

Friday, September 29, 2023
Time of Issue: 0745 hours IST
(MORNING)

All India Impact Based Weather Warning Bulletin

29 September (Day 1): -

- ❖ **Heavy to very heavy rainfall** very likely at isolated places over Andaman & Nicobar Islands, Madhya Maharashtra, Coastal Karnataka and Konkan & Goa; **Heavy rainfall** at isolated places over Gangetic West Bengal, Odisha, Nagaland, Manipur, Mizoram & Tripura, Interior Karnataka, Kerala & Mahe, Ghat areas of Tamil Nadu.
- ❖ **Thunderstorm with lightning & gusty winds (speed 30-40 kmph)** very likely at isolated places over Andaman & Nicobar Islands and Kerala & Mahe; **with lightning** likely at isolated places over Vidarbha, Chhattisgarh, West Bengal & Sikkim, Jharkhand, Odisha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Konkan & Goa, Madhya Maharashtra, Marathwada, Karnataka, Telangana, Lakshadweep, Tamil Nadu, Puducherry & Karaikal.
- ❖ **Squally wind speed of 45-55 kmph gusting to 65 kmph** very likely over Southwest and adjoining Westcentral Arabian Sea, Gulf of Mannar and **Squally weather speed of 45-55 kmph gusting to 65 kmph** likely over South, Eastcentral & adjoining North Bay of Bengal and North Andaman Sea; **Squally weather speed of 40-45 kmph gusting to 55 kmph** over East central along & off Maharashtra, Karnataka & Kerala coasts, Lakshadweep area. **Fishermen are advised not to venture into these areas.**

30 September (Day 2): -

- ❖ **Heavy to very heavy rainfall** very likely at isolated places over Andaman & Nicobar Islands, Coastal Karnataka and Konkan & Goa; **Heavy rainfall** at isolated places over Chhattisgarh, Gangetic West Bengal, Odisha, Jharkhand, Madhya Maharashtra, Kerala & Mahe.
- ❖ **Thunderstorm with lightning & gusty winds (speed 30-40 kmph)** very likely at isolated places over Andaman & Nicobar Islands and Kerala & Mahe; **with lightning** likely at isolated places over East Madhya Pradesh, Vidarbha, Chhattisgarh, Sub-Himalaya West Bengal & Sikkim, Bihar, Jharkhand, Odisha, Konkan & Goa, Madhya Maharashtra, Marathwada, Telangana, Lakshadweep.
- ❖ **Squally wind speed of 45-55 kmph gusting to 65 kmph** very likely over Southwest and adjoining Westcentral Arabian Sea, Gulf of Mannar and **Squally weather speed of 45-55 kmph gusting to 65 kmph** likely over South & adjoining Central Bay of Bengal, North Bay of Bengal, North Andaman Sea; **Squally weather speed of 40-45 kmph gusting to 55 kmph** over South Maharashtra-Karnataka-North Kerala coasts and Lakshadweep areas. **Fishermen are advised not to venture into these areas.**

01 October (Day 3): -

- ❖ **Heavy to very heavy rainfall** very likely at isolated places over Odisha; **Heavy rainfall** at isolated places over Chhattisgarh, Andaman & Nicobar Islands, Jharkhand, Konkan & Goa, Coastal Karnataka and Kerala & Mahe.
- ❖ **Thunderstorm with lightning & gusty winds (speed 30-40 kmph)** very likely at isolated places over Andaman & Nicobar Islands and Kerala & Mahe; **with lightning** likely at isolated places over East Madhya Pradesh, Chhattisgarh, Sub-Himalaya West Bengal & Sikkim, Bihar, Jharkhand, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Lakshadweep.
- ❖ **Squally wind speed of 45-55 kmph gusting to 65 kmph** very likely over Southwest and adjoining Westcentral Arabian Sea and **Squally weather speed of 45-55 kmph gusting to 65 kmph** likely over South & adjoining Central Bay of Bengal, North Bay of Bengal, North Andaman Sea; **Squally weather speed of 40-45 kmph gusting to 55 kmph** over South Maharashtra. **Fishermen are advised not to venture into these areas.**

