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(Ministry of Earth Sciences)**

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**Subject: (A) Deep Depression over Westcentral and adjoining northwest Bay of Bengal  
and (B) Depression over northeast Arabian Sea**

**(A) Deep Depression over Westcentral and adjoining northwest Bay of Bengal**

The Deep Depression over westcentral and adjoining northwest Bay of Bengal moved north-northwestwards with a speed of 17 kmph and lay centered at 0530 hrs IST of today, the 02<sup>nd</sup> October 2025 over the same region near latitude 17.7°N and longitude 85.7°E, about 190 km south-southeast of Gopalpur, 190 km east-southeast of Kalingapatnam (Andhra Pradesh), 230 km south of Puri (Odisha), 250 km east of Visakhapatnam (Andhra Pradesh) and 310 km south-southwest of Paradip (Odisha).

It is very likely to continue to move north-northwestwards and cross Odisha and adjoining Andhra Pradesh coasts between Gopalpur and Paradip by night of 2nd October.

**Forecast location and intensity are given in following table:**

| <b>Date/Time<br/>(IST)</b> | <b>Position<br/>(Lat. °N/ long. °E)</b> | <b>Maximum sustained surface<br/>wind speed (Kmph)</b> | <b>Category of cyclonic<br/>disturbance</b> |
|----------------------------|-----------------------------------------|--------------------------------------------------------|---------------------------------------------|
| 02.10.25/0530              | 17.7/85.7                               | 55-65 gusting to 75                                    | Deep Depression                             |
| 02.10.25/1730              | 18.9/85.3                               | 55-65 gusting to 75                                    | Deep Depression                             |
| 03.10.25/0530              | 20.3/84.8                               | 45-55 gusting to 65                                    | Deep Depression                             |
| 03.10.25/1730              | 21.7/84.3                               | 35-45 gusting to 55                                    | Depression                                  |

**Warnings:**

**(i) Rainfall Warning:**

**Andhra Pradesh:** Light to moderate rainfall at most places with heavy to very rainfall at isolated places is likely over coastal Andhra Pradesh on 2<sup>nd</sup> October.

**Odisha:** Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy ( $\geq 20$  cm) rainfall on 2<sup>nd</sup> and isolated heavy to very heavy on 3<sup>rd</sup> October.

**Gangetic West Bengal:** Light to moderate rainfall at most places with heavy to very rainfall at isolated places is very likely on 2<sup>nd</sup> & 3<sup>rd</sup> October. Thereafter rainfall would reduce becoming heavy rainfall at isolated places on 4<sup>th</sup> October.

**Sub-Himalayan West Bengal:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely on 3<sup>rd</sup> and 4<sup>th</sup> October and heavy rainfall at isolated places is likely on 2<sup>nd</sup> October.

**Jharkhand:** Light to moderate rainfall at many places with heavy rainfall at isolated places is likely on 2<sup>nd</sup> October. Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 3<sup>rd</sup> and heavy rainfall at isolated places on 4<sup>th</sup> October.

**Chhattisgarh:** Light to moderate rainfall at many places with heavy to very heavy rainfall at isolated places is likely on 3<sup>rd</sup> October and heavy rainfall at isolated places on 4<sup>th</sup> October.

**Bihar:** Light to moderate rainfall at many places with heavy rainfall at isolated places on 2<sup>nd</sup> October and heavy to very heavy rainfall at isolated places is likely during 3<sup>rd</sup> - 5<sup>th</sup> October.

**East Uttar Pradesh:** Light to moderate rainfall at many places with heavy rainfall at isolated places is likely on 3<sup>rd</sup> and heavy to very heavy rainfall at isolated places on 4<sup>th</sup> & 5<sup>th</sup> October.

**East Madhya Pradesh:** Light to moderate rainfall at many places with heavy rainfall at isolated places is likely on 3<sup>rd</sup> and 4<sup>th</sup> October.

