

2026-03-04

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

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Weather Systems, Forecast and Warnings

- **Isolated to scattered** light rainfall/snowfall likely over Jammu, Kashmir & Ladakh during 04<sup>th</sup>-09<sup>th</sup>; Himachal Pradesh during 07<sup>th</sup> -09<sup>th</sup> and over Uttarakhand on 08<sup>th</sup> & 09<sup>th</sup> March.

#### Dense Fog Warnings:

- **Dense fog conditions** likely during morning hours at isolated places over Sikkim on 04<sup>th</sup> March.

#### Hot & Humid weather Warnings:

- **Hot & humid conditions** very likely to prevail in isolated pockets over Konkan on 04<sup>th</sup> & 05<sup>th</sup> and coastal areas of Gujarat State during 04<sup>th</sup>-06<sup>th</sup> March.

#### Forecast of maximum temperatures:

- Gradual rise in maximum temperature by about 2°C likely over Western Himalayan region during next 2 days and gradual fall by 3-4°C during subsequent 4 days. Over the plains of Northwest India, maximum temperatures are likely to rise by 2-3° C during next 4 days and no significant change during subsequent 3 days. **Hence, maximum temperatures are likely to be appreciably to markedly above normal by 4-6°C over many parts of Northwest India during next 7 days.**
- Gradual rise in maximum temperature by 2-4°C likely over Central India during next 3 days and no significant change during subsequent 3 days except Chhattisgarh, Vidarbha where it is likely to rise by about 2°C during next 3 days and no significant change thereafter.
- Gradual rise in maximum temperature by 2-3°C likely over Maharashtra during next 3 days and no significant change during subsequent 3 days.
- Gradual rise in maximum temperature by 2-3°C likely over Gujarat State during next 24 hours and no significant change during subsequent 5 days.
- No significant change in maximum temperatures likely over Tamil Nadu during next 24 hours; gradual rise by about 2°C during subsequent 3 days and no significant change thereafter.
- No significant change in maximum temperatures likely over rest parts of the country.

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

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

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**Main Weather Observations:**

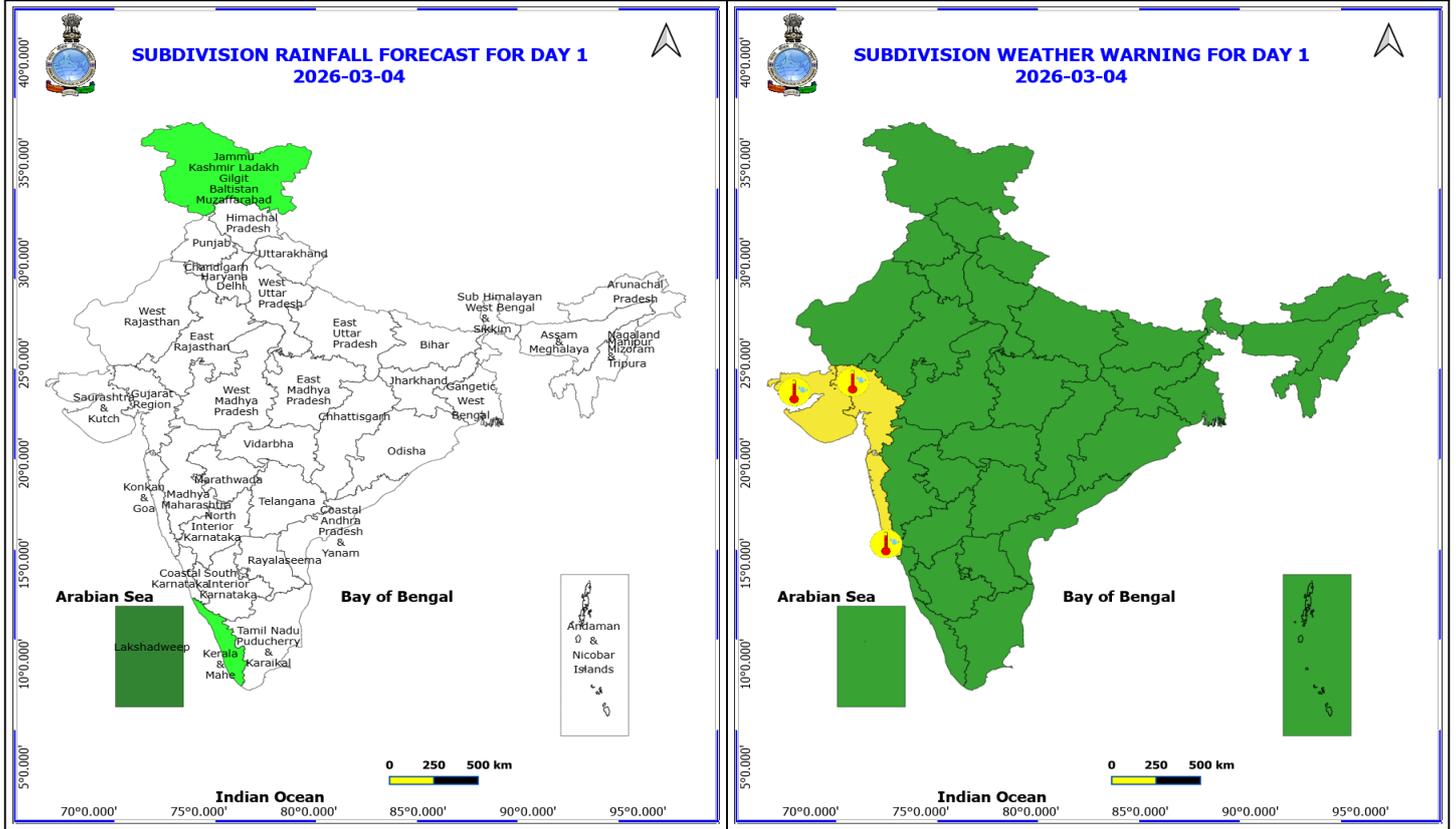
- ❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Dry** over rest of the country.
- ❖ **Minimum Temperature Departures (as on 03-03-2026):** were **markedly above normal (>5.0°C)** over west Rajasthan, north Gujarat, Madhya Maharashtra; appreciably above normal by 2-5°C over Jammu-Kashmir, over many parts of Northwest India, West Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Madhya Maharashtra. It is near normal over rest parts of the country. **The lowest minimum temperature of 10.0°C** was observed at **Ayodhya (Uttar Pradesh)** over the plains of India.
- ❖ **Maximum Temperature Departures (as on 03-03-2026):** Maximum temperatures were **markedly above normal (5.1? or more)** at many places over Himachal Pradesh, Jammu & Kashmir; at a few places over West Rajasthan; at isolated places over East Rajasthan, Gujarat Region, Haryana-Chandigarh-Delhi, Punjab, Saurashtra & Kutch, Uttarakhand, West Uttar Pradesh; **appreciably above normal (3.1? to 5.0?)** at a few places over Arunachal Pradesh, East Madhya Pradesh; at isolated places over Assam & Meghalaya, Coastal Andhra Pradesh & Yanam, East Uttar Pradesh, Gangetic West Bengal, Odisha, Telangana, Vidarbha, West Madhya Pradesh; **above normal (1.6? to 3.0?)** at a few places over Chhattisgarh, Jharkhand, Marathwada; at isolated places over Bihar, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram & Tripura, Rayalaseema, Tamil Nadu, Puducherry & Karaikal. Maximum temperatures were **markedly below normal (-5.1? or less)** at isolated places over Assam & Meghalaya, Tamil Nadu, Puducherry & Karaikal; **below normal (-3.0? to -1.6?)** at a few places over Arunachal Pradesh, Coastal Karnataka; at isolated places over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim, Telangana, West Madhya Pradesh and near normal over rest parts of the country. **The highest maximum temperature** of 39.0°C is reported at JHARSUGUDA (ORISSA), and KURNOOL (ANDHRA PRADESH).

