India Meteorological Department
(Ministry of Earth Sciences)

NATIONAL BULLETIN NO. 39 (BOB/10/2026)

TIME OF ISSUE: 1350 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)
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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)
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CHIEF SECRETARY, GOVT. OF MEGHALAYA (FAX NO. 0364-2225978)
CHIEF SECRETARY, GOVT. OF MANIPUR (FAX NO. 0385-2452629)
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Sub: Cyclonic Storm "Akvan" [Pronunciation: Akvan] weakened into a Deep Depression over south costal Odisha.

The Cyclonic Storm "Akvan" [Pronunciation: Akvan] over north Andhra Pradesh & south Odisha coasts close to Gopalpur moved north-northeastwards with a speed of 24 kmph during past 06 hours and weakened into a Deep Depression over the South coastal Odisha at 1130 hours IST of today, the 20th November, 2026, near latitude 19.6°N and longitude 84.9°E, about 40 km north of Gopalpur (Odisha), 100 km west-southwest of Puri (Odisha) and 160 km north-northeast of Kalingapatnam (Andhra Pradesh)

It is likely to move north-northeastwards across Odisha and weaken into a Depression during next 06 hours and into a Well Marked Low Pressure Area during subsequent 06 hours.

The system is under continuous surveillance of the Doppler Weather Radar at Gopalpur.

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
20.11.26/1130	19.6/84.9	55-65 gusting to75	Deep Depression
20.11.26/1730	20.6/85.2	45-55 gusting to 65	Depression
20.11.26/2330	21.87/85.3	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 thereafter.

Northwest Bay of Bengal: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing and It will decrease becoming Squally wind speed reaching 40-50 kmph gusting to 60 kmph by evening of today.

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 thereafter.

Along & off South Odisha coasts: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing and It will decrease becoming Squally wind speed reaching 40-50 kmph gusting to 60 kmph by evening of today.

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 03hours and likely improve gradually thereafter

Northwest Bay of Bengal: High Sea condition likely to continue for next 3 hours, becoming very rough to rough by evening of today and It is likely to improve thereafter

Along & off North Andhra coast: Very rough to rough sea condition likely to prevail during next 03hours and likely improve gradually thereafter

. **Along & off South Odisha coasts:** High Sea condition likely to continue for next 3 hours, becoming very rough to rough by evening of today and It is likely to improve thereafter.

Along & Off adjoining areas of North Odisha & West Bengal coasts: Rough Sea condition is likely to prevail till evening of today 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.

