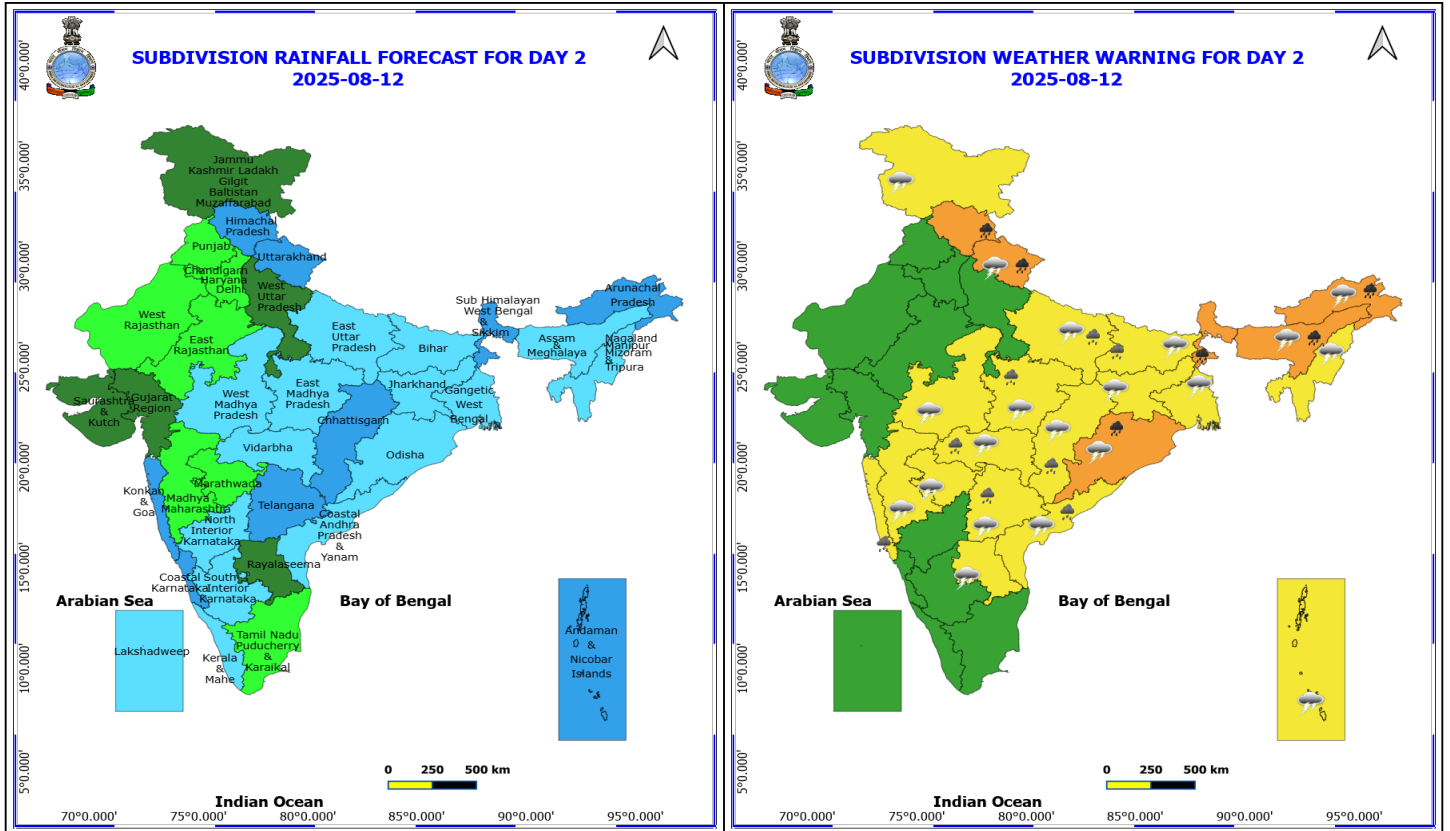
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11 August (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Himachal Pradesh, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
 - ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Bihar, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Karnataka, Kerala & Mahe, Punjab, Tamil Nadu Puducherry & Karaikal, Telangana and Uttar Pradesh.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Jharkhand.
 - ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Telangana and Uttarakhand.
- Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia & Oman coasts, some parts of southwest Arabian Sea and adjoining some parts of westcentral Arabian sea.
 - Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail over Gulf of Mannar, adjoining Comorin area, along and off Sri-Lanka coast, many parts of southwest Bay of Bengal, adjoining parts of southeast Bay of Benga, over Andaman sea.

