

Government of India
Ministry of Earth Sciences
India Meteorological Department



Date: 06th October, 2025
Time of Issue: 1530 hours IST

Special Message (No.- 3)

FROM: INDIA METEOROLOGICAL DEPARTMENT

TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS
CONTROL ROOM, NDMA
SECRETARY, MOES
DIRECTOR GENERAL, DOORDARSHAN
DIRECTOR GENERAL, AIR PIB MOES
CHIEF SECRETARY, GOVT. OF JAMMU & KASHMIR
CHIEF SECRETARY, GOVT. OF LADAKH
CHIEF SECRETARY, GOVT. OF HIMACHAL PRADESH
CHIEF SECRETARY, GOVT. OF UTTARAKHAND
CHIEF SECRETARY, GOVT. OF PUNJAB
CHIEF SECRETARY, GOVT. OF HARYANA
CHIEF SECRETARY, GOVT. OF CHANDIGARH
CHIEF SECRETARY, GOVT. OF DELHI
CHIEF SECRETARY, GOVT. OF UTTAR PRADESH
CHIEF SECRETARY, GOVT. OF RAJASTHAN

Subject: Under the influence of intense western disturbance, heavy to very heavy rainfall & hailstorm likely over Northwest India on today, the 06th October 2025 with reduction in intensity from tomorrow, the 07th October.

Weather Systems,

- ❖ A Western Disturbance as a cyclonic circulation lies over northeast Afghanistan & adjoining Pakistan between 3.1 & 5.8 km above mean sea level with a trough aloft in upper tropospheric westerlies with its axis at 7.6 km above mean sea level roughly along Long. 69°E to the north Lat. 23°N. An induced cyclonic circulation lies over central Pakistan & adjoining West Rajasthan in lower tropospheric levels. There is high moisture feeding from Arabian Sea over northwest India in lower tropospheric levels.

Under the influence of these systems, the following weather is likely over Northwest India:

Forecast and Warnings

- ❖ Fairly widespread to widespread rainfall accompanied with thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph) very likely over Northwest India on 06th & 07th October.
- ❖ Isolated **heavy rainfall** likely over Himachal Pradesh, Uttarakhand on 06th & 07th; Haryana Chandigarh & Delhi, West Uttar Pradesh and Rajasthan on 06th October; with **very heavy rainfall** over Jammu-Kashmir, Himachal Pradesh, Punjab on 06th October.
- ❖ Isolated **hailstorm** activity is also likely over Uttarakhand, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh, Rajasthan on 06th October.

Dr. Shashi Kant
Scientist 'D'
NWFC, IMD, New Delhi
For DGM, IMD

For more details, kindly refer National Weather Bulletin:

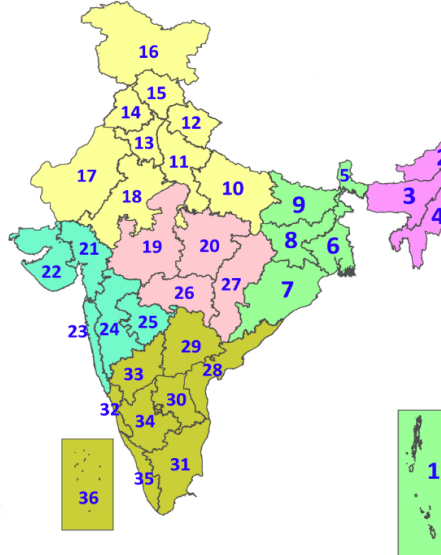
https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

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

Subdivision	06 th October	07 th October	08 th October
Jammu, Kashmir	Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (40-50 kmph). Isolated heavy to very heavy rainfall very likely	Fairly Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph).	Isolated light to moderate rainfall very likely.
Ladakh	Fairly Widespread light to moderate rainfall/snowfall likely.	Fairly Widespread light to moderate rainfall/snowfall likely.	Isolated light to moderate rainfall very likely.
Himachal Pradesh	Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (40-50 kmph). Isolated heavy to very heavy rainfall very likely	Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph). Isolated heavy rainfall very likely	Isolated light to moderate rainfall very likely.
Uttarakhand	Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (40-50 kmph) and hailstorm. Isolated heavy rainfall y likely	Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (40-50 kmph). Isolated heavy rainfall very likely	Isolated light to moderate rainfall very likely.
Punjab	Widespread light to moderate rainfall with isolated thunderstorm, lightning, gusty winds (40-50 kmph), and hailstorm. Isolated heavy to very heavy rainfall very likely	Fairly Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph) very likely.	Dry weather very likely.
Haryana & Chandigarh	Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (40-50 kmph) and hailstorm. Isolated heavy rainfall y likely	Fairly Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph) very likely.	Dry weather very likely.
Delhi	Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (40-50 kmph) and hailstorm. Isolated heavy rainfall y likely	Fairly Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph) very likely.	Dry weather very likely.
West Rajasthan	Fairly Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph) and hailstorm. Isolated heavy rainfall likely	Isolated light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph) very likely.	Dry weather very likely.
East Rajasthan	Fairly Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph) and hailstorm. Isolated heavy rainfall likely	Isolated light to moderate rainfall with thunderstorm, lightning very likely.	Isolated light to moderate rainfall very likely.
West Uttar Pradesh	Fairly Widespread light to moderate rainfall with thunderstorm, lightning, gusty winds (30-40 kmph) and hailstorm. Isolated heavy rainfall likely	Isolated light to moderate rainfall with thunderstorm, lightning very likely.	Dry weather very likely.
East Uttar Pradesh	Isolated light to moderate rainfall with thunderstorm and lightning.	Isolated light to moderate rainfall with thunderstorm, lightning very likely.	Isolated light to moderate rainfall very likely.

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

* 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 $\geq 40^\circ \text{C}$ 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 $\geq 37^\circ \text{C}$

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 $> 6.4^\circ \text{C}$.

Cold Wave

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 $\leq 15^\circ \text{C}$

Cold Day

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 $\leq -6.5^\circ \text{C}$

Fog

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

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 $\leq 4^\circ \text{C}$ (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
(Service to the Nation since 1875)