### Meteorological Analysis (Based on 0530 hours IST)

- The **Western Disturbance** as a trough in middle level tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 52°E to the north of Lat. 25°N.
- The **upper air cyclonic circulation** over south Assam & neighbourhood at 0.9 km above mean sea level persists.
- The **trough** from north Odisha to Vidarbha across south Chhattisgarh now runs from Gangetic West Bengal to Rayalaseema across interior Odisha and Coastal Andhra Pradesh & Yanamat 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over central Pakistan and neighbourhood at 1.5 km above mean sea level.
- **Subtropical westerly Jet Stream** with core winds of the order of 105 knots at 12.6 km above mean sea level prevails over Northwest India.
- The **cyclonic circulation** over Gulf of Mannar & neighbourhood at 0.9 km above mean sea level persists.
- The **north-south trough/wind discontinuity** now runs from the above cyclonic circulation over Gulf of Mannar & neighbourhood to North Interior Karnataka across Tamilnadu & South Interior Karnataka at 0.9 km above mean sea level persists.
- The **cyclonic circulation** over central parts of south Bay of Bengal & adjoining Equatorial Indian Ocean between 1.5 & 5.8 km above mean sea level tilting southwestwards with height persists.
- Another fresh **Western Disturbance** is likely to affect Western Himalayan region from the 06<sup>th</sup> March, 2026.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood between 1.5 & 3.1 km above mean sea level has become less marked.
- The **upper cyclonic circulation** over Gujrat region at 1.5 km above mean sea level has become less marked..

### Weather Outlook for subsequent 3 days

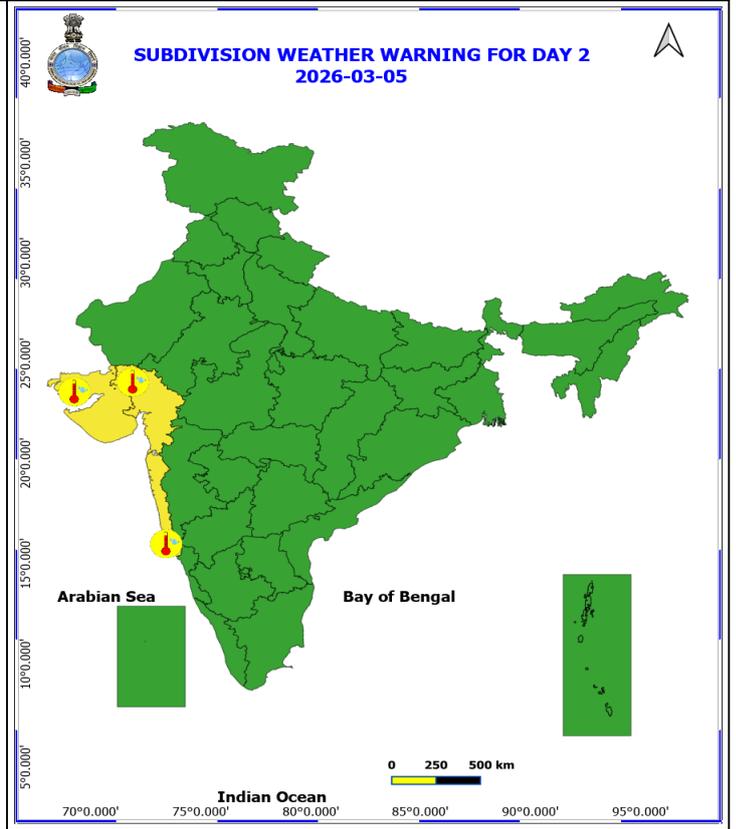
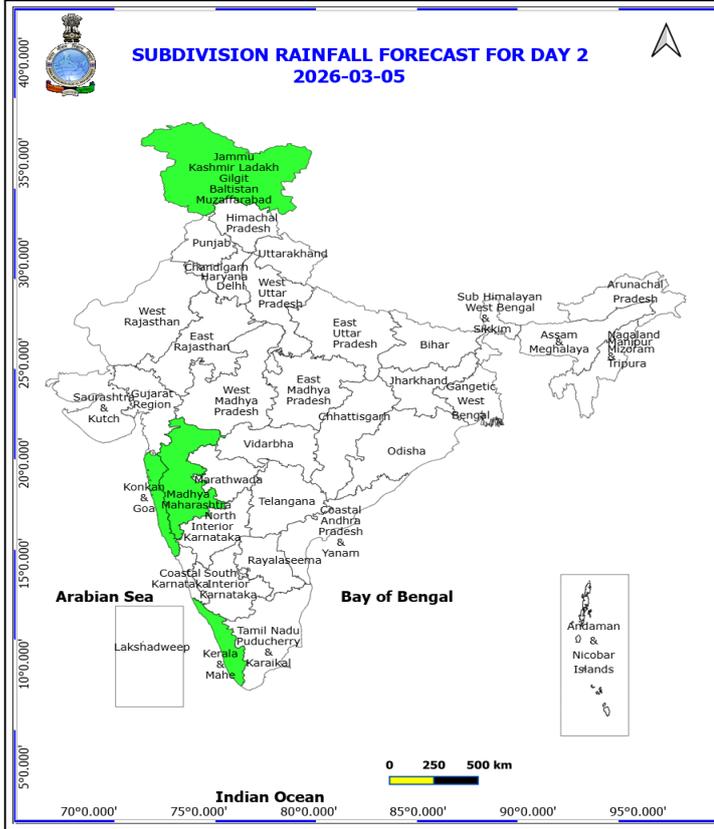
- Isolated to Scattered rainfall activity likely over Western Himalayan region, Kerala & Mahe and Sub-Himalayan West Bengal & Sikkim.
- Scattered to fairly widespread rainfall activity likely over Northeast India.