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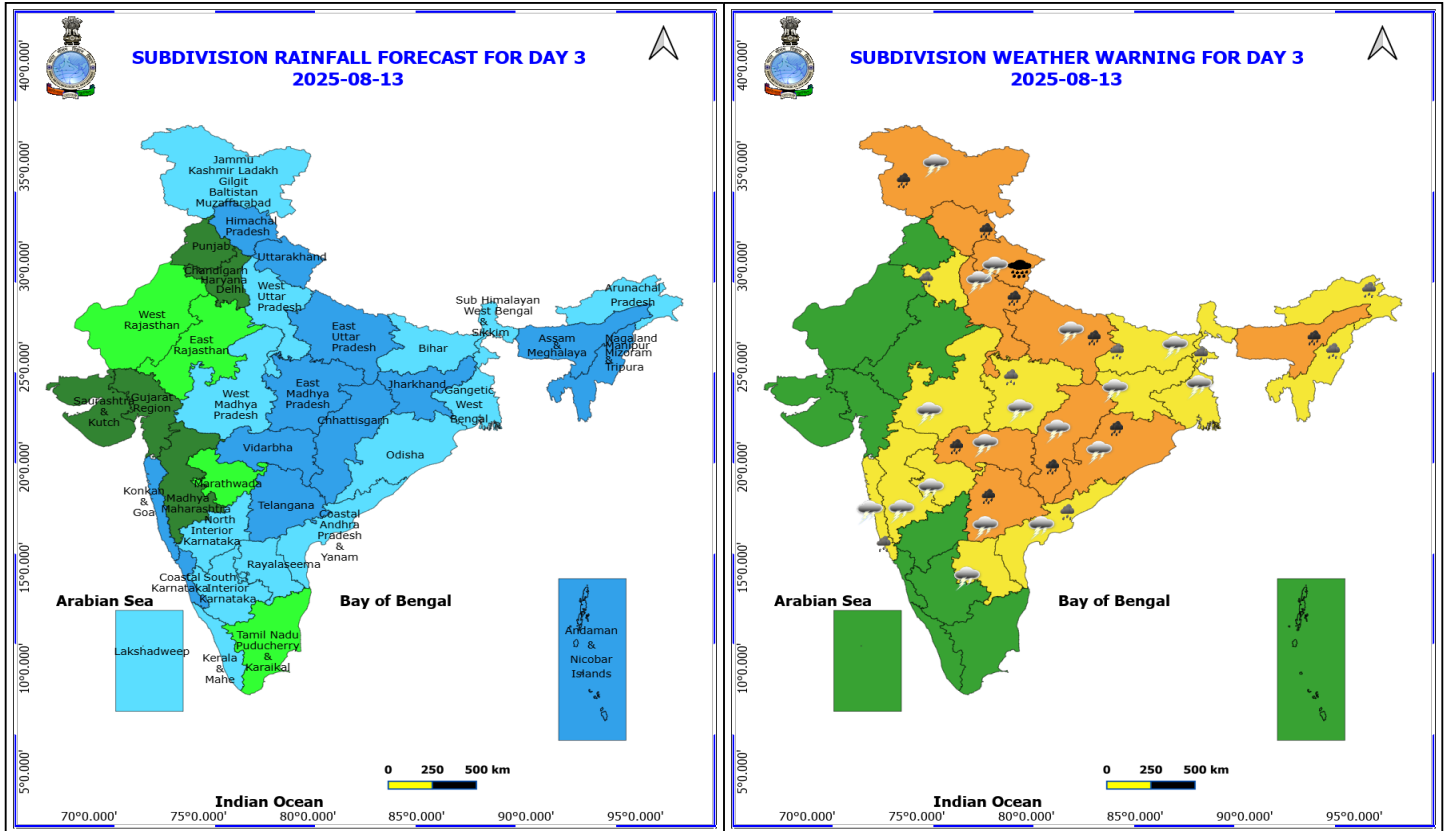


12 August (Day 2)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Himachal Pradesh, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
 - ❖ **Heavy Rainfall** very likely at isolated places over Bihar, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, East Uttar Pradesh, Konkan & Goa, Telangana and Vidarbha.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Jharkhand.
 - ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, East Uttar Pradesh, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Telangana and Uttarakhand.
- 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, few parts of southwest Arabian Sea, southern parts of north Arabian sea east.
 - Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off north Gujarat coast & adjoining northeast Arabian Sea over Gulf of Mannar and adjoining Comorin area, along and off Sri-Lanka coast, over southwest Bay of Bengal & adjoining parts of southeast, westcentral Bay of Bengal and over Andaman sea.

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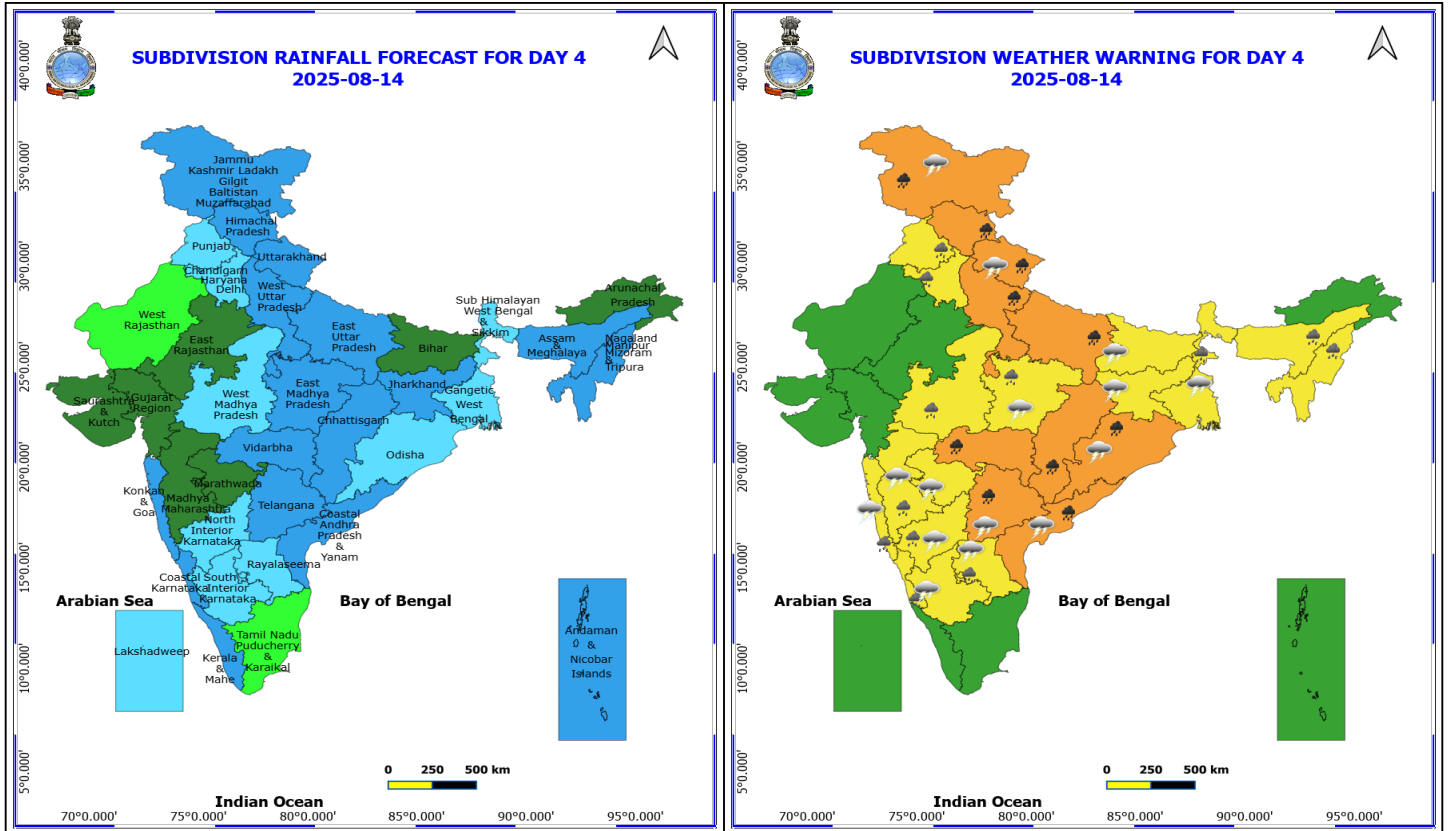


