



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

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Subject: (A) Depression over interior Odisha and (B) Deep Depression over northeast Arabian Sea

(A) Depression over interior Odisha

The Deep Depression over south Odisha moved north-northwestwards with a speed of 10 kmph during past 6 hours, weakened into a Depression and lay centered at 0530 Hrs IST of today, the 3rd October 2025 over interior Odisha near latitude 20.2°N and longitude 84.1°E, about 40 km south-southwest of Phulbani (Odisha), about 100 km east-northeast of Bhawanipatna (Odisha), 140 km south of Sambalpur (Odisha), 190 km south of Jharsuguda (Odisha).

It is very likely to move north-northwestwards across interior Odisha and weaken gradually into a well-marked low pressure during next 12 hours.

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
03.10.25/0530	20.2/84.1	45-55 gusting to 65	Depression
03.10.25/1130	20.7/83.8	35-45 gusting to 55	Depression
03.10.25/1730	21.2/83.5	25-35 gusting to 45	Well marked low

Warnings:

(i) Rainfall Warning:

Andhra Pradesh: Light to moderate rainfall at many places with heavy rainfall at isolated places is likely over north coastal Andhra Pradesh on 3rd October.

Chhattisgarh: Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places and **extremely heavy falls** at one or two places on 3rd October. Rainfall activity would decrease thereafter becoming light to moderate rainfall at many places with heavy rainfall at isolated places on 4th October.

Bihar: Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places & **extremely heavy rainfall** at isolated places during 3rd - 4th October. It would decrease thereafter becoming light to moderate rainfall at many places with heavy to very heavy rainfall at isolated on 5th October.

East Uttar Pradesh: Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places during 3rd to 5th October and **extremely heavy rainfall** at isolated places on 4th October.

Odisha: Light to moderate rainfall at most places with isolated heavy to very heavy at isolated places over interior Odisha on 3rd October.

Gangetic West Bengal: Light to moderate rainfall at most places with heavy to very rainfall at isolated places is very likely on 3rd October. Thereafter rainfall would reduce becoming light to moderate rainfall at many places with heavy rainfall at isolated places on 4th & 5th October.

Sub-Himalayan West Bengal: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely during 3rd to 5th October.

Jharkhand: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is likely 3rd October. Thereafter rainfall would reduce becoming light to moderate rainfall at many places with heavy rainfall at isolated places is likely on 4th & 5th October.

East Madhya Pradesh: Light to moderate rainfall at many places with heavy to very heavy rainfall at isolated places is likely on 3rd October. Rainfall activity would decrease thereafter becoming light to moderate rainfall at a few places with heavy rainfall at isolated places on 4th October.

(ii) Wind warning:

- ❖ Squally wind speed reaching 35-45 gusting to 55 kmph is likely to prevail over northwest & adjoining westcentral Bay of Bengal and along and off Andhra Pradesh- Odisha- West Bengal coasts till 3rd October afternoon and decrease further thereafter.
- ❖ Squally wind speed reaching 45-55 gusting to 65 kmph is likely to prevail over interior Odisha, Chhattisgarh till today, afternoon. It would decrease thereafter becoming 35-45 gusting to 55 kmph over interior Odisha, Chhattisgarh, Jharkhand and 25-35 kmph gusting to 45 kmph over these regions and adjoining areas of East Madhya Pradesh, East Uttar Pradesh and Bihar by 3rd evening for subsequent 12 hours.

(iii) Sea condition:

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

(iv) Fishermen warnings:

Fishermen are advised not to venture into northwest & adjoining westcentral Bay of Bengal and along & off Andhra Pradesh-Odisha-West Bengal coasts till afternoon of 3rd October.

(v) Impact Expected and Action Suggested due to heavy rain and strong winds (Odisha, North Andhra Pradesh, Chhattisgarh, Jharkhand, Bihar, East Uttar Pradesh and East Madhya Pradesh)

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) Deep Depression over northeast Arabian Sea

The Deep Depression over northeast Arabian Sea moved west-northwestwards with a speed of 13 kmph during last 6 hours and lay centered at 0530 Hrs IST of today, the 3rd October, 2025 over the same region near latitude 21.3°N and longitude 67.1°E, about 240 km west-southwest of Dwarka, 270 km west of Porbandar, 280 km southwest of Naliya, and 400 km south of Karachi (Pakistan).

