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(Ministry of Earth Sciences)**

**National Bulletin No. 16 (AS/03/2025)/(BOB/07/2025)**

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**Subject: (A) Depression over eastcentral Arabian Sea**

**(B) Depression over Southeast Bay of Bengal: Pre-cyclone watch for Andhra Pradesh, Yanam and adjoining South Odisha coasts (Yellow Message).**

**(A) Depression over eastcentral Arabian Sea**

The Depression over eastcentral Arabian Sea moved north-northwestwards with a speed of 07 kmph during past 6 hours and lay centered at 0530 hrs IST of today, the 25th October 2025, over the same region, near latitude 16.4°N & longitude 70.4°E, about 380 km west-northwest of Panjim (Goa), 400 km southwest of Mumbai (Maharashtra), 620 km northwest of Mangalore (Karnataka) and 640 km north-northwest of Aminidivi (Lakshadweep).

It is likely to move nearly northwestwards across Eastcentral Arabian Sea during next 24 hours.

**Warnings:**

**(i) Rainfall Warning:**

**Coastal Karnataka:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places during 25<sup>th</sup> to 26<sup>th</sup> and isolated **very heavy rainfall** on 27<sup>th</sup> October.

**Konkan & Goa:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places over Konkan and Goa on 25<sup>th</sup> October.

**Gujarat State:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places over coastal areas of Gujarat State during 25<sup>th</sup> to 27<sup>th</sup> October.

**Kerala:** Light to moderate rainfall at most places with **heavy rainfall** during 25<sup>th</sup> to 28<sup>th</sup> October.

**(ii) Wind warning:**

Squally wind with speed reaching 45-55 gusting to 65 kmph prevailing around the system center and continue to prevail over Eastcentral and adjoining Southeast Arabian Sea till 26<sup>th</sup> October.

Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely to prevail over Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 26<sup>th</sup> October, and wind speed reaching 35-45 kmph gusting to 55 kmph is very likely to prevail over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 25<sup>th</sup> and 26<sup>th</sup> October.

**(iii) Sea condition:**

Sea Condition is likely to be rough to very rough over Eastcentral and adjoining Southeast Arabian Sea till 26<sup>th</sup> October.

Sea Condition is likely to be rough over Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 26<sup>th</sup> October.

Sea Condition is likely to be moderate to rough over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 25<sup>th</sup> and 26<sup>th</sup> October.

**(iv) Fishermen warnings:**

Fishermen are advised not to venture into Eastcentral and adjoining Southeast Arabian Sea a, Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 26<sup>th</sup> October, and northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 25<sup>th</sup> and 26<sup>th</sup> October.

**(v) Impact Expected and Action Suggested due to heavy rain and strong winds (Kerala, coastal Karnataka, Konkan & Goa and Gujarat state)**

**Impact expected:**

- ❖ Breaking of tree branches. Strong wind and heavy 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 flash floods, landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Surface & Helicopter services may be regulated.
- ❖ Small ships & country boats would be affected due to strong wind and heavy rain.

**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.

**(B) Depression over Southeast Bay of Bengal**

The Well marked low-Pressure area over southeast Bay of Bengal moved nearly westwards, concentrated into a Depression and lay centred at 0530 hrs IST of today, the 25th October 2025, over the same region, near latitude 10.8°N & longitude 89.0°E, about 420 km west-southwest of Port Blair (Andaman & Nicobar Islands), 990 km southeast of Visakhapatnam (Andhra Pradesh), 990 km east-southeast of Chennai (Tamil Nadu), 1000 km southeast of Kakinada (Andhra Pradesh) and 1040 km south-southeast of Gopalpur (Odisha).

It is likely to move nearly west-northwestwards, intensify into a deep depression by 26th and into a cyclonic storm over southwest & adjoining westcentral Bay of Bengal by 27th morning. Thereafter it is likely to move northwestwards towards Andhra Pradesh coast during subsequent 48 hrs.

Forecast track and intensity are given in the following table:

| Date/ Time (IST) | Position (Lat. °N/ long. °E) | Maximum sustained surface wind speed (Kmph) | Category of cyclonic disturbance |
|------------------|------------------------------|---------------------------------------------|----------------------------------|
| 25.10.25/0530    | 10.8/89.0                    | 40-50 gusting to 60                         | Depression                       |
| 25.10.25/1130    | 10.8/88.6                    | 40-50 gusting to 60                         | Depression                       |
| 25.10.25/1730    | 10.8/88.1                    | 45-55 gusting to 65                         | Depression                       |
| 25.10.25/2330    | 10.9/87.6                    | 50-60 gusting to 70                         | Deep Depression                  |
| 26.10.25/0530    | 11.2/86.9                    | 55-65 gusting to 75                         | Deep Depression                  |
| 26.10.25/1730    | 11.6/86.1                    | 60-70 gusting to 80                         | Cyclonic Storm                   |
| 27.10.25/0530    | 12.3/85.1                    | 70-80 gusting to 90                         | Cyclonic Storm                   |
| 27.10.25/1730    | 13.1/84.4                    | 80-90 gusting to 100                        | Cyclonic Storm                   |
| 28.10.25/0530    | 14.7/83.6                    | 90-100 gusting to 110                       | Severe Cyclonic Storm            |

**Warning:****(i) Rainfall Warning:**

**Andaman & Nicobar Islands:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places on 25<sup>th</sup> October.

**Tamil Nadu, Puducherry & Karaikal:** Light to moderate rainfall at most places with **heavy rainfall** at isolated over interior Tamil Nadu is very likely during 25<sup>th</sup> to 26<sup>th</sup> & on 28<sup>th</sup> October and **heavy to very heavy rainfall** at isolated places on 27<sup>th</sup> October.