13 August (Day 3)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Uttarakhand.
 - ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Telangana, Uttar Pradesh and Vidarbha.
 - ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Bihar, Coastal Andhra Pradesh, East Madhya Pradesh, Haryana, Chandigarh & Delhi, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
 - ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Jharkhand.
 - ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Chhattisgarh, Konkan & Goa, Madhya Pradesh, Maharashtra, Odisha, Telangana, Uttar Pradesh and Uttarakhand.
- 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, few parts of southwest Arabian Sea, southern parts of north Arabian sea east.
 - Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off north Gujarat coast & adjoining northeast Arabian Sea, along and off Konkan & Goa coasts, over Gulf of Mannar and adjoining Comorin area, along and off Sri-Lanka coast, over southwest Bay of Bengal & adjoining, many parts of southeast, southern parts of central Bay of Bengal, over Andaman sea, along and off north Andhra Pradesh, south Odisha coast, adjoining sea areas.

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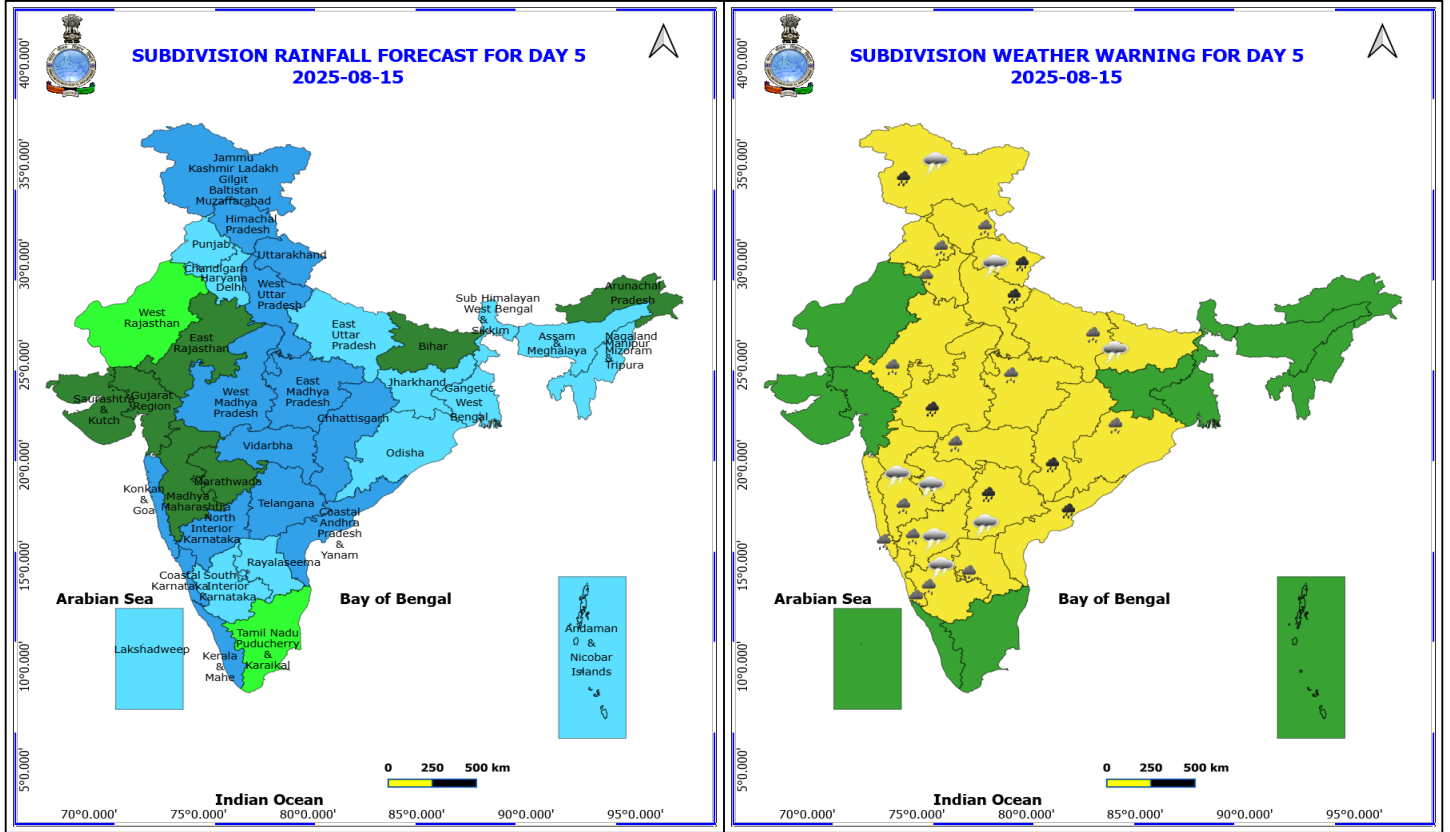
14 August (Day 4)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Haryana, Chandigarh & Delhi, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Punjab, Rayalaseema and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, East Madhya Pradesh, Interior Karnataka, Konkan & Goa, Madhya Maharashtra, Marathwada, Odisha, Telangana and Uttarakhand.

