



**India Meteorological Department
(Ministry of Earth Sciences)**

SPECIAL MESSAGE (BOB/02/2022)

TIME OF ISSUE:1430 HOURS IST

DATED: 16.03.2022

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

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CONTROL ROOM NDMA (FAX.NO. 26701729)
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CHIEF SECRETARY, ODISHA (FAX NO. 0674-2536660)
CHIEF SECRETARY, WEST BENGAL (FAX NO. 033-22144328)**

Sub: Low pressure area over central parts of south Bay of Bengal & it's likely intensification into a cyclonic storm by 21st March, 2022

A low pressure area formed over Equatorial Indian Ocean and adjoining southwest Bay of Bengal in the evening of 15th March. It lay centered over central parts of south Bay of Bengal at 0830 hours IST of today, the 16th March, 2022.

It is likely to move east-northeastwards and become a well marked low pressure area over the southeast Bay of Bengal and adjoining south Andaman Sea around 19th morning. Thereafter, it is likely to move north-northwestwards along & off Andaman & Nicobar Islands and intensify into a depression by morning of 20th March & into a cyclonic storm on 21st March. It would continue to move north-northwestwards till 22nd March. Thereafter, it will move north-northeastwards and reach near Bangladesh and adjoining north Myanmar coast by morning of 23rd March.

Warnings:

(i) Rainfall (warning graphics enclosed)

18th March: Light to moderate rainfall/thundershower at most places with **heavy rainfall at isolated places** very likely over south Andaman Sea.

19th March: Light to moderate rainfall/thundershower at most places with **heavy to very heavy rainfall at isolated places** very likely over south Andaman Sea.

20th -21st March: Light to moderate rainfall/thundershower at most places with **heavy to very heavy rainfall at a few places and extremely heavy rainfall at isolated places** very likely over Andaman and Nicobar Islands.

22nd March: Light to moderate rainfall/thundershower at most places with **heavy to extremely heavy rainfall at isolated places** very likely over Andaman Islands.

(ii) Wind warning

- **16th 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 and adjoining Equatorial Indian Ocean.
- **17th and 18th March:** Squally winds speed reaching 40-50 kmph gusting to 60 kmph are very likely to prevail over southeast Bay of Bengal and adjoining south Andaman Sea.
- **19th March:** Squally winds speed reaching 45-55 kmph gusting to 65 kmph are very likely to prevail over Andaman and Nicobar Islands, Andaman Sea and southeast Bay of Bengal.
- **20th March:** Squally winds speed reaching 55-65 kmph gusting to 75 kmph are very likely to prevail over Andaman and Nicobar Islands, Andaman Sea and adjoining southeast Bay of Bengal from morning hours and would gradually increase thereafter.
- **21st March:** Gale winds speed reaching 70-80 kmph gusting to 90 kmph are very likely to prevail over Andaman and Nicobar Islands, eastcentral Bay of Bengal and adjoining southeast Bay of Bengal.
- **22nd March:** Gale winds speed reaching 70-80 kmph gusting to 90 kmph are very likely to prevail over eastcentral Bay of Bengal, north Andaman Islands, north Andaman and adjoining areas.
- **23rd March:** Gale winds speed reaching 70-80 kmph gusting to 90 kmph are very likely to prevail over northeast and adjoining eastcentral Bay of Bengal and along and off Bangladesh-north Myanmar coasts.

(iii) Sea condition

- Sea condition is very likely to become rough over central parts of south Bay of Bengal and adjoining Equatorial Indian Ocean on 16th March and over southeast Bay of Bengal and adjoining south Andaman Sea during 17th – 18th March.
- Sea condition is very likely to become rough to very rough over Andaman Sea and adjoining southeast Bay of Bengal during 19th March. It would become very rough to high over the same region on 20th March.
- Sea condition is very likely to become high over Andaman Sea, southeast and adjoining eastcentral Bay of Bengal on 21st, over eastcentral and adjoining southeast Bay of Bengal and north Andaman Sea on 22nd and over northeast and adjoining eastcentral Bay of Bengal and along and off Bangladesh-north Myanmar coasts on 23rd March.

(iv) Fishermen Warning (Graphics enclosed)

- Fishermen are advised not to venture into central parts of south Bay of Bengal and adjoining Equatorial Indian Ocean on 16th March and into southeast BoB & Andaman Sea area areas during 17th – 18th March.
- Fishermen are advised not to venture into southeast Bay of Bengal during 19th to 21st March and into Andaman Sea and along & off Andaman and Nicobar Islands during 19th to 22nd March.

