



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 11th April 2026
Time of Issue: 1345 hours IST

**Subject: (i) No significant weather likely over northwest, central & East India during next one week.
(ii) Gradual rise in maximum temperatures likely over Northwest India by 6-8°C; 3-5°C over East India and Central India during the week. As a result, maximum temperatures are likely to be above normal over these region after 2 days.**

Realised weather during past 24 hours ending at 0830 hours IST of today, the 11th April, 2026:

- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed **50-70** prevailed at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Tamil Nadu, Puducherry & Karaikal
- ❖ **Thunderstorm accompanied with Gusty winds** with speed **30-50** prevailed at isolated places over Arunachal Pradesh, Jharkhand, Bihar, Madhya Pradesh, Chhattisgarh, Maharashtra, Gujarat State.
- ❖ **Strong Surface wind** prevailed at isolated places over Himachal Pradesh, Uttarakhand, Punjab, Haryana.

Temperature Conditions during past 24 hours till 0830 hours IST of today:

- ❖ **Maximum/day temperatures** were in the range (34°C- 41°C): Over the most part of the country except Western Himalayan region & adjoining plains of Northwest India and Northeast India. **The highest maximum temperature of 41.4°C was reported at Kurnool (Andhra Pradesh).**
- ❖ **Maximum Temperatures/day temperatures** were markedly above normal (> 5.1°C) at isolated places over Saurashtra & Kutch. appreciably above normal (3.1°C to 5.0°C) at few places over Kerala & Mahe; at isolated places over Gujarat Region, Konkan & Goa, Telangana and Tamil Nadu, Puducherry & Karaikal. above normal (1.6°C to 3.0°C) at few places over Coastal Andhra Pradesh & Yanam and Lakshadweep; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and North Interior Karnataka. near normal (-1.5°C to 1.5°C) remaining parts of the country.
- ❖ **Minimum/night temperatures were in the range of 12-18°C** over Punjab, Haryana Chandigarh & Delhi, Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Odisha, Jharkhand, Assam & Meghalaya, Mizoram. They were in the range of **18-25°C** over remaining parts of the plains of the country. **Today, the lowest minimum temperature of 14.2 °C is observed at Najibabad (West Uttar Pradesh) over the plains of India.**
- ❖ **Minimum/night Temperature were above normal (1.6°C to 3.0°C)** over Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, Rayalaseema, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal; below **normal (-1.6°C to -3.0°C)** over Jammu, Kashmir, Himachal Pradesh, Haryana Chandigarh & Delhi, Uttar Pradesh, Assam & Meghalaya, Bihar and near normal over rest parts of the country.

Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- ❖ The **Western Disturbance as a cyclonic circulation** over north Pakistan & adjoining Jammu in lower tropospheric level, with a **trough** aloft in middle level subtropical westerlies runs roughly along Long. 70°E to the north of Lat. 31°N.
- ❖ A **trough** runs north Bihar to Manipur in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over Marathwada & neighbourhood in lower tropospheric levels.
- ❖ A **north-south trough/wind discontinuity** from interior Odisha to Gulf of Mannar in lower tropospheric levels.
- ❖ A **trough** runs northeast Bihar to Coastal Gangetic West Bengal in lower tropospheric levels.
- ❖ A **trough** runs in lower tropospheric levels roughly along Long. 93°E to the north of Lat. 20°N.
- ❖ A fresh feeble **Western Disturbance** is likely to affect Western Himalayan Region from 15th April, 2026.

Under the influence of above systems, the following weather is likely:

Northeast India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds** (speed reaching 30-50) likely over Assam & Meghalaya during 11th-14th April; with lightning over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 10th-15th April.

❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 14th April.

East India:

❖ **Isolated to Scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 30-40 **gusting** to 50 kmph) likely over Sub-Himalayan West Bengal & Sikkim on 11th & 12th; Odisha on 11th April.

South Peninsular India:

Isolated light to moderate rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 30-40 **gusting** to 50 kmph) likely over North Interior Karnataka on 14th & 15th; South Interior Karnataka during 13th -15th and Coastal Andhra Pradesh & Yanam on 11th with lightning over Kerala & Mahe during 11th -13th; Coastal Karnataka during 13th -15th April.

