



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

**Press Release  
Date: 08<sup>th</sup> May, 2023  
Time of Issue: 1315 hours IST**

**Subject: A low pressure area has formed over Southeast Bay of Bengal & adjoining South Andaman Sea. It is likely to intensify into a depression on 09<sup>th</sup> and further into a cyclonic storm over southeast Bay of Bengal & adjoining areas of East Central Bay of Bengal and Andaman Sea on 10<sup>th</sup> May.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annexure I for details)**

**Significant Meteorological features:**

- ❖ Under the influence cyclonic circulation over southeast Bay of Bengal & adjoining south Andaman Sea, a low pressure area has formed over Southeast Bay of Bengal and adjoining South Andaman Sea and associated cyclonic circulation extends upto middle tropospheric levels. It is likely to intensify into a depression on 09<sup>th</sup> May over the same region and further into a cyclonic storm over southeast Bay of Bengal and adjoining areas of East Central Bay of Bengal and Andaman Sea on 10<sup>th</sup> May. It is likely to move initially north-northwestwards towards eastcentral Bay of Bengal till 11<sup>th</sup> May. Thereafter, it is likely to recurve gradually and move north-northeastwards towards Bangladesh-Myanmar coasts.
- ❖ A trough runs from Southwest Bay of Bengal off north Tamil Nadu coast to cyclonic circulation associated with Low Pressure Area over Southeast Bay of Bengal & adjoining south Andaman Sea and extends upto middle tropospheric levels.
- ❖ A Western Disturbance as a cyclonic circulation lies over north Pakistan & adjoining Jammu & Kashmir in middle tropospheric levels.
- ❖ A cyclonic circulation lies over Southwest Bay of Bengal off north Tamilnadu coast in middle tropospheric levels

**Forecast and warning in association with low pressure area over Southeast Bay of Bengal & adjoining South Andaman Sea:**

**Rainfall warning**

- ❖ Light/moderate rainfall at most places with isolated heavy rainfall very likely over Nicobar Islands on 08<sup>th</sup> May.
- ❖ Rainfall at many places with isolated heavy to very heavy rainfall is likely over Andaman & Nicobar Islands on 9<sup>th</sup> May.
- ❖ Rainfall at most places with heavy to very heavy rainfall with extremely heavy rainfall at isolated places is likely over Andaman & Nicobar Islands during 10<sup>th</sup> to 11<sup>th</sup> May.
- ❖ Rainfall at most places with heavy to very heavy rainfall at isolated places is likely over Andaman Islands and isolated heavy rainfall over Nicobar Islands on 12<sup>th</sup> May.

**Wind warning:**

- ❖ Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over southeast Bay of Bengal, Andaman & Nicobar Islands and adjoining Andaman Sea on 8<sup>th</sup> May.
- ❖ Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely over southeast Bay of Bengal, Andaman & Nicobar Islands and adjoining Andaman Sea on 9<sup>th</sup> May.
- ❖ Gale wind speed reaching 60-70 kmph gusting to 80 kmph is likely over southeast and adjoining eastcentral Bay of Bengal, Andaman & Nicobar Islands and adjoining Andaman Sea on 10<sup>th</sup> & 11<sup>th</sup> May.
- ❖ Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely over eastcentral Bay of Bengal and 60-70 kmph gusting to 80 kmph over Andaman Sea and Andaman Islands on 12<sup>th</sup> May.

**Sea condition**

- ❖ Sea condition is likely to be rough over southeast Bay of Bengal and adjoining south Andaman Sea on 8<sup>th</sup> May and very rough from 9<sup>th</sup> May onwards. It is likely to be very rough to high over southeast and adjoining eastcentral Bay of Bengal and Andaman Sea from 10<sup>th</sup> May onwards till 11<sup>th</sup> May. It is likely to be high to very high over eastcentral Bay of Bengal and very rough to high adjoining southeast Bay of Bengal and Andaman Sea from 12<sup>th</sup> May.

