



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

National Bulletin No. 2 (ARB/02/2025 and BoB/07/2025)

TIME OF ISSUE: 2110 HOURS IST

DATED: 01.10.2025

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

(A) Depression over Westcentral Bay of Bengal

The depression over westcentral Bay of Bengal moved north-northwestwards with a speed of 10 kmph and lay centered at 1730 hrs IST of today, the 01st October 2025 over westcentral Bay of Bengal near latitude 16.3°N and longitude 86.3°E, about 360 km east-southeast of Visakhapatnam (Andhra Pradesh), 360 km south-southeast of Gopalpur (Odisha), 390 km south of Puri (Odisha) and 450 km south of Paradip (Odisha).

It is very likely to continue to move north-northwestwards, intensify further into a deep depression around midnight of today, the 1st October and cross Odisha and adjoining Andhra Pradesh coasts between Gopalpur and Paradip during midnight of 2nd October to early hours of 3rd October.

Forecast location and intensity are given in following table:

Date/Time (IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
01.10.25/1730	16.3/86.3	45-55 gusting to 65	Depression
02.10.25/0530	17.6/85.9	55-65 gusting to 75	Deep Depression
02.10.25/1730	18.9/85.4	55-65 gusting to 75	Deep Depression
03.10.25/0530	20.2/84.9	50-60 gusting to 70	Deep Depression
03.10.25/1730	21.5/84.0	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 1st and 2nd October.

Odisha: Light to moderate rainfall at many places with heavy rainfall at isolated is likely on 1st October. It would thereafter increase becoming light to moderate rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy (≥ 20 cm) rainfall on 2nd and isolated heavy to very heavy on 3rd October.

Gangetic West Bengal: Light to moderate rainfall at most places with heavy rainfall at isolated places on 1st October and heavy to very rainfall at isolated places is very likely on 2nd & 3rd October. Thereafter rainfall would reduce becoming heavy rainfall at isolated places on 4th 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 1st, 3rd and 4th October and heavy rainfall at isolated places is likely on 2nd October.

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

Chhattisgarh: Light to moderate rainfall at many places with heavy to very heavy rainfall at isolated places is likely on 1st to 3rd October and heavy rainfall at isolated places on 4th October.

Bihar: Light to moderate rainfall at many places with heavy rainfall at isolated places on 1st & 2nd October and heavy to very heavy rainfall at isolated places is likely during 3rd - 5th October.

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

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

(ii) Wind warning:

- ❖ Squally wind speed reaching 45-55 gusting to 65 kmph is very likely to prevail over central & adjoining north Bay of Bengal on 1st October. It would gradually increase becoming 55-65 gusting to 75 kmph over westcentral & adjoining northwest Bay of Bengal from 2nd October morning to 3rd October early morning.

- ❖ Squally wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail along & off Andhra Pradesh-Odisha-West Bengal coasts from 2nd morning. The winds would gradually increase becoming 55-65 gusting to 75 kmph from 2nd October afternoon to 3rd October early morning.

(iii) Sea condition:

- ❖ Sea condition is very likely to be rough to very rough over central & adjoining north Bay of Bengal on 1st October.
- ❖ 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 from 2nd October morning to 3rd October early morning.

(iv) Fishermen warnings:

Fishermen are advised not to venture into

- ❖ Central & adjoining north Bay of Bengal on 1st October.
- ❖ Westcentral & adjoining northwest Bay of Bengal and along & off Andhra Pradesh-Odisha-West Bengal coasts from 2nd morning till 3rd October afternoon.
- ❖ Fisherman out at sea are advised to return to coast immediately.

(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 Well Marked Low Pressure Area over northeast Arabian Sea & adjoining Saurashtra coast moved nearly westwards, concentrated into a depression and lay centered at 1730 hours IST of today, the 01st October, 2025 over northeast Arabian Sea near latitude 22.0°N and longitude 68.3°E, about 90 km west-southwest of Dwarka, 150 km south-southwest of Naliya, 150 km west-northwest of Porbandar and 340 km south-southeast of Karachi.

It is likely to move slowly west-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 1st and 2nd October.