- Fishermen are advised not to venture into east central Bay of Bengal during 21st to 23rd March and into northeast Bay of Bengal during 22nd to 23rd March.

(v) EXPECTED IMPACT & ACTION SUGGESTED for Andaman and Nicobar Islands

A. Impact Expected

- Localized Flooding of roads, inundation and water logging in low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic due to water logging in roads leading to increased travel time.
- Adverse impact on marine and tourist activities along the coasts.
- 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

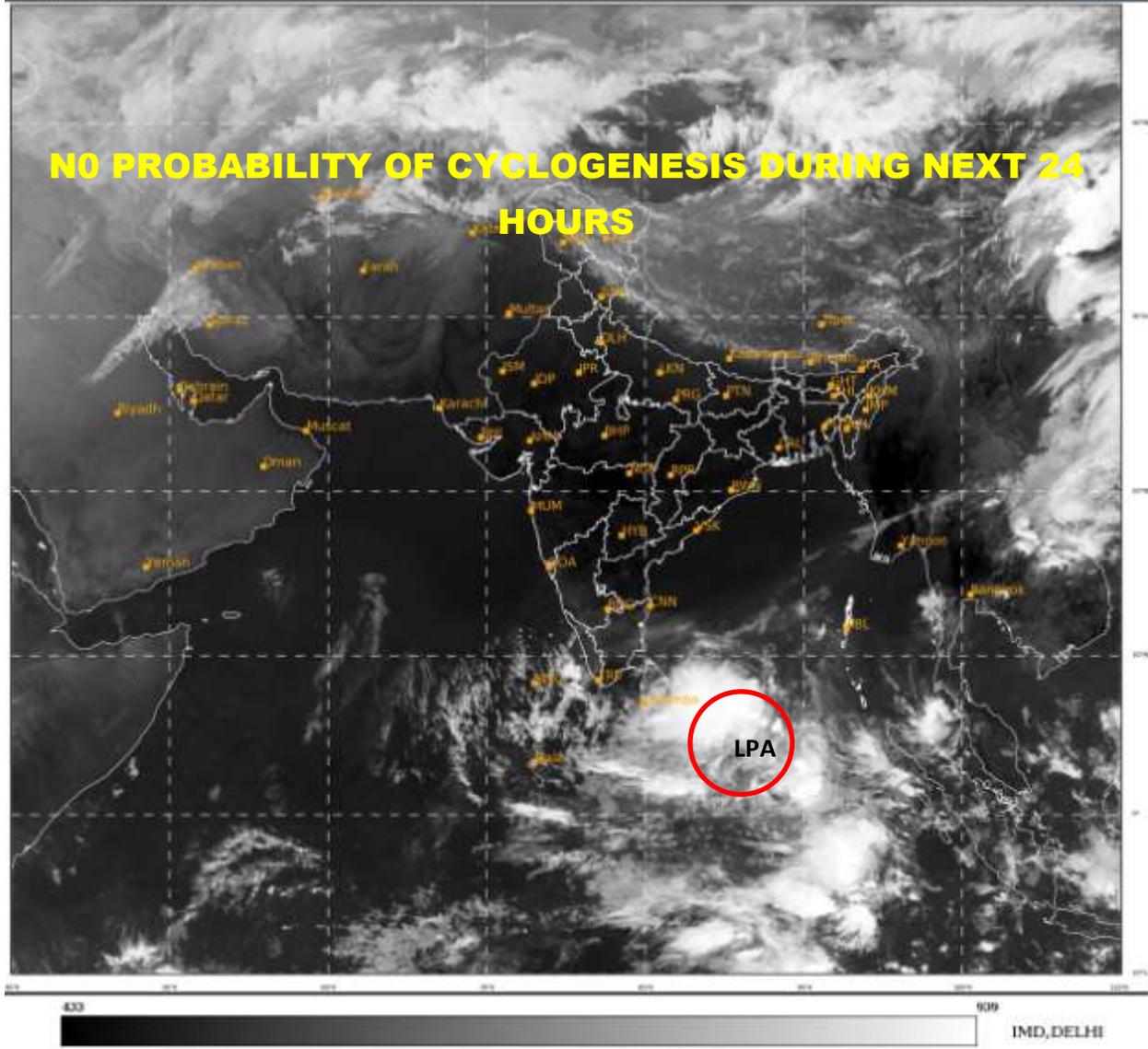
- Total suspension of fishing and tourism activities during 19th to 22nd March.
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.
- Regulate off-shore activities from 19th and suspension of off-shore activities during 20th to 22nd March.

