



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

**Press Release  
Date: 22<sup>nd</sup> March, 2022  
Time of Issue: 1200 hrs IST**

**Subject:**

- i) Deep Depression over north Andaman Sea and adjoining areas of eastcentral Bay of Bengal**
- ii) Light to moderate rainfall activity very likely over Northeast India and south peninsular India.**

**Weather observed during past 24 hours:**

- ✓ **Maximum Temperatures** (as on 21/03/2022) recorded **40-41°C** in many parts over Vidarbha and in isolated pockets over West Rajasthan, West Madhya Pradesh, interior Odisha, Tamilnadu and some parts of Marathwada.
- ✓ The maximum temperatures were **above normal by 4-6°C** at most places over Punjab, Haryana-Chandigarh & Delhi and Assam & Meghalaya; at many parts over Madhya Pradesh, Rajasthan, Uttarakhand, Uttar Pradesh and at isolated places over Sub-Himalayan West Bengal & Sikkim.
- ✓ Yesterday, **Heat Wave conditions** were observed at isolated places over Himachal Pradesh, Uttarakhand, West Rajasthan and West Madhya Pradesh.

**Deep Depression over north Andaman Sea and adjoining areas of eastcentral Bay of Bengal:**

The Deep Depression over north Andaman Sea and adjoining areas of eastcentral Bay of Bengal, moved nearly northwards with a speed of 20 kmph during last 06 hours, and lay centered at 0830 hours IST of today, the 22<sup>nd</sup> March, over the same region near latitude 15.2°N and longitude 94.2°E, about 290 km north-northeast of Mayabundar (Andaman Islands), 420 km north-northeast of Port Blair (Andaman Islands), 270 km southwest of Yangon (Myanmar) and 360 km south of Thandwe (Myanmar).

It would continue to move nearly northwards away from Andaman Islands and cross Myanmar coast as a deep depression between latitude 16°N & 18°N around afternoon of 22<sup>nd</sup> March.

**Warnings:**

**i) Rainfall**

No heavy rainfall for Andaman Islands during 22<sup>nd</sup> March with light to moderate rainfall at a few places over the same region.

## **(ii) Wind warning**

**22<sup>nd</sup> March:** Squally winds speed reaching 55-65 kmph gusting to 75 kmph prevails over north Andaman Sea & adjoining eastcentral Bay of Bengal and along & off Myanmar coast. It is likely to decrease gradually becoming 45-55 kmph gusting to 65 kmph along and off Myanmar coast and adjoining east central Bay of Bengal and north Andaman Sea from 22<sup>nd</sup> afternoon for subsequent 12 hours.

## **(iii) Sea condition**

**22<sup>nd</sup> March:** Sea condition is very likely to become rough to very rough over north Andaman Sea & adjoining eastcentral Bay of Bengal, along and off Myanmar coast and along & off north Andaman islands during next 12 hours.

## **(iv) Fishermen Warning (Graphics enclosed)**

Fishermen are advised not to venture into Eastcentral Bay of Bengal, North Andaman Sea, along & off Myanmar coast and along & off north Andaman Islands on 22<sup>nd</sup> March.