**(ii) Wind warning:**

- ❖ Squally wind speed reaching 55-65 gusting to 75 kmph is likely to prevail over westcentral & adjoining northwest Bay of Bengal and along and off Andhra Pradesh- Odisha- West Bengal coasts till midnight of 02<sup>nd</sup> October. Winds would gradually decrease thereafter becoming 45-55 gusting to 65 kmph till afternoon of 3<sup>rd</sup> October and decrease further thereafter.

**(iii) Sea condition:**

- ❖ Sea condition is very likely to be rough to very rough over westcentral & adjoining northwest Bay of Bengal and along & off Andhra Pradesh-Odisha-West Bengal coasts till afternoon of 3<sup>rd</sup> October.

**(iv) Fishermen warnings:**

Fishermen are advised not to venture into

- ❖ Westcentral & adjoining northwest Bay of Bengal and along & off Andhra Pradesh-Odisha-West Bengal coasts till evening of 3<sup>rd</sup> October.

**(v) Impact Expected and Action Suggested due to heavy rain and strong winds (Odisha, North Andhra Pradesh, West Bengal, Chhattisgarh, Jharkhand and Bihar)**

**Impact expected:**

- ❖ Breaking of tree branches. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to strong winds and heavy rain.
- ❖ Road and rail traffic may be affected due to heavy rain.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Surface transport and helicopter services may get affected.

**Action suggested:**

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Surface transport and helicopter services to be regulated.
- ❖ Drive with caution on wet roads.
- ❖ Onshore and offshore activities to be cautious.

**(B) Depression over northeast Arabian Sea**

The Depression over northeast Arabian Sea moved south-southwestwards with the speed of 10 kmph during last six hours and lay centered at 0530 hours IST of today, the 02<sup>nd</sup> October, 2025 over the same region near latitude 21.0°N and longitude 67.9°E, about 200 km southwest of Dwarka, 270 km south-southwest of Naliya, 200 km west-southwest of Porbandar and 440 km south of Karachi. It is likely to move southwestwards towards northwest Arabian Sea during next 3 days.

**(i) Rainfall warning:**

**Saurashtra & Kutch:** Light to moderate rainfall at many places with heavy rainfall at isolated places is likely over coastal districts on 2<sup>nd</sup> October.

**(ii) Wind warning:**

- ❖ Squally wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail over Northeast Arabian Sea, adjoining areas of northwest Arabian Sea and along & off North Gujarat coast till 3<sup>rd</sup> October and decrease gradually thereafter.
- ❖ Squally wind speed reaching 45-55 gusting to 65 kmph is very likely to prevail over central Arabian Sea till 3<sup>rd</sup> October and over westcentral Arabian Sea during 4<sup>th</sup> -5<sup>th</sup> October.

**(ii) Sea condition:**

- ❖ Sea condition is very likely to be Rough to very rough over Northeast Arabian Sea, adjoining areas of northwest Arabian Sea & adjoining areas of northwest Arabian Sea and along & off North Gujarat coast & Gulf of Kutch till 3<sup>rd</sup> October and gradually improve thereafter.
- ❖ Sea condition is very likely to be rough to very rough over central Arabian Sea till 3<sup>rd</sup> October and over westcentral Arabian Sea during 4<sup>th</sup> -5<sup>th</sup> October.

