



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 13th April 2026
Time of Issue: 1330 hours IST

Subject:(i) No significant weather likely over northwest, central & east India during next one week.
(ii) Isolated Heavy rainfall with lightning and thunderstorm very likely over Sikkim on 14th; over Arunachal Pradesh on 14th, 18th & 19th and over Assam & Meghalaya during 17th - 19th April.
(iii) Gradual rise in maximum temperatures likely over Northwest, Central & East India by 4-6°C during next 5 days. Maximum temperatures are likely to be become above normal over these regions from tomorrow, the 14 April, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 13th April, 2026:

- ❖ **Heavy Rainfall** reported at isolated places over Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed **50-70** prevailed at isolated places over Tamil Nadu, Saurashtra & Kutch, Assam & Meghalaya; with speed **30-50** prevailed at isolated places over Coastal Maharashtra, Madhya Maharashtra, Punjab, Uttar Pradesh, Manipur, Chhattisgarh, West Madhya Pradesh, Haryana, East Madhya Pradesh, Uttarakhand, Bihar, Jharkhand and Arunachal Pradesh.

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

- ❖ **Maximum/day temperatures** were in the range of 38°C-43°C at many places over the country except parts of northwest and northeast India where these are less than 38°C. **The highest maximum temperature of 43.1°C was reported at Akola (Maharashtra).**
- ❖ **Maximum Temperatures/day temperatures** were appreciably above normal (3.1°C to 5.0°C) at few places over Konkan & Goa; at isolated places over West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. above normal (1.6°C to 3.0°C) at many places over North Interior Karnataka and Kerala & Mahe; at few places over Gujarat Region, Marathwada and Coastal Karnataka; at isolated places over Gangetic West Bengal, Odisha, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana and Rayalaseema near normal over rest parts of the country
- ❖ Yesterday, the Maximum temperature has shown **Rising tendency** by **2-4°C** over East Madhya Pradesh, North Chhattisgarh, Southeast Uttar Pradesh, Interior Odisha, Jharkhand, Gangetic West Bengal, Jammu-Kashmir, South Haryana, Kutch; **Falling tendency** by **2-4°C** over Northeast Assam & adjoining Arunachal Pradesh and no significant change over the rest parts of the country.
- ❖ **Minimum/night temperatures were in the range of 13-19°C** over Punjab, Haryana Chandigarh & Delhi, Rajasthan, Uttar Pradesh, Madhya Pradesh, North Chhattisgarh, Sub-Himalayan West Bengal, Assam & Meghalaya, Mizoram. They were in the range of **20-26°C** over remaining parts of the plains of the country. **Today, the lowest minimum temperature of 15.2 °C is observed at Chandigarh over the plains of India.**
- ❖ **Minimum/night Temperature** were appreciably above normal (3.1°C to 5.0°C) at isolated places over Saurashtra Kutch; above normal (1.6°C to 3.0°C) at isolated places over Gujrat Region, Uttar Pradesh, Maharashtra, Telangana, Karnataka, Tripura; appreciably below normal (-5.0°C to -3.1°C) at isolated places over Haryana Chandigarh & Delhi, East Rajasthan ; below normal (-3.0°C to -1.6°C) at isolated places over Jammu Kashmir, Himachal Pradesh, Punjab, Assam, Madhya Pradesh & near normal over rest parts of the country.

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

- ❖ An **upper air cyclonic circulation** lies over southeast Pakistan adjoining Rajasthan in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over northeast Bihar & neighbourhood in lower tropospheric levels.
- ❖ An **East-West trough** runs from northeast Uttar Pradesh to Manipur across the cyclonic circulation over northeast Bihar, northern parts of Gangetic West Bengal, Bangladesh in lower tropospheric levels
- ❖ A **north-south trough** runs from the cyclonic circulation over northeast Bihar to south Tamil Nadu in lower tropospheric levels.

- ❖ An **upper air cyclonic circulation** lies over central Assam in lower tropospheric levels.
- ❖ An **Anti-cyclonic circulation** lies over Karnataka & adjoining Maharashtra in lower and middle tropospheric levels
- ❖ A fresh feeble **Western Disturbance** is likely to affect Western Himalayan Region from the night of 15th April, 2026.

