



All India Impact Based Weather Warning Bulletin

Thursday 23 March 2023  
Time of Issue: 2100 hours IST

(NIGHT)

**23 March (Day 1):** ♦ **Heavy rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Tamilnadu, Puducherry & Karaikal and Coastal Andhra Pradesh & Yanam.

♦ **Thunderstorm accompanied with lightning, hail & gusty wind (40-50 kmph)** very likely at isolated places over Punjab, Haryana; **with lightning, hail & gusty wind (30-40 kmph)** over West Rajasthan; **with lightning & hail** over Sub-Himalayan West Bengal & Sikkim; **with lightning & gusty wind (30-40 kmph)** over East Rajasthan, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and **with lightning** over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Bihar, Gangetic West Bengal, Odisha, Arunachal Pradesh, Gujarat State, Tamilnadu, Puducherry & Karaikal and Coastal Andhra Pradesh & Yanam.

♦ **Squally wind (speed reaching 45-55 kmph gusting to 65 kmph)** very likely over Northeast & adjoining Northwest Arabian Sea. Fishermen are advised not to venture into these area.

**24 March (Day 2):** ♦ **Heavy rainfall** very likely at isolated places over Himachal Pradesh, Jammu Division and Punjab.

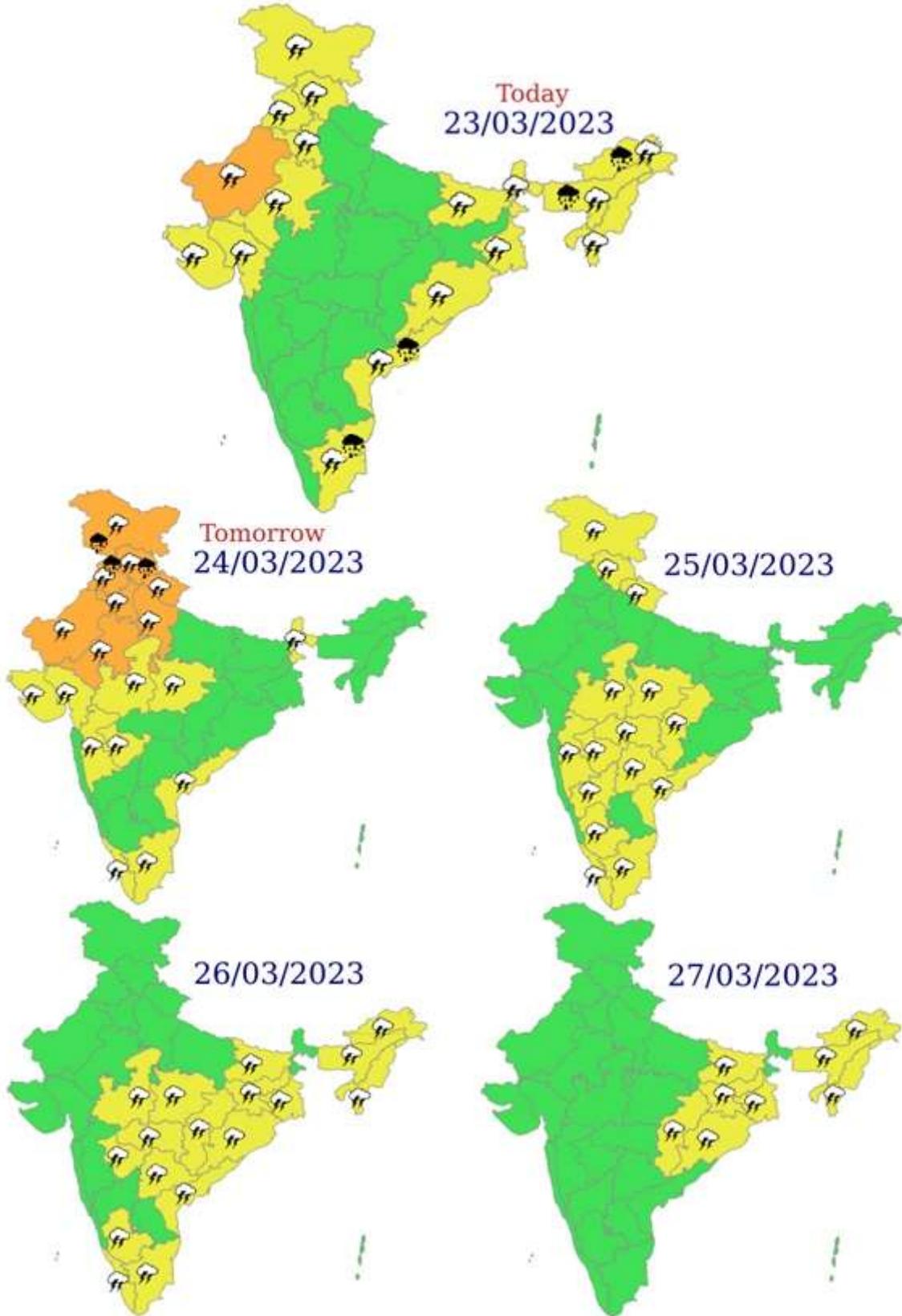
♦ **Thunderstorm accompanied with lightning, hail & gusty wind (40-50 kmph)** very likely at isolated places over Punjab, Haryana; **with lightning, hail & gusty wind (30-40 kmph)** over West Uttar Pradesh, north Rajasthan; **with lightning, hail** over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand and **with lightning** over Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Madhya Maharashtra, Marathawada, Gujarat State, Tamilnadu, Puducherry & Karaikal, Kerala & Mahe and Coastal Andhra Pradesh & Yanam.