It is likely to move west northwestwards and intensify into a **cyclonic storm** during next 12 hrs. Thereafter, it is like to move nearly westwards initially and then west-southwestwards and intensify further into a **severe cyclonic storm** during subsequent 24 hrs.

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
03.10.25/0530	21.3/67.1	55-65 gusting to 75	Deep Depression
03.10.25/1130	21.5/66.7	65-75 gusting to 85	Cyclonic Storm
03.10.25/1730	21.6/66.4	75-85 gusting to 95	Cyclonic Storm
03.10.25/2330	21.6/66.0	85-95 gusting to 105	Cyclonic Storm
04.10.25/0530	21.6/65.6	95-105 gusting to 120	Severe Cyclonic Storm
04.10.25/1730	21.2/64.7	100-110 gusting to 125	Severe Cyclonic Storm
05.10.25/0530	20.9/64.0	100-110 gusting to 125	Severe Cyclonic Storm
05.10.25/1730	20.6/63.9	100-110 gusting to 125	Severe Cyclonic Storm
06.10.25/0530	20.3/64.0	95-105 gusting to 120	Severe Cyclonic Storm

(i) Wind warning:

- ❖ Squally wind speed reaching 55-65 gusting to 75 kmph is prevailing over Northeast Arabian Sea, adjoining areas of northwest Arabian Sea. It is likely to become 75-85 kmph gusting to 95 kmph from evening of today, the 3rd October, and then further increase to 100-110 gusting to 125 kmph over northwest Arabian Sea adjoining northeast Arabian sea from evening of 4th October, 2025 till morning of 6th October.
- ❖ Squally wind speed reaching 55-55 gusting to 65 kmph is very likely to prevail over central Arabian Sea till afternoon of 3rd October, becoming 65-75 kmph gusting to 85 kmph till evening of 4th afternoon and further increase to 100-110 gusting to 125 kmph over adjoining areas of central Arabian Sea from evening of 4th October 2025 till evening of 5th October.
- ❖ Squally wind speed reaching 45-55 gusting to 65 kmph is very likely to prevail along & off Gujarat -north Maharashtra coast during 3rd to 5th October.

(ii) Sea condition:

- ❖ Sea condition is very likely to be very rough to high over Northeast Arabian Sea, adjoining areas of northwest Arabian Sea coast till afternoon of today, the 3rd October, becoming high to very high over northwest and adjoining northeast Arabian sea during 4th -6th October.
- ❖ Sea condition is very likely to be rough to very rough along and off Gujarat-north Maharashtra coast and Pakistan coasts till 5th October.

(iii) Fishermen warnings:

- Fishermen are advised not to venture into
- ❖ Northeast Arabian Sea, adjoining areas of northwest Arabian Sea & adjoining areas central Arabian sea and along & off Gujarat coast during 3rd - 6th October

Next Message will be issued at 1200 hrs IST of today, the 3rd October, 2025.