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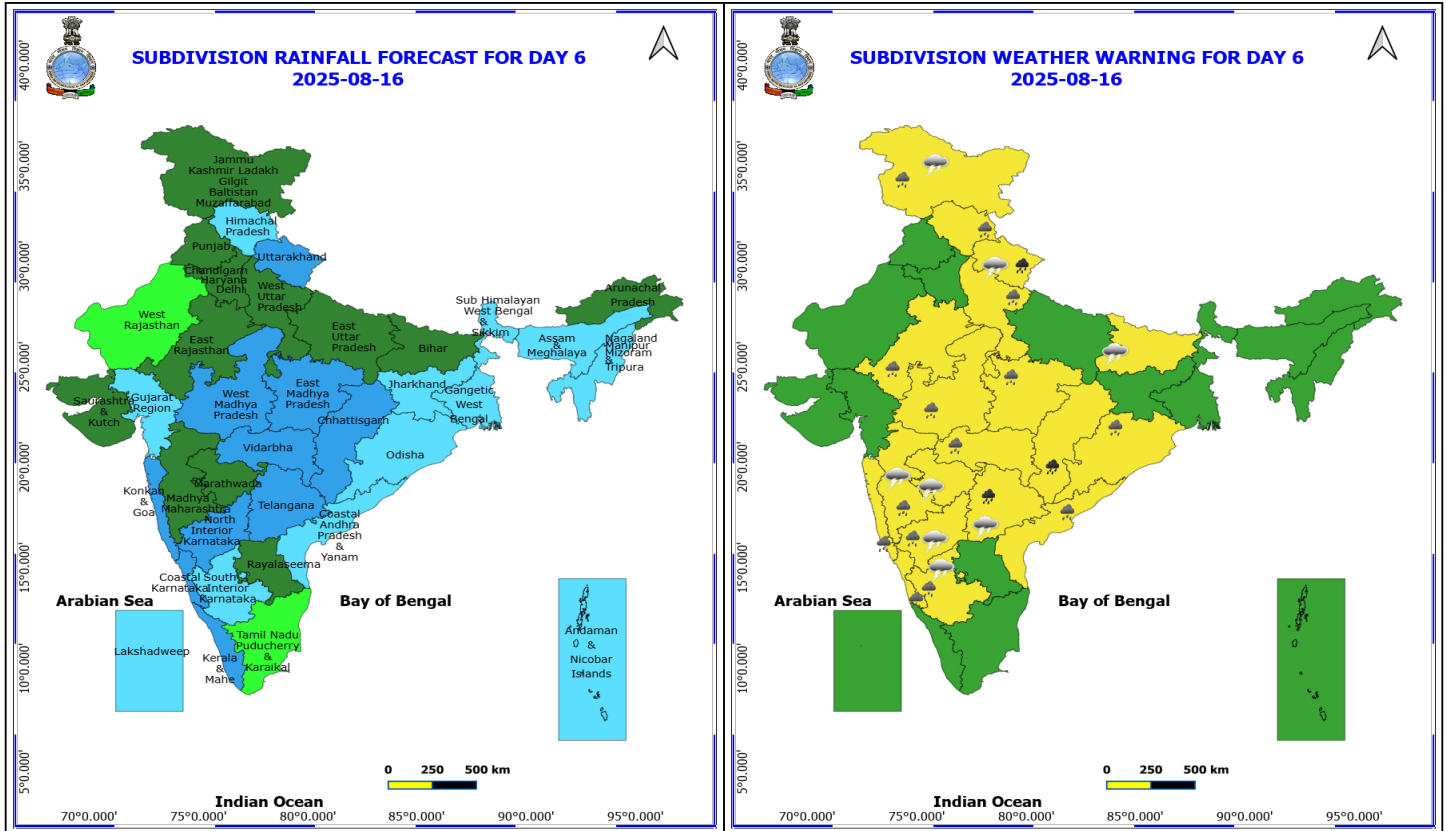
15 August (Day 5)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Telangana, Uttarakhand, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over East Madhya Pradesh, East Rajasthan, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Karnataka, Konkan & Goa, Madhya Maharashtra, Odisha, Punjab, Rayalaseema and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Madhya Maharashtra, Marathwada, Telangana and Uttarakhand.

