

2026-02-19

Time of Issue: 13:12:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Systems, Forecast and Warnings

- **Heavy rainfall** likely at isolated places over Andaman & Nicobar Islands on 19th; south Tamil Nadu and Kerala & Mahe on 21st & 22nd February.
- **Isolated to Scattered** light/moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-40 kmph)** likely over Uttarakhand and Andaman & Nicobar Islands on 19th; Tamil Nadu, Kerala & Mahe on 21st & 22nd; with **thunderstorm & lightning** likely over Madhya Pradesh on 19th and Kerala & Mahe on 20th & 23rd February.
- **Isolated** rainfall/snowfall likely over Himachal Pradesh on 23rd and Uttarakhand during 22nd-24th February.
- Isolated light rainfall with **thunderstorm & lightning** likely over Gangetic West Bengal, Jharkhand on 24th and Odisha on 23rd & 24th February.

Forecast of minimum temperatures:

- Gradual rise in minimum temperature by 2-3°C likely over Northwest India during next 7 days.
- Gradual rise in minimum temperature by 2-3°C likely over East India during next 3 days and no significant change during subsequent 4 days.
- Gradual rise in minimum temperature by 2-3°C likely over Maharashtra during next 4 days and gradual fall by 2-3°C during subsequent 3 days.
- Gradual rise in minimum temperature by 2-3°C likely over Gujarat State during next 2 days and no significant change during subsequent 5 days.
- No significant change in minimum temperatures likely over rest parts of the country.

Forecast of maximum temperatures:

- Gradual rise in maximum temperature by 3-4°C likely over Northwest India during next 7 days.
- Gradual rise in maximum temperature by 2-3°C likely over Central India during next 3 days and no significant change during subsequent 4 days.
- No significant change in maximum temperature likely over Maharashtra during next 24 hours and gradual rise by 2-3 °C during subsequent 3 days.
- No significant change in maximum temperature likely over Gujarat State during next 24 hours; gradual rise by 2-3 °C during subsequent 2 days and gradual fall by 2-3°C during subsequent 4 days.

*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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Main Weather Observations:

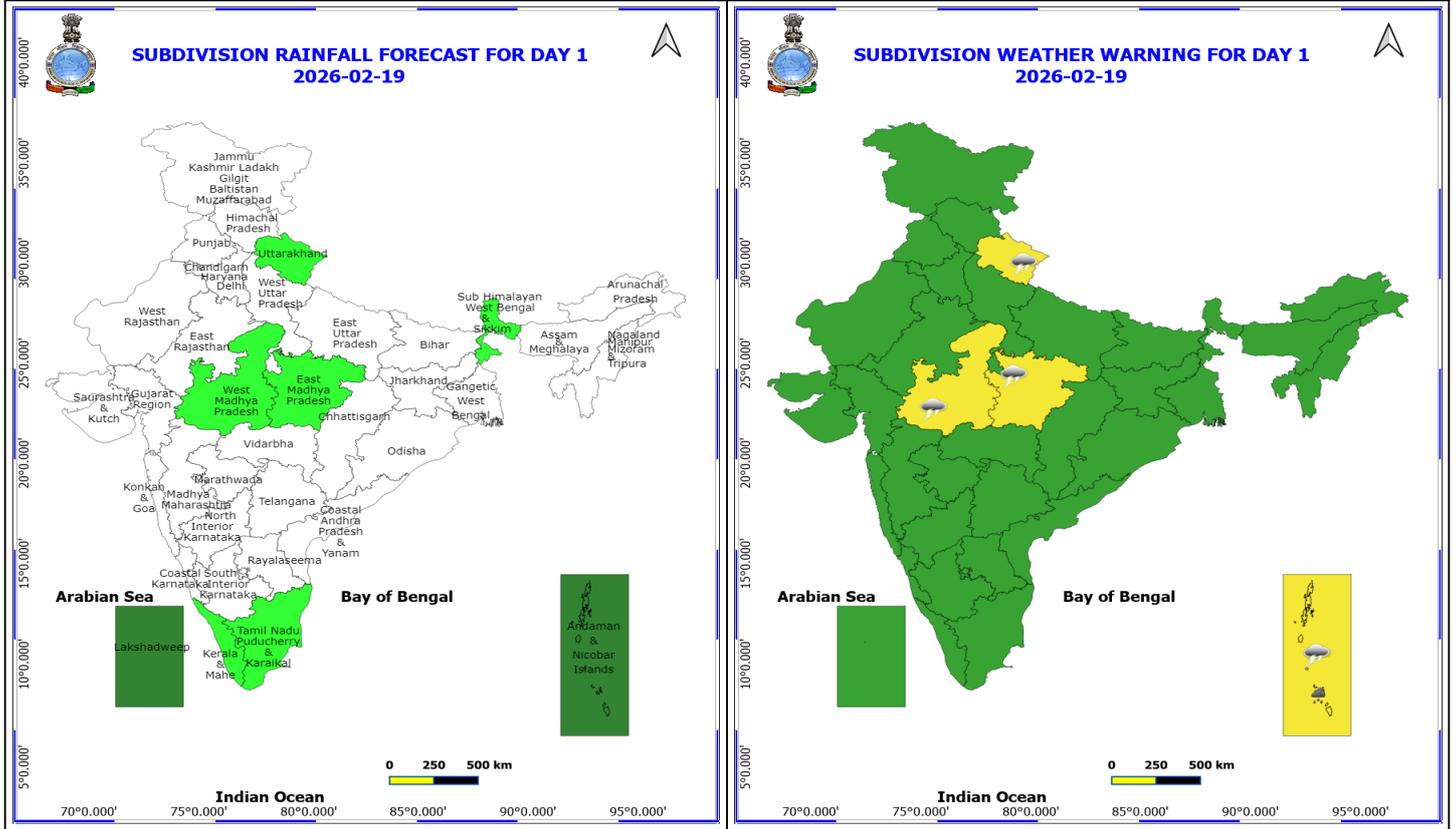
- **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at many places** over East Rajasthan; **at a few places** over Andaman & Nicobar Islands, Haryana-Chandigarh-Delhi, West Madhya Pradesh and Lakshadweep; **at isolated places** over Uttarakhand, Punjab, Himachal Pradesh, West Rajasthan, East Madhya Pradesh, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; **Dry** over rest of the country.
- **Significant rainfall recorded (in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Andaman & Nicobar Islands:** Nancowry (dist Nicobar) 7.
- **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy rain** at isolated places over Andaman & Nicobar Islands.
- **Dense fog (visibility 50-199 m) conditions** prevailed in isolated pockets over Punjab and Tripura.
- **Visibility Reported (In Meters <200m):** **Tripura:** Agartala 50m; **Punjab:** Amritsar 100m.
- **Hailstorm activity** has been recorded at isolated places over Haryana, East Rajasthan, West Madhya Pradesh and Kerala.
- **Minimum Temperature Departures (as on 19-02-2026):** **above normal (1.6°C to 3.1°C)** over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Rajasthan, West Madhya Pradesh, Gujarat State, Maharashtra, Meghalaya, Kerala & Mahe and Tamil Nadu and **near normal** over rest parts of the country. **The lowest minimum temperature** of 8.7°C is reported at Amritsar (Punjab) over the Plains of India.
- **Maximum Temperature Departures (as on 18-02-2026):** **appreciably below normal (-5.0°C to -3.1°C)** at isolated places over Himachal Pradesh. **The highest maximum temperature** of 36.2°C is reported at PUNALUR (KERALA).