**Fishermen Warning (warning graphics enclosed)**

- ❖ Fishermen, small ships, boats and trawlers are advised not to venture into southeast Bay of Bengal and adjoining areas of Andaman Sea from 8<sup>th</sup> May onwards and into southeast & adjoining central Bay of Bengal and Andaman Sea from 9<sup>th</sup> May onwards.
- ❖ Those who are over southeast Bay of Bengal and adjoining south Andaman Sea are advised to return to safer places by today, the 8<sup>th</sup> May and those over eastcentral Bay of Bengal and north Andaman Sea are advised to return by 9<sup>th</sup> May.

**Advisory**

- ❖ Regulation of tourism and offshore activities and shipping near Andaman and Nicobar Islands during 8<sup>th</sup> - 12<sup>th</sup> May and
- ❖ Regulation of shipping activity over the sea areas of southeast & central Bay of Bengal and Andaman Sea during 8<sup>th</sup> -12<sup>th</sup> May.

**Forecast and warning over rest parts of the country during next five days:****Northwest India:**

- ❖ Thunderstorm/lightning/gusty winds with fairly widespread rainfall/snowfall very likely over Western Himalayan region and with isolated rainfall over adjoining plains on 08<sup>th</sup> May.
- ❖ **Hailstorm** very likely at isolated places over Himachal Pradesh and Uttarakhand on 08<sup>th</sup> May.

**South India:**

- ❖ Thunderstorm/lightning/gusty winds with light/moderate scattered to fairly widespread rainfall very likely over Kerala & Mahe and South Interior Karnataka during next 5 days and with light isolated to scatter rainfall over rest parts of the region during next 2 days.
- ❖ **Heavy rainfall** very likely at isolated places over Tamil Nadu, Puducherry & Karaikal on 08<sup>th</sup> May and over Kerala & Mahe and South Interior Karnataka on 08<sup>th</sup> & 11<sup>th</sup> May.

**Northeast India:**

- ❖ Scattered to fairly widespread rainfall likely over Arunachal Pradesh & Assam & Meghalaya during next 3 days.
- ❖ **Heavy rainfall** very likely at isolated places over Arunachal Pradesh on 09<sup>th</sup> May.

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

### Maximum Temperatures, its forecast and Heat Wave Warnings (Graphics in Annexure II):

- ❖ Yesterday, Maximum Temperatures were below 40°C over most parts of the country. They were below normal by 2-4°C over most parts of the country except many parts of northeast India, west Bengal & Sikkim and Coastal Karnataka; over some parts of Bihar, Coastal Odisha, northeast Uttar Pradesh, south Konkan & Goa, where they were near normal.
- ❖ Maximum temperatures are very likely to increase by 3-5°C over most parts of the country during next 5 days.
- ❖ Due to humid air and high temperature, Hot and Discomfort weather is very likely over Konkan & Goa on 10<sup>th</sup> & 11<sup>th</sup> and coastal Odisha during 08<sup>th</sup>-12<sup>th</sup> May.
- ❖ **Heat wave conditions** very likely in isolated pockets over Gangetic West Bengal during 09<sup>th</sup> - 11<sup>th</sup> May.

For more details kindly refer:

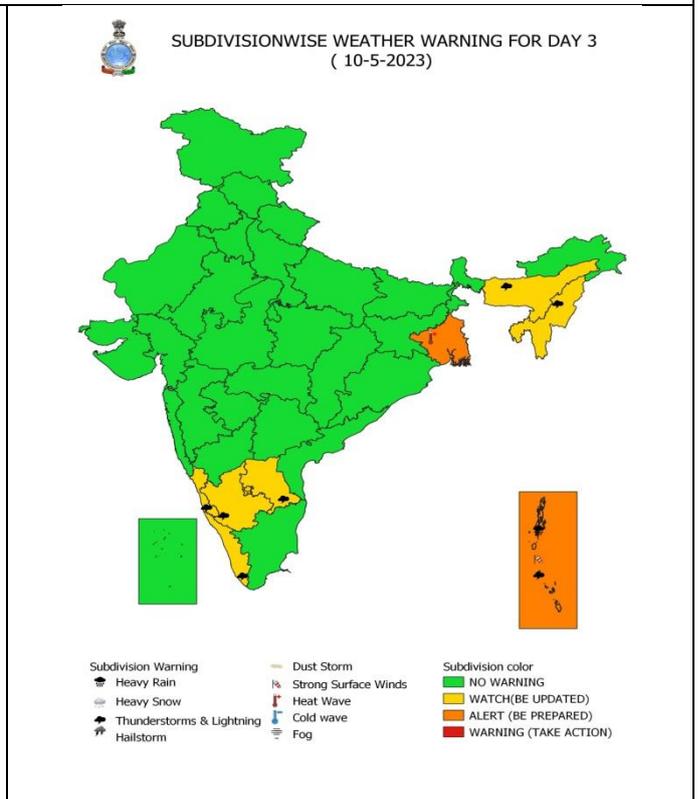
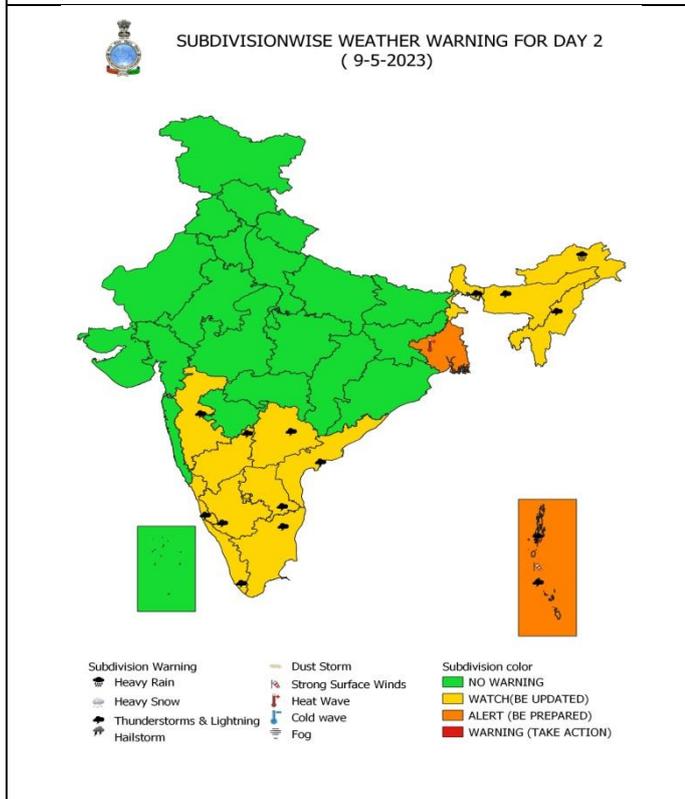
