India Meteorological Department
(Ministry of Earth Sciences)

NATIONAL BULLETIN NO. 40 (BOB/10/2026)

TIME OF ISSUE: 1630 HOURS IST **DATED: 20.11.2026**

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, GOVT. OF ANDHRA PRADESH (FAX NO. 0863-2441029)
CHIEF SECRETARY, GOVT. OF ODISHA (FAX NO. 0674-2536660)
CHIEF SECRETARY, GOVT. OF CHHATTISGARH (FAX NO. 0771-2221206)
CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 0651-2400255)
CHIEF SECRETARY, GOVT. OF WEST BENGAL (FAX NO. 033-22144328)
CHIEF SECRETARY, GOVT. OF WEST BIHAR (FAX NO. 06122217085)
CHIEF SECRETARY, GOVT. OF MIZORAM (FAX NO. 0389-2322745)
CHIEF SECRETARY, GOVT. OF ASSAM (FAX NO. 0361-2261403)
CHIEF SECRETARY, GOVT. OF MEGHALAYA (FAX NO. 0364-2225978)
CHIEF SECRETARY, GOVT. OF MANIPUR (FAX NO. 0385-2452629)
CHIEF SECRETARY, GOVT. OF TRIPURA (FAX NO. 0381-2414013)

Sub: Deep Depression (Remnant of Severe Cyclonic Storm "Akvan") over south coastal Odisha.

The Deep Depression **(Remnant of Severe Cyclonic Storm "Akvan")** over south coastal Odisha moved northwards with a speed of 15 kmph during past 06 hours and lay centered at 1430 hours IST of today, the 20th November, 2026, over the same region near latitude 20.0°N and longitude 84.9°E, about 80 km north of Gopalpur (Odisha), 90 km south-southwest of Angul (Odisha) and 100 km west-northwest of Puri (Odisha).

It is likely to move nearly northwards over Odisha and weaken into a Depression during next 03 hours and into a Well Marked Low Pressure Area during subsequent 06 hours.

Forecast location and intensity are given in following table:

Date/Time (IST)	Position (Lat. ^{0}N/ long. ^{0}E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
20.11.26/1430	20.0/84.9	50-60 gusting to70	Deep Depression
20.11.26/1730	20.6/84.9	40-50 gusting to 60	Depression
20.11.26/2330	21.8/85.15	20-30 gusting to 40	Well Marked Low Pressure Area

Warnings:

(i) Rainfall Warning:

Odisha: Light to moderate rainfall at many places with **heavy to very heavy rainfall** at isolated places is very likely on 20th November.

Chhattisgarh: Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely over east Chhattisgarh on 20th on 21st November.

Gangetic West Bengal: Light to moderate rainfall at many places with **heavy to very heavy rainfall** at isolated places is very likely on 20th November and **heavy rainfall** at isolated places on 21st November.

Sub Himalayan West Bengal: Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely on 20th on 21st November.

Jharkhand: Light to moderate rainfall at many places with **heavy to very heavy rainfall** at isolated places is very likely on 20th November and **heavy rainfall** at isolated places on 21st November.

Bihar: Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely over southeast Bihar on 21st November.

Manipur, Tripura, Mizoram, Assam & Meghalaya: Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely over Manipur, Tripura, Mizoram and south Assam on 20th November and over Manipur, Tripura, Mizoram, Assam & Meghalaya on 21st November.

(ii) Flash Flood Guidence: Moderate flash flood risk likely over few watersheds & neighborhoods of Odisha and Gangetic West Bengal during next 24 hours.

Odisha: Gajapati, Ganjam, Jagatsinghpur, Kendrapara, Puri, Balasore, Keonjhargarh, Mayurbhanj, Sambalpur, Sundargarh and Deogarh districts
Gangetic West Bengal: Bankura, Purulia, West Midnapore, East Midnapore, Howrah, North 24 Parganas, South 24 Parganas, Hooghly, Nadia and Purba Bardhaman districts
Jharkhand: East Singhbhum, Seraikela-Kharsawan, West Singhbhum, Khunti, Ranchi, Simdega and Gumla districts

(iii) Wind warning:

Westcentral Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and It will decrease gradually decrease during next 12 hours.

Northwest Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and It will decrease gradually decrease during next 12 hours.

