



India Meteorological Department  
(Ministry of Earth Sciences)

SPECIAL MESSAGE (BOB/01/2022)

TIME OF ISSUE:1400 HOURS IST

DATED: 02.03.2022

FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

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**Sub: Low pressure area over central parts of south Bay of Bengal & it's likely intensification into a depression on 3<sup>rd</sup> March, 2022**

A low pressure area formed over southeast Bay of Bengal (BoB) and adjoining areas of south Andaman Sea & Equatorial Indian Ocean (EIO) at 1730 hours IST of 28<sup>th</sup> February, 2022. It moved west-northwestwards and lay over central parts of south BoB and adjoining EIO at 0830 hours IST of today, the 2<sup>nd</sup> March, 2022.

It is likely to become a Well-marked Low Pressure Area during next 24 hours and concentrate into a depression during subsequent 24 hours. It is very likely to move west-northwestwards towards Sri Lanka coast during next 24 hours and towards north Tamil Nadu Coast during subsequent 24 hours.

**Warnings:**

**(i) Rainfall (warning graphics enclosed)**

**3<sup>rd</sup> – 5<sup>th</sup> March:** Light to moderate rainfall/thunder shower at most places with **heavy to very heavy rainfall at isolated places** very likely over Tamil Nadu, Puducherry & Karaikal during 3<sup>rd</sup> – 5<sup>th</sup> March with **extremely heavy rainfall** at isolated places on 4<sup>th</sup> March. Light to moderate rainfall/thunder shower at most places with **heavy rainfall** at isolated places also very likely over south coastal Andhra Pradesh and Rayalaseema on 04th & 05th March, 2022.

## **(ii) Wind warning**

- 2<sup>nd</sup> March: Strong winds speed reaching 40-50 kmph gusting to 60 kmph are very likely to prevail over central parts of south Bay of Bengal, along & off Tamil Nadu-south Andhra Pradesh coasts, Gulf of Mannar and Comorin Area.
- 3<sup>rd</sup> March: Squally winds speed reaching 45-55 kmph gusting to 65 kmph are very likely to prevail over Southwest & adjoining Westcentral Bay of Bengal, along & off Tamil Nadu-south Andhra Pradesh coasts, Gulf of Mannar.
- 4<sup>th</sup> & 5<sup>th</sup> March: Squally winds speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail over Westcentral & adjoining Southwest Bay of Bengal, along & off north Tamil Nadu-Andhra Pradesh coasts.
- 6<sup>th</sup> March: Strong winds speed reaching 40-50 kmph gusting to 60 kmph are very likely to prevail over north Tamil Nadu- south Andhra Pradesh coasts.

## **(iii) Sea condition**

- Sea condition will be rough over South Bay of Bengal & adjoining Equatorial Indian Ocean, Gulf of Mannar and Comorin area on 2<sup>nd</sup> March. It is likely to become very rough over southwest & adjoining westcentral Bay of Bengal during 3<sup>rd</sup>-5<sup>th</sup> March and along & off Tamil Nadu, Puducherry & south Andhra Pradesh coasts during 4<sup>th</sup> – 5<sup>th</sup> March.

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

- Fishermen are advised not to venture into South Bay of Bengal & adjoining Equatorial Indian Ocean, Gulf of Mannar and Comorin area on 2<sup>nd</sup> - 5<sup>th</sup> March and southwest & adjoining areas of westcentral Bay of Bengal and along & off Tamil Nadu, Puducherry & south Andhra Pradesh coasts during 3<sup>rd</sup>-5<sup>th</sup> March.

## **(v) EXPECTED IMPACT & ACTION SUGGESTED for Tamil Nadu, Puducherry & Karaikal and adjoining areas of south coastal Andhra Pradesh and Rayalseema**

### **A. Impact Expected**

- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to squally wind and inundation.