(ii) Wind warning:

- ❖ Squally wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail over Northeast Arabian Sea and along & off North Gujarat coast during 1st to 3rd October and decrease gradually thereafter.
- ❖ Squally wind speed reaching 50-60 gusting to 70 kmph is very likely to prevail over Northeast & adjoining Northwest Arabian Sea during 2nd – 3rd October and over NW and adjoining NE AS during 4th -5th 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 and along & off North Gujarat coast & Gulf of Kutch during 1st to 3rd October and gradually improve thereafter.
- ❖ Sea condition is very likely to be rough to very rough over northwest & adjoining northeast Arabian Sea during 4th- 5th October.

(iii) Fishermen warnings:

Fishermen are advised not to venture into

- ❖ Northeast Arabian Sea and along & off North Gujarat coast and Gulf of Kutch during 1st -3rd October
- ❖ Northwest Arabian Sea during 2nd – 5th October.

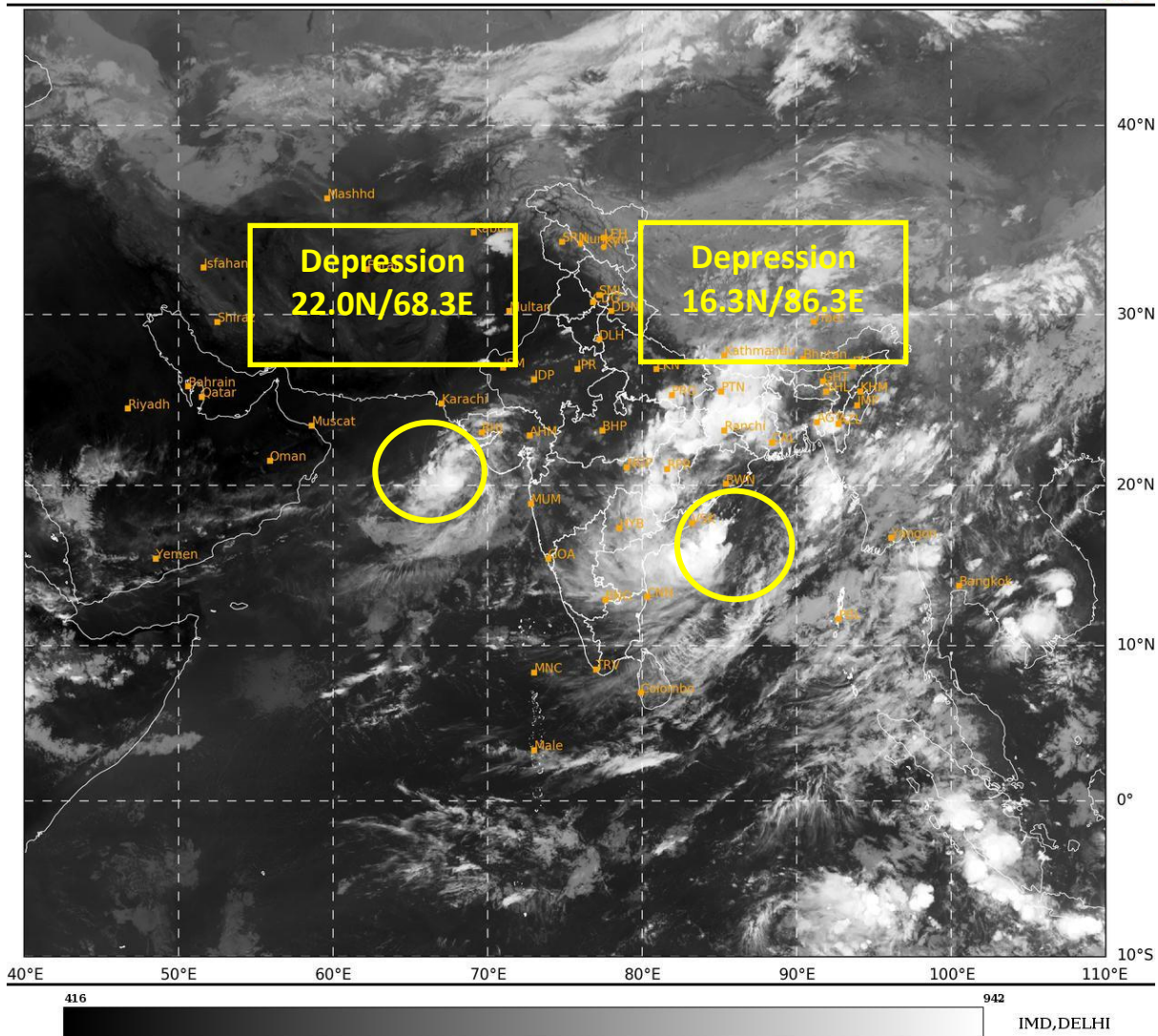
Next Message will be issued at 0230 hrs IST of tomorrow, the 2nd October, 2025.