(Umasankar Das)
Scientist-D, IMD, New Delhi

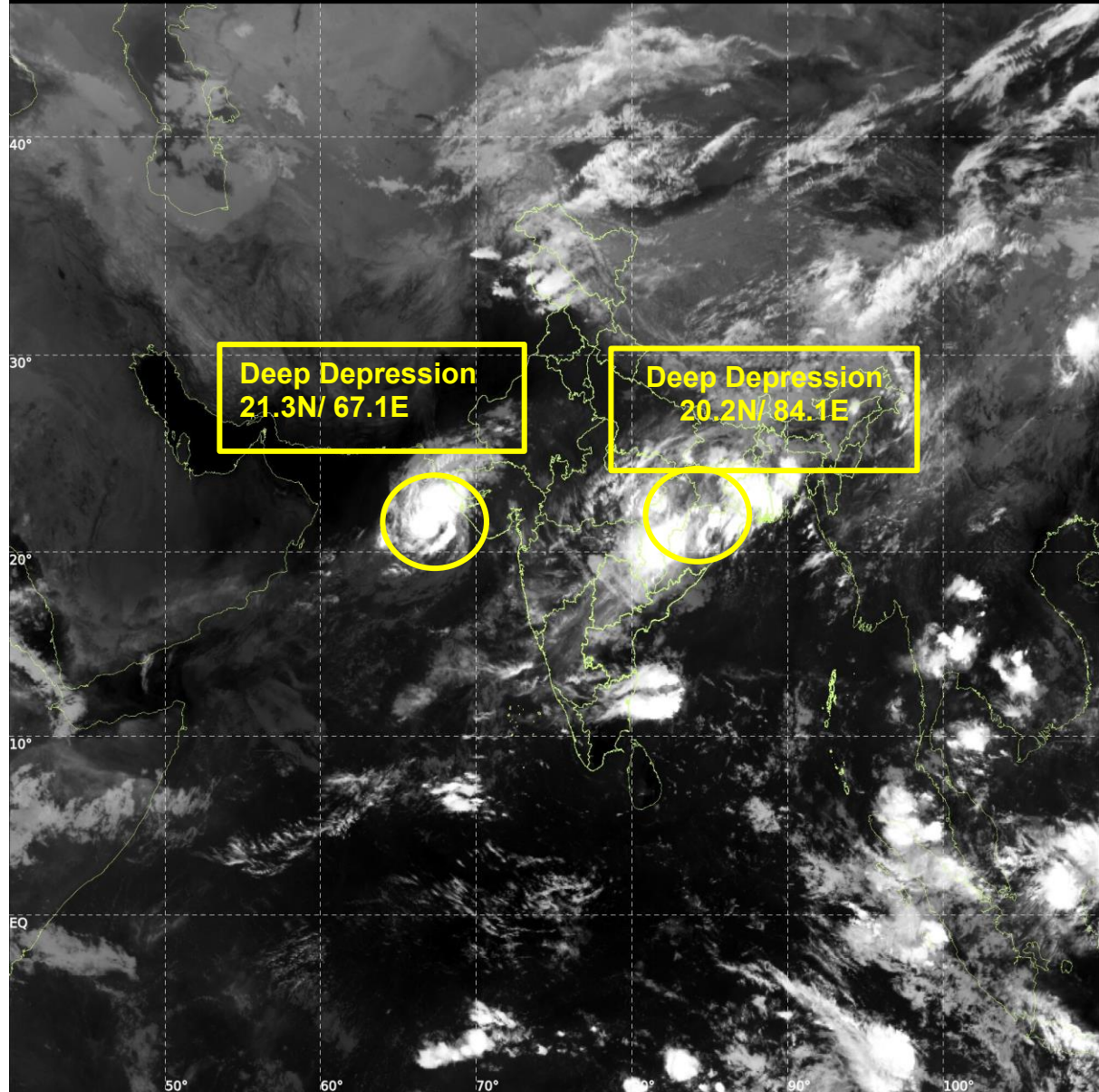
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INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:03-10-2025/(0230-0257) IST:03-10-2025/(0800-0827)
L1C MERCATOR (LINEAR STRETCH: 1%)