**(iii) Fishermen warnings:**

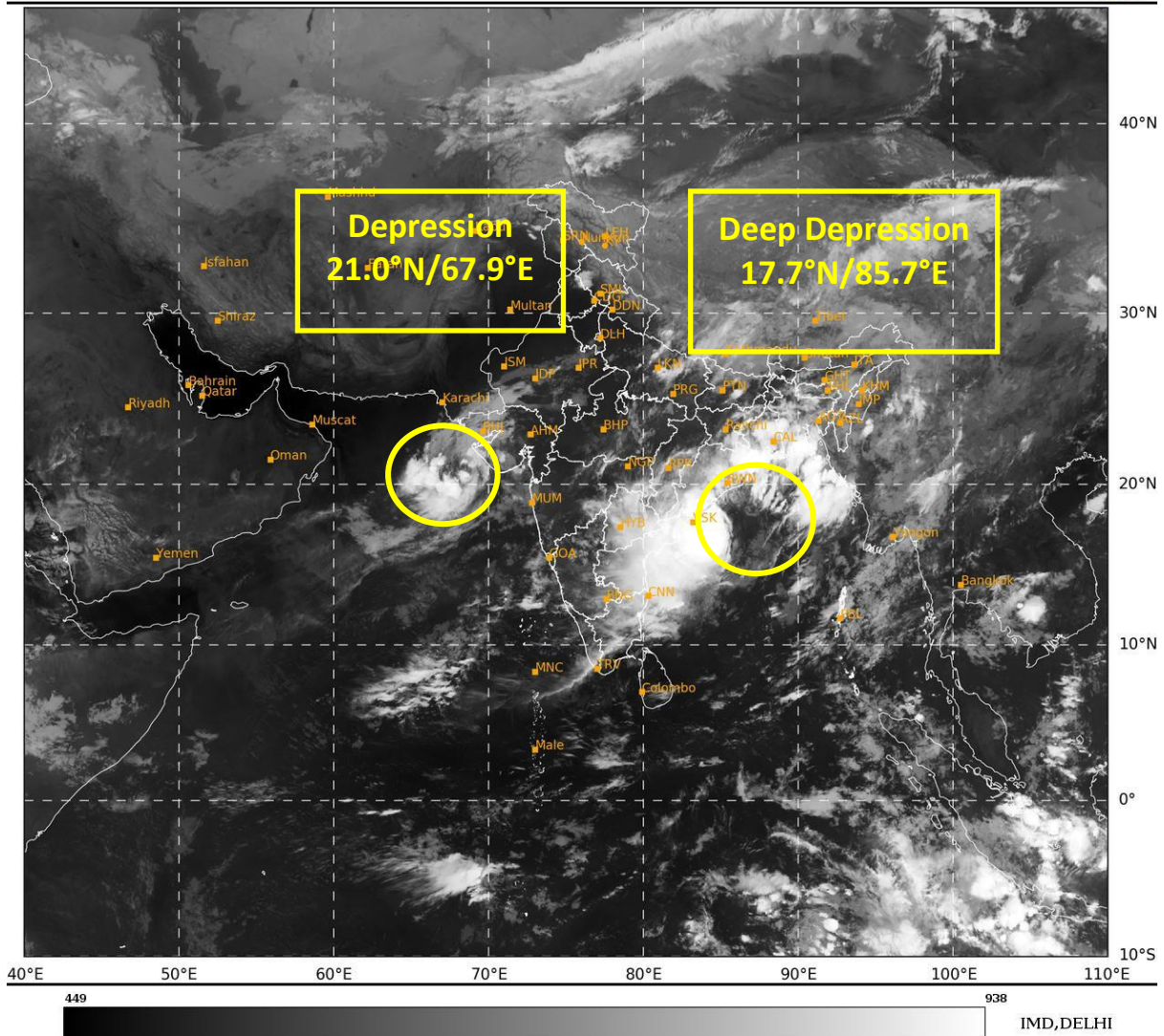
Fishermen are advised not to venture into

- ❖ Northeast Arabian Sea, adjoining areas of northwest Arabian Sea and along & off North Gujarat coast and Gulf of Kutch till 3<sup>rd</sup> October
- ❖ Westcentral Arabian Sea and adjoining areas of Eastcentral Arabian Sea during 2<sup>nd</sup> – 5<sup>th</sup> October.