(M. Sharma)
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/

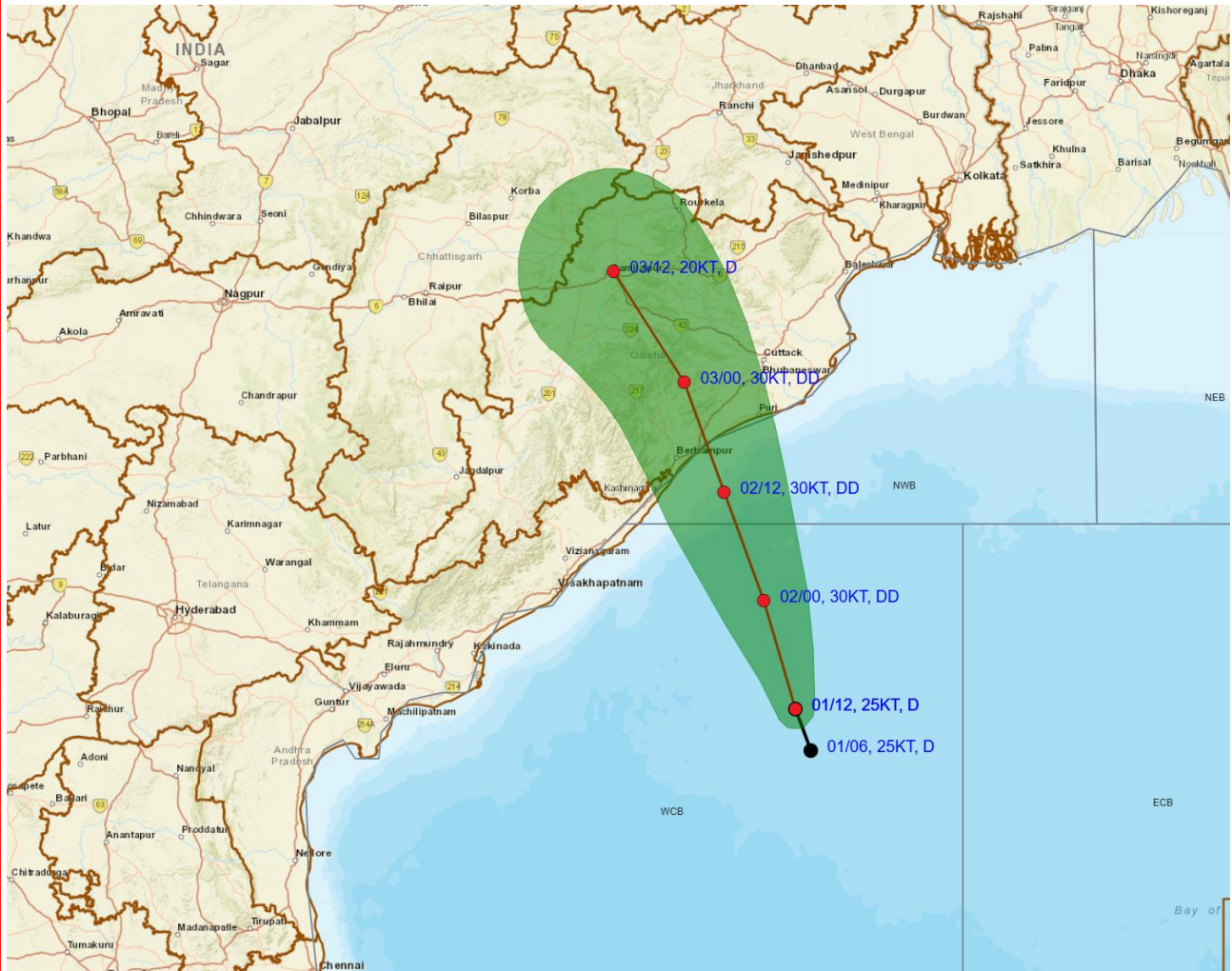
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