**4 March (Day 1)**

❖ **Hot and Humid weather** very likely at isolated places over Gujarat State and Konkan & Goa.

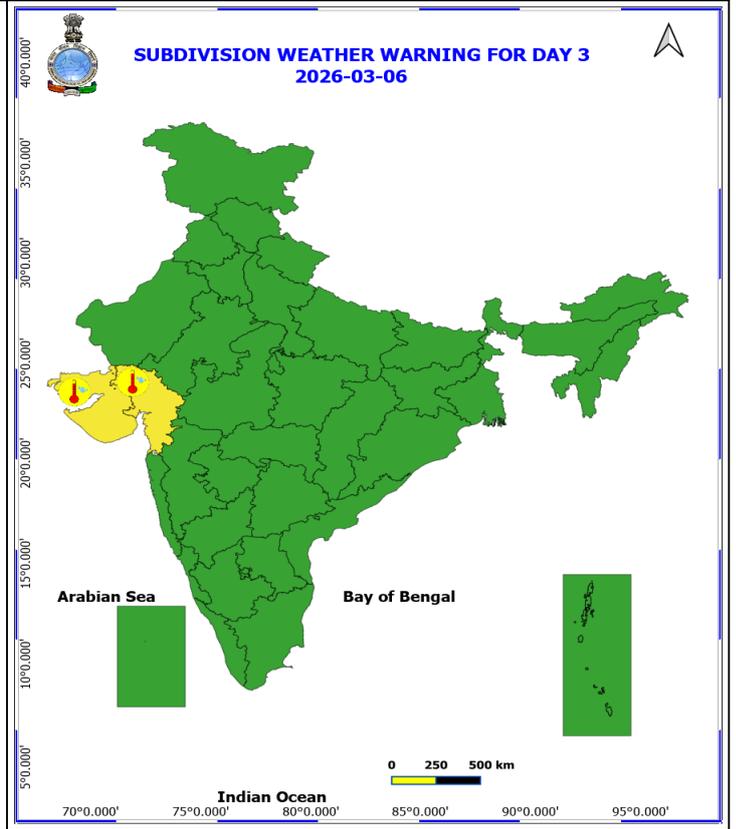
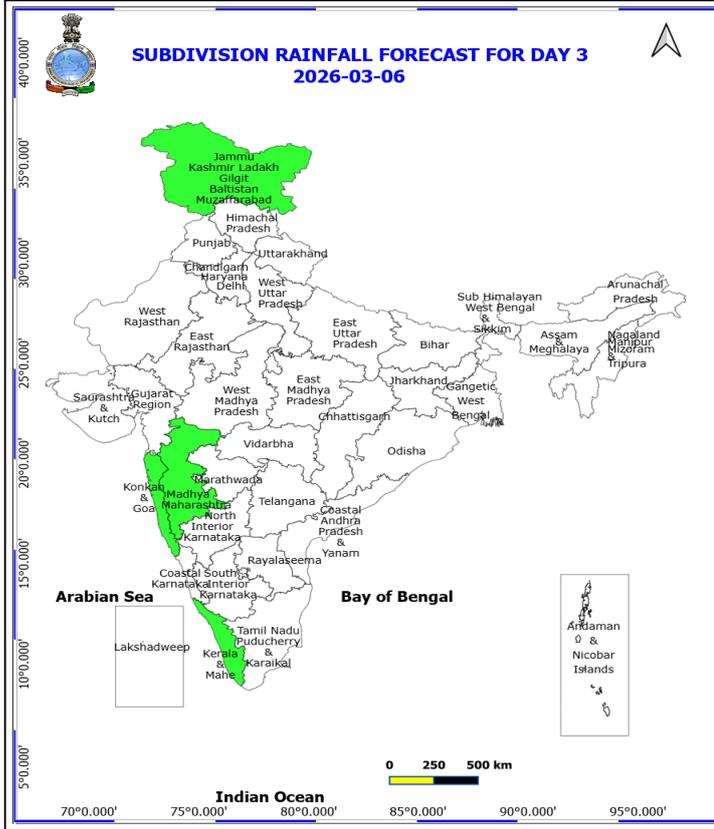
**No Fishermen Warning**



**5 March (Day 2)**

❖ **Hot and Humid weather** very likely at isolated places over Gujarat State and Konkan & Goa.

**No Fishermen Warning**



**6 March (Day 3)**

❖ Hot and Humid weather very likely at isolated places over Gujarat State.