Along & off North Andhra Pradesh & Yanam coasts: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and It will decrease gradually decrease during next 12 hours.

Along & off South Odisha coasts: squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and It will decrease gradually decrease during next 12 hours.

Along & off North Odisha & West Bengal coasts: Squally wind speed reaching 45-55 gusting 65 kmph is prevailing and will continue till evening of today, the 20th Nov 2026 and decrease thereafter.

(iv) Sea condition:

Westcentral Bay of Bengal: Very rough to rough sea condition likely to prevail during next 03 hours and likely improve gradually thereafter.

Northwest Bay of Bengal: Very rough to rough sea condition likely to continue for next 6 hours, and It is likely to improve thereafter.

Along & off North Andhra coast: Very rough to rough sea condition likely to prevail during next 06 hours and likely improve gradually thereafter

Along & off South Odisha coasts: Very Rough to rough condition likely to continue for next 6 hours, and It is likely to improve thereafter.

Along & Off adjoining areas of North Odisha & West Bengal coasts: Rough Sea condition is likely to prevail during next 3 hours and improve gradually thereafter.

(vi) Fisherman warning: Fishermen are advised not to venture into

- Westcentral Bay of Bengal till 20st November night.
- Northwest Bay of Bengal till 21st November morning.

(vii) Impact Expected & Action Suggested

(a) Damage Expected over Odisha, West Bengal, Jharkhand, Bihar, Chhattisgarth, Manipur, Tripura, Mizoram, Assam & Meghalaya.

(b) Action suggested

- **Roads/Rail/Air Transport:**
  - Major damage to Kutcha and Pucca roads.
  - Flooding of escape routes. Check for traffic congestion on your route before leaving for your destination.
  - Localized Flooding of roads, water logging in low lying areas.
  - Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
  - Disruption of railways, overhead powerlines and signalling systems, Airports & Heliports.
- **Drinking water/sanitation and human/animal health**.
- **Secondary hazards:** Riverine flooding, Urban flooding, coastal flooding, possible landslides in hilly areas

Action Suggested

- Total suspension of fishing operations over:
  - Westcentral Bay of Bengal till 20st November.
  - Northwest Bay of Bengal till 21st November.
- Coastal hutment dwellers to be moved to safer places. People in affected areas to remain indoors.
- Judicious regulation of rail, road and air traffic
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Movement in motor boats and small ships unsafe
- Total suspension of offshore/onshore operations
- Dam/reservoir authorities may access the dam/reservoirs.
- Fisheries Departments and fishing harbor authorities are advised to alert fishermen and monitor subsequent IMD marine warnings. Fishermen should plan their activities in accordance with the latest area-specific advisories till 20th November.
- Shipping, port and offshore operators are advised to review operational preparedness and monitor subsequent forecasts for possible restrictions on weather-sensitive activities till 20th November.
- Maritime authorities may review communication, vessel-tracking and search-and-rescue preparedness, particularly for vessels operating in areas likely to be affected till 20th November.
- The extent and timing of restrictions on fishing, shipping, port and marine tourism activities should be guided by subsequent forecasts and warnings issued by IMD till 20th November.

(c) Damage Expected over north Odisha, Gangetic West Bengal, South Jharkhand and East Chhattisgarh and Action suggested

- **Structure:**
  - Damage to thatched houses/ kutcha houses.
  - Potential threat to vulnerable structures, tin house, asbestos house.
- **Roads/Rail:**
  - Some breaches in Kutcha Road due to flooding.
  - Flooding of escape routes. Check for traffic congestion on your route before leaving for your destination.
  - Localized Flooding of roads, water logging in low lying areas.
  - Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Drinking water/sanitation and human/animal health.
- **Secondary hazards:** Riverine flooding, Urban flooding, coastal flooding, landslides in hilly areas

Action Suggested

- Coastal hutment dwellers to be moved to safer places. People in affected areas to remain indoors.
- Avoid staying in vulnerable structure.
- Judicious regulation of rail and road traffic
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Movement in motor boats and small ships unsafe
- Offshore/onshore operations need to be judiciously regulated
- Dam/reservoir authorities may access the dam/reservoirs
- Fisheries Departments and fishing harbor authorities are advised to alert fishermen and monitor subsequent IMD marine warnings. Fishermen should plan their activities in accordance with the latest area-specific advisories till evening of today, the 20th November.
- Shipping, port and offshore operators are advised to review operational preparedness and monitor subsequent forecasts for possible restrictions on weather-sensitive activities till 20th November.
- Maritime authorities may review communication, vessel-tracking and search-and-rescue preparedness, particularly for vessels operating in areas likely to be affected till 20th November.
- The extent and timing of restrictions on fishing, shipping, port and marine tourism activities should be guided by subsequent forecasts and warnings issued by IMD till evening of today, the 20th November.