Next message will be issued at 1430 hours IST of tomorrow, the 17th March, 2022.

(Ananda Kumar Das)
Scientist-E, RSMC, New Delhi

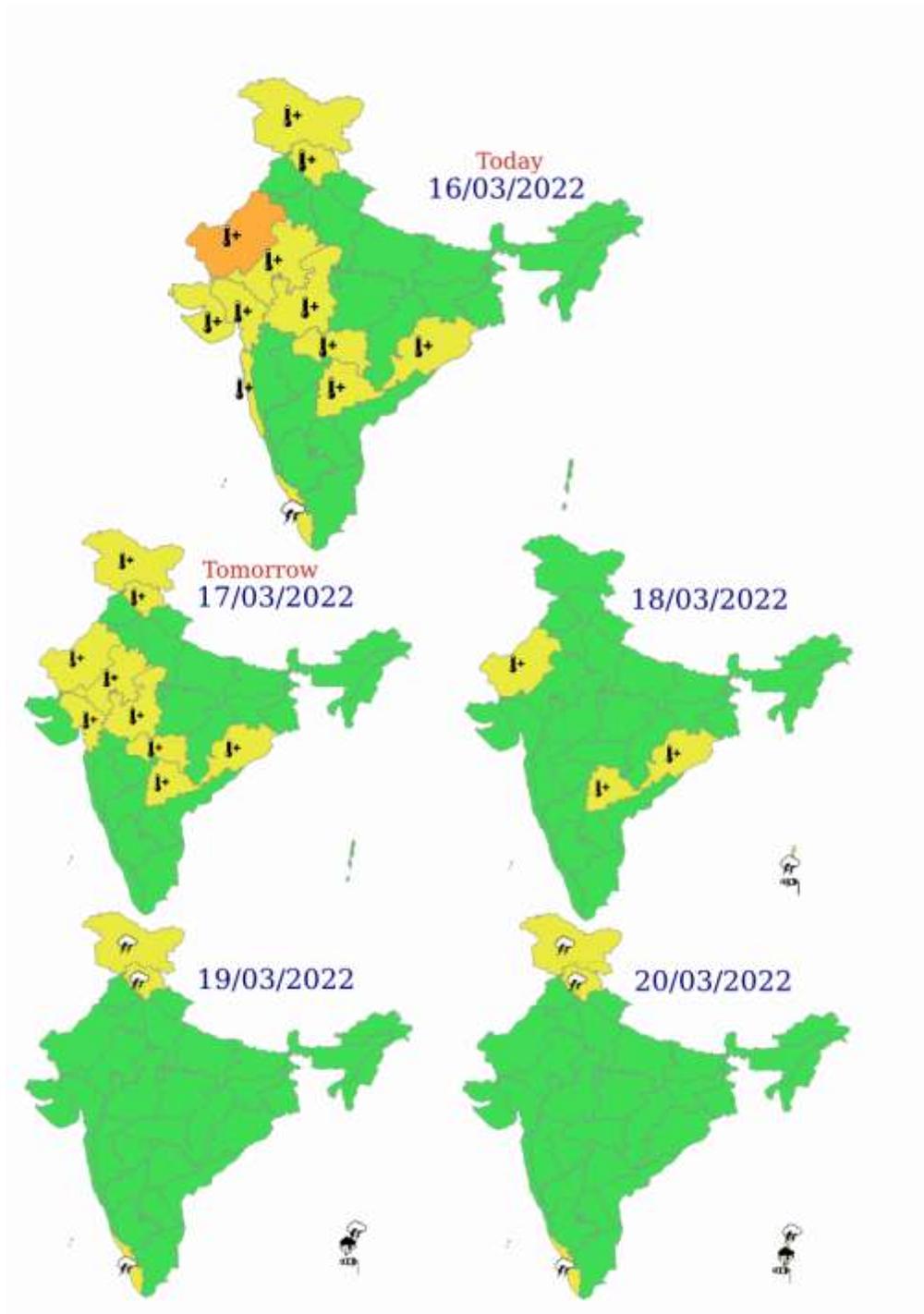
Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswarr/CWC Vishakhapatnam/MO Port Blair

