



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

SPECIAL MESSAGE NO. 2 (BOB/06/2023)

TIME OF ISSUE:1310 HOURS IST

DATED:28.11.2023

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

TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)

CONTROL ROOM NDMA (FAX.NO. 26701729)

CABINET SECRETARIAT (FAX.NO.23012284, 23018638)

PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)

SECRETARY, MOES (FAX NO. 24629777)

H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)

DIRECTOR GENERAL, DOORDARSHAN (23385843)

DIRECTOR GENERAL, AIR (23421105, 23421219)

PIB MOES (FAX NO. 23389042)

UNI (FAX NO. 23355841)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX NO. 26105912, 2436 3260)

DIRECTOR, PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, ODISHA (FAX NO. 0674-2536660)

CHIEF SECRETARY, WEST BENGAL (FAX NO. 033-22144328)

CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)

CHIEF SECRETARY, TAMIL NADU (FAX NO 044-25672304)

CHIEF SECRETARY, PUDUCHERRY (FAX NO 0413-2334145)

ADMINISTRATOR, ANDAMAN & NICOBAR ISLANDS (FAX NO. 03192- 232656)

Sub: Low Pressure Area over South Andaman Sea

Yesterday's low pressure area over South Andaman Sea & adjoining Malacca Strait moved nearly westwards and lay over South Andaman Sea at 0830 hours IST of today, the 28th November.

It is likely to move west-northwestwards and intensify into a Depression over southeast Bay of Bengal around 30th November, 2023. Thereafter, it is likely to move northwestwards and intensify further into a cyclonic storm over southwest & adjoining southeast Bay of Bengal during subsequent 48 hours.

Pre-genesis Track & Intensity Forecasts:

Date/Time (IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
28.11.23/0830	07.0/94.0	15-25 kmph gusting to 35 kmph	Low Pressure Area
28.11.23/1730	07.4/92.8	20-25 kmph gusting to 35 kmph	Low Pressure Area
29.11.23/0530	07.8/91.6	25-30 kmph gusting to 40 kmph	Well Marked Low Pressure Area
29.11.23/1730	08.4/90.4	30-40 kmph gusting to 50 kmph	Well Marked Low Pressure Area
30.11.23/0530	09.0/89.2	40-50 kmph gusting to 60 kmph	Depression
30.11.23/1730	09.7/88.3	45-55 kmph gusting to 65 kmph	Depression
01.12.23/0530	10.4/87.5	50-60 kmph gusting to 70 kmph	Deep Depression
01.12.23/1730	11.2/86.4	55-65 kmph gusting to 75 kmph	Deep Depression
02.12.23/0530	12.0/85.3	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 during 28th to 1st December with **isolated heavy to very heavy rainfall** on 29th November.

(ii) Wind warning:

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

Strong wind speed reaching **15-25 kmph gusting to 35 kmph** is likely to prevail over South Andaman Sea and adjoining Andaman & Nicobar Islands on 28th and likely to become **20-30 kmph gusting to 40 kmph** on 29th November.

- **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 on 30th November. It is likely to increase becoming **50-60 kmph gusting to 70 kmph** on 1st December and **Gale Wind** speed reaching **60-70 kmph gusting to 80 kmph** on 2nd December.

- **Southwest Bay of Bengal:**

Squally wind speed reaching **40-50 kmph gusting to 60 kmph** is likely over adjoining Southwest Bay of Bengal on 1st & 2nd December.

- **Central Bay of Bengal:**

Squally wind speed reaching **40-50 kmph gusting to 60 kmph** is likely over adjoining central Bay of Bengal 1st December and is likely to become **50-60 kmph gusting to 70 kmph** on 2nd December.

(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, North Andaman Sea & Malacca Strait on 28th & 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 and adjoining Central Bay of Bengal :**

Rough to Very Rough to sea condition is likely on 1st & 2nd December.

(iv) Fishermen Warning (graphics attached):

Fishermen are advised not to venture into:

South Andaman Sea on 29th & 30th November.

Southeast Bay of Bengal 30th November to 2nd December.