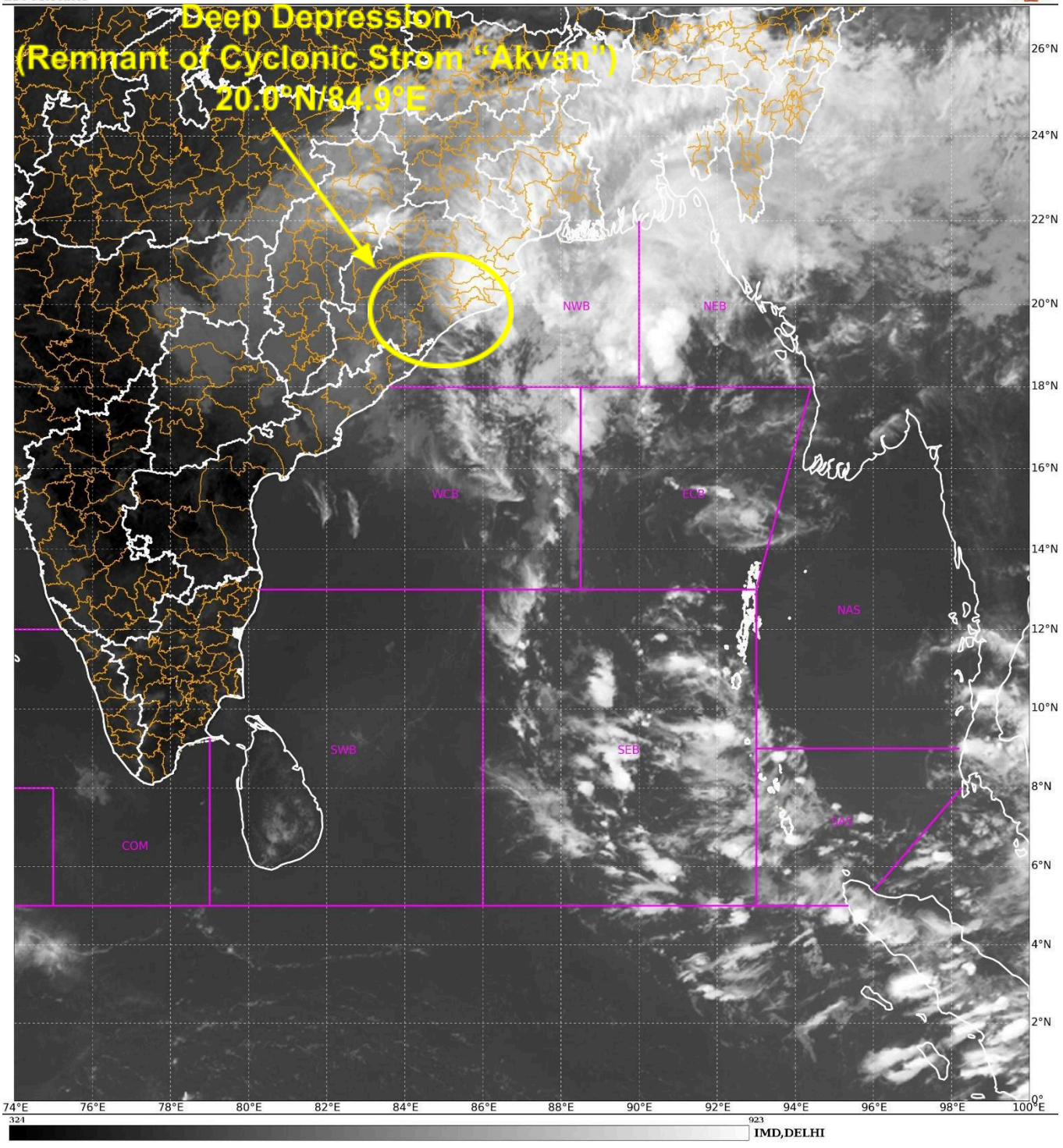
Next Message will be issued at 2030 hours IST of today, the 20th November, 2026.

