

National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Monday, December 04, 2023 Time of Issue: 2100 hours IST (NIGHT)

All India Impact Based Weather Warning Bulletin

04 December (Day 1):

- **\(\Delta\) Heavy to very heavy rainfall** at a few places **with isolated extremely heavy rainfall** very likely over Coastal Andhra Pradesh & Yanam. Exceptionally Heavy rainfall at one or two places over South coastal Andhra Pradesh.
- **Heavy to very heavy rainfall with isolated extremely heavy rainfall** very likely over Rayalaseema and North coastal Tamil Nadu, Puducherry & Karaikal; **Heavy rainfall** at isolated places over Odisha and Telangana.
- ❖ Thunderstorm accompanied with lightning & gusty winds (speed 30-40 kmph) very likely at isolated places over Kerala & Mahe and with lightning at isolated places over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Rayalaseema and Tamil Nadu, Puducherry & Karaikal.
- ❖ Dense Fog very likely in isolated pockets over Punjab, Haryana-Chandigarh-Delhi, West Uttar Pradesh and East Rajasthan.
- ❖ Gale Wind speed reaching 85-95 kmph gusting to 105 kmph is very likely over; Gale Wind speed reaching 90-100 kmph gusting to 110 kmph over Westcentral Bay of Bengal along & off south Andhra Pradesh coast; Gale Wind speed reaching 80-90 kmph gusting to 100 kmph over Nellore district; Gale Wind speed reaching 60-70 kmph gusting to 80 kmph over Southwest Bay of Bengal along & off north Tamil Nadu-Puducherry coasts, along and off remaining districts of south Andhra Pradesh coast; Squally wind speed reaching 50-60 kmph gusting to 65 kmph over north Andhra Pradesh coast; Squally wind speed reaching 35-45 kmph gusting to 55 kmph over Odisha coast. Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph over Northeast Arabian Sea along and off Gujarat coast. Fishermen are advised not to venture into these areas.

05 December (Day 2):

- **Heavy to very heavy rainfall** at a few places **with isolated extremely heavy rainfall** very likely over Coastal Andhra Pradesh & Yanam. Exceptionally Heavy rainfall at one or two places over North coastal & adjoining South coastal Andhra Pradesh & Yanam.
- ❖ Heavy to very heavy rainfall with isolated extremely heavy rainfall very likely over Telangana; Heavy to very heavy rainfall at isolated places likely over South coastal Odisha; Heavy rainfall at isolated places over north Tamil Nadu & Puducherry and Rayalaseema.
- **❖ Thunderstorm accompanied with lightning & gusty winds (speed 30-40 kmph)** very likely at isolated places over Vidarbha, Chhattisgarh and Kerala & Mahe and **with lightning** at isolated places over Rayalaseema and Tamil Nadu, Puducherry & Karaikal.
- ❖ Gale Wind speed reaching 90-100 kmph gusting to 110 kmph over Westcentral Bay of Bengal along & off south Andhra Pradesh coast, along and off Nellore district; Squally weather with wind speed reaching 55-65 kmph gusting to 75 kmph over along and off North Andhra Pradesh coast; Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph over Northeast Arabian Sea along and off Gujarat coast. Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph over along and off Odisha coast. Fishermen are advised not to venture into these areas.

06 December (Day 3):

- ❖ Heavy rainfall likely at isolated places over Chhattisgarh, Odisha, Coastal Andhra Pradesh & Yanam and Telangana.
- **Thunderstorm accompanied with lightning & gusty winds (speed 30-40 kmph)** likely at isolated places over Chhattisgarh and **with lightning** at isolated places over Vidarbha, Marathwada and Kerala & Mahe.