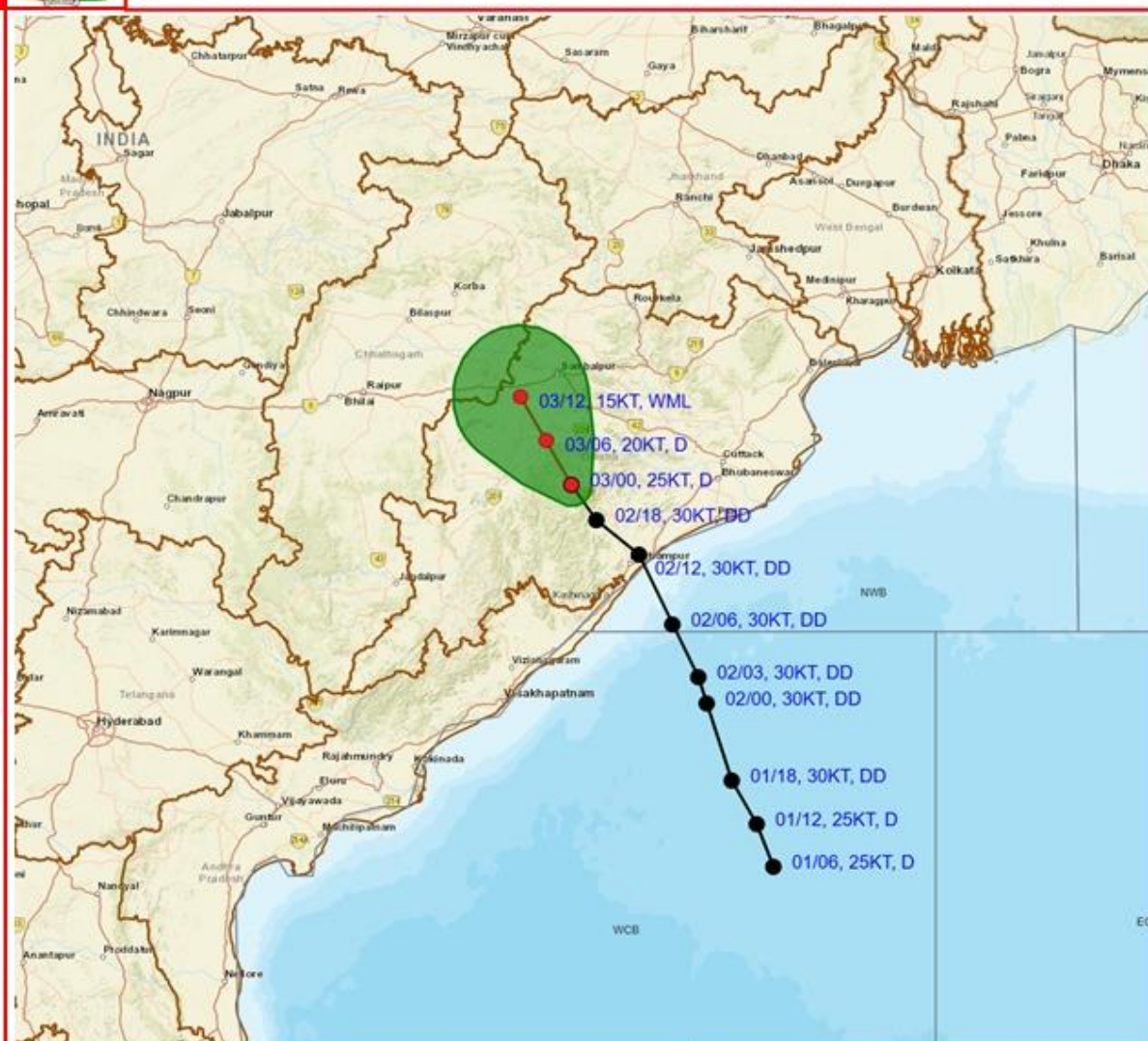
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OBSERVED AND FORECAST TRACK OF DEPRESSION OVER INTERIOR ODISHA BASED ON 0000 UTC (0530 IST) OF 3RD OCTOBER, 2025