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



LPA: LOW PRESSURE AREA

Rainfall Warning Graphics



WARNING

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

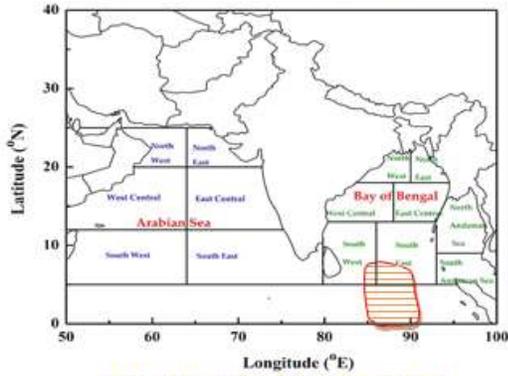
 **Heavy Rain**

 **Strong Winds**

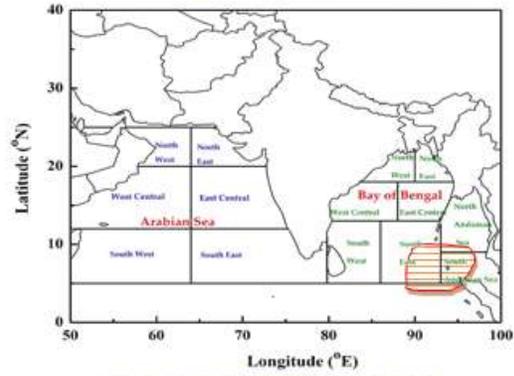
Fishermen warning Graphics

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

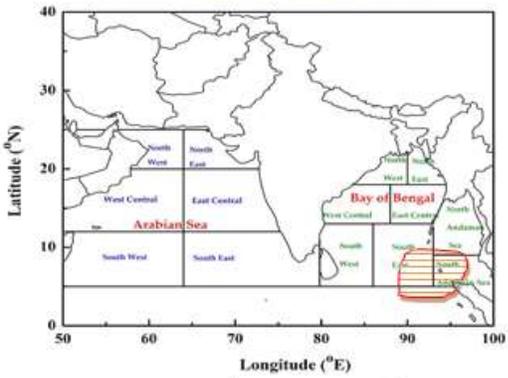
DAY-1: 16.03.2022/0600 UTC TO 17.03.2022/0600 UTC



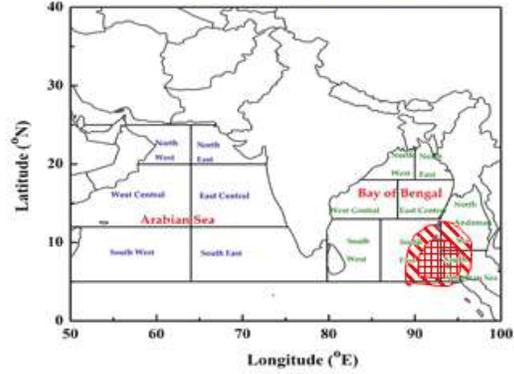
DAY-2: 17.03.2022/0600 UTC TO 18.03.2022/0600 UTC



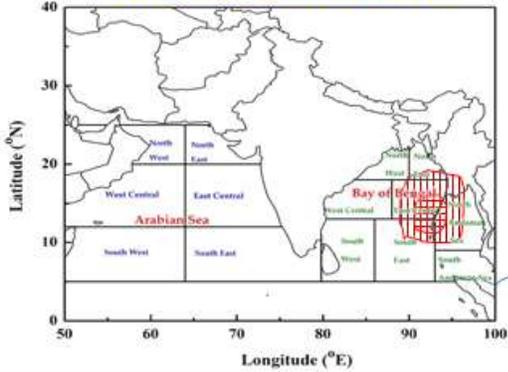
DAY-3: 18.03.2022/0600 UTC TO 19.03.2022/0600 UTC



DAY-4: 19.03.2022/0600 UTC TO 20.03.2022/0600 UTC



DAY-5: 20.03.2022/0600 UTC TO 21.03.2022/0600 UTC



AREA UNDER FISHERMEN WARNING

-  40-50 KMPH GUSTING TO 55 KMPH (SQUALLY WEATHER)
-  40-50 KMPH GUSTING TO 60 KMPH (STRONG WIND)
-  45-55 KMPH GUSTING TO 65 KMPH
-  50-60 KMPH GUSTING TO 70 KMPH
-  55-65 KMPH GUSTING TO 75 KMPH
-  60-70 KMPH GUSTING TO 80 KMPH