

2026-02-16

Time of Issue: 13:56:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Systems, Forecast and Warnings

- **Isolated** rainfall/snowfall likely over Himachal Pradesh on 18th and Uttarakhand on 18th & 19th February.
- **Isolated** rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-40 kmph)** likely over Andaman & Nicobar Islands during 16th-18th, Punjab, Haryana, Chandigarh, and Rajasthan on 17th & 18th; with **thunderstorm & lightning** likely over Madhya Pradesh on 18th February.
- **Heavy rainfall** likely at isolated places over south Tamil Nadu and Kerala & Mahe on 21st & 22nd February.

Forecast of minimum temperatures:

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

Forecast of maximum temperatures:

- No significant change in Maximum temperature likely over Gujarat State and Maharashtra during next 3-4 days and gradual rise by 2-3 °C thereafter.
- Maximum Temperatures are likely to be above normal by 2-4°C over Plains of Northwest India during the week with temporally relief on 17th & 18th February.
- Maximum Temperatures are likely to be above normal by 2-4°C over Gujarat, Maharashtra and Karnataka during the week.

Dense Fog Warnings:

- **Dense fog conditions** likely during morning hours in isolated pockets over Odisha till 18th February.

Hot and Humid Weather Warnings:

- **Hot and humid weather** very likely to prevail over Coastal Karnataka on 16th & 17th February.

Main Weather Observations:

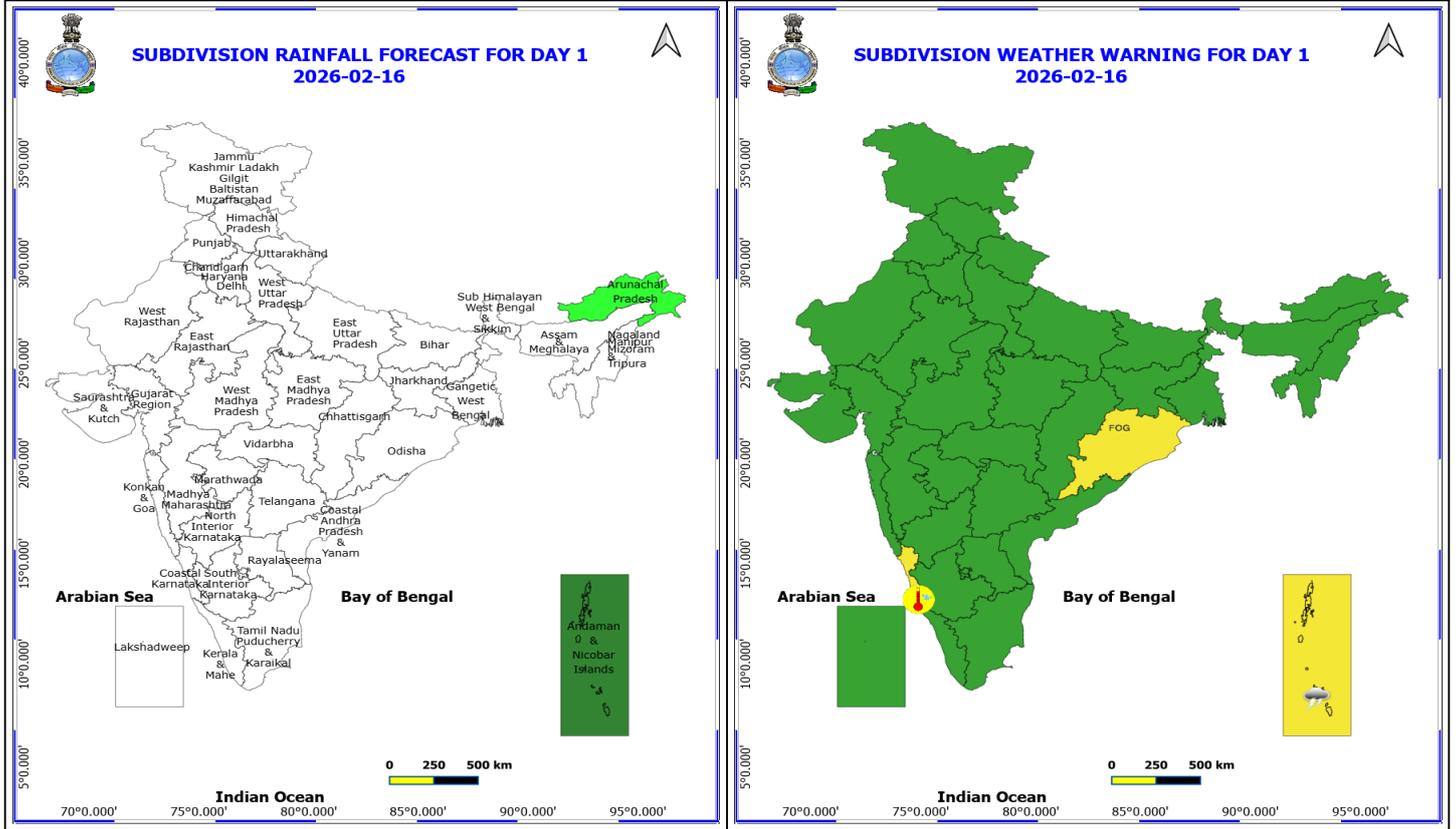
- ❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at isolated places** over Arunachal Pradesh, Sub Himalayan West Bengal & Sikkim and Kerala & Mahe; **Dry** over rest of the country.
- ❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Arunachal Pradesh:** Koloriang 3; **Kerala & Mahe:** Kanjirappally (dist Kottayam) 1.
- ❖ **Dense to very Dense fog (visibility <50 m) conditions** prevailed in isolated pockets over Punjab, Haryana, West Uttar Pradesh, Odisha and **dense fog (visibility 50-199 m) conditions** in isolated pockets over Himachal Pradesh and Meghalaya.
- ❖ **Visibility Reported (In Meters <200 m):** **West Uttar Pradesh:** Sarsawa 0m, Muzaffarnagar 50m; **Odisha:** Chandbali (0-49m); Bhubaneswar (50-199m); **Haryana:** Karnal 30m; **Himachal Pradesh:** Bilaspur 50m; **Punjab:** Bhatinda (<50m), Amritsar 50m; **Meghalaya:** Barapani 100m.
- ❖ **Minimum Temperature Departures (as on 16-02-2026):** **above normal (1.6°C to 3.1°C)** over Jammu Div, west Uttarakhand, West Rajasthan, North coastal Maharashtra and north Madhya Maharashtra and **near normal** over rest parts of the country. The **lowest minimum** temperature of **6.6°C** was observed at **Bhatinda (Punjab)** over the plains of India.
- ❖ **Maximum Temperature Departures (as on 15-02-2026):** **Markedly above normal (5.1°C or more)** at most places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Himachal Pradesh, Haryana-Chandigarh-Delhi and West Rajasthan; **Appreciably above normal (3.1°C to 5.0°C)** at a few places over East Rajasthan, Punjab; at isolated places over West Uttar Pradesh, Odisha, Saurashtra & Kutch; **Above normal (1.6°C to 3.0°C)** at a few places over East Uttar Pradesh, Vidarbha, Madhya Pradesh, Gujarat Region; at isolated places over Bihar, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Telangana, Konkan & Goa, Kerala & Mahe. **The highest maximum temperature** of 36.6°C was reported at KARWAR (KARNATAKA).