## **Forecast & Warnings for other parts of the country:**

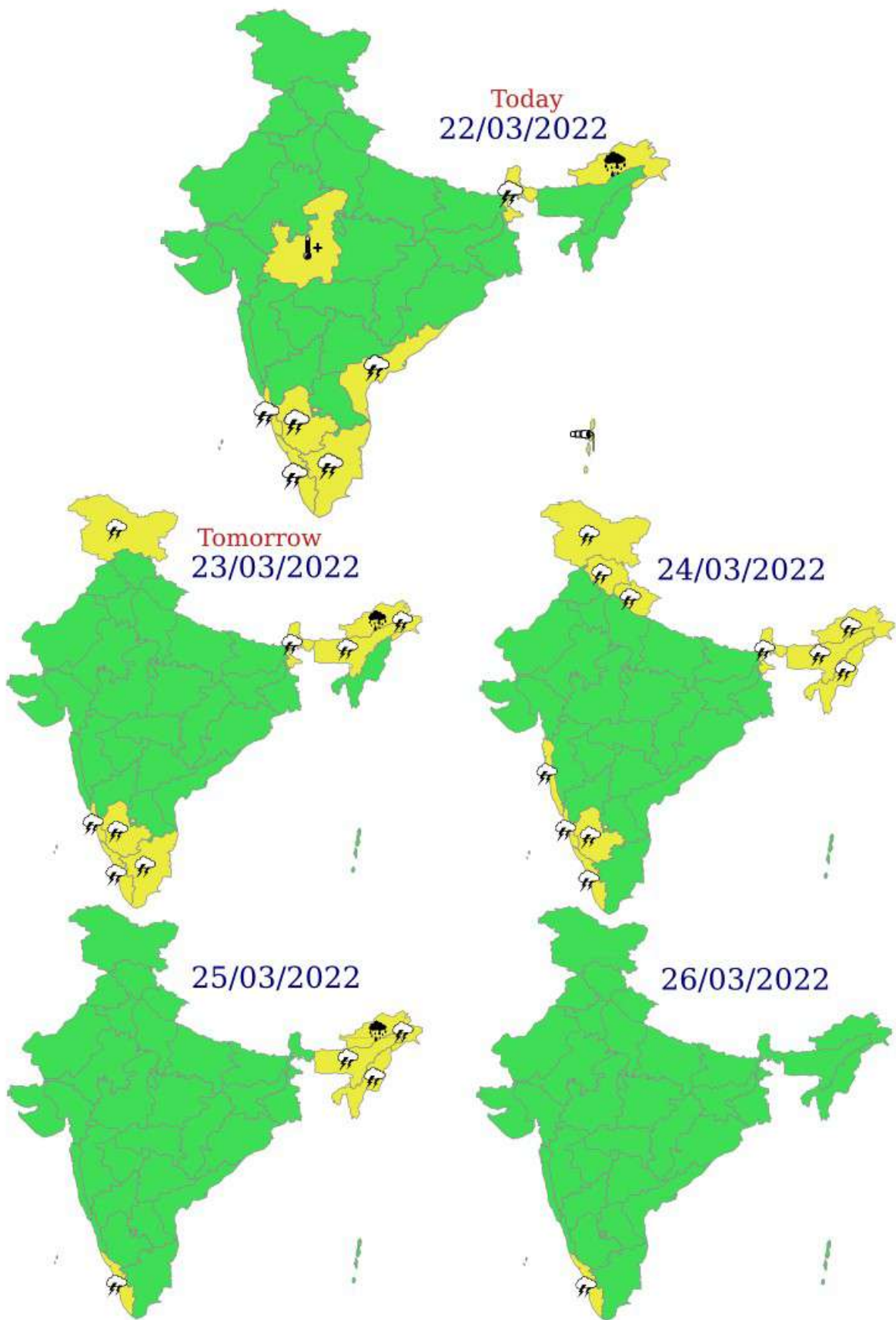
- ✓ Under the influence of a fresh Western Disturbance, isolated/scattered rainfall/snowfall with thunderstorm/lightning very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh on 23<sup>rd</sup> & 24<sup>th</sup> and over Utrakhand on 24<sup>th</sup> March.
- ✓ Light isolated/scattered rainfall very likely over Kerala & Mahe, Tamilnadu, Puducherry & Karaikal, Andhra Pradesh and Karnataka during next 5 days and isolated thunderstorm/lightning activity over Kerala & Mahe, Tamilnadu, Puducherry & Karaikal and Coastal & South Interior Karnataka during next 3 days.
- ✓ Light to moderate scattered/fairly widespread rainfall very likely over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Sub-Himalayan West Bengal & Sikkim during next 5 days with isolated thunderstorm/lightning over the region during 23<sup>rd</sup>-25<sup>th</sup> March.
- ✓ **Isolated heavy rainfall also likely over Arunachal Pradesh on 22<sup>nd</sup>, 23<sup>rd</sup> & 25<sup>th</sup> March, 2022.**