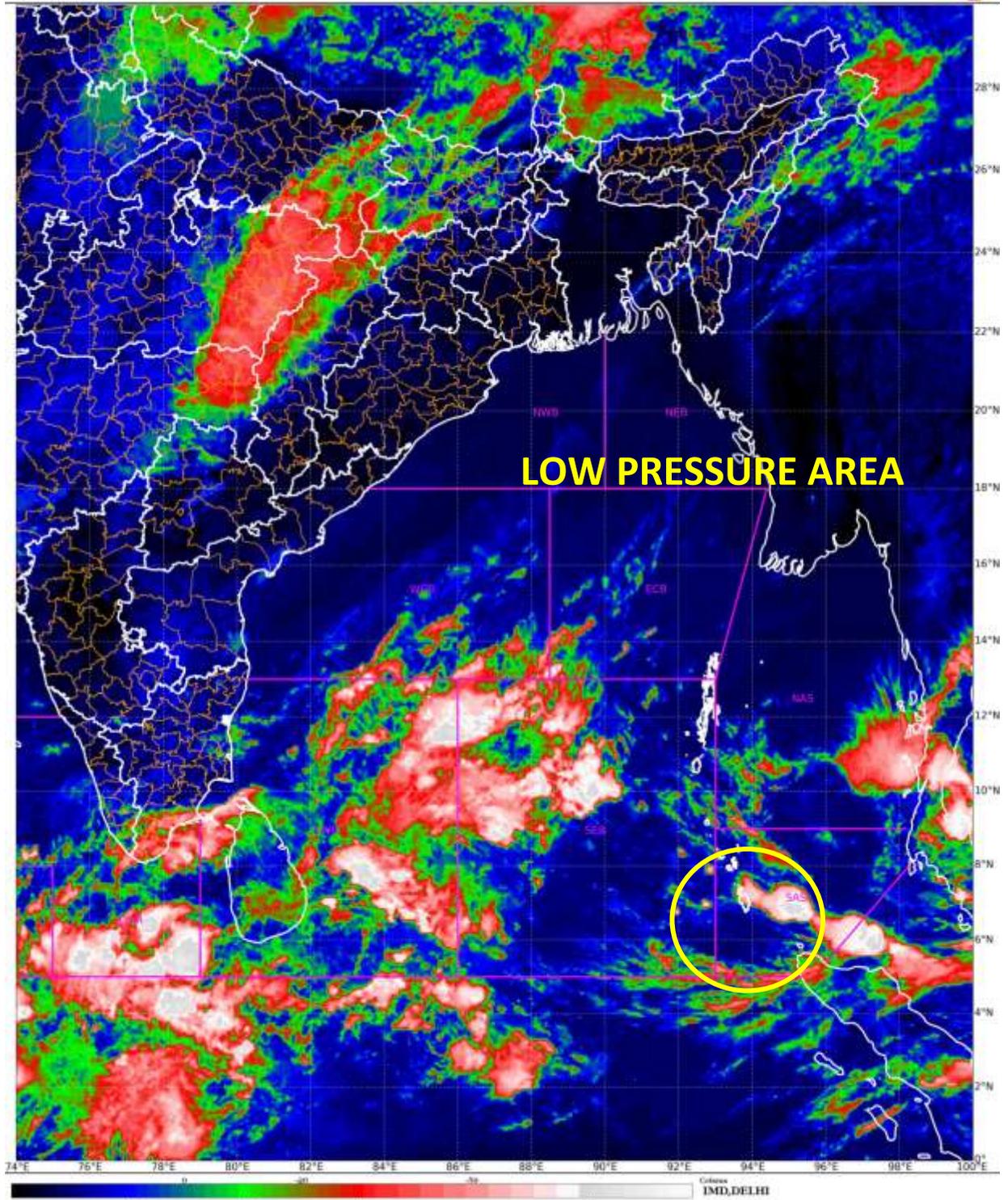
Southwest and adjoining central Bay of Bengal on 30th November and 2nd December.

The Fishermen out at sea are advised to return to Islands by today, the 28th November.