02 October (Day 4): -

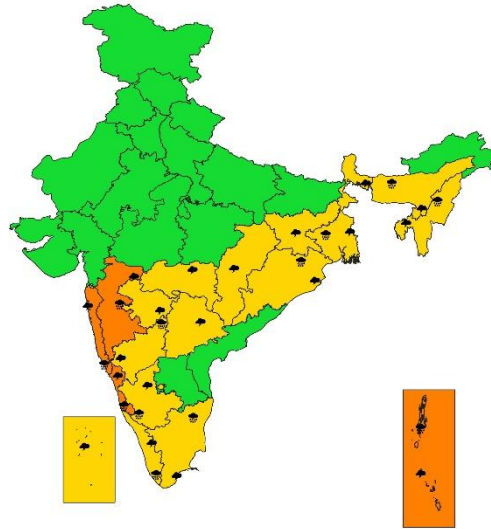
- ❖ **Heavy to very heavy rainfall** likely at isolated places over Odisha; **Heavy rainfall** at isolated places over Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Bihar, Jharkhand, Assam & Meghalaya.
- ❖ **Thunderstorm with lightning** likely at isolated places over East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, Coastal Andhra Pradesh & Yanam, Telangana, Kerala & Mahe and Lakshadweep.
- ❖ **Squally wind speed of 45-55 kmph gusting to 65 kmph** likely over Southwest and adjoining Westcentral Arabian Sea and **Squally weather speed of 45-55 kmph gusting to 65 kmph** likely over South, Central and Northwest Bay of Bengal. **Fishermen are advised not to venture into these areas.**

03 October (Day 5): -

- ❖ **Heavy to very heavy rainfall** likely at isolated places over Sub-Himalayan West Bengal & Sikkim and north Bihar; **Heavy rainfall** at isolated places over Chhattisgarh, Gangetic West Bengal, Odisha, Jharkhand, Assam & Meghalaya and north Coastal Andhra Pradesh & Yanam.
- ❖ **Thunderstorm with lightning** likely at isolated places over East Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Bihar, Jharkhand, Coastal Andhra Pradesh & Yanam, Telangana, Kerala & Mahe and Lakshadweep.
- ❖ **Squally wind speed of 45-55 kmph gusting to 65 kmph** likely over Southwest and adjoining Westcentral Arabian Sea and **Squally weather speed of 45-55 kmph gusting to 65 kmph** likely over South, Central and Northwest Bay of Bengal. **Fishermen are advised not to venture into these areas.**



SUBDIVISIONWISE WEATHER WARNING FOR DAY 1
(29-9-2023)

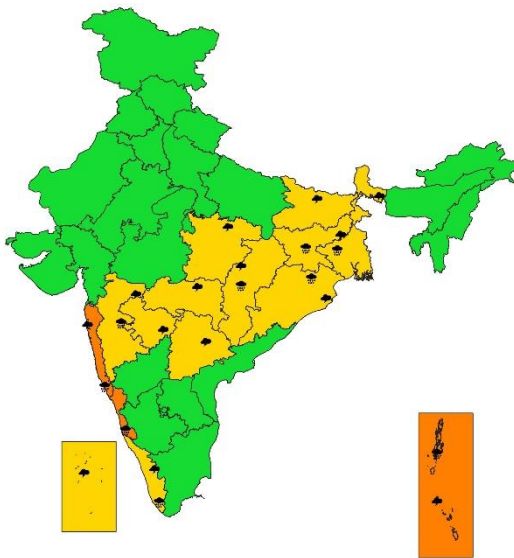


Subdivision Warning
 ☁ Heavy Rain
 ❄ Heavy Snow
 ⚡ Thunderstorms & Lightning
 🌧 Hailstorm
 🌪 Dust Storm
 🌪 Strong Surface Winds
 🌡 Heat Wave
 🌡 Cold wave
 🌫 Fog

Subdivision color
 🟢 NO WARNING
 🟡 WATCH (BE UPDATED)
 🟠 ALERT (BE PREPARED)
 🔴 WARNING (TAKE ACTION)



SUBDIVISIONWISE WEATHER WARNING FOR DAY 2
(30-9-2023)

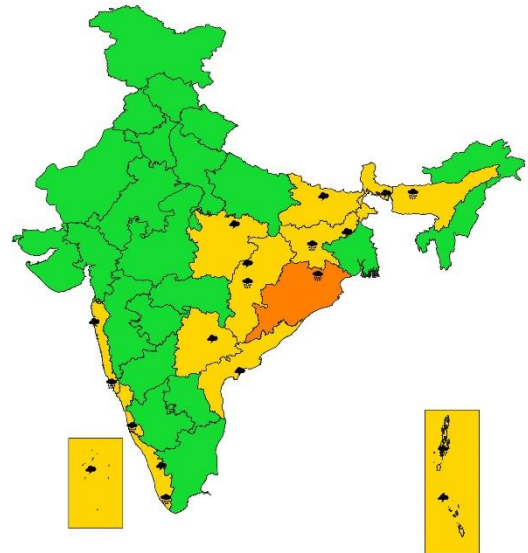


Subdivision Warning
 ☁ Heavy Rain
 ❄ Heavy Snow
 ⚡ Thunderstorms & Lightning
 🌧 Hailstorm
 🌪 Dust Storm
 🌪 Strong Surface Winds
 🌡 Heat Wave
 🌡 Cold wave
 🌫 Fog