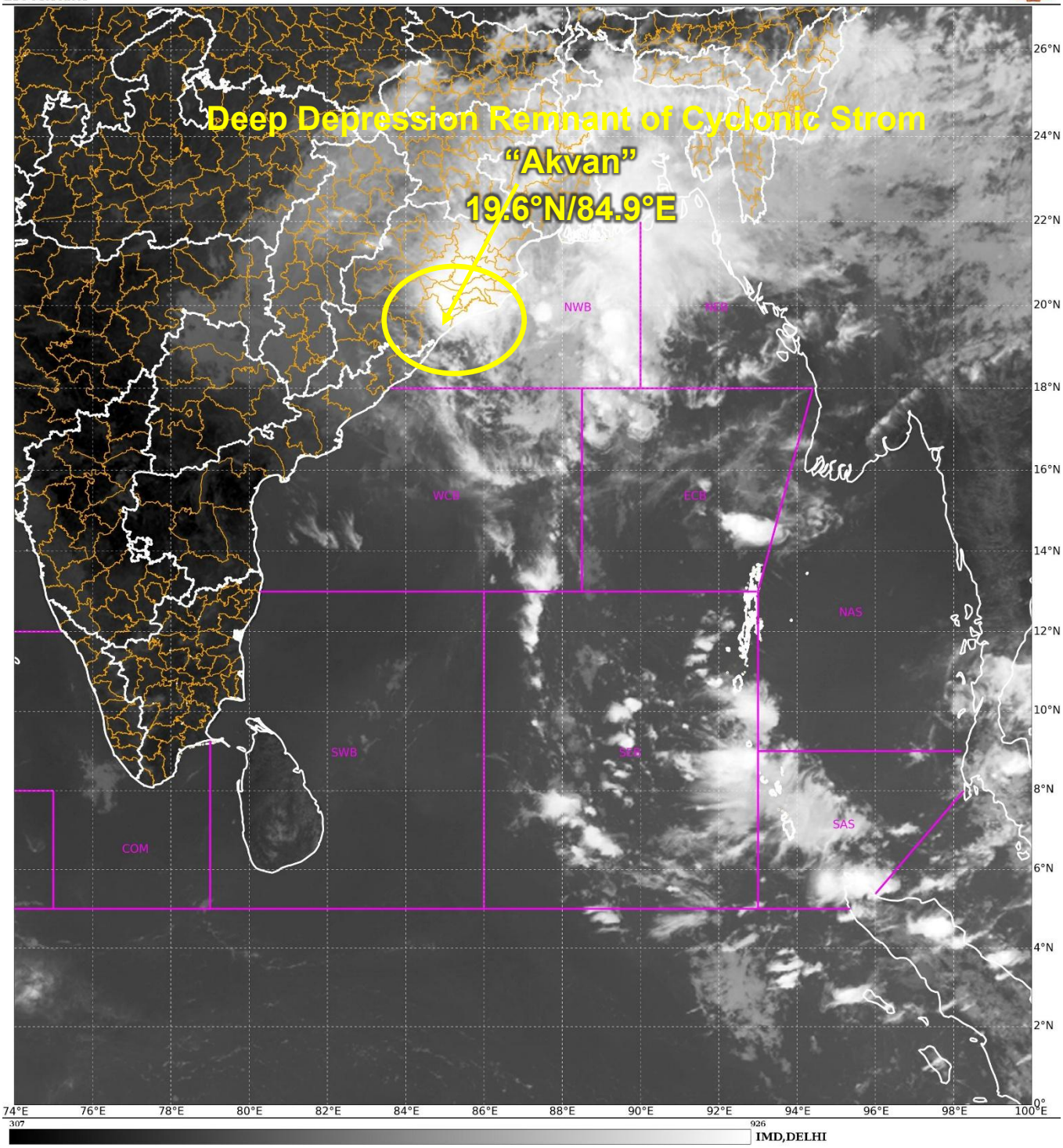
Next Message will be issued at 1730 hours IST of today, the 20th November, 2026.