♦ **Squally wind (speed reaching 45-55 kmph gusting to 65 kmph)** very likely over Northeast & adjoining Northwest Arabian Sea. Fishermen are advised not to venture into these area.

**25 March (Day 3):** ♦ **Thunderstorm accompanied with lightning, hail & gusty wind (30-40 kmph)** very likely at isolated places over Madhya Pradesh, Vidharbha, Chhattisgarh and Telangana; **with lightning & hail** over Uttarakhand and **with lightning** over Jammu & Kashmir, Himachal Pradesh, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Tamilnadu, Puducherry & Karnataka, Interior Karnataka and Kerala & Mahe.

**26 March (Day 4):** ♦ **Thunderstorm accompanied with lightning, hail & gusty wind (30-40 kmph)** likely at isolated places over East Madhya Pradesh, Chhattisgarh; **with lightning & gusty wind (30-40 kmph)** over West Madhya Pradesh, Odisha, Vidharbha, Telangana and **with lightning** over Bihar, Jharkhand, Gangetic West Bengal, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Marathawada, Coastal Andhra Pradesh & Yanam, South Interior Karnataka, Tamilnadu, Puducherry & Karaikal and Kerala & Mahe.

**27 March (Day 5):** ♦ **Thunderstorm accompanied with lightning & gusty wind (30-40 kmph)** likely over Odisha and **with lightning** over Gangetic West Bengal, Jharkhand, Bihar, Chhattisgarh, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.





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

- **23<sup>rd</sup> March:** Uttarakhand, Punjab, Haryana and West Rajasthan
- **24<sup>th</sup> March:** Jammu division, Himachal Pradesh, Uttarakhand, Punjab, Haryana, West Uttar Pradesh, north Rajasthan
- **25<sup>th</sup> March:** Madhya Pradesh, Vidarbha, Chhattisgarh, Telangana
- **26<sup>th</sup> March:** East Madhya Pradesh, Chhattisgarh

### Impact expected:

- 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:

- 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.

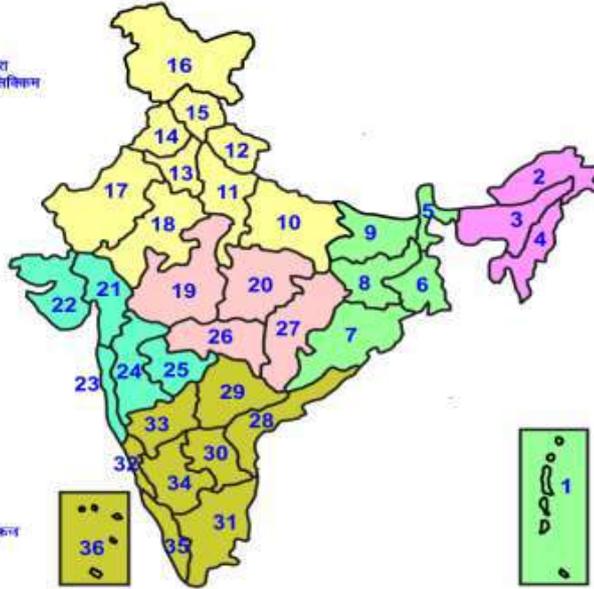
### Advisory for farmers:

- Postpone harvesting of crops in Punjab, Haryana and Arunachal Pradesh; keep already harvested produce in a safe place or cover the heaps of already harvested produce in the field with tarpaulin sheets.
- Postpone sowing of Jute in Sub-Himalayan West Bengal and maize in Sikkim and Arunachal Pradesh.
- Drain out excess water from crop fields.
- Provide mechanical support to horticultural crops and staking to vegetables.
- Use hail nets to protect orchards.



## LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मणिपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम गंगेय बंगाल
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवंम लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सोमप्रद एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठवाड़ा
- 26 विदर्भ
- 27 उत्तरीमध्य
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 तमिलनाडु
- 31 तमिलनाडु, पुदुचेरी एवंम कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवंम 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. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidharbha
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)

## 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.