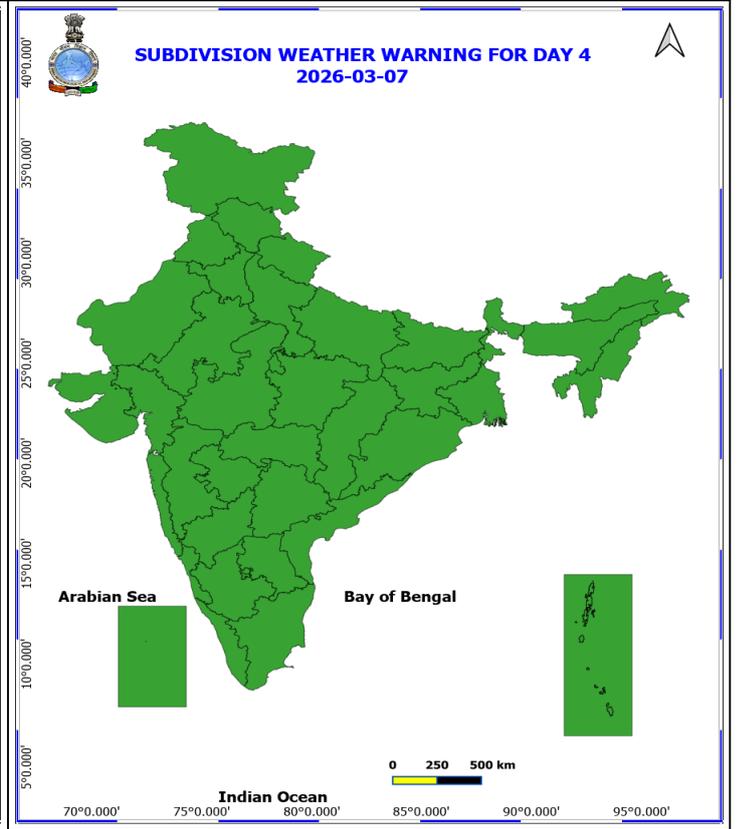
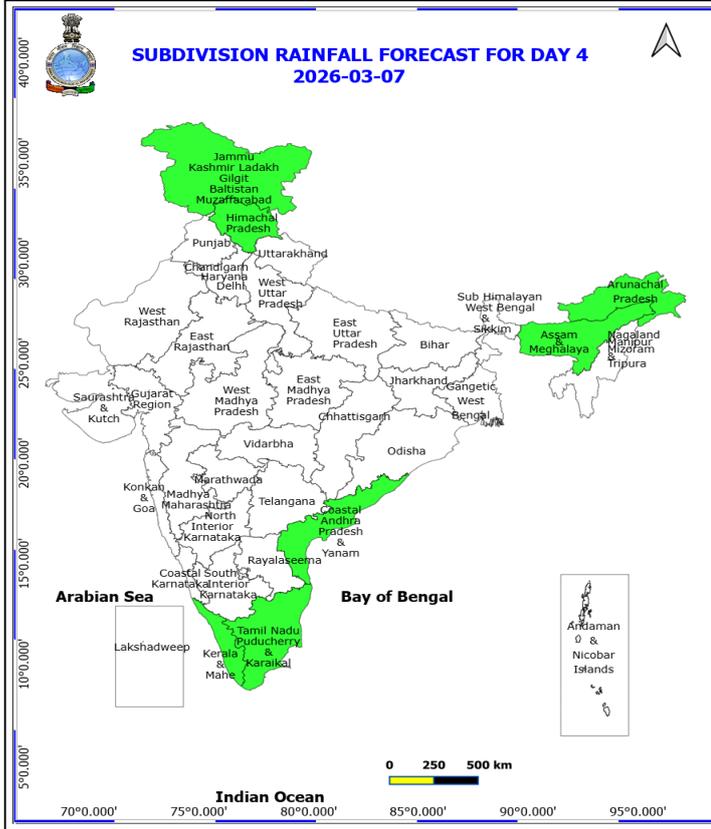
**No Fishermen Warning**

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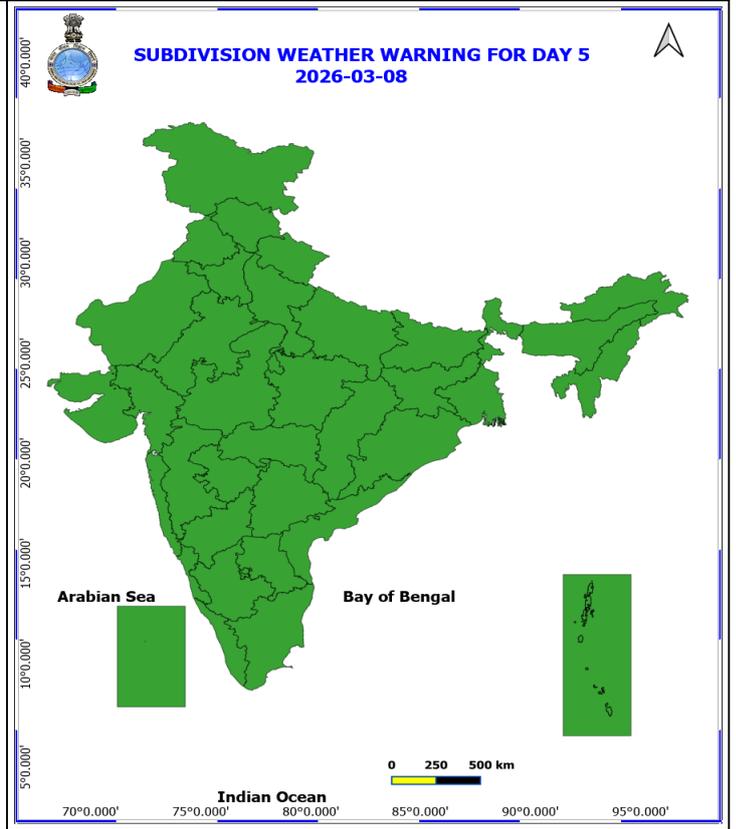
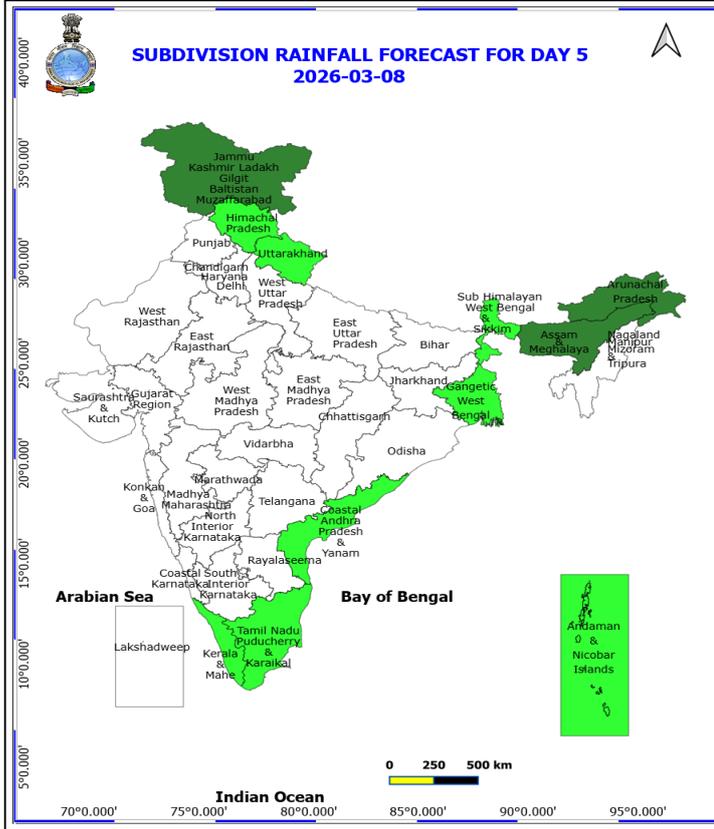
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**7 March (Day 4)**