Subdivision color
 🟢 NO WARNING
 🟡 WATCH (BE UPDATED)
 🟠 ALERT (BE PREPARED)
 🔴 WARNING (TAKE ACTION)



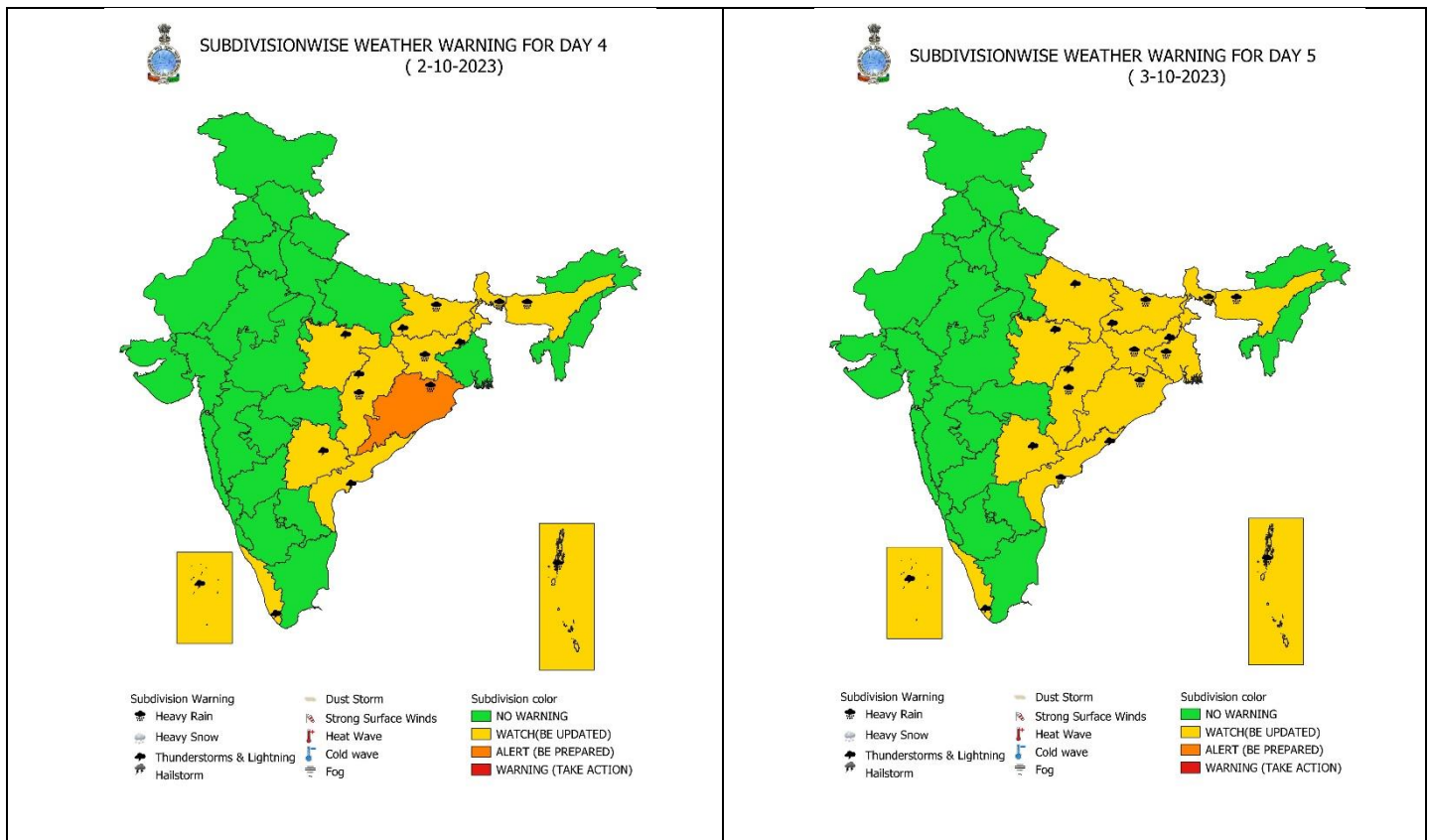
SUBDIVISIONWISE WEATHER WARNING FOR DAY 3
(1-10-2023)