DATE/TIME IN UTC

1 KT = 1.85 KMPH

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

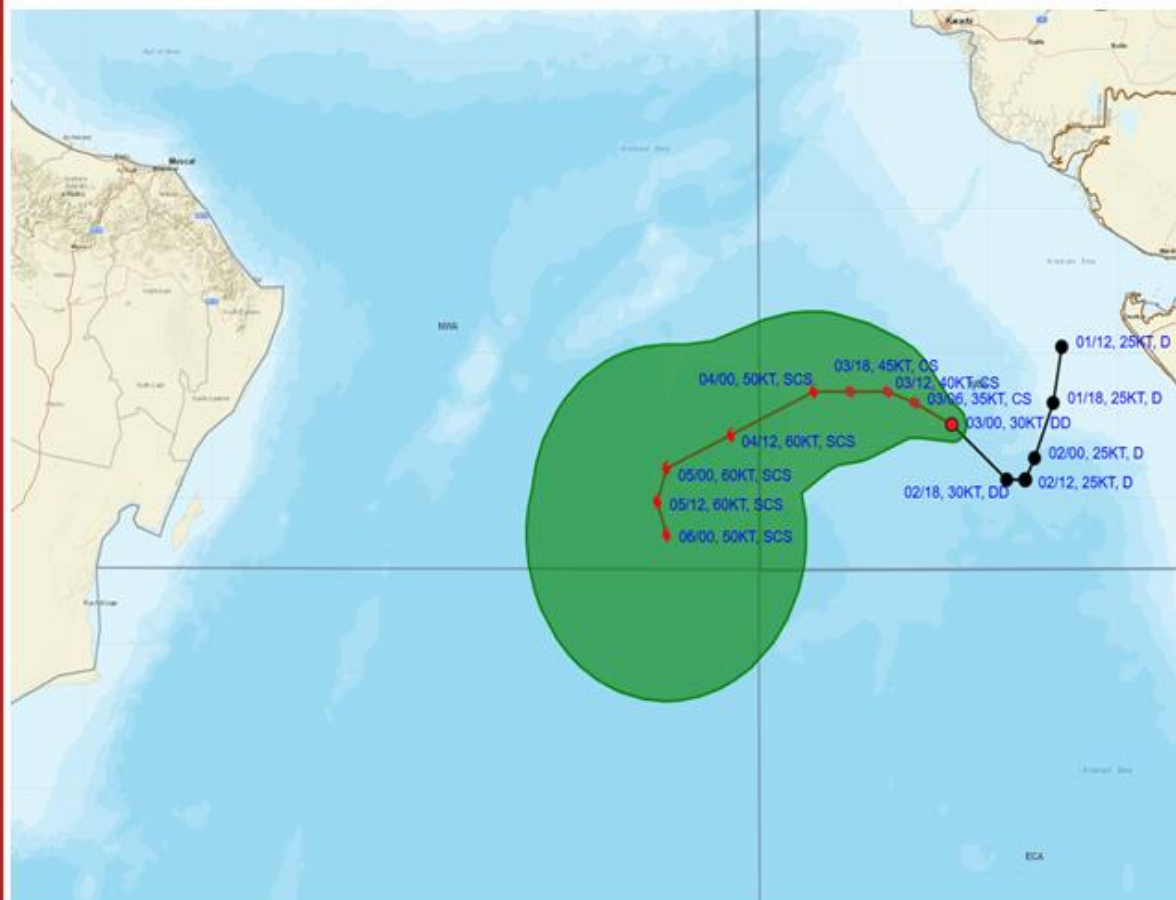
— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY



OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER NORTHEAST ARABIAN SEA BASED ON 0000 UTC (0530 IST) OF 3RD 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

