

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather systems, Forecast & Warnings:

Isolated to scattered light rainfall/snowfall likely over Jammu-Kashmir, Himachal Pradesh and Uttarakhand during 07th-13th March; **Fairly widespread** light rainfall/snowfall likely over Jammu-Kashmir on 11th March.

Isolated to Scattered light/moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-50 kmph)** likely over Jammu-Kashmir on 09th & 10th; Himachal Pradesh on 11th; Odisha during 07th-09th; Sub-Himalayan West Bengal & Sikkim during 08th-10th; Gangetic West Bengal & Bihar on 09th & 10th; Jharkhand during 09th-11th March; with **thunderstorm & lightning** over Jammu-Kashmir on 07th; Sub-Himalayan West Bengal & Sikkim on 11th; Arunachal Pradesh, Assam & Meghalaya during 09th-13th; Nagaland, Manipur, Mizoram & Tripura during 10th-13th and Kerala & Mahe, Coastal Andhra Pradesh & Yanam on 08th & 09th March.

Heat Wave and Hot & Humid weather Warnings:

- **Heat wave conditions** very likely in isolated pockets over Himachal Pradesh & Vidarbha on 07th & 08th; West Rajasthan on 10th & 11th March.
- **Hot & humid conditions** very likely to prevail in isolated pockets over Konkan on 09th; coastal areas of Gujarat Region on 09th & 10th; coastal areas of Saurashtra & Kutch during 09th-11th March.
- **Hot & humid conditions** very likely to prevail at many places over south & central Coastal Andhra Pradesh and adjoining districts of Rayalaseema and north Tamil Nadu with isolated **heat wave conditions** likely during 07th & 08th March.

Forecast of maximum temperatures:

- No significant change in maximum temperature likely over Western Himalayan region during next 3 days and gradual fall by 5-7°C during subsequent 4 days. Over the plains of Northwest India, gradual rise in maximum temperature by 2-3°C during next 5 days and no significant change during subsequent 2 days. **Hence, Maximum temperatures are likely to continue to be above normal by 8-10°C over many parts of Western Himalayan Region during next 3 days and decrease thereafter; by 5-7°C over plains of northwest and 4-6°C over adjoining Central India during the week.**
- Gradual rise in maximum temperatures by 2-3°C likely over Madhya Pradesh during next 24 hours and no significant change during subsequent 6 days.
- No significant change in maximum temperature likely over Vidarbha & Chhattisgarh during next 5 days and gradual rise by 2-3°C during subsequent 2 days.
- No significant change in maximum temperature likely over East India during next 3 days and gradual rise by 2-3°C during subsequent 4 days.
- Gradual rise in maximum temperatures by 2-3°C likely over Maharashtra and Gujarat State during next 4 days and no significant change during subsequent 3 days.
- No significant change in maximum temperature likely over South Peninsular India during next 5 days and gradual rise by 2-3°C during subsequent 2 days.
- No significant change in maximum temperatures likely over rest parts of the country.

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Main Weather Observations:

- **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at isolated places** over 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): **Kerala & Mahe**: Kollam Rly (dist Kollam), Konni (dist Pathanamthitta), Chavara AWS (dist Kollam) 3 Each; Konni ARG (dist Pathanamthitta) 1.
- **Heat wave to severe heat wave conditions** prevailed in isolated pockets over Himachal Pradesh and **Heat wave conditions** in isolated pockets over Coastal Andhra Pradesh.
- **Minimum Temperature Departures (as on 07-03-2026): markedly above normal (>5.0°C)** over Jammu-Kashmir, Himachal Pradesh, Punjab, Chandigarh, Uttar Pradesh, Bihar; appreciably above normal by 2-5°C over Uttarakhand, Haryana, Delhi, Madhya Pradesh, Jharkhand, Odisha, West Bengal & Sikkim, Assam & Meghalaya, Gujarat State, Konkan & Goa. It is near normal over rest parts of the country. **The lowest minimum temperature of 10.9°C** is reported at **Fatehpur_AWS (Rajasthan)** over the Plains of India.
- **Maximum temperatures Departures (as on 06-03-2026):** were markedly above normal(> 5.1°C) at most places over Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, Jammu-Kashmir-Ladakh and West Rajasthan; many places over East Rajasthan; at few places over Arunachal Pradesh, Assam & Meghalaya, West Uttar Pradesh and Coastal Andhra Pradesh & Yanam; at isolated places over Sub Himalayan West Bengal, West Madhya Pradesh, East Madhya Pradesh and Vidarbha; appreciably above normal (3.1°C to 5.0°C) at few places over Chhattisgarh, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand and Marathwada; at isolated places over East Uttar Pradesh, Gangetic West Bengal, Bihar, Saurashtra & Kutch, Madhya Maharashtra, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; above normal(1.6°C to 3.0°C) at many places over Gujarat Region and Konkan & Goa; at few places over Jharkhand and North Interior Karnataka; at isolated places over Odisha, South Interior Karnataka and Kerala & Mahe; and near normal over remaining parts of the country. The highest maximum temperature of **40.8°C** was reported at **Amravati (Vidarbha)**.