(Dharma Raj Akasapu)
Scientist D, IMD, New Delhi

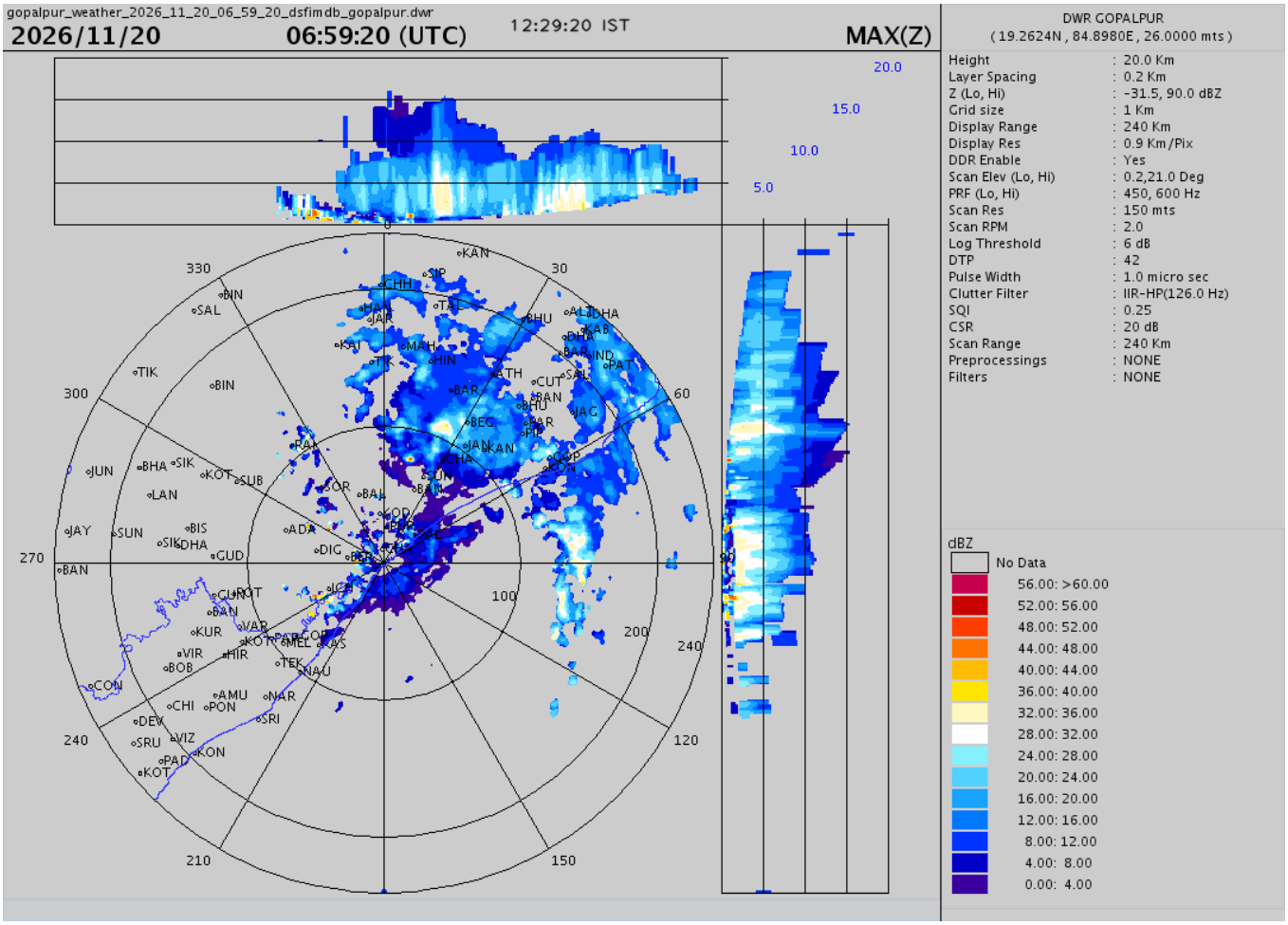
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SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