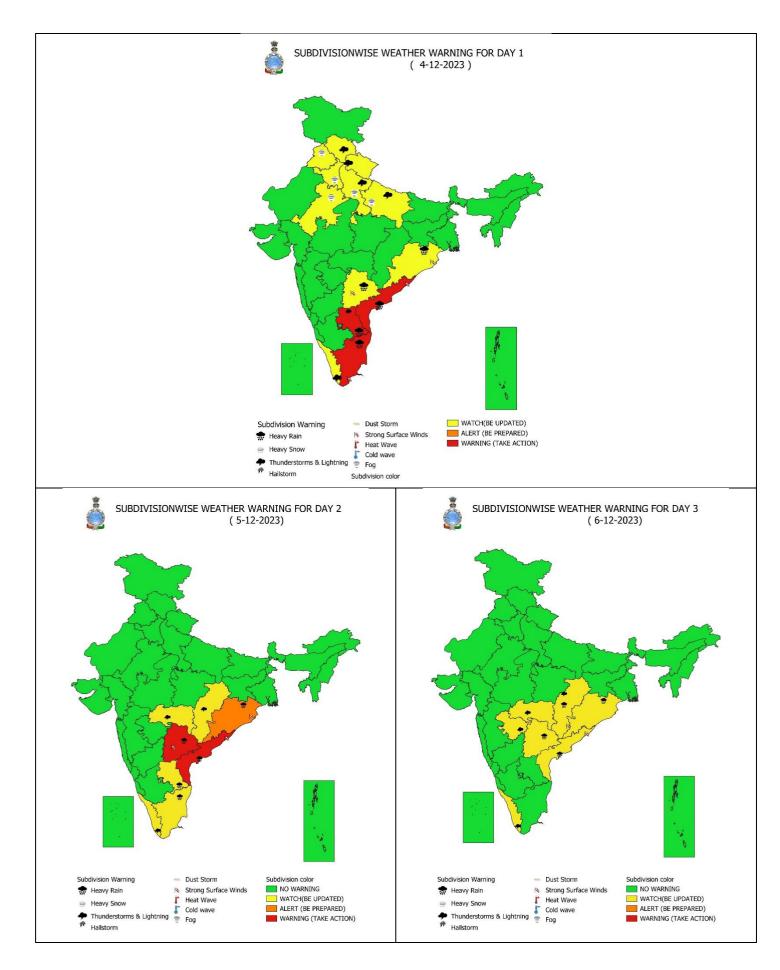
07 December (Day 4):

* Thunderstorm accompanied with lightning likely at isolated places over Jharkhand and Kerala & Mahe.

08 December (Day 5):

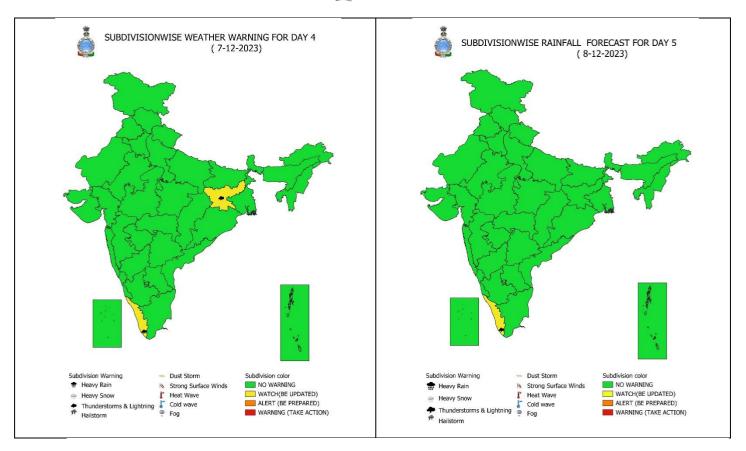
Thunderstorm accompanied with lightning likely at isolated places over Kerala & Mahe.







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i) Damage Expected over coastal districts of South Andhra Pradesh (Nellore, Tirupati Prakasam, Bapatla, Guntur, Krishna and West Godavari) and adjoining coastal districts of North Tamil Nadu-Puducherry:

- Major damage to thatched houses/ huts. Roof tops may blow off. Unattached metal sheets may fly.
- Possibilities of damage to vulnerable structure.
- Breaking of tree branches, uprooting of large avenue trees. Major damage to banana and papaya trees. Large dead limbs blown from trees.
- Minor damage to power and communication lines due to breaking of branches and uprooting of trees.
- Major damage to Kutcha and minor damage to Pucca roads due to heavy rain.
- Damage to paddy crops, horticultural crops and orchards.
- Sea water inundation in low lying areas after erosion of Kutcha embankments
- Inundation of low lying areas in coastal districts due to heavy rainfall and flash flood
- Localized Flooding of roads and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic due to water logging and squally winds
- Localized Landslides/Mudslides
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

(ii) Action Suggested for coastal districts of South Andhra Pradesh and adjoining coastal districts of North Tamil Nadu-Puducherry:

- Total suspension of fishing operations.
- Surface transport and shipping operations need to be regulated
- Onshore & Offshore operation need to be regulated as per guidelines
- Coastal hutment dwellers to be in safer places.
- People in affected areas to remain indoors.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.