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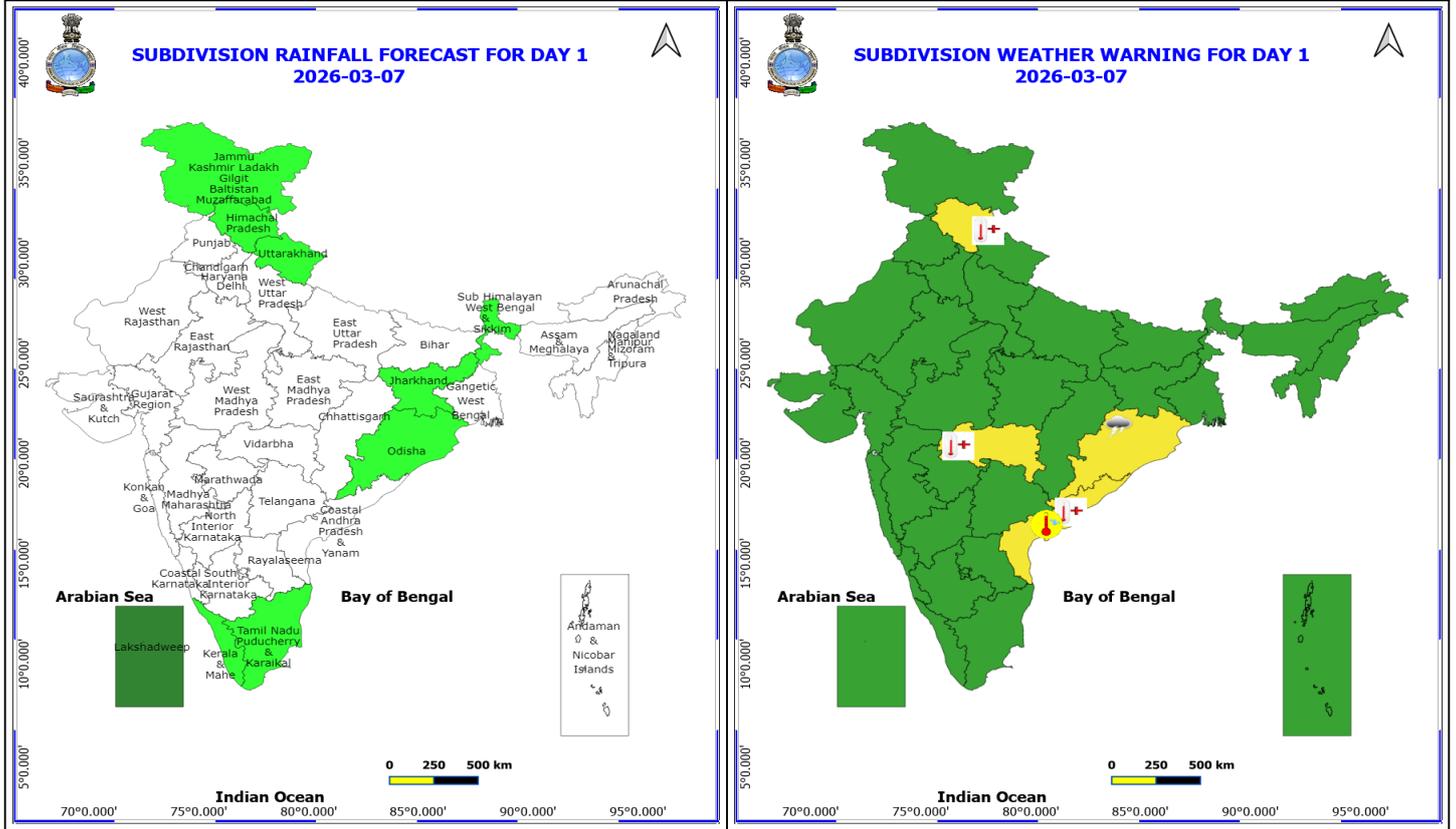
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Meteorological Analysis (Based on 0830 hours IST)

- The **upper air cyclonic circulation** over Odisha & neighbourhood extending upto 1.5 km above mean sea level persisted.
- The **trough** from the above cyclonic circulation over Odisha & neighbourhood to northwest Uttar Pradesh across north Chhattisgarh and northeast Madhya Pradesh at 0.9 km above mean sea level persists.
- Another **trough** from the above cyclonic circulation over Odisha & neighbourhood to coastal Karnataka across Telangana and Interior parts of Karnataka at 0.9 km above mean sea level persists.
- The **trough** roughly along Long. 88°E to the north of Lat. 20°N persists.
- The **upper air cyclonic circulation** over northwest Rajasthan lay over Haryana & neighbourhood at 0.9 km above mean sea level.
- **Subtropical westerly Jet Stream** with core winds of the order of 110 knots at 12.6 km above mean sea level continues to prevail over Northwest India.
- 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. 59°E to the north of Lat. 30°N.
- A fresh **Western Disturbance** is likely to affect Western Himalayan region from 09th March, 2026.
- The Western Disturbance as an upper air cyclonic circulation over Jammu and adjoining Pakistan has become less marked and the trough aloft in middle level tropospheric westerlies has moved away.

Weather Outlook for subsequent 3 days

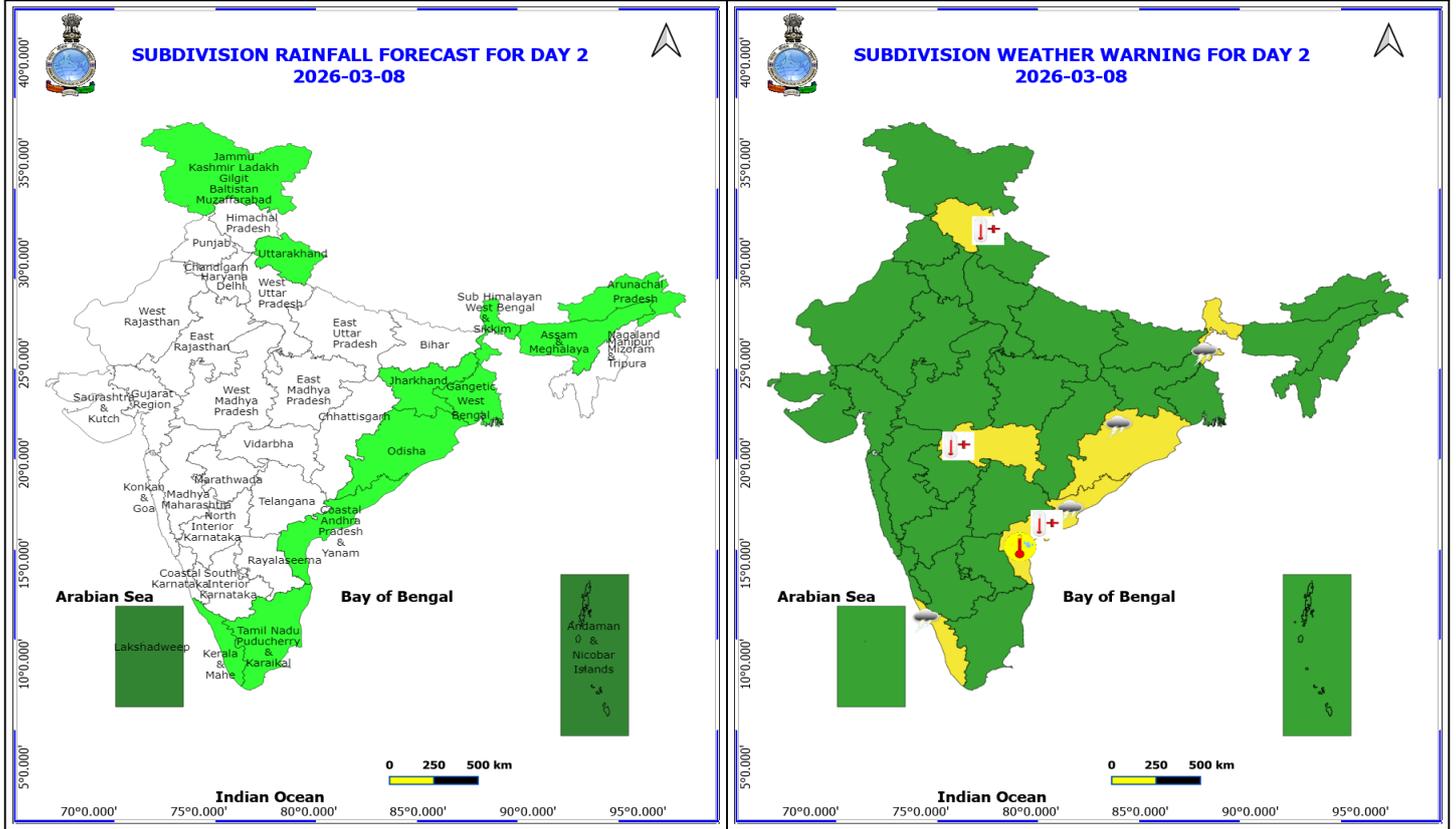
- Isolated to Scattered rainfall activity likely over Western Himalayan region, Kerala & Mahe and Sub-Himalayan West Bengal & Sikkim.
- Scattered to fairly widespread rainfall activity likely over Northeast India.