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

Northeast India:

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds** (speed reaching 30-50) likely over Assam & Meghalaya during 13th-17th; Nagaland, Manipur, Mizoram & Tripura during 13th-14th April; with **lightning** over Arunachal Pradesh during 13th-17th; Nagaland, Manipur, Mizoram & Tripura on 15th & 16th April.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 14th, 18th & 19th; Assam & Meghalaya during 17th - 19th April.

Northwest India:

- ❖ **Isolated to Scattered** light rainfall with **thunderstorm, lightning** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 18th & 19th; Himachal Pradesh during 17th - 19th; Uttarakhand on 17th & 18th April.
- ❖ **Strong surface wind** reaching (30-40 kmph) likely over Uttar Pradesh during afternoon/evening hours on 13th April.

East India:

- ❖ **Isolated to Scattered** light rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 30-40 kmph) likely over Sub-Himalayan West Bengal & Sikkim during 13th - 15th April; Gangetic West Bengal on 15th & 16th April;
- ❖ **Isolated heavy rainfall** likely over Sikkim on 14th April.
- ❖ **Strong surface wind** reaching (30-40 kmph) likely over Bihar during afternoon/evening hours on 13th April.

South Peninsular India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 30-kmph) likely over North Interior Karnataka during 13th-17th April; South Interior Karnataka during 15th-17th April; with **lightning** over Kerala & Mahe on 13th & 14th; South Interior Karnataka on 13th & 14th April, Coastal Karnataka during 13th-17th 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 4-6 °C during 13th-19th April.
- ❖ Gradual rise in maximum temperatures likely over Madhya Pradesh by 3-5°C till 16th, over Vidarbha, Chhattisgarh by 2-4°C till 17th April and thereafter no significant change.
- ❖ Gradual rise in maximum temperatures likely over East India by 2-4°C likely till 16th April and no significant change during 17th - 19th April
- ❖ Gradual rise in maximum temperatures likely over South Peninsular India by 2-3 °C till 15th April and no significant change during 16th - 19th April.
- ❖ Gradual rise in maximum temperatures likely over Maharashtra by 2-3 °C till 17th April and no significant change on 18th & 19th April.
- ❖ No significant change in maximum temperatures likely over northeast India till 13th & gradual rise by 3-5°C during 14th-16th; No significant change during 17th - 19th 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 Saurashtra & Kutch on 13th & 14th; Maharashtra on 15th & 16th Madhya Pradesh during 16th-18th; Vidarbha, Interior Odisha during 15th-18th, Chhattisgarh during 16th-19th, Madhya; Marathwada on 16th & 17th, North Interior Karnataka during 15th-17th and Jharkhand, on 17th & 18th April.
- ❖ **Hot & humid conditions** very likely to prevail in isolated pockets over Bihar, Saurashtra & Kutch during 14th-19th; Konkan & Goa during 14th-16th; Madhya Maharashtra on 17th; Marathwada on 14th & 15th; Coastal Odisha, Gujarat

Region during next 7 days; Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu during 13th-17th; Kerala & Mahe during 13th-15th; Coastal Karnataka on 13th & 14th April.

Fishermen are advised not to venture into the following areas:

Bay of Bengal: No warning.

Arabian Sea: Along & off Iran and Pakistan coasts adjoining North Arabian Sea on 13 th April; along & off north Gujarat coast on 14 th April; along & Gujarat coast on 15 th April.

Weather conditions and forecast over Delhi/NCR during 13th-16th April, 2026 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forcast_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):

- ❖ **Assam & Meghalaya:** Ratacherra(10), Silchar(5)
- ❖ **Arunachal Pradesh:** Longding(3)