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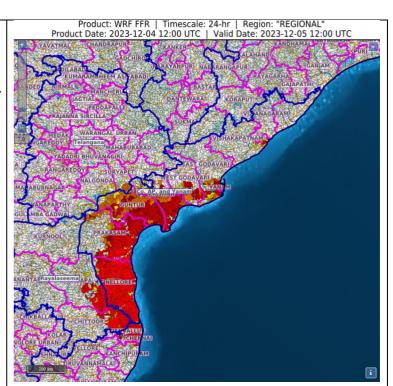
Fishermen Warning: Fishermen are advised not to venture into:

- Southwest Bay of Bengal and along & off North Tamil Nadu-Puducherry Coasts till 5th December.
- Westcentral Bay of Bengal and along & off Andhra Pradesh Coast till 6th December.
- Northwest Bay of Bengal and along & off Odisha coast till 6th December.

Flash Flood Guidance

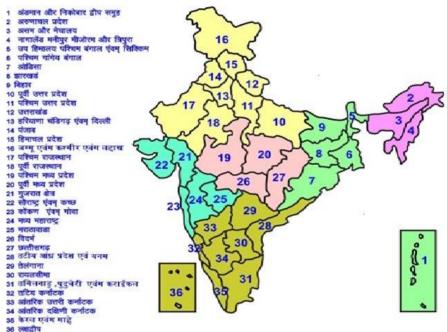
24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 05-12-2023: High flash flood risk likely over few neighbourhoods watersheds & Coastal AP & Yanam - East Godavari, Guntur, Krishna, Prakasam, Spsr Nellore, Vishakhapatnam, West Godavari and Yanam districts, Rayalaseema - Chittoor, Kurnool and Kadapa districts. Telangana - Khammam, Nagarkurnool, Nalgonda and Survapet districts. Tamil Nadu Pudu Karaikal Chennai Tiruvallur districts.

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.









- Andaman & Nicobar Islands
 Arunachal Pradesh
 Assam & Meghalaya
 Nagaland, Manipur, Mizoram & Tripura
 Sub-Himalayan West Bengal & Sikkim
 Gangetic West Bengal
 Josisha
 Jharkhand

- 7, Odsha 8. Jharkhand 9. Bihar 10. East Uttar Pradesh
- 11. West Uttar Pradesh 12. Uttarakhand

- 12. Uttarakhand
 13. Haryana, Chd & Delhi
 14. Punjab
 15. Himachal Pradesh
 16. Jammu & Kashmir and Ladakh
 17. West Rajsthan
 18. East Rajasthan
 19. West Madhya Pradesh
 20. East Madhya Pradesh
 21. Gujarat

- 21. Gujarat 22. Saurashtra
- 23. Konkan & Goa

- 23. Konkan & Goa 24. Madhya Maharashtra 25. Marathawada 26. Vidharbha 27. Chhattisgarh 28. Coastal Andhra Pradesh & Yanam 29. Telangana 30. Rayalaseema 31. Tamilinadh, Puthicherry & Karaikal
- 30. Kayalaseema 31. Tamilhadu, 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 Widespred (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



Heavy Snow





Visibility









Dust Storm



Squall/ Hail



Frost



Cold Wave

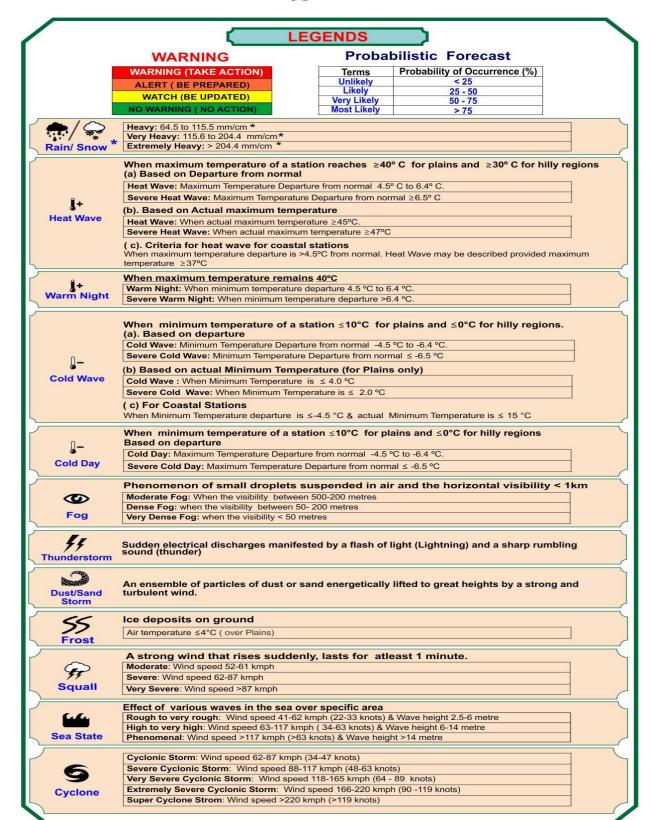


Heat Wave



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.