No significant weather over remaining parts of the country

Forecast of maximum/day temperatures:

- ❖ Gradual rise in maximum temperatures likely over Northwest India by 6-8 °C during 11th -17th April.
- ❖ Gradual rise in maximum temperatures likely over Central India by 3-5°C likely till 14th April and no significant change during 15th -17th April.
- ❖ Gradual rise in maximum temperatures likely over East India by 3-5°C likely till 15th April and no significant change on 16th & 17th April
- ❖ Gradual rise in maximum temperatures likely over Gujarat State by 2-3 °C till 12th April and no significant change during 13th -17th April.
- ❖ Gradual rise in maximum temperatures likely over Maharashtra by 2-3 °C till 15th April and no significant change on 16th & 17th April.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Heat wave and Hot & Humid weather warning:

- ❖ **Heat wave conditions very likely** in isolated pockets of Chhattisgarh during 14th - 17th April; Odisha during 13th - 14th; East Madhya Pradesh 16th & 17th April.
- ❖ **Hot & humid conditions** very likely to prevail in isolated pockets over Gangetic West Bengal during 14th - 17th; Odisha, Saurashtra & Kutch, Rayalaseema and Coastal Andhra Pradesh & Yanam during 11th- 17th; Coastal Karnataka, Tamil Nadu, Puducherry & Karaikal on 11th & 12th; Gujarat Region 12th -17th; Jharkhand during 14th -17th April.

Weather conditions and forecast over Delhi/NCR during 11th-14th April, 2026 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Kerala & Mahe:** Ayyankunnu AWS (dist Cannur) 4; Taliparamba (dist Cannur), Kayamkulam (dist Alapuzha), Trivandrum AP (dist Thiruvananthapuram), Myladumpara ARG (dist Idukki) 3 Each; Kumarakam (dist Kottayam), Neryamangalam ARG (dist Ernakulam), Panniyoor ARG (dist Cannur), Vadakara AWS (dist Kozhikode) 2 Each;
- ❖ **Assam & Meghalaya:** Barpathar (dist Golaghat) 4; Haflong (dist Dima Hasao) 2; **Andaman & Nicobar Islands:** Nancowry (dist Nicobar) 3;
- ❖ **Sub Himalayan West Bengal & Sikkim:** Gangtok (dist Gangtok), Jhallong (dist Kalimpong) 2 Each;
- ❖ **South Interior Karnataka:** Maddur (dist Mandya) 2;
- ❖ **Odisha:** Mohakalapada (dist Kendrapara) 2;
- ❖ **Arunachal Pradesh:** Naharlagun AWS (dist Papumpara) 2.

