Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 18th February 2026
Time of Issue: 1300 hours

Subject: (i) Due to Western Disturbance, isolated light to moderate rainfall/snowfall is likely over the Western Himalayan Region and isolated light rainfall with thunderstorm & lightning over plains of northwest India on 18th February.
(ii) Gradual rise in Maximum Temperatures are likely over plains of Northwest India by 2-4°C from tomorrow during subsequent 2 days.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 18th February, 2026:

- **Hailstorm activity** has been recorded at isolated places over Rajasthan.

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

- **Minimum temperatures** were **less than 0°C** over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad**; upto 6°C** over Himachal Pradesh; **7-12°C** over Punjab, Uttar Pradesh, East Madhya Pradesh, Jharkhand, Assam & Meghalaya and **12-15°C** over West Madhya Pradesh, Vidarbha, Chhattisgarh, Saurashtra & Kutch, West Bengal & Sikkim and Odisha.
- **Minimum Temperature Departures** were **above normal (1.6°C to 3.1°C)** over Jammu Division, Himachal Pradesh, Uttarakhand, West Uttar Pradesh, West Madhya Pradesh, Saurashtra & Kutch, Maharashtra, Kerala & Mahe and Tamil Nadu and **near normal** over rest parts of the country.
- The **lowest minimum temperature** of **8.2°C** was observed at **Banda (East Uttar Pradesh)** over the plains of India.
- The **highest maximum temperature** of **36.1°C** was observed at **Kochi (Cial) (Kerala)** over the plains of India.
- **Maximum temperatures** were in the range of **34-36°C** over Maharashtra, North Interior Karnataka, Rayalaseema, Telangana, Tamil Nadu, Kerala & Mahe; **30-35°C** over many parts of Central, West & East India, remaining parts of south Peninsular India, Rajasthan, Assam & Meghalaya, Tripura; **25-30°C** over Punjab, Haryana Chandigarh & Delhi and Uttar Pradesh.
- **Maximum Temperatures** were also appreciably above normal by **3-5°C** over many parts of Northwest India, West Madhya Pradesh, Bihar, Assam & Meghalaya; by **2-3°C** over East Madhya Pradesh, Vidarbha, Odisha, Jharkhand and **near normal** over rest parts of the country.

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

- The **Low Pressure Area** over Equatorial Indian Ocean & adjoining southwest Bay of Bengal persists over the same region at 0830 hrs IST of today, the 18th February, 2026. The associated upper air cyclonic circulation extends upto 5.8 km above mean sea level. It is likely to move west-northwestwards towards Sri Lanka and become more marked over southwest Bay of Bengal & adjoining Equatorial Indian Ocean during next 24 hours.
- The **Western Disturbance** as a cyclonic circulation over Southeast Pakistan & adjoining west Rajasthan between 3.1 & 7.6 km above mean sea level tilting northwards with height.
- An Induced upper air **cyclonic circulation** lies over southwest Rajasthan in lower tropospheric levels.
- An upper air **cyclonic circulation** lies over northeast Madhya Pradesh in lower tropospheric levels.
- A **trough** runs from eastcentral Arabia Sea to central Madhya Pradesh across Gujarat and southeast Rajasthan in lower tropospheric levels.
- **Subtropical westerly Jet Stream** with core winds of the order of 115 knots at 12.6 km above mean sea level continues to prevail over Northeast India.

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

- **Isolated** rainfall/snowfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh on 18th and Uttarakhand on 18th & 19th February.

- **Isolated** rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-40 kmph)** likely over Punjab, Haryana, Uttar Pradesh and East Rajasthan on 18th and over Andaman & Nicobar Islands on 18th & 19th; with **thunderstorm & lightning** likely West Rajasthan, Madhya Pradesh and over north Gujarat on 18th and over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe during 20th-22nd February.
- **Hailstorm activity** also likely at isolated places over Haryana, East Rajasthan and north Madhya Pradesh on 18th February.

Forecast of minimum temperatures:

- Gradual fall in minimum temperature by 2-4°C likely over Northwest India during next 48 hours and no significant change during subsequent 5 days.
- No significant change in minimum temperature likely over East India during next 2 days and gradual rise by 2-3 °C during subsequent 2 days and no significant change thereafter.
- Gradual rise in minimum temperature by 2-3°C likely over Maharashtra during next 5 days and no significant change during subsequent 2 days.
- Gradual rise in minimum temperature by 2-3°C likely over Gujarat State during next 3 days and no significant change during subsequent 4 days.
- No significant change in minimum temperatures likely over rest parts of the country.