7 March (Day 1)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Odisha.
- ❖ **Heat Wave conditions** very likely at isolated places over Coastal Andhra Pradesh, Himachal Pradesh and Vidarbha.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh.

No Fishermen Warning

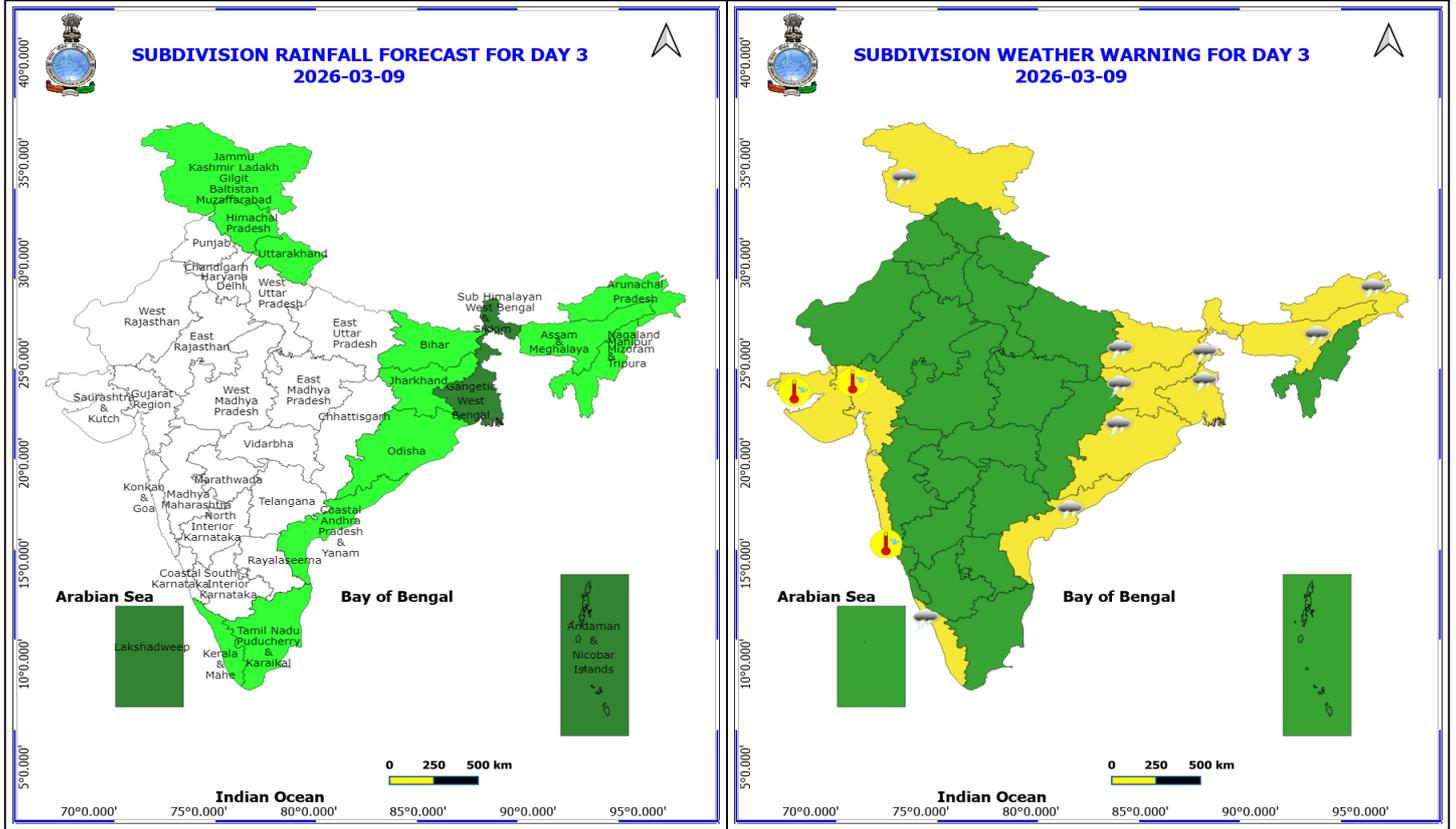


8 March (Day 2)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Andhra Pradesh and Kerala & Mahe.
- ❖ **Heat Wave conditions** very likely at isolated places over Coastal Andhra Pradesh, Himachal Pradesh and Vidarbha.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh.

