



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

Press Release

Date: 12th November, 2023

Time of Issue: 1200 hours IST

Subject: i) A Low Pressure Area is likely to form over Southeast Bay of Bengal around 14th November. It is likely to move west-northwestwards and intensify into a Depression over Central & adjoining South Bay of Bengal around 16th November.

ii) A fresh spell of rainfall is likely to commence over South Peninsular India from 14th November.

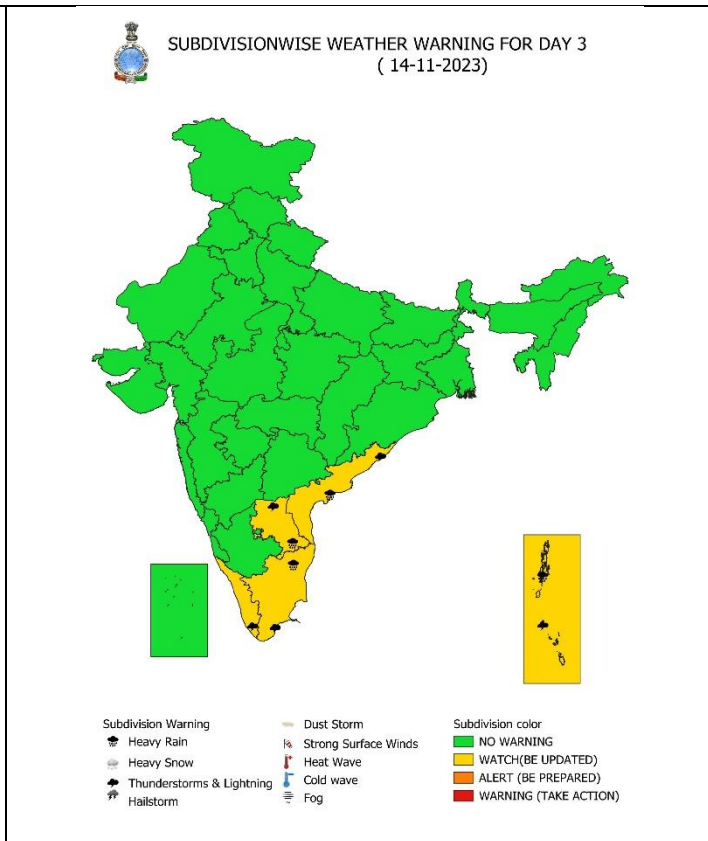
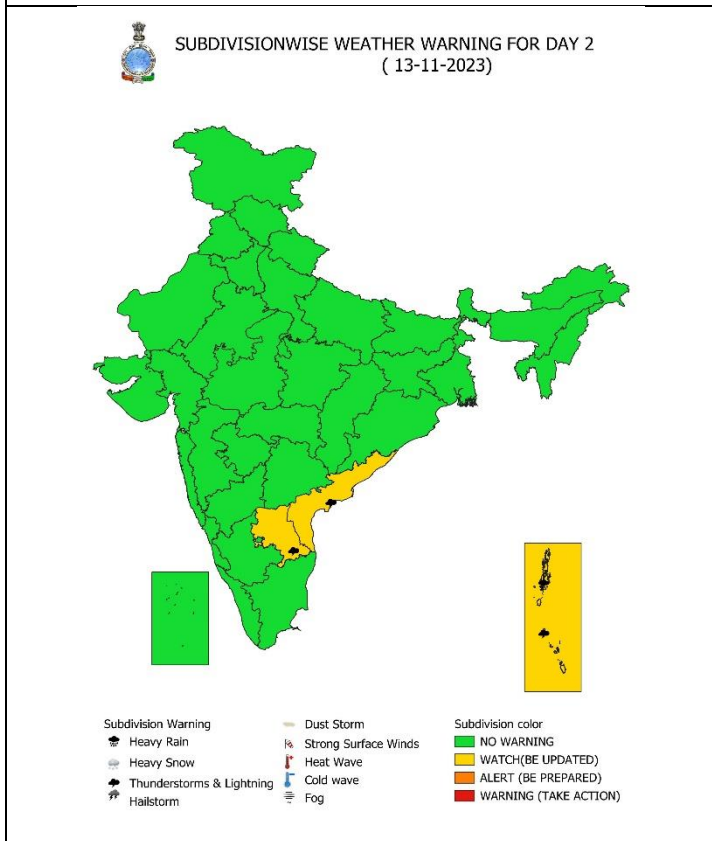
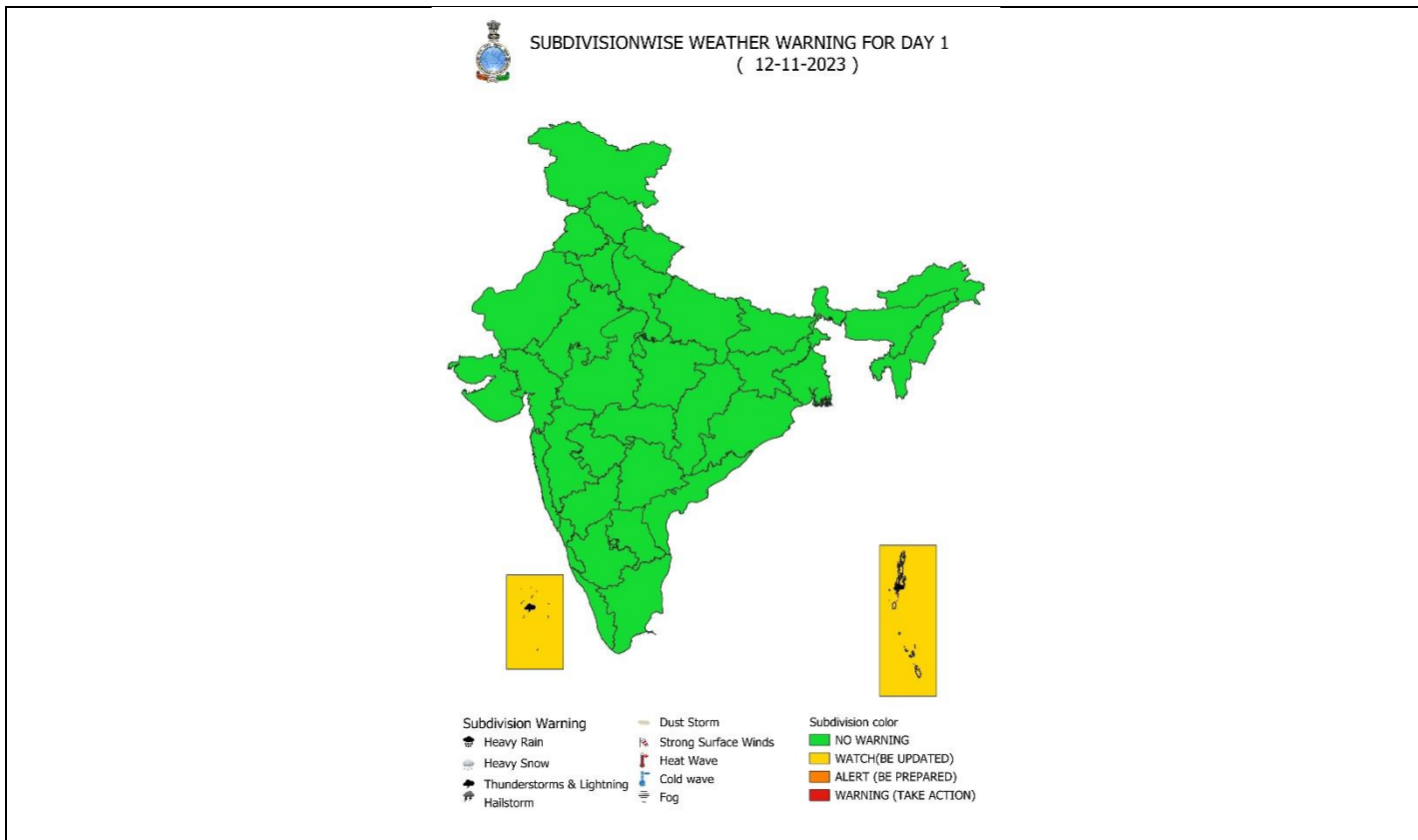
Rainfall recorded during past 24 hours till 0830 hours IST of today:

- ❖ **Light to moderate rainfall** observed at isolated places over Tamil Nadu, Kerala and Lakshadweep.
- ❖ **Significant Rainfall Amount (in cm): Tamil Nadu:** Tirupoondi (dist Nagapattinam) 5; **Kerala:** Aruvikkara (dist Thiruvananthapuram) 3; **Lakshadweep:** Minicoy (dist Lakshadweep) 5

Weather System, forecast & warnings for next 5 days: (Graphics in Annexure I)

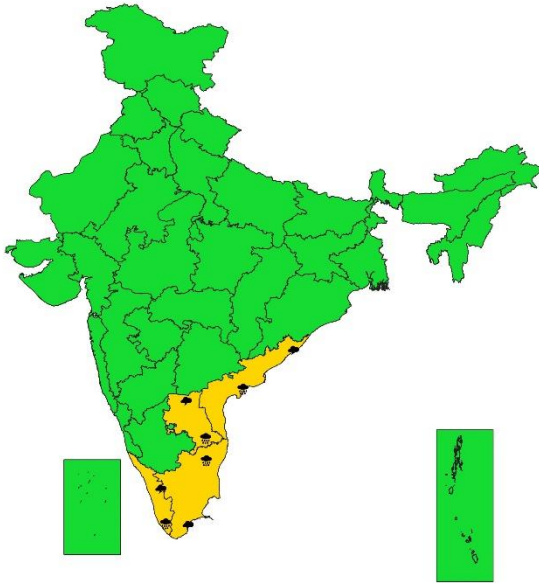
- ❖ A cyclonic circulation lies over Gulf of Thailand and extends upto mid-tropospheric levels tilting southwestwards with height. It is likely to emerge into Andaman Sea on 13th November. Under its influence, a **Low Pressure Area** is likely to form over Southeast Bay of Bengal around 14th November. It is likely to move west-northwestwards and intensify into a Depression over Central & adjoining South Bay of Bengal around 16th November, 2023.
- ❖ **Northeasterly** winds from Bay of Bengal is prevailing over Southeast peninsular India. Under its influence:
 - ✓ Thunderstorm & lightning/gusty winds likely over Tamil Nadu, Puducherry & Karaikal & Kerala & Mahe during 14th-16th November and over Andhra Pradesh & Yanam and Rayalaseema during 13th-15th November.
 - ✓ **Isolated heavy rainfall** also likely over Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal on 14th & 15th November and over Kerala & Mahe on 15th & 16th November.
- ❖ Light/moderate fairly widespread to widespread rainfall very likely over Andaman & Nicobar Islands during next 7 days. Thunderstorm & lightning at isolated places likely during 12th-14th November and with **isolated heavy rainfall** on 13th & 14th November.
- ❖ Fishermen warning (**Graphics in Annexure II**)
 - ✓ Squally weather (wind speed 40-45 kmph gusting to 55 kmph) over Lakshadweep, Comorin area and Gulf of Mannar on 12th November; Andaman Sea on 13th November; over Southwest & adjoining Southeast Bay of Bengal and Andaman Sea on 14th November and over Westcentral Bay of Bengal & adjoining Eastcentral Bay of Bengal, adjoining Southwest & Southeast Bay of Bengal on 15th & 16th November. Fishermen are advised not to venture into these areas.
- ❖ **No significant weather likely over rest parts of the country.**

For more details kindly refer: https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php





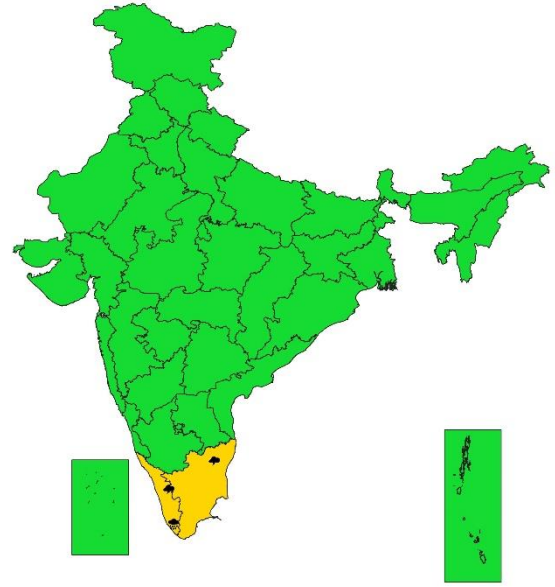
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 4
(15-11-2023)**