01-10-2025/(1415 to 1442) GMT
01-10-2025/(1945 to 2012) IST





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER WESTCENTRAL BAY OF BENGAL BASED ON 1200 UTC (1730 IST) OF 1ST 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

1 KT = 1.85 KMPH



LESS THAN 34 KT



34-47 KT



≥ 48 KT



OBSERVED TRACK



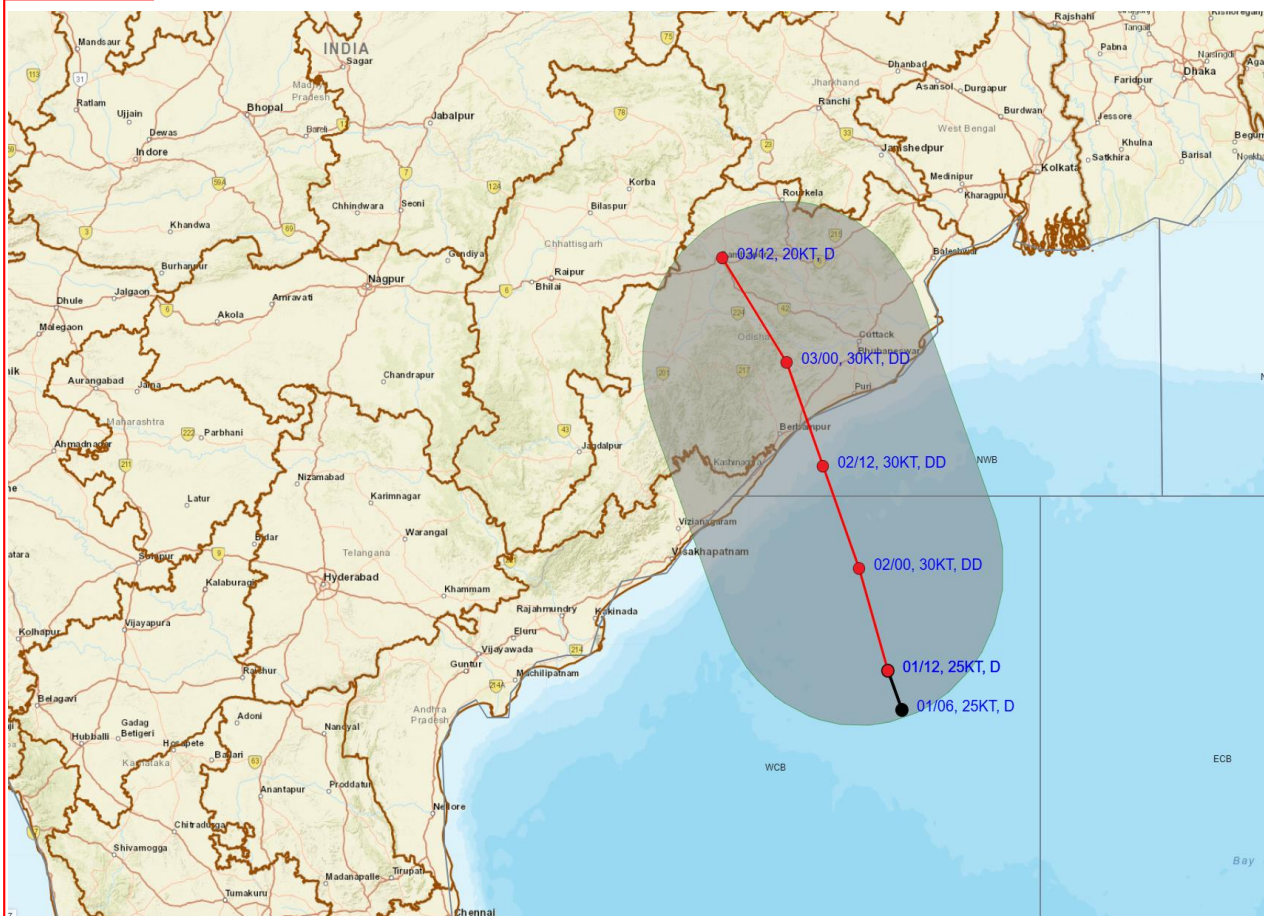
FORECAST TRACK



CONE OF UNCERTAINTY



**OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION
OF DEPRESSION OVER WESTCENTRAL BAY OF BENGAL BASED ON 1200 UTC (1730