(Akhil Srivastava)
Scientist D, IMD, New Delhi

Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/ MC, Amaravati/ CWC, Vishakhapatnam/ MC, Raipur/ MC, Ranchi, MC, Patna/ MC, Hyderabad/ MC, Sri Vijaya Puram

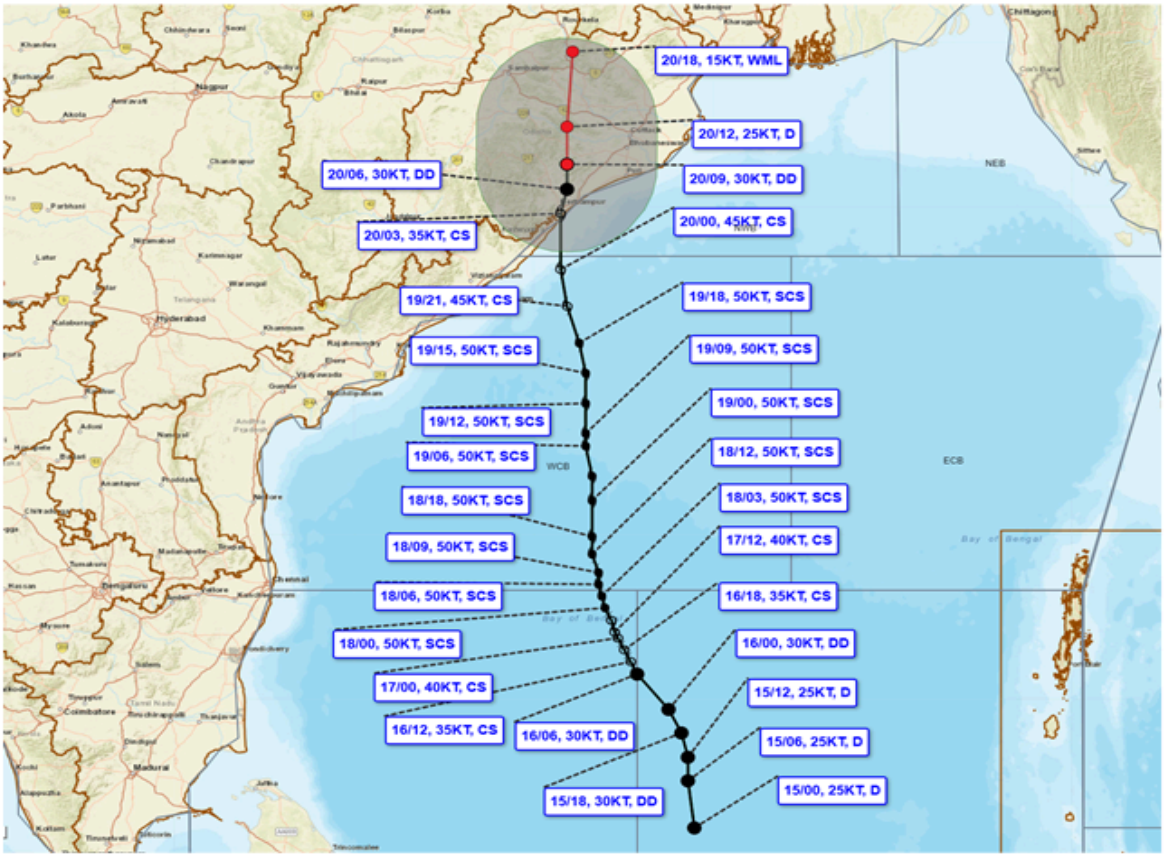
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

20-11-2026/(0914 to 0941) GMT
20-11-2026/(1444 to 1511) IST



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION (REMENANT OF CYCLONIC STORM "AKVAN") OVER SOUTH COASTAL ODISHA BASED ON 0900 UTC (1430 Hrs. IST) OF 20TH NOVEMBER 2026