## **Maximum Temperature Forecast:**

- ✓ Fall in maximum temperatures by about 2<sup>o</sup>C very likely over many parts of Northwest India (except East Uttar Pradesh) and over south peninsular India during next 3 days and rise by 2-3<sup>o</sup>C thereafter.
- ✓ No significant change in maximum temperatures very likely over Gujarat state during next 3 days and rise by 2-3<sup>o</sup>C thereafter.
- ✓ Fall in maximum temperatures by 2-3<sup>o</sup>C very likely over Maharashtra during next 2 days and no significant change thereafter.
- ✓ No significant change in maximum temperatures very likely over rest parts of the country during next 4-5 days.
- ✓ **Heat Wave conditions** very likely to prevail in isolated pockets over West Madhya Pradesh on 22<sup>nd</sup> March.

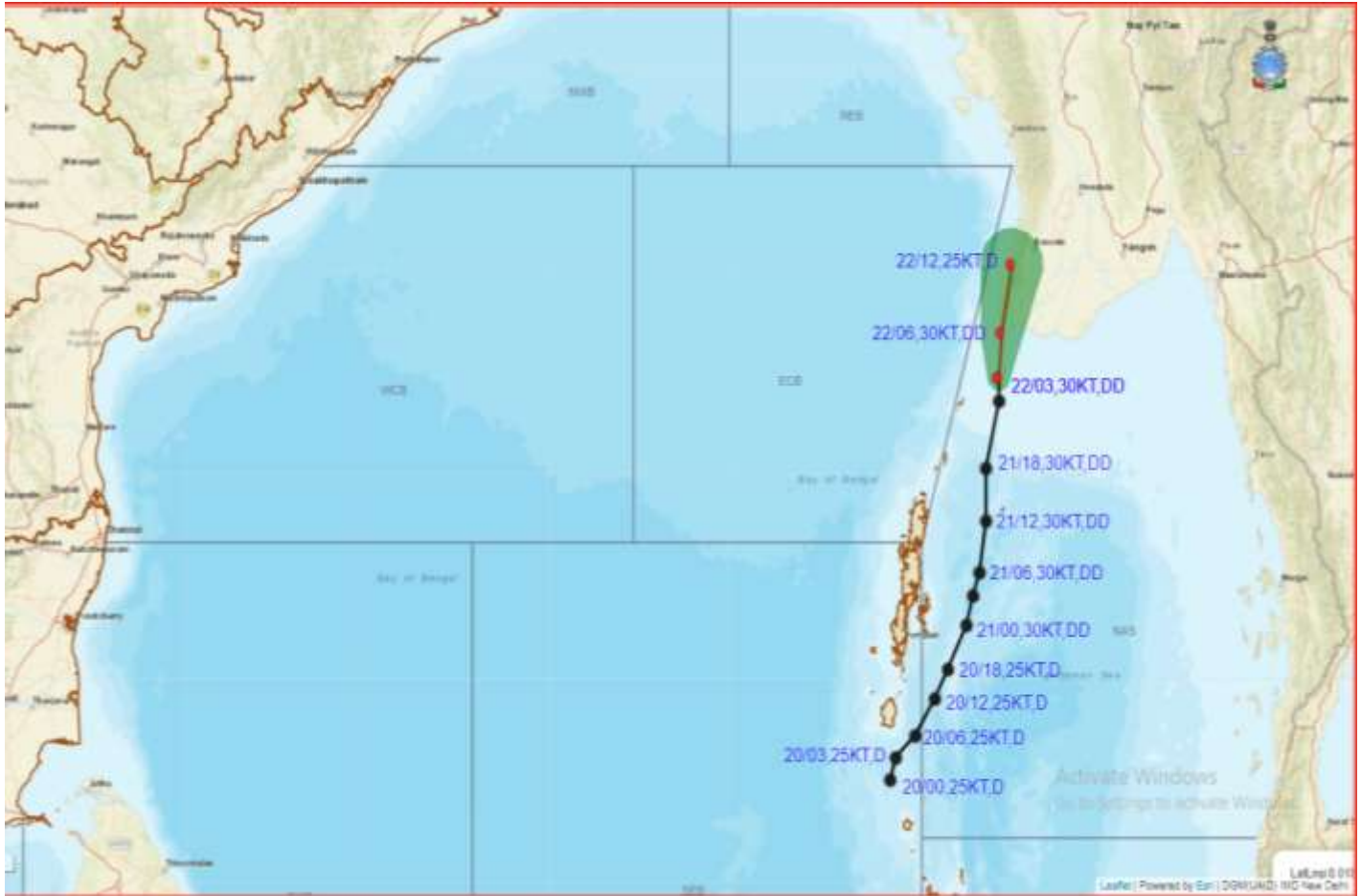
**For more details refer:**

[https://mausam.imd.gov.in/imd\\_latest/contents/subdivisionwise-warning.php](https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php)





**OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION OVER NORTH ANDAMAN SEA AND ADJOINING AREAS OF EASTCENTRAL T BAY OF BENGAL BASED ON 0300 UTC OF 22nd MARCH 2022**



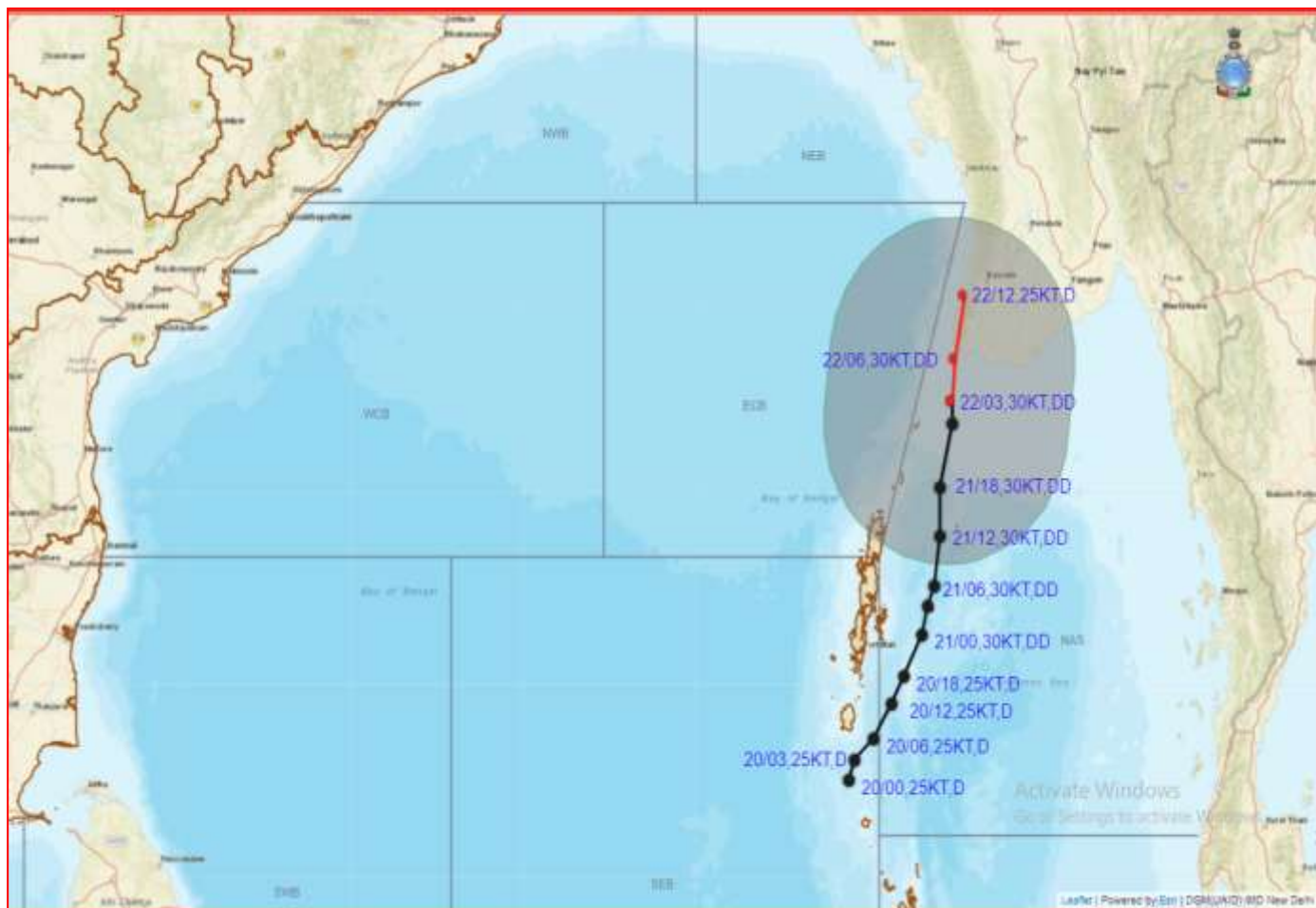
STATIONS	DISTANCE(KM) AND DIRECTION FROM STATIONS		
	22.03.22/0300	22.03.22/1200	22.03.22/1200
Yangon	270,SW	190,W	190,W
Tandwe	360,S	200,S	200,S
Hut bay	540,NNE	710,NNE	710,NNE
Portblair	420,NNE	590,NNE	590,NNE
Maya bundar	290,NNE	450,NNE	450,NNE

