



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 11th November, 2023

Time of Issue: 1345 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, 2023.

ii) The rainfall activity is likely to reduce over south Peninsula during next 3 days. A fresh spell is likely thereafter

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

- ✓ **Heavy to very heavy** at isolated places over Tamil Nadu, Puducherry & Karaikal.
- ✓ **Significant Rainfall Amount (in cm): Tamil Nadu, Puducherry & Karaikal:** Thangachimadam (dist Ramanathapuram) 15, Mandapam (dist Ramanathapuram) 14, Pamban (dist Ramanathapuram) 8, Rameswaram (dist Ramanathapuram) 6, Kalakadu (dist Tirunelveli), Nalumukku (dist Tirunelveli), Kattukuppam (dist Kancheepuram), Oothu (dist Tirunelveli), Kakkachi (dist Tirunelveli) 4 ; **Kerala:** Piravam (dist Ernakulam) 5, Vyanthala (dist Thrissur) 5, Choondy (dist Ernakulam) 4, Pirappancode Aws (dist Thiruvananthapuram) 4; **Konkan & Goa:** Matheran (dist Raigad) 5; **Himachal Pradesh:** Dalhousi Alha (dist Chamba) 4;

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

- ❖ **Easterly/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 on 11th, 14th & 15th and over Coastal Andhra Pradesh & Yanam and Rayalaseema on 14th & 15th November with **heavy rainfall over south Tamil Nadu, Puducherry & Karaikal** on 11th November.
 - ✓ Light/moderate scattered to fairly widespread rainfall very likely over Lakshadweep, Kerala & Mahe during next 11th to 17th and over Coastal & South Interior Karnataka on 11th, 15th & 16th November.
 - ✓ Light/moderate isolated to scattered rainfall over South Interior Karnataka, Coastal Andhra Pradesh & Yanam, Rayalaseema during 13th to 17th; over Tamil Nadu, Puducherry & Karaikal during 11th to 17th November.
 - ✓ A fresh spell of rainfall due to easterly wave likely to commence over south peninsular India from 14th November.
- ❖ The **Western Disturbance** is now seen as a cyclonic circulation between 3.1 & 4.5 km above mean sea level over Northwest Uttar Pradesh & neighbourhood with trough aloft at 5.8 km above mean sea level running along Long. 78°E to the north of Lat. 28°N. Under its influence:
 - ✓ Light isolated rainfall very likely over Uttarakhand & East Uttar Pradesh on 11th 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 11th to 14th and with **isolated heavy rainfall** on 13th & 14th November over the same region.
- ❖ The **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.
- ✓ Fishermen are advised not to venture into these areas. (**Graphics in Annexure II**)
 - ✓ **Squally weather** with wind speed 40-45 kmph gusting to 55 kmph over Southeast Bay of Bengal and adjoining Andaman sea during 14th -15th November.