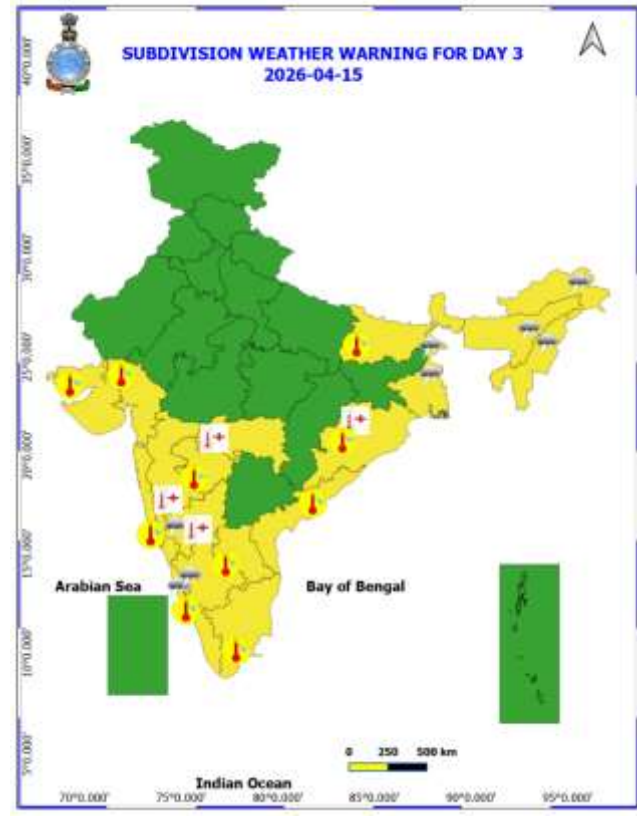
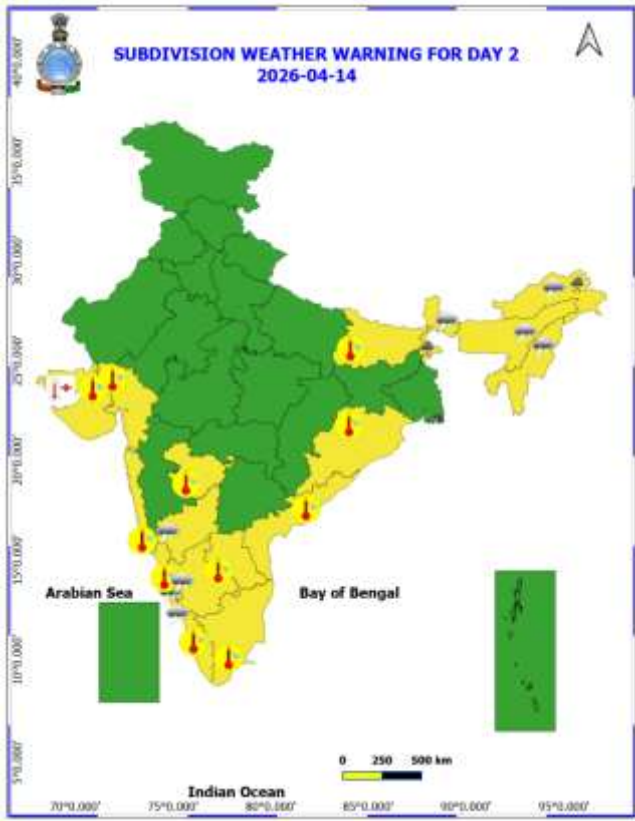
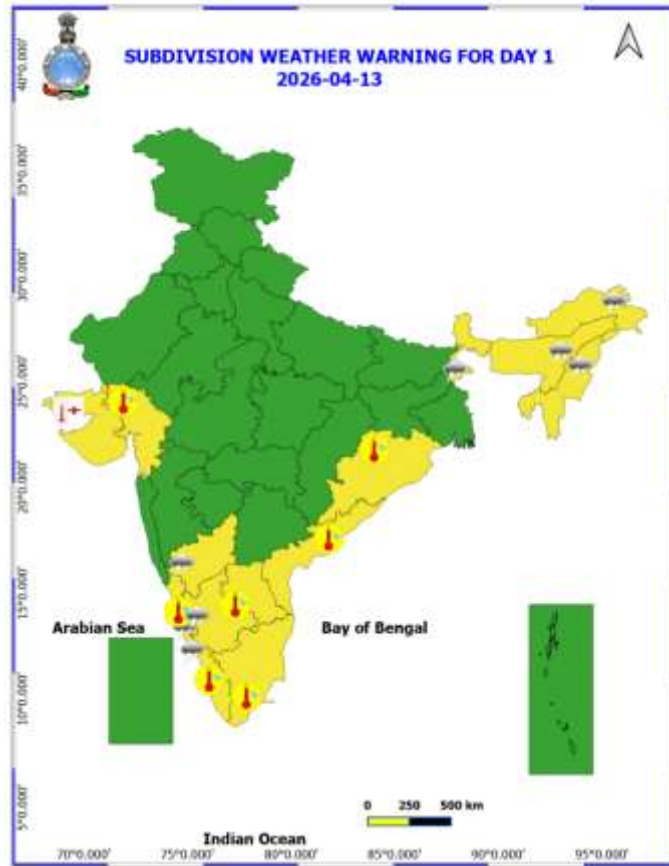
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