N:NORTH, NNE:NORTH-NORTHEAST, NE:NORTHEAST, ENE:EAST-NORTHEAST, E:EAST, SE:SOUTHEAST, SSE:SOUTH-SOUTHEAST, S:SOUTH, SSW:SOUTH-SOUTHWEST, SW:SOUTHWEST, WSW:WEST-SOUTHWEST, W:WEST, WNW:WEST-NORTHWEST, NW:NORTHWEST, NNW:NORTH-NORTHWEST





**OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER NORTH ANDAMAN SEA AND ADJOINING AREAS OF EASTCENTRAL BAY OF BENGAL BASED ON 0300 UTC OF**



DATE/TIME IN UTC  
 IST=UTC + 0530  
 L: LOW PRESSURE AREA  
 WML: WELL MARKED LOW PRESSURE AREA  
 D: DEPRESSION (17-27 KT)  
 DD: DEEP DEPRESSION (28-33 KT)  
 CS: CYCLONIC STORM (34-47 KT)  
 SCS: SEVERE CYCLONIC STORM (48-63KT)  
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)  
 SuCS: SUPER CYCLONIC STORM (≥20 KT)

● LESS THAN 34 KT  
 ○ 34-47 KT  
 ● ≥ 48 KT  
 — OBSERVED TRACK  
 — FORECAST TRACK  
 ○ CONE OF UNCERTAINTY  
 AREA OF MAXIMUM SUSTAINED WIND SPEED:  
 ■ 28-33 KT (52-61 KMPH)  
 ■ 34-49 KT (62-91 KMPH)  
 ■ 50-63 KT (92-117 KMPH)  
 ■ ≥ 64 KT (≥118 KMPH)

**IMPACT OVER THE SEA**

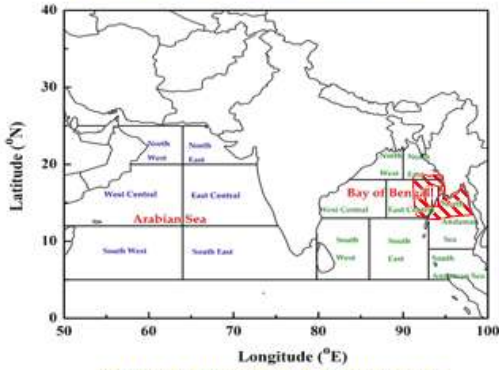
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