Forecast of maximum temperatures:

- **Maximum Temperatures are likely to fall by 2-4°C over plains of Northwest India during next 24 hours; gradual rise by 2-4°C thereafter for subsequent 2 days and no significant change thereafter.**
- No significant change in maximum temperature likely over Central India during next 5 days and gradual fall by 2-3 °C during subsequent 2 days.
- No significant change in Maximum temperature likely over Gujarat State, Maharashtra & Goa during next 2 days and gradual rise by 2-3 °C thereafter during subsequent 5 days.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 18th February to 23rd February, 2026:

- **Bay of Bengal:** Over many parts of southwest Bay of Bengal & adjoining Equatorial Indian Ocean, along and off Sri Lanka coast, over Gulf of Mannar, Comorin area on 18th February; Over some parts of southwest Bay of Bengal & adjoining Equatorial Indian Ocean, along and off Sri Lanka coast, over Gulf of Mannar, Comorin area on 19th February; over some parts of southeast Bay of Bengal, over Gulf of Mannar, Comorin area, along and off west Sri Lanka coast on 20th February; over some parts of southwest Bay of Bengal and Comorin area on 21st February; over some parts of southwest Bay of Bengal, off north Sri Lanka coast on 22nd February.
- **Arabian Sea:** No warning.

Weather conditions and forecast over Delhi/NCR during 18th -21st February, 2026 (ANNEXURE III)

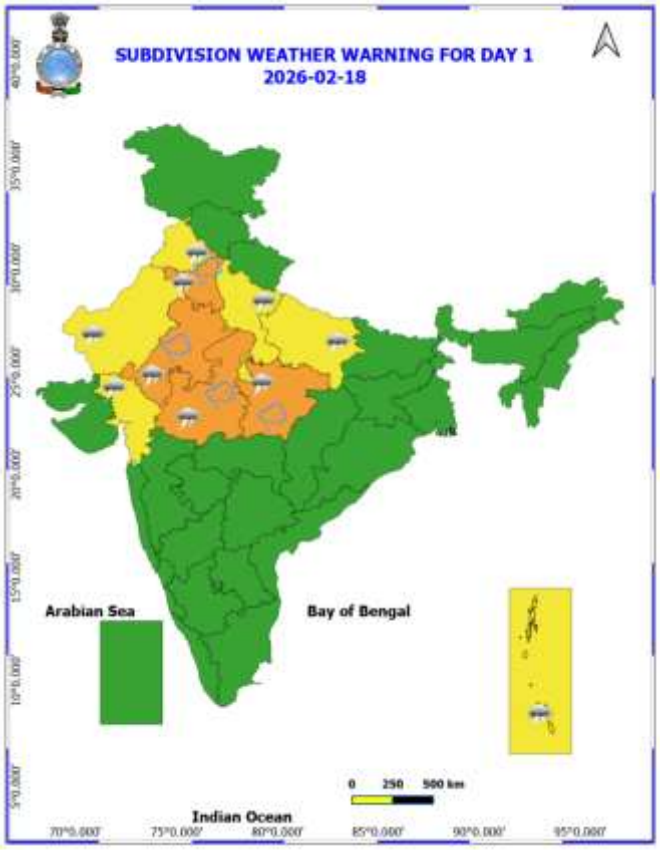
For more details, kindly refer National Weather Bulletin:
https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php
For District wise warnings refer: https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php
For Fishermen warning refer https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php