The systems is under continuous surveillance and the next message will be issued at 1130 hours IST of tomorrow, the 29th November, 2023.

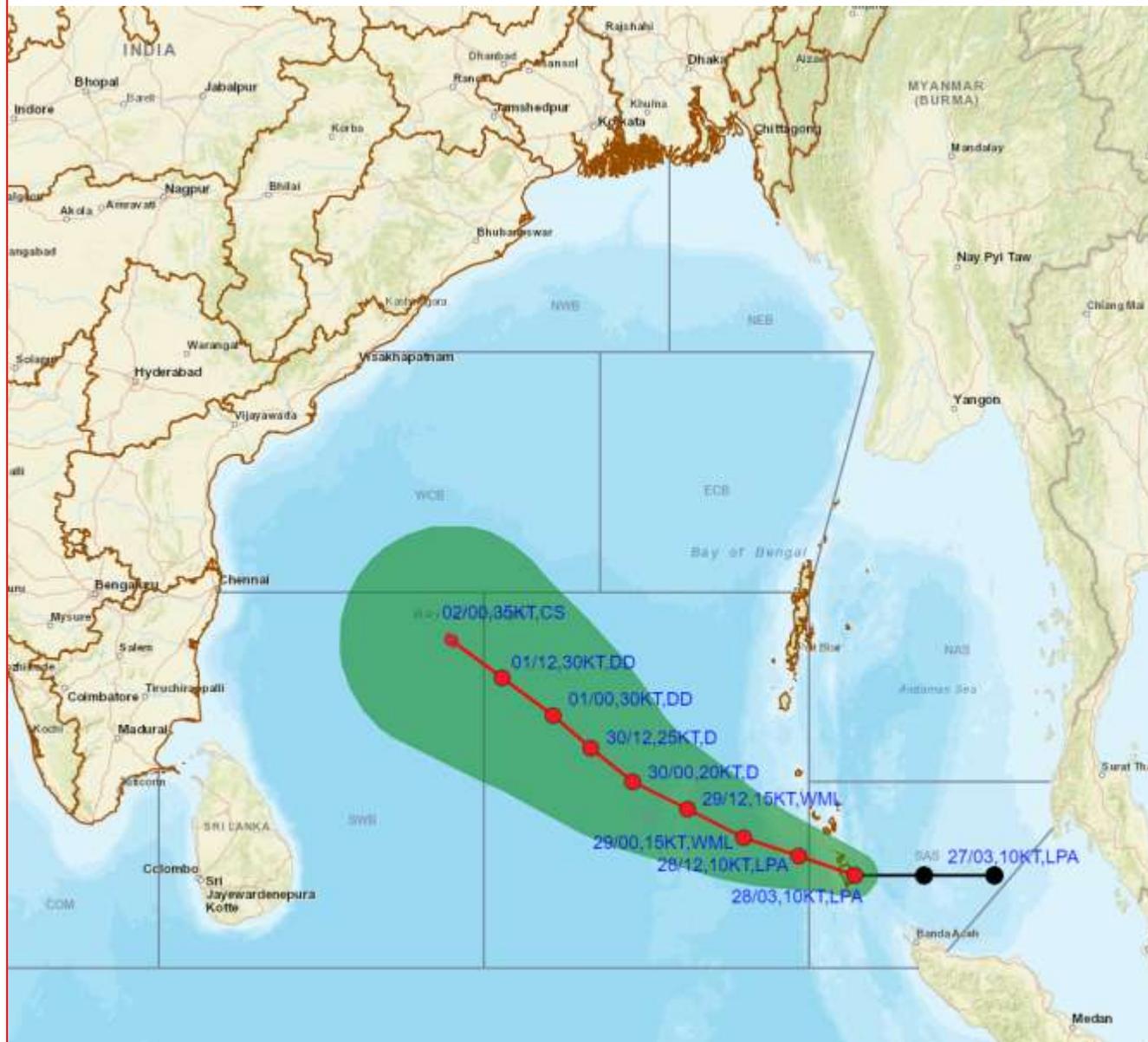
(Ananda Kumar Das)
Scientist F, Cyclone Warning, New Delhi