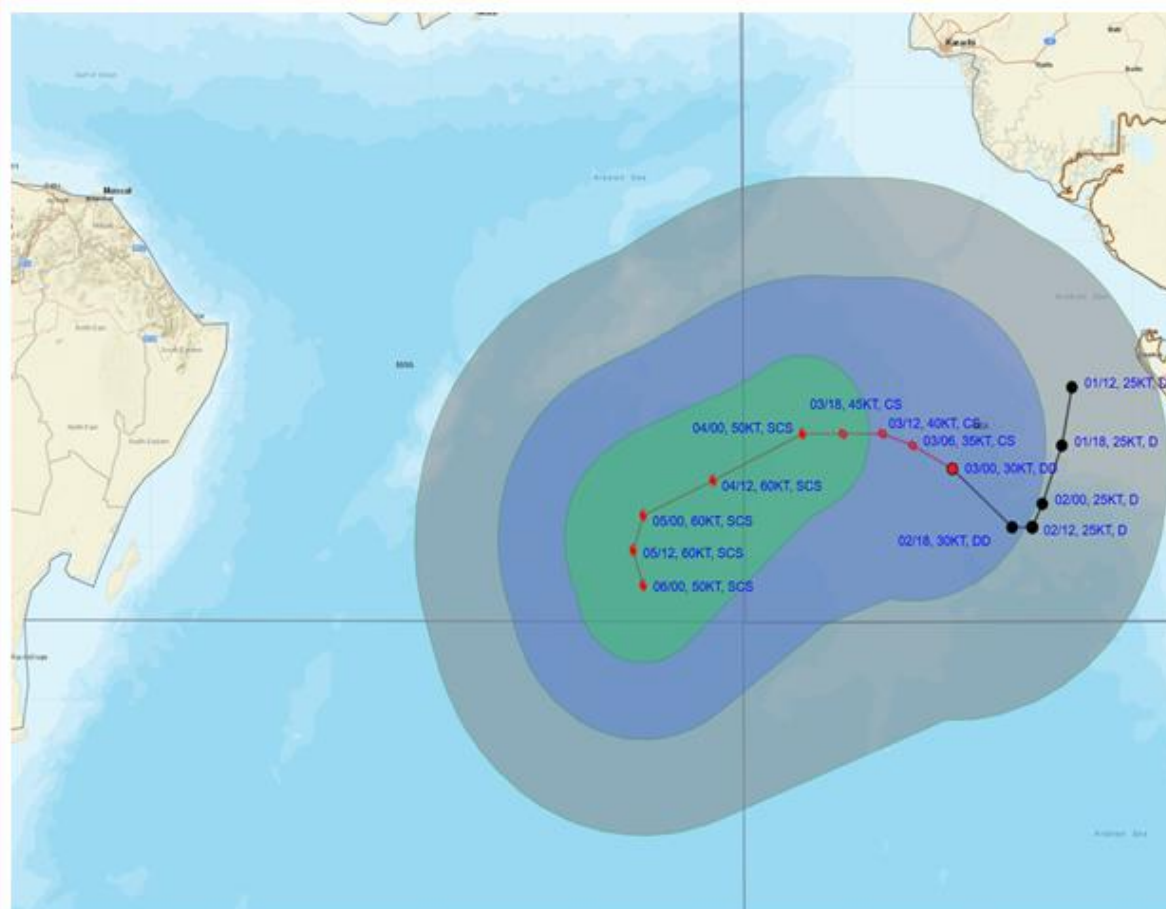
— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER NORTHEAST ARABIAN SEA BASED ON 0000 UTC (0530 IST) OF 3RD 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