OBSERVED AND FORECAST TRACK ALONG WITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION (REMENANT OF CYCLONIC STORM "AKVAN") OVER SOUTH COASTAL ODISHA BASED ON 0900 UTC (1430 Hrs. IST) OF 20TH NOVEMBER 2026



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)

KT (knot) = NAUTICAL MILES PER HOUR
1 KT = 1.85 KMPH

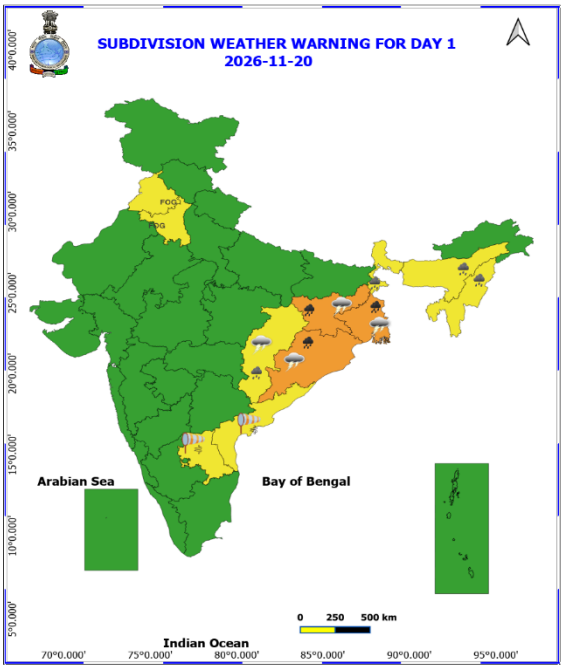
LESS THAN 34 KT
34-47 KT
≥ 48 KT
OBSERVED TRACK
FORECAST TRACK
CONE OF UNCERTAINTY

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

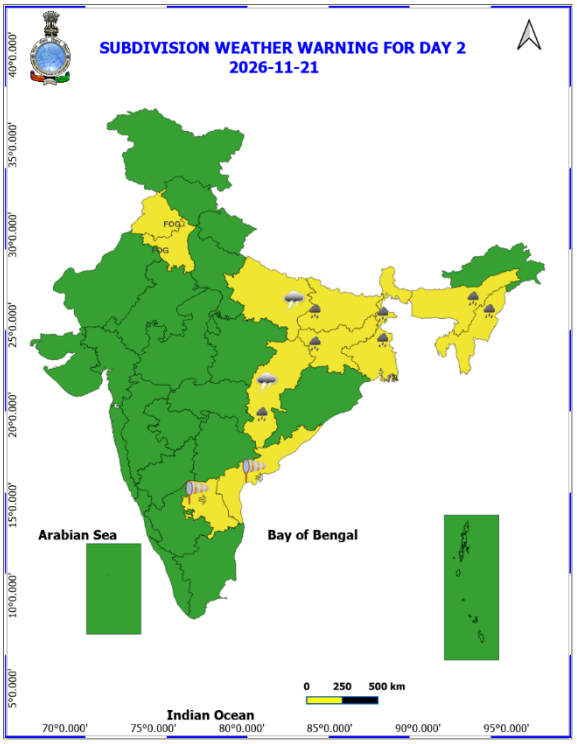
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