**No Warning**

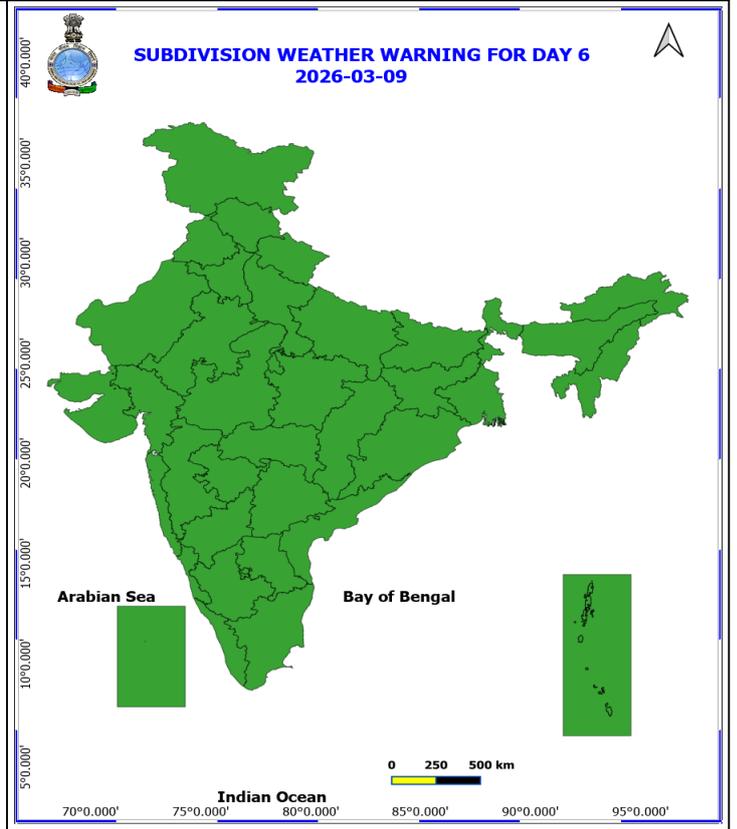
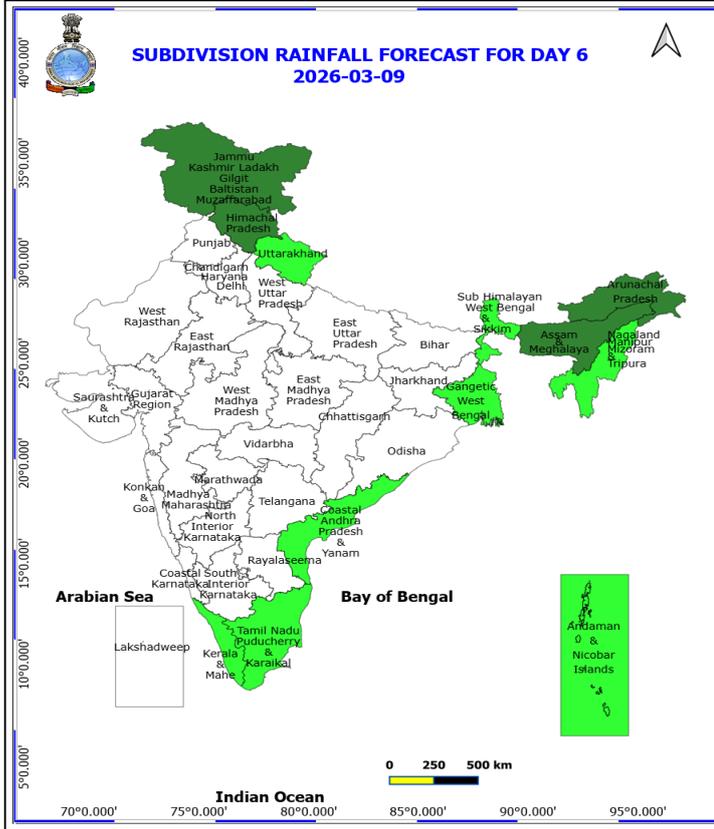
**No Fishermen Warning**



