

2025-09-01

Time of Issue: 08:31:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

Northwest India:

- **Extremely heavy rainfall** very likely at isolated places over Uttarakhand on 30^{1st} September, southern parts of Himachal Pradesh during 01st September- 02nd September, Jammu-Kashmir-Ladakh on 02nd September.
- Isolated **heavy rainfall** likely to continue over Uttarakhand, East Rajasthan during next 7 days; Jammu-Kashmir-Ladakh, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh during 01st -02nd September; Himachal Pradesh during 01st - 03rd September; East Uttar Pradesh, West Rajasthan on 01st September with **isolated very heavy rainfall very likely over Jammu-Kashmir-Ladakh on 01st & 02nd, Himachal Pradesh during 01st- 02nd September; Uttarakhand, Punjab at a few places during 01st- 02nd September, Haryana Chandigarh & Delhi, West Uttar Pradesh at a few places on 01st September; East Uttar Pradesh and East Rajasthan on 01st September.**
- Light/moderate rainfall at most/many places over Northwest India and accompanied with thunderstorm & lightning likely over Uttarakhand during & East Rajasthan during next 7 days; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during next 4 days; Uttar Pradesh & West Rajasthan during next 2 days; Himachal Pradesh on today.

West India:

- **Extremely heavy rainfall** very likely at isolated places over Gujarat Region on 04th & 05th, Saurashtra & Kutch on 05th & 06th.
- **Isolated heavy rainfall** is very likely over Gujarat region, Konkan & Goa, Madhya Maharashtra during next 7 days and Marathwada on 02nd & 03rd, Saurashtra & Kutch during 04th -06th September with **very heavy rainfall over Gujarat Region on during 03rd -06th September; Saurashtra & Kutch during 04th -06th; Konkan & Goa & Madhya Maharashtra during 03th-05th September.**
- Light to moderate rainfall accompanied with thunderstorm & lightning at a few places very likely over the region during next 5 days.

East & Central India:

- Isolated **heavy rainfall** likely over Madhya Pradesh, Chhattisgarh, during next 5 days; Odisha during next 4 days; Vidarbha during 02nd-04th September, Andaman & Nicobar & Bihar Islands on 31st August; Sub-Himalayan West Bengal & Sikkim during 01st- 02nd September with isolated **very heavy rainfall over Odisha on 01st & 02nd September.**
- Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 5 days.

Northeast India:

- Isolated **heavy rainfall** likely to continue over Nagaland, Manipur, Mizoram & Tripura during next 7 days; Assam & Meghalaya during 02nd -06th September, Arunachal Pradesh on 05th & 06th September.
- Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely during next 5 days.

South Peninsular India:

- Isolated **heavy rainfall** likely over Kerala & Mahe & Coastal Karnataka during next 7 days; August; North Interior Karnataka on 02nd; Coastal Andhra Pradesh & Yanam during 01st -03rd September; Telangana on 01st -02nd September with isolated **very heavy rainfall over Coastal Karnataka on 02nd & 03rd September.**
- Light to moderate rainfall accompanied with thunderstorm & lightning at a few places likely over the region during next 5 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 East Madhya Pradesh, Kerala & Mahe, West Madhya Pradesh, Madhya Maharashtra, Gujarat Region, South Interior Karnataka, West Uttar Pradesh, Jammu & Kashmir and Ladakh, West Rajasthan, Andaman & Nicobar Islands, Chhattisgarh, Coastal Karnataka, Himachal Pradesh, Uttarakhand, Konkan & Goa, Telangana, Marathwada and Lakshadweep; **at many places** over Vidarbha, Saurashtra & Kutch, Haryana Chandigarh & Delhi, Coastal Andhra Pradesh & Yanam, Jharkhand, Sub-himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura, Assam & Meghalaya, North Interior Karnataka, East Rajasthan, Punjab, Tamilnadu Puducherry & Karaikal, East Uttar Pradesh, Odisha and Rayalaseema; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): East madhya pradesh: Satna (dist Satna) 10, Jabalpur (dist Jabalpur) 5; East rajasthan: Ajmer (dist Ajmer) 8, Jaipur (dist Jaipur) 3; West uttar pradesh: Bareilly (dist Bareilly) 8; Jammu & kashmir and ladakh: Jammu (dist Jammu) 7, Katra (dist Reasi) 3; West rajasthan: Bikaner (dist Bikaner) 5, Churu (dist Churu) 4, Jodhpur (dist Jodhpur) 3; Tamilnadu puducherry & karaikal: Pondicherry (dist Puducherry) 5, Chennai (nungambakkam) (dist Chennai) 3; East uttar pradesh: Lucknow (amausi) AP (dist Lucknow) 5, Bahraich (dist Bahraich) 4; Andaman & nicobar islands: Port Blair (dist South Andaman) 4; **Punjab**: Chandigarh (dist Chandigarh) 4; **Chhattisgarh**: Jagdalpur (dist Bastar) 4; Himachal pradesh: Sundernagar (dist Mandi) 3; **Uttarakhand**: Dehra Dun-mokampur (dist Dehradun) 3; Konkan & goa : Ratnagiri (dist Ratnagiri) 3; **Odisha**: Gopalpur (dist Ganjam) 3.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Heavy rain** at a few places over West Uttar Pradesh and East Madhya Pradesh, at isolated places over Jammu & Kashmir and Ladakh and East Rajasthan

❖ **Minimum Temperature Departures (as on 31-08-2025): markedly above normal(> 5.1°C)** at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh and Saurashtra & Kutch. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Odisha, Gujarat Region, Konkan & Goa and Chhattisgarh. **above normal(1.6°C to 3.0°C)** at few places over Bihar; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jharkhand, East Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Madhya Maharashtra, Vidarbha, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka. **near normal(-1.5°C to 1.5°C)** at most places over Nagaland, Manipur, Mizoram & Tripura, Punjab, Marathwada, Coastal Andhra Pradesh & Yanam, Telangana, Coastal Karnataka, North Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Arunachal Pradesh. **The lowest minimum temperature** of 18.0°C was reported at HALFLONG (ASSAM), and KHANDWA (MADHYA PRADESH) over the Plains of India.