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 SOUTH ANDAMAN SEA BASED ON 0300 UTC (0830 IST) OF 28TH 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 (48-63 KT)

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

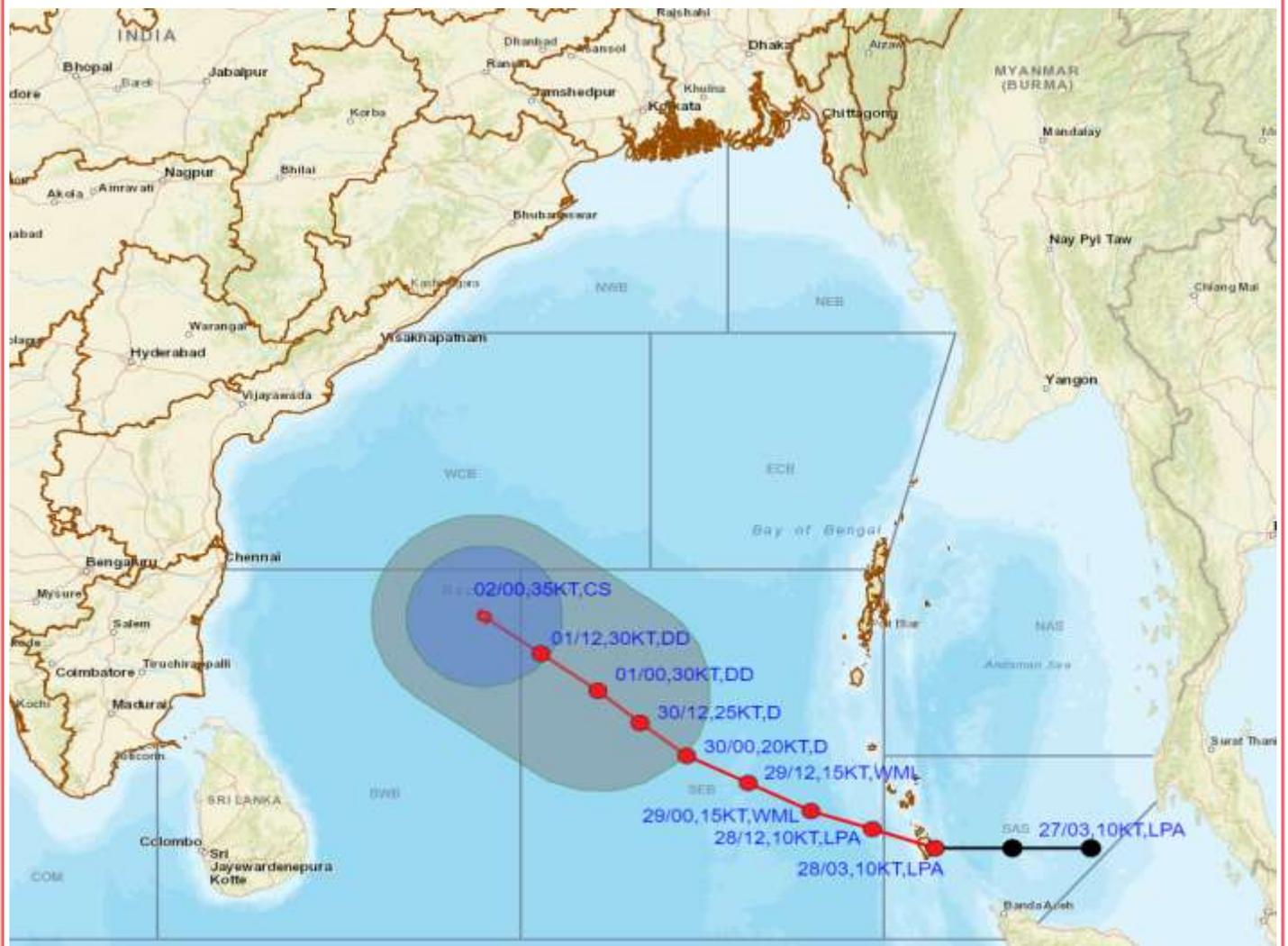
— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY



PREGENESIS TRACK FORECAST ALONG WITH QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH LOW PRESSURE AREA OVER SOUTH ANDAMAN SEA BASED ON 0300 UTC (0830 IST) OF 28TH NOVEMBER 2023.