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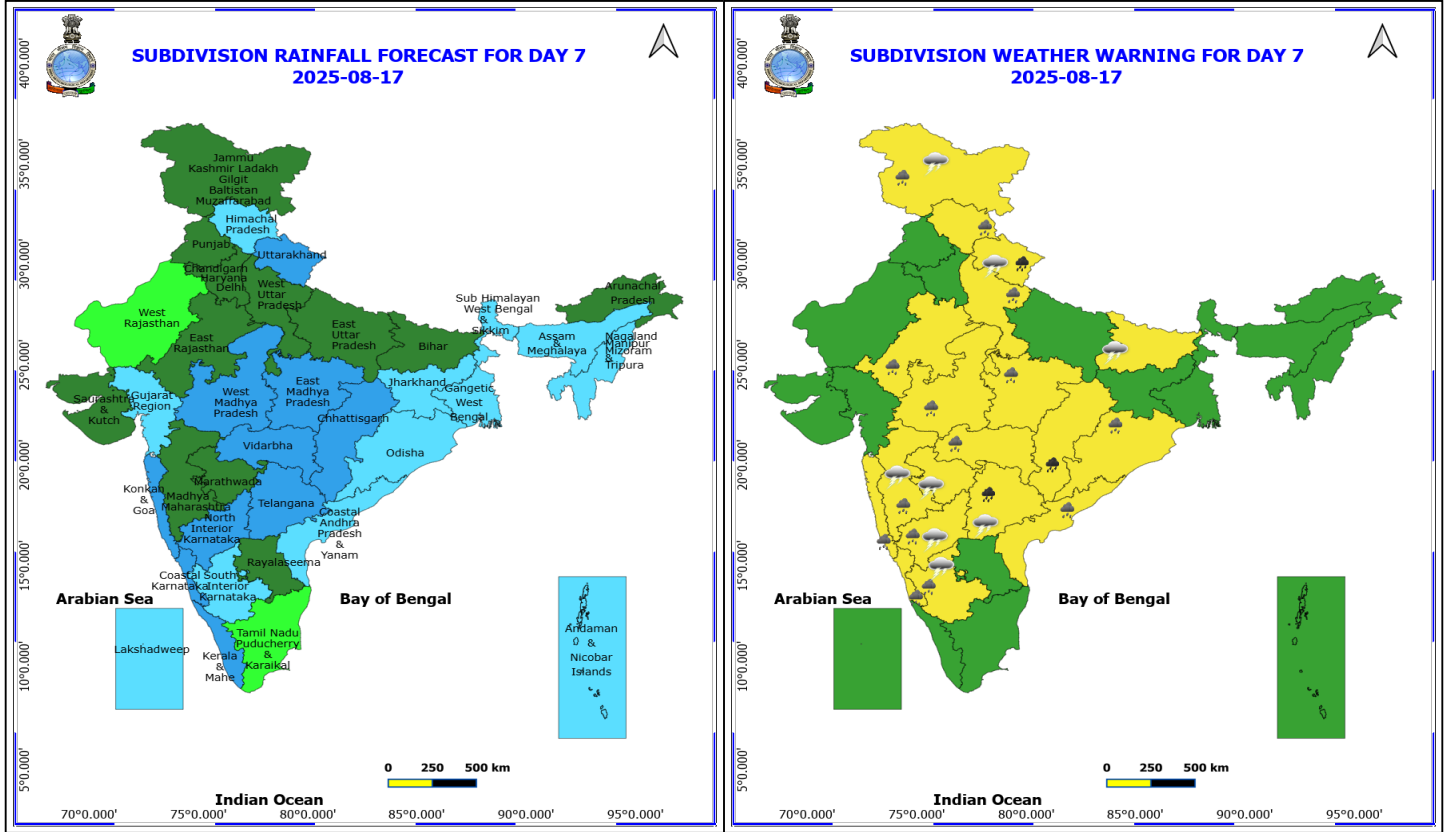
16 August (Day 6)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Telangana and Uttarakhand.
- ❖ **Heavy Rainfall** likely at isolated places over Coastal Andhra Pradesh, East Rajasthan, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Karnataka, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Odisha, Vidarbha and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Madhya Maharashtra, Marathwada, Telangana and Uttarakhand.

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17 August (Day 7)

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Telangana, Uttarakhand, West Madhya Pradesh and West Uttar Pradesh.
- ❖ **Heavy Rainfall** likely at isolated places over East Madhya Pradesh, East Rajasthan, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Karnataka, Konkan & Goa, Madhya Maharashtra, Odisha, Punjab, Rayalaseema and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Madhya Maharashtra, Marathwada, Telangana and Uttarakhand.

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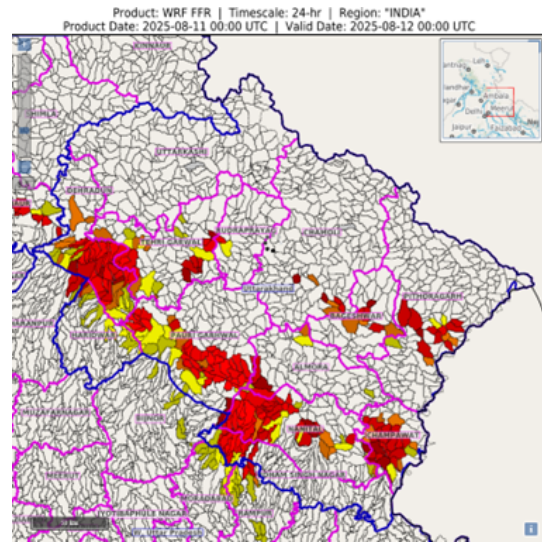
Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 12-08-2025 :

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

Uttarakhand - Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garwal and Udham Singh Nagar districts.