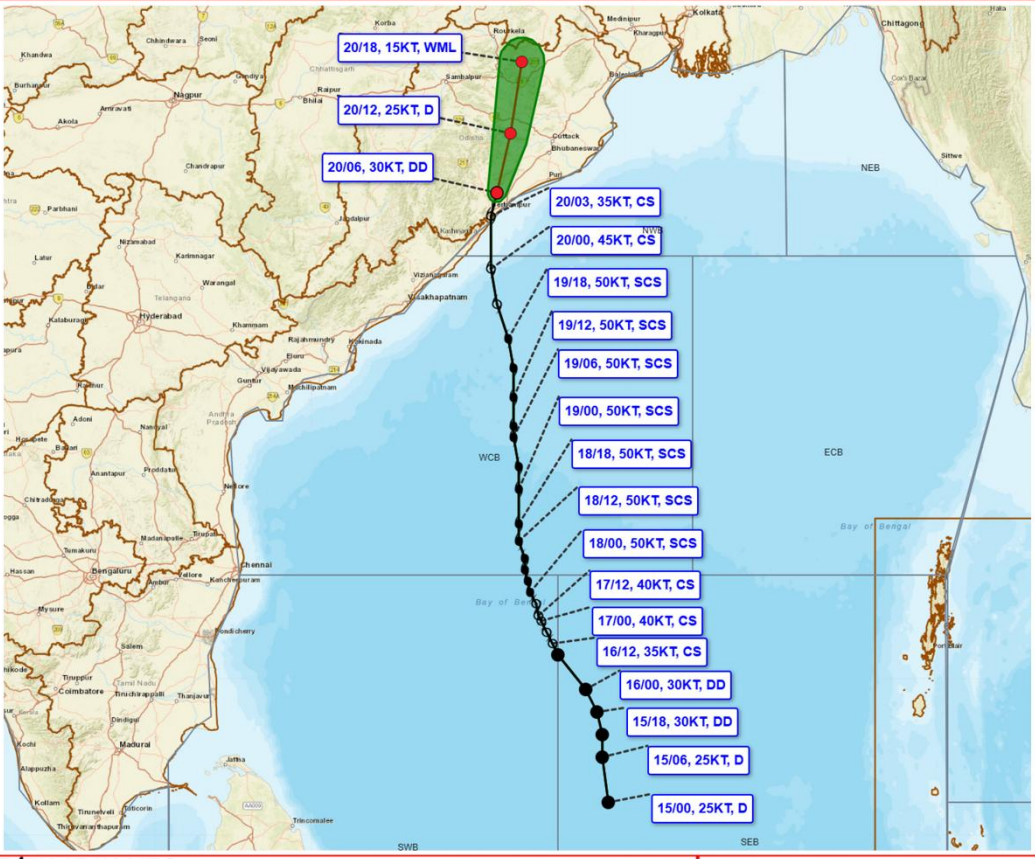
20-11-2026/(0615 to 0641) GMT
20-11-2026/(1145 to 1211) IST



DWR Gopalpur image at 1229 Hrs IST



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION (REMENANT OF CYCLONIC STORM "AKVAN") OVER SOUTH COASTAL ODISHA BASED ON 0600 UTC (1130 Hrs. IST) OF 20TH NOVEMBER 2026