**Next Message will be issued at 1130 hrs IST of today, the 2<sup>nd</sup> October, 2025.**

**(Dr. PLN Murty)**  
**Scientist-E, RSMC & IMD, New Delhi**

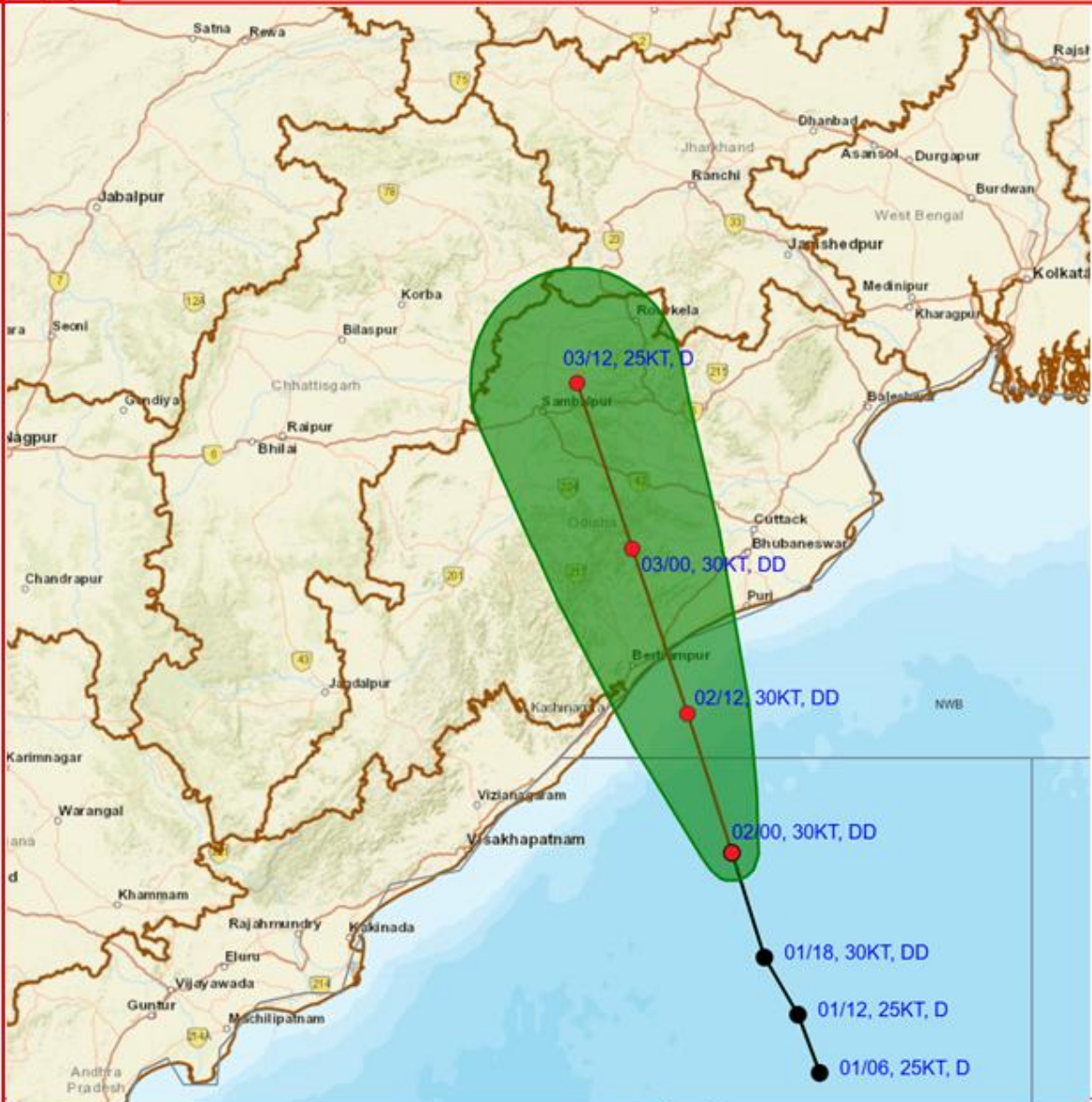
*Copy to: ACWC Kolkata/ACWC Chennai/ACWC Mumbai/CWC Bhubaneswar/CWC Vishakhapatnam/Meteorological Centres- Port Blair/Hyderabad/Bhopal/Ahmedabad/Raipur/Amravati/*







**OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER WESTCENTRAL BAY OF BENGAL BASED ON 0000 UTC (0530 IST) OF 2<sup>ND</sup> OCTOBER, 2025**



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  $\geq 120$  KT

1 KT = 1.85 KMPH



LESS THAN 34 KT



34-47 KT



$\geq 48$  KT



OBSERVED TRACK



FORECAST TRACK



CONE OF UNCERTAINTY



**OBSERVED AND FORECAST TRACK OF DEPRESSION OVER  
NORTHEAST ARABIAN SEA BASED ON 0000 UTC (0530 IST) OF 2<sup>ND</sup>  
OCTOBER, 2025**



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  $\geq 120$  KT

1 KT = 1.85 KMPH

● LESS THAN 34 KT

⬮ 34-47 KT

⬮  $\geq 48$  KT

— OBSERVED TRACK

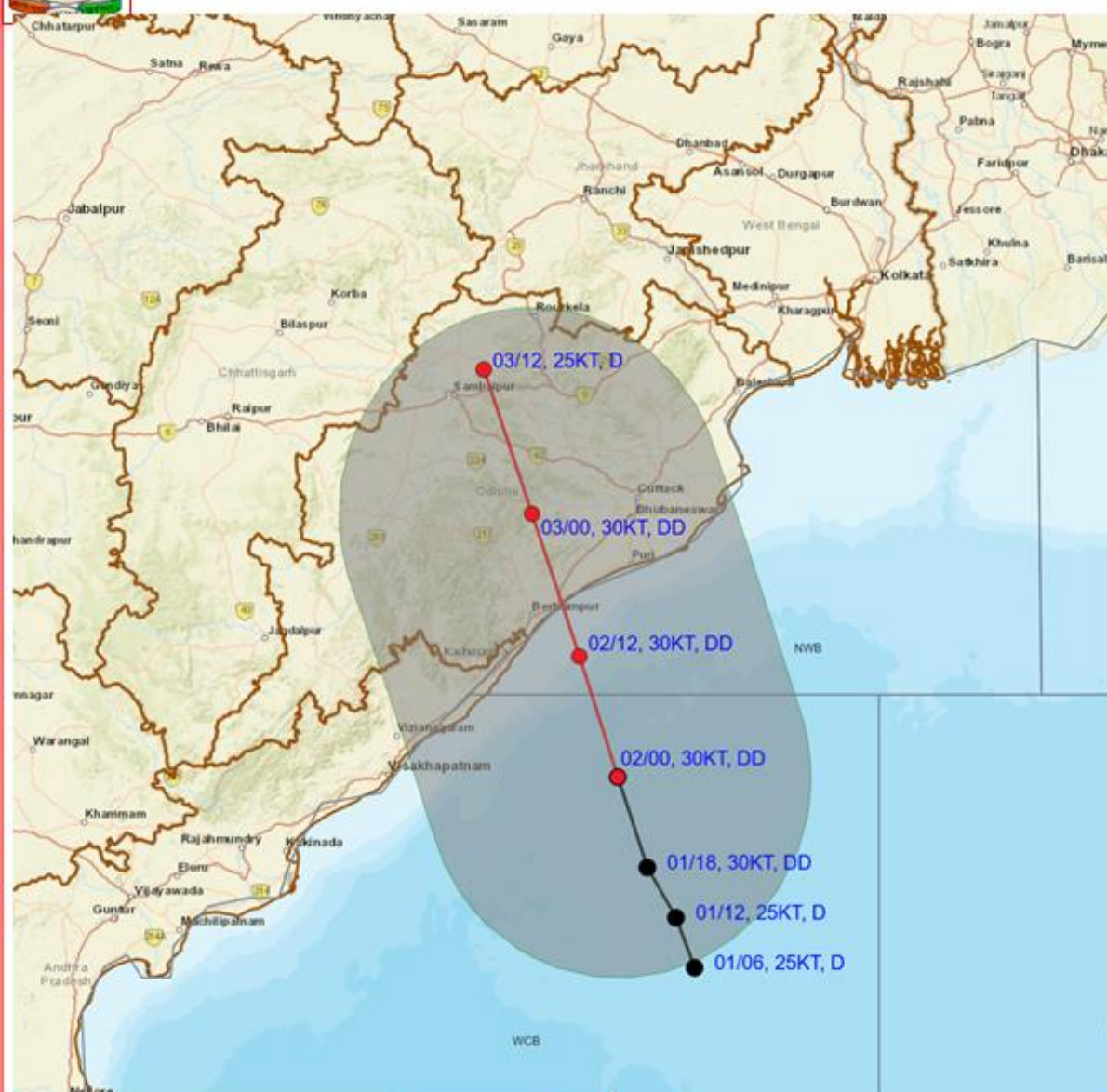
— FORECAST TRACK

▲ CONE OF UNCERTAINTY





# **OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER WESTCENTRAL BAY OF BENGAL BASED ON 0000 UTC (0530 IST) OF 2<sup>ND</sup> OCTOBER, 2025**



DATE/TIME : IN UTC  
 IST : UTC + 0530  
 KT : NAUTICAL MILE/HOUR = 1.85 KM/HOUR  