No Fishermen Warning

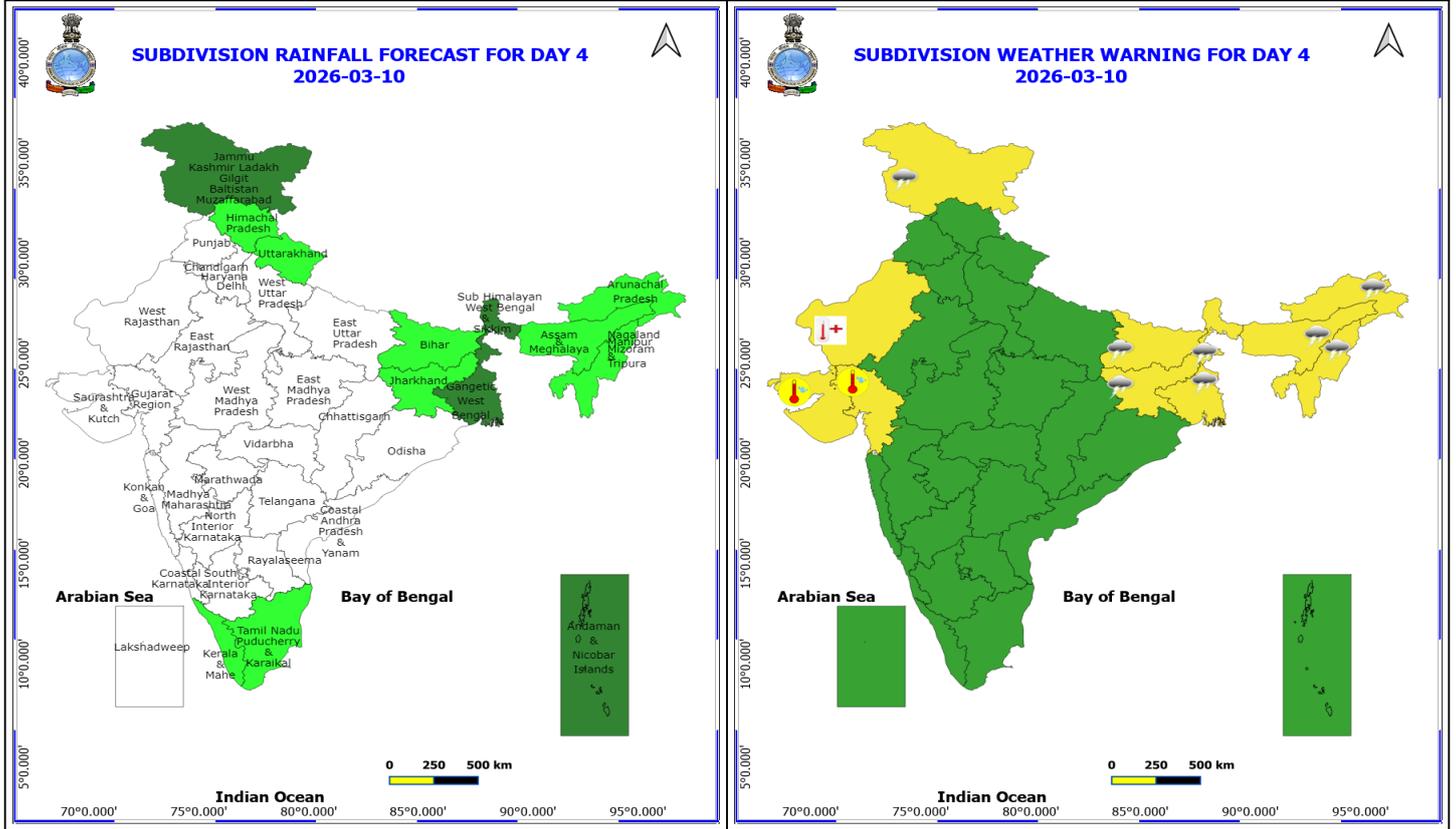
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9 March (Day 3)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Odisha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Jharkhand and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Andhra Pradesh and Kerala & Mahe.
- ❖ **Hot and Humid weather** very likely at isolated places over Gujarat State and Konkan & Goa.

No Fishermen Warning



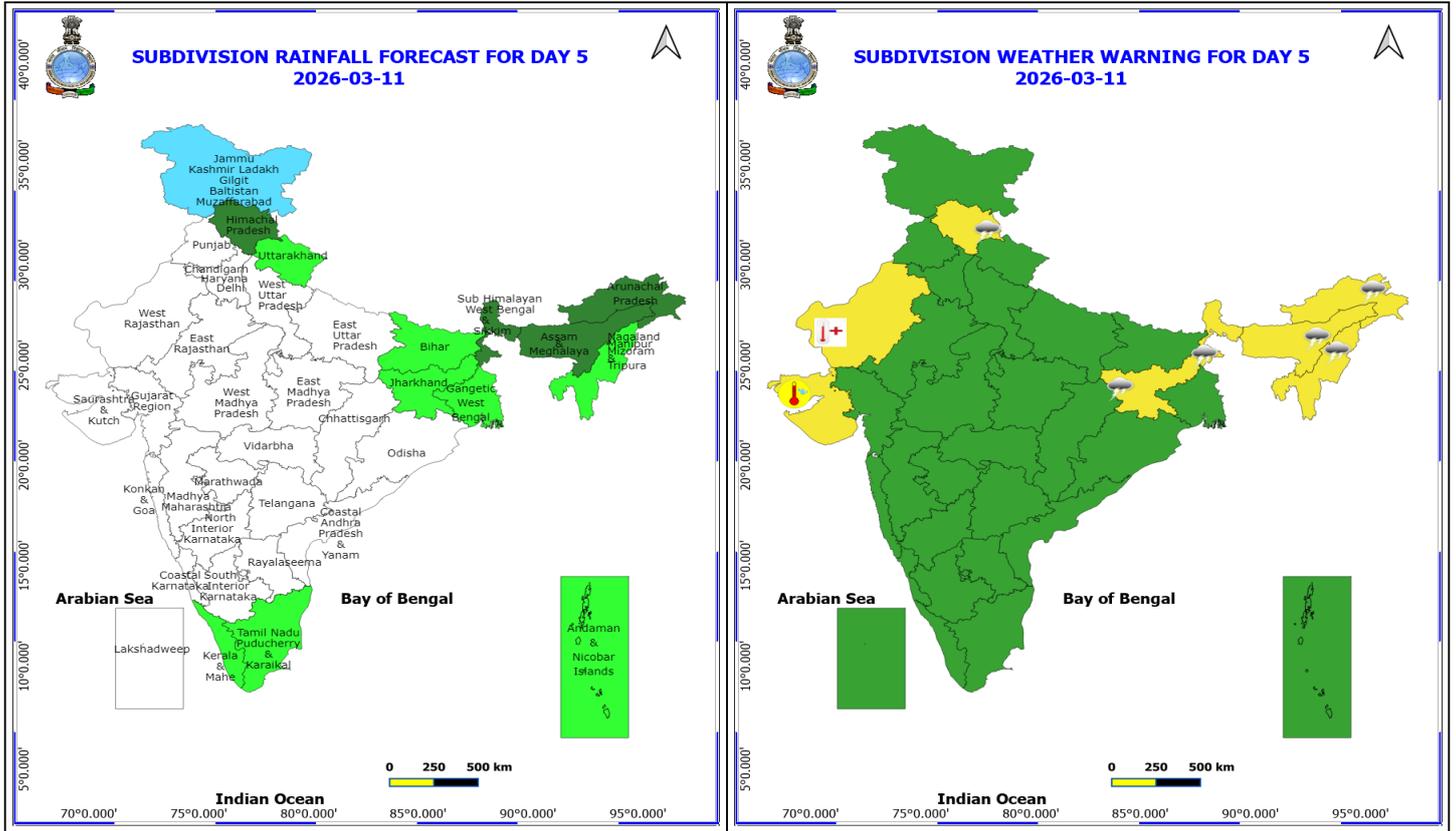
10 March (Day 4)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Bihar.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Heat Wave conditions** likely at isolated places over West Rajasthan.
- ❖ **Hot and Humid weather** likely at isolated places over Gujarat State.