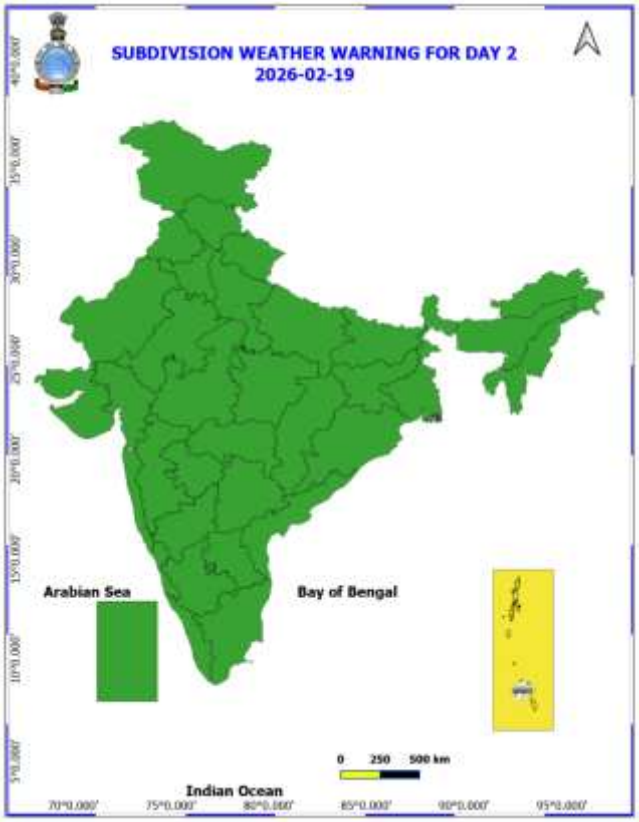
ANNEXURE I

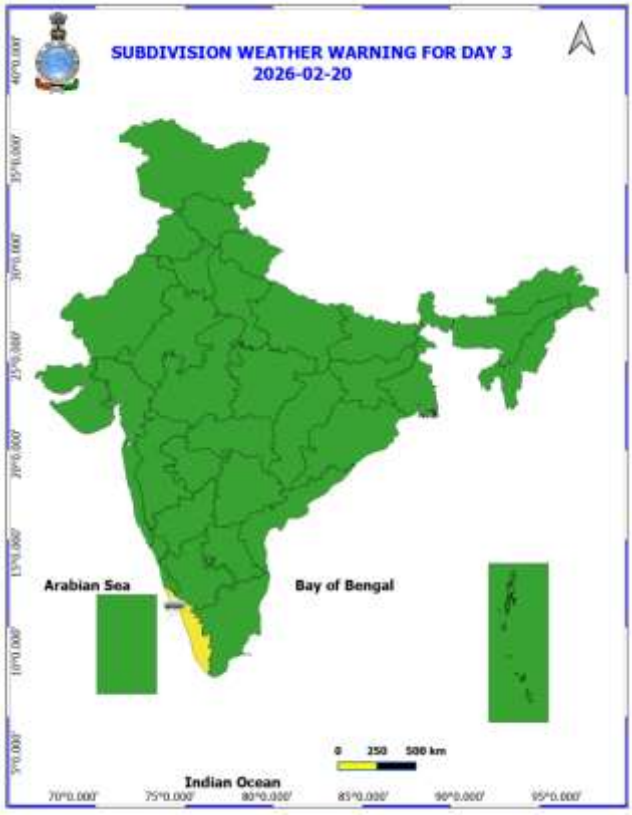
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	18- Feb	19- Feb	20- Feb	21- Feb	22- Feb	23- Feb	24- Feb
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	ISOL	ISOL	ISOL	DRY	DRY	DRY
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7	ODISHA	DRY	DRY	DRY	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	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	ISOL	ISOL	DRY	DRY	DRY	ISOL	ISOL
13	HARYANA, CHANDIGARH & DELHI	SCT	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	ISOL	DRY	DRY	DRY	DRY	ISOL	DRY
16	JAMMU AND KASHMIR AND LADAKH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	SCT	ISOL	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJRAT REGION	ISOL	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	ISOL	DRY	DRY	DRY	DRY	ISOL	DRY
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	ISOL	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	ISOL	DRY
27	CHHATTISGARH	DRY	DRY	DRY	DRY	DRY	ISOL	DRY
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	DRY	DRY	DRY	ISOL	ISOL	ISOL	DRY
31	TAMILNADU & PUDUCHERRY	DRY	DRY	ISOL	SCT	SCT	ISOL	ISOL
32	COSTAL KARNATAKA	ISOL	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 AND MAHE	ISOL	ISOL	SCT	FWS	FWS	SCT	ISOL
36	LAKSHADWEEP	DRY	DRY	DRY	SCT	SCT	SCT	DRY