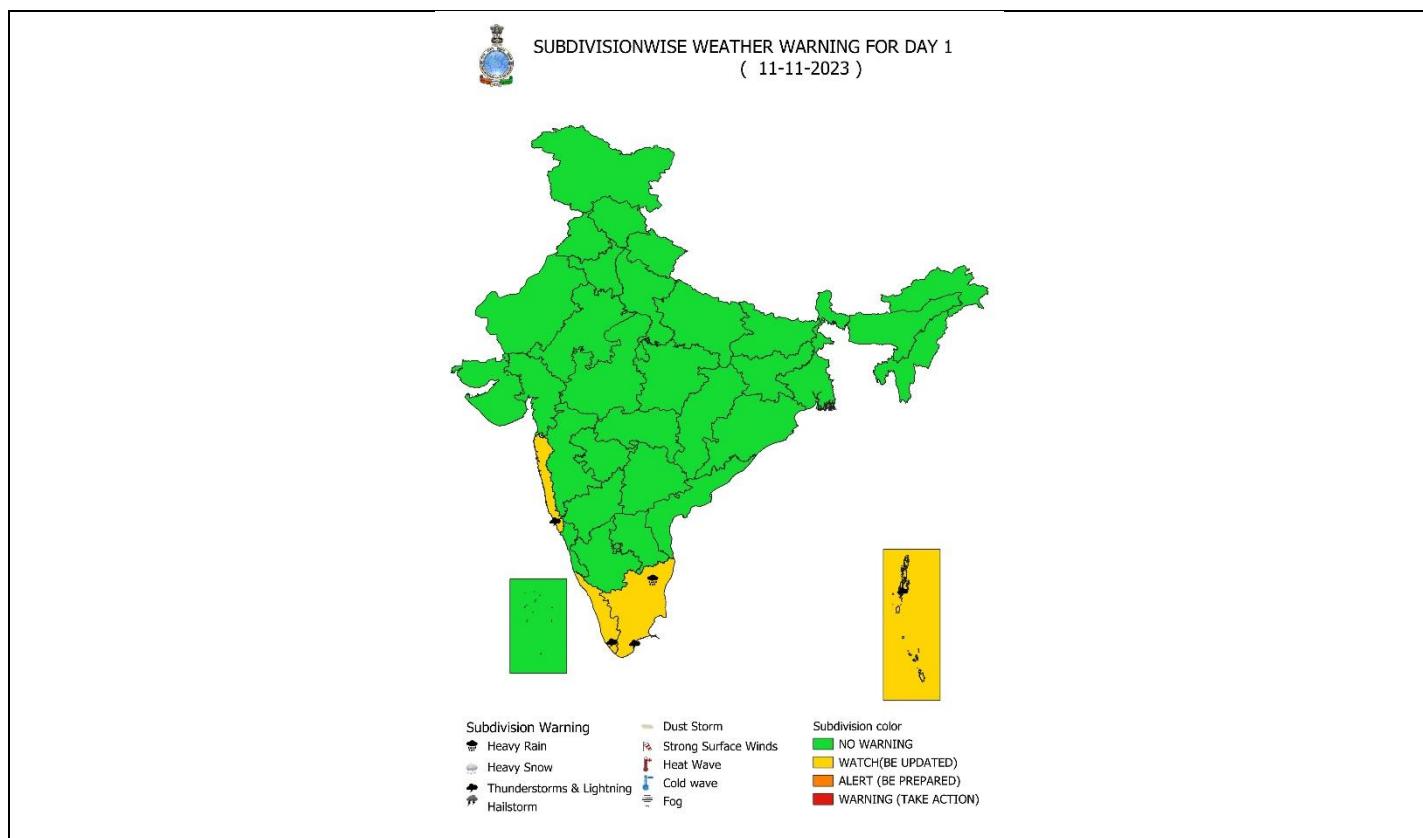
- ✓ **Squally weather** with wind speed 40-45 kmph gusting to 55 kmph over Westcentral Bay of Bengal and adjoining Eastcentral Bay of Bengal, adjoining Southwest and Southeast Bay of Bengal during 15th -16th November.
- ❖ **No significant weather likely over rest parts of the country.**

Minimum Temperature Forecast:

Fall by about 2°C in minimum temperatures over many parts of Northwest India during next 48 hours. Fall in minimum temperatures by 2-3°C over Gujarat during next 2-3 days.

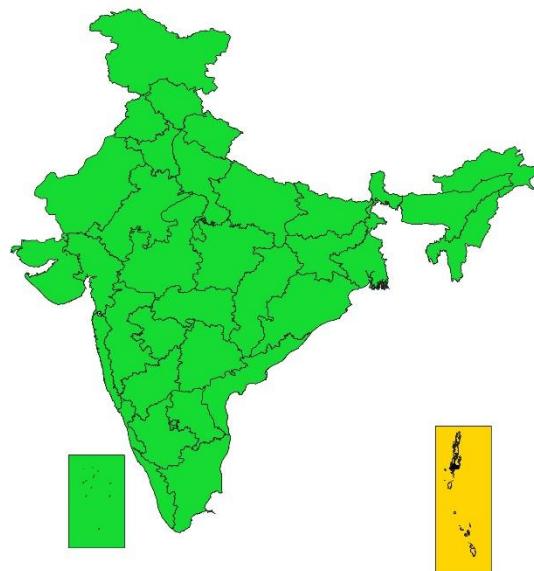
For more details kindly refer: https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php

