



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

SPECIAL MESSAGE NO. 3 (BOB/06/2023)

TIME OF ISSUE: 1330 HOURS IST

DATED:29.11.2023

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

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Sub: Well Marked Low Pressure Area over Southeast Bay of Bengal & adjoining South Andaman Sea

Yesterday's Low Pressure Area over south Andaman Sea & adjoining Southeast Bay of Bengal moved west-northwestwards and lay as a Well Marked Low Pressure Area over Southeast Bay of Bengal & adjoining South Andaman Sea at 0830 hours IST of today, the 29th November, 2023.

It is likely to move west-northwestwards and intensify into a Depression over southeast Bay of Bengal on 30th November, 2023. Thereafter, it is likely to move northwestwards and intensify gradually into a Cyclonic Storm over Southwest & adjoining Southeast Bay of Bengal around 2nd December.

Pre-genesis Track & Intensity Forecasts:

Date/Time (IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
29.11.23/0830	05.4/91.9	25-35 kmph gusting to 45 kmph	Well Marked Low Pressure Area
29.11.23/1730	05.9/90.9	30-40 kmph gusting to 50 kmph	Well Marked Low Pressure Area
30.11.23/0530	06.6/89.9	40-50 kmph gusting to 60 kmph	Depression
30.11.23/1730	07.5/88.7	45-55 kmph gusting to 65 kmph	Depression
01.12.23/0530	08.5/87.5	50-60 kmph gusting to 70 kmph	Deep Depression
01.12.23/1730	09.6/86.3	55-65 kmph gusting to 75 kmph	Deep Depression
02.12.23/0530	10.7/85.2	60-70 kmph gusting to 80 kmph	Cyclonic Storm

Warnings:

(i) Rainfall Warning (graphics enclosed):

- Light to moderate rainfall at most places with **isolated heavy rainfall** is likely over Nicobar Islands on 29th & 30th November.
- Light to moderate rainfall at most places with **isolated heavy rainfall** is likely over Coastal Tamil Nadu & Puducherry during 1st to 3rd December.
- Light to moderate rainfall at most places with **isolated heavy rainfall** is likely over Coastal Andhra Pradesh during 2nd to 4th December.

(ii) Wind warning:

- **Andaman Sea and Andaman & Nicobar Islands:**

Strong wind speed reaching **25-35 kmph gusting to 45 kmph** is likely to prevail over South Andaman Sea and adjoining Andaman & Nicobar Islands on 29th

- **Southeast Bay of Bengal:**

Squally weather with wind speed reaching **40-50 kmph gusting to 60 kmph** is likely to prevail over Southeast Bay of Bengal from 30th November morning. It is likely to increase becoming **50-60 kmph gusting to 70 kmph** from 1st December morning and **Gale Wind** speed reaching **60-70 kmph gusting to 80 kmph** on 2nd December morning onwards.

- **Southwest Bay of Bengal:**

Squally wind speed reaching **40-50 kmph gusting to 60 kmph** is likely over adjoining Southwest Bay of Bengal from 1st December morning. It would increase becoming **Gale Wind** speed reaching **60-70 kmph gusting to 80 kmph** on 2nd December morning.

- **Central Bay of Bengal:**

Squally wind speed reaching **35-45 kmph gusting to 55 kmph** is likely over adjoining central Bay of Bengal from 1st December evening and is likely to increase becoming **45-55 kmph gusting to 65 kmph** from 2nd December morning.

(iii) Sea Condition:

- **Andaman Sea and Andaman & Nicobar Islands:**

Moderate to rough sea condition is likely over South Andaman Sea and adjoining Andaman & Nicobar Islands on 29th November.

- **Southeast Bay of Bengal:**

Rough to very Rough Sea condition is likely over Southeast Bay of Bengal on 30th November & 1st December and **very rough to high** on 2nd December.