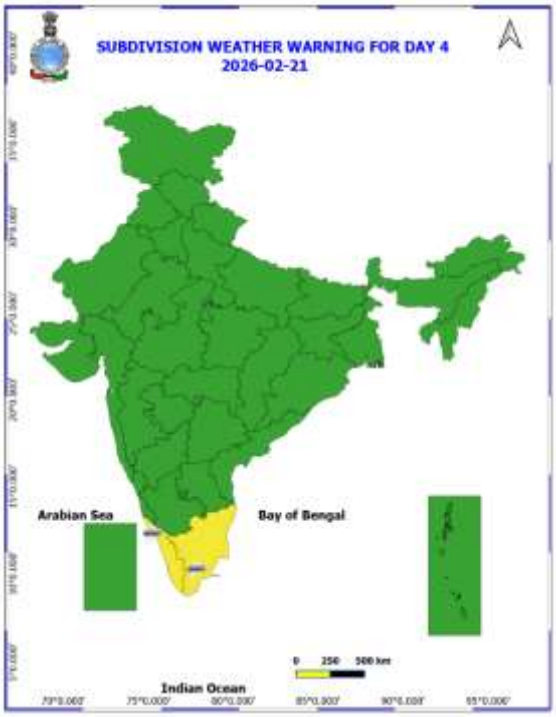
- **As the lead period increases forecast accuracy decrease**

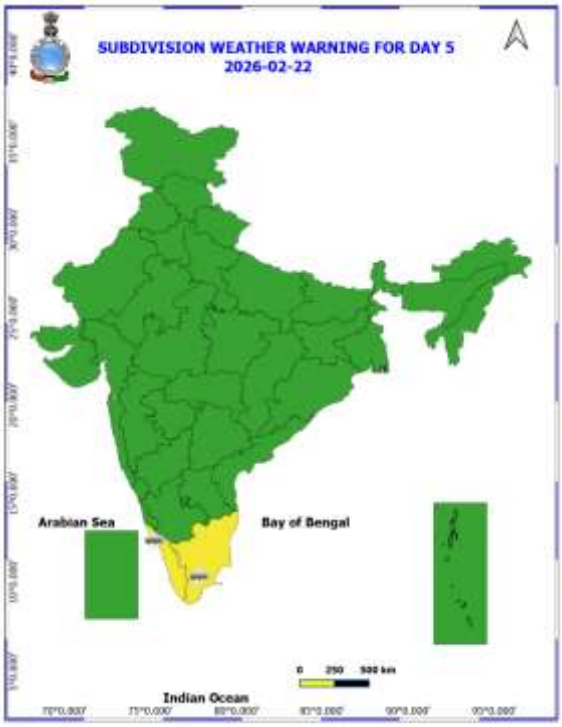
ANNEXURE II

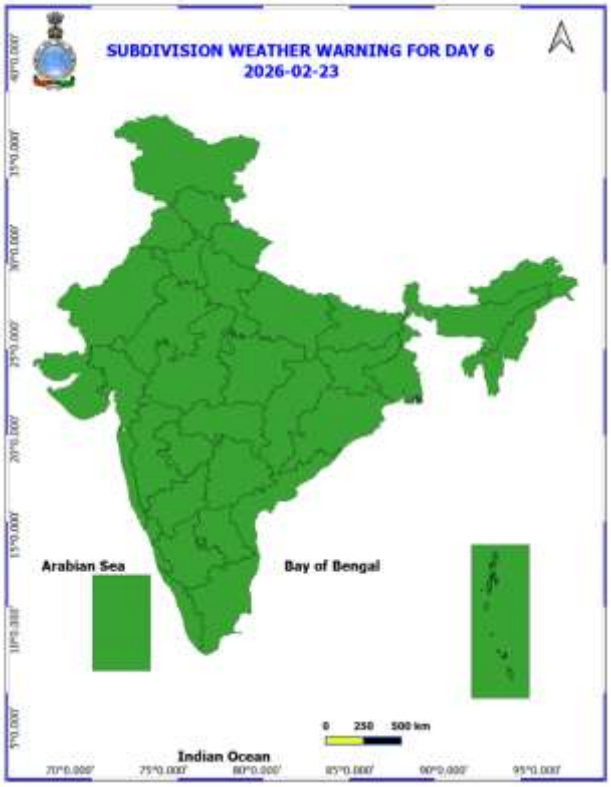

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-02-18
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km

