



All India Impact Based Weather Warning Bulletin

Thursday 19 May 2022

Time of Issue: 2000 hours IST

(NIGHT)

19 May (Day 1): ♦ **Heavy to very heavy rainfall** with **extremely heavy rainfall** at isolated places very likely over Meghalaya and Coastal Karnataka; **heavy to very heavy rainfall** at isolated places over Assam, Arunachal Pradesh, Andaman-Nicobar Islands and South Interior Karnataka and **heavy rainfall** at isolated places over Sub-Himalayan West Bengal-Sikkim, Nagaland, Manipur, Mizoram & Tripura, Konkan-Goa, North Interior Karnataka, Rayalaseema, Kerala & Mahe and Tamilnadu-Puducherry-Karaikal.

♦ **Heat wave conditions** in some pockets very likely over West Rajasthan and isolated places very likely over south Punjab, south Haryana & Delhi, south Uttar Pradesh, East Rajasthan, Madhya Pradesh and Vidarbha.

♦ **Thundersquall accompanied with lightning & gusty winds (speed 50-60 kmph)** at isolated places very likely over Andaman-Nicobar Islands and Rayalaseema; **Thunderstorm accompanied with lightning & gusty winds (speed 30-40 kmph) & hail** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **gusty winds (speed 30-40 kmph)** at isolated places over East Madhya Pradesh, Vidarbha, Rayalaseema and Telangana and with **lightning** at isolated places over Chhattisgarh, Bihar, Jharkhand, Odisha, West Bengal-Sikkim, Madhya Maharashtra, Konkan-Goa, Marathwada, Arunachal Pradesh, Assam-Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Coastal Andhra Pradesh-Yanam, Karnataka, Tamilnadu-Puducherry-Karaikal, Lakshadweep and Kerala-Mahe.

♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** very likely over along and off Kerala and Karnataka coasts, Lakshadweep area, Goa and south Konkan coasts, Andaman Sea and adjoining east central Bay of Bengal. **Strong winds (wind speed 40-50 kmph gusting to 60 kmph)** likely over south west Arabian Sea. Fishermen are advised not to venture into these areas.

20 May (Day 2): ♦ **Heavy to very heavy rainfall** at isolated places very likely over Assam-Meghalaya and **heavy rainfall** at isolated places over Sub-Himalayan West Bengal-Sikkim, Andaman & Nicobar Islands, Arunachal Pradesh, Konkan & Goa, Kerala-Mahe and Karnataka.

♦ **Heat wave conditions** in many parts with **severe heat wave conditions** in isolated pockets very likely over West Rajasthan and **heat wave conditions** in some parts over East Rajasthan and in isolated pockets over south Punjab, south Haryana & Delhi, south Uttar Pradesh and Madhya Pradesh.

♦ **Thundersquall accompanied with lightning & gusty winds (speed 50-60 kmph)** at isolated places very likely over Andaman-Nicobar Islands and Rayalaseema; **Thunderstorm accompanied with lightning & gusty winds (speed 30-40 kmph)** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Telangana and with **lightning** at isolated places over Himachal Pradesh, Punjab, Haryana, Vidarbha, Chhattisgarh, Bihar, Jharkhand, Odisha, West Bengal-Sikkim, Assam & Meghalaya, Madhya Maharashtra, Konkan-Goa, Marathwada, Coastal Andhra Pradesh-Yanam, Rayalaseema, Karnataka, Tamilnadu-Puducherry-Karaikal, Lakshadweep and Kerala-Mahe.

♦ **Dust storm/thunderstorm** at isolated places very likely over Uttar Pradesh.

♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** very likely over along and off Kerala and Karnataka coasts, Lakshadweep area, Goa and south Konkan coasts, north Andaman Sea, east central Bay of Bengal and adjoining north east Bay of Bengal. **Strong winds (wind speed 40-50 kmph gusting to 60 kmph)** likely over south west 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".