Meteorological Analysis (Based on 0830 hours IST)

- The **Low Pressure Area** over the Equatorial Indian Ocean & adjoining southwest Bay of Bengal persisted over the same region at 0830 hrs IST of today, the 19th February, 2026. The associated **upper air cyclonic circulation** extended upto 5.8 km above mean sea level. It is likely to move west-northwestwards towards Sri Lanka and become less marked during the next 24 hours.
- A fresh **upper air cyclonic circulation** lies over the Equatorial Indian Ocean & adjoining southeast Bay of Bengal extending upto 5.8 km above mean sea level at 0830 hrs IST of today, the 19th February, 2026. Under its influence a **low pressure area** is likely to form over the same region during the next 24 hours. It is likely to move west-northwestwards thereafter.
- A **trough** runs from the **cyclonic circulation** associated with the **low pressure area** over Equatorial Indian Ocean & adjoining southwest Bay of Bengal to the Lakshadweep area across south Tamil Nadu and south Kerala at 0.9 km above mean sea level.
- The **Western Disturbance** as a cyclonic circulation over north Rajasthan & adjoining parts of Punjab and Haryana between 3.1 & 7.6 km above mean sea level tilting northwards with height persists.
- The **trough** from north Konkan to cyclonic circulation over northeast Rajasthan & neighbourhood now runs from north Gujarat to south Haryana across central Rajasthan at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over northeast Assam at 3.1 km above mean sea level.
- **Subtropical westerly Jet Stream** with core winds of the order of 115 knots at 12.6 km above mean sea level continues to prevail over Northeast India.
- A feeble **Western disturbance** is likely to affect Western Himalayan region from 22nd February.
- The Induced **upper air cyclonic circulation** over northeast Rajasthan & neighbourhood at 1.5 km above mean sea level has become less marked.