**Andhra Pradesh:** Light to moderate rainfall at many places with **heavy rainfall** at isolated over interior Andhra Pradesh is very likely during 25<sup>th</sup>-29<sup>th</sup> with **very heavy to extremely heavy rainfall** at isolated places over coastal Andhra Pradesh and Rayalaseema during 26<sup>th</sup> to 28<sup>th</sup> and isolated **heavy rainfall** during 29<sup>th</sup> October.

**Telangana:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 27<sup>th</sup> & 28<sup>th</sup> October.

**Odisha:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 26<sup>th</sup> October, and isolated **heavy to very heavy rainfall** during 27<sup>th</sup> to 29<sup>th</sup> October.

**West Bengal:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely during 28<sup>th</sup> to 30<sup>th</sup> October.

**(ii) Wind warning:**

- ❖ Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing over southeast Bay of Bengal and adjoining areas of Eastcentral Bay of Bengal. It is likely to increase becoming 45-55 kmph gusting to 65 kmph over central parts of Bay of Bengal from evening of 25<sup>th</sup>.
- ❖ Winds will further increase and becoming Gale wind speed reaching 60-70 kmph gusting to 80 kmph over southwest and adjoining areas of southeast & West central Bay of Bengal from 26<sup>th</sup> October evening.
- ❖ Thereafter winds would further increase becoming 80-90 kmph gusting to 100 kmph over westcentral and adjoining northwest Bay of Bengal from 27<sup>th</sup> October evening and would further increase 90 to 100 kmph from 28<sup>th</sup> October morning.
- ❖ Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off Tamil Nadu - Puducherry coast during from 25<sup>th</sup> to 28<sup>th</sup> October,
- ❖ Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off Andhra Pradesh coast from 25<sup>th</sup> October. It is likely to increase becoming 45-55 kmph gusting to 65 kmph from 27<sup>th</sup> morning and gale wind speed reaching 60-70 kmph gusting to 80 kmph from 28<sup>th</sup> morning, and becoming 90-100 kmph gusting to 110 kmph from 28<sup>th</sup> evening to early hours of 29<sup>th</sup> October and decrease gradually thereafter.
- ❖ Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off south Odisha coast from 26<sup>th</sup> evening. It is likely to increase becoming 45-55 kmph gusting to 65 kmph from 27<sup>th</sup> evening and becoming gale wind speed reaching, 60-70 kmph gusting to 80 kmph from 28<sup>th</sup> evening to early hours of 29<sup>th</sup> October early hours along and off south Odisha coast and decrease gradually thereafter. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail from 28<sup>th</sup> evening to early hours of 29<sup>th</sup> October along and off north Odisha coast and decrease gradually thereafter.

**(iii) Sea conditions:**

- ❖ Rough to very rough sea conditions is very likely over southeast Bay of Bengal and adjoining areas of Eastcentral Bay of Bengal, becoming very rough over central parts of Bay of Bengal from evening of 25<sup>th</sup>.
- ❖ Sea conditions is very likely to be very rough to high over southwest and adjoining areas of southeast & West central Bay of Bengal from 26<sup>th</sup> October evening.

- ❖ Sea conditions is very likely to be high to very high over westcentral and adjoining northwest Bay of Bengal from 27<sup>th</sup> October evening, becoming very high from 28<sup>th</sup> October morning.
- ❖ Sea conditions is very likely to be rough to very rough along & off Tamil Nadu - Puducherry coast during from 25<sup>th</sup> to 28<sup>th</sup> October,
- ❖ Sea conditions is very likely to be rough to very rough along & off Andhra Pradesh coast during 25<sup>th</sup> -27<sup>th</sup> October morning. It would further worsen becoming very rough to high from 28<sup>th</sup> morning onwards and very high from 28<sup>th</sup> evening to 29<sup>th</sup> October afternoon. The sea conditions would gradually improve thereafter.
- ❖ Sea conditions is very likely to be rough to very rough along & off Odisha coast from 26<sup>th</sup> evening to 27<sup>th</sup> evening. It would worsen further becoming high from 28<sup>th</sup> morning to till 29<sup>th</sup> October afternoon and improve gradually thereafter.

**(iv) Fishermen Warning:**

Fishermen are advised not to venture into Southwest, adjoining central Bay of Bengal, along & off Tamil Nadu - Andhra Pradesh coasts till 29<sup>th</sup> October and along & off Odisha coast from 26<sup>th</sup> October to 29<sup>th</sup> October. Those out at sea area should return to the coast immediately.

**Impact Expected and Action Suggested due to heavy rain and strong winds (Andhra Pradesh and South Odisha coasts)**

**Impact expected:**

- ❖ Damage to thatched huts. Possibilities of damage to vulnerable structure.
- ❖ Breaking of tree branches and uprooting of small & medium sized trees.
- ❖ Damage to power and communication lines due to breaking of branches and uprooting of trees.
- ❖ Minor damage to Kutcha roads.
- ❖ Damage to paddy crops, horticultural and standing crops and orchards due to inundation & winds.
- ❖ Inundation of low-lying areas in coastal districts due to heavy rainfall and flash flood
- ❖ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic due to water logging and squally winds
- ❖ Localized Landslides/Mudslides It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