- **Southwest Bay of Bengal :**

Rough to Very Rough to sea condition is likely from 1st December morning becoming **very rough to high** from 2nd December morning.

- **Central Bay of Bengal :**

Rough to Very Rough to sea condition is likely from 1st December morning and becoming **very rough to high** from 2nd December morning onwards.

(iv) Fishermen Warning (graphics attached):

Fishermen are advised not to venture into:

- South Andaman Sea on 29th November.
- Southeast Bay of Bengal during 30th November to 2nd December.
- Southwest Bay of Bengal during 30th November to 3rd December.
- Central Bay of Bengal from 1st December morning to 5th December.

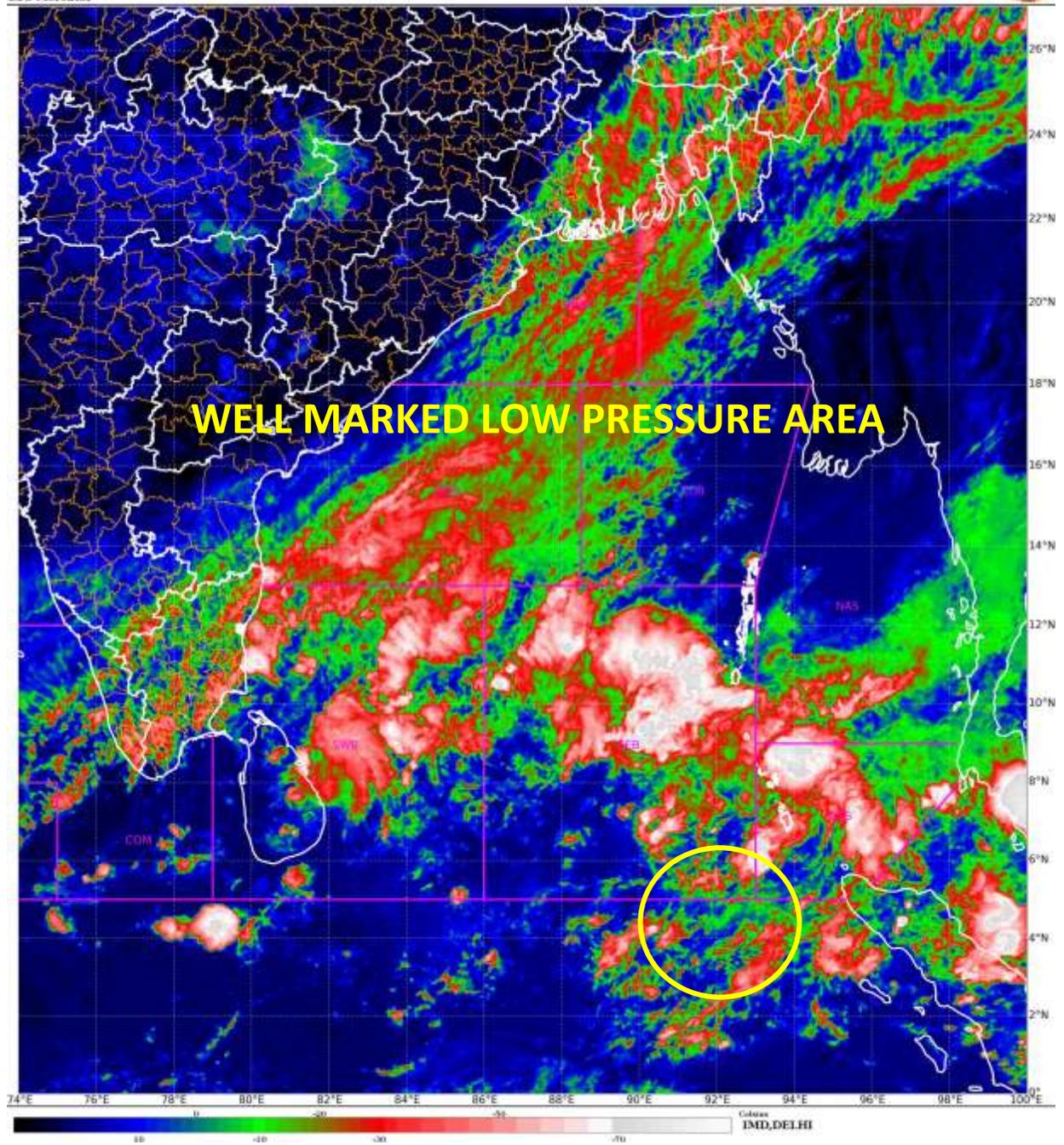
The Fishermen out at sea are advised to return to Andaman & Nicobar Islands and those off east coast of India (from Tamil Nadu coast to Odisha coast) are advised to return to coast by 30th November.