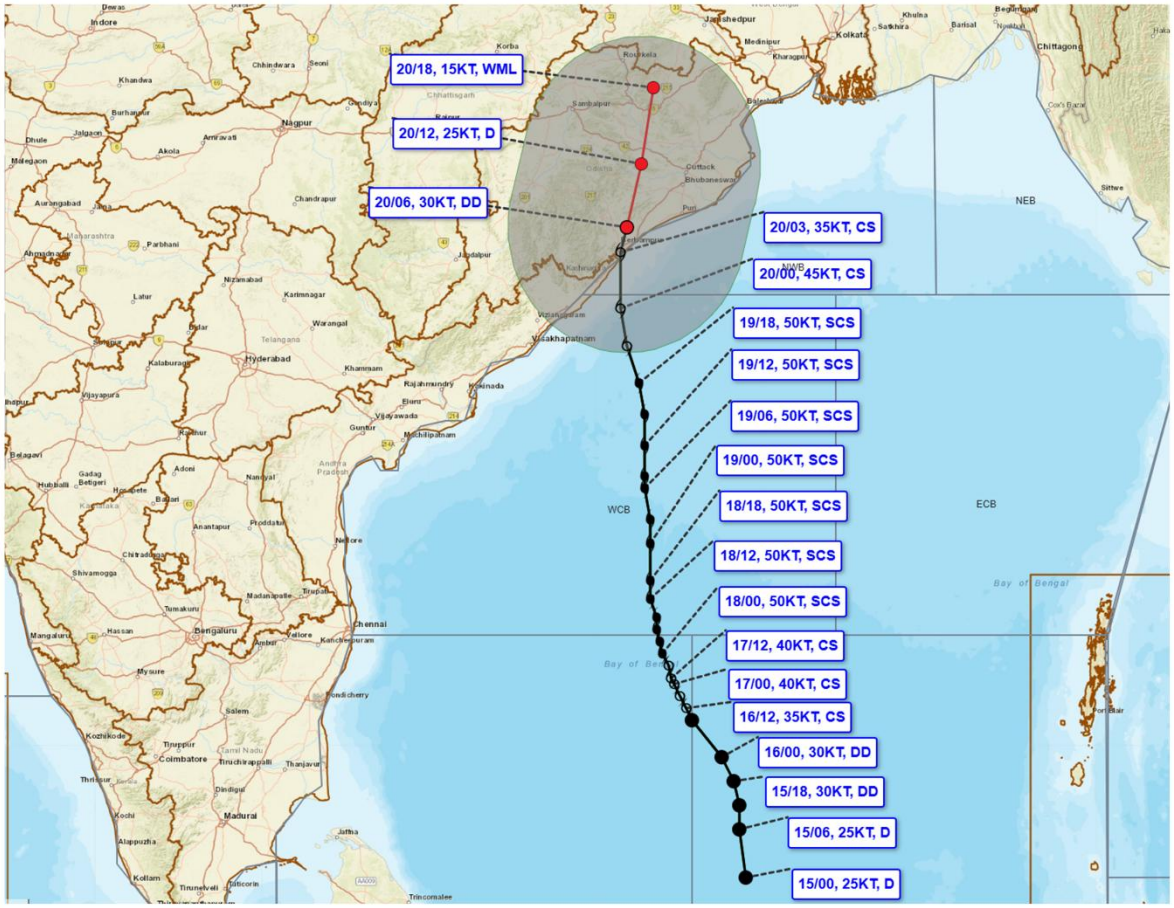


DATE/TIME IN UTC
IST= UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63 KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

OBSERVED AND FORECAST TRACK ALONG WITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION (REMENANT OF CYCLONIC STORM "AKVAN") OVER SOUTH COASTAL ODISHA BASED ON 0600 UTC (1130 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)
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KT (knot) = NAUTICAL MILES PER HOUR
1 KT = 1.85 KMPH

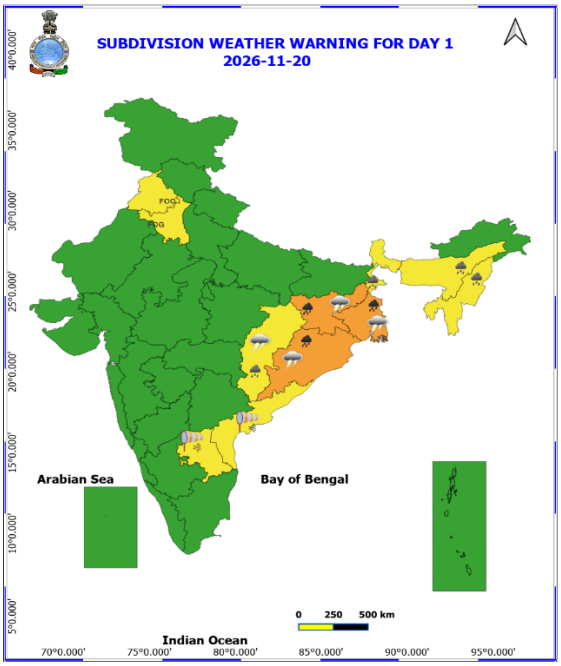
LESS THAN 34 KT
34-47 KT
≥ 48 KT
OBSERVED TRACK
FORECAST TRACK
CONE OF UNCERTAINTY

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)