 LPA : 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)

1KT=1.85 KMPH

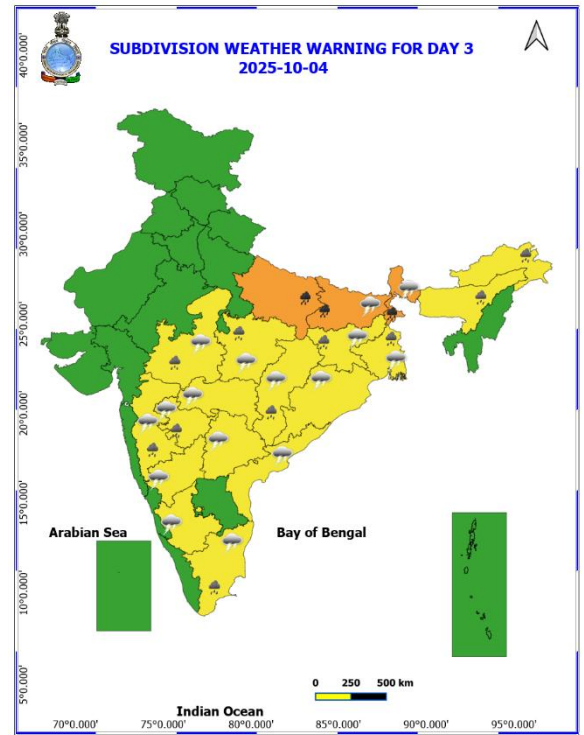
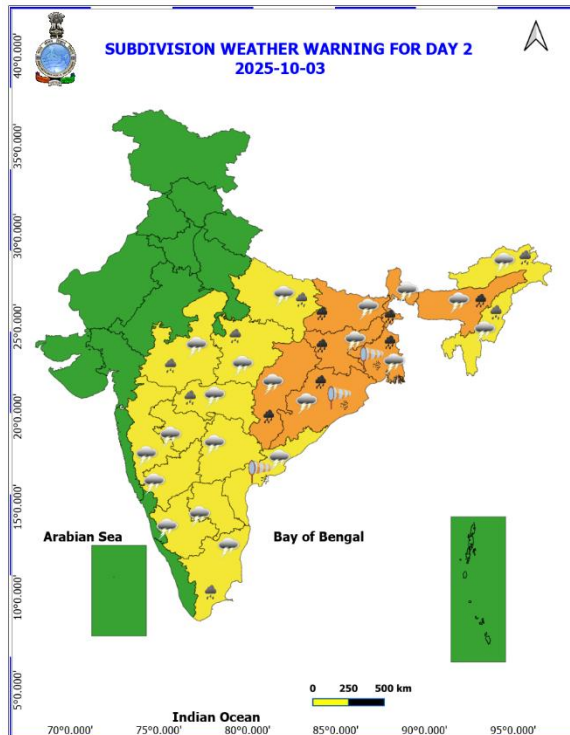
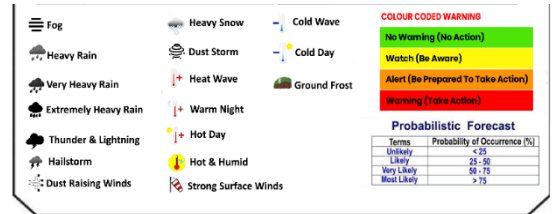
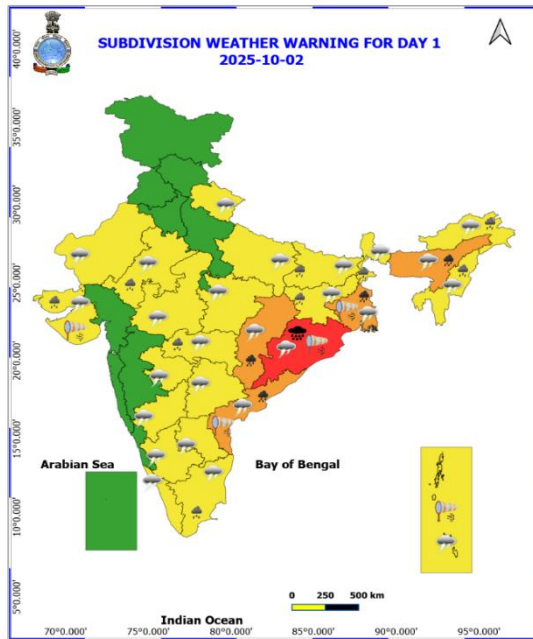
• LESS THAN 34 KT  
 ◐ 34-47 KT  
 ◐ ≥ 48 KT  
 — OBSERVED TRACK  
 — FORECAST TRACK  
 — CONE OF UNCERTAINTY  
 AREA OF MAXIMUM SUSTAINED WIND SPEED:  
 — 28-33 KT (52-61 KMPH)  
 — 34-49 KT (62-91 KMPH)  
 — 50-63 KT (92-117 KMPH)  
 — ≥ 64 KT (≥118 KMPH)