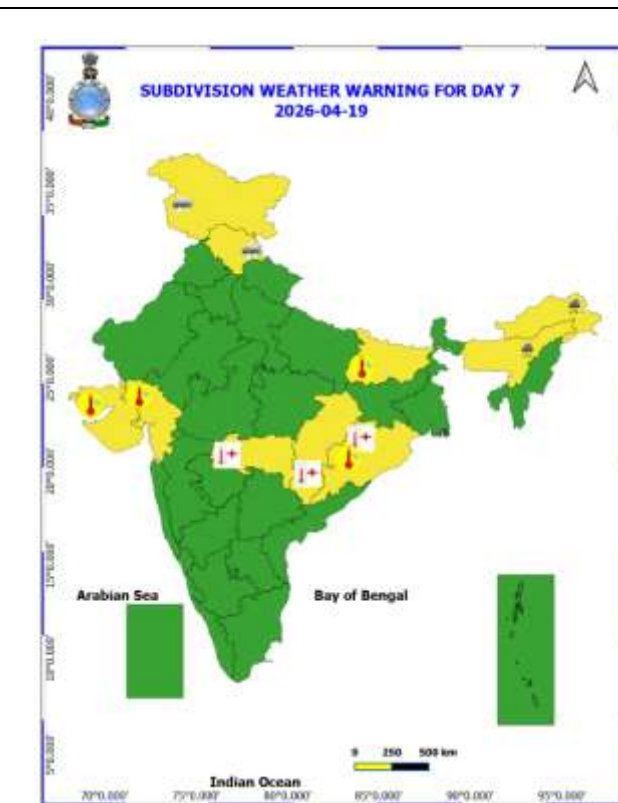
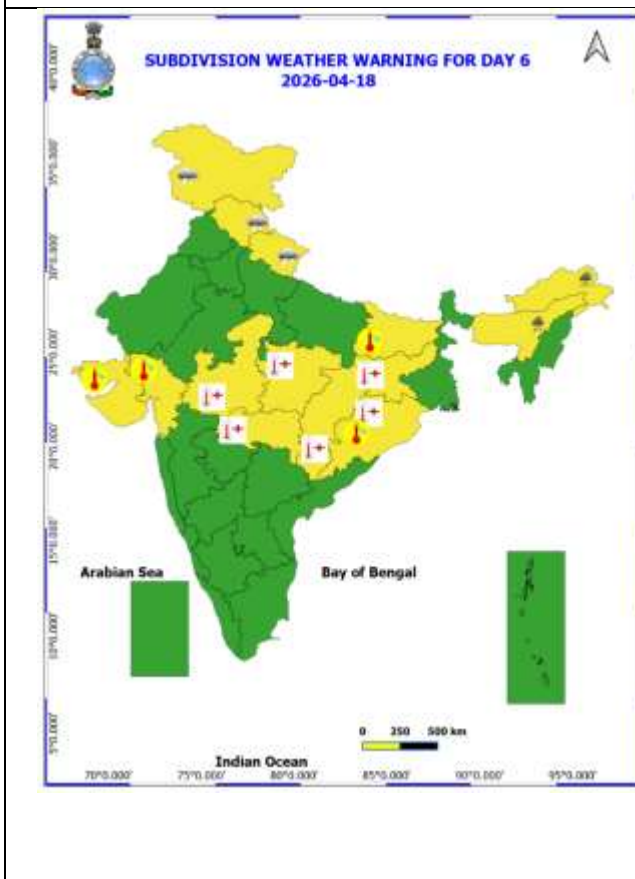
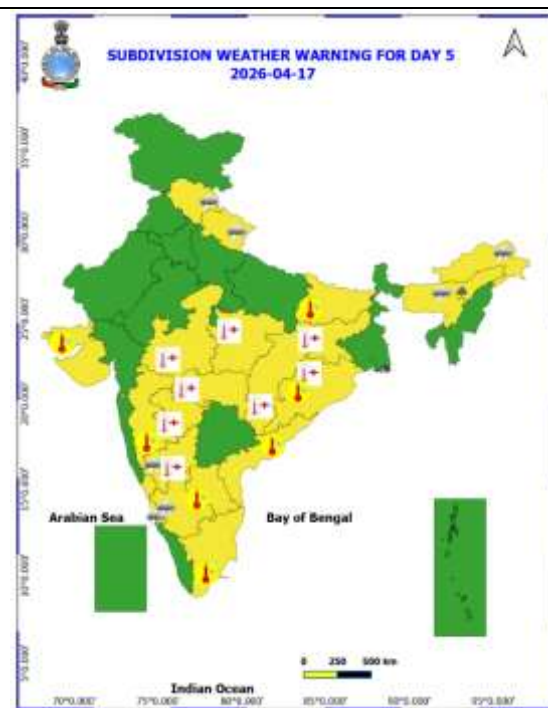
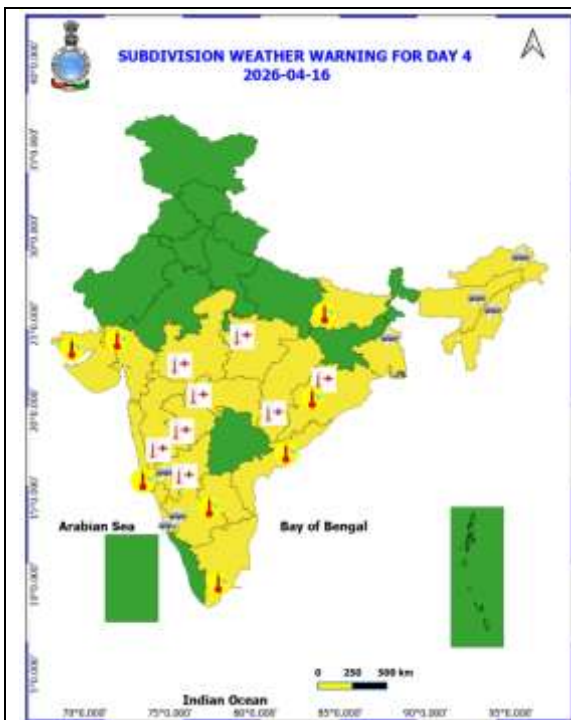
- ❖ **Assam & Meghalaya:** Baksa 78, Shillong 48;
- ❖ **Saurashtra & Kutch:** Bhachau (Kutch) 52;
- ❖ **Tamil Nadu:** Natham (Dindigul) 50;
- ❖ **Arunachal Pradesh:** Bomdila 48;
- ❖ **East Uttar Pradesh:** Balrampur 48, Varanasi & Gorakhpur 41 Each, Lucknow 33;
- ❖ **Jharkhand:** Barhi 46;
- ❖ **Bihar:** Arwal 44;
- ❖ **Uttarakhand:** Rikhnikhil 44 and Pokhari 33;
- ❖ **East Madhya Pradesh:** Jabalpur 44;
- ❖ **Haryana:** Hisar 43; Jind 41;
- ❖ **West Madhya Pradesh:** Guna 41;
- ❖ **Chhattisgarh:** Koriya 41, Surajpur 33, Korba 30;
- ❖ **Manipur:** Tujungvaichong 41, Geljang_Resort 37, Chakpikarong 33;
- ❖ **West Uttar Pradesh:** GB Nagar 37;
- ❖ **Punjab:** Sangrur 39; Faridkot 35;
- ❖ **Madhya Maharashtra:** Vilholi (Nashik) 35;
- ❖ **Coastal Maharashtra:** Alibag 31