The system is under continuous surveillance and the next message will be issued at 1130 hours IST of tomorrow, the 30th November, 2023.

(Ananda Kumar Das)

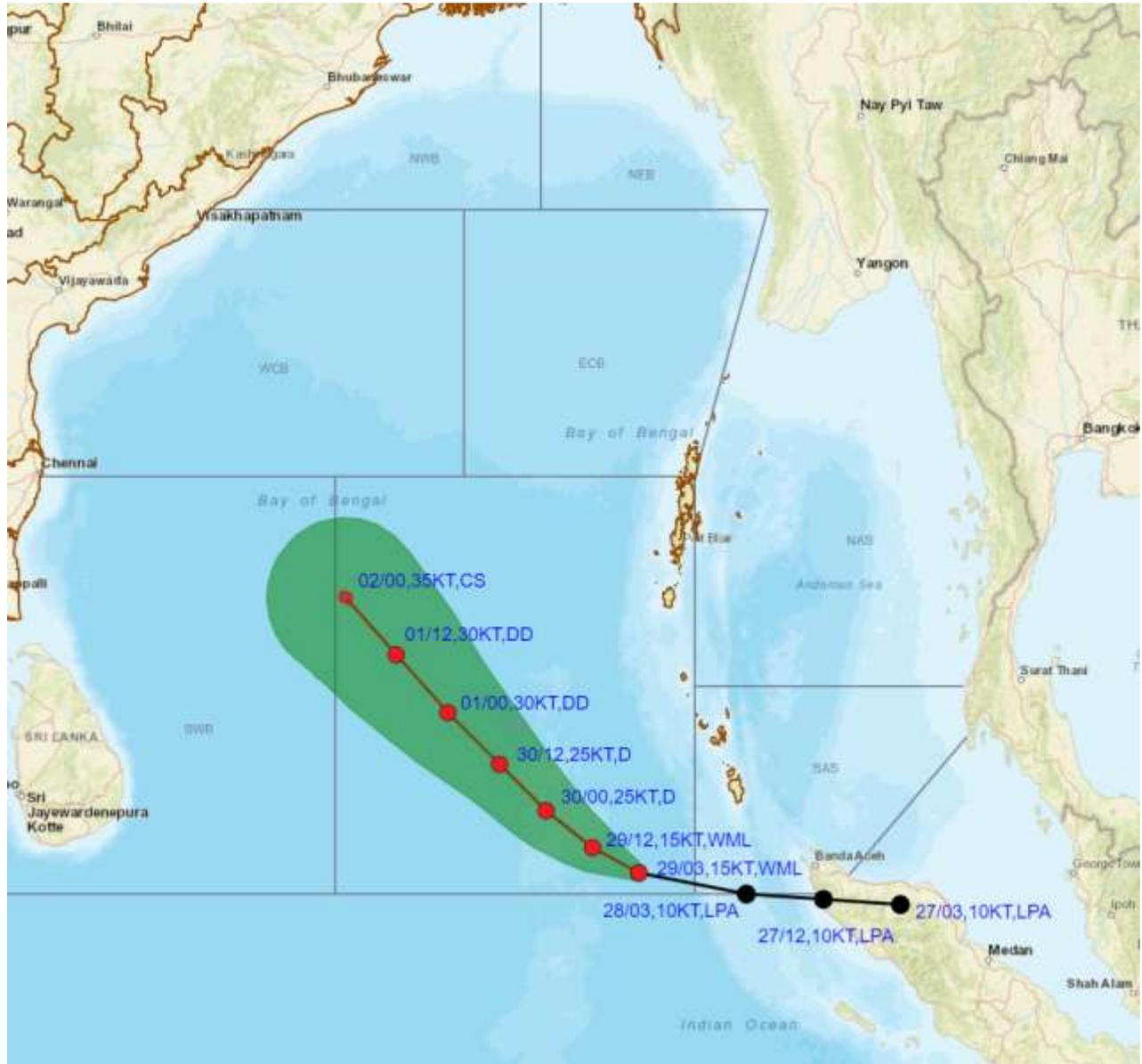
Scientist F, Cyclone Warning, New Delhi

*Copy to: ACWC Mumbai/ ACWC Chennai/ ACWC Kolkata/ CWC Ahmedabad/ CWC
Bhubaneswar/ CWC Vishakhapatnam/ CWC Thiruvananthapuram/ MC Goa*