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



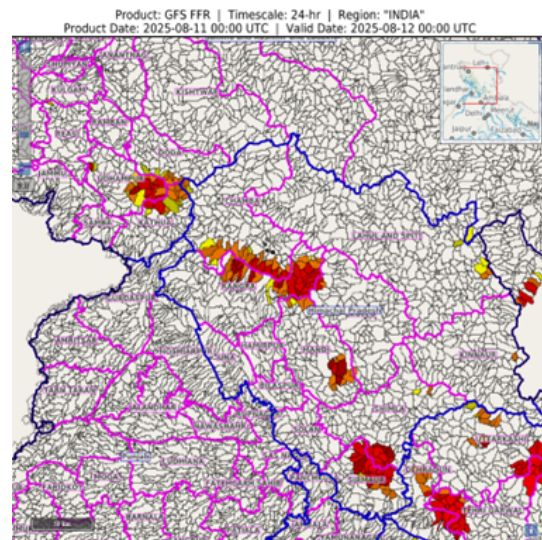
24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 12-08-2025 :

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

Jammu & Kashmir and Ladakh- Udhampur, Kathua, and Doda districts.

Himachal Pradesh – Chamba, Kangra, Kullu, Mandi, Shimla and Sirmaur districts

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



24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 12-08-2025 :

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

Sub-Himalayan West Bengal & Sikkim - East Sikkim, North Sikkim, South Sikkim, West Sikkim, Darjeeling, Jalpaiguri and Cooch Bihar districts.

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

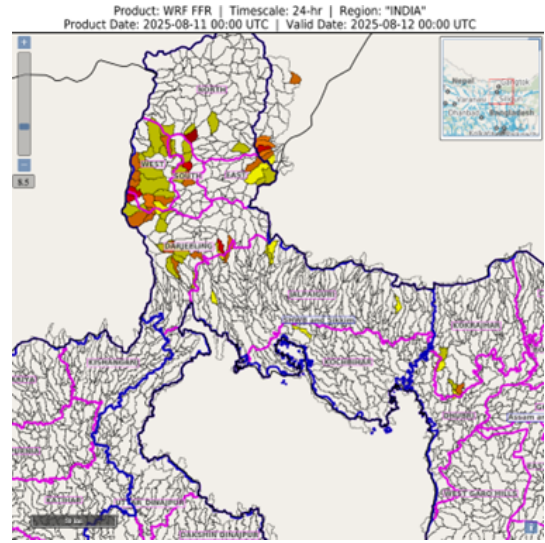




Table-1

7 Days Rainfall Forecast

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

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

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Fig. 1: Maximum Temperatures Dated 2025-08-11

Fig. 2: Departure of Maximum Temp. Dated 2025-08-11

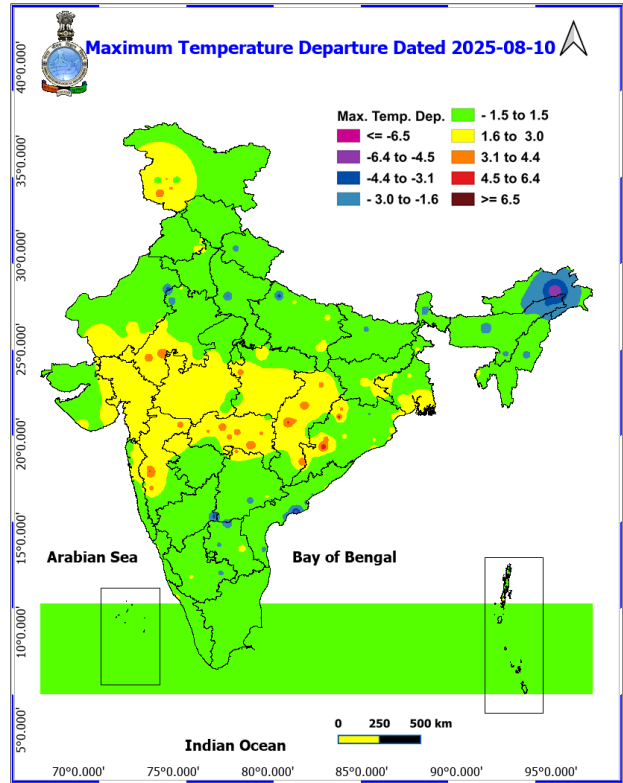
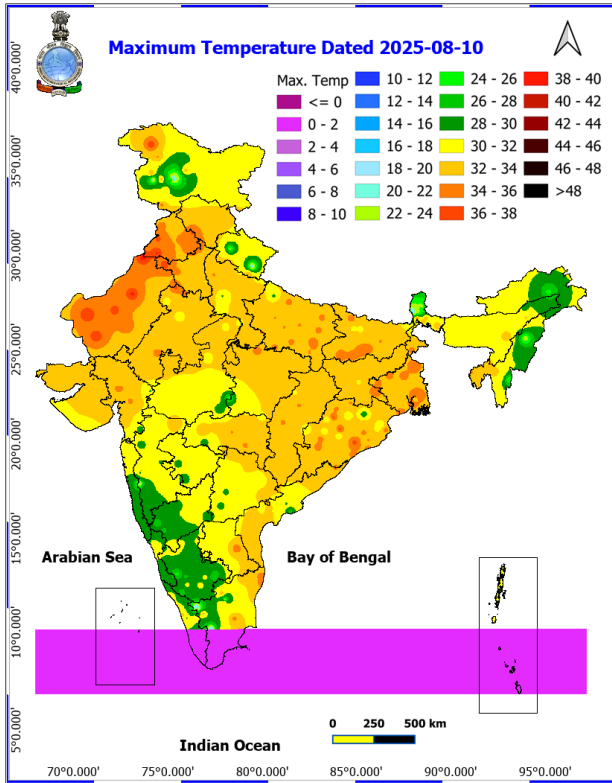
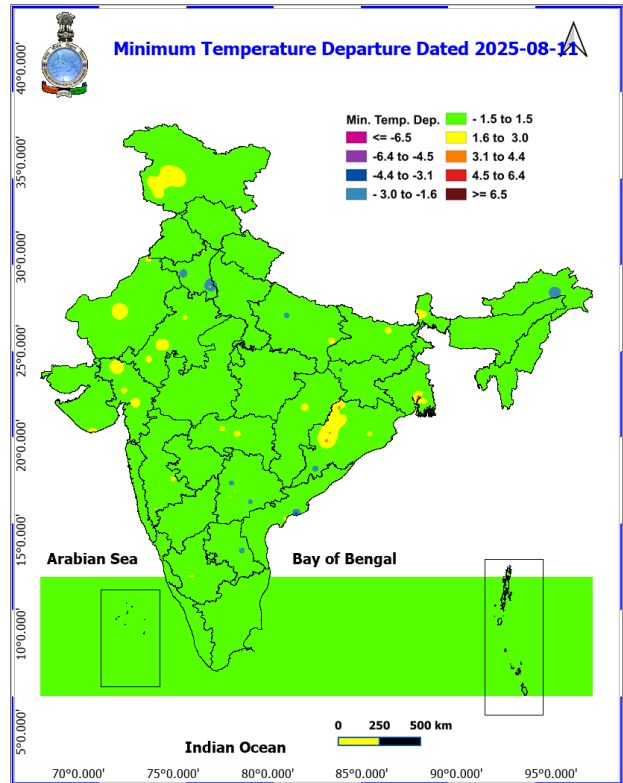
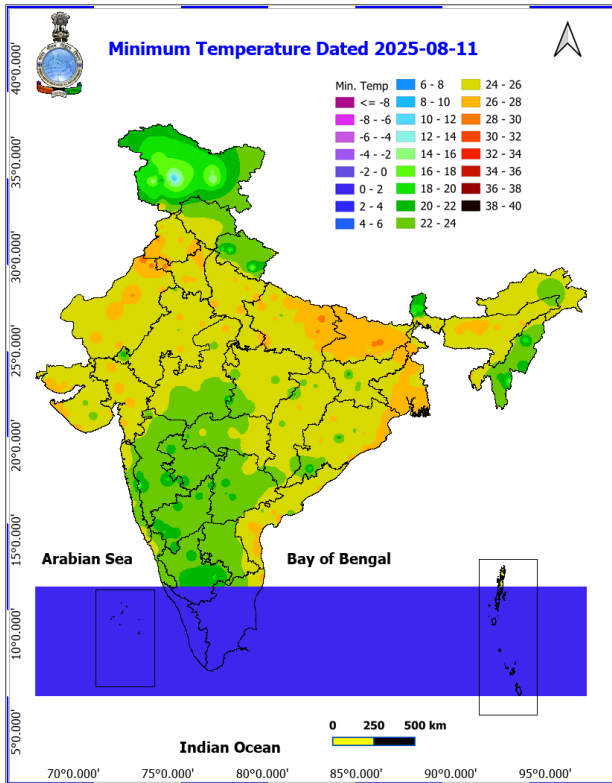