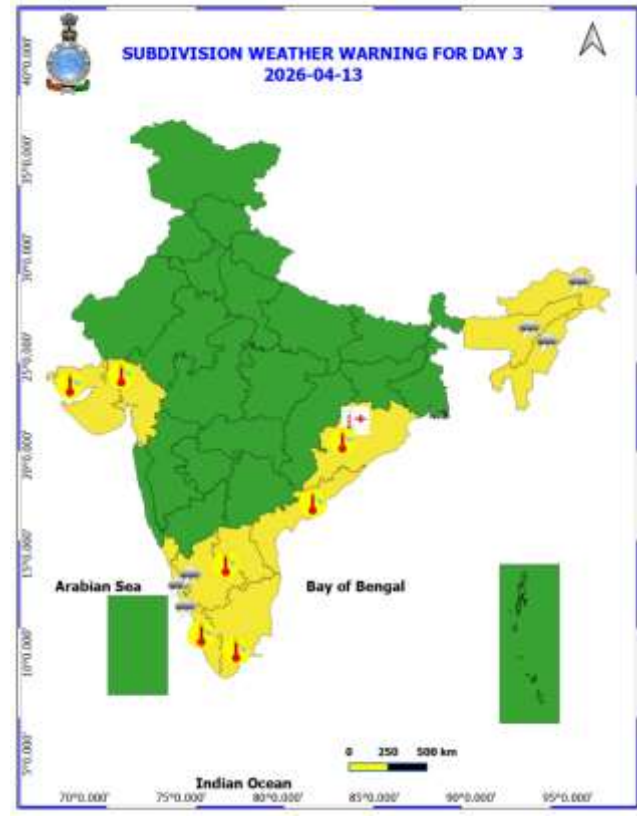
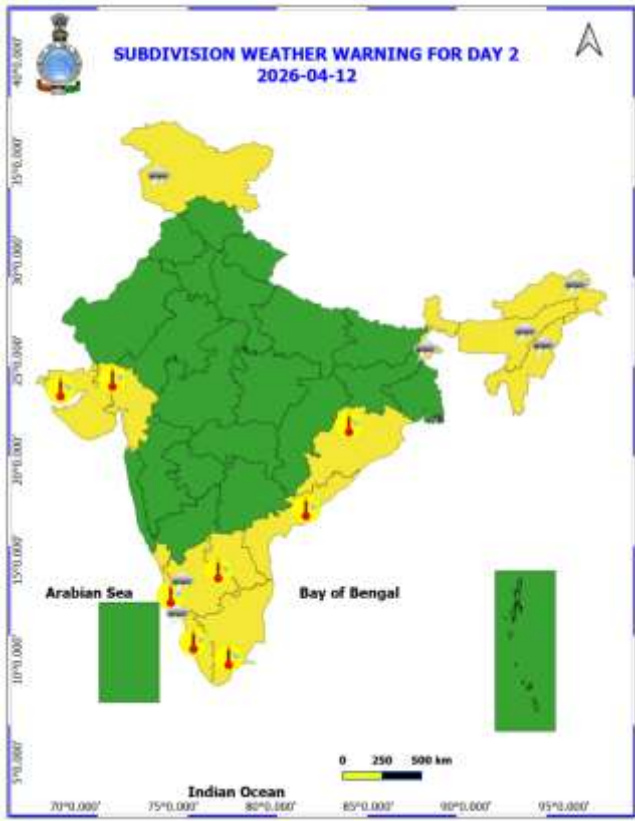
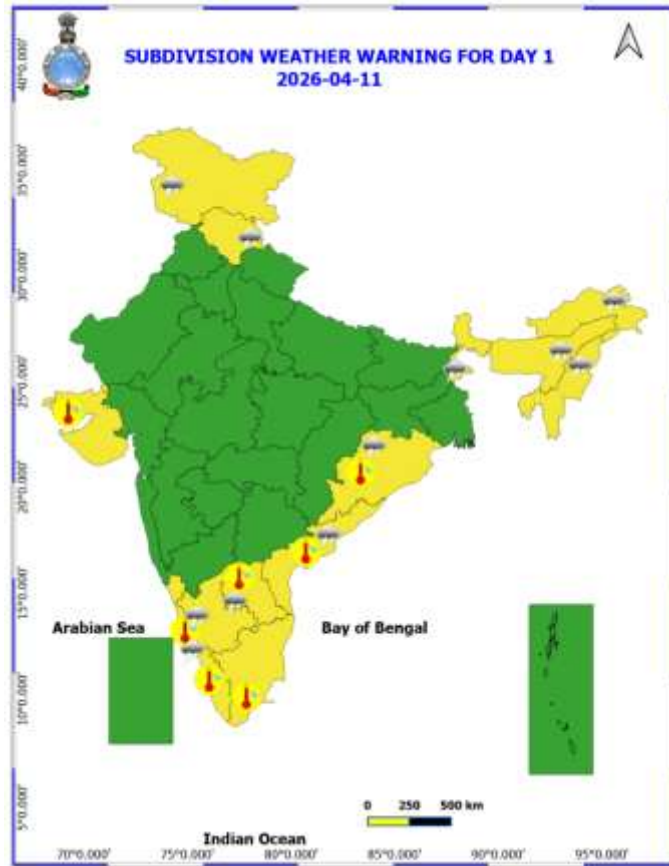
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