**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.

**Next Message will be issued at 1330 hrs IST of today, the 25<sup>th</sup> October, 2025.**

**(Umasankar Das)**

**Scientist-D, IMD, New Delhi**

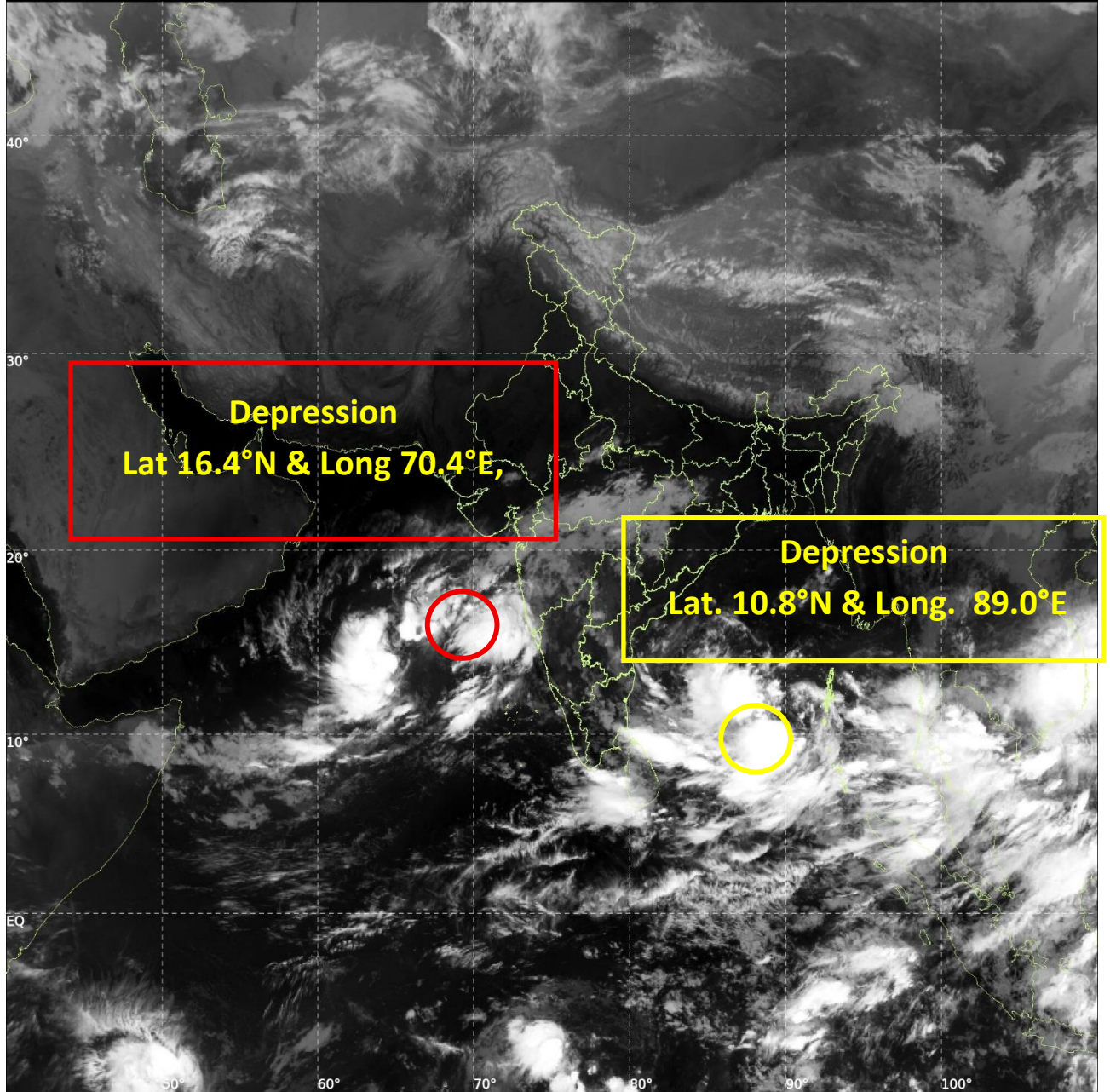
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INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83  $\mu\text{m}$   
GMT:25-10-2025/(0300-0327) IST:25-10-2025/(0830-0857)  
L1C MERCATOR (LINEAR STRETCH: 1%)