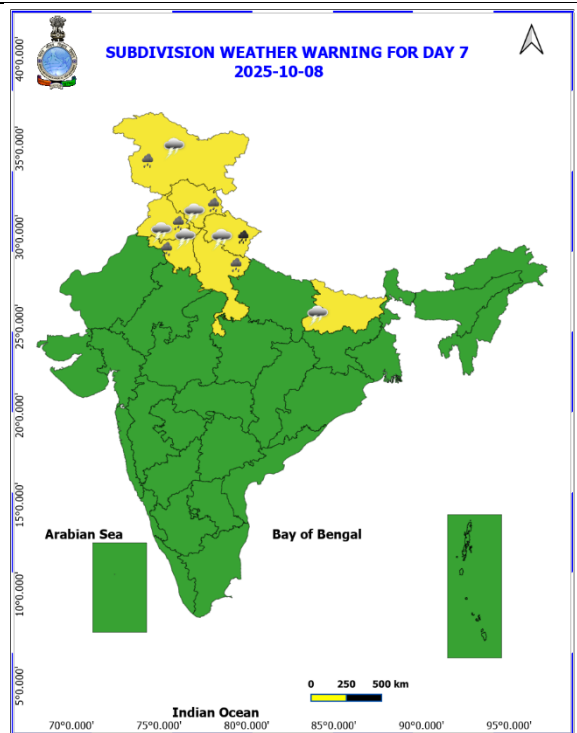
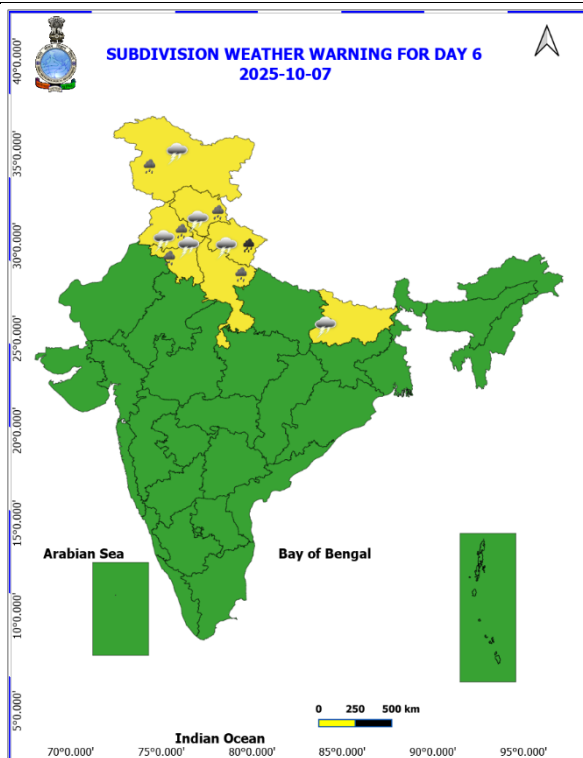
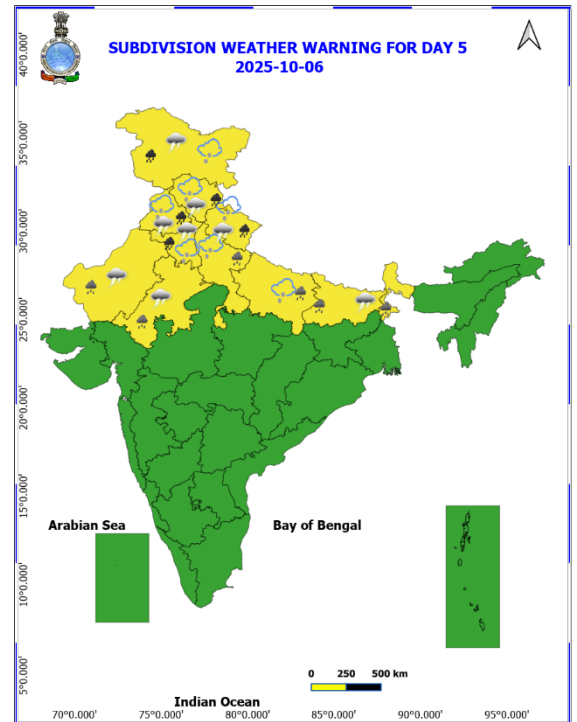
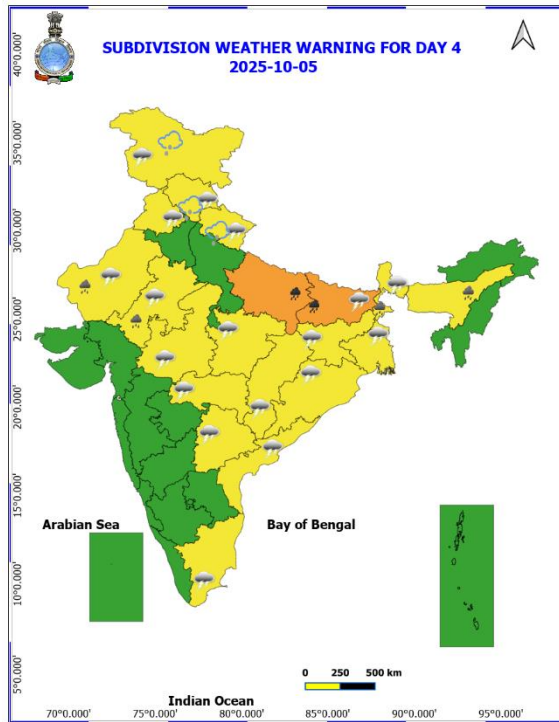
## **IMPACT OVER THE SEA**

| 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