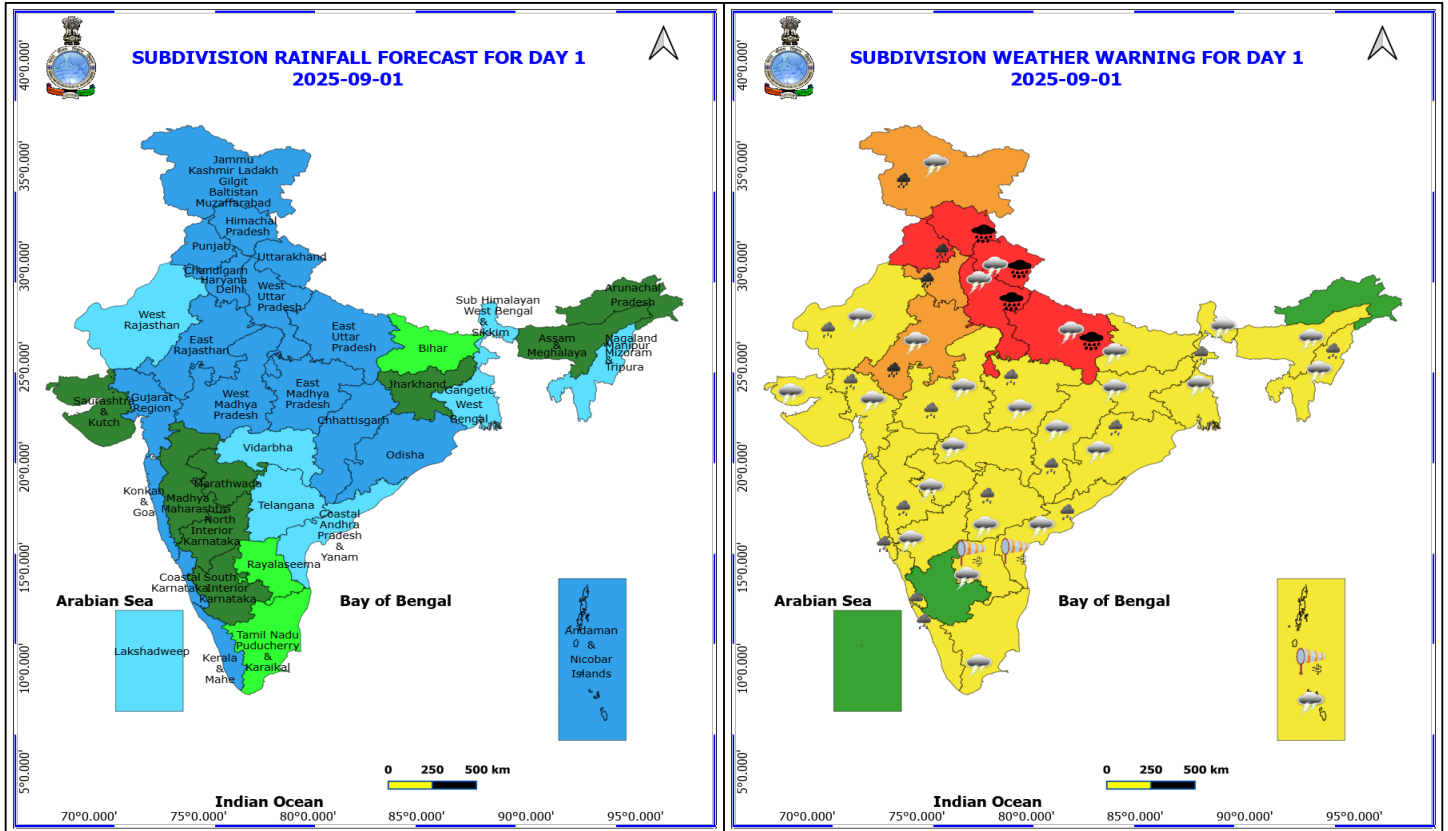
❖ **Maximum Temperature Departures (as on 31-08-2025): markedly above normal(> 5.1°C)** at isolated places over Assam & Meghalaya and Odisha. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Gangetic West Bengal, East Madhya Pradesh, Chhattisgarh and Coastal Andhra Pradesh & Yanam. **above normal(1.6°C to 3.0°C)** at many places over Nagaland, Manipur, Mizoram & Tripura; at isolated places over Sub Himalayan West Bengal & Sikkim, Jharkhand, Bihar, West Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Vidarbha, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over East Uttar Pradesh, Rayalaseema and North Interior Karnataka; at most places over Arunachal Pradesh, Konkan & Goa, Marathwada, Telangana, Coastal Karnataka, South Interior Karnataka and Lakshadweep; at few places over Andaman & Nicobar Islands, West Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and Gujarat Region; at isolated places over Uttarakhand, Himachal Pradesh and East Rajasthan. **The highest maximum temperature** of 39.0°C was reported at MADURAI (A) (TAMIL NADU).

Meteorological Analysis (Based on 0530 hours IST)

- The **monsoon trough** at mean sea level now passes through Bikaner, Gwalior, Satna, Pendra Road, Puri and thence to eastwards to eastcentral Bay of Bengal.
- The **upper air cyclonic circulation** over northwest Madhya Pradesh & neighbourhood at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over central parts of Rajasthan now lies over northeast Rajasthan & neighbourhood and extends upto 5.8 km above mean sea level tilting southwards with height.
- The **monsoon trough** extended upto 0.9 km passing through above embedded cyclonic circulations persists.
- The **Western Disturbance** as a **cyclonic circulation** over north Pakistan & adjoining Punjab between 1.5 & 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over northwest Bay of Bengal off north Odisha coasts & neighbourhood persists and now extends upto 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lay over Myanmar coasts and adjoining northeast Bay of Bengal and extends upto 7.6 km above mean sea level tilting southwestwards with height.
- A fresh **low pressure area** is likely to form over northwest Bay of Bengal around 02nd September, 2025.

Weather Outlook for subsequent 3 days

- Scattered to Fairly widespread rainfall likely over northern, western India, western peninsular and eastern India.



1 September (Day 1)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Himachal Pradesh, Uttar Pradesh and Uttarakhand.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over East Rajasthan, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Punjab.
- ❖ **Heavy Rainfall** very likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Coastal Karnataka, Gujarat Region, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim, Telangana and West Rajasthan.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, 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 Assam & Meghalaya, Chhattisgarh, Gujarat State, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andaman & Nicobar Islands and Andhra Pradesh.
 - Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman coasts, most parts of westcentral Arabian sea & some parts of southwest, adjoining