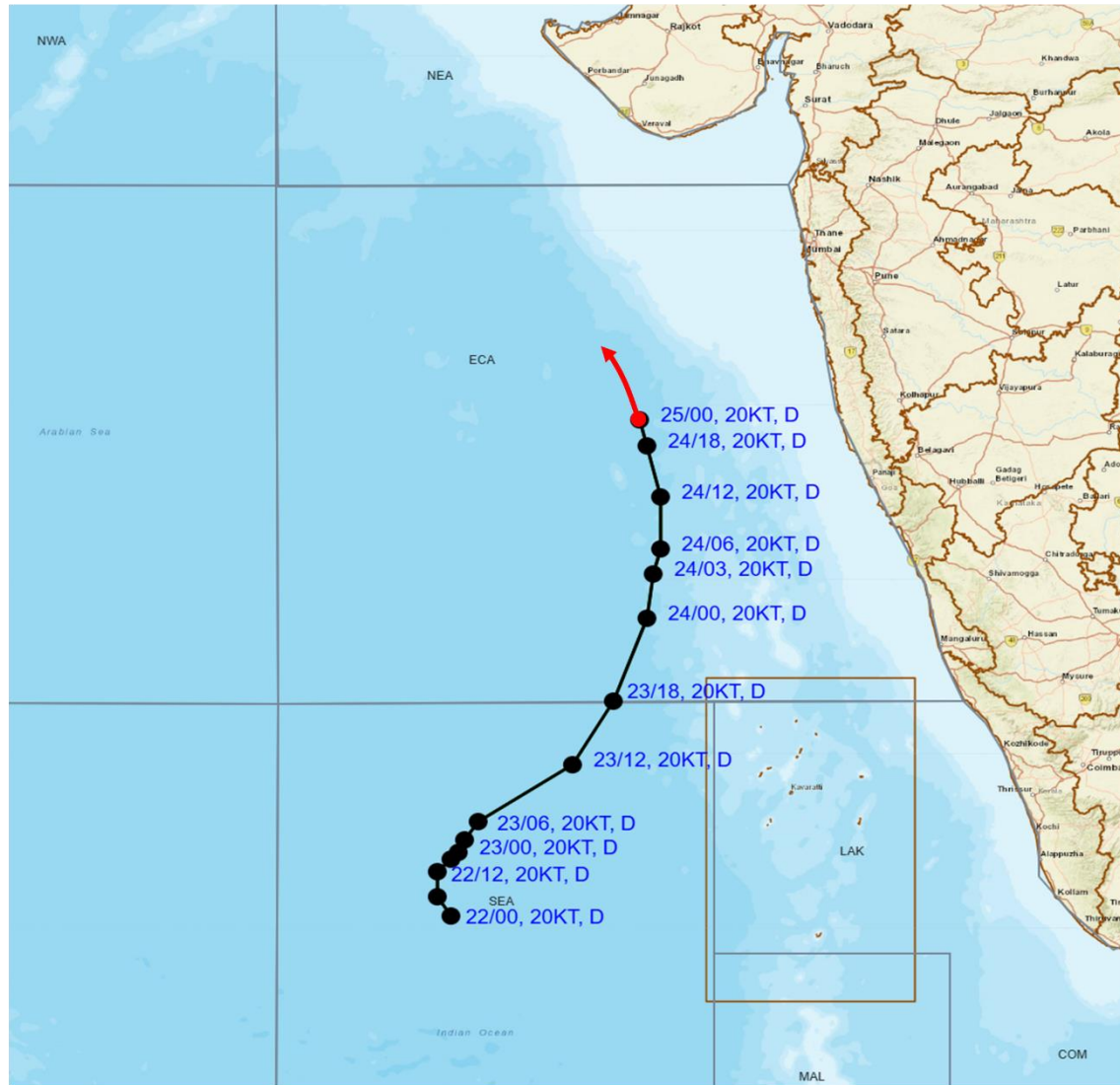
491

923





# **OBSERVED AND FORECAST TRACK OF THE DEPRESSION OVER EASTCENTRAL ARABIAN SEA BASED ON 0000 UTC (0530 IST) OF 25<sup>TH</sup> OCTOBER, 2025.**