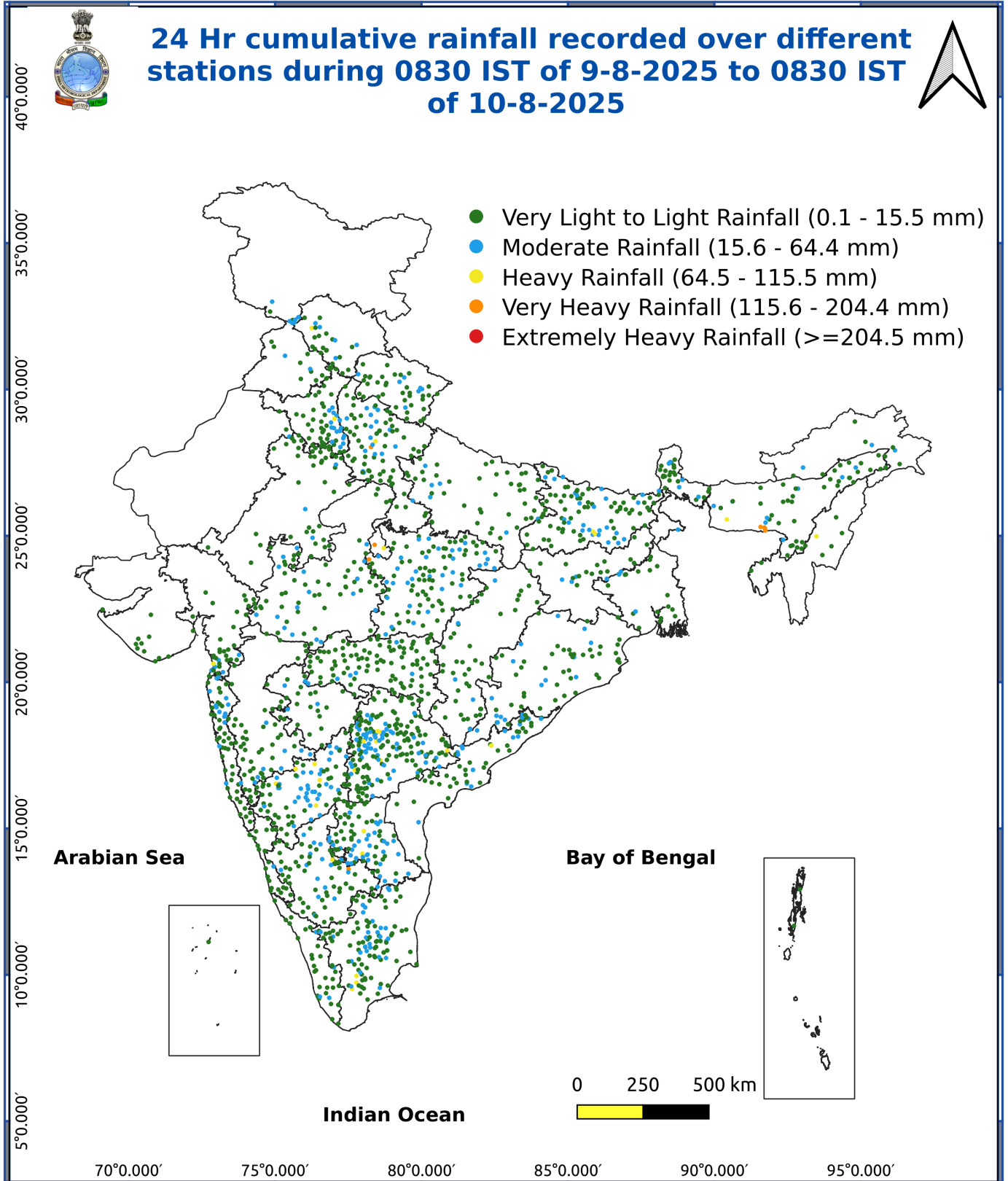
Fig. 3: Minimum Temperatures Dated 2025-08-11