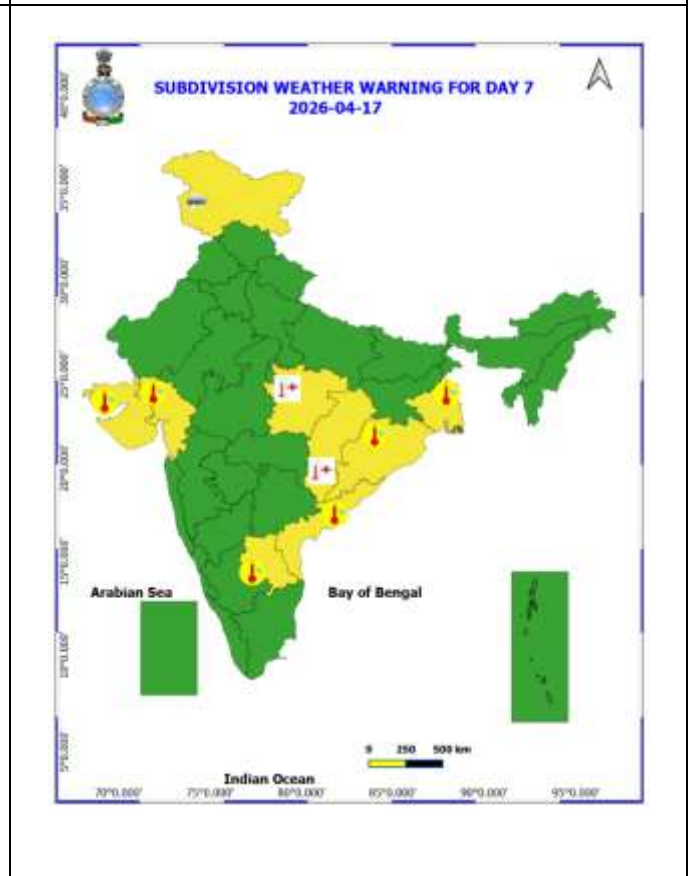
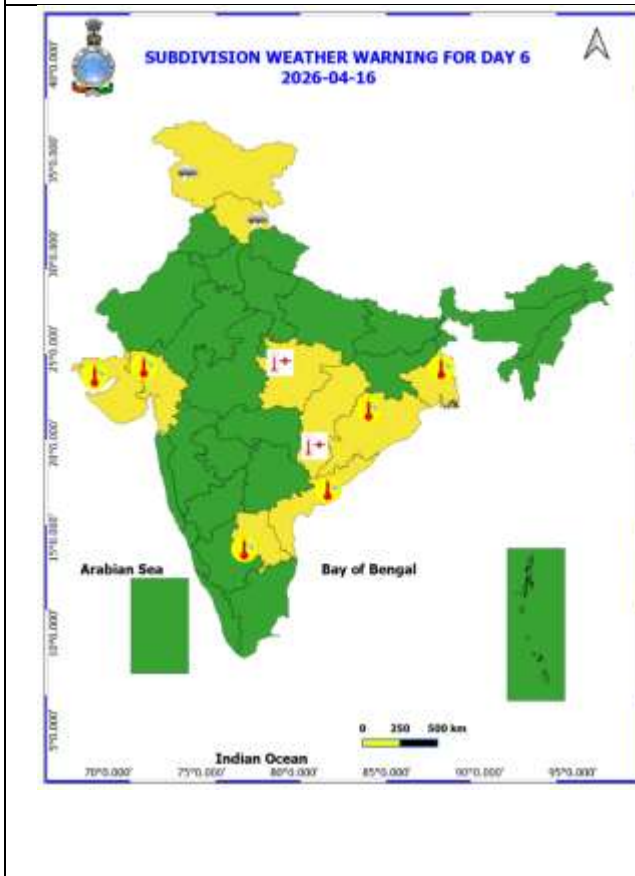
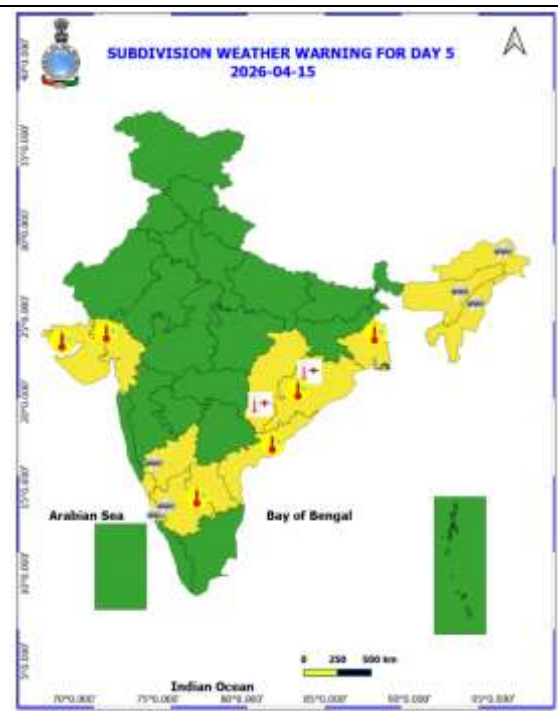
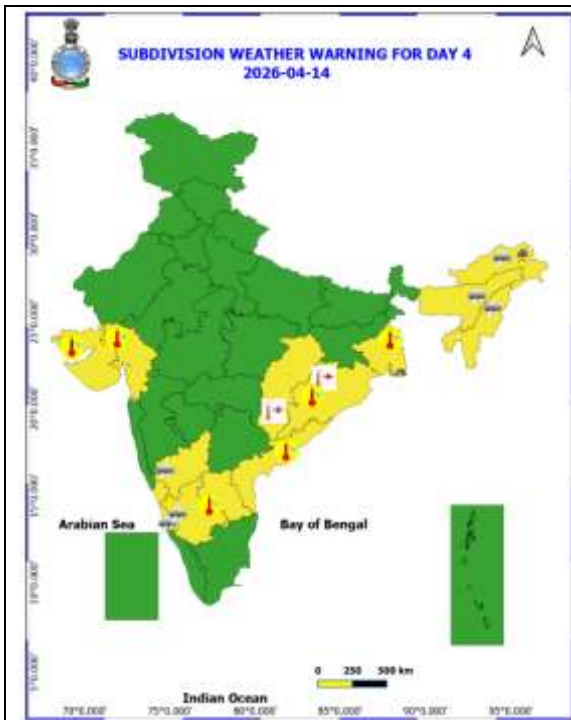
- ❖ **Assam & Meghalaya:** Manas 67, Karimganj_Amfu 44, Haflong_Aegcl 39, Garukhuti 35, Habang_Circle 31, Algapur_Circle 31, Nalbari_Kvk 31, Shillong 41
- ❖ **Arunachal Pradesh:** Lowertato 35
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** Jalukie 38, Kamjong 54, Moreh 46, Geljang_Resort 41, Chakpikarong 35, Khoupum 35
- ❖ **Jharkhand:** Barhi 43
- ❖ **Bihar:** IIT Patna, Arwal 50
- ❖ **Himachal Pradesh:** Tabo 57
- ❖ **Uttarakhand:** Pantnagar 37
- ❖ **Punjab:** Sangrur 39
- ❖ **Haryana:** Ujha (Panipat) 44; Karnal 43; Jind 39
- ❖ **West Madhya Pradesh:** Hosanagabad 41, Sehore 37, Ashoknagar 35, Morena 33, Guna 31, Agar 30
- ❖ **East Madhya Pradesh:** Sagar 37, Katni 33, Satna 33, Shadol 31, Sidhi 31
- ❖ **Chhattisgarh:** Koriya 37
- ❖ **Konkan & Goa:** Devgad(Sidhudurg) 35
- ❖ **Madhya Maharashtra:** Sahada(Nandurbar) 31
- ❖ **Marathawada:** Dharashiv 30
- ❖ **Gujarat Region:** Arnej (Ahmedabad) 41
- ❖ **Saurashtra & Kutch:** Bhachau Amfu(Kutch) 40
- ❖ **West Uttar Pradesh:** Hindon 48, Bareilly 46, Saharanpur 46, Gb Nagar 46, Muzaffarnagar 44, Saharanpur 43, Noida 37, Agra 37
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Natham ISRO (Dindigul) 50