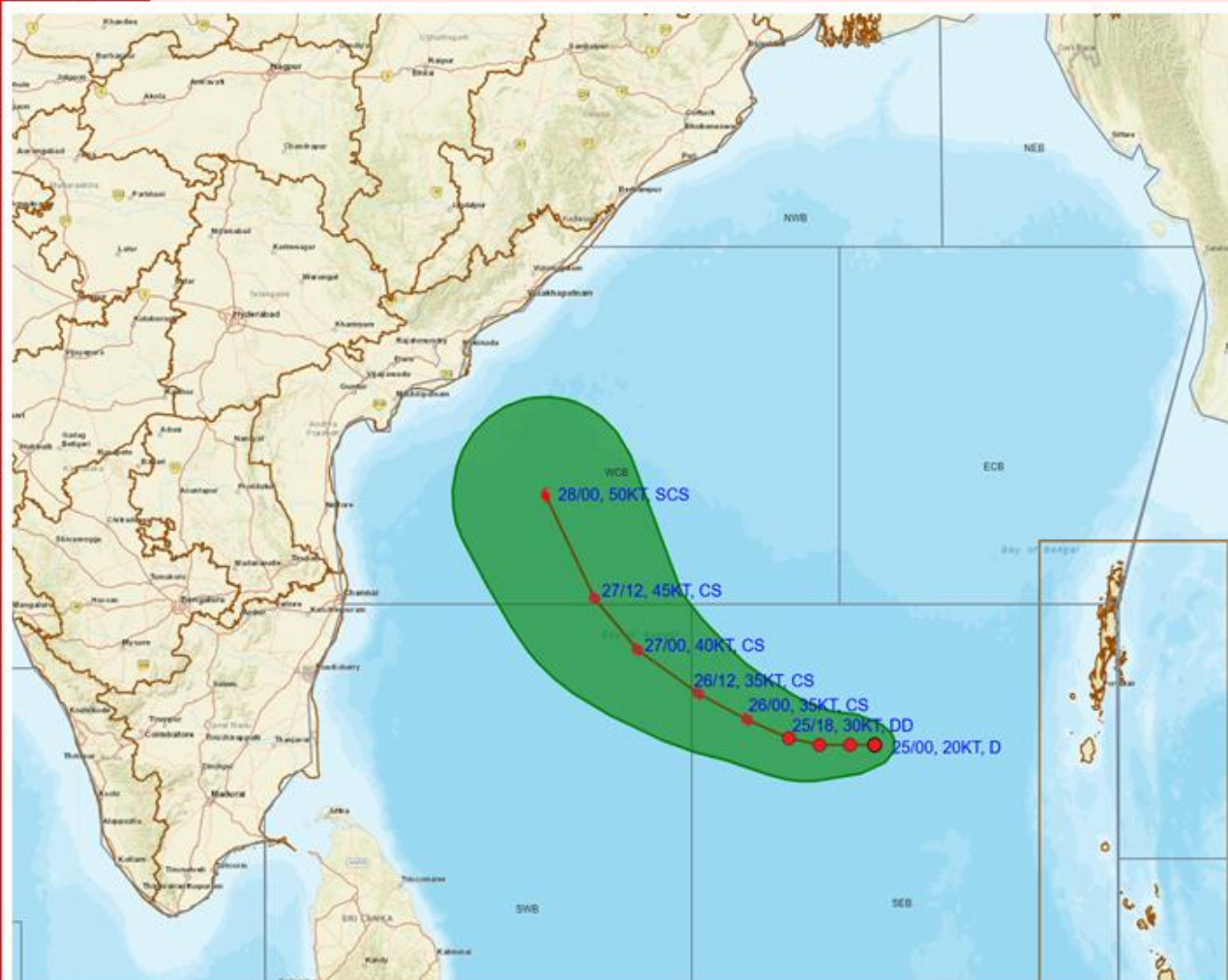


DATE/TIME IN UTC  
 IST=UTC + 0530  
 L: LOW PRESSURE AREA  
 WML: WELL MARKED LOW PRESSURE AREA  
 D: DEPRESSION (17-27 KT)  
 DD: DEEP DEPRESSION (28-33 KT)  
 CS: CYCLONIC STORM (34-47 KT)  
 SCS: SEVERE CYCLONIC STORM (48-63KT)  
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
 ESCS: EXTREMELY SEVERE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

● LESS THAN 34 KT  
 ⚡ 34-47 KT  
 ⚡ ≥ 48 KT  
 — OBSERVED TRACK  
 — FORECAST TRACK  
 ▲ CONE OF UNCERTAINTY



**OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEPRESSION OVER SOUTHEAST BAY OF BENGAL BASED ON 0000 UTC (0530 Hrs. IST) OF 25TH 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 (48-63KT)**

**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

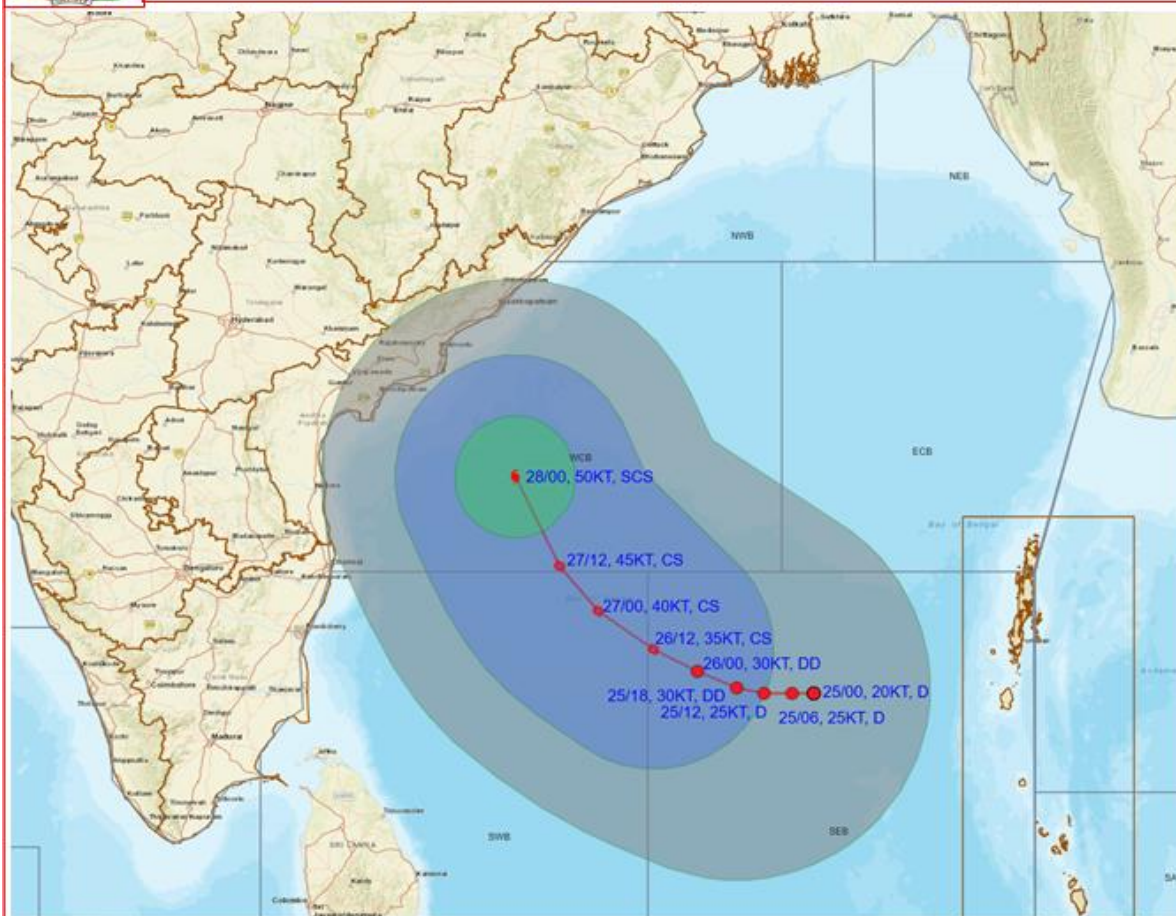
OBSERVED TRACK

FORECAST TRACK

CONE OF UNCERTAINTY



# **OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEPRESSION OVER SOUTHEAST BAY OF BENGAL BASED ON 0000 UTC (0530 Hrs. IST) OF 25TH 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 (≥ 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)