Annexure I





SUBDIVISIONWISE WEATHER WARNING FOR DAY 2
(12-11-2023)



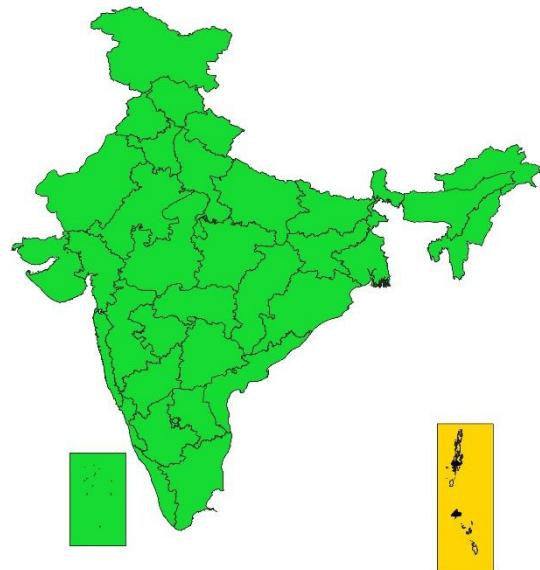
Subdivision Warning
Heavy Rain
Heavy Snow
Thunderstorms & Lightning
Hailstorm

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 3
(13-11-2023)



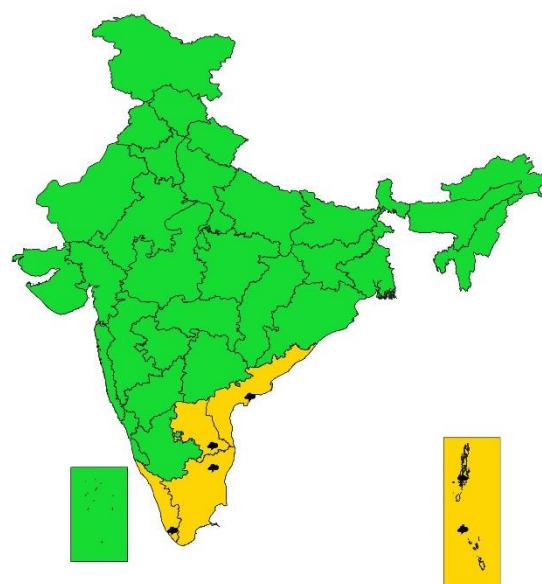
Subdivision Warning
Heavy Rain
Heavy Snow
Thunderstorms & Lightning
Hailstorm

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 4
(14-11-2023)



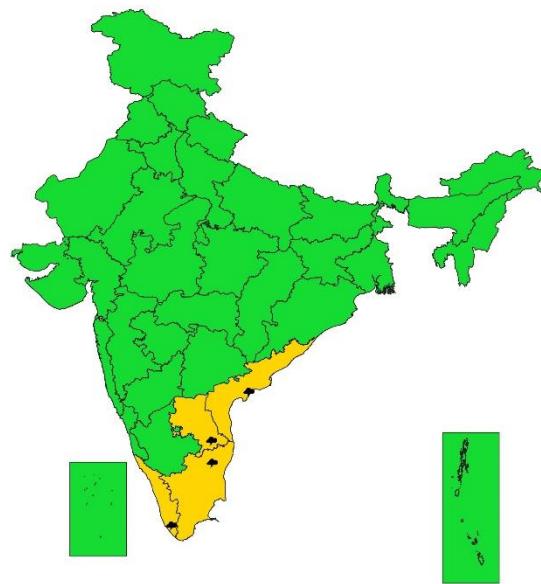
Subdivision Warning
Heavy Rain
Heavy Snow
Thunderstorms & Lightning
Hailstorm

Dust Storm
Strong Surface Winds
Heat Wave
Cold wave
Fog

Subdivision color
NO WARNING
WATCH(BE UPDATED)
ALERT (BE PREPARED)
WARNING (TAKE ACTION)