PREGENESIS TRACK FORECAST ALONGWITH CONE OF UNCERTAINTY IN ASSOCIATION WITH LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL AND ADJOINING SOUTH ANDAMAN SEA BASED ON 0300 UTC (0830 IST) OF 29TH NOVEMBER 2023.



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 (≥ 120 KT)

● LESS THAN 34 KT

⊙ 34-47 KT

⊙ ≥ 48 KT

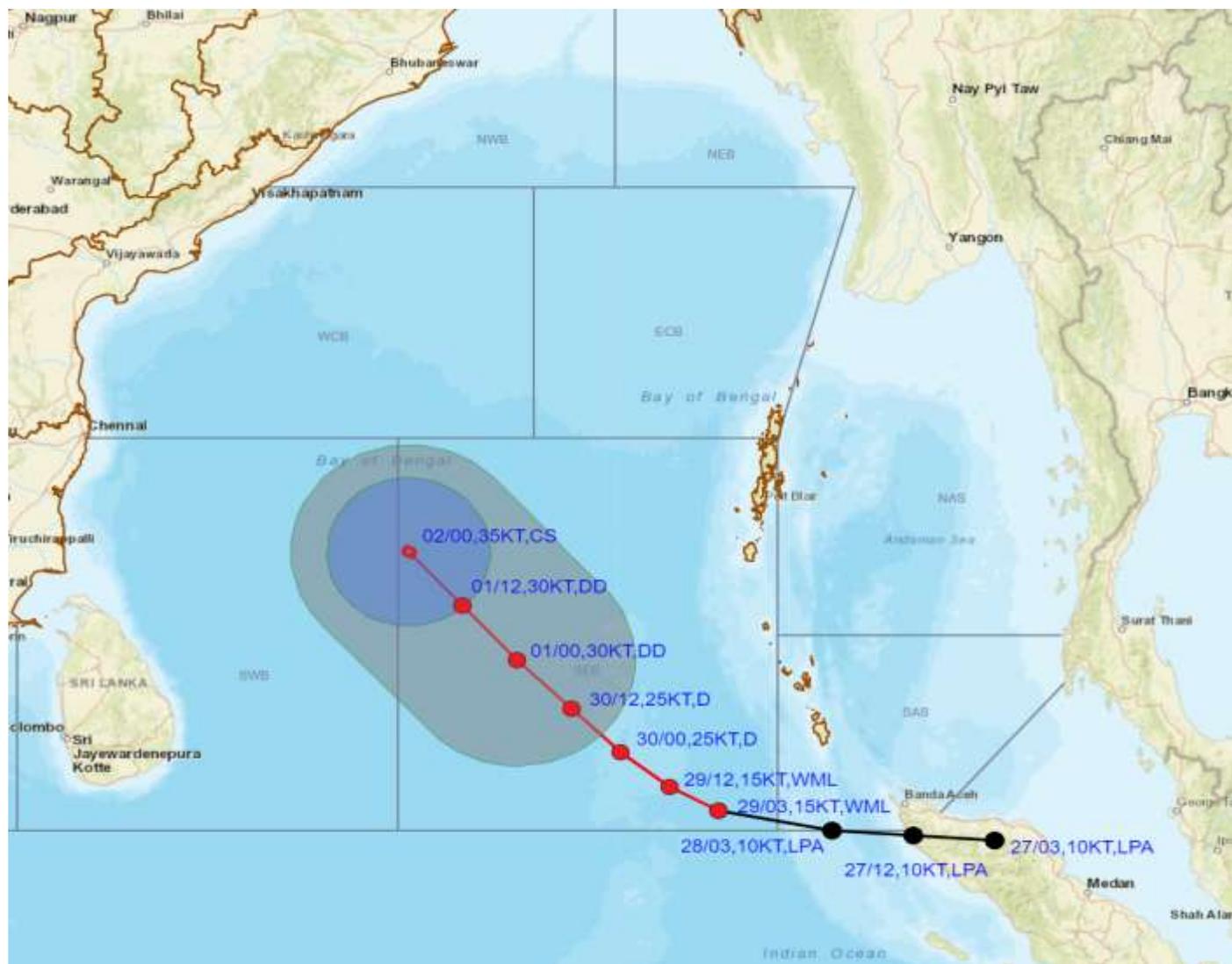
— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY



PREGENESIS TRACK FORECAST ALONG WITH QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL AND ADJOINING SOUTH ANDAMAN SEA BASED ON 0300 UTC (0830 IST) OF 29TH NOVEMBER 2023.



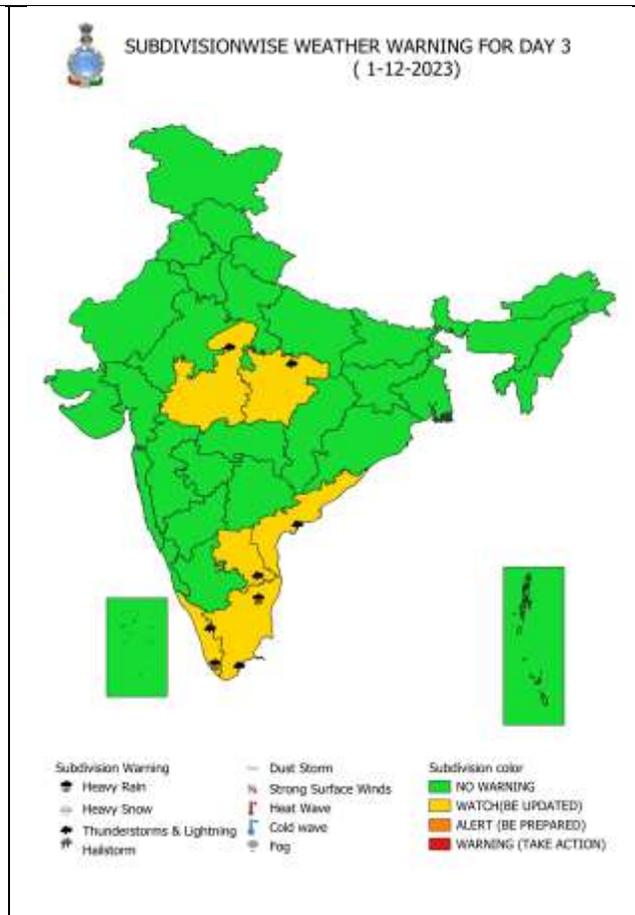
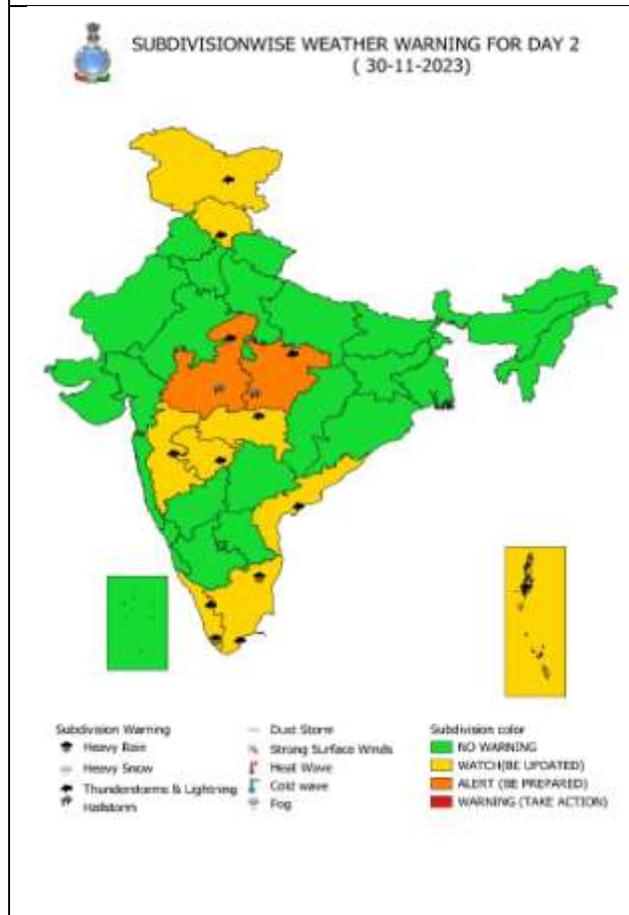
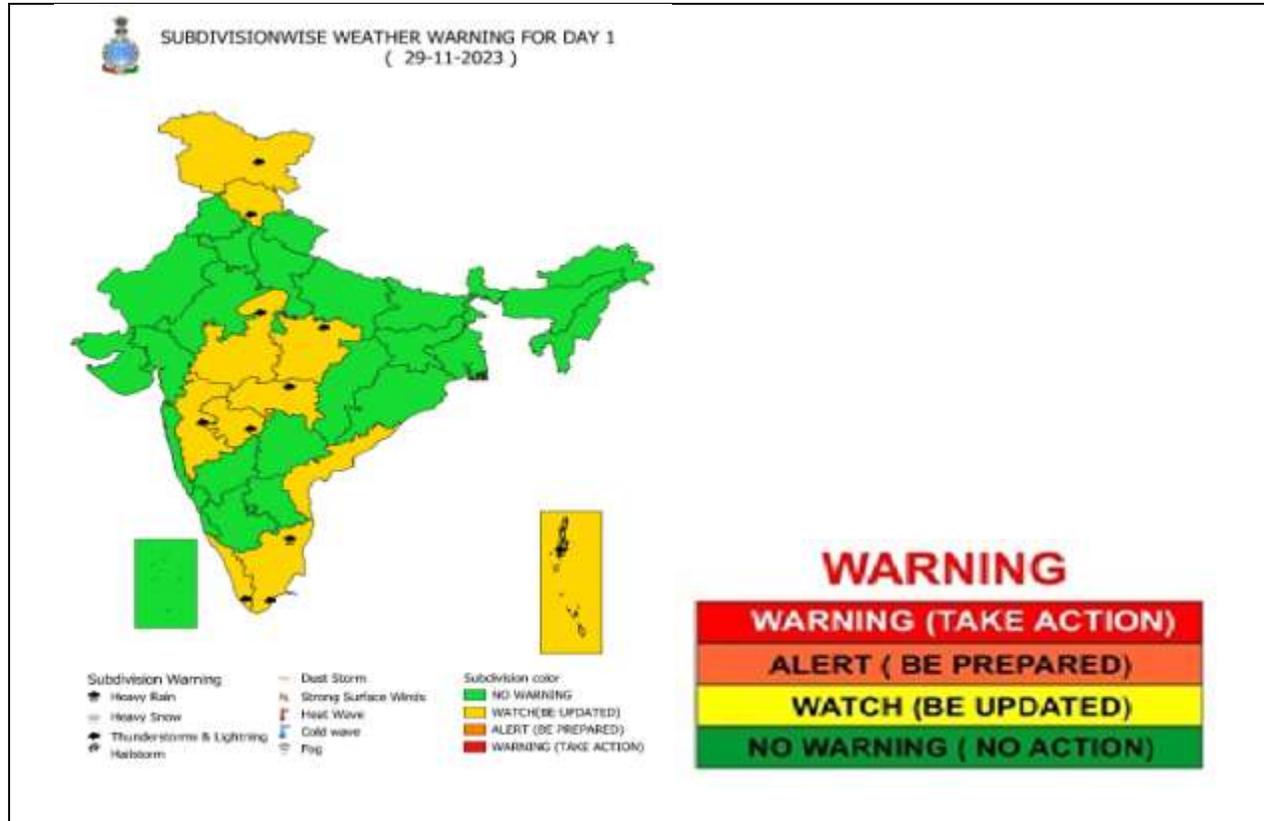
DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
 SuCS: SUPER CYCLONIC STORM (\geq 120 KT)