Weather Outlook for subsequent 3 days

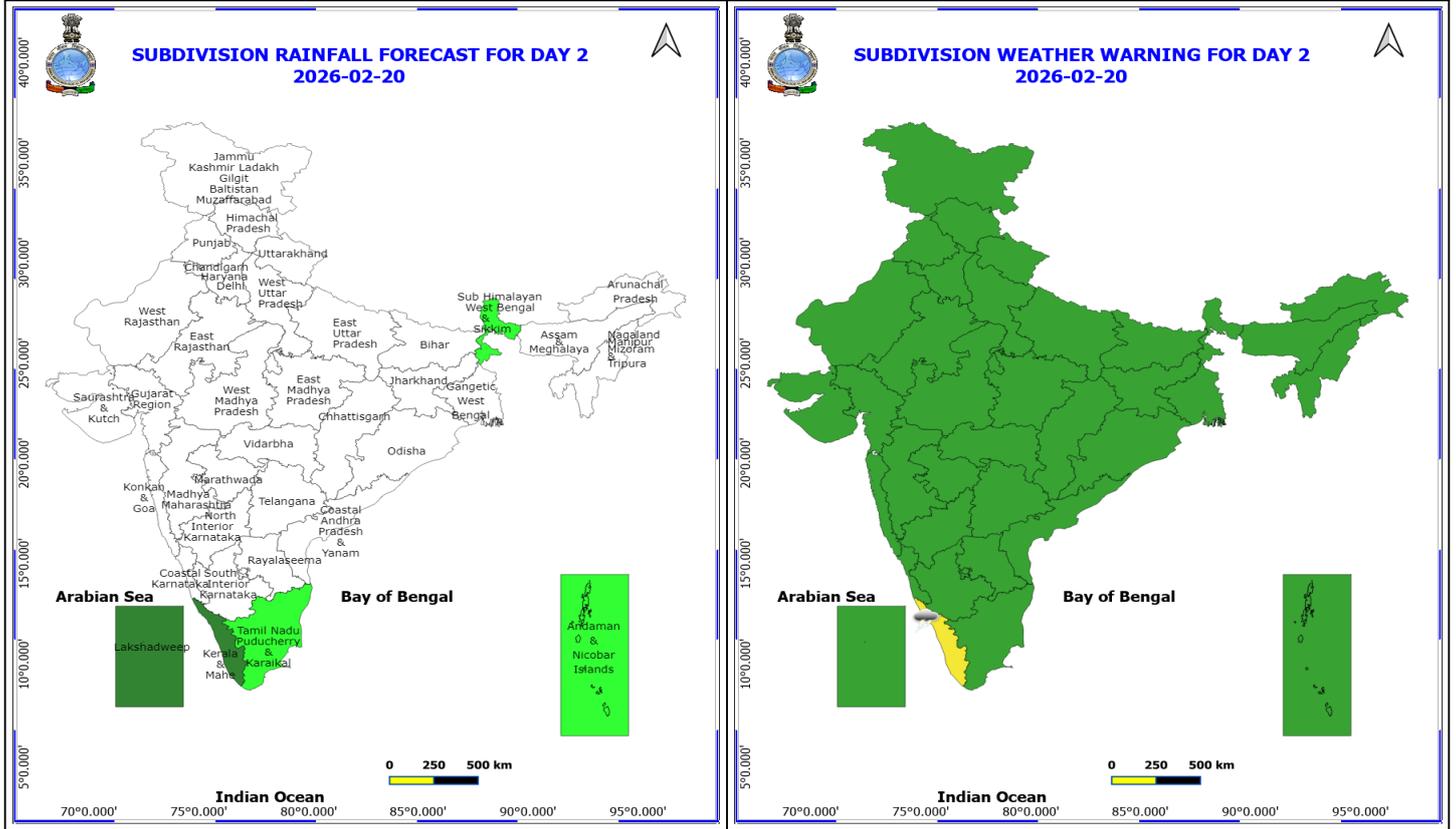
- Isolated to Scattered rainfall activity likely over Arunachal Pradesh, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal.
- Isolated rainfall activity likely over Central India, Lakshadweep and Nicobar Islands.