Meteorological Analysis (Based on 0830 hours IST)

- Under the influence of the **upper air cyclonic circulation** over east Equatorial Indian Ocean & adjoining central parts of south Bay of Bengal, a **Low Pressure Area** formed over the same region at 0830 hrs IST of today, the 16th February, 2026. The associated **upper air cyclonic circulation** extended upto 5.8 km above mean sea level. It is likely to move west-northwestwards and become more marked over southwest Bay of Bengal & adjoining east Equatorial Indian Ocean around 18th February, 2026.
- The **Western Disturbance** as a cyclonic circulation over east Turkmenistan & adjoining Afghanistan now lies over northwest Afghanistan & neighbourhood between 3.1 & 7.6 km above mean sea level tilting northwestwards with height.
- **Subtropical westerly Jet Stream** with core winds of the order of 130 knots at 12.6 km above mean sea level continues to prevail over Northeast India.

Weather Outlook for subsequent 3 days

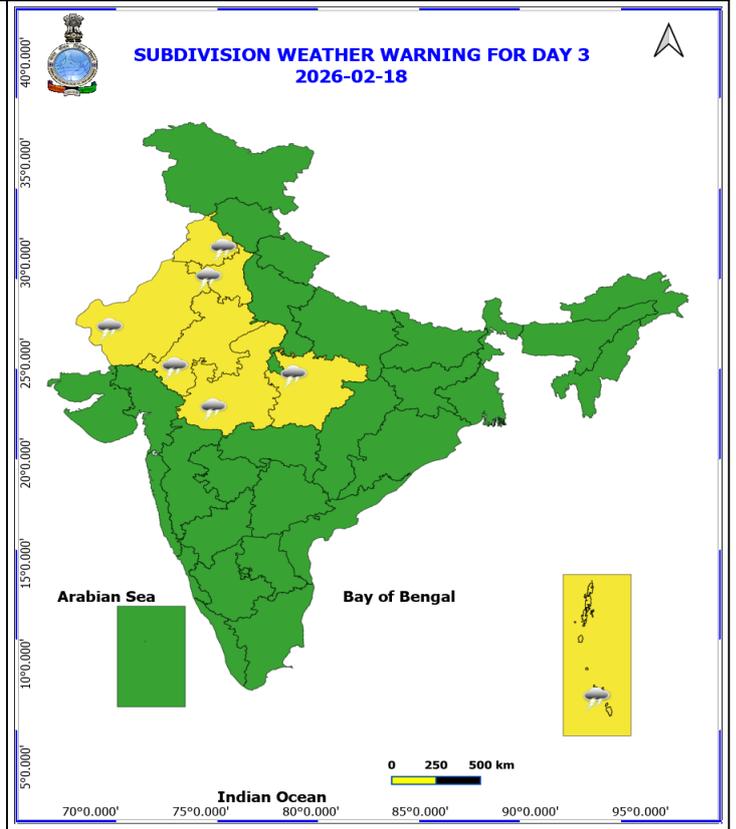
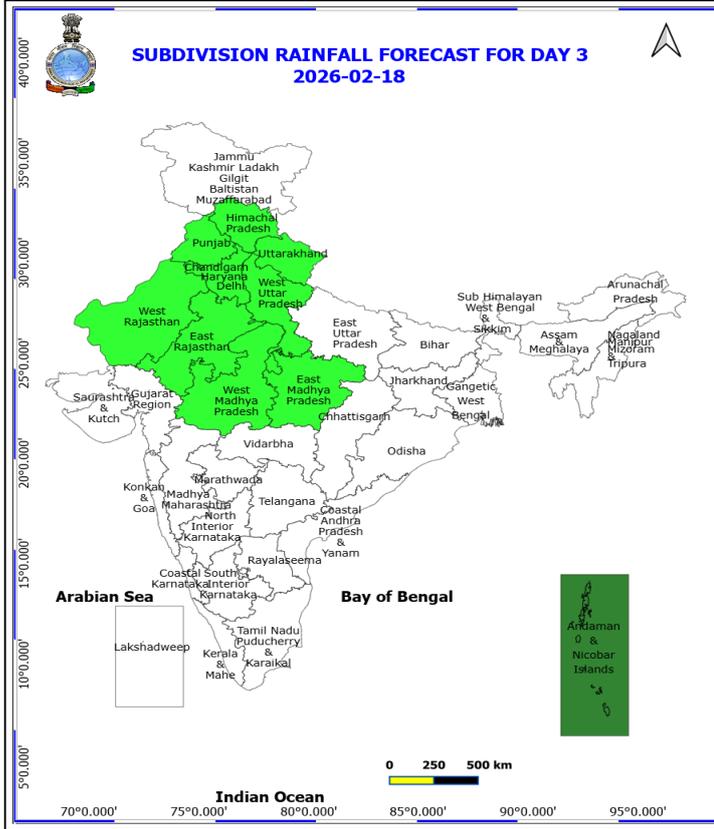
- Isolated to Scattered rainfall activity likely over Arunachal Pradesh, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal.
- Isolated rainfall activity likely over Central India, Lakshadweep and Nicobar Islands.



16 February (Day 1)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Karnataka.
- ❖ **Dense Fog** very likely at isolated places over Odisha.
- ❖ **Squally weather with wind speed 35 to 45 kmph gusting to 55 kmph** likely to prevail over some parts of southwest & adjoining southeast Bay of Bengal and adjoining east Equatorial Indian Ocean.