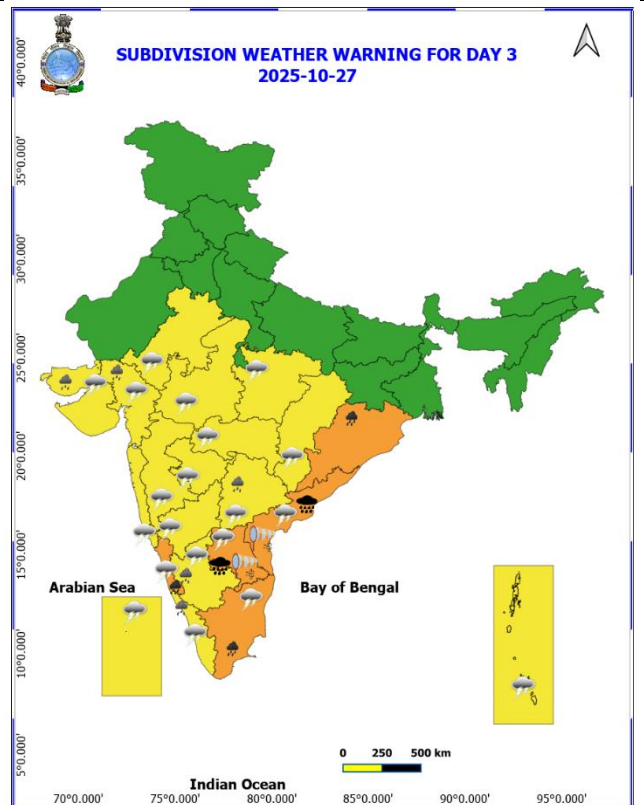
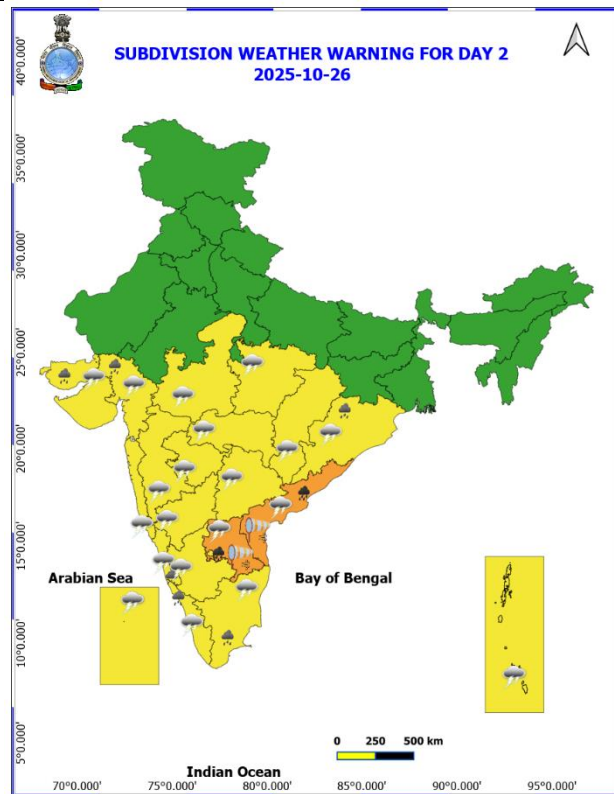
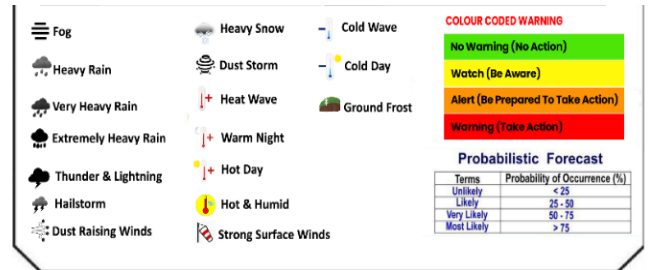
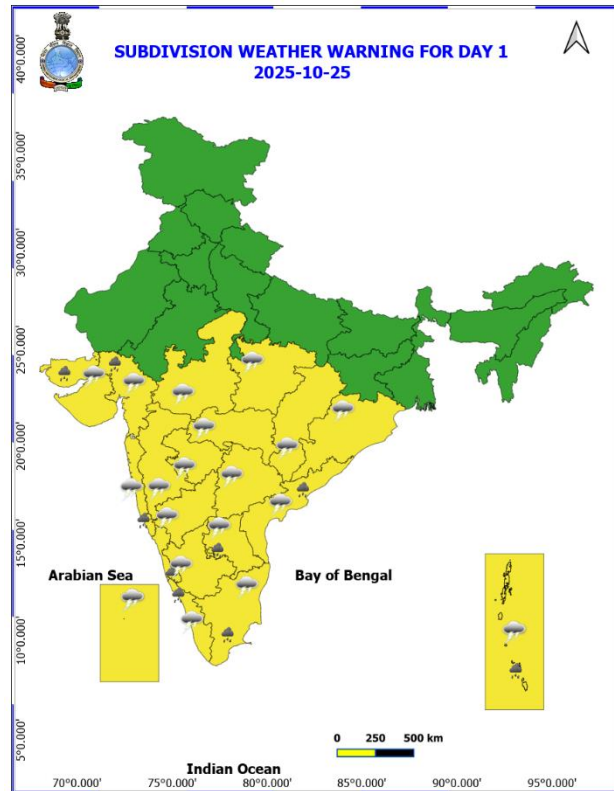
50-63 KT (92-117 KMPH)