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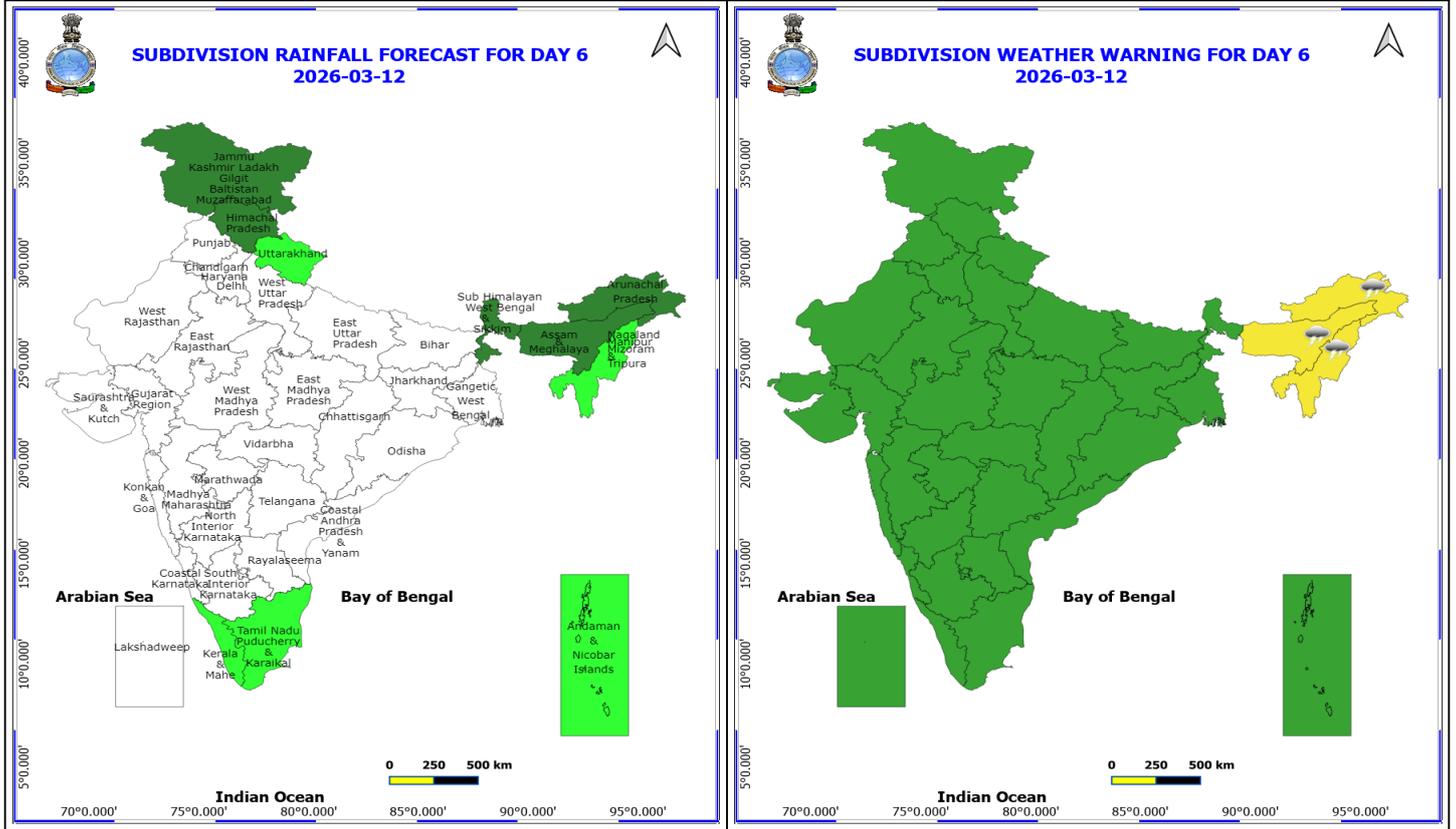
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11 March (Day 5)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Himachal Pradesh and Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heat Wave conditions** likely at isolated places over West Rajasthan.
- ❖ **Hot and Humid weather** likely at isolated places over Saurashtra & Kutch.