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18 February (Day 3)

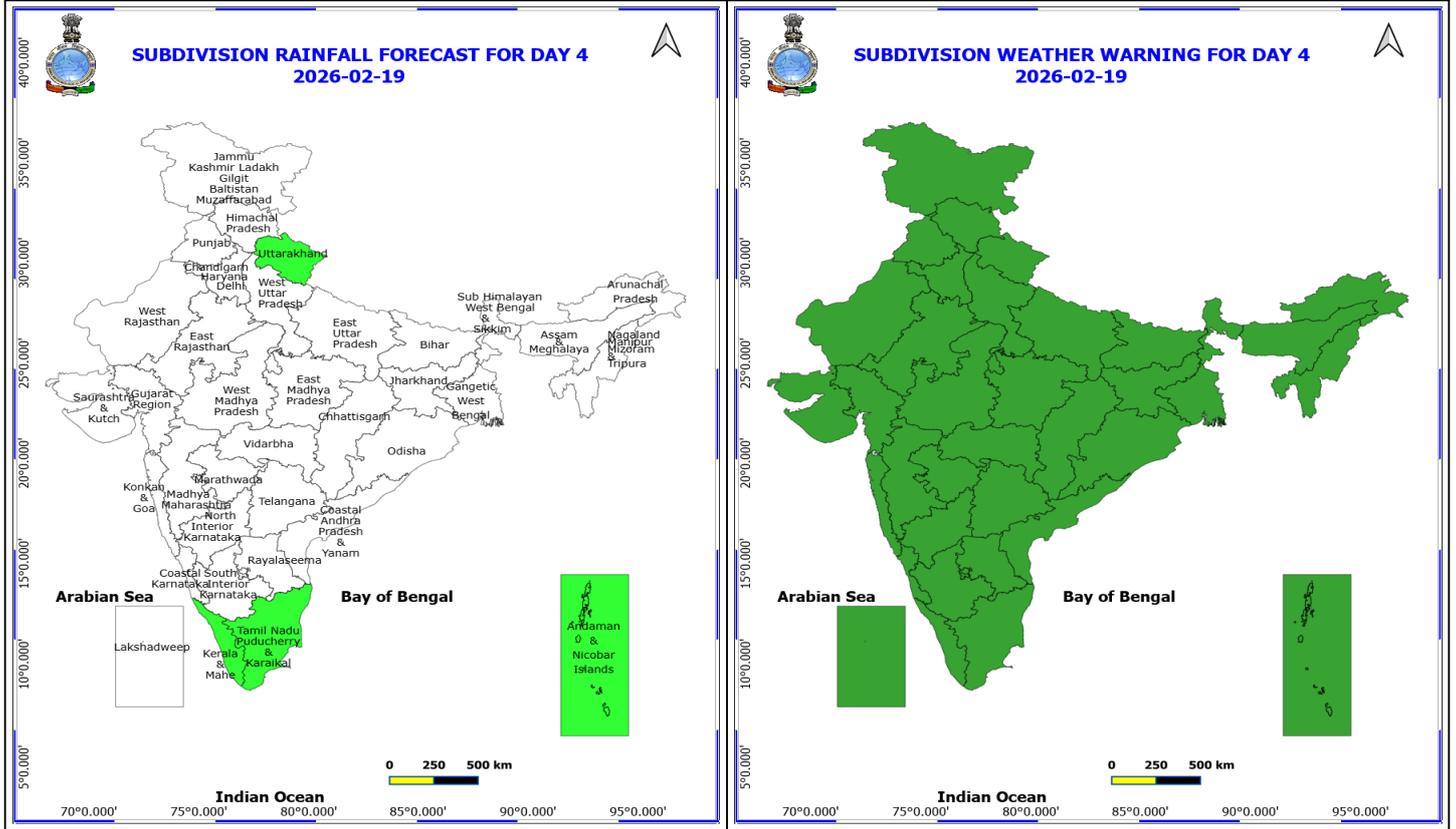
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Haryana, Chandigarh & Delhi, Punjab and Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Madhya Pradesh.
- ❖ **Squally weather with wind speed 35 to 45 kmph gusting to 55 kmph** likely to prevail over many parts of southwest Bay of Bengal & adjoining east Equatorial Indian Ocean, along and off Sri Lanka coast.

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19 February (Day 4)