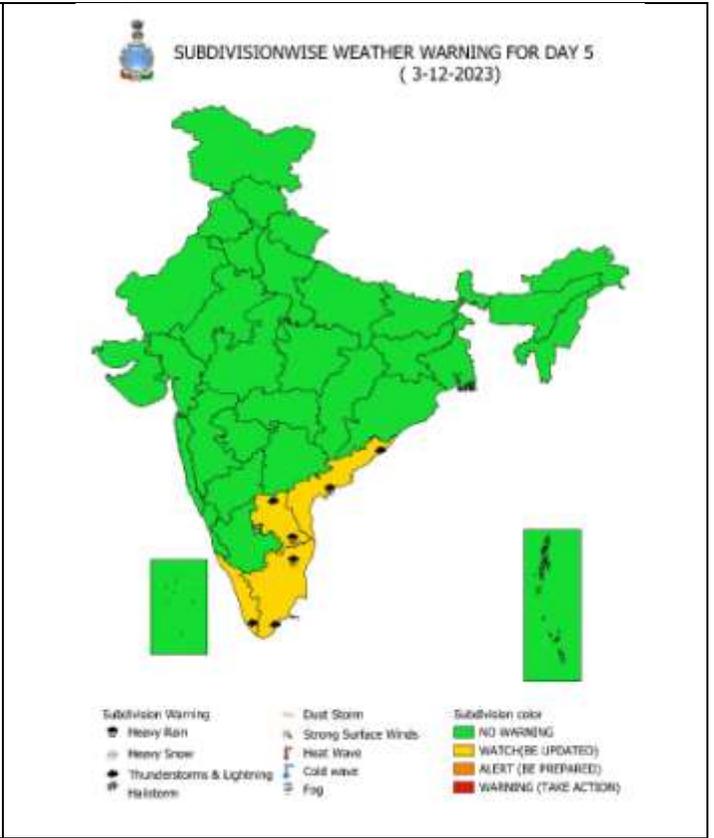
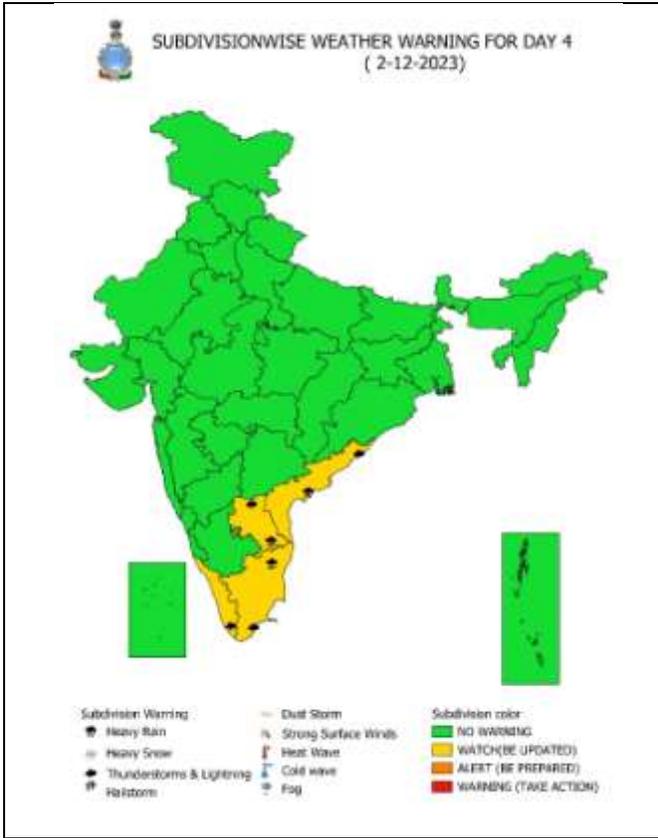
● LESS THAN 34 KT
 ○ 34-47 KT
 ● \geq 48 KT
 — OBSERVED TRACK
 — FORECAST TRACK
 — CONE OF UNCERTAINTY
 AREA OF MAXIMUM SUSTAINED WIND SPEED:
 ■ 28-33 KT (52-61 KMPH)
 ■ 34-49 KT (62-91 KMPH)
 ■ 50-63 KT (92-117 KMPH)
 ■ \geq 64 KT (\geq 118 KMPH)