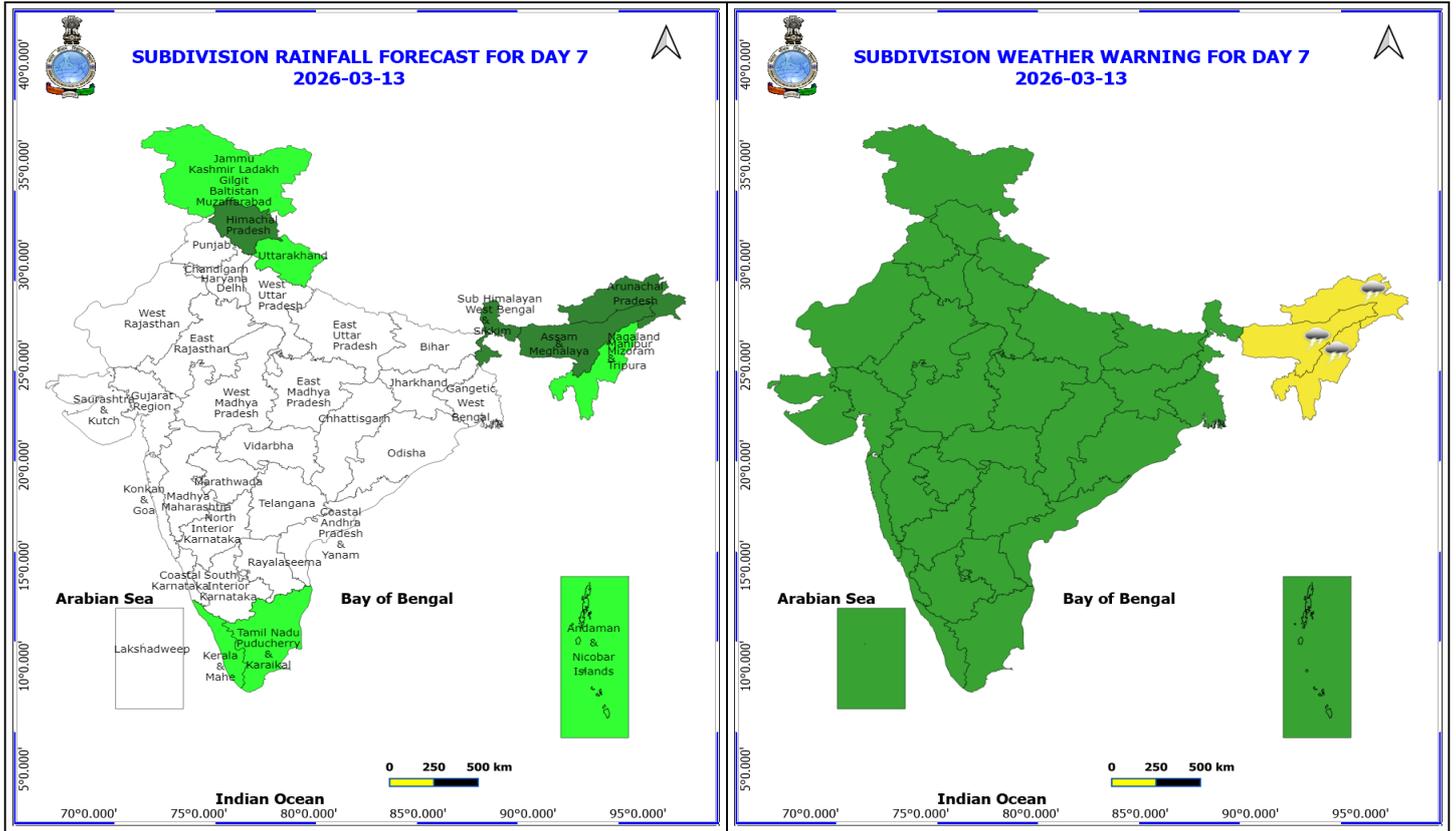
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12 March (Day 6)

❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning



13 March (Day 7)

❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	7- Mar	8- Mar	9- Mar	10- Mar	11- Mar	12- Mar	13- Mar
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	DRY	SCT	SCT	SCT	ISOL	ISOL	ISOL
2	ARUNACHAL PRADESH	DRY	ISOL	ISOL	ISOL	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	DRY	ISOL	ISOL	ISOL	SCT	SCT	SCT
4	N. M. M. & T.	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
5	S.H. WEST BENGAL & SIKKIM	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
6	GANGETIC WEST BENGAL	DRY	ISOL	SCT	SCT	ISOL	DRY	DRY
7	ODISHA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
8	JHARKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
9	BIHAR	DRY	DRY	ISOL	ISOL	ISOL	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
13	HARYANA, CHD & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	ISOL	DRY	ISOL	ISOL	SCT	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	ISOL	ISOL	ISOL	SCT	FWS	SCT	ISOL
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
35	KERALA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
36	LAKSHDWEEP	SCT	SCT	SCT	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 2026-03-06