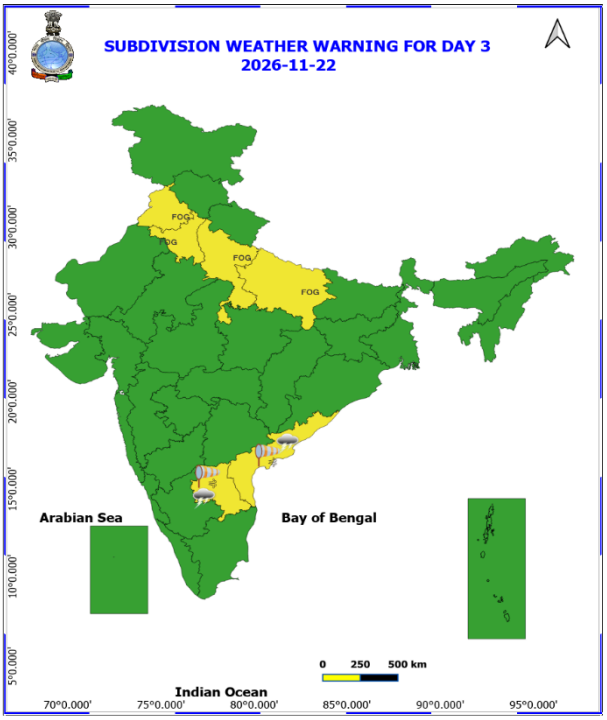
Weather Warning Graphics

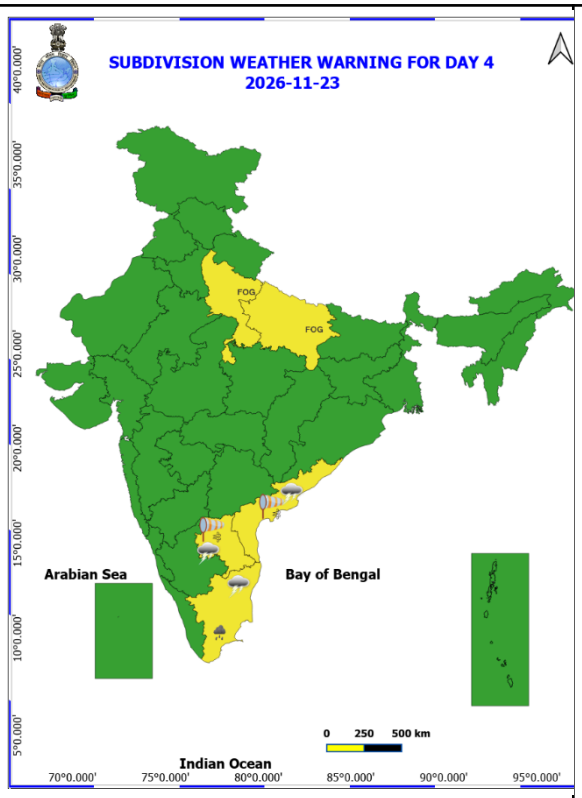

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-11-20
FOG
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

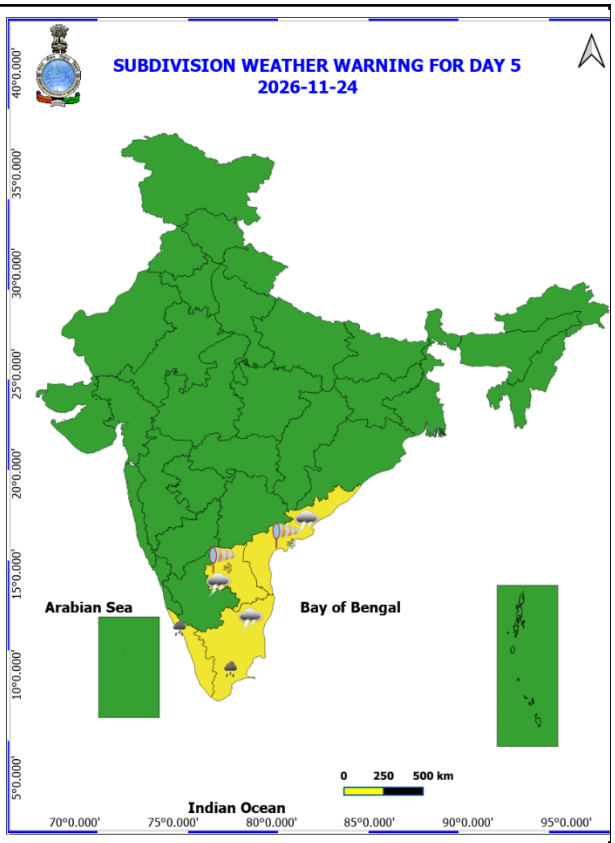

Fog
Heavy Rain
Very Heavy Rain
Extremely Heavy Rain
Thunder & Lightning
Hailstorm
Dust Raising Winds
Heavy Snow
Dust Storm
Heat Wave
Warm Night
Hot Day
Hot & Humid
Strong Surface Win