**8 March (Day 5)**

**No Warning**

**No Fishermen Warning**

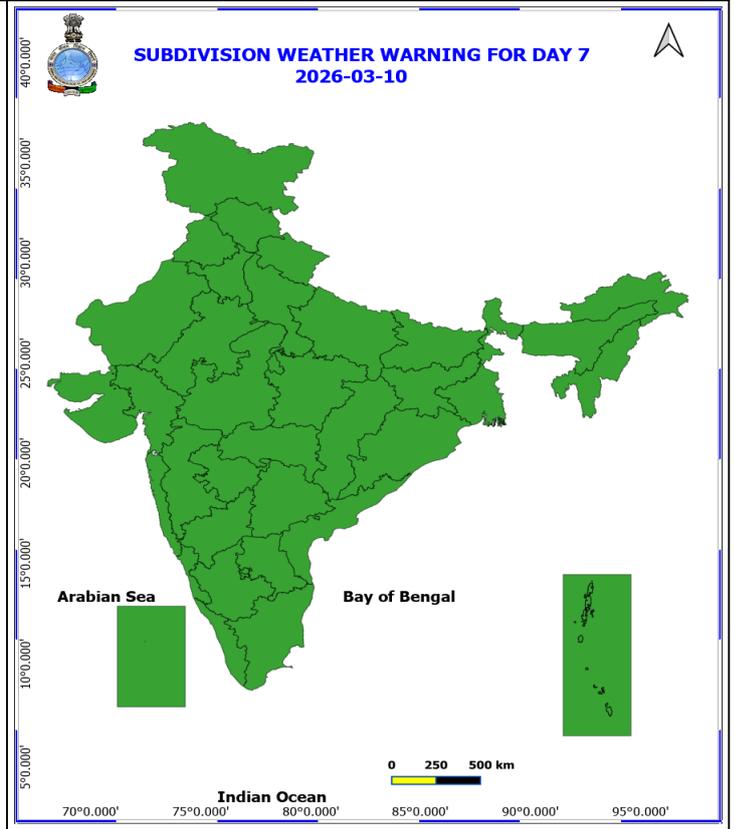
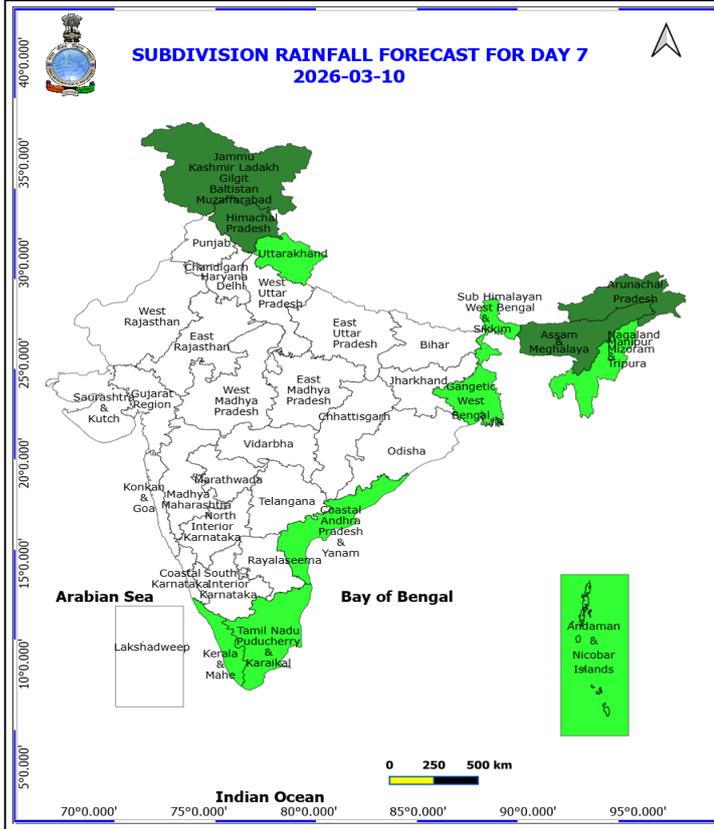


**9 March (Day 6)**

**No Warning**

**No Fishermen Warning**

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**10 March (Day 7)**

**No Warning**

**No Fishermen Warning**



## Table-1

### 7 Days Rainfall Forecast

S.No.	Subdivision	4- Mar	5- Mar	6- Mar	7- Mar	8- Mar	9- Mar	10- Mar
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
2	ARUNACHAL PRADESH	DRY	DRY	DRY	ISOL	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	ISOL	SCT	SCT	SCT
4	N. M. M. & T.	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
5	S.H. WEST BENGAL & SIKKIM	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
7	ODISHA	DRY						
8	JHARKHAND	DRY						
9	BIHAR	DRY						
10	EAST UTTAR PRADESH	DRY						
11	WEST UTTAR PRADESH	DRY						
12	UTTARAKHAND	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
13	HARYANA, CHD & DELHI	DRY						
14	PUNJAB	DRY						
15	HIMACHAL PRADESH	DRY	DRY	DRY	ISOL	ISOL	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
17	WEST RAJASTHAN	DRY						
18	EAST RAJASTHAN	DRY						
19	WEST MADHYA PRADESH	DRY						
20	EAST MADHYA PRADESH	DRY						
21	GUJRAT REGION	DRY						
22	SAURASHTRA & KUTCH	DRY						
23	KONKAN & GOA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY						
26	VIDARBHA	DRY						
27	CHATTISGARH	DRY						
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	DRY						
30	RAYALASEEMA	DRY						
31	TAMILNADU & PUDUCHERRY	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	DRY						
33	NORTH INTERIOR KARNATAKA	DRY						
34	SOUTH INTERIOR KARNATAKA	DRY						
35	KERALA	ISOL						
36	LAKSHDWEEP	SCT	DRY	DRY	DRY	DRY	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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Fig. 1: Maximum Temperatures Dated 2026-03-03