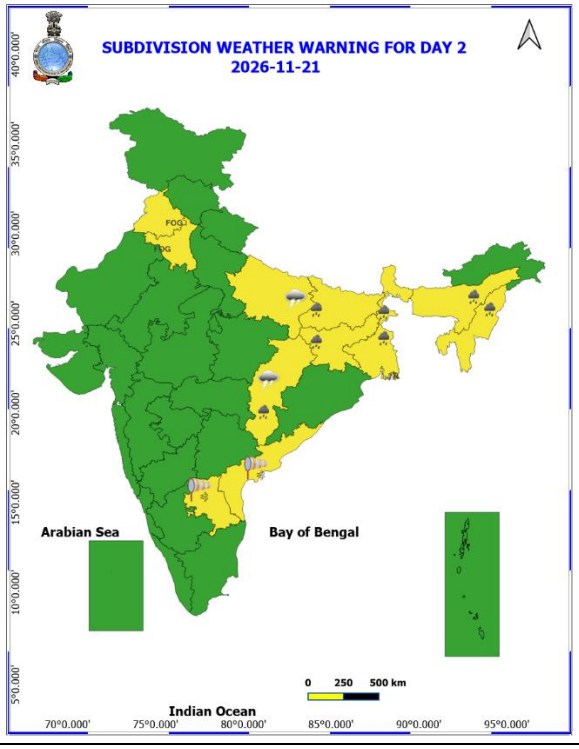
IMPACT OVER THE SEA

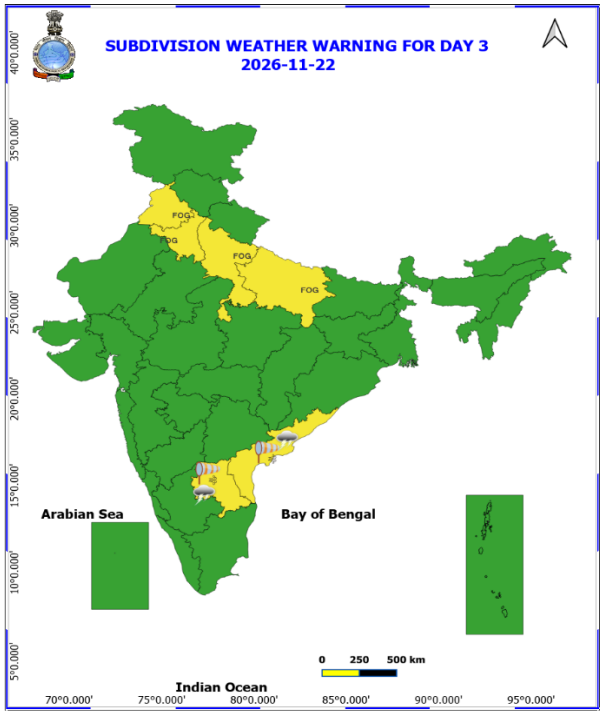
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