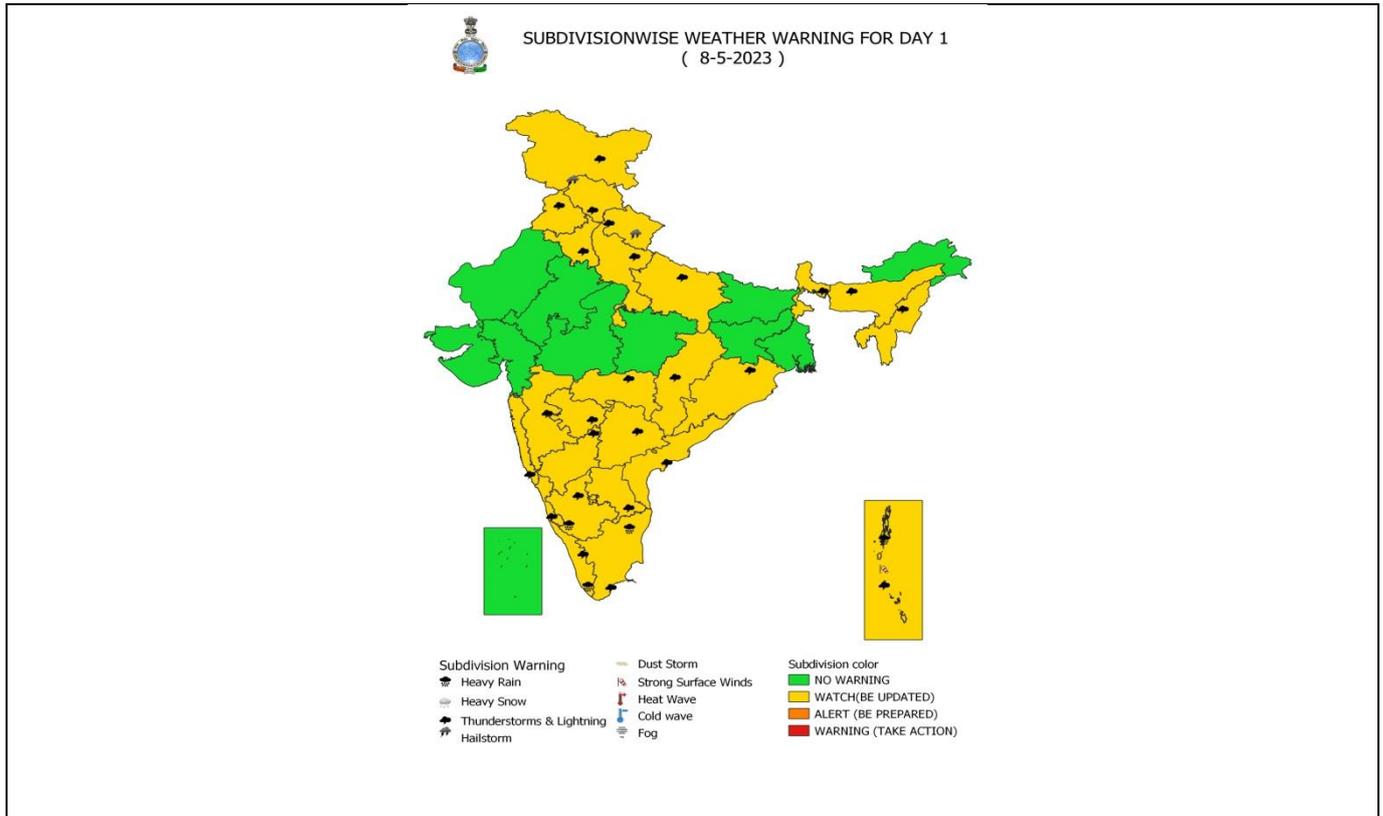
[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

