



## All India Impact Based Weather Warning Bulletin

**Saturday 22 January 2022**  
**Time of Issue: 0815 hours IST**

**(MORNING)**

**22 January (Day 1):** ♦ **Heavy rainfall/snowfall** at isolated places very likely over Jammu & Kashmir, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh and **heavy rainfall** at isolated over north Punjab and Haryana.

♦ **Thunderstorm accompanied with lightning & hail** at isolated places very likely over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, north Rajasthan and Madhya Pradesh Bihar, Sub-Himalayan West Bengal and with **lightning** at isolated places over Jammu & Kashmir, Gilgit, Baltistan & Muzaffarabad, and Chhattisgarh.

♦ **Strong wind** (speed 40-50 kmph gusting to 60 kmph) very likely over North & Westcentral Arabian Sea along & off Gujarat coast. Fishermen are advised not to venture into these areas.

**23 January (Day 2):** ♦ **Heavy rainfall/snowfall** at isolated places very likely over Jammu & Kashmir, Gilgit, Baltistan & Muzaffarabad and Himachal Pradesh.

♦ **Thunderstorm accompanied with lightning & hail** at isolated places very likely over Uttarakhand, Uttar Pradesh, Chhattisgarh, West Bengal & Sikkim, Bihar and Jharkhand; with **lightning & gusty winds (speed reaching 30-40 kmph)** at isolated places over Punjab, Haryana and **with lightning** at isolated places over Jammu & Kashmir, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, East Madhya Pradesh, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

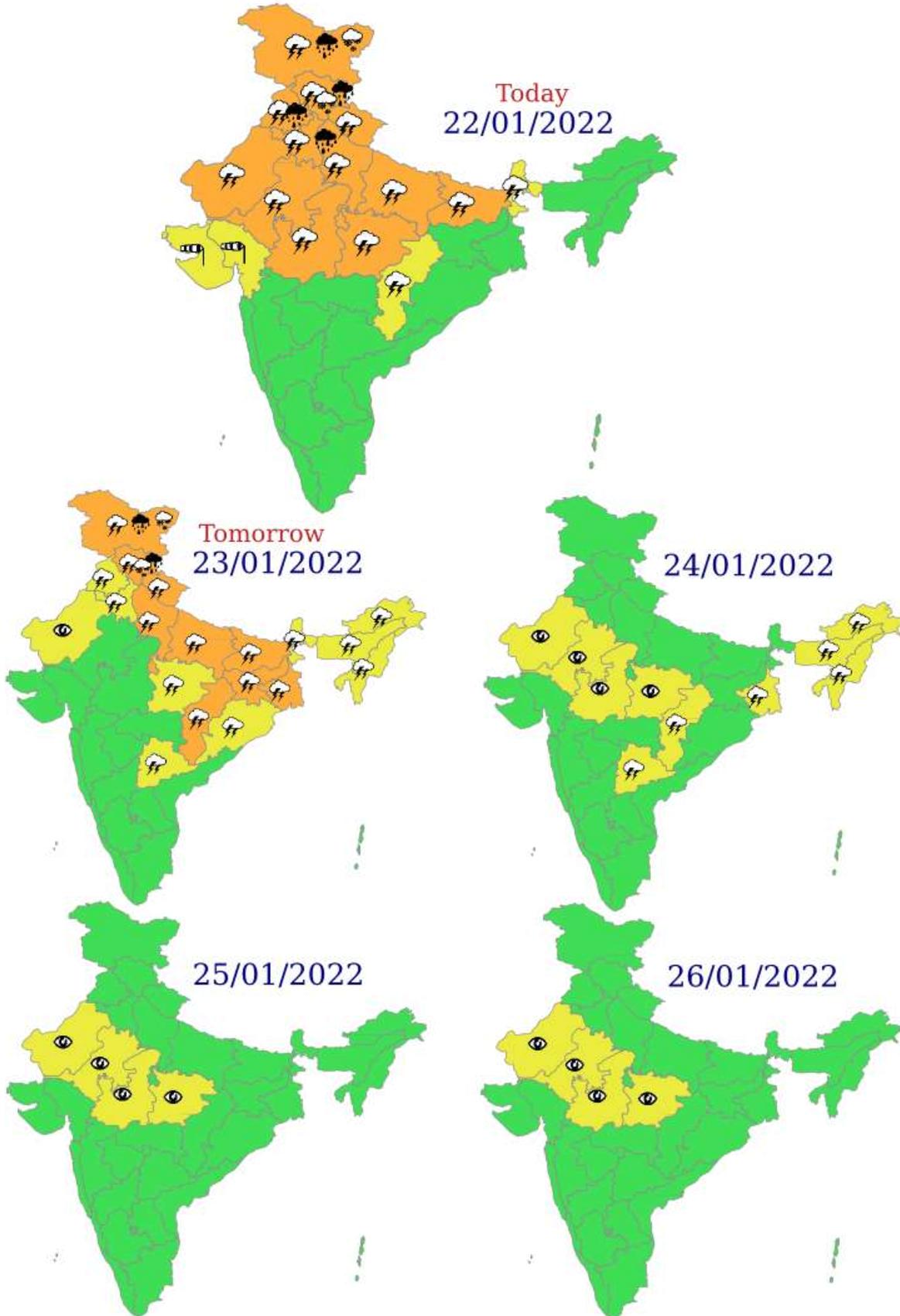
♦ **Dense Fog** in isolated pockets very likely over West Rajasthan.