No Warning

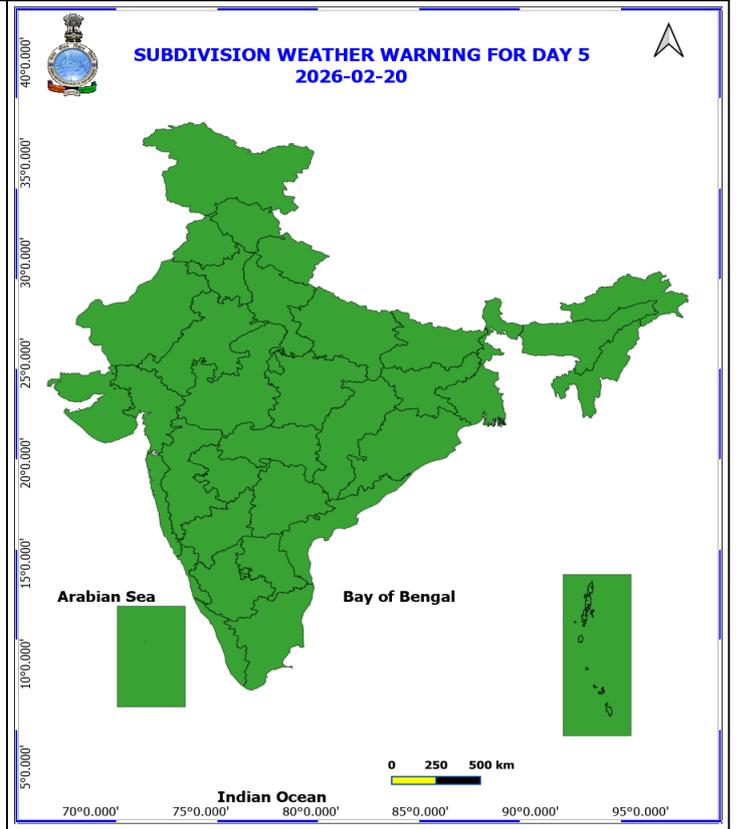
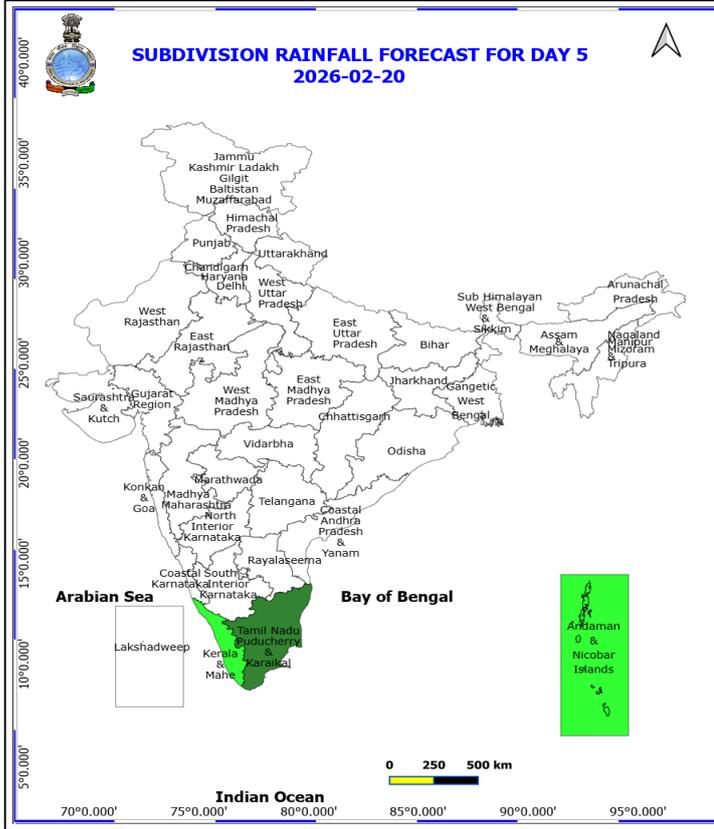
❖ **Squally weather with wind speed 35 to 45 kmph gusting to 55 kmph** likely to prevail over many parts of southwest Bay of Bengal & adjoining east Equatorial Indian Ocean, along and off Sri Lanka coast, over some parts of Gulf of Mannar and adjoining Comorin area.

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20 February (Day 5)