# Fishermen warning for north Indian Ocean

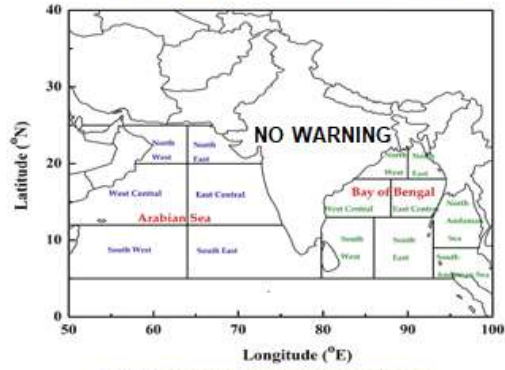
## INDIA METEOROLOGICAL DEPARTMENT

### FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA

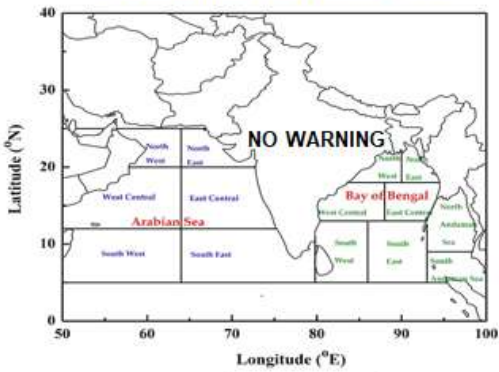
DAY-1: 22.03.2022/0600 UTC TO 23.03.2022/0600 UTC



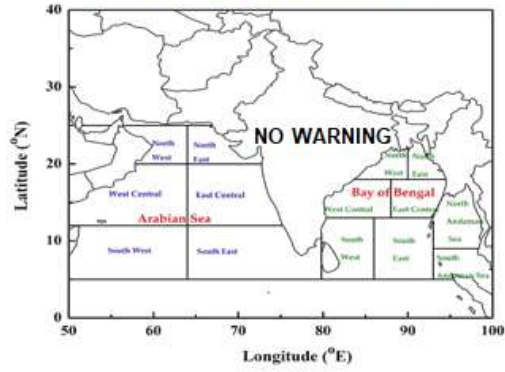
DAY-2: 23.03.2022/0600 UTC TO 24.03.2022/0600 UTC



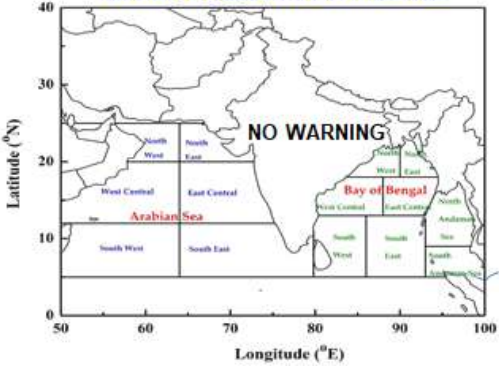
DAY-3: 24.03.2022/0600 UTC TO 25.03.2022/0600 UTC



DAY-4: 25.03.2022/0600 UTC TO 26.03.2022/0600 UTC



DAY-5: 26.03.2022/0600 UTC TO 27.03.2022/0600 UTC



**AREA UNDER FISHERMEN WARNING**

- 40-50 KMPH GUSTING TO 55 KMPH (SQUALLY WEATHER)
- 45-55 KMPH GUSTING TO 65 KMPH
- 50-60 KMPH GUSTING TO 70 KMPH
- 65-75 KMPH GUSTING TO 85 KMPH

**Legends:**

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

**Region wise classification of meteorological Sub-Divisions:**

- 1) **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.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, 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)



**Thunderstorm with Lightning**

**Heat Wave**

<b>WARNING</b>	
WARNING (TAKE ACTION)	
ALERT ( BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING ( NO ACTION)	

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