19 February (Day 1)

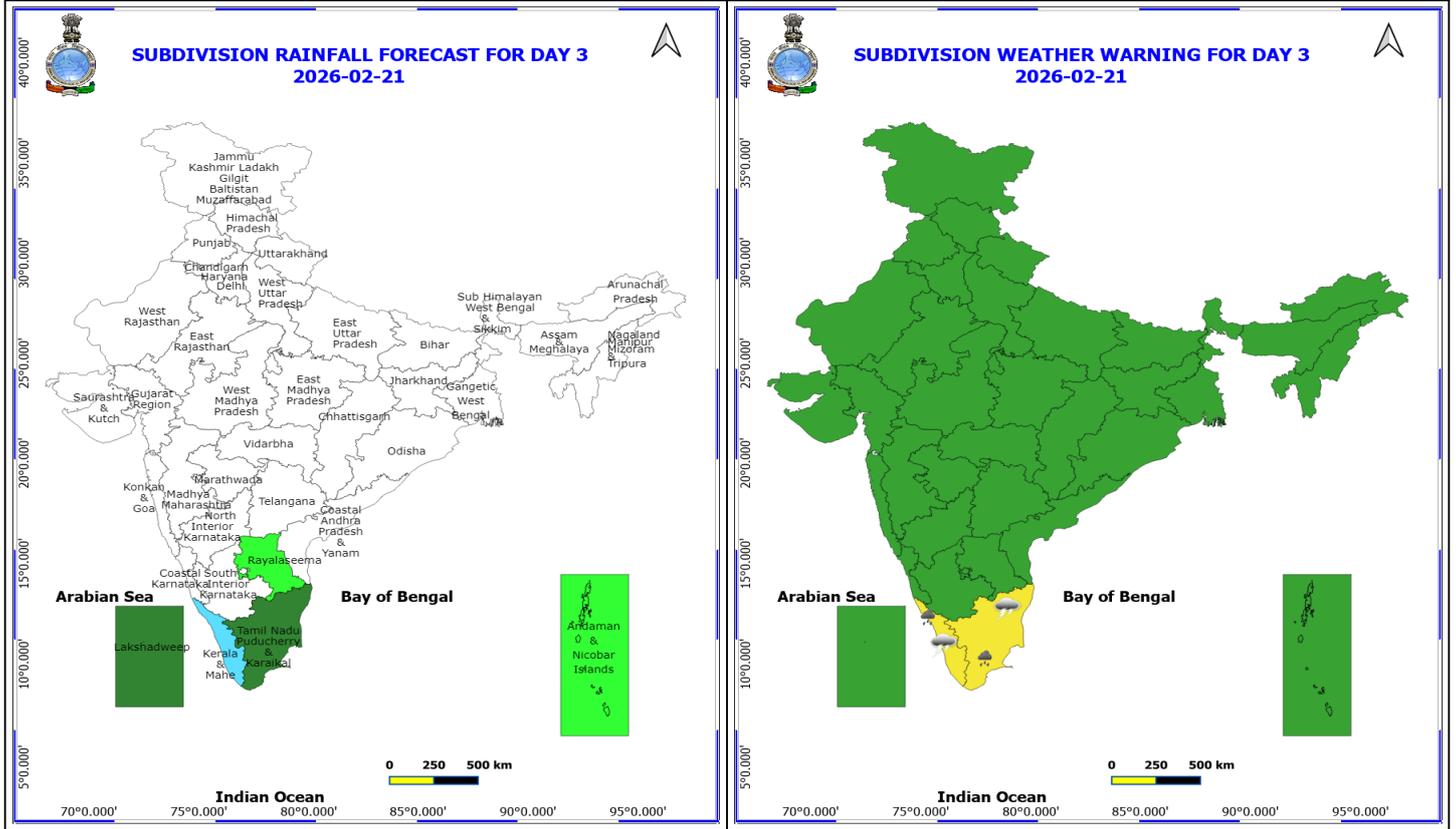
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Madhya Pradesh.
- ❖ **Squally weather with wind speed 40 to 50 kmph gusting to 60 kmph** likely to prevail over Gulf of Mannar and Comorin area, adjoining Equatorial Indian Ocean, along and off west Sri Lanka coast.
- ❖ **Squally weather with wind speed 45 to 55 kmph gusting to 65 kmph** likely to prevail over some parts of southwest Bay of Bengal & adjoining Equatorial Indian Ocean, along and off east Sri Lanka coast.

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20 February (Day 2)

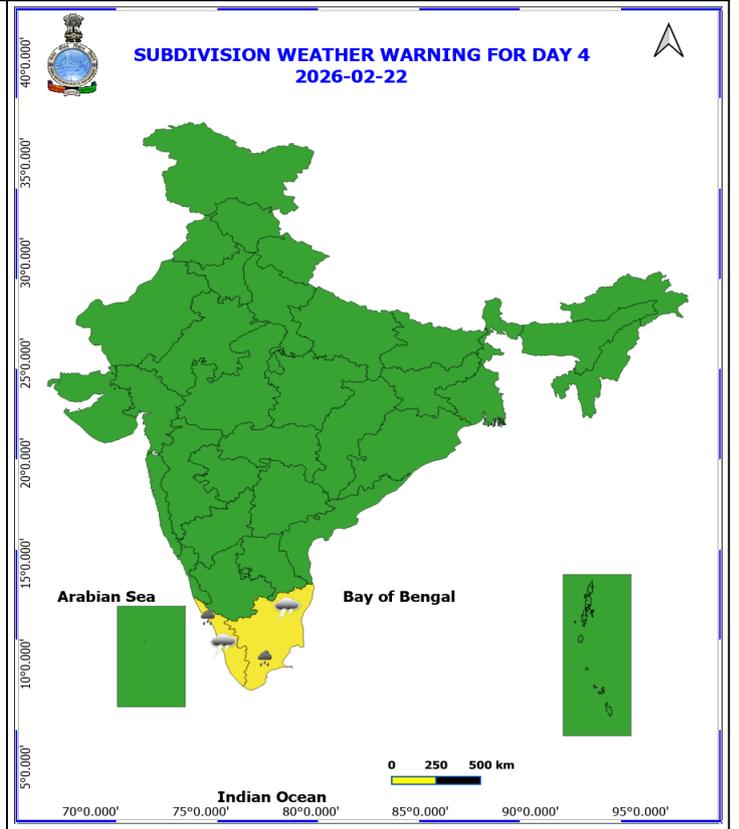
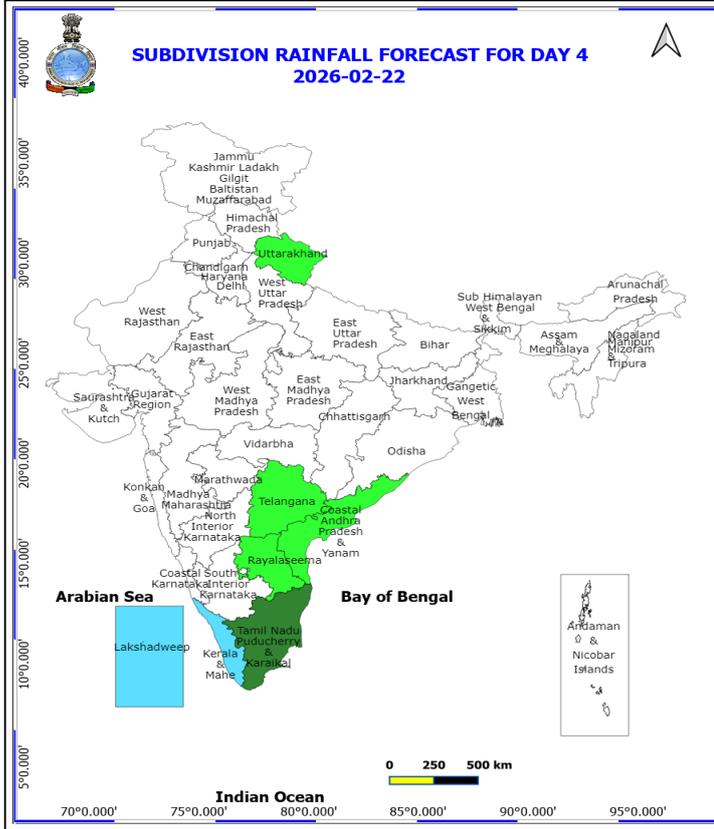
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Kerala & Mahe.
- ❖ **Squally weather with wind speed 40 to 50 kmph gusting to 60 kmph** likely to prevail over Gulf of Mannar and Comorin area, adjoining Equatorial Indian Ocean, along and off west Sri Lanka coast, over some parts of southeast Bay of Bengal.