No Warning

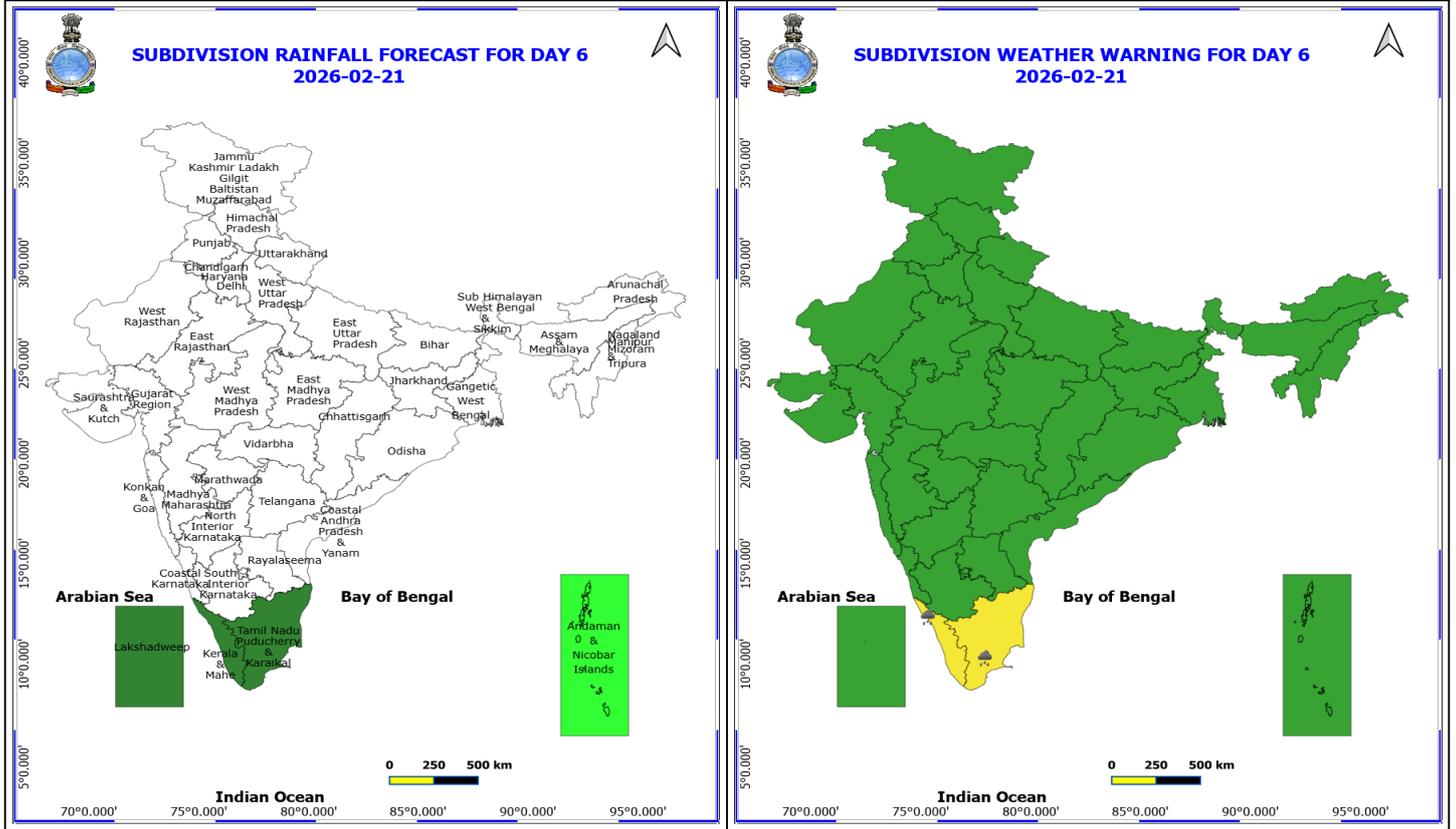
❖ **Squally weather with wind speed 35 to 45 kmph gusting to 55 kmph** likely to prevail over many parts of southwest Bay of Bengal & adjoining east Equatorial Indian Ocean, along and off Sri Lanka coast, over Gulf of Mannar and adjoining Comorin area.