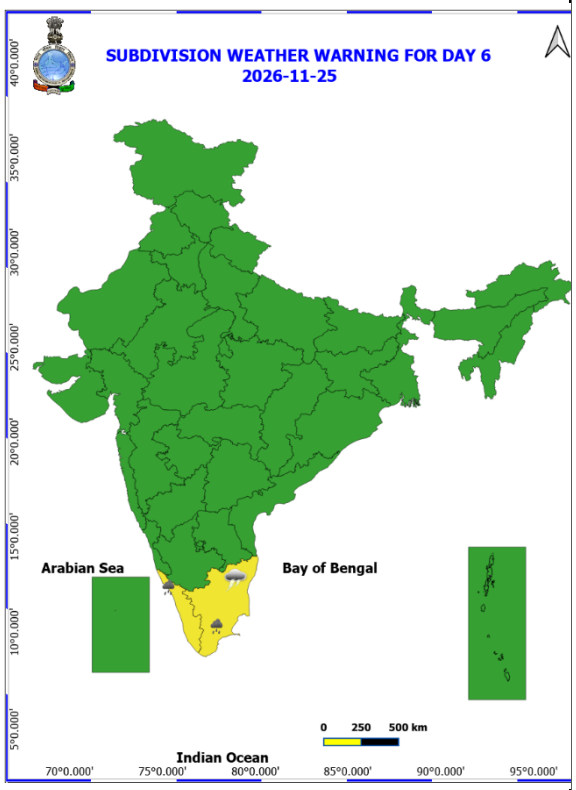

COLOUR CODED WARNING
No Warning (No Action)
Watch (Be Aware)
Alert (Be Prepared To Take Action)
Warning (Take Action)

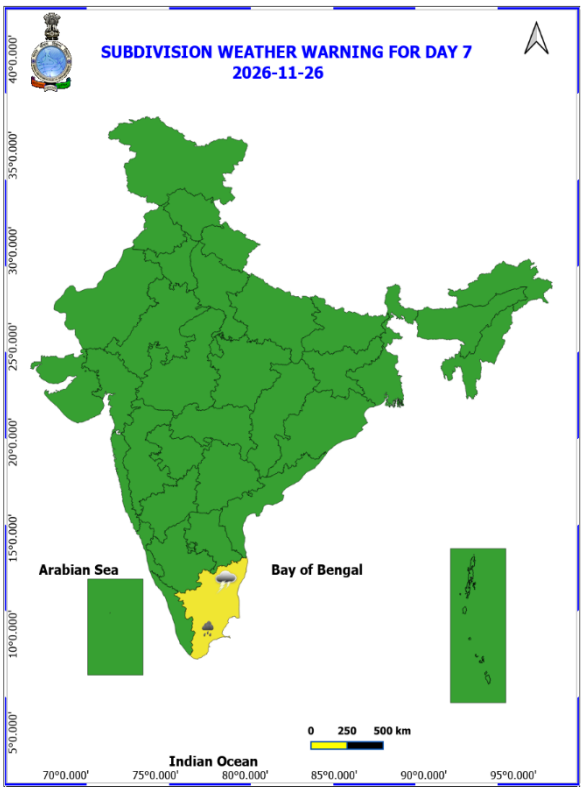

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-11-21
FOG
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-11-22
FOG
FOG
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