21 February (Day 3)

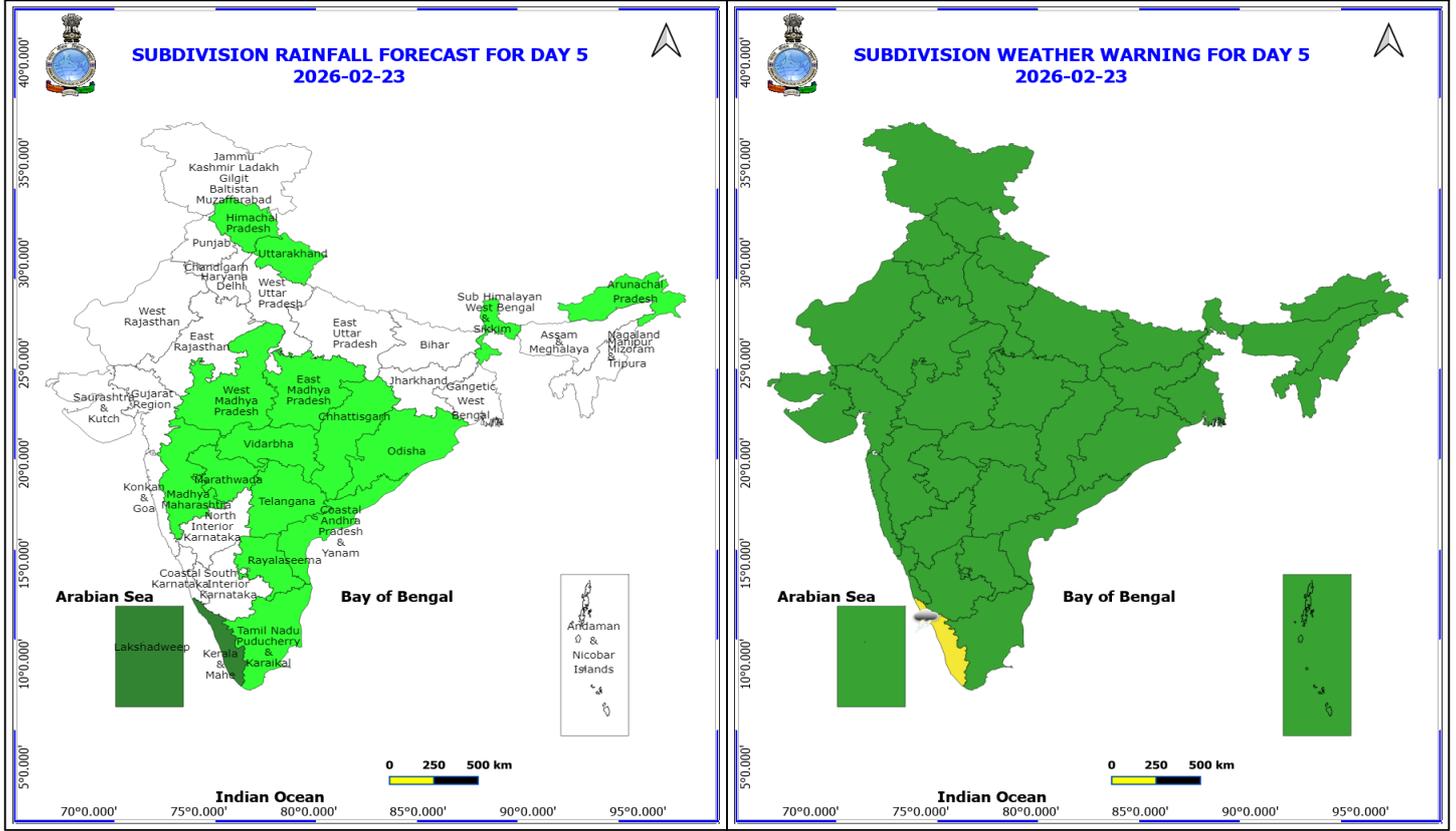
- ❖ **Heavy Rainfall** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Squally weather with wind speed 40 to 50 kmph gusting to 60 kmph** likely to prevail over some parts of southwest Bay of Bengal and Comorin area.