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
\geq 64 (\geq 118)	Phenomenal	Total suspension of fishing operations

Weather Warning Graphics





 **Heavy Rain**

 **Strong Winds**

 **Frost**

 **Heavy Snow**

 **Visibility**

 **Cold Wave**

 **Thunderstorm**

 **Cyclone**

 **Heat Wave**

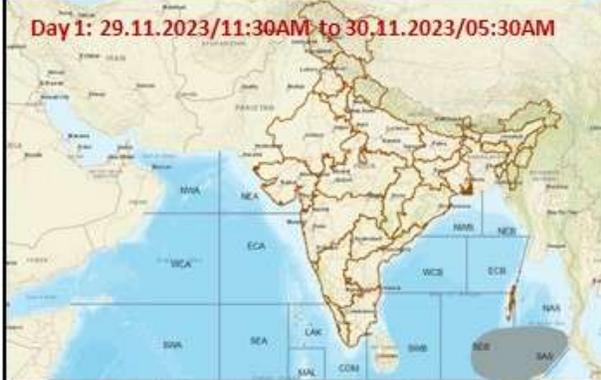
 **Dust Storm**

 **Squall/ Hail**

 **Sea State**

Fishermen warning graphics

Day 1: 29.11.2023/11:30AM to 30.11.2023/05:30AM



Day 2: 30.11.2023/05:30AM to 01.12.2023/05:30AM



Day 3: 01.12.2023/05:30AM to 02.12.2023/05:30AM



Day 4: 02.12.2023/05:30AM to 03.12.2023/05:30AM



Day 5: 03.12.2023/05:30AM to 04.12.2023/05:30AM



Squally WX with wind speed 40-45 kmph gusting to 55 kmph

Squally WX with wind speed 45-55 kmph gusting to 65 kmph

Squally wind with speed 50-60 kmph gusting to 70 kmph

CS with Gale wind speed 60-90 kmph gusting to 110 kmph

Fishermen are advised not to venture into the marked areas.