Fig. 4: Departure of Minimum Temp. Dated 2025-08-11



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Impact & Action Suggested due to

Extremely heavy rainfall likely over Uttarakhand on 13th August; **very heavy rainfall** over Jammu-Kashmir during 13th-15th; Himachal Pradesh during 11th-14th; Uttarakhand on during 11th -12th & 14th -16th; West Uttar Pradesh on 13th & 15th; East Uttar Pradesh, Vidarbha on 13th & 14th; Arunachal Pradesh on 12th; Assam & Meghalaya on 12th & 13th; over Coastal Andhra Pradesh & Yanam on 14th & 15th; Telangana during 13th-16th; West Madhya Pradesh on 15th; Chhattisgarh on during 13th -16th; Sub-Himalayan West Bengal & Sikkim on 11th & 12th; Odisha during 12th & 14th August.

Impact Expected

Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.

Occasional reduction in visibility due to heavy rainfall.

Disruption of traffic in major cities due to water logging in roads leading to increased travel time.

Minor damage to 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 Uttarakhand, make necessary arrangements to drain out excess water from the fields of already sown / transplanted rice, sugarcane, maize, black gram, green gram, groundnut, pigeon pea, finger millet, soybean and vegetables in Bhabar and Tarai Zone; and from barnyard millet, finger millet, green gram and black gram in Sub Humid Sub Tropic Zone. In Hill Zone, strengthen the bunds to prevent surface runoff of water. Postpone sowing of vegetable pea till soil attains optimum moisture level. Maintain proper drainage channels in vegetable and crop fields. Undertake harvesting of matured capsicum fruits. Postpone sowing of vegetable pea until the soil attains optimum moisture, especially under excessive wet soil conditions.

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In Himachal Pradesh, provide proper drainage channels in maize, ginger, turmeric and vegetable fields in Mid Hills Sub Humid Zone; and rice, maize and vegetable fields in Sub Montane and Low Hills Sub Tropical Zone. In High Hills Sub Temperate Wet Zone, undertake harvesting of ripened tomato and cover the cauliflower nursery with plastic sheets to prevent damage from heavy rainfall.

In Madhya Pradesh, provide adequate drainage in the fields of maize, soybean, blackgram, cotton, and pigeon pea in Vindhyan Plateau Zone; maize, soybean, cotton, sugarcane and vegetables in Satpura Plateau Zone; rice, soybean, maize, sugarcane and vegetables in Central Narmada Valley Zone and soybean, pigeon pea, cotton and vegetables in Nimar Valley Zone.

In Bihar, make provisions to drain out excess water from standing crops such as maize, nurseries of onion, chilli, and cauliflower in North West Alluvial Plain Zone; maize, finger millet, ragi, kodo, sava, china etc. in North East Alluvial Zone.

In Sub-Himalayan West Bengal, make provision to drain out excess water from rice, ginger, vegetable fields and fruit orchards in Hill Zone and aman paddy and vegetable fields in Terai Zone. Cover the chilli seedlings with plastic to protect them from heavy rains in Terai Zone.

In Arunachal Pradesh, ensure proper drainage in rice, maize, finger millet, soybean, vegetables, and fruit orchards to avoid waterlogging. Provide strong support to fruit-bearing plants to prevent them from bending or breaking during heavy rains.

In Assam, to prevent waterlogging, ensure proper drainage in Sali rice, green gram and pigeon pea fields and banana orchards in Lower Brahmaputra Valley Zone; Sali rice and sugarcane fields in North Bank Plain Zone and Sali rice fields in Upper Brahmaputra Valley Zone.

In Meghalaya, ensure proper drainage in rice, maize, turmeric, chilli, okra and bitter gourd fields to prevent waterlogging. Provide staking/support to tall and fragile crops like banana, papaya, bottle gourd etc. to prevent lodging.

In Tamil Nadu, ensure proper drainage in sorghum fields to prevent waterlogging, especially in heavy soils and low-lying areas. Ensure proper drainage around the coconut plants to avoid root rot.

In West Uttar Pradesh, maintain proper drainage in fields of rice, pigeon pea, sugarcane and vegetable crops in South Western Semi-Arid Zone.

In Telangana, drain out excess water from rice nurseries and recently transplanted rice as well as from fields of cotton, maize, red gram, soybean, sugarcane, and vegetables.

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)

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 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 मराठावाडा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं चनम
- 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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