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21 May (Day 3): ♦ **Heavy to very heavy rainfall with extremely heavy falls** at isolated places very likely over Meghalaya and **heavy rainfall** at isolated places over Assam, Nagaland, Manipur, Mizoram & Tripura, Arunachal Pradesh, Sub-Himalayan West Bengal-Sikkim, Andaman & Nicobar Islands and Kerala-Mahe.

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

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

♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** very likely over east central Arabian Sea, north Andaman Sea & adjoining east central Bay of Bengal. **Strong winds (wind speed 40-50 kmph gusting to 60 kmph)** likely over south west Arabian Sea. Fishermen are advised not to venture into these areas.

22 May (Day 4): ♦ **Heavy rainfall** at isolated places likely over Sub-Himalayan West Bengal-Sikkim, Andaman & Nicobar Islands, Assam & Meghalaya and Kerala & Mahe.

♦ **Thundersquall accompanied with lightning/gusty winds (speed 60-70 kmph) & hail** at isolated places likely over Uttarakhand; **thunderstorm accompanied with lightning/gusty winds (speed 30-40 kmph) & hail** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi; **with lightning/gusty winds (speed 40-50 kmph)** at isolated places over Andaman & Nicobar Islands; **gusty winds (speed 30-40 kmph)** at isolated places over East Madhya Pradesh and with **lightning** at isolated places over Uttar Pradesh, West Madhya Pradesh, Bihar, Jharkhand, Chhattisgarh, Gangetic West Bengal, Lakshadweep and Kerala & Mahe.

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

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

23 May (Day 5): ♦ **Heavy rainfall** at isolated places likely over Andaman & Nicobar Islands and Kerala & Mahe.

♦ **Thundersquall accompanied with lightning/gusty winds (speed 60-70 kmph) & hail** at isolated places likely over Uttarakhand; **with lightning/gusty winds (speed 50-60 kmph)** at isolated places likely over East Rajasthan; **thunderstorm accompanied with lightning/gusty winds (speed 30-40 kmph) & hail** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttar Pradesh; **with lightning/gusty winds (speed 40-50 kmph)** at isolated places over Andaman & Nicobar Islands; **gusty winds (speed 30-40 kmph)** at isolated places over East Madhya Pradesh and with **lightning** at isolated places over Himachal Pradesh, Punjab, Haryana, Chandigarh & Delhi, West Rajasthan, West Madhya Pradesh, Jharkhand, Chhattisgarh, Gangetic West Bengal, Lakshadweep and Kerala & Mahe.

♦ **Dust storm/thunderstorm** at isolated places likely over East Rajasthan.