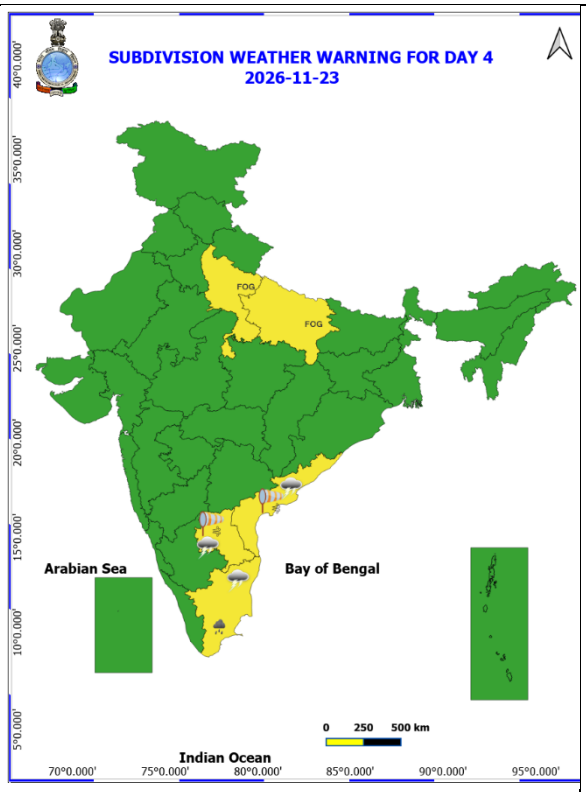
Weather Warning Graphics

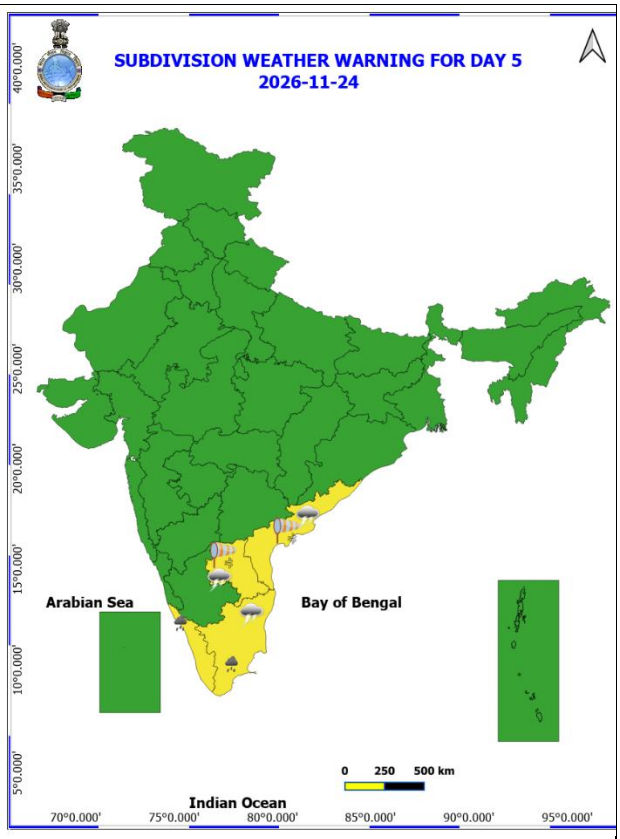


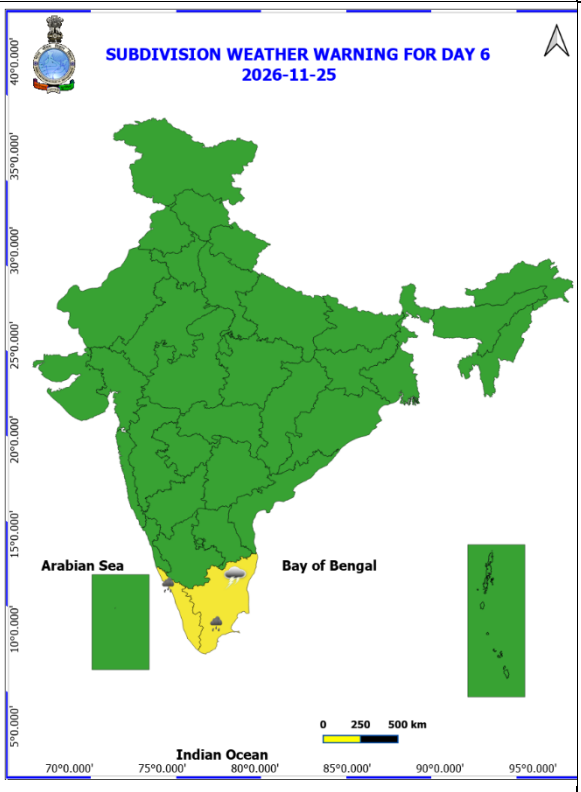


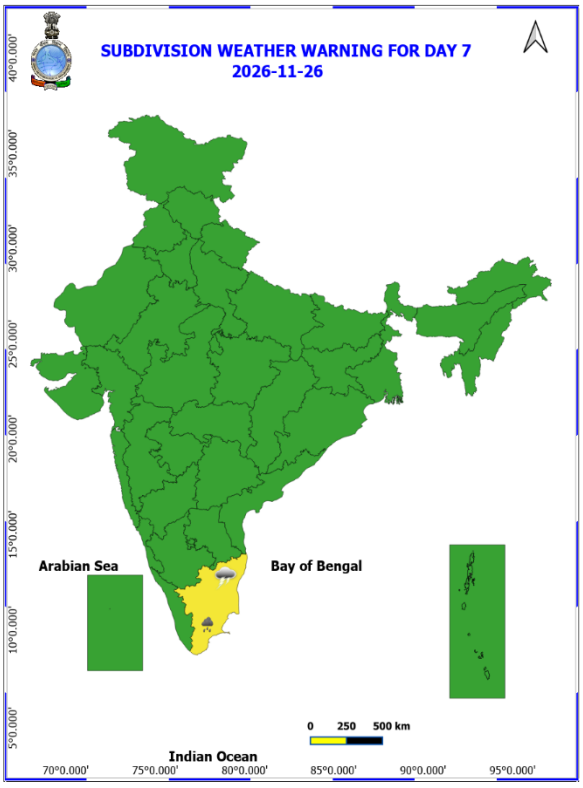




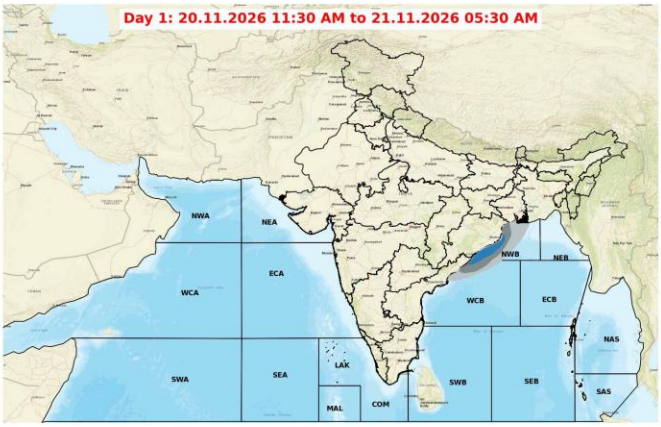

SUBDIVISION WEATHER WARNING FOR DAY 4
2026-11-23
FOG
FOG