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22 February (Day 4)

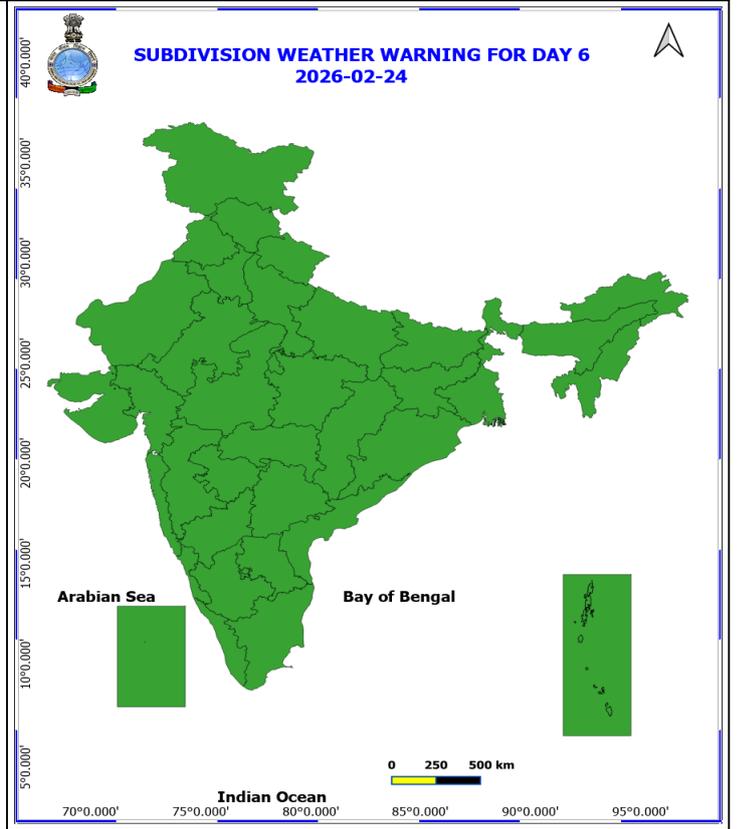
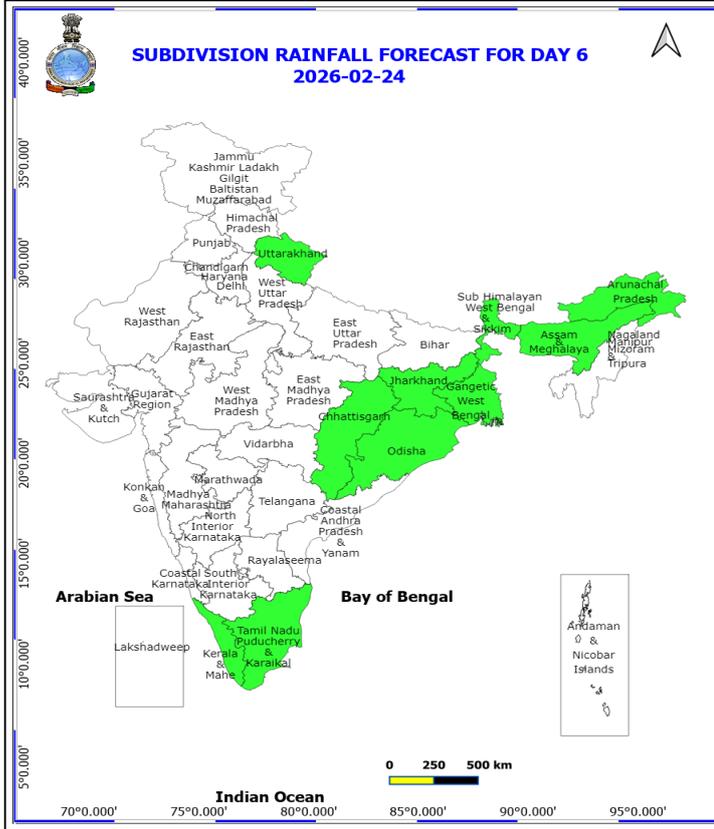
- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Squally weather with wind speed 40 to 50 kmph gusting to 60 kmph** likely to prevail over some parts of southwest Bay of Bengal and off north Sri Lanka coast.