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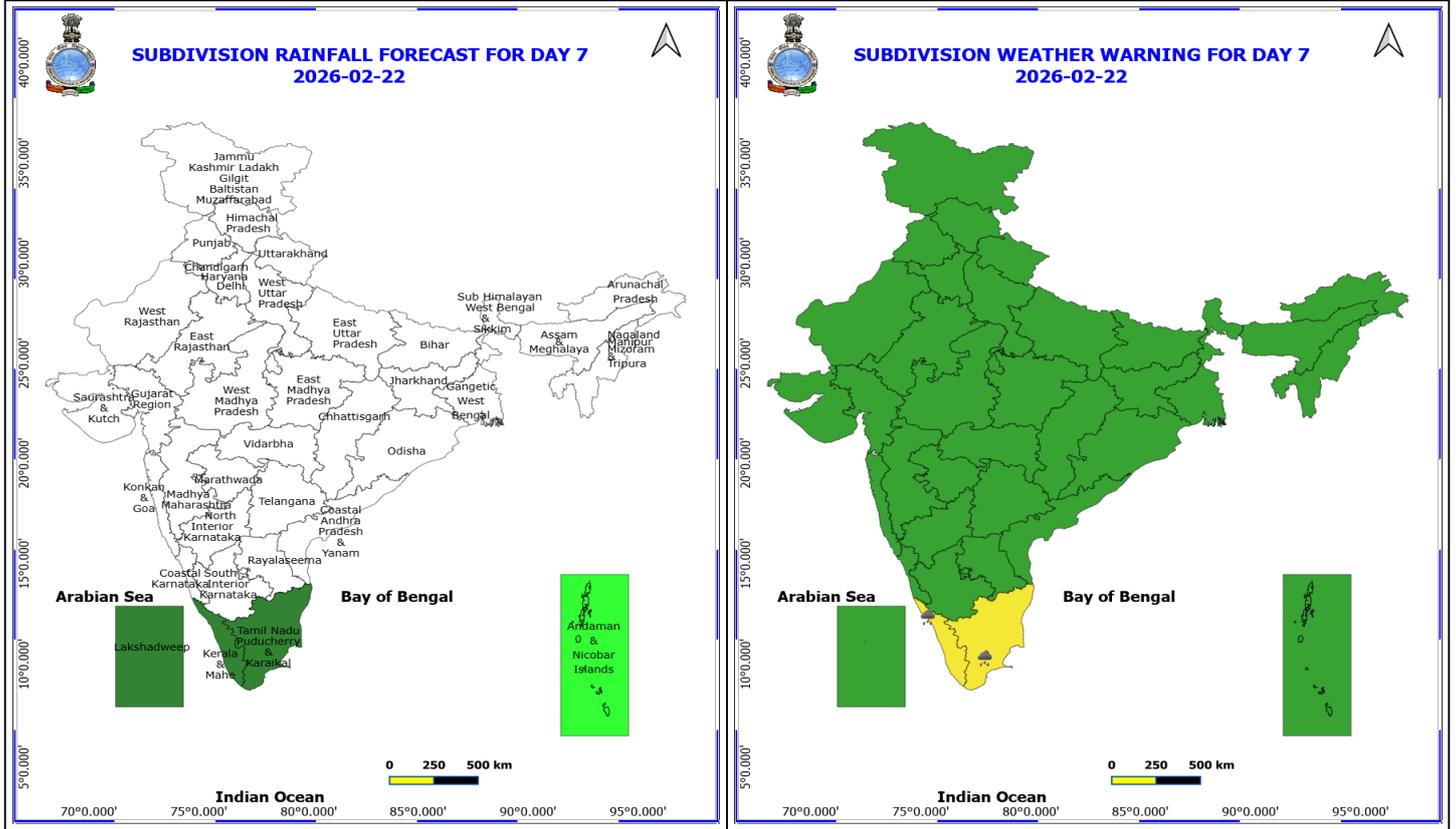
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21 February (Day 6)

❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.

No Fishermen Warning



22 February (Day 7)

❖ Heavy Rainfall likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.