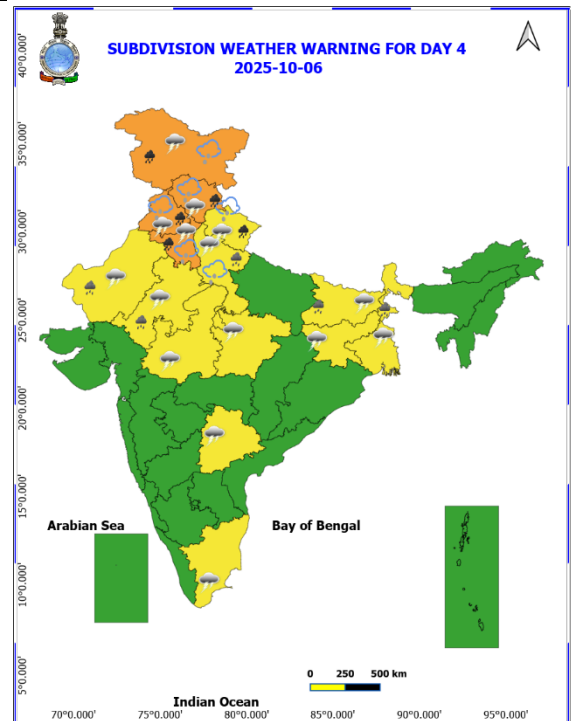
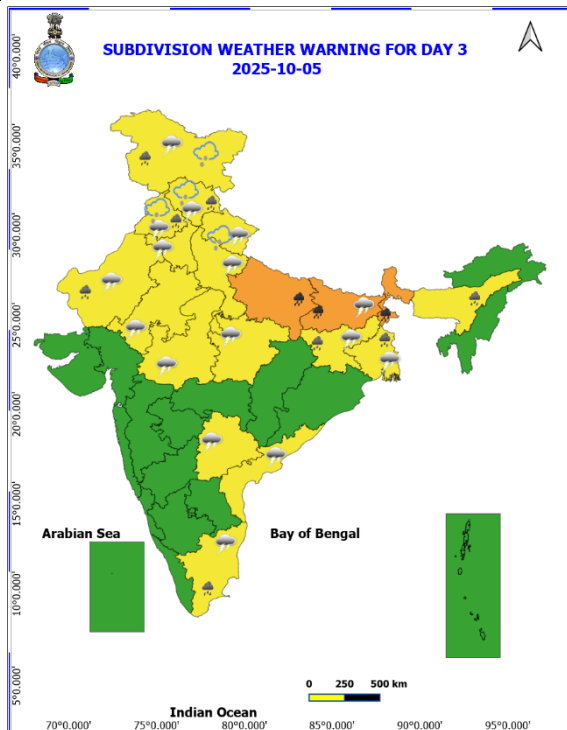
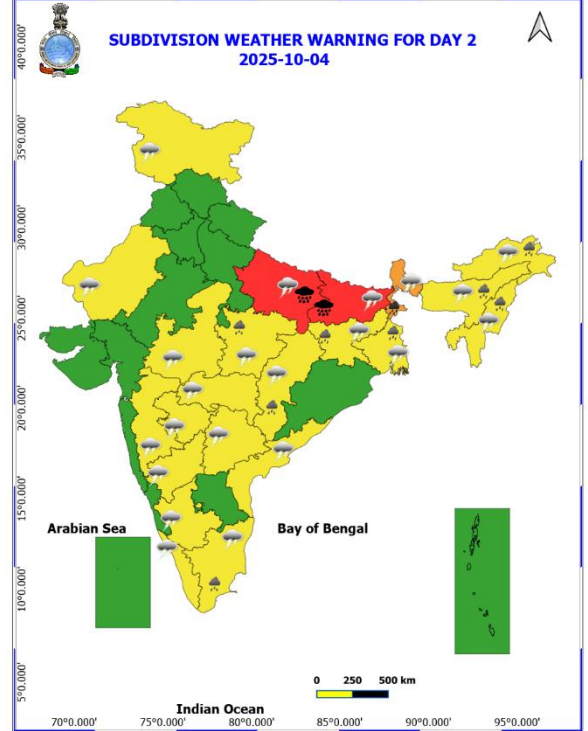
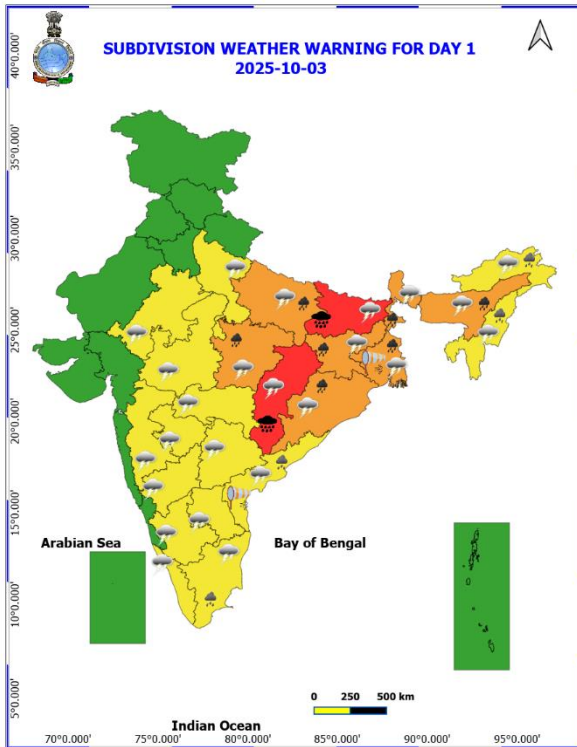
1 KT = 1.85 KMPH