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S.No.	Subdivision	11- Apr	12- Apr	13- Apr	14- Apr	15- Apr	16- Apr	17- Apr
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
2	ARUNACHAL PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
3	ASSAM & MEHGHALAYA	SCT	SCT	FWS	FWS	FWS	FWS	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	SCT	SCT	SCT	SCT	SCT	SCT	SCT
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	SCT	SCT	ISOL	SCT	SCT	SCT	ISOL
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
7	ODISHA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	DRY	DRY	DRY	DRY	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	DRY	DRY	DRY	ISOL	ISOL
13	HARYANA, CHANDIGARH & DELHI	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	SCT	ISOL	DRY	DRY	DRY	SCT	ISOL
17	WEST RAJASTHAN	ISOL	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	ISOL	DRY	DRY	DRY	DRY	DRY	ISOL
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	DRY	DRY	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	DRY	DRY	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA AND MAHE	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
36	LAKSHADWEEP	SCT	DRY	DRY	DRY	DRY	DRY	DRY

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Detailed district-wise Multi-Hazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 11th April to 14th April 2026**Past Weather:**

There has been rise in maximum temperatures and minimum temperatures up to 2-3°C during past 24 hours over Delhi. The maximum temperatures were in the range of 32-34°C and the minimum temperatures are in the range 17-19°C, respectively during past 24 hours over Delhi. The minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at a few places and below normal (-1.6°C to -3.0°C) at many places over Delhi. The maximum temperatures were appreciably below normal (-3.1°C to -5.0°C) at isolated places, below normal (-1.6°C to -3.0°C) at a few places and normal (-1.5°C to 1.5°C) at remaining places over Delhi. Mainly clear sky with surface wind speeds up to 20 kmph gusting to 36 kmph prevailed from west direction over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 20 kmph likely to prevail from northwest direction over the region in the forenoon today.

Weather Forecast:

11.04.2026: Mainly clear sky. Strong surface wind speed reaching 15-25 kmph occasionally gusting to 35 kmph during the daytime. The maximum temperatures over Delhi are likely to be in the range of 34°C to 36°C. The maximum temperatures will be below normal (-1.5°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will gradually decrease becoming less than 15 kmph from the northwest direction during evening and night.

12.04.2026: Mainly clear sky. Strong surface wind speed reaching 15-25 kmph occasionally gusting to 35 kmph during the daytime. The maximum and minimum temperatures over Delhi are likely to be in the range of 35°C to 37°C and 18°C to 20°C respectively. The minimum temperature will be below normal (-1.5°C to -3.0°C) at most places, and maximum temperatures will be near normal (1.5°C to -1.5°C) at most places over Delhi. The predominant surface wind is likely to be from northwest direction with surface wind speed reaching up to 20 kmph during the morning hours. The wind speed will increase becoming less than 22 kmph from northwest direction during the afternoon. The wind speed gradually decreases becoming less than 15 kmph from the northwest direction during evening and night.

13.04.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 36°C to 38°C and 19°C to 21°C respectively. The minimum temperature will be below normal (-1.5°C to -3.0°C) at most places, and the maximum temperature will be near normal (-1.5 to 1.5°C) over Delhi. The predominant surface wind is likely to be from the northwest direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will increase up to 20 kmph from northwest direction during the afternoon. The surface wind speed will gradually decrease becoming less than 15 kmph from the north direction during evening and night.

14.04.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 20°C to 22°C respectively. The minimum temperature will be below normal (-1.5°C to -3.0°C) at most places, and the maximum temperature will be above normal (1.5 to 3.0°C) at most places over Delhi. The predominant surface wind is likely to be from northwest direction with surface wind speed reaching up to 18 kmph during the morning hours. The wind speed will increase becoming up to 22 kmph from the northwest direction in the afternoon. The surface wind speed will gradually decrease becoming less than 15 kmph from the northwest direction during evening and night.

Impact Expected & Action Suggested due to heavy rainfall over

- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 14th April.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- 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 likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, harvest cabbage, pea, mustard, late-maturing paddy varieties & potatoes carefully and shift the harvested produce to safe places. Ensure proper drainage channels in the fields of rice, maize, other standing crops, vegetables and orchards.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **Odisha**, provide light irrigation to *Boro* paddy, summer maize, green gram, black gram, groundnut and vegetables fields. Maintain appropriate soil moisture in mango and cashew.
- In **Chhattisgarh**, complete harvesting of wheat and chickpea and ensure safe storage. Irrigate summer maize, green gram and vegetables. Maintain soil moisture in mango and litchi.
- In view of hot and humid weather in, **Tamil Nadu, Kerala, Andhra Pradesh, Coastal Karnataka, Odisha and Gujarat** State, apply light irrigation to summer crops and vegetables.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface 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.