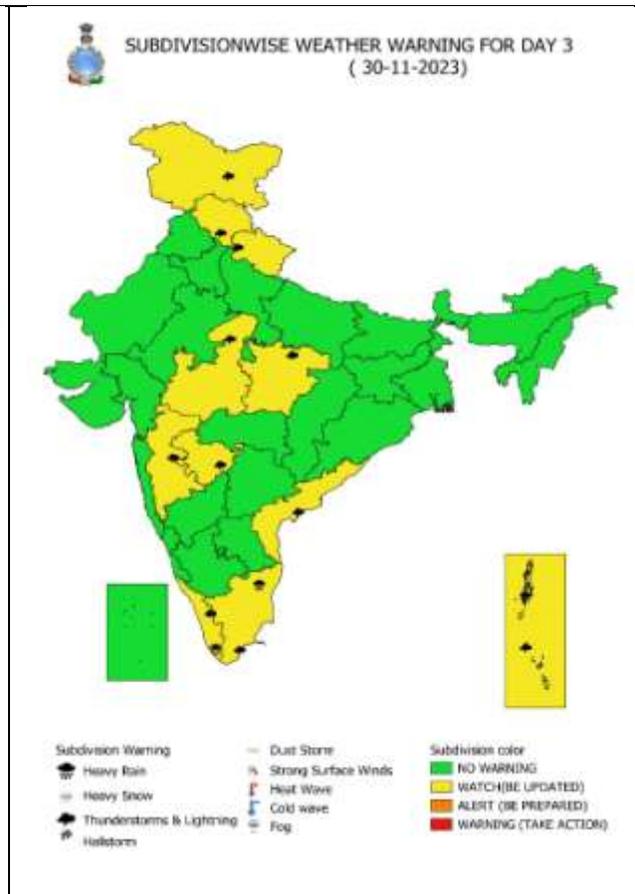
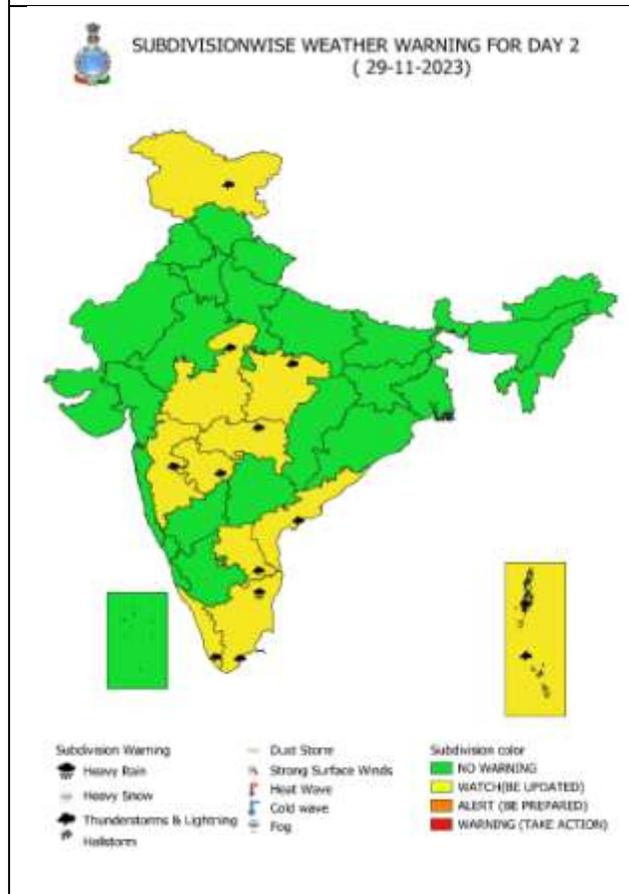
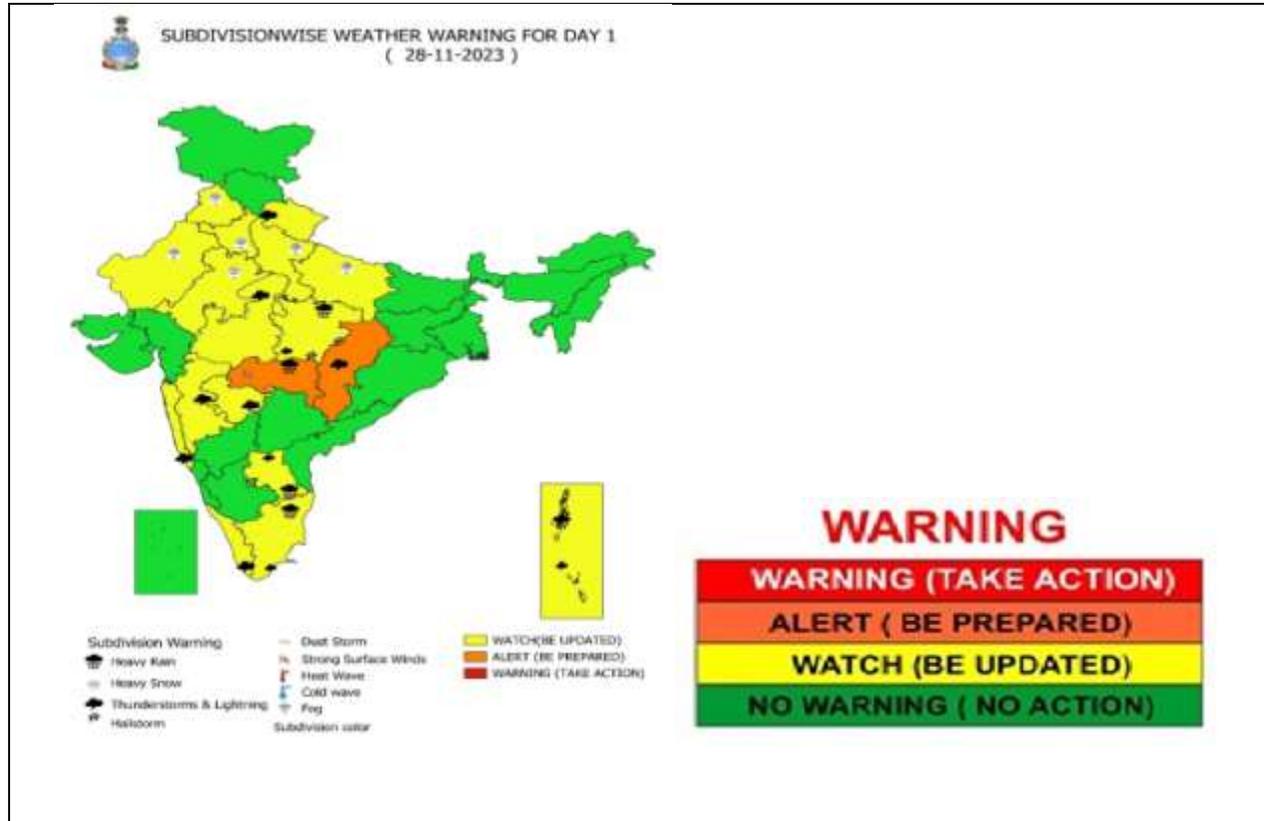
DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM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