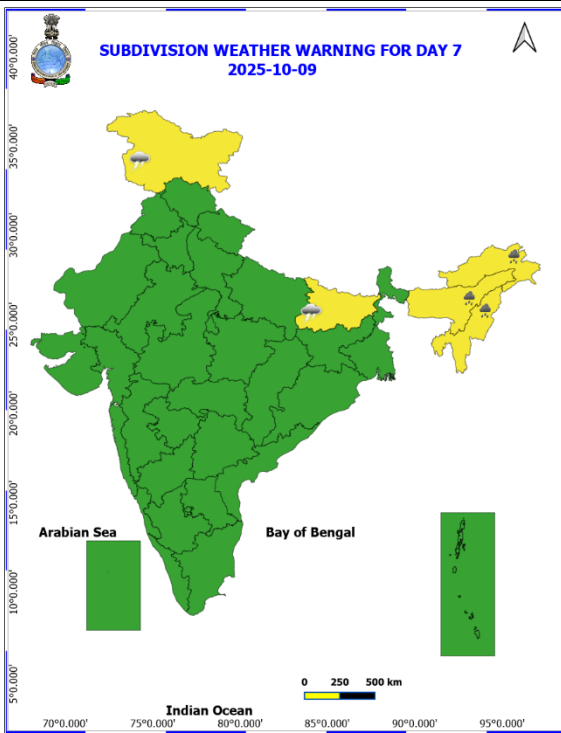
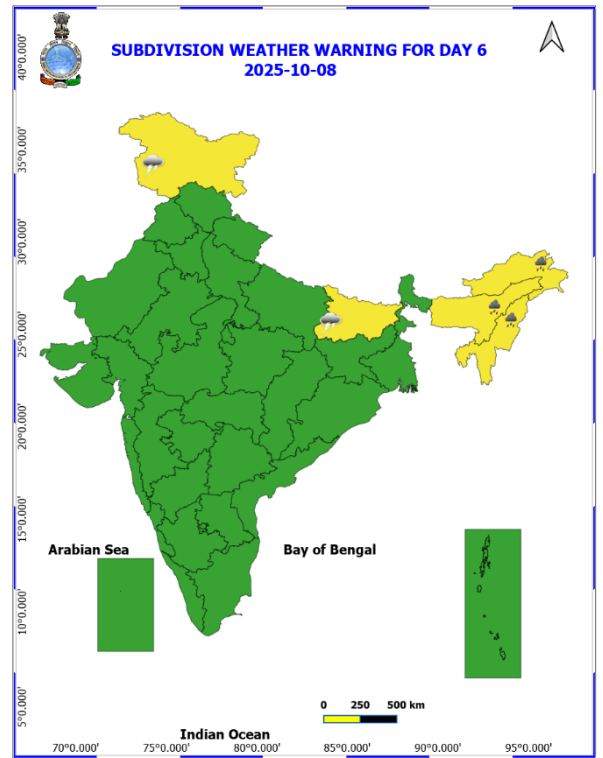
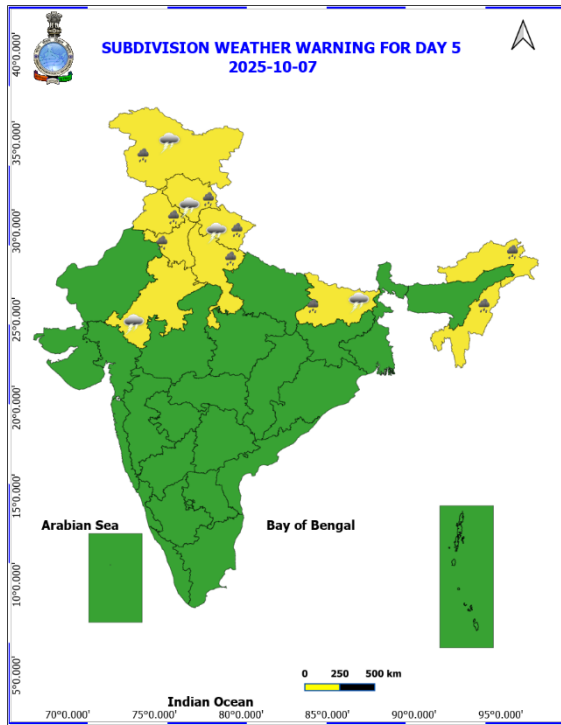
● LESS THAN 34 KT
● 34-47 KT
● ≥ 48 KT
● OBSERVED TRACK
● FORECAST TRACK
● CONE OF UNCERTAINTY
AREA OF MAXIMUM SUSTAINED WIND SPEED:
28-33 KT (52-61 KMPH)
34-49 KT (62-91 KMPH)
50-63 KT (92-117 KMPH)
 ≥ 64 KT (≥ 118 KMPH)

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