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Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	13- Apr	14- Apr	15- Apr	16- Apr	17- Apr	18- Apr	19- Apr
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	DRY	DRY	DRY	DRY	DRY	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	ISOL	ISOL	SCT	SCT	ISOL	ISOL	ISOL
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	SCT	SCT	SCT	SCT	SCT	SCT	SCT
6	GANGETIC WEST BENGAL	DRY	DRY	ISOL	ISOL	ISOL	ISOL	DRY
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
8	JHARKHAND	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
9	BIHAR	DRY	DRY	DRY	DRY	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	DRY	DRY	DRY	ISOL	ISOL	SCT	SCT
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	DRY	ISOL	ISOL	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	ISOL	ISOL	SCT	FWS	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	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	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	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA AND MAHE	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
36	LAKSHADWEEP	DRY	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 13th April to 16th April 2026**Past Weather:**

There has been rise in maximum temperatures up to 1°C and fall in minimum temperatures up to 1-2 °C during past 24 hours over Delhi. The maximum temperatures were in the range of 34-36°C and the minimum temperatures are in the range 16-19°C respectively during past 24 hours over Delhi. The minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at most places and below normal (-1.6°C to -3.0°C) at remaining 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 northwest direction over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 15 kmph likely to prevailed from southwest direction over the region in the forenoon today.

Weather Forecast:

13.04.2026: Mainly clear sky. Sustained surface wind speed reaching 15-25 occasionally gusting to 35 kmph during the daytime. The maximum temperatures over Delhi are likely to be in the range of **35°C to 37°C**. The 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 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 10 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 18°C to 20°C respectively. The minimum temperature will be **below normal (-1.6°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 15 kmph during the morning hours. The wind speed will increase becoming less than 20 kmph from northwest direction during the afternoon. The wind speed gradually decreases becoming less than 15 kmph from the north direction during evening and night.

15.04.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of **38°C to 40°C** and 20°C to 22°C respectively. The minimum temperature will be near **normal (-1.5°C to 1.5°C)** at most places, and the maximum temperature will be **above normal (1.6°C to 3.0°C)** over Delhi. The predominant surface wind is likely to be from the west direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will increase becoming up to 18 kmph from northwest direction during the afternoon. The surface wind speed will gradually decrease becoming less than 10 kmph from the northeast direction during evening and night.

16.04.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of **38°C to 40°C** and 21°C to 23°C respectively. The minimum temperature will be **above normal (1.6°C to 3.0°C)** at most places over Delhi. The maximum temperature will be **appreciably below normal (3.1°C to 5.0°C)** at isolated places and **above normal (1.6°C to 3.0°C)** at most places over Delhi. The predominant surface wind is likely to be from the northeast direction with wind reaching up to 10 kmph during the morning hours. The surface wind speed will increase becoming up to 15 kmph from northeast direction during the afternoon. The surface wind speed will gradually decrease becoming less than 10 kmph from the northeast direction during evening and night.

Impact Expected & Action Suggested due to heavy rainfall over

- ❖ **Isolated heavy rainfall** likely over Sikkim on 14th; over Arunachal Pradesh on 14th, 18th & 19th and over Assam & Meghalaya during 17th - 19th 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 **Sikkim**, ensure effective field drainage to prevent waterlogging.
- 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 vegetable 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, Madhya Maharashtra** 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 securely and cover them to minimize the risk of displacement from 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

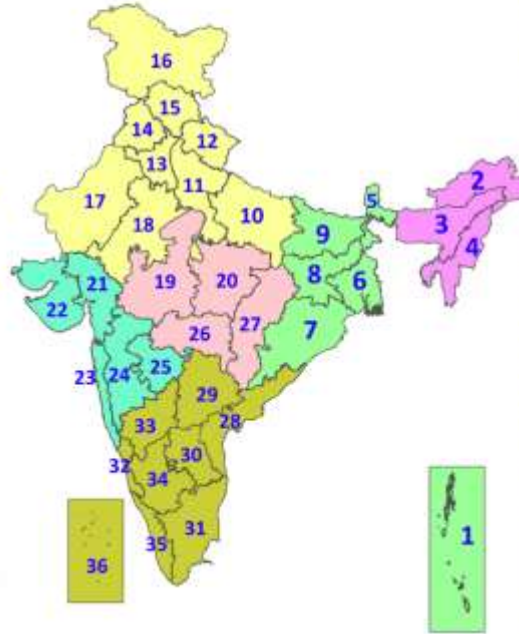
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

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 | Hot Day |
| Thunder & Lightning | Hot & Humid | Strong Surface Winds |
| Hailstorm | | |
| Dust Raising 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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