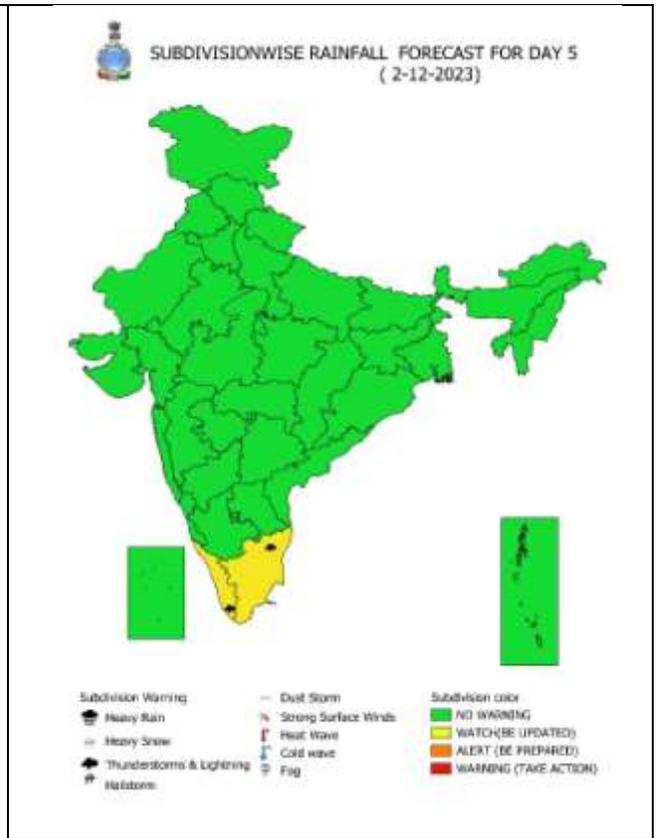
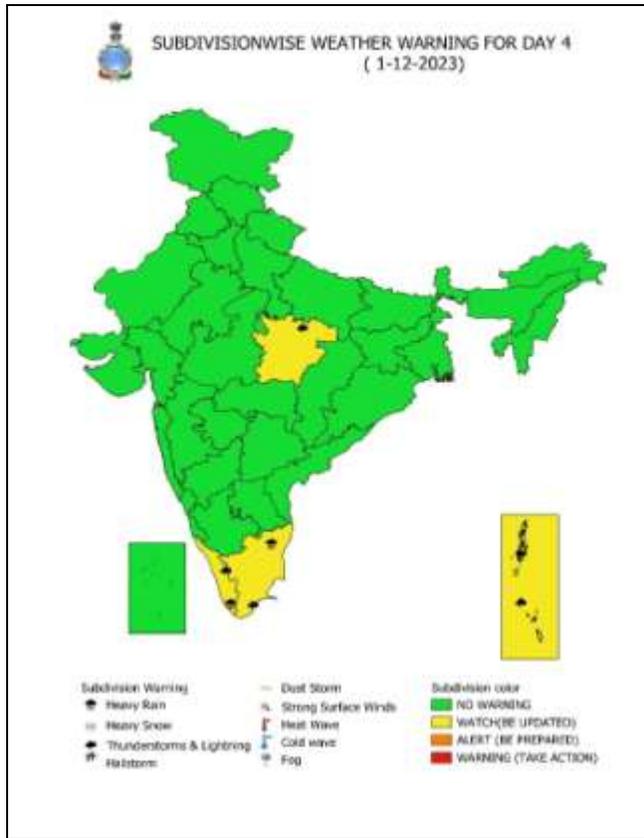
● LESS THAN 34 KT
 ○ 34-47 KT
 ● ≥ 48 KT
 — OBSERVED TRACK
 — FORECAST TRACK
 — CONE OF UNCERTAINTY
 AREA OF MAXIMUM SUSTAINED WIND SPEED:
 ■ 28-33 KT (52-61 KMPH)
 ■ 34-49 KT (62-91 KMPH)
 ■ 50-63 KT (92-117 KMPH)
 ■ ≥ 64 KT (≥118 KMPH)

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

Weather Warning Graphics





Fishermen warning graphics

Day 1: 28.11.2023/11:30AM to 29.11.2023/05:30AM



Day 2: 29.11.2023/05:30AM to 30.11.2023/05:30AM



Day 3: 30.11.2023/05:30AM to 01.12.2023/05:30AM



Day 4: 01.12.2023/05:30AM to 02.12.2023/05:30AM



Day 5: 02.12.2023/05:30AM to 03.12.2023/05:30AM



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.