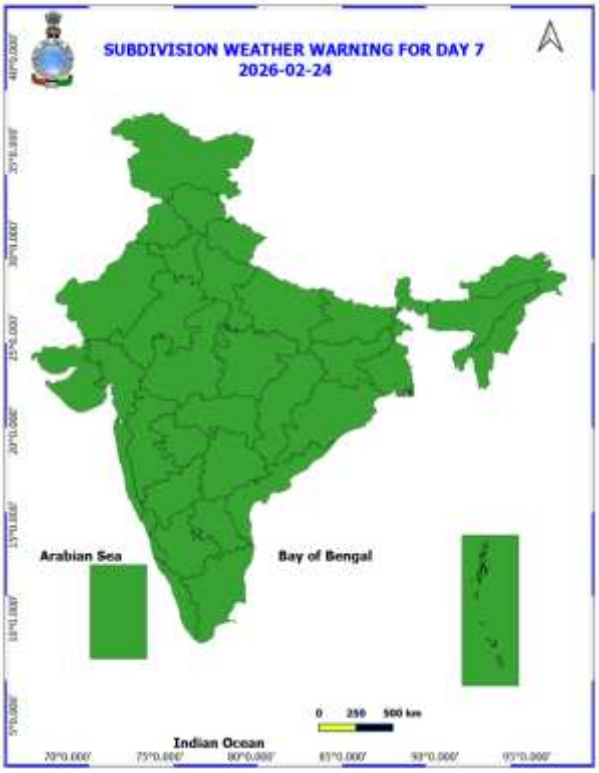

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-02-19
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-02-20
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km









- **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.**

DetaileddistrictwiseMultiHazardweatherwarningfornextfivedaysavailableat
https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

ANNEXURE III

Weather forecast over Delhi/NCR during 18th to 21st February 2026

Past Weather:

There has been rise in minimum temperatures by 2-3°C and no large change in the maximum temperature during the past 24 hours over Delhi. The maximum temperatures over Delhi were around 29°C-31°C and the minimum temperatures are around 15°C-16°C respectively. The minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The maximum temperatures are markedly above normal (5.1°C or more) at most places and appreciably above normal (3.1°C to 5.0°C) at isolated places over Delhi. Mainly clear sky with wind speed reaching up to 16 kmph from the southeast direction prevailed over past 24 hours. Generally cloudy sky with a spell of very light rain/drizzle. Surface wind speed reaching upto10 kmph from the east direction to be prevailed over the region in the forenoon today.

Weather Forecast:

18.02.2026: Generally cloudy sky. A spell of very light rain at isolated places towards afternoon. Another sell of very light rain at isolated places towards evening/night. The maximum temperatures are likely to be in the range of 24°C to 26°C. The maximum temperatures will be above normal (1.6°C to 3.0°C) over Delhi. The predominant surface wind is likely to be from the southeast direction reaching up to 12 kmph during the afternoon hours. The wind speed will gradually decrease becoming less than 05 kmph from the northeast direction during evening and night.

19.02.2026: Mainly clear sky. Mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 26°C to 28 °C and 12°C to 14°C respectively. The minimum temperature 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 east direction with wind speed associated with calm wind reaching up to 05 kmph during the morning hours. The wind speed will increase becoming up to 12 kmph from north direction during the afternoon. The wind speed will decrease becoming up to 08 kmph from the north direction during evening and night.

20.02.2026: Mainly clear sky. Mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 27°C to 29°C and 12°C to 14°C respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) and the maximum temperature will be appreciably above normal (3.1°C to 5.0°C) over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed wind reaching up to 10 kmph during the morning hours. The wind speed will increase becoming up to 15 kmph from northwest direction during the afternoon. The wind speed will decrease becoming up to 10 kmph from the west direction during evening and night.

21.02.2026: Mainly clear sky. Mist during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 28°C to 30°C and 12°C to 14 °C respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) and the maximum temperature will be appreciably above normal (3.1°C to 5.0°C) over Delhi. The predominant surface wind is likely to be from the west direction with wind speed up to 10 kmph during the morning hours. The wind speed will increase becoming up to 15 kmph from northwest direction in the afternoon. The wind speed will decrease becoming up to 10 kmph from the west direction during evening and night.