IST) OF 1ST OCTOBER, 2025**



DATE/TIME : IN UTC
IST : UTC + 0530
KT : NAUTICAL MILE S/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

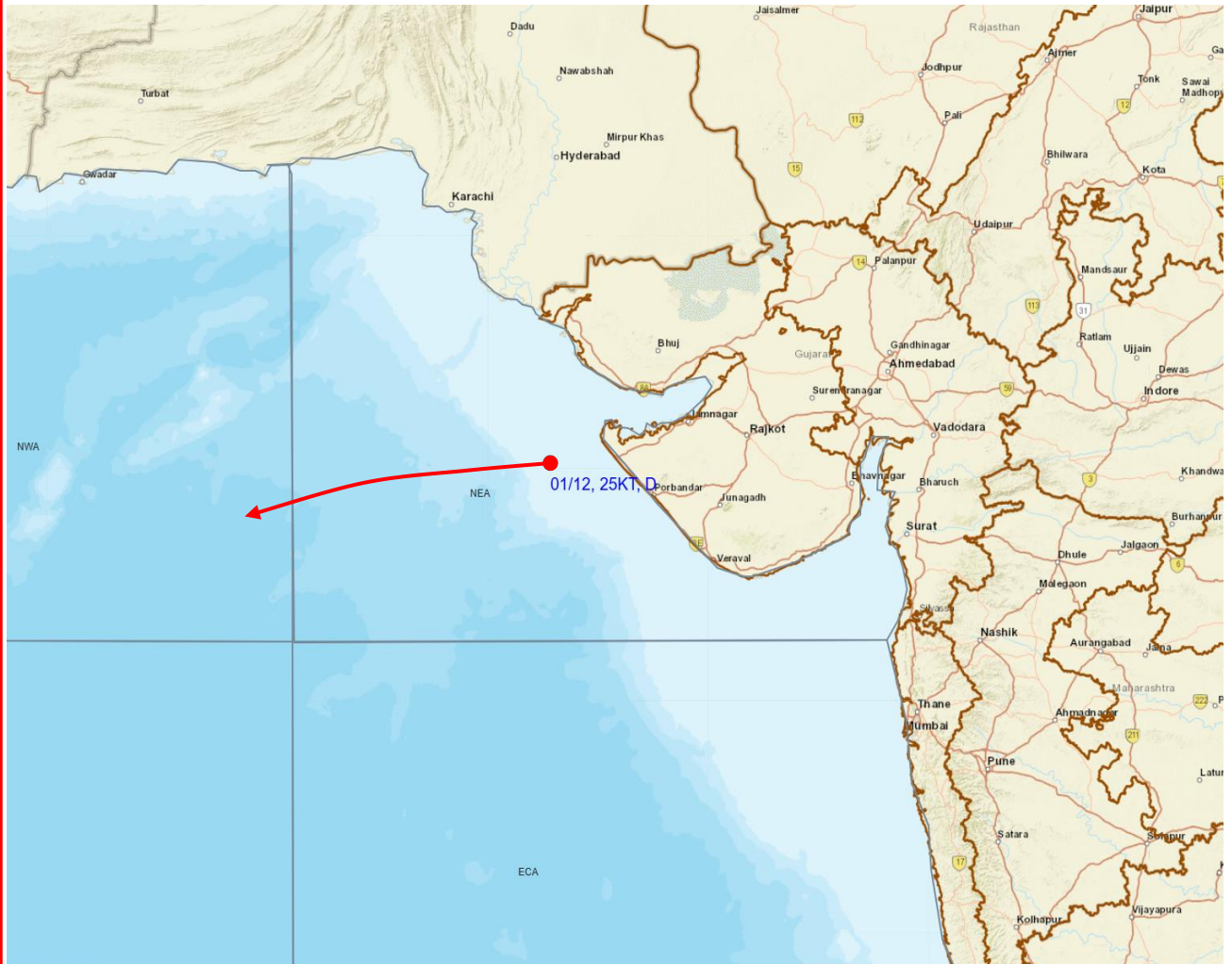
● LESS THAN 34 KT
● 34.47 KT
● ≥ 48 KT
● OBSERVED TRACK
● FORECAST TRACK
● CONE OF UNCERTAINTY
AREA OF MAXIMUM SUSTAINED WIND SPEED:
■ 28-33 KT (52-61 KMPH)
■ 34-49 KT (62-91 KMPH)
■ 50-63 KT (92-117 KMPH)
■ ≥ 64 KT (≥118 KMPH)