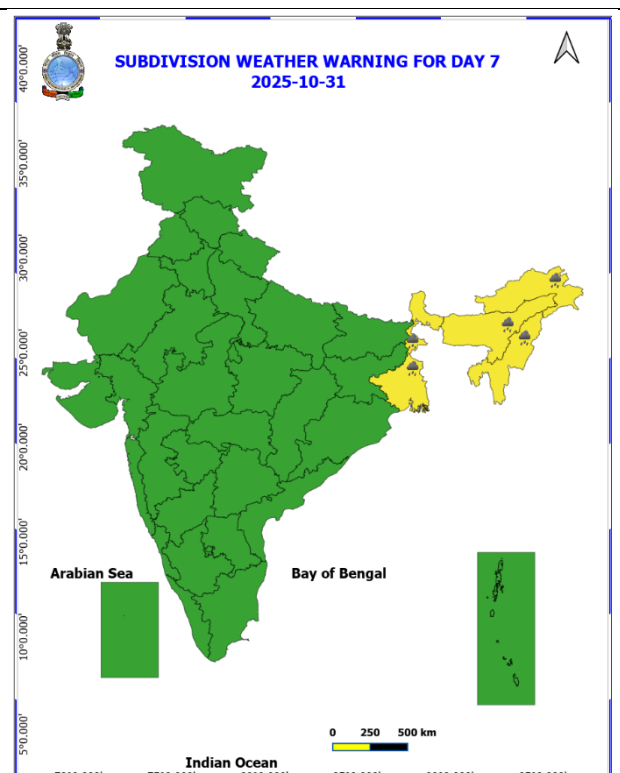
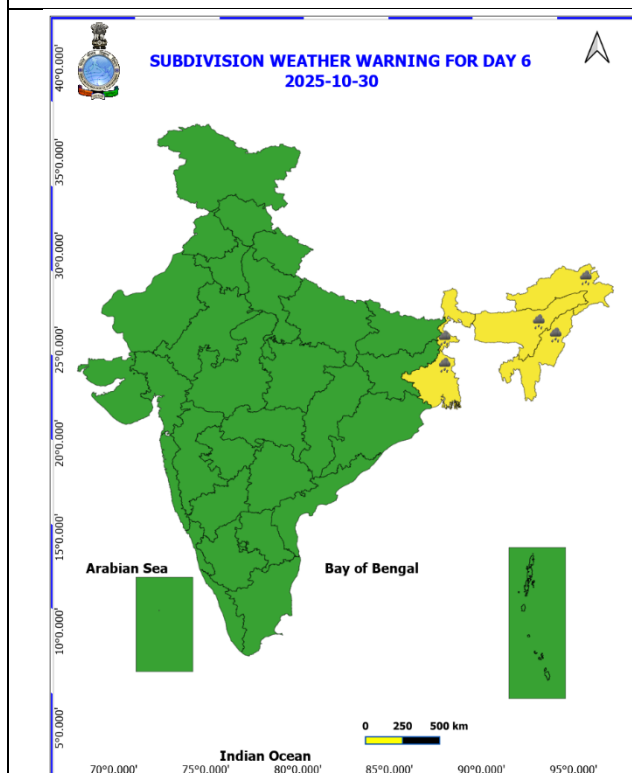
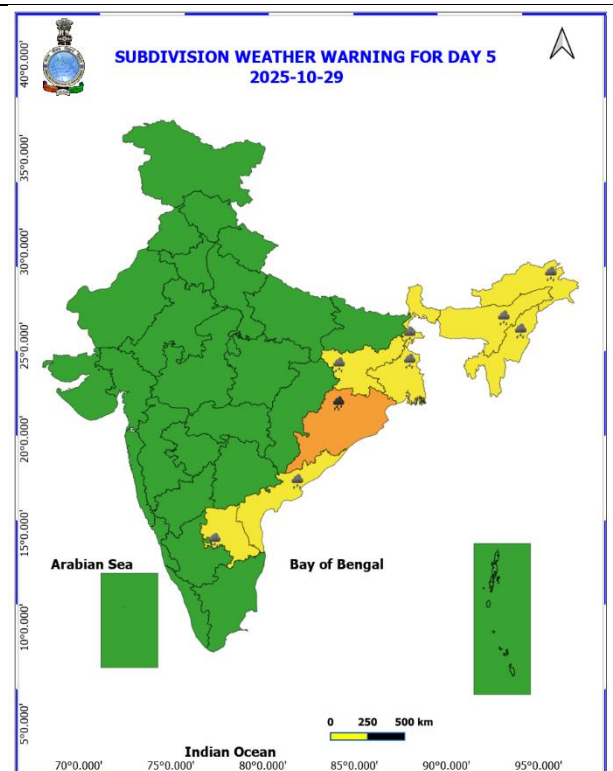
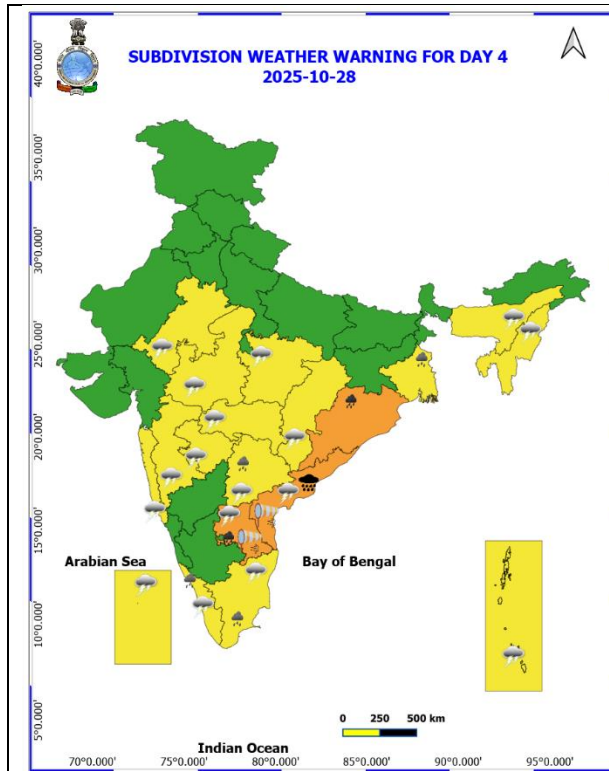
≥ 64 KT (≥ 118 KMPH)