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

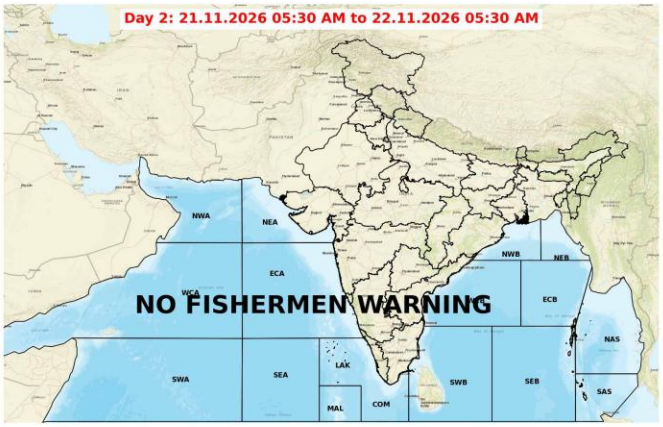

SUBDIVISION WEATHER WARNING FOR DAY 5
2026-11-24
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

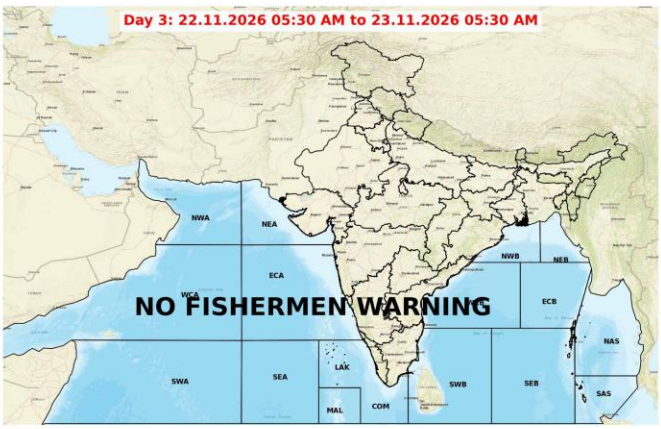

SUBDIVISION WEATHER WARNING FOR DAY 6
2026-11-25
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