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



OBSERVED AND FORECAST TRACK OF DEPRESSION OVER NORTHEAST ARABIAN SEA BASED ON 1200 UTC (1730 IST) OF 1ST 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

1 KT = 1.85 KMPH



LESS THAN 34 KT



34-47 KT



≥ 48 KT



OBSERVED TRACK

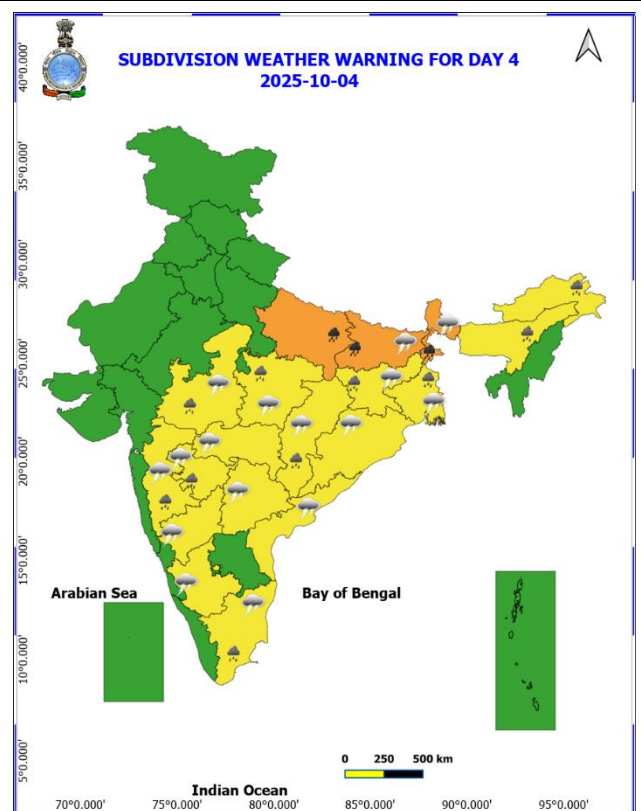
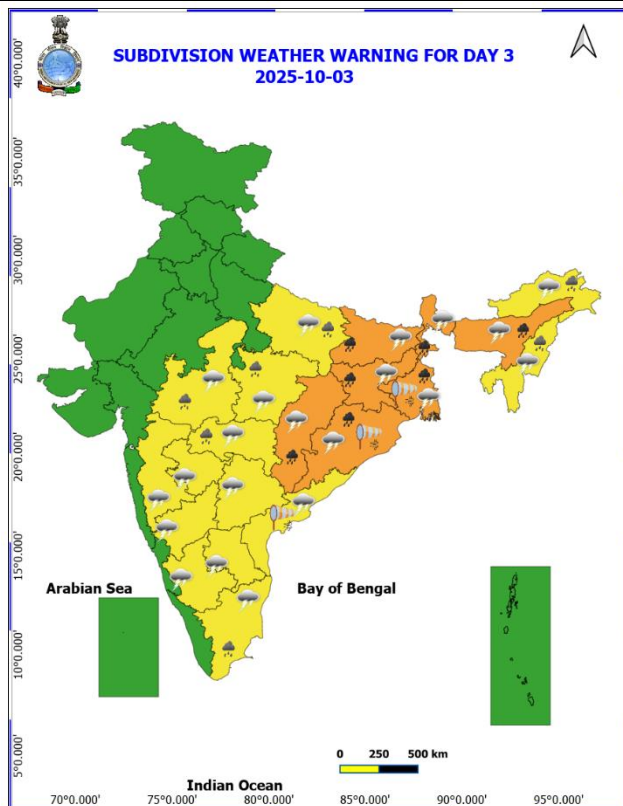
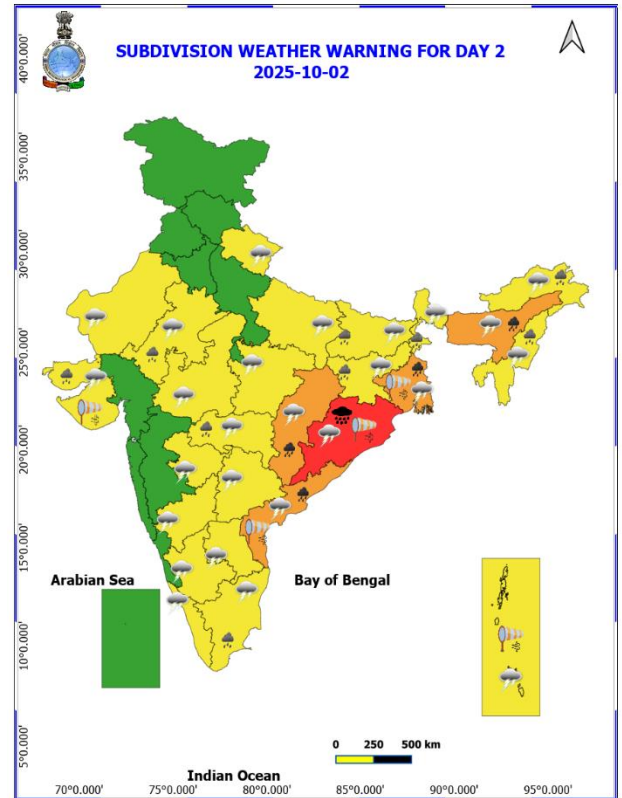
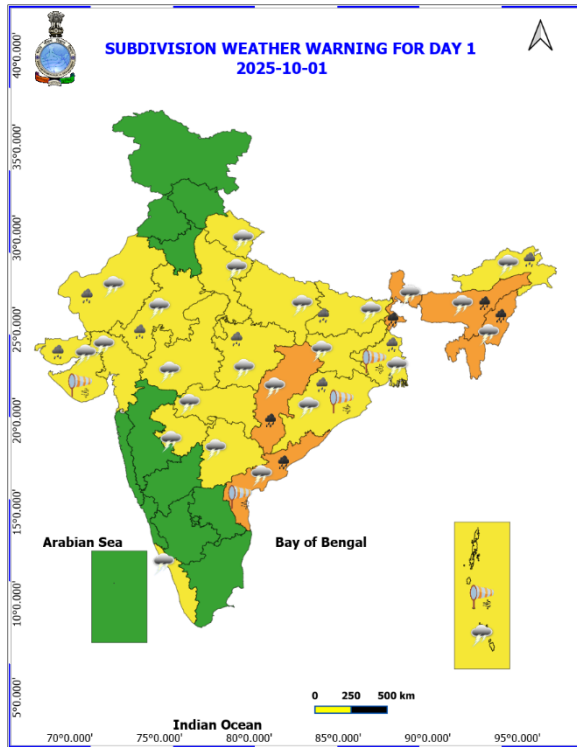