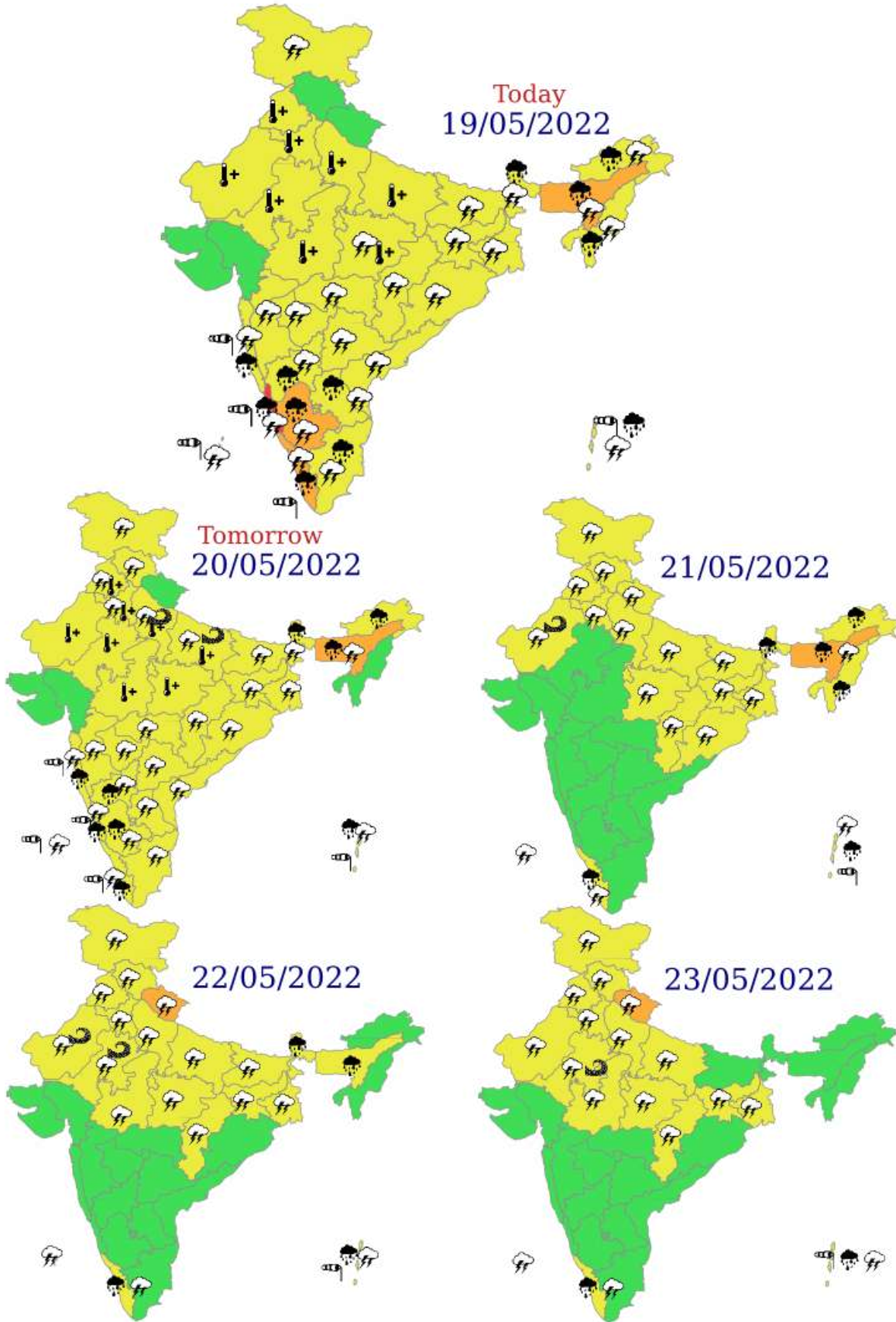
♦ **Squally weather (wind speed 40-50 kmph gusting to 60 kmph)** very likely over Kerala coasts, Lakshadweep area, north Andaman Sea & adjoining east central Bay of Bengal. **Strong winds (wind speed 40-50 kmph gusting to 60 kmph)** likely over south west Arabian Sea. Fishermen are advised not to venture into these areas.

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EXPECTED IMPACT & ACTION SUGGESTED due to heavy to very heavy/extremely heavy rainfall over Karnataka during 19th & 20th and over Assam-Meghalaya, Sub-Himalayan West Bengal and Andaman & Nicobar Islands during next 4 days.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above 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)

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.

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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 सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिशा
- 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 पश्चिम ऐंग्म मध्य प्रदेश
- 25 मध्य प्रदेश
- 26 मराठवाड़ा
- 27 चhattisgarh
- 28 Coastal Andhra Pradesh & Yanam
- 29 तेलंगाना
- 30 कर्नाटक
- 31 तमिलनाडु ऐंग्म केरल
- 32 पश्चिम ऐंग्म मध्य प्रदेश
- 33 उत्तर प्रदेश
- 34 उत्तर प्रदेश
- 35 केरल ऐंग्म मध्य प्रदेश
- 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

Strong Winds

Frost

Heavy Snow

Visibility

Cold Wave

Thunderstorm

Cyclone

Heat Wave

Dust Storm

Squall/ Hail

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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