



## All India Impact Based Weather Warning Bulletin

Sunday 22 May 2022

Time of Issue: 0800 hours IST

(MORNING)

**22 May (Day 1):** ♦ **Heavy rainfall** at isolated places very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Sub-Himalayan West Bengal-Sikkim, Bihar, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Kerala & Mahe.

♦ **Thundersquall accompanied with lightning/gusty winds (speed 50-60 kmph) & hail** at isolated places very likely over Uttarakhand and Sub-Himalayan West Bengal-Sikkim; **with thunderstorm/lightning/gusty winds (speed 40-50 kmph) & hail** at isolated places over Himachal Pradesh and Punjab; **with lightning/gusty winds (speed 30-40 kmph) & hail** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **thundersquall accompanied with lightning/gusty winds (speed 50-60 kmph)** at isolated places over Gangetic West Bengal and Andaman & Nicobar Islands; **thunderstorm with lightning/gusty winds (speed 40-50 kmph)** at isolated places over Haryana, Chandigarh & Delhi and Jharkhand; **with lightning/gusty winds (speed 30-40 kmph)** at isolated places over Uttar Pradesh, Madhya Pradesh, Chhattisgarh and Bihar and with **lightning** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Telangana, Karnataka, Tamilnadu-Puducherry-Karaikal, Lakshadweep and Kerala & Mahe.

♦ **Dust storm/thunderstorm/gusty winds (speed 30-40 kmph)** at isolated places very likely over Rajasthan.

♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** very likely along and off North Kerala-south Karnataka coasts and adjoining Eastcentral Arabian Sea, North Andaman Sea and Eastcentral Bay of Bengal. **Strong wind** with speed of 40-50 kmph gusting to 60 kmph likely over Northeast Arabian Sea & adjoining north Gujarat coast and Southwest Arabian Sea. Fishermen are advised not to venture into these areas.

**23 May (Day 2):** ♦ **Heavy rainfall** at isolated places very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab and Andaman & Nicobar Islands.

♦ **Thundersquall accompanied with lightning/gusty winds (speed 50-60 kmph) & hail** at isolated places very likely over Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi and East Rajasthan; **thunderstorm with lightning/gusty winds (speed 40-50 kmph) & hail** at isolated places over Uttar Pradesh; **thundersquall accompanied with lightning/gusty winds (speed 50-60 kmph)** at isolated places over Uttarakhand and Andaman & Nicobar Islands and West Rajasthan; **with lightning/gusty winds (speed 40-50 kmph)** at isolated places over Jharkhand and Gangetic West Bengal; **with lightning/gusty winds (speed 30-40 kmph)** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Chhattisgarh and Bihar and with **lightning** at isolated places over Sub-Himalayan West Bengal-Sikkim, Odisha, Telangana, Lakshadweep and Kerala & Mahe.

♦ **Dust storm/thunderstorm/gusty winds (speed 30-40 kmph)** at isolated places very likely over Rajasthan.

♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** very likely along and off North Kerala-south Karnataka coasts and adjoining Eastcentral Arabian Sea, North Andaman Sea and Eastcentral & westcentral Bay of Bengal. **Strong wind** with speed of 40-50 kmph gusting to 60 kmph likely over Southwest Arabian Sea. Fishermen are advised not to venture into these areas.

\* Red color warning does not mean "Red Alert" Red color 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

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**24 May (Day 3): ♦ Heavy rainfall** at isolated places likely over Andaman & Nicobar Islands.

♦ **Thundersquall accompanied with lightning/gusty winds (speed 50-60 kmph)** at isolated places likely over Andaman & Nicobar Islands; **thunderstorm accompanied with lightning/gusty winds (speed 40-50 kmph)** at isolated places over Himachal Pradesh and Jharkhand; **gusty winds (speed 30-40 kmph)** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Chhattisgarh and Gangetic West Bengal and with **lightning** at isolated places over Bihar, Odisha, Lakshadweep and Kerala & Mahe.

♦ **Dust storm/thunderstorm/gusty winds (speed 30-40 kmph)** at isolated places very likely over Rajasthan.

♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** likely over north Andaman Sea, Eastcentral & southwest Bay of Bengal. **Strong wind** with speed of 40-50 kmph gusting to 60 kmph likely over Southwest Arabian Sea. Fishermen are advised not to venture into these area.

**25 May (Day 4): ♦ Thunderstorm accompanied with lightning/gusty winds (speed 40-50 kmph)** at isolated places likely over Andaman & Nicobar Islands; **gusty winds (speed 30-40 kmph)** at isolated places over Uttarakhand, Madhya Pradesh, Vidarbha and Chhattisgarh and with **lightning** at isolated places over Jharkhand, Odisha, Telangana, Lakshadweep and Kerala & Mahe.

♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** likely over north Andaman Sea, Eastcentral Bay of Bengal. **Strong wind** with speed of 40-50 kmph gusting to 60 kmph likely over Southwest Arabian Sea. Fishermen are advised not to venture into these area.

**26 May (Day 5): ♦ Thunderstorm accompanied with lightning/gusty winds (speed 40-50 kmph)** at isolated places likely over Andaman & Nicobar Islands; **gusty winds (speed 30-40 kmph)** at isolated places over Himachal Pradesh, Uttarakhand, East Madhya Pradesh, Chhattisgarh, Jharkhand and Gangetic West Bengal and **with lightning** at isolated places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Telangana, Odisha, Coastal Andhra Pradesh & Yanam, Rayalaseema, Lakshadweep and Kerala & Mahe.

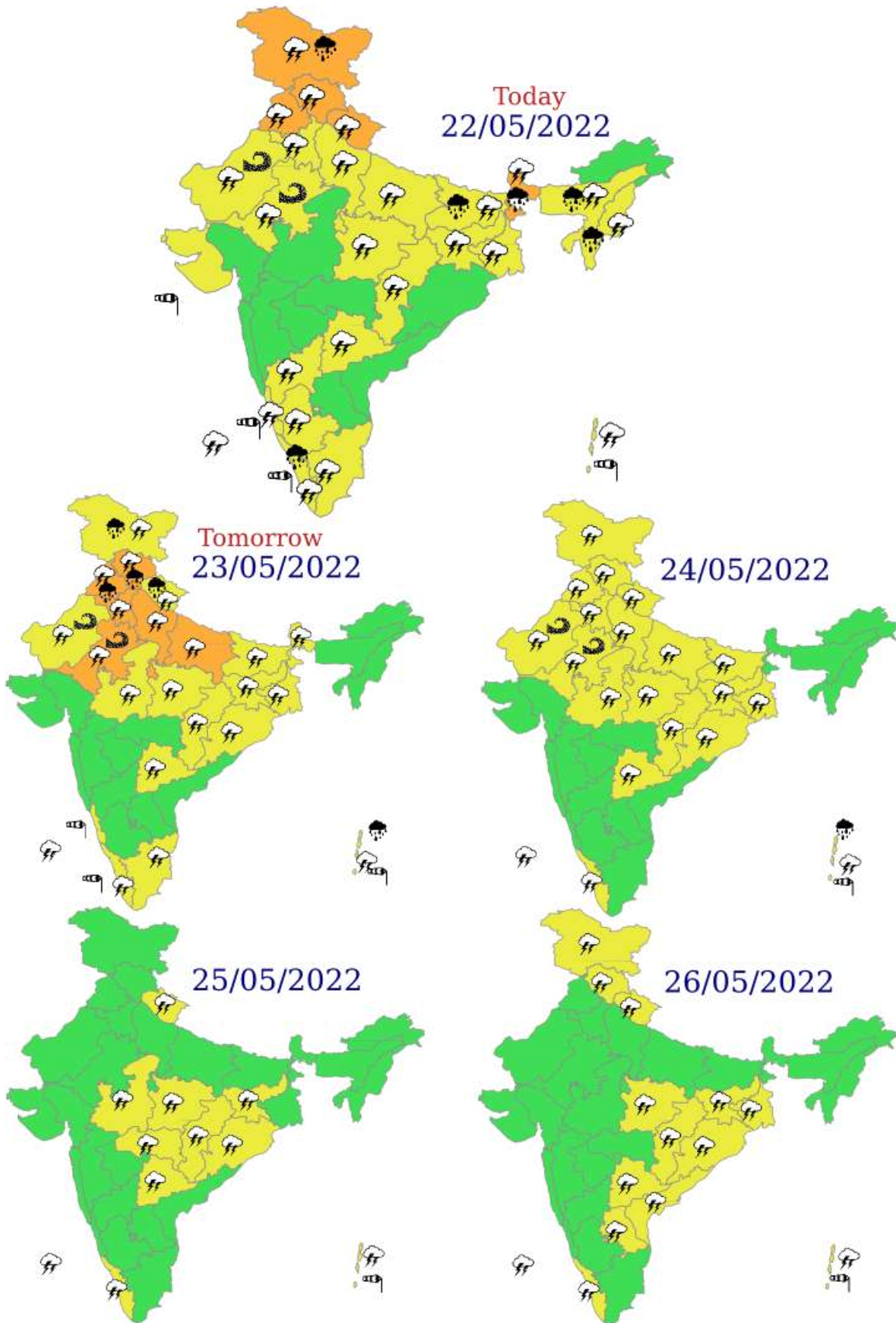
♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** likely over north Andaman Sea, Eastcentral Bay of Bengal. **Strong wind with speed of 40-50 kmph gusting to 60 kmph** likely over Southwest Arabian Sea. **Fishermen** are advised not to venture into these area.