No Fishermen Warning



Table-1

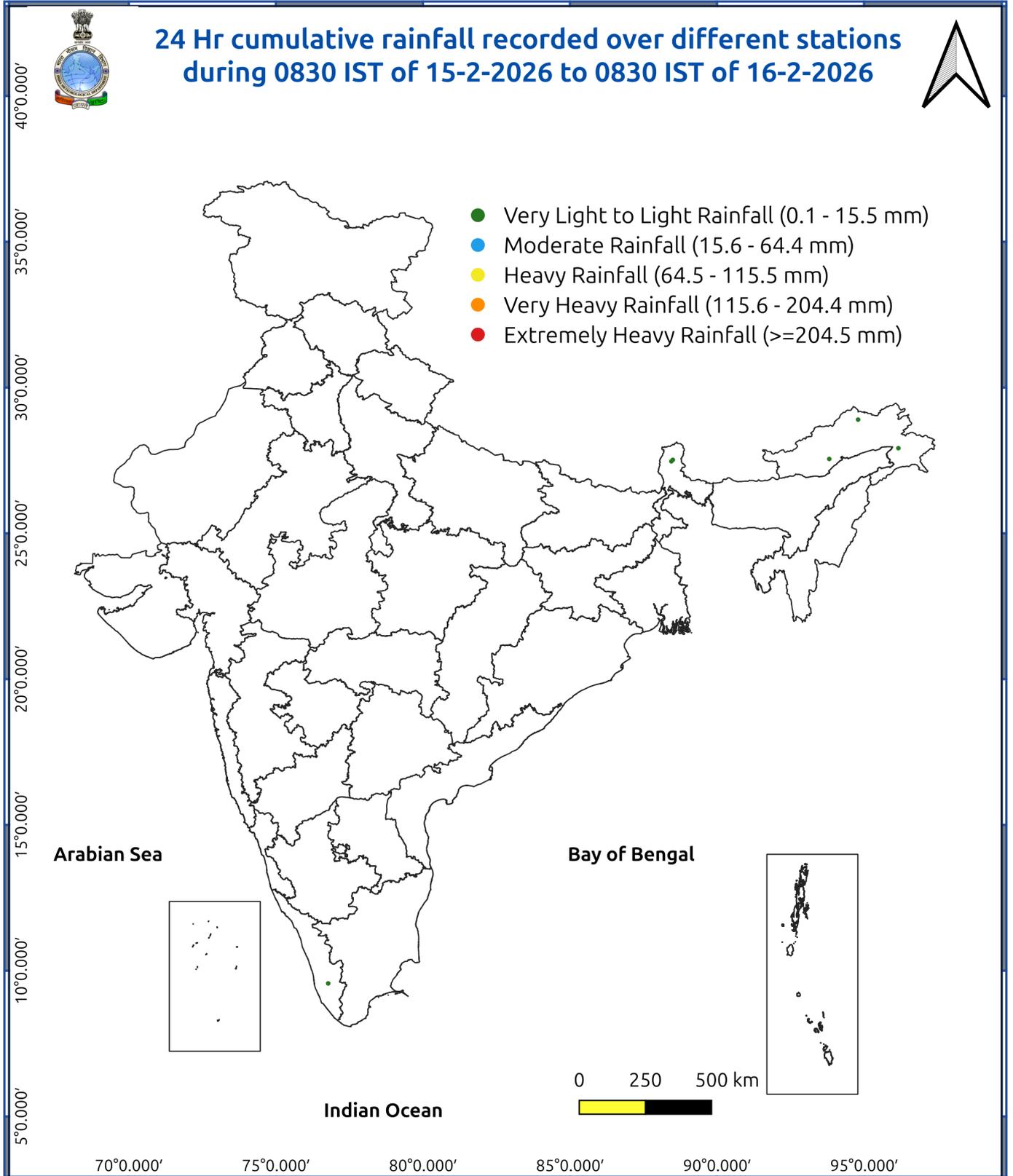
7 Days Rainfall Forecast

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

Agromet advisories for likely impact of Above normal Temperatures

In **Jammu and Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Rajasthan, and the Kutch region of Gujarat**, apply light and frequent irrigation to the standing crops during critical growth stages (flowering and grain filling in wheat, pod formation in mustard and gram etc.). Take appropriate action for conservation of soil moisture through mulching, proper field bunding, and avoiding unnecessary intercultivation.

Livestock / Poultry

Provide clean, hygienic and plenty of drinking water to animals.

To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass.

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.

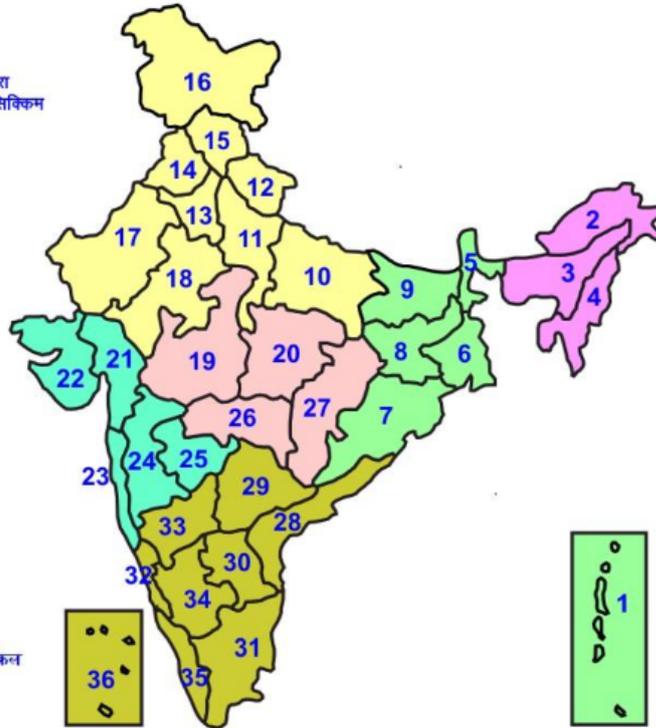
Legends & abbreviations:

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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