## **IMPACT OVER THE SEA**

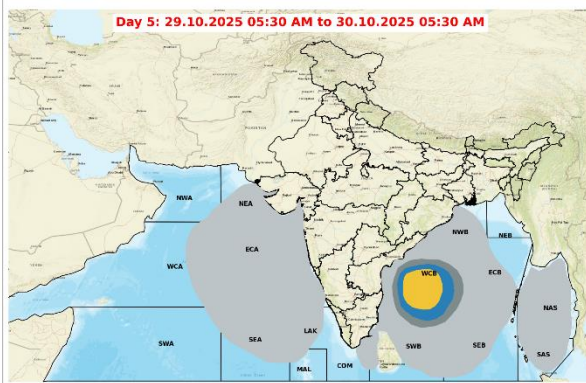
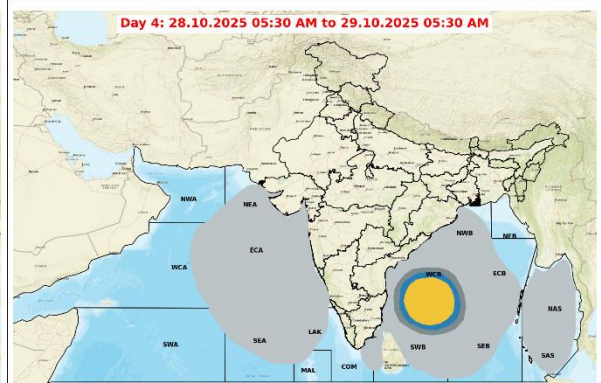
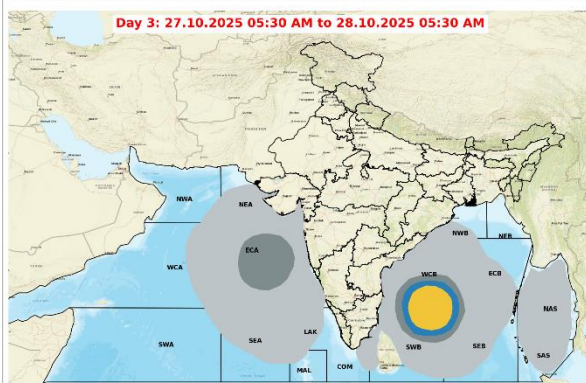
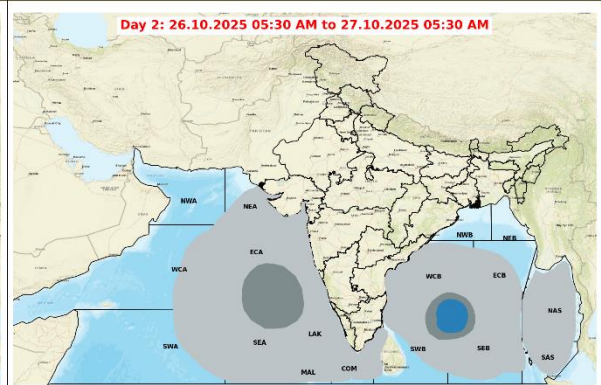
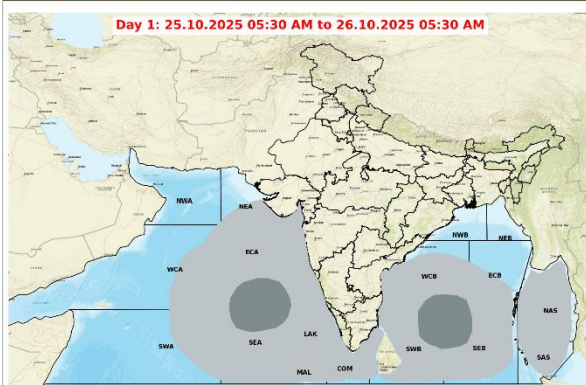
| MSW (knot/kmph) | Impact                 | Action                                 |
|-----------------|------------------------|----------------------------------------|
| 28-33 (52-61)   | Very rough seas        | Total suspension of fishing operations |
| 34-49 (62-91)   | High to very high seas | 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



### Legend

- |                                                               |                                                             |
|---------------------------------------------------------------|-------------------------------------------------------------|
| Squally Weather with wind speed 35-45 kmph gusting to 55 kmph | Squally wind with speed 55-65 kmph gusting to 75 kmph       |
| Squally Weather with wind speed 40-50 kmph gusting to 60 kmph | CS with Gale winds with speed 60-80 kmph gusting to 90 kmph |
| Squally Weather with wind speed 45-55 kmph gusting to 65 kmph | SCS with Gale wind speed 90-110 kmph gusting to 120 kmph    |
| Squally wind with speed 45-55 kmph gusting to 65 kmph         | VSCS with Gale wind speed 120-165 kmph gusting to 185 kmph  |
| Squally wind with speed 50-60 kmph gusting to 70 kmph         | ESCS with Gale wind speed 165-220 kmph gusting to 245 kmph  |

Fishermen are advised not to venture into the marked areas.