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**EXPECTED IMPACT & ACTION SUGGESTED due to Thundersquall with lightning/hail** over Jammu & Kashmir on 22<sup>nd</sup>; over Himachal Pradesh & Punjab on 22<sup>nd</sup> & 23<sup>rd</sup>; over Uttarakhand on 22<sup>nd</sup>; over Uttar Pradesh, Rajasthan and Haryana, Chandigarh & Delhi on 23<sup>rd</sup> and over Sub-Himalayan West Bengal on 22<sup>nd</sup> May, 2022.

**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.
- Farming operations may be suspended during the event.

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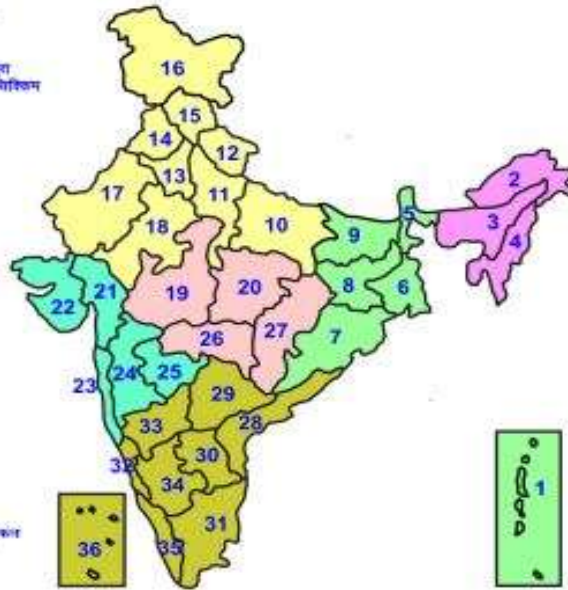
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## LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 मकरांड मणिपुर मीझोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल ऐंग्म मित्रिफम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ ऐंग्म दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर ऐंग्म लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात
- 22 सौराष्ट्र
- 23 कर्नाटक ऐंग्म कोक
- 24 मध्य प्रदेश
- 25 मराठवाड़ा
- 26 विहार
- 27 छत्तीसगढ़
- 28 आंध्र प्रदेश ऐंग्म यानम
- 29 तेलंगाना
- 30 कर्नाटक
- 31 तमिलनाडु ऐंग्म पुदुचेरी ऐंग्म कर्नाटक
- 32 उत्तर प्रदेश
- 33 उत्तराखंड
- 34 उत्तराखंड
- 35 केरल ऐंग्म 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, Ctd & 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 & Karakal
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.

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