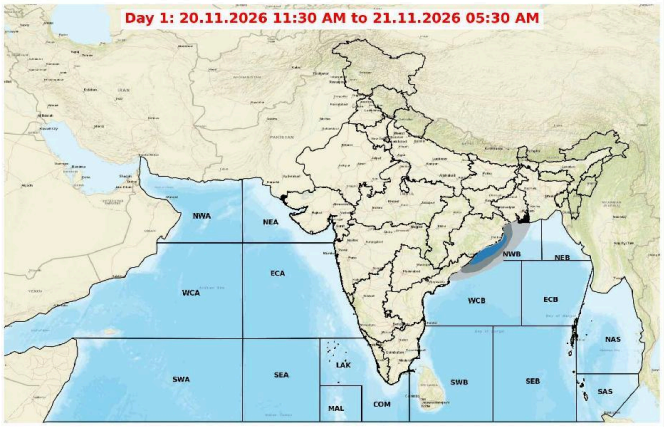

SUBDIVISION WEATHER WARNING FOR DAY 4
2026-11-23
FOG
FOG
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

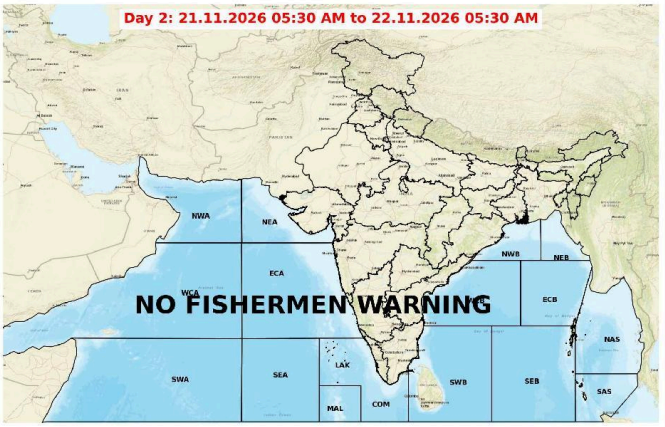

SUBDIVISION WEATHER WARNING FOR DAY 5
2026-11-24
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

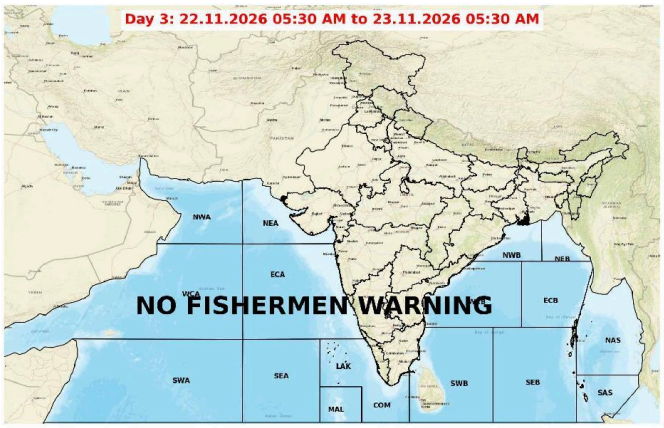

SUBDIVISION WEATHER WARNING FOR DAY 6
2026-11-25
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

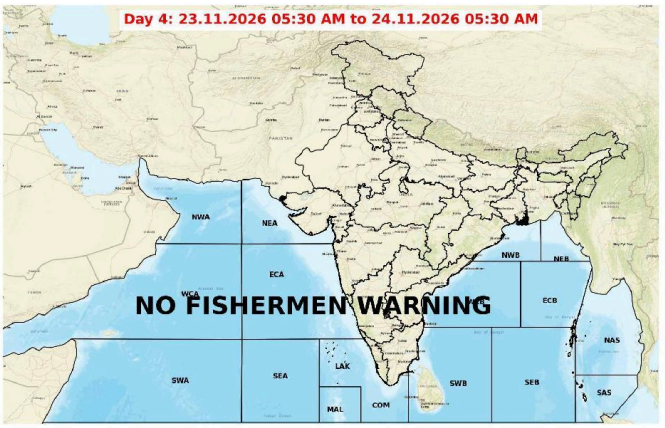

SUBDIVISION WEATHER WARNING FOR DAY 7
2026-11-26
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

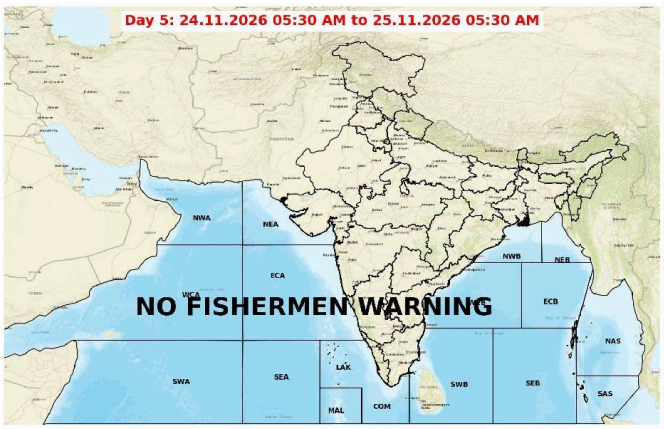
Fishermen Warning Graphics











Legend

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

Fishermen are advised not to venture into the marked areas.