



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:

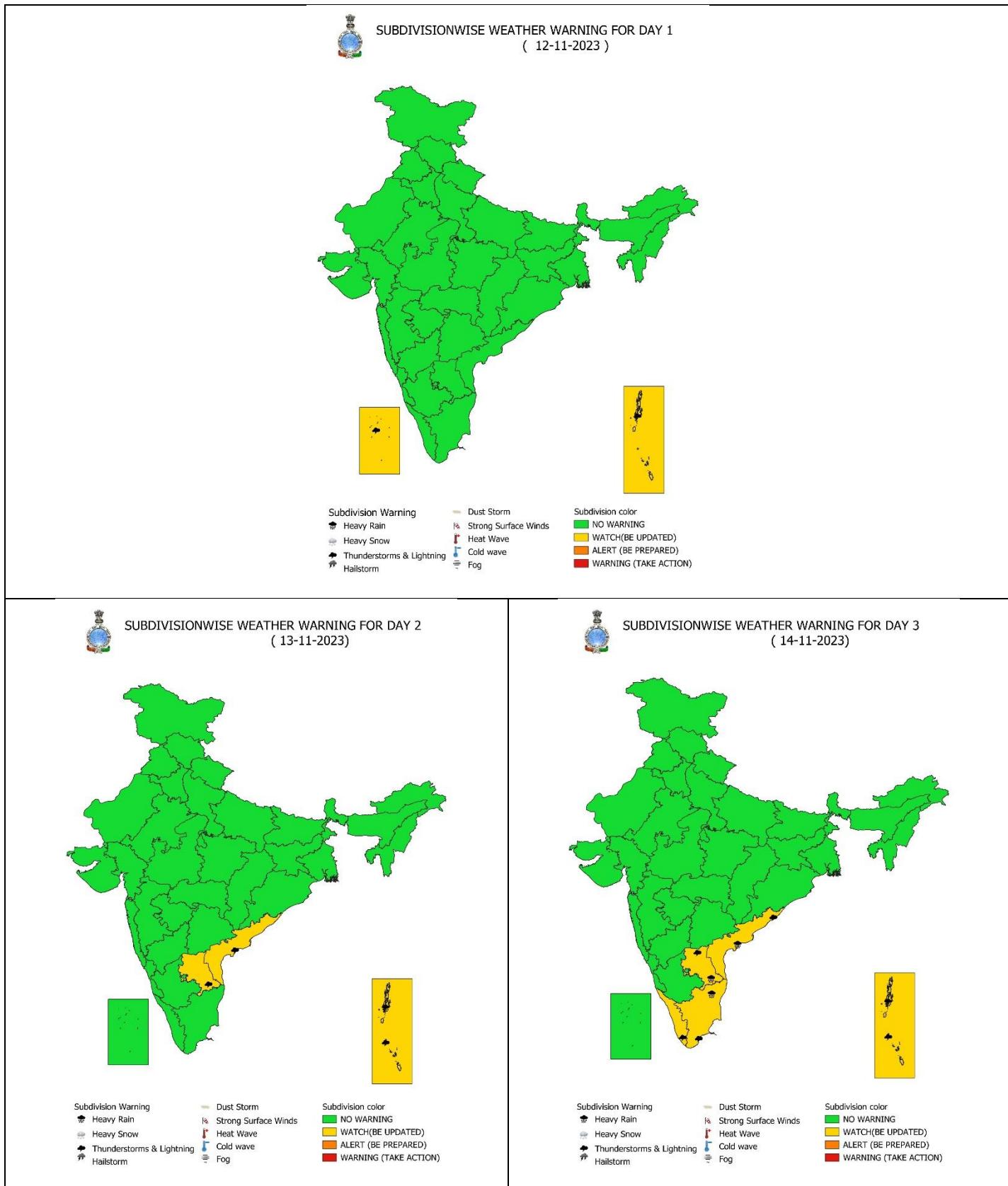
- ❖ Light to moderate rainfall observed at isolated places over Tamil Nadu, Kerala and Lakshadweep.
- ❖ **Significant Rainfall Amount (in cm):** Tamil Nadu: Tirupoondi (dist Nagapattinam) 5; Kerala: Aruvikkara (dist Thiruvananthapuram) 3; Lakshadweep: Minicoy (dist Lakshadweep) 5

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.

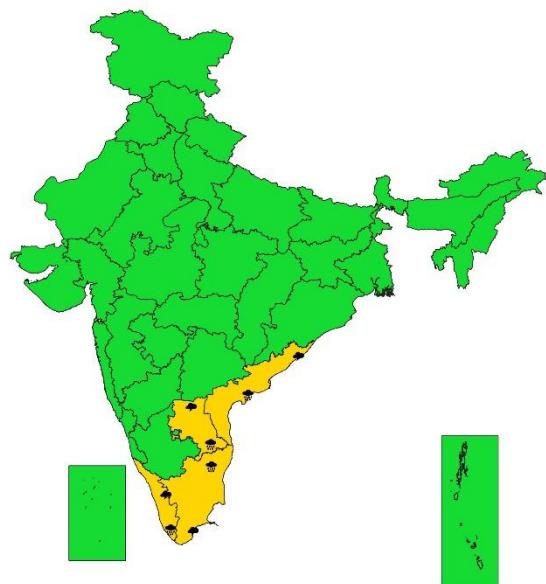
- ❖ **No significant weather likely over rest parts of the country.**