Fig. 2: Departure of Maximum Temp. Dated 2026-03-06

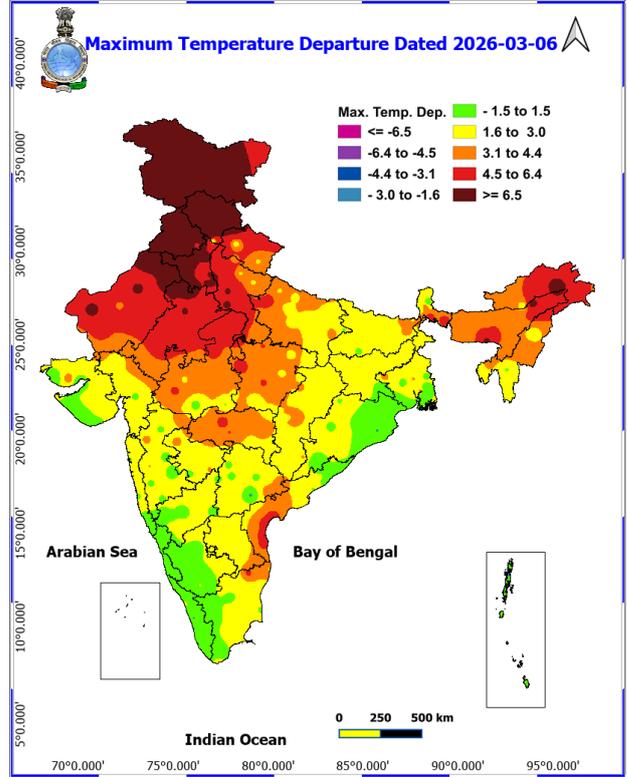
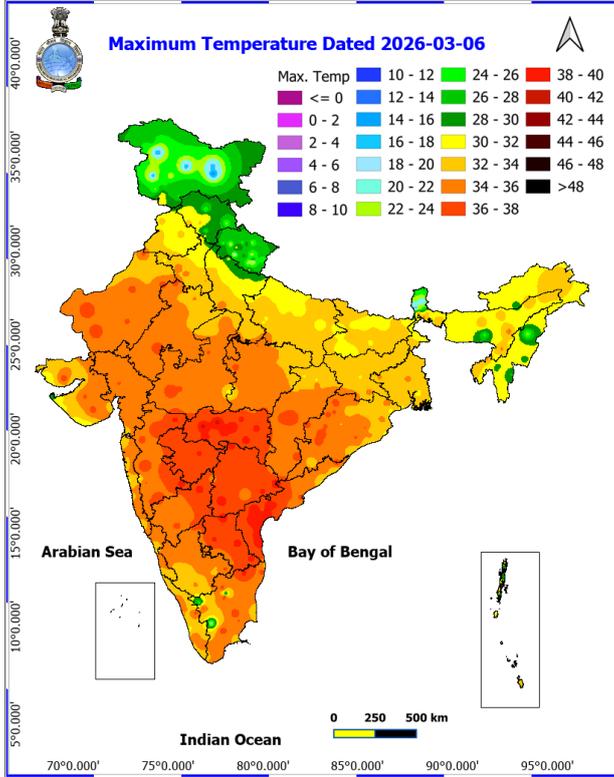
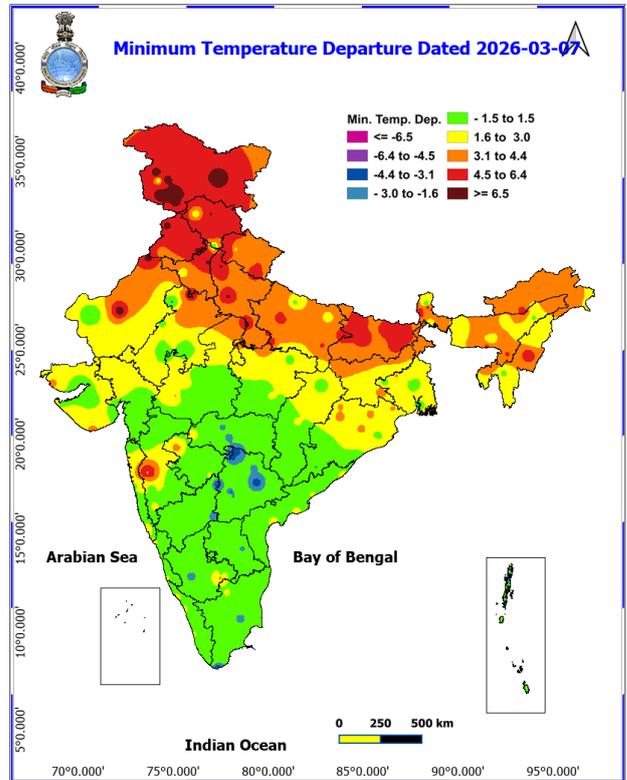
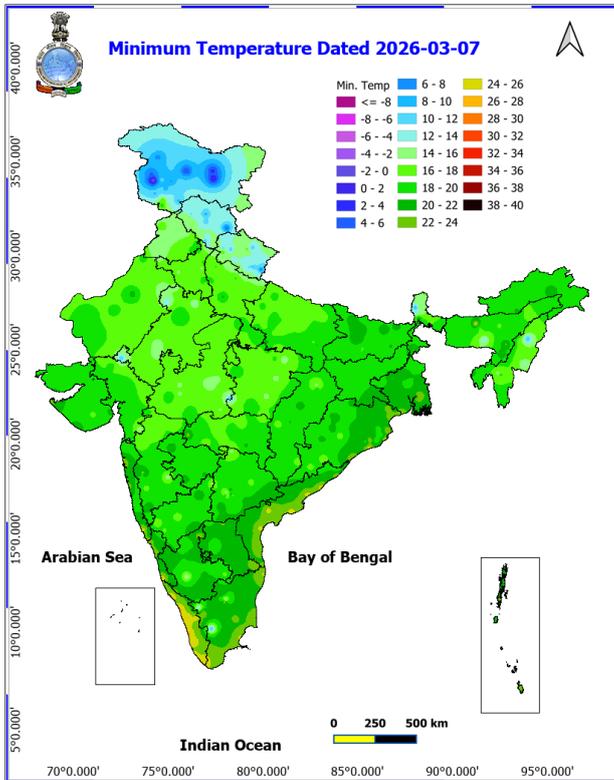
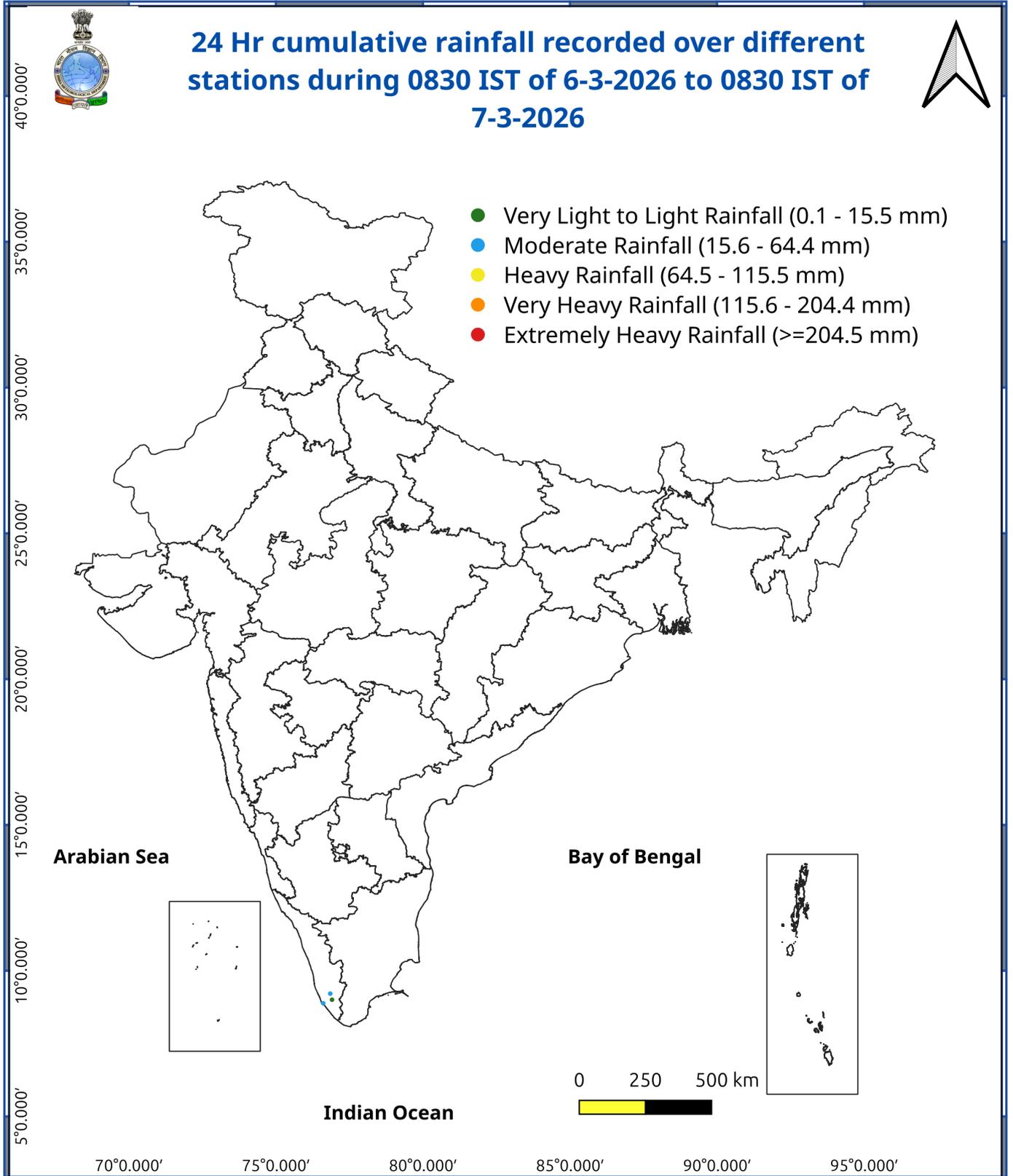