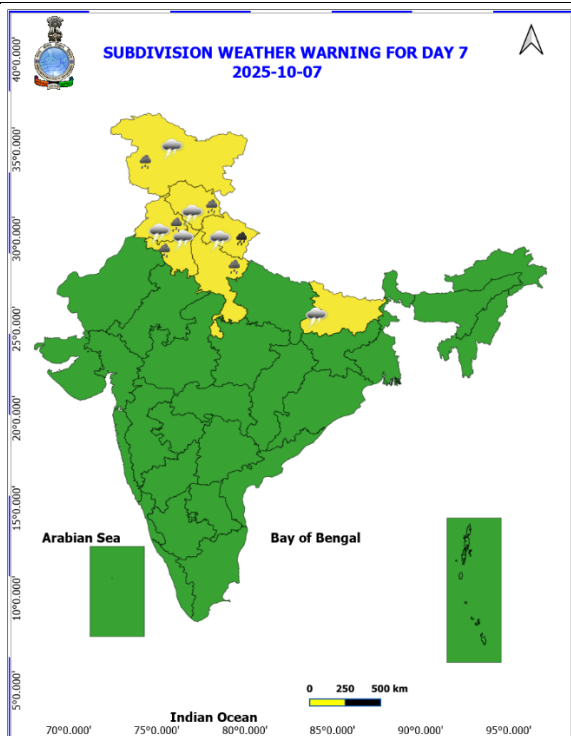
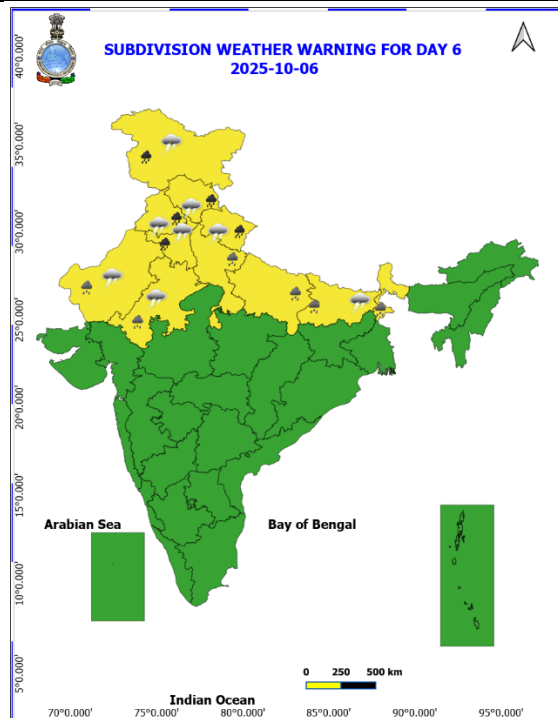
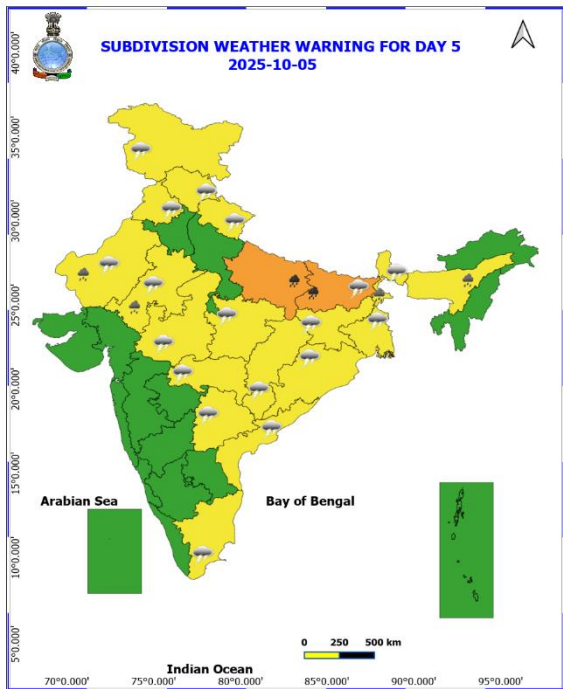
FORECAST TRACK



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Weather Warning Graphics





Fog	Heavy Snow	Cold Wave
Heavy Rain	Dust Storm	Cold Day
Very Heavy Rain	Heat Wave	Ground Frost
Extremely Heavy Rain	Warm Night	
Thunder & Lightning	Hot Day	
Hailstorm	Hot & Humid	
Dust Raising Winds	Strong Surface Winds	

COLOUR CODED WARNING

No Warning (No Action)
Watch (Be Aware)
Alert (Be Prepared To Take Action)
Warning (Take Action)

Probabilistic Forecast

Terms	Probability of Occurrence
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0630 hours IST of day till 0630 hours IST of next day.
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599
(Service to the Nation since 1875)

Fishermen Warning Graphics