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





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



Subdivision Warning

- Heavy Rain
- Heavy Snow
- Thunderstorms & Lightning
- Hailstorm

Dust Storm

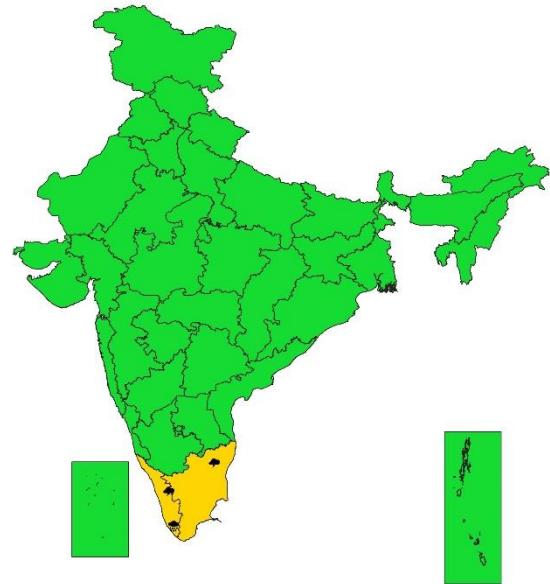
- Strong Surface Winds
- Heat Wave
- Cold wave
- Fog

Subdivision color

- NO WARNING
- WATCH(BE UPDATED)
- ALERT (BE PREPARED)
- WARNING (TAKE ACTION)



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



Subdivision Warning

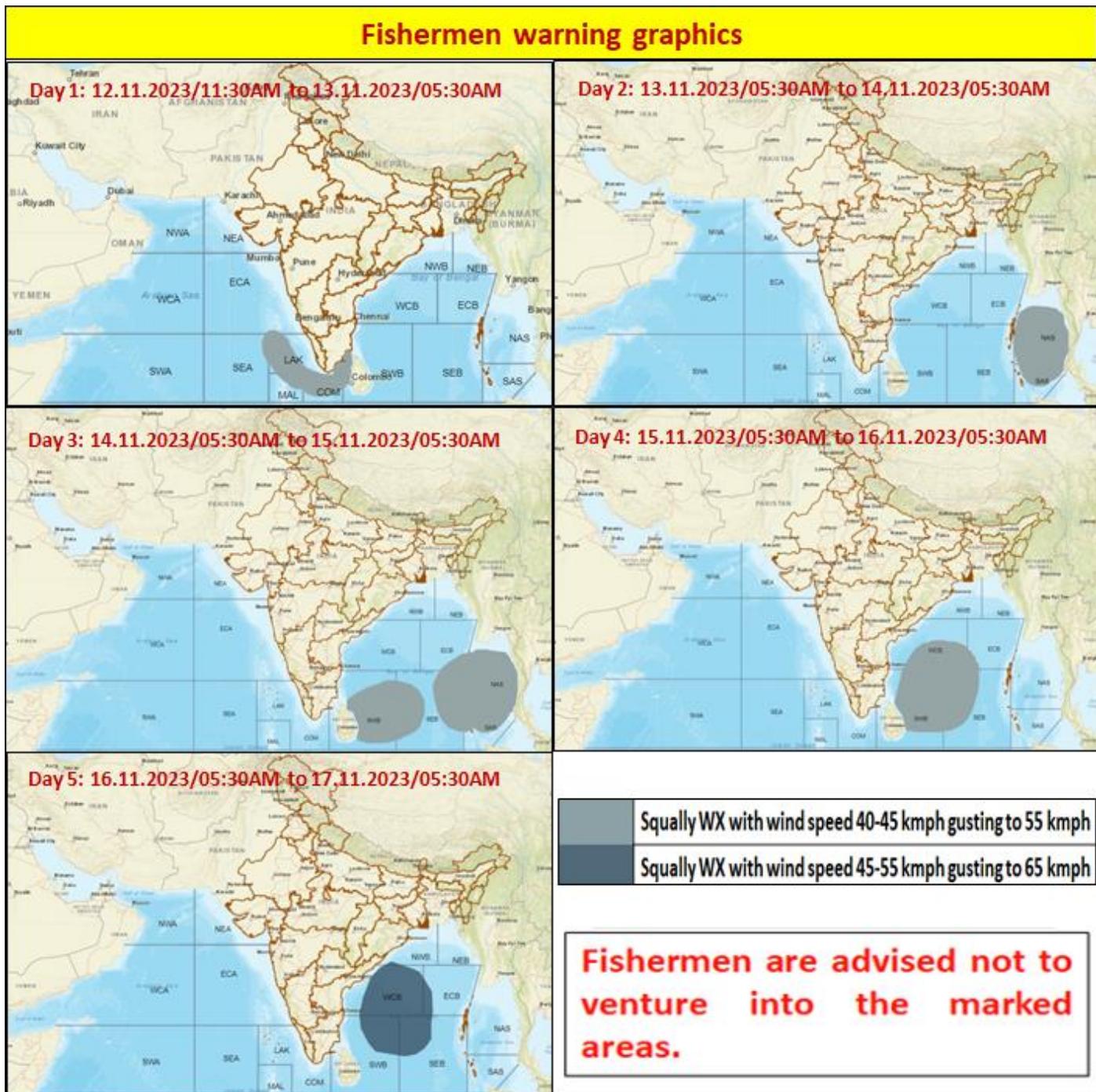
- Heavy Rain
- Heavy Snow
- Thunderstorms & Lightning
- Hailstorm

Dust Storm

- Strong Surface Winds
- Heat Wave
- Cold wave
- Fog

Subdivision color

- NO WARNING
- WATCH(BE UPDATED)
- ALERT (BE PREPARED)
- WARNING (TAKE ACTION)



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 Widespred (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)	