Subdivision Warning
 ☁ Heavy Rain
 ❄ Heavy Snow
 ⚡ Thunderstorms & Lightning
 🌧 Hailstorm
 🌪 Dust Storm
 🌪 Strong Surface Winds
 🌡 Heat Wave
 🌡 Cold wave
 🌫 Fog

Subdivision color
 🟢 NO WARNING
 🟡 WATCH (BE UPDATED)
 🟠 ALERT (BE PREPARED)
 🔴 WARNING (TAKE ACTION)

*** 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 For more details kindly visit <https://mausam.imd.gov.in> or contact : 011-2434-4599
 (Service to the Nation since 1875)



Impact & Action Suggested due to very heavy rainfall over Andaman & Nicobar Islands and Konkan & Goa and Coastal Karnataka on 29th & 30th September; over Madhya Maharashtra on 29th September and over Odisha on 01st & 02nd October.

A. 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 in the hilly areas.
- ❖ 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).

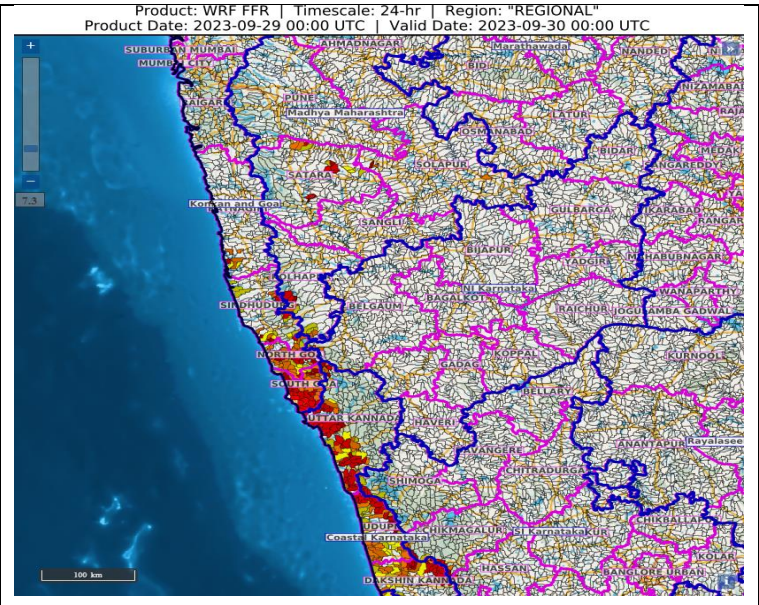
B. Action Suggested

- ❖ 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

**24 hours Outlook for the Flash Flood
Risk (FFR) till 0530 IST of 30-09-2023 :**

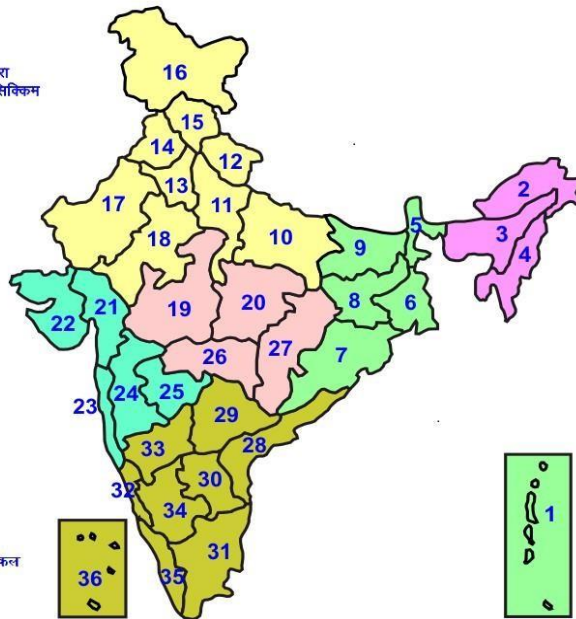
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of Coastal Karnataka, Konkan & Goa adjoining Madhya Maharashtra Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर 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 एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 अंतरिक उत्तरी कर्नाटक
- 34 अंतरिक दक्षिणी 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. Konkan & Goa
24. Madhya Maharashtra
25. Marathawada
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.