Fig. 2: Departure of Maximum Temp. Dated 2026-03-03

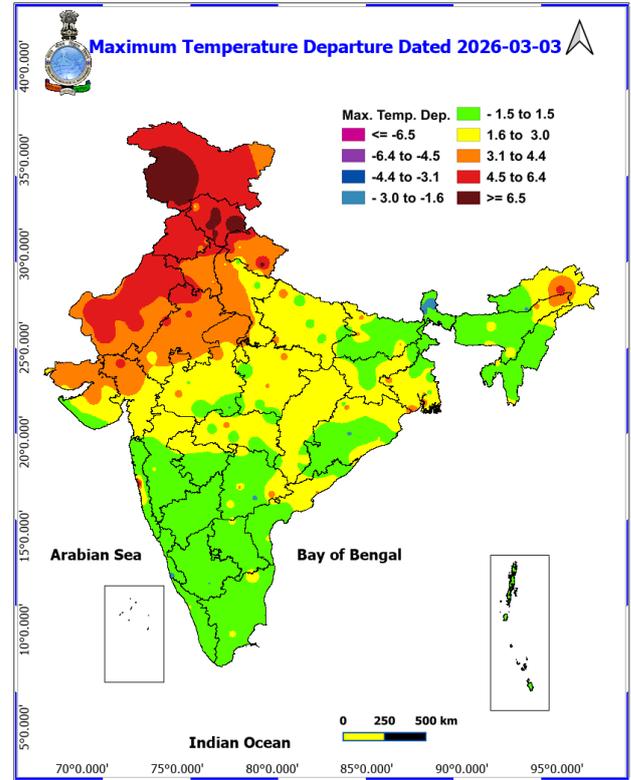
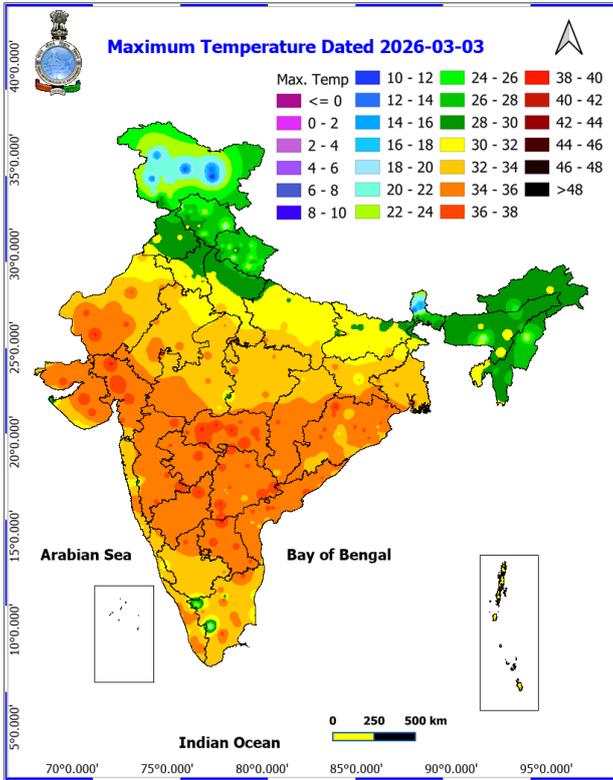
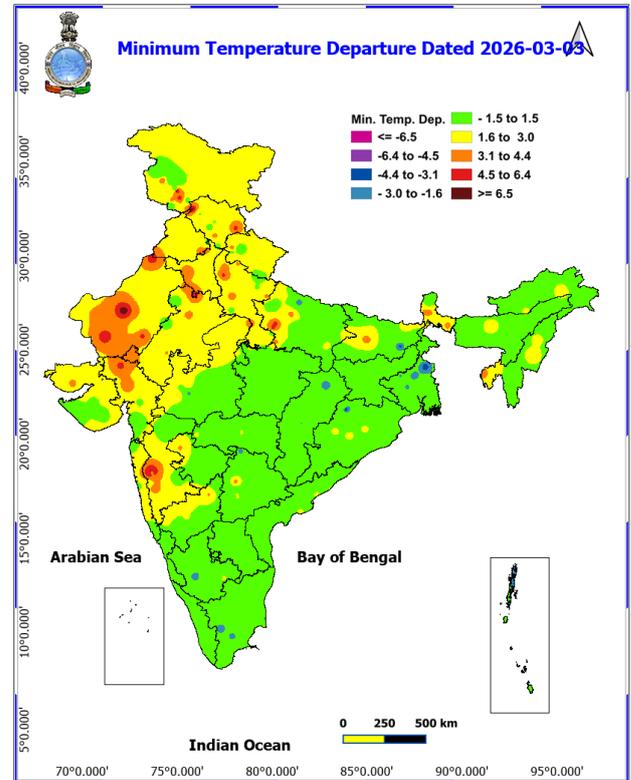
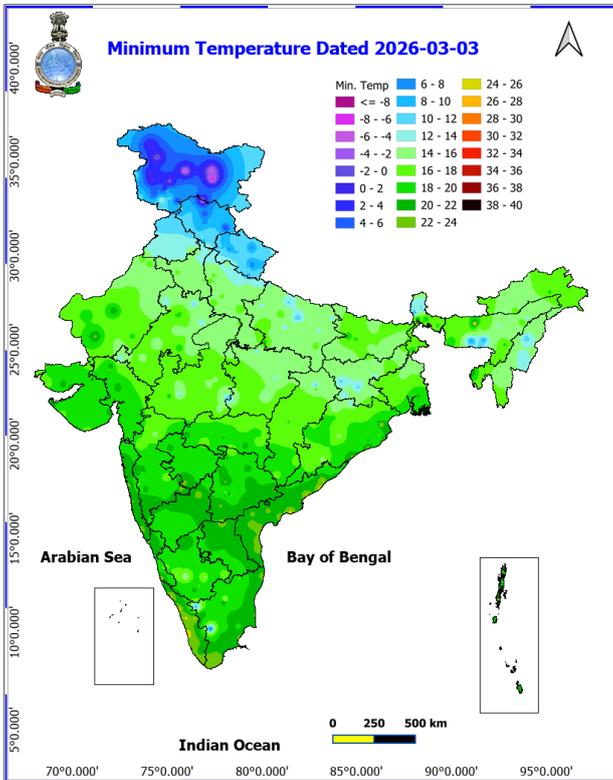
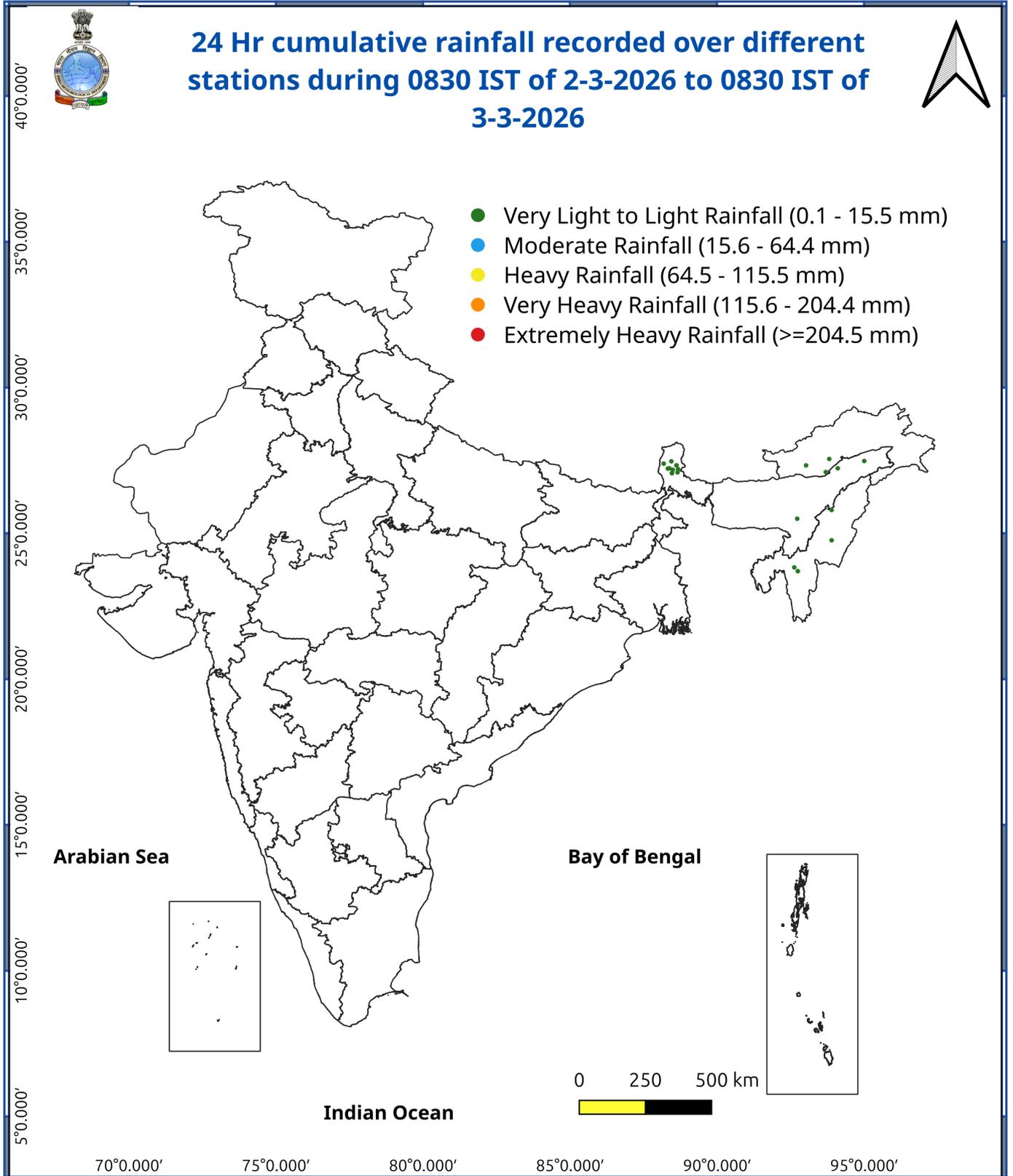