<https://mausam.imd.gov.in/responsive/districtWiseNowcast.php>

### Annexure I

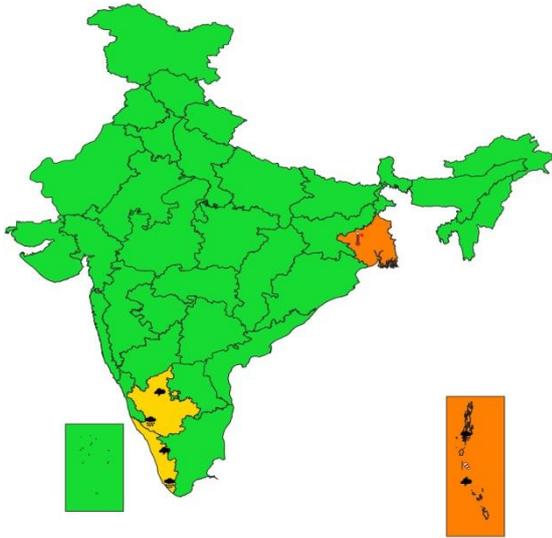
### Observations: (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Rainfall/thundershowers observed: at most places over** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; **at many places** over Himachal Pradesh, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim; **at a few places** over Andaman & Nicobar Islands, Assam & Meghalaya, Tamil Nadu, Puducherry & Karaikal, Lakshadweep, Interior Karnataka Rayalaseema; **at isolated places** over Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Odisha, Nagaland, Manipur, Mizoram & Tripura, Gujarat State, Madhya Maharashtra, Konkan & Goa, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana.
- ❖ **Significant rainfall recorded** (in cm): **JK AND LADAKH:** Kukernag (dist Anantnag) 6, Qazi Gund (dist Kulgam) 5, Larnoo Arg (dist Anantnag) 5; **MADHYA MAHARASHTRA:** Bhor (dist Pune) 5; **TAMILNADU:** Panapakkam (dist Ranipet), Krishnagiri (dist Krishnagiri), Arcot (dist Ranipet) 9 each, Vepur (dist Cuddalore), Kattumayilur (dist Cuddalore), Kalavai Pwd (dist Ranipet), Kalasapakkam (dist Tiruvannamalai), Ponnai Dam (dist Vellore) 7 each, Ranipet (dist Ranipet), Kaveripakkam (dist Ranipet), Vembakkam (dist Tiruvannamalai), Wallajah (dist Ranipet), Katpadi (dist Vellore), KRP Dam (dist Krishnagiri) 6 each; **RAYALASEEMA:** Palasamudram (dist Chittoor) 5, Kuppam (dist Chittoor) 5; **TELANGANA:** Dornakal (dist Mahabubabad) 5, Julurpad (dist B. Kothagudem) 5; **ODISHA:** Nuagada (dist. Gajapati)-7.
- ❖ **Heavy rainfall occurred:** at isolated places over Tamil Nadu and Odisha.
- ❖ **Thunderstorm Observed:** at isolated places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, West Uttar Pradesh, Rajasthan, Chhattisgarh, Sub-Himalayan West Bengal & Sikkim, Odisha, Assam & Meghalaya, Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal, Interior Karnataka, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema.
- ❖ **Hailstorm Observed:** at isolated places over Jammu Division, Himachal Pradesh, Uttarakhand and Telangana.





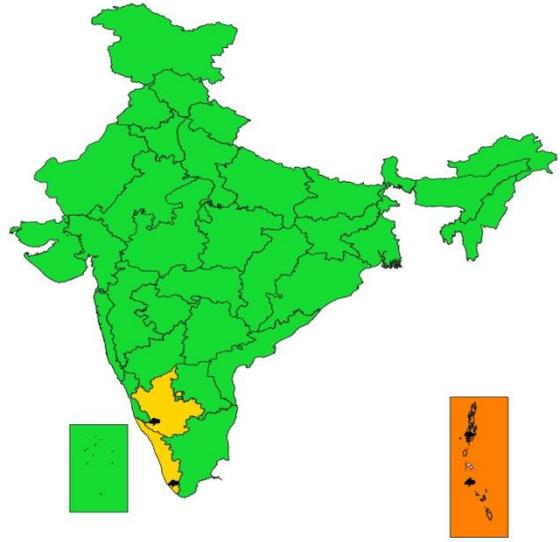
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 4  
( 11-5-2023)**



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| 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)    |