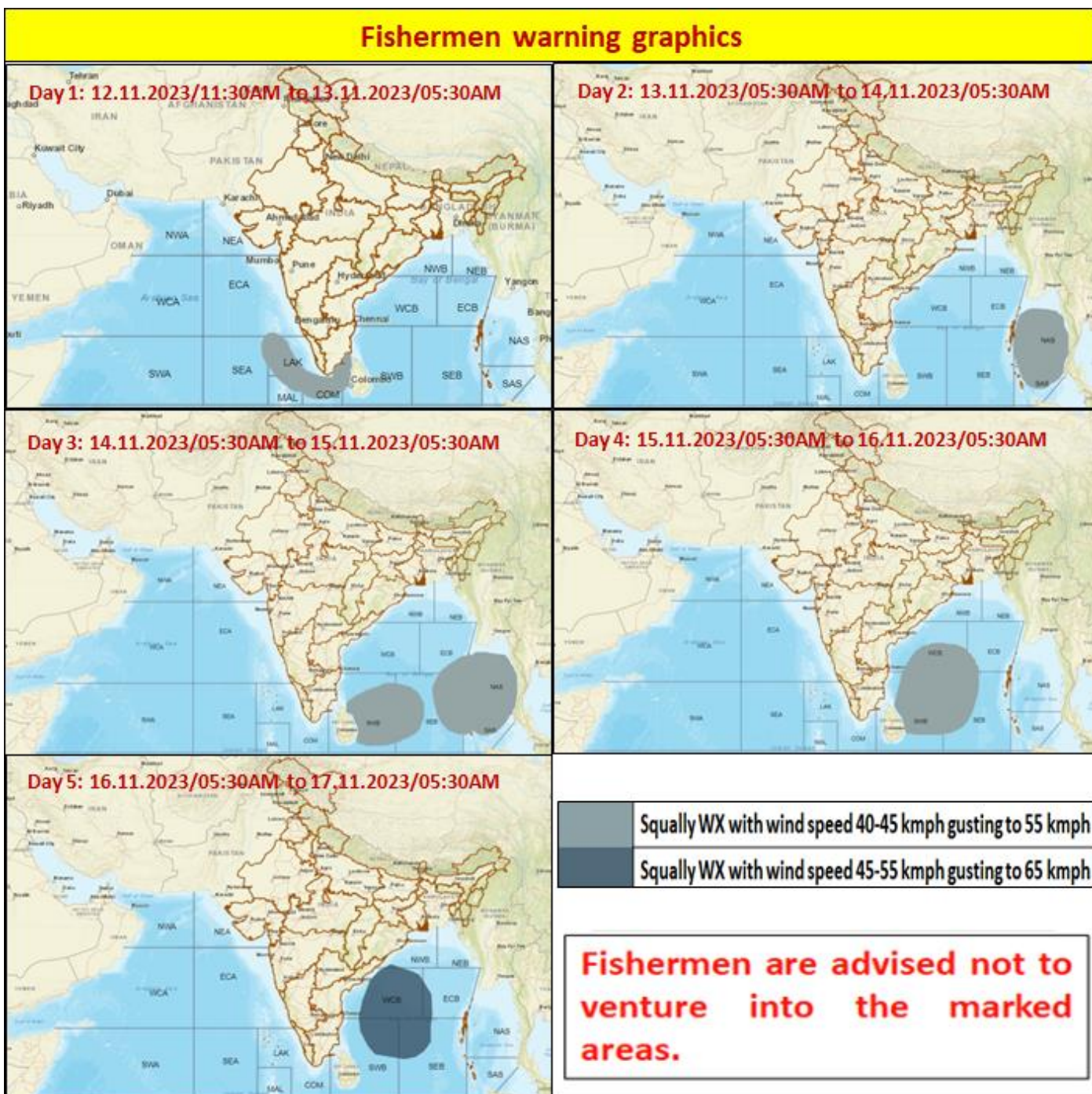
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|----------------------------|----------------------|--------------------------|
| Subdivision Warning | Dust Storm | Subdivision color |
| Heavy Rain | Strong Surface Winds | NO WARNING |
| Heavy Snow | Heat Wave | WATCH(BE UPDATED) |
| Thunderstorms & Lightning | Cold wave | ALERT (BE PREPARED) |
| Hailstorm | Fog | WARNING (TAKE ACTION) |



**SUBDIVISIONWISE WEATHER WARNING FOR DAY 5
(16-11-2023)**
















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|----------------------------|----------------------|--------------------------|
| Subdivision Warning | Dust Storm | Subdivision color |
| Heavy Rain | Strong Surface Winds | NO WARNING |
| Heavy Snow | Heat Wave | WATCH(BE UPDATED) |
| Thunderstorms & Lightning | Cold wave | ALERT (BE PREPARED) |
| Hailstorm | Fog | WARNING (TAKE ACTION) |



Legends:

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalaya West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and 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)

Subdivision Warning	 Dust Storm	Subdivision color
 Heavy Rain	 Strong Surface Winds	 NO WARNING
 Heavy Snow	 Heat Wave	 WATCH (BE UPDATED)
 Thunderstorms & Lightning	 Cold wave	 ALERT (BE PREPARED)
 Hailstorm	 Fog	 WARNING (TAKE ACTION)

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

Flash Flood Risk	
	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)