**24 January (Day 3):** ♦ **Thunderstorm accompanied with lightning** at isolated places likely over Chhattisgarh, Gangetic West Bengal, Telangana, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

♦ **Dense Fog** in isolated pockets likely over north Rajasthan and north Madhya Pradesh.

**25 January (Day 4):** ♦ **Dense Fog** in isolated pockets very likely over north Rajasthan and north Madhya Pradesh.

**26 January (Day 5):** ♦ **Dense Fog** in isolated pockets very likely over north Rajasthan and north Madhya Pradesh.





**EXPECTED IMPACT & ACTION SUGGESTED due to isolated heavy rainfall/snowfall Jammu & Kashmir and Himachal Pradesh on 22<sup>nd</sup> & 23<sup>rd</sup> January, 2022.**

**A. Impact Expected**

- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the affected region.
- 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
- 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)

**B. 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.
- Harvest the ripen crops like Paddy & Horticultural crops and also secure the harvested crops securely from the damage due to rain and strong winds.

- ✓ **Impact expected and action suggested due to Thunderstorm, Lightning & Hail over West Madhya Pradesh and Rajasthan on 22<sup>nd</sup>; over Himachal Pradesh, Punjab, Haryana, Chandigarh, Delhi, East Madhya Pradesh on 22<sup>nd</sup> January; over Uttrakhand, Uttar Pradesh, Bihar, Sub-Himalayan West Bengal on 22<sup>nd</sup> & 23<sup>rd</sup> and over Jharkhand, Chhattisgarh and Gangetic West Bengal on 23<sup>rd</sup> January, 2022.**

**Impact expected:**

- Hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.

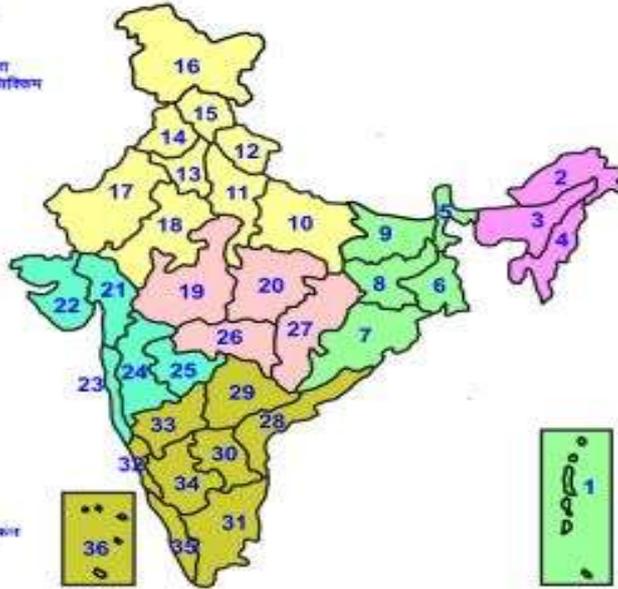
**Action suggested:**

- 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.



## LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल संघ सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा, चंडीदाह और दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात
- 22 सौराष्ट्र
- 23 कर्नाटक
- 24 मध्य महाराष्ट्र
- 25 कोकण एवं गोवा
- 26 महाराष्ट्र
- 27 छत्तीसगढ़
- 28 पश्चिम चंडीदाह एवं यानम
- 29 तेलंगाना
- 30 आंध्र प्रदेश
- 31 तमिलनाडु, पुदुचेरी एवं केरल
- 32 उत्तर कर्नाटक
- 33 उत्तर कर्नाटक
- 34 उत्तर कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkani & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karikal
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)

## WARNING

WARNING (TAKE ACTION)
ALERT ( BE PREPARED)
WATCH (BE UPDATED)
NO WARNING ( NO ACTION)

## Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State

Kindly download **MAUSAM** APP for location specific forecast & warning, **MEGHDOOT** APP for Agromet advisory and **DAMINI** APP for Lightning Warning & visit state MC/RMC websites for district wise warning.