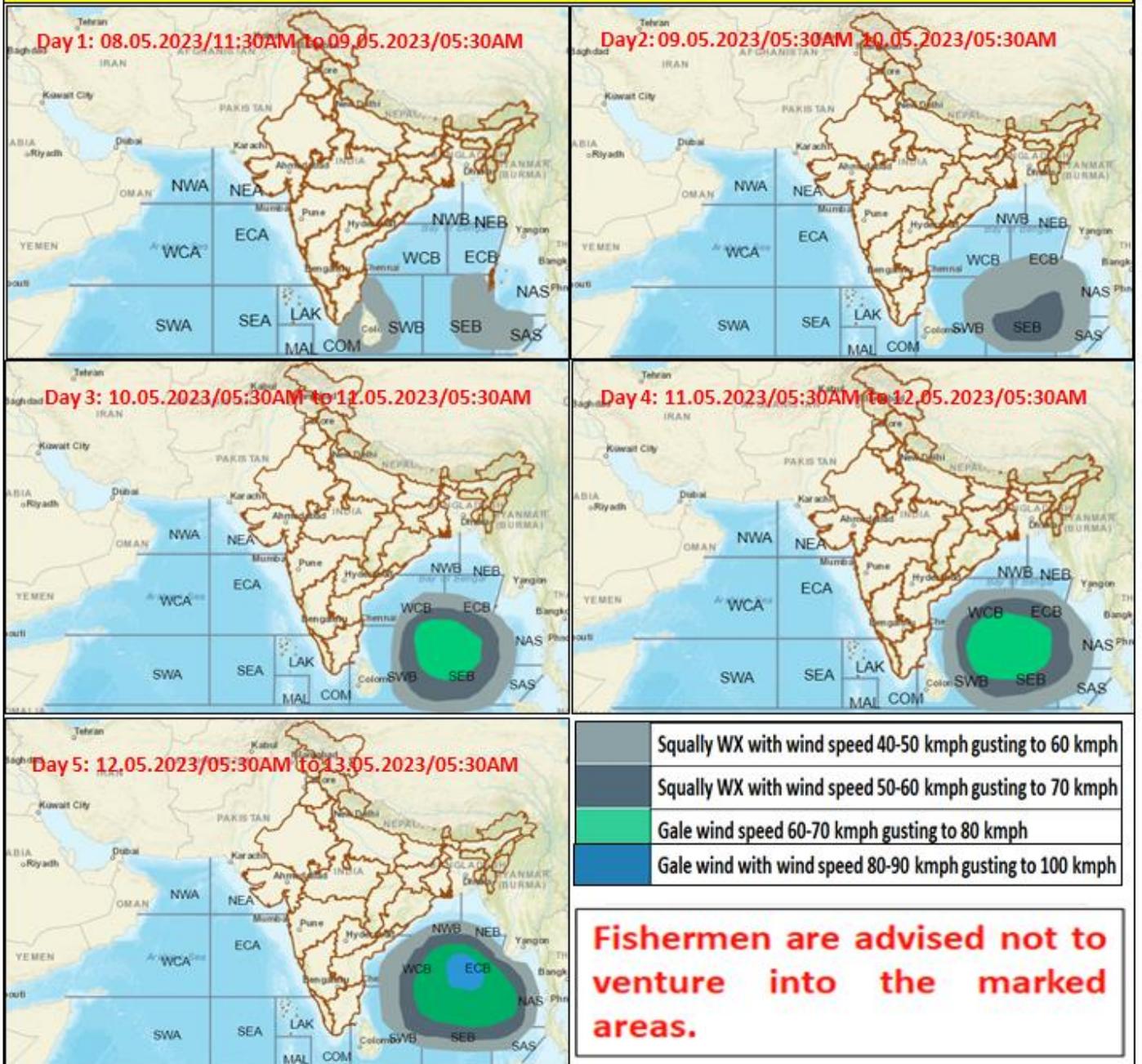


**SUBDIVISIONWISE WEATHER WARNING FOR DAY 5  
( 12-5-2023)**



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| 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)    |

## Fishermen warning graphics



**Legends:**

❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.

❖ **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, Tamilnadu, Puducherry & Karaikal and Lakshadweep.

<b>SPATIAL DISTRIBUTION</b> (% 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)

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