23 February (Day 5)

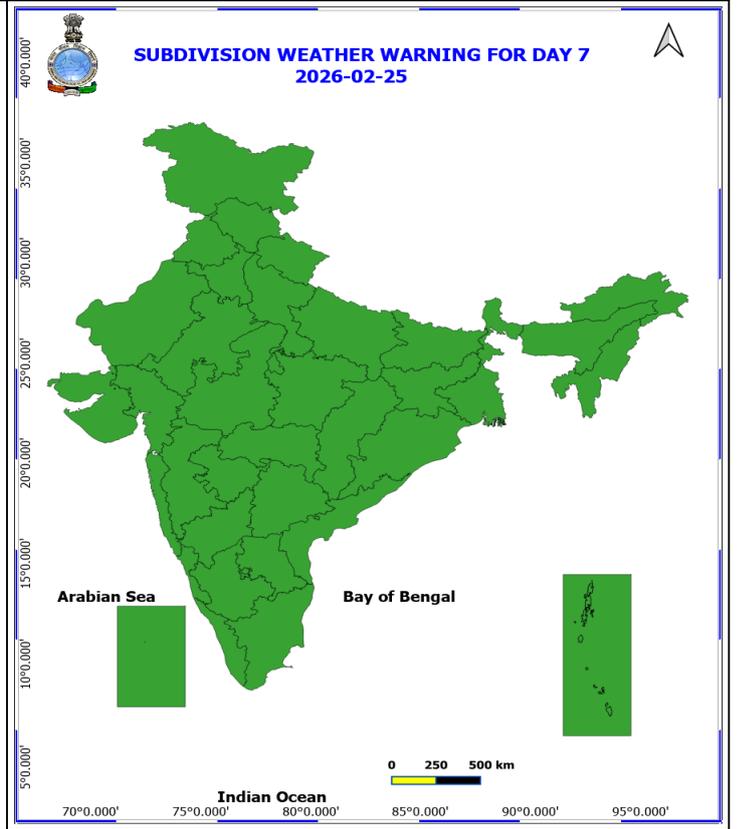
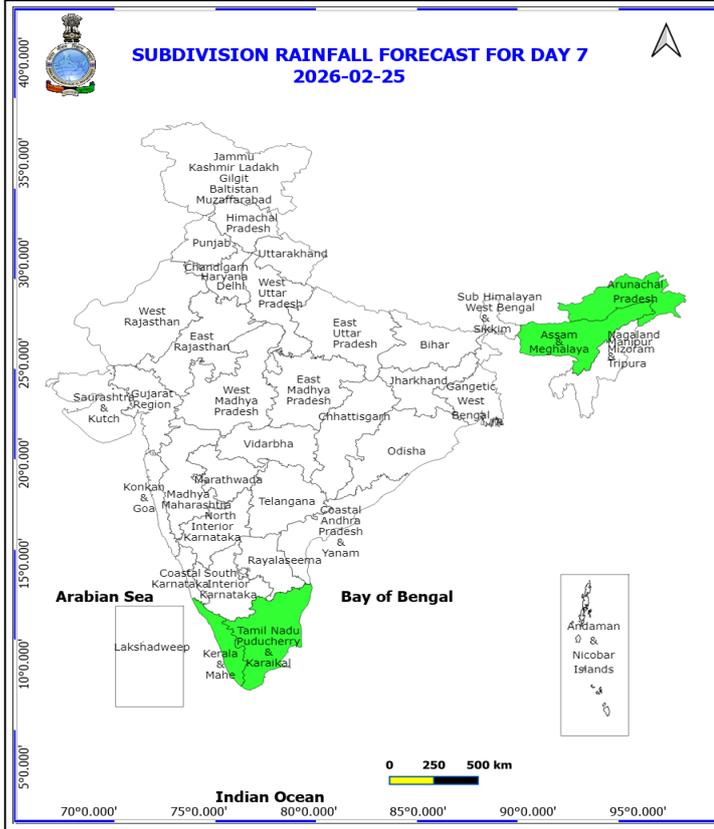
❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Kerala & Mahe.