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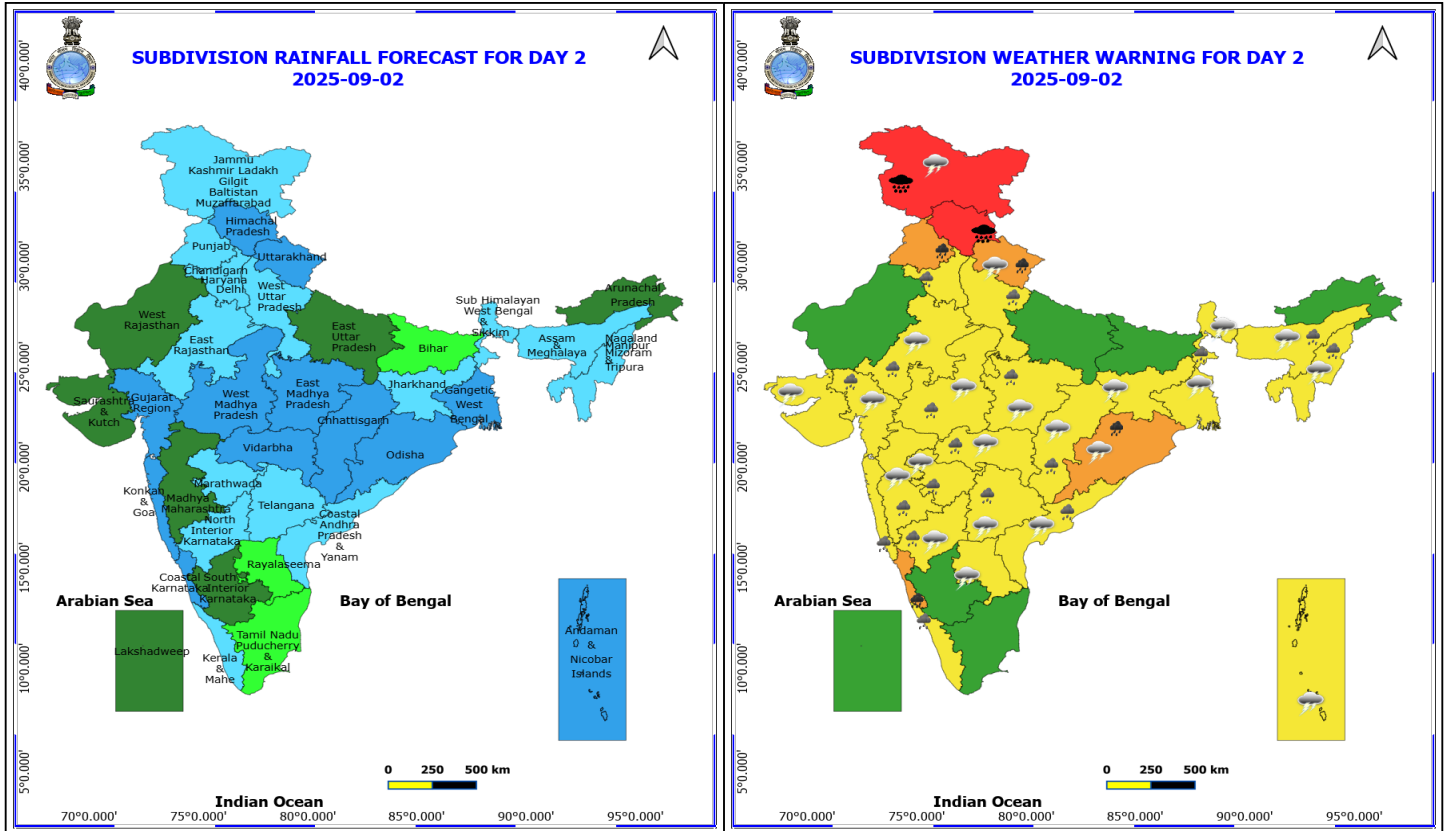
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eastcentral Arabian Sea.

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



2 September (Day 2)

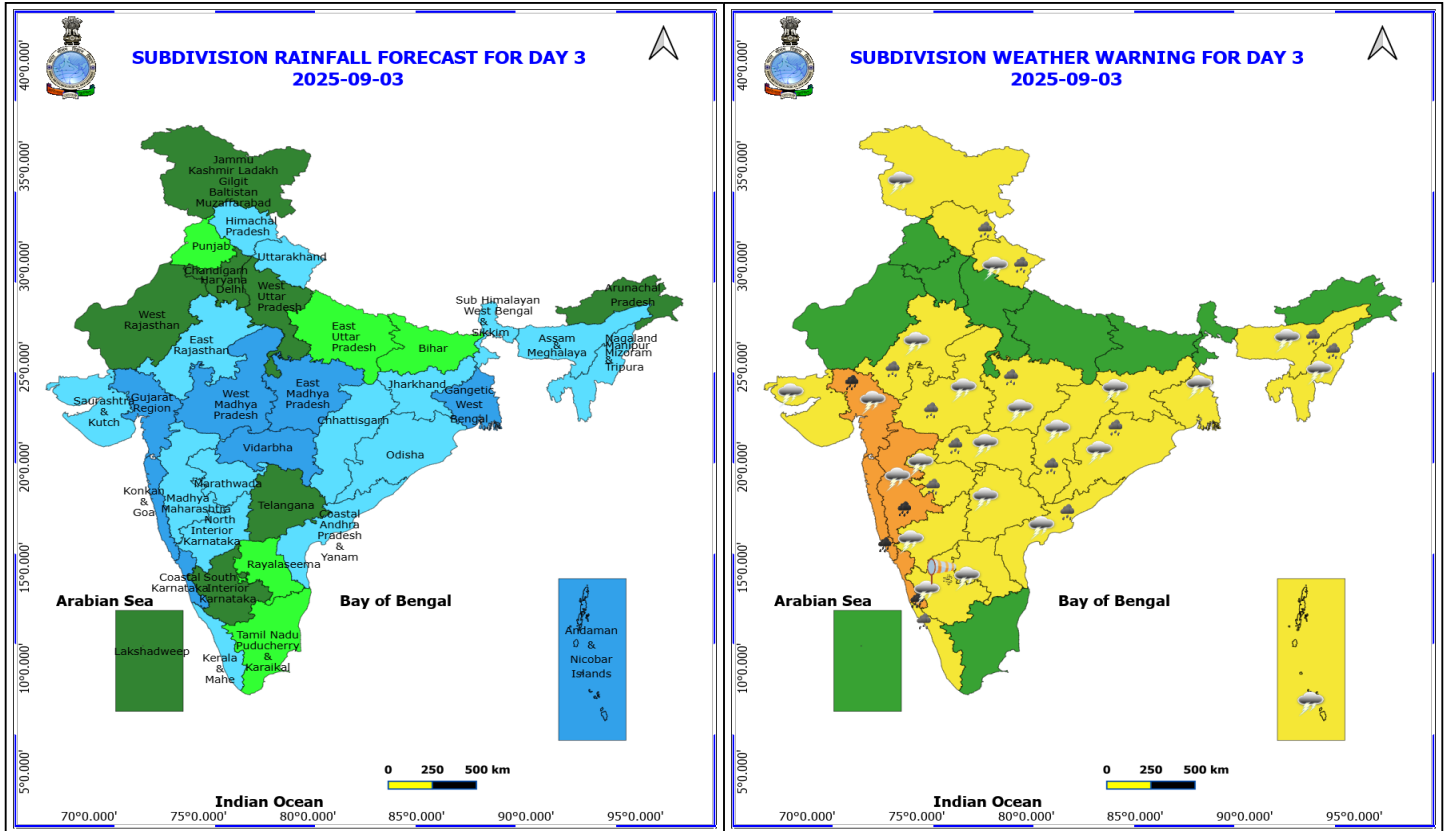
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Karnataka, Odisha, Punjab and Uttarakhand.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, Gujarat Region, Haryana, Chandigarh & Delhi, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, North Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Telangana and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim 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, most parts of westcentral Arabian sea & some parts of southwest, adjoining eastcentral Arabian Sea.
- Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off

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Konkan, Goa coasts off Karnataka coasts over many parts of eastcentral Arabian Sea, along and off Odisha, north Andhra Pradesh & off south Andhra Pradesh coasts, over most parts of northwest, central, south Bay of Bengal, Sri Lanka coast, over Gulf of Mannar, Andaman Sea.