### **B. Action Suggested**

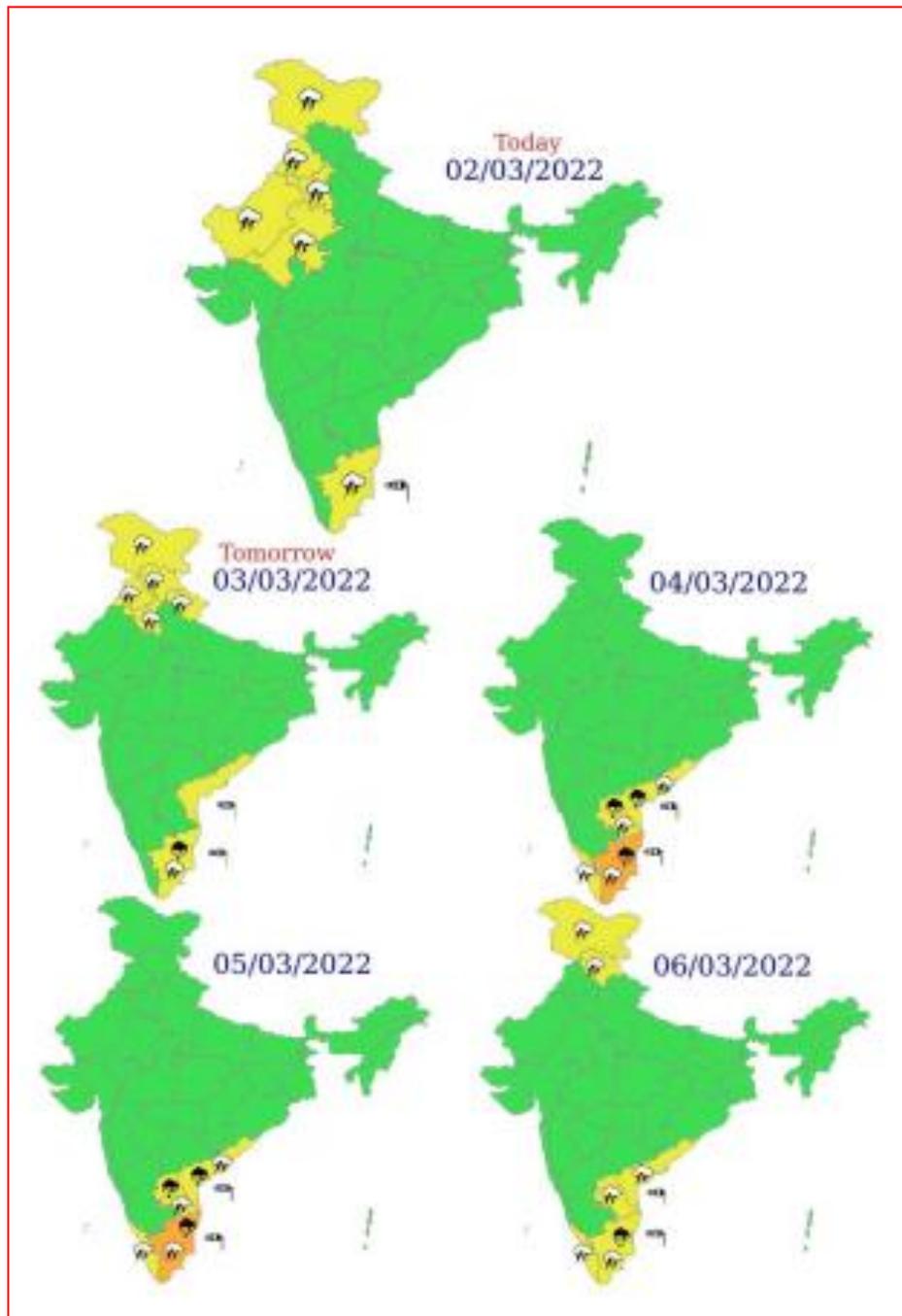
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

**(M.Sharma)**  
**Scientist-D, RSMC, New Delhi**

*Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswarr//CWC Thiruvanathapuram/MC Bengaluru*