Livestock / Poultry

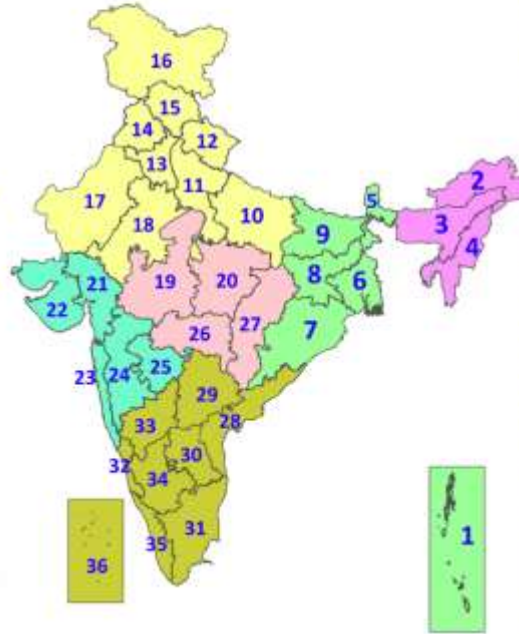
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Legends & abbreviations:

- ❖ **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **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, Coastal Maharashtra (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 द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और 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. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & 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. Marathwada
26. Vidarbha
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)

- | | | |
|----------------------|----------------------|--------------|
| Fog | Heavy Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |

COLOUR CODED WARNING

No Warning (No Action)
Watch (Be Aware)
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

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(Service to the Nation since 1875)

DEFINITION/CRITERIA

Rain/ Snow *	<p>Heavy: 64.5 to 115.5 mm/cm *</p> <p>Very Heavy: 115.6 to 204.4 mm/cm*</p> <p>Extremely Heavy: > 204.4 mm/cm *</p>
Heat Wave	<p>When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions</p> <p>(a) Based on Departure from normal</p> <p>Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C.</p> <p>Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$</p> <p>(b). Based on Actual maximum temperature</p> <p>Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.</p> <p>Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$</p> <p>(c). Criteria for heat wave for coastal stations</p> <p>When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$</p>
Warm Night	<p>When maximum temperature remains 40°C</p> <p>Warm Night: When minimum temperature departure 4.5°C to 6.4°C.</p> <p>Severe Warm Night: When minimum temperature departure $>6.4^{\circ}\text{C}$.</p>
Cold Wave	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.</p> <p>(a). Based on departure</p> <p>Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p> <p>(b) Based on actual Minimum Temperature (for Plains only)</p> <p>Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$</p> <p>Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$</p> <p>(c) For Coastal Stations</p> <p>When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$</p>
Cold Day	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions</p> <p>Based on departure</p> <p>Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p>
Fog	<p>Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$</p> <p>Moderate Fog: When the visibility between 500-200 metres</p> <p>Dense Fog: when the visibility between 50- 200 metres</p> <p>Very Dense Fog: when the visibility < 50 metres</p>
Thunderstorm	<p>Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)</p>
Dust/Sand Storm	<p>An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.</p>
Frost	<p>Ice deposits on ground</p> <p>Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)</p>
Squall	<p>A strong wind that rises suddenly, lasts for atleast 1 minute.</p> <p>Moderate: Wind speed 52-61 kmph</p> <p>Severe: Wind speed 62-67 kmph</p> <p>Very Severe: Wind speed >67 kmph</p>
Sea State	<p>Effect of various waves in the sea over specific area</p> <p>Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre</p> <p>High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre</p> <p>Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre</p>
Cyclone	<p>Cyclonic Storm: Wind speed 62-67 kmph (34-47 knots)</p> <p>Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)</p> <p>Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)</p> <p>Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)</p> <p>Super Cyclone Storm: Wind speed >220 kmph (>119 knots)</p>

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