Impact expected and action suggested due to isolated thunderstorm with lightning/gusty winds & Hailstorm over

- **Isolated** rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-40 kmph)** likely over Punjab, Haryana, Uttar Pradesh and East Rajasthan on 18th and over Andaman & Nicobar Islands on 18th & 19th February.
- **Hailstorm activity** also likely at isolated places over Haryana, East Rajasthan and north Madhya Pradesh on 18th February.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Agromet advisories for likely impact of Hailstorms

- Use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage in **Haryana, East Rajasthan** and **West Madhya Pradesh**.

Agromet advisories for likely impact of Above normal Temperatures

- In **Intermediate Zone** of **Jammu and Kashmir,** apply light irrigation to wheat and mustard crops. Maintain optimum moisture in apple orchards.
- 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 **Arunachal Pradesh** provide light irrigation to potato, cabbage, mustard, and peas in the morning to maintain adequate moisture.
- In **Assam**, apply irrigation in rice crop during the tillering stage to maintain the optimum water level. Irrigate cauliflower as needed.
- 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:

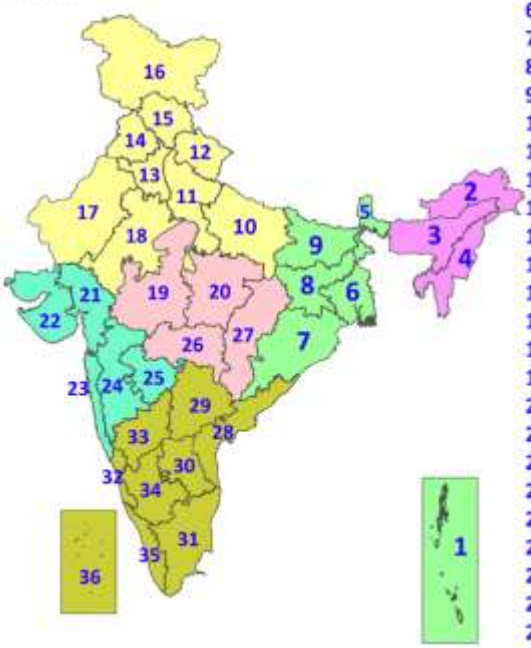
- **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District: **NH:** National Highway; **KVK**: Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO**: 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, 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.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

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

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

* Red colour warning does not mean "Red Alert", Red colour 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
(Service to the Nation since 1875)

DEFINITION/CRITERIA

Rain/ Snow *	**Heavy:** 64.5 to 115.5 mm/cm * **Very Heavy:** 115.6 to 204.4 mm/cm* **Extremely Heavy:** > 204.4 mm/cm *
Heat Wave	**When maximum temperature of a station reaches ≥40° C for plains and ≥30° 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 ≥6.5° C **(b). Based on Actual maximum temperature** **Heat Wave:** When actual maximum temperature ≥45°C. **Severe Heat Wave:** When actual maximum temperature ≥47°C **(c). Criteria for heat wave for coastal stations** When maximum temperature departure is >4.5°C from normal. Heat Wave may be described provided maximum temperature ≥37°C
Warm Night	**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 °C.
Cold Wave	**When minimum temperature of a station ≤10°C for plains and ≤0°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 ≤ -6.5 °C **(b) Based on actual Minimum Temperature (for Plains only)** **Cold Wave :** When Minimum Temperature is ≤ 4.0 °C **Severe Cold Wave:** When Minimum Temperature is ≤ 2.0 °C **(c) For Coastal Stations** When Minimum Temperature departure is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C
Cold Day	**When minimum temperature of a station ≤10°C for plains and ≤0°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 ≤ -6.5 °C
Fog	**Phenomenon of small droplets suspended in air and the horizontal visibility < 1km** **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
Thunderstorm	**Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)**
Dust/Sand Storm	**An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.**
Frost	**Ice deposits on ground** Air temperature ≤4°C (over Plains)
Squall	**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
Sea State	**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
Cyclone	**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 Strom**: Wind speed >220 kmph (>119 knots)

* Red colour warning does not mean "Red Alert", Red colour 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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