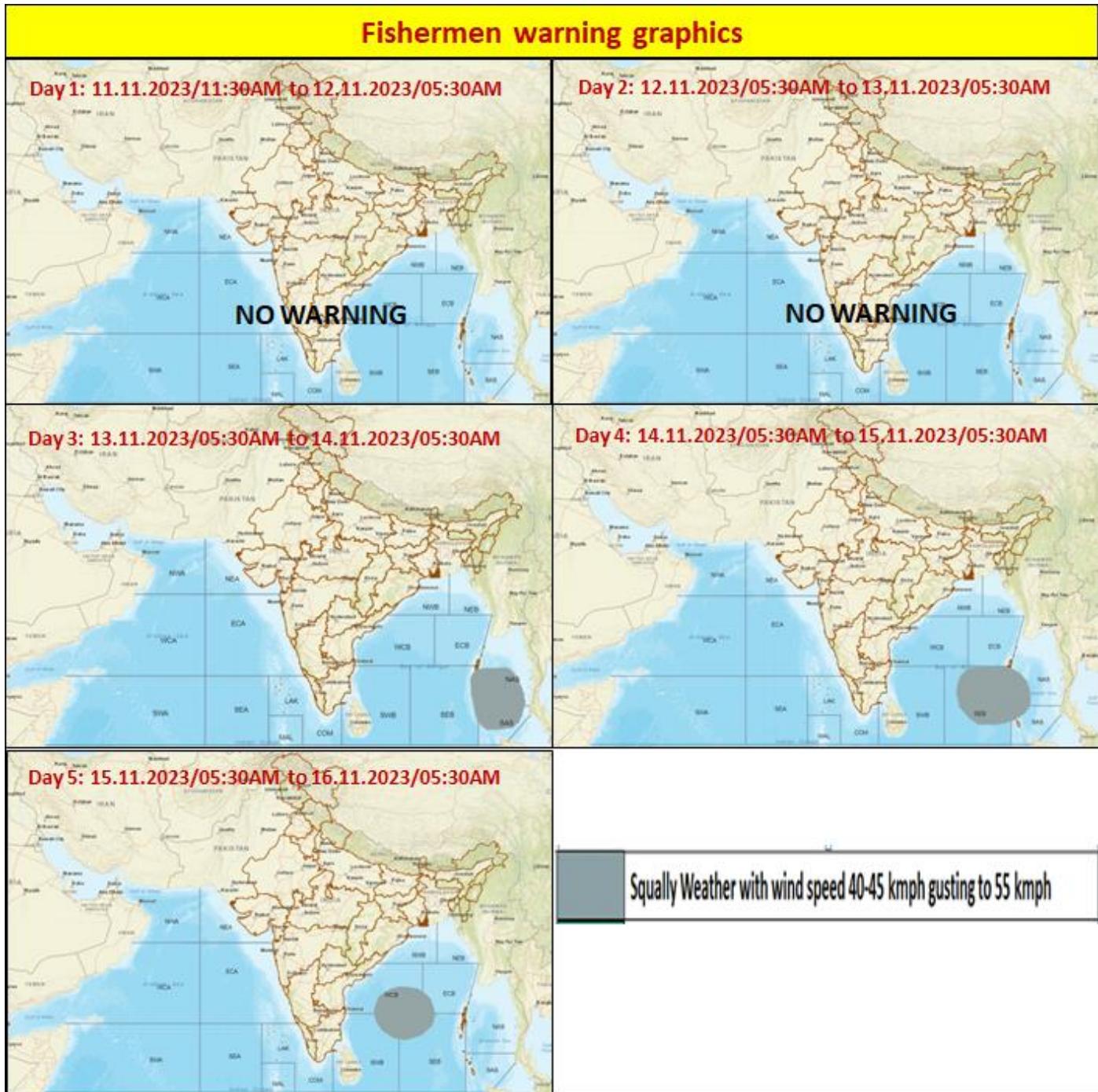
SUBDIVISIONWISE WEATHER WARNING FOR DAY 5
(15-11-2023)



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)



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) | |