Fig. 3: Minimum Temperatures Dated 2026-03-03

Fig. 4: Departure of Minimum Temp. Dated 2026-03-03





## Agromet advisories for various parts of the country

### Agromet advisories for likely impact of Above normal Temperatures

- In **Jammu and Kashmir**, apply light irrigation to wheat, mustard and vegetables.
- In **Himachal Pradesh**, provide protective irrigation to wheat and early vegetables. Maintain ventilation in polyhouses for capsicum and tomato.
- In **Punjab**, maintain optimum soil moisture through irrigation in mustard, gobhi sarson and potato.
- In **Haryana**, provide light irrigation to mustard and gram at flowering and pod formation stages.
- In **Uttarakhand**, provide light and frequent irrigation in wheat, lentil, chickpea and mustard during critical growth stages (flowering and grain filling in wheat, pod formation in mustard and gram etc.).
- In **Western Uttar Pradesh**, provide light and frequent irrigation in wheat, mustard and chickpea, potato and early planted sugarcane.
- In **Rajasthan**, provide protective irrigation in cumin, isabgol, mustard and gram.
- In **Uttar Pradesh**, provide light irrigation in wheat (grain filling stage), mustard and gram crops during morning or evening hours to reduce adverse impacts of heat and prevention of forced maturity.
- 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.

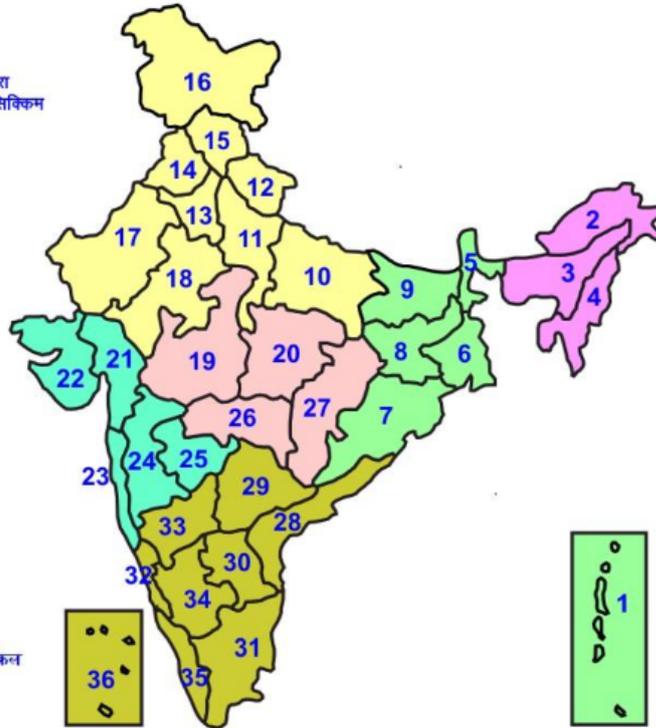
### Legends & abbreviations:

### 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  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $40^{\circ}\text{C}$

Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
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)

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

Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

For more details kindly visit <https://mausam.imd.gov.in> or contact 011-2434-4599

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