3 September (Day 3)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Coastal Karnataka, Gujarat Region, Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, Himachal Pradesh, Kerala & Mahe, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, South Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Strong Surface Winds** very likely at isolated places over South 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 & some 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 coasts over some parts of eastcentral & adjoining southeast and southwest Arabian Sea, along and off Odisha, Andhra Pradesh coasts, over most parts of north, central, south Bay of Bengal, Sri

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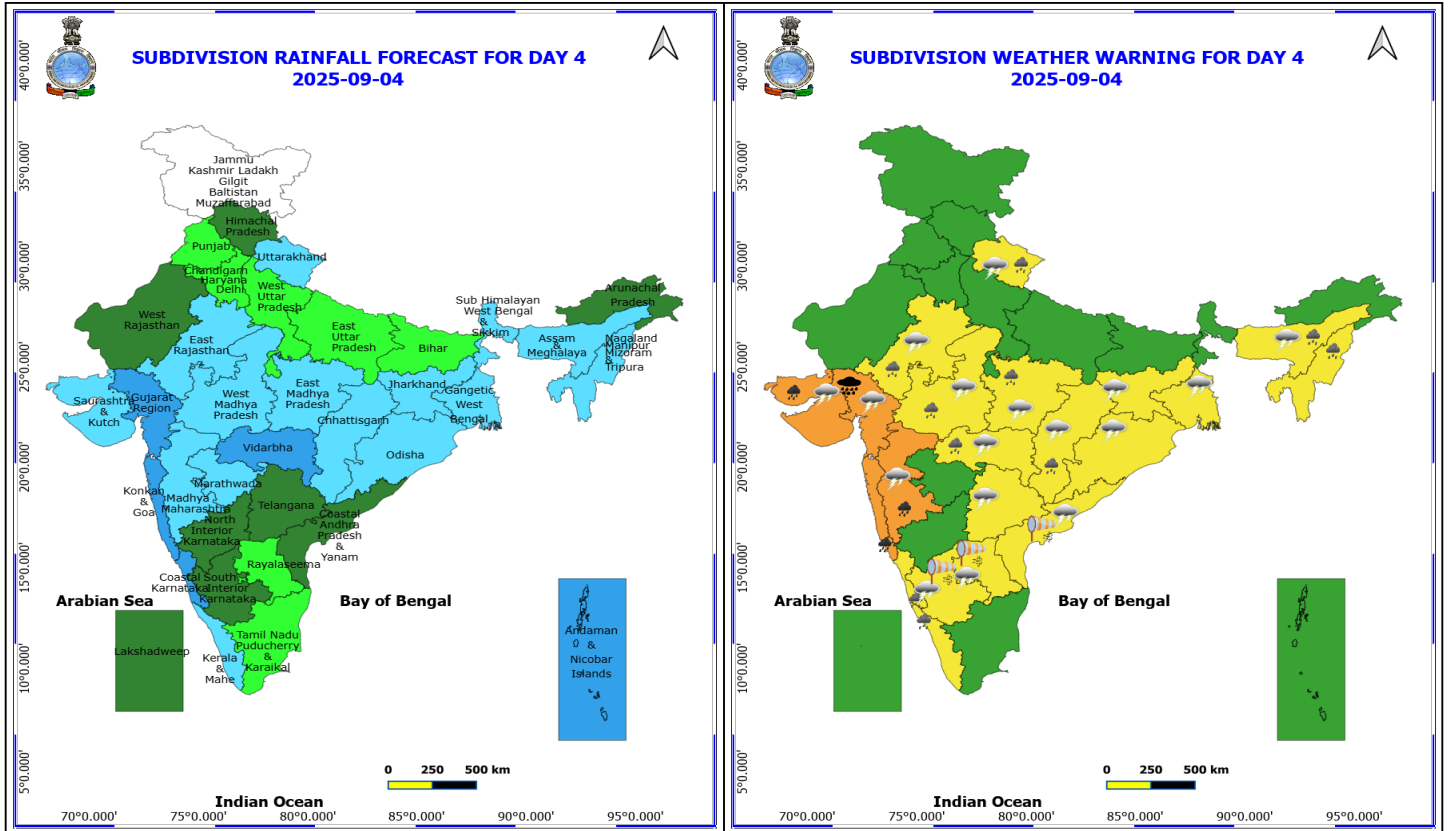
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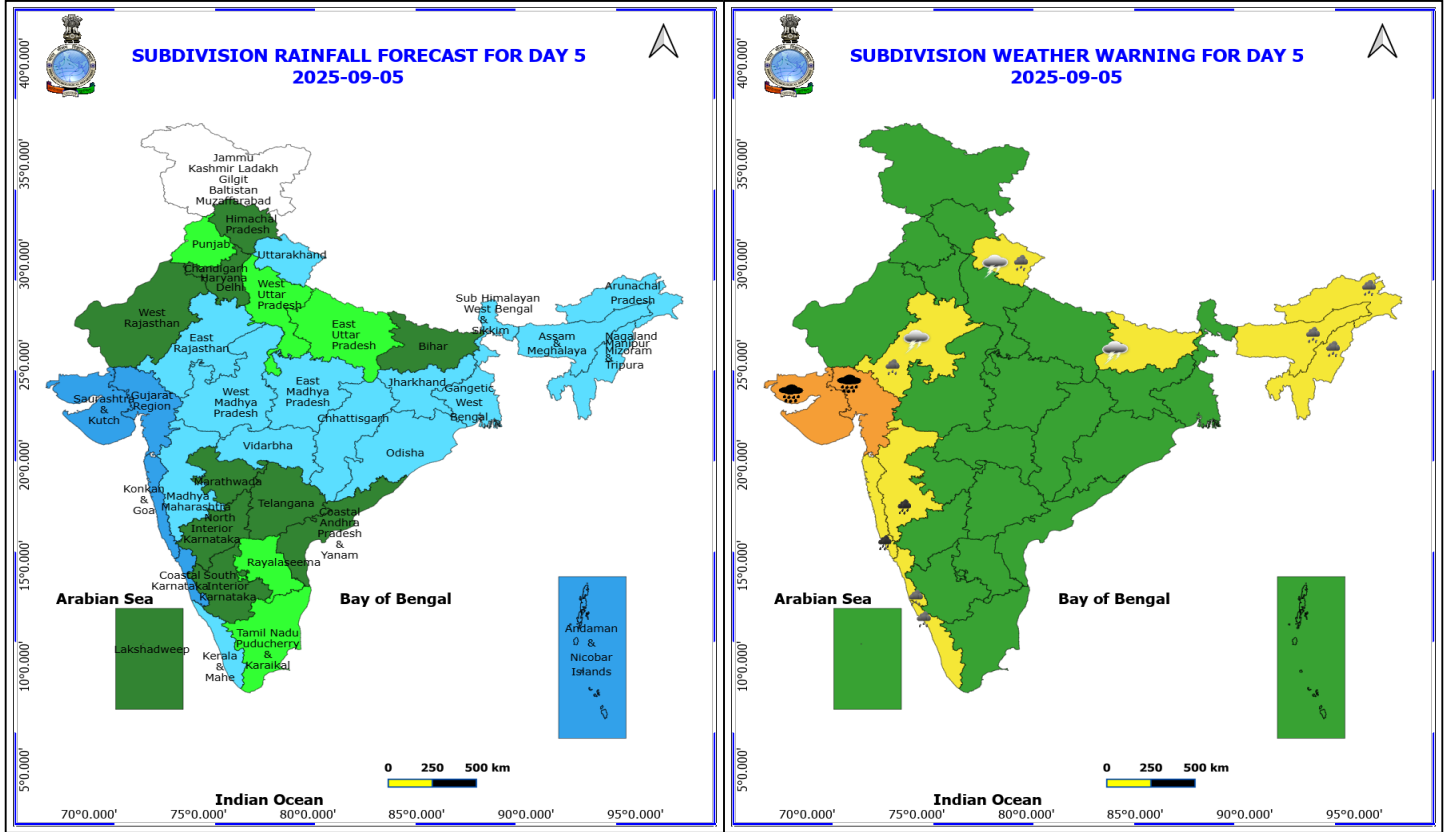
Lanka coast, over Gulf of Mannar, Andaman Sea.



4 September (Day 4)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Gujarat Region.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Konkan & Goa, Madhya Maharashtra and Saurashtra & Kutch.
- ❖ **Heavy Rainfall** likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Rajasthan, Kerala & Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Gangetic West Bengal, Jharkhand, Odisha, South Interior Karnataka and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya, Chhattisgarh, East Rajasthan, Gujarat State, Madhya Maharashtra, Madhya Pradesh, Uttarakhand and Vidarbha.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh and South Interior Karnataka.
 - Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, off Oman coasts, most parts of westcentral Arabian sea & some 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 south Gujarat, Konkan & Goa, Karnataka off north Kerala, Lakshadweep, coasts over many parts of eastcentral Arabian Sea, along and off Odisha, north Andhra Pradesh coasts, over most parts of north, central, south Bay of Bengal, Sri Lanka coast, over Gulf of Mannar, Andaman Sea.

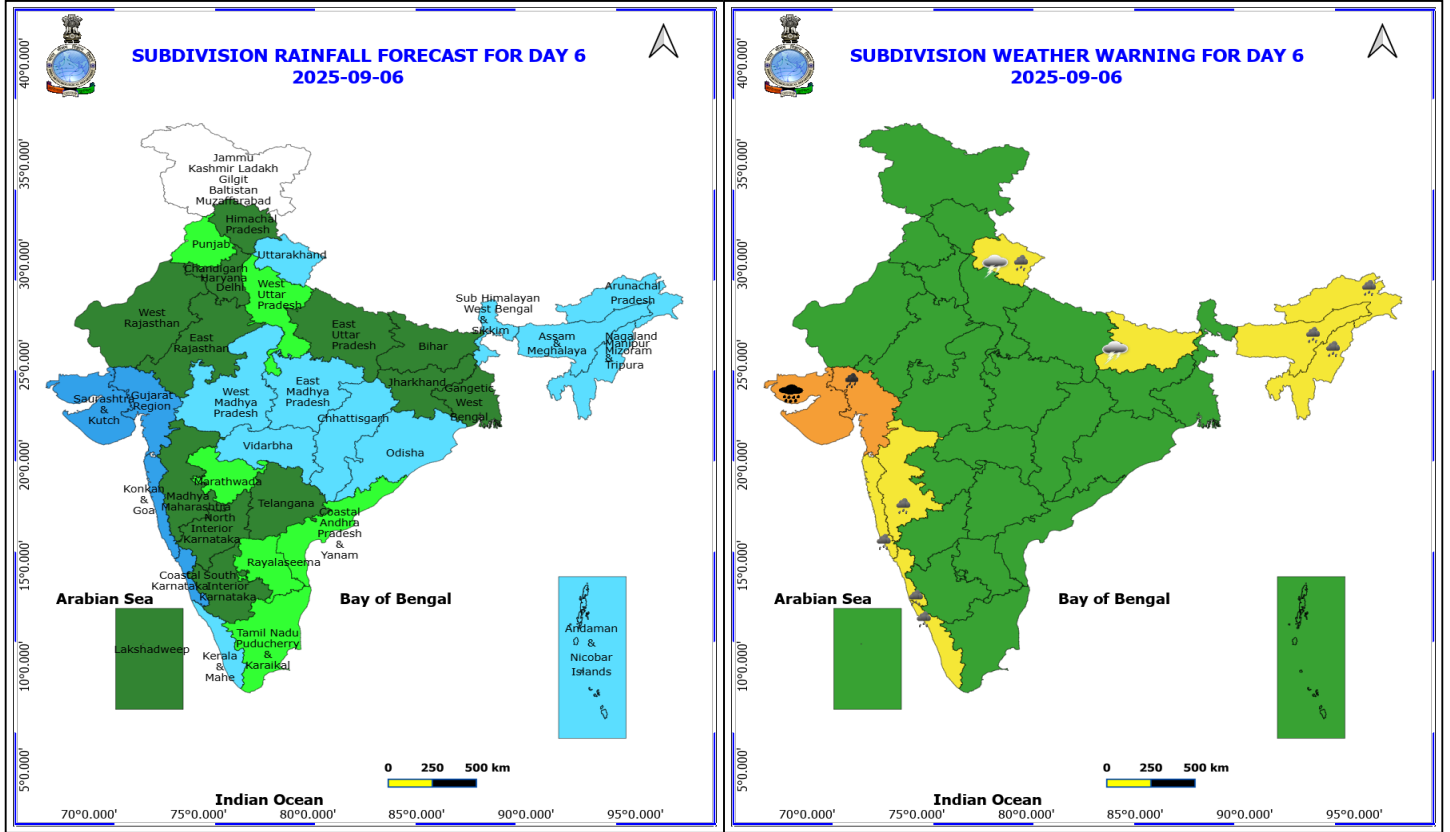
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5 September (Day 5)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Gujarat State.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Konkan & Goa and Madhya Maharashtra.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, East Rajasthan, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over East Rajasthan and Uttarakhand.

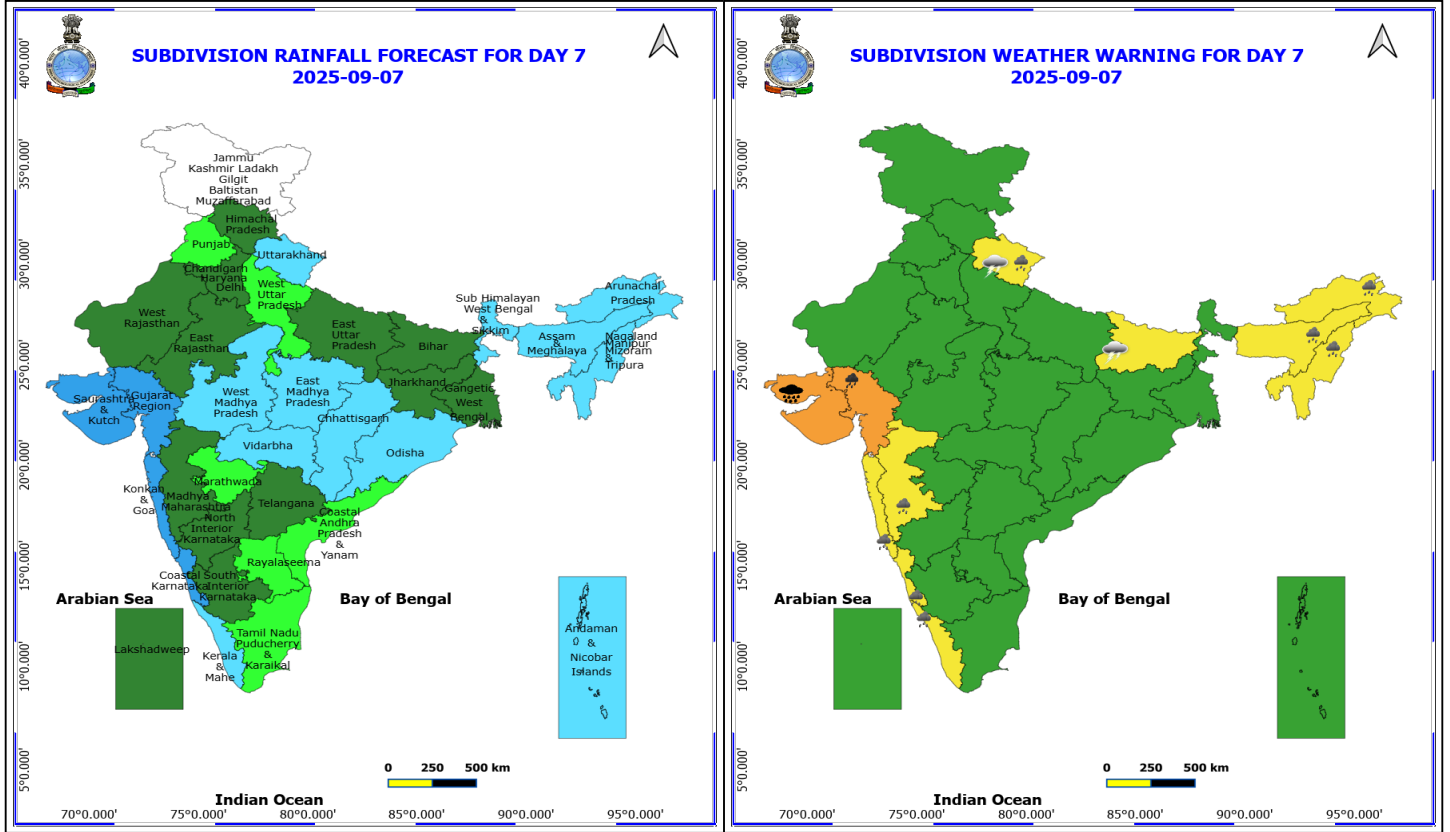
No Fishermen Warning



6 September (Day 6)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Saurashtra & Kutch.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gujarat Region.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning



7 September (Day 7)

- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Saurashtra & Kutch.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Gujarat Region.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Karnataka, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning

Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 02-09-2025 :

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

Himachal Pradesh – Bilaspur, Chamba, Kangra, Kinnaur, Kullu, Mandi, Shimla, Sirmaur Solan and Una districts.

Uttarakhand - Chamoli, Champawat, Dehradun, Nanital, Pauri Garhwal, Pithoragarh, Rudraprayag, Tehri Garwal and Uttarkashi districts.

Punjab - Hoshiarpur, Rupnagar, SAS Nagar districts.

Haryana, Chandigarh and Delhi – Chandigarh, Panchkula and Yamunanagar 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.

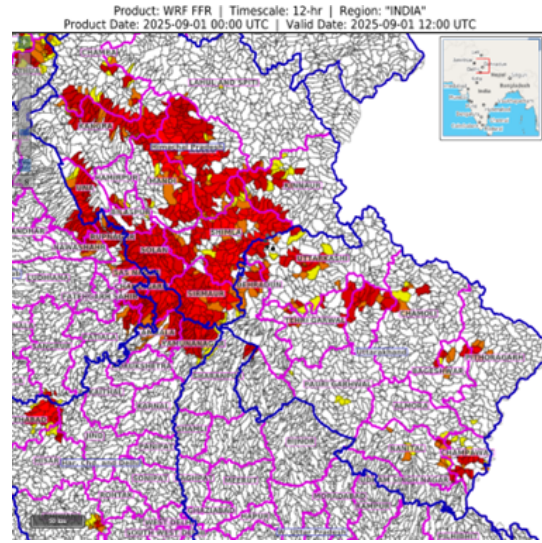




Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	1- Sep	2- Sep	3- Sep	4- Sep	5- Sep	6- Sep	7- Sep
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	FWS	FWS
2	ARUNACHAL PRADESH	SCT	SCT	SCT	SCT	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
4	N. M. M. & T.	FWS	FWS	FWS	FWS	FWS	FWS	FWS
5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	FWS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	WS	WS	FWS	FWS	SCT	SCT
7	ODISHA	WS	WS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	SCT	FWS	FWS	FWS	FWS	SCT	SCT
9	BIHAR	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
10	EAST UTTAR PRADESH	WS	SCT	ISOL	ISOL	ISOL	SCT	SCT
11	WEST UTTAR PRADESH	WS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	WS	WS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHD & DELHI	WS	FWS	SCT	ISOL	SCT	SCT	SCT
14	PUNJAB	WS	FWS	ISOL	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	WS	WS	FWS	SCT	SCT	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	WS	FWS	SCT	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	FWS	SCT	SCT	SCT	SCT	SCT	SCT
18	EAST RAJASTHAN	WS	FWS	FWS	FWS	FWS	SCT	SCT
19	WEST MADHYA PRADESH	WS	WS	WS	FWS	FWS	FWS	FWS
20	EAST MADHYA PRADESH	WS	WS	WS	FWS	FWS	FWS	FWS
21	GUJRAT REGION	WS	WS	WS	WS	WS	WS	WS
22	SAURASHTRA & KUTCH	SCT	SCT	FWS	FWS	WS	WS	WS
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	SCT	SCT	FWS	FWS	FWS	SCT	SCT
25	MARATHWADA	SCT	FWS	FWS	FWS	SCT	ISOL	ISOL
26	VIDARBHA	FWS	WS	WS	WS	FWS	FWS	FWS
27	CHATTISGARH	WS	WS	FWS	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	FWS	FWS	FWS	SCT	SCT	ISOL	ISOL
29	TELANGANA	FWS	FWS	SCT	SCT	SCT	SCT	SCT
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	SCT	FWS	FWS	SCT	SCT	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	SCT	SCT	SCT	SCT	SCT	SCT	SCT
35	KERALA	WS	FWS	FWS	FWS	FWS	FWS	FWS
36	LAKSHDWEEP	FWS	SCT	SCT	SCT	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 2025-09-01

Fig. 2: Departure of Maximum Temp. Dated 2025-09-01

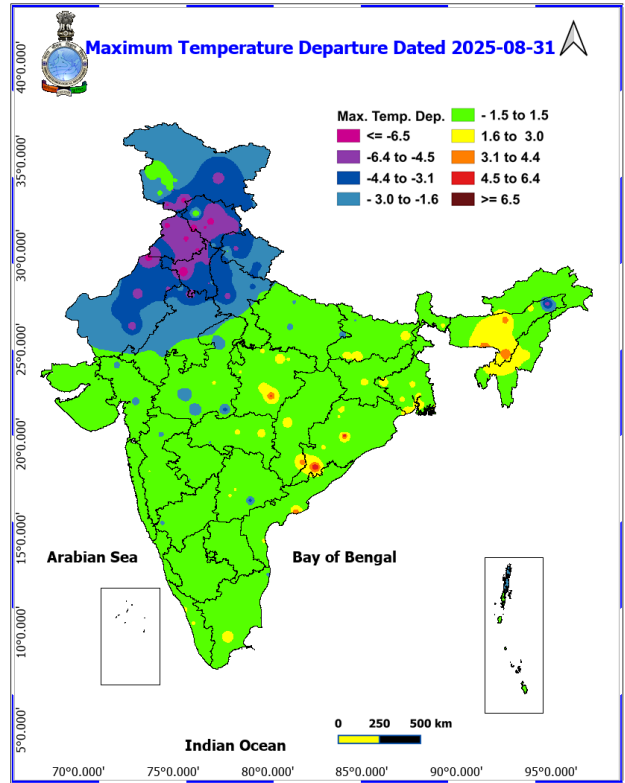
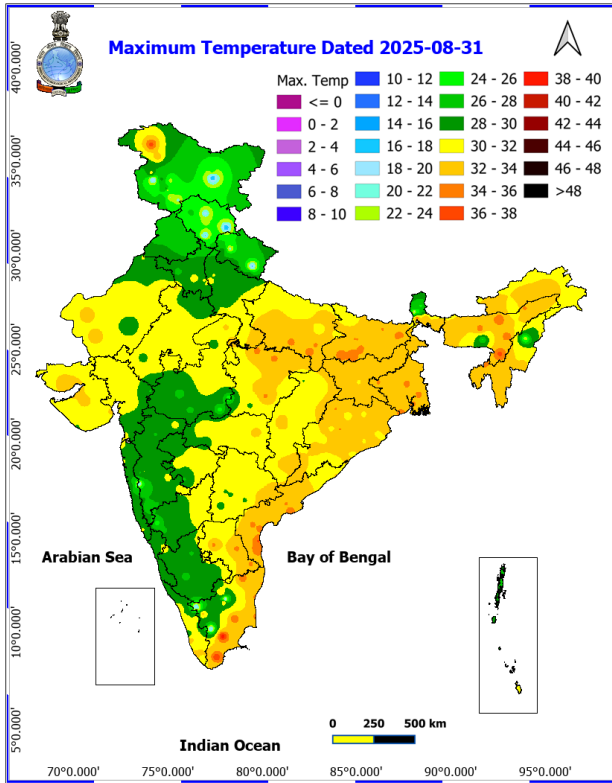
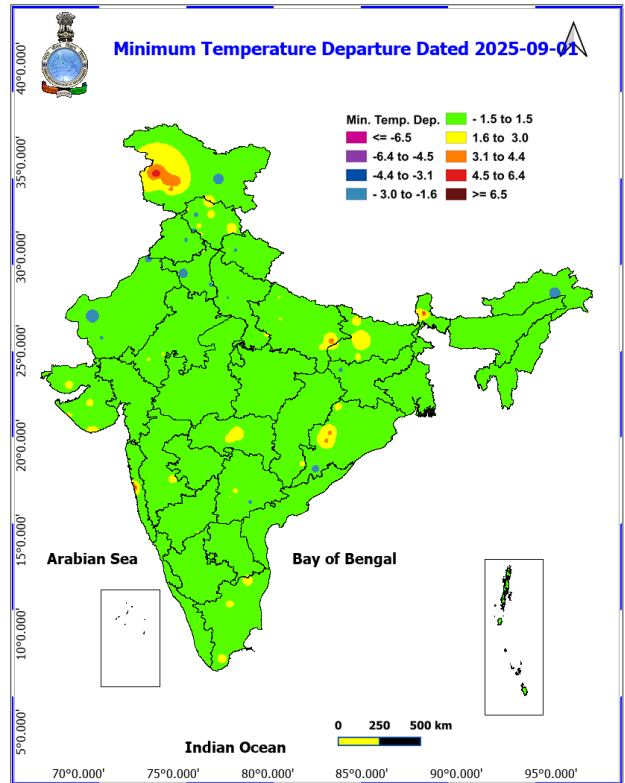
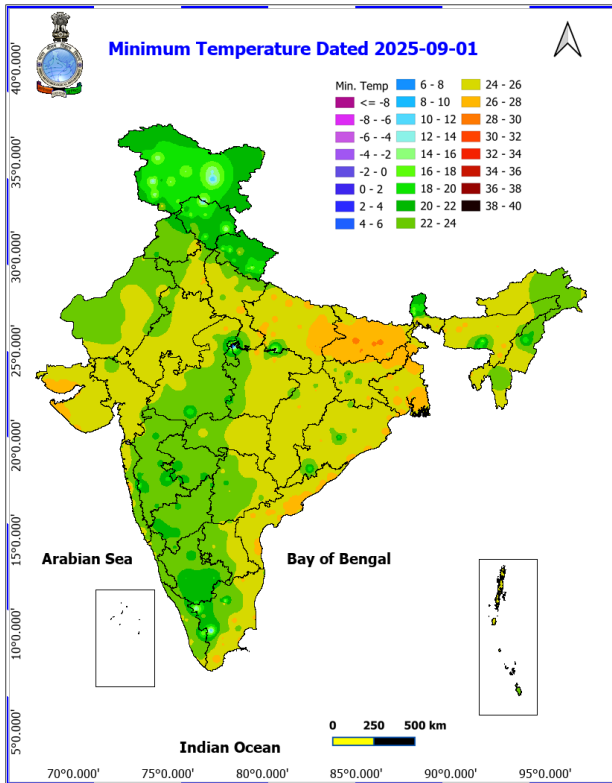
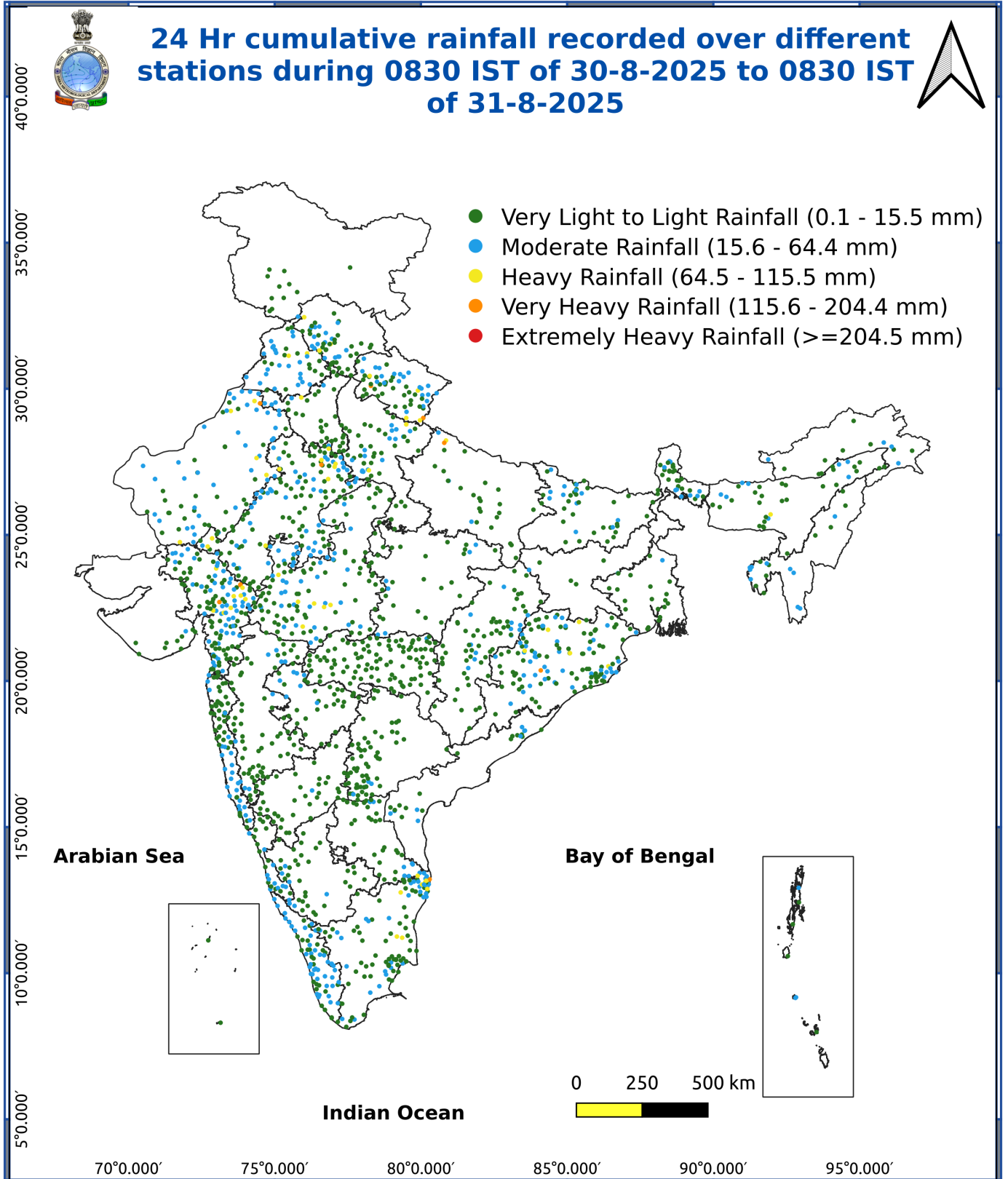


Fig. 3: Minimum Temperatures Dated 2025-09-01

Fig. 4: Departure of Minimum Temp. Dated 2025-09-01





Impact & Action Suggested due to

- **Heavy to very heavy rainfall with Extremely heavy rainfall (≥ 21 cm)** at isolated places over Uttarakhand on 01st September, southern parts of Himachal Pradesh during 01st - 02nd September, Jammu-Kashmir-Ladakh on 02nd September; Gujarat Region on 04th & 05th, Saurashtra & Kutch on 05th & 06th.
- **Isolated very heavy rainfall** very likely over Himachal Pradesh, Punjab, Uttarakhand during 01st - 02nd September; Jammu-Kashmir-Ladakh, Odisha on 01st & 02nd; Haryana Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan at a few places on 01st September; East Uttar Pradesh on 01st September; Gujarat Region on 03rd - 06th September; Saurashtra & Kutch during 04th - 06th; Konkan & Goa & Madhya Maharashtra on 03th, 04th & 05th September; Coastal Karnataka on 02nd & 03rd September.

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

Inputs for Press Release

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy / Extremely Heavy Rainfall

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

- In **Uttarakhand**, maintain proper drainage channels in fields of green gram, black gram, barnyard millet and finger millet in **Sub Humid Sub Tropic Zone** and rice, green gram, black gram, sugarcane, maize, groundnut, soybean, finger millet and vegetables in **Bhabar and Tarai Zone**. In **Hill Zone**, postpone sowing of vegetable pea and radish and provide proper drainage in fields of finger millet, kidney beans and vegetables.
- 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**. In **High Hills Sub Temperate Wet Zone**, postpone transplanting of cabbage and cauliflower. Cover the vegetable nursery and crop with ploy sheet and ensure adequate drainage in fields of maize, finger millet and vegetables to avoid water stagnation.
- In **Jammu and Kashmir**, make arrangements to drain out excess rain water from fields of rice, maize, green gram and black gram in **Sub Tropical Zone** and maize, *kharif* pulses, rice and vegetables in **Intermediate Zone**.
- In **Punjab**, make arrangements to drain out excess water from fields of sugarcane, green gram and chilli in **Undulating Plain Zone**; cotton and maize in **Western Zone**; cotton, maize and vegetables in **Central Plain Zone**; cotton and sugarcane in **Western Plain Zone** and green gram and soybean in **Sub Montane Undulating Zone**.

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- In **Haryana**, make arrangements to drain out excess water from fields of cotton, pearl millet, green gram and cluster bean in **Western Zone** and sugarcane, cotton, maize, pearl millet and vegetables in **Eastern Zone**.
- In **Uttar Pradesh**, make proper arrangements for drainage of excess rain water in pigeon pea and vegetables fields in **Western Plain Zone** and maize, pulses and oilseed crops in **South Western Semi Arid Zone**.
- In **Rajasthan**, make proper drainage arrangements in vegetable nurseries and fields of cotton, maize, soybean and pulses in **Sub Humid Southern Plain and Aravali Hill Zone**; vegetable nurseries and fields of standing crops such as pearl millet, black gram and sesame in **Flood Prone Eastern Plain Zone** and pearl millet, green gram, sesame and moth bean in **Arid Western Plain Zone**.
- In **Madhya Pradesh**, provide adequate drainage in fields of soybean, maize and vegetables in **Malwa Plateau Zone** and maize, soybean, green gram, black gram, pigeon pea and vegetables in **Gird Zone**.
- In **Gujarat**, make arrangements to drain out excess rain water from fields of rice, sugarcane, okra, tuber crops and vegetables in **South Gujarat Heavy Rainfall Zone**; rice, cotton, sugarcane, pigeon pea and fruit orchards (banana and mango) in **South Gujarat Zone** and rice, pearl millet, pigeon pea, cotton, soybean, maize and castor in **Middle Gujarat Zone**.
- In **Odisha**, make provision for draining out excess rain water from fields of rice, black gram, green gram, pigeon pea, **maize, groundnut and vegetables in Eastern Ghat High Land Zone and South Eastern Ghat Zone and rice, maize, pigeon pea, and vegetables in North Eastern Ghat Zone and rice, cotton, pigeon pea and maize in Western Undulating 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.

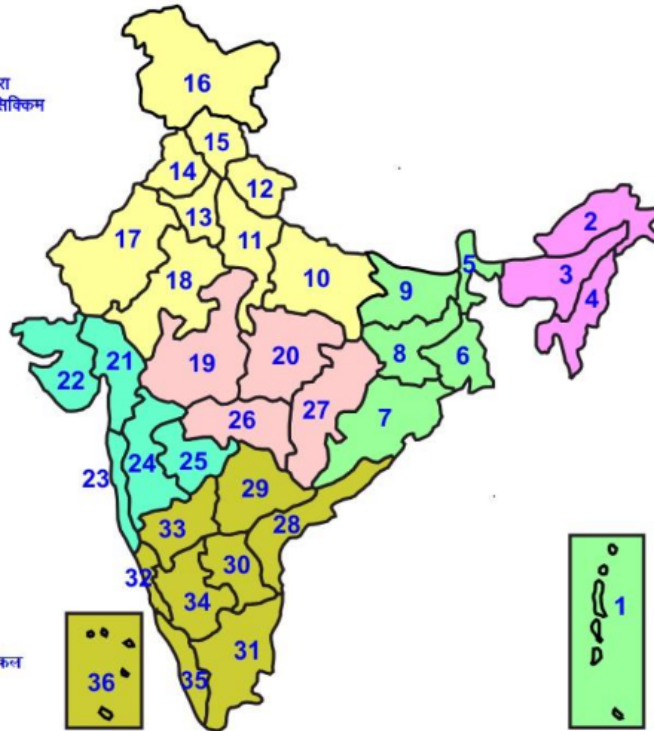
Legends & abbreviations:

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 मराठावाडा
- 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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