Fig. 3: Minimum Temperatures Dated 2026-03-07

Fig. 4: Departure of Minimum Temp. Dated 2026-03-07



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Agromet advisories for various parts of the country

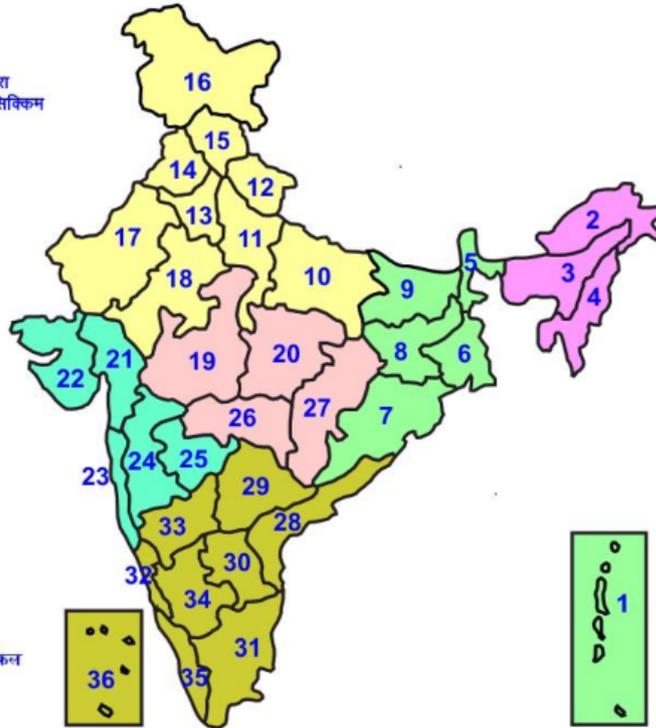
- In **Jammu and Kashmir**, apply light irrigation to wheat, mustard and vegetables.
- In **Himachal Pradesh**, provide protective irrigation to wheat and early vegetables. Maintain ventilation in polyhouses for capsicum and tomato.
- In **Punjab**, maintain optimum soil moisture through irrigation in 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 **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.
- In **Gujarat**, apply light irrigation in wheat (grain filling stage), chickpea and cumin.
- In **Maharashtra**, apply irrigation at frequent intervals to reduce premature fruit drop and sun scorching in mango and undertake pre-harvest bagging of mango fruits using newspaper bags to prevent sun scalding in **Konkan**. Apply irrigation in late sown *rabi* crops like wheat, groundnut, sesame, safflower, sorghum, orchards and vegetables as per requirement and use straw mulch to reduce evaporation losses in **Vidarbha**.
- In **Madhya Pradesh**, provide light and frequent irrigation in wheat and chickpea during critical stages. Complete harvesting of matured mustard during morning/evening hours and keep the produce in safe places.
- In **Chhattisgarh**, provide **light and frequent irrigation** in standing crops such as **wheat, chickpea, lentil and mustard** to minimize heat stress and maintain adequate soil moisture.
- In **Arunachal Pradesh**, provide **regular irrigation to winter vegetables (cabbage, cauliflower, tomato)** during early morning or evening hours. Undertake **harvesting of matured mustard crops** and keep harvested produce in safe places.
- **Ø** In **East Assam**, maintain **optimum water level (2–5 cm) in Boro rice fields**.
- In **Andhra Pradesh**, apply light irrigation in *rabi* maize, groundnut, and pulses to avoid moisture stress. Apply mulching or light watering to conserve soil moisture in standing *rabi* crops under dry and sunny conditions. Maintain a standing water depth of about 5 cm in the main field during the tillering stage in rice.
- In **Telangana**, apply light irrigation in standing crops and vegetables.
- 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.

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)

*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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