No Fishermen Warning



24 February (Day 6)

No Warning
No Fishermen Warning



25 February (Day 7)

No Warning

No Fishermen Warning



Table-1

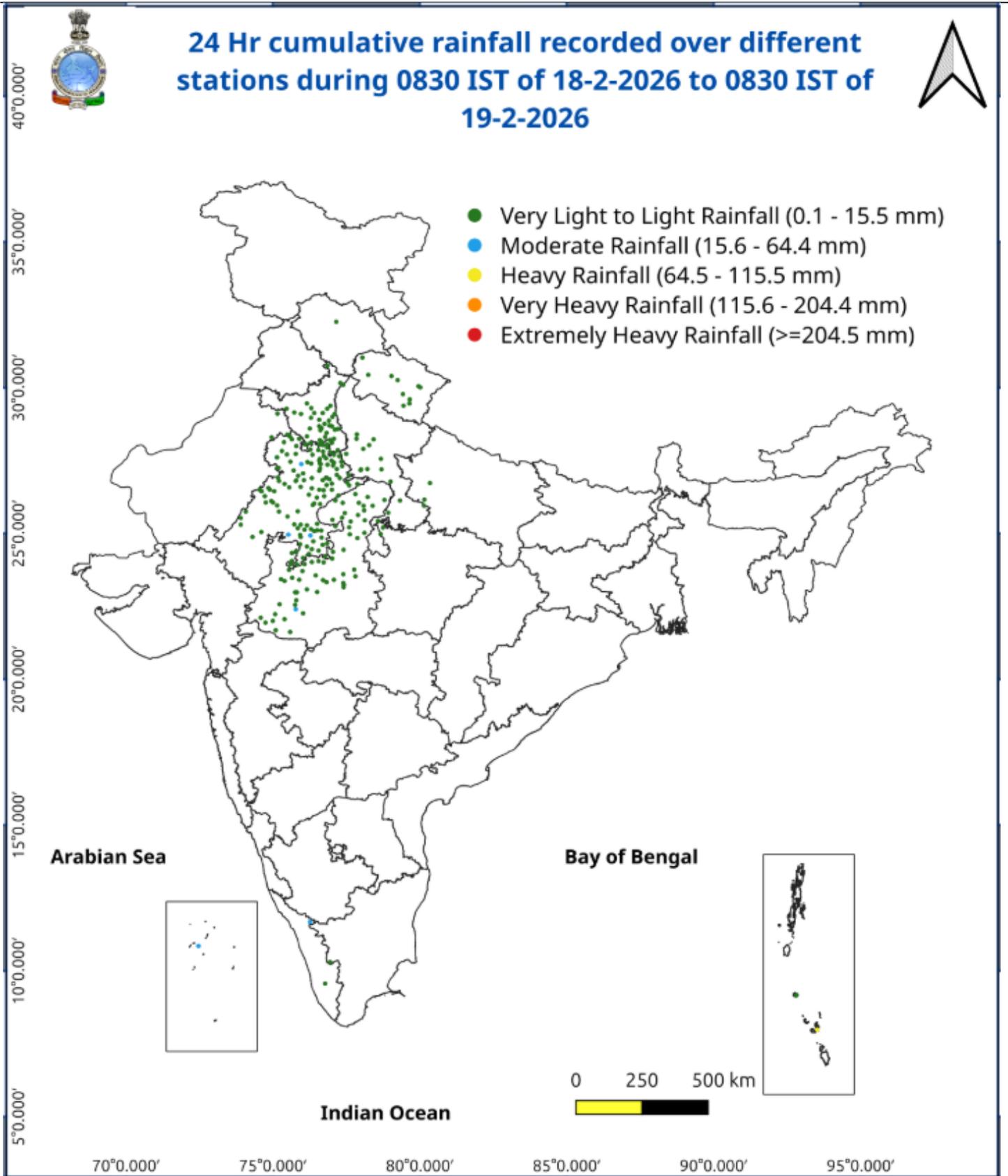
7 Days Rainfall Forecast

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

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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Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Tamilnadu** and **Kerala**, undertake harvesting of matured paddy and shift the harvested produce to safer places. Clean and open drainage channels and strengthen field bunds in paddy and low-lying vegetable fields to avoid water stagnation. Provide staking in banana and support to vegetables in pandals

Agromet advisories for likely impact of Thunderstorm / Gusty 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.

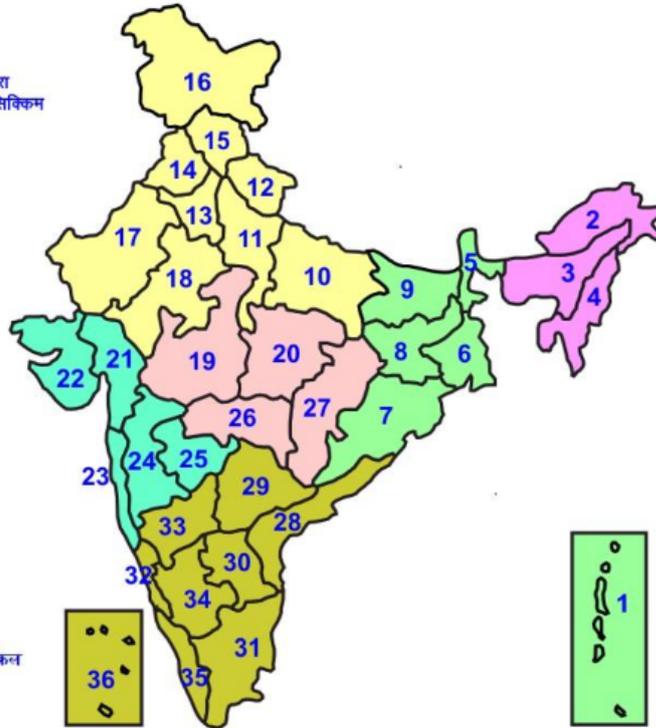
Legends & abbreviations:

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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