**LEGEND: Heavy Rainfall:** 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total

## Warning Graphics



### WARNING

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



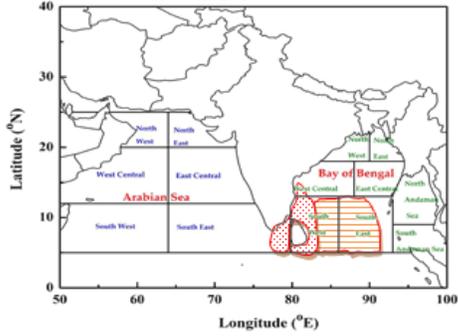
Heavy Rain

Strong Winds

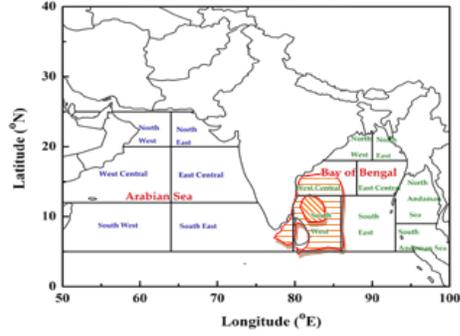
# Fishermen warning Graphics

## INDIA METEOROLOGICAL DEPARTMENT FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA

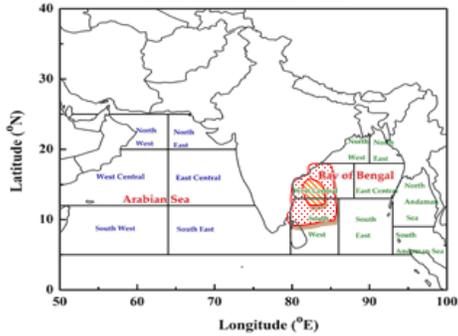
DAY-1: 02.03.2022/0600 UTC TO 03.03.2022/0600 UTC



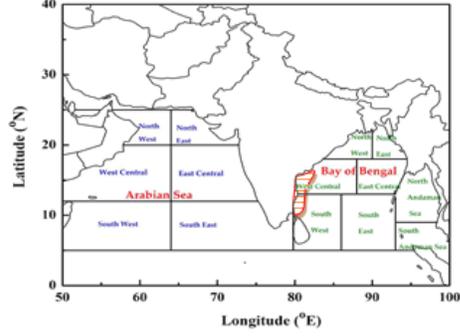
DAY-2: 03.03.2022/0600 UTC TO 04.03.2022 /0600 UTC



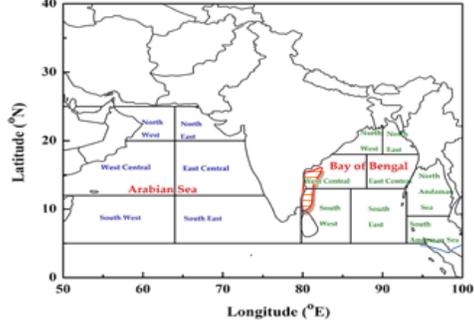
DAY-3: 04.03.2022/0600 UTC TO 05.03.2022/0600 UTC



DAY-4 05.03.2022/0600 UTC TO 06.03.2022/0600 UTC



DAY-5 06.03.2022/0600 UTC TO 07.03.2022/0600 UTC



### AREA UNDER FISHERMEN WARNING

-  40-50 KMPH GUSTING TO 60 KMPH (STRONG WIND)
-  40-50 KMPH GUSTING TO 60 KMPH (SQUALLY WEATHER)
-  45-55 KMPH GUSTING TO 65 KMPH
-  60-70 KMPH GUSTING TO 80 KMPH
-  70-80 KMPH GUSTING TO 90 KMPH
-  80-90 KMPH GUSTING TO 95 KMPH
-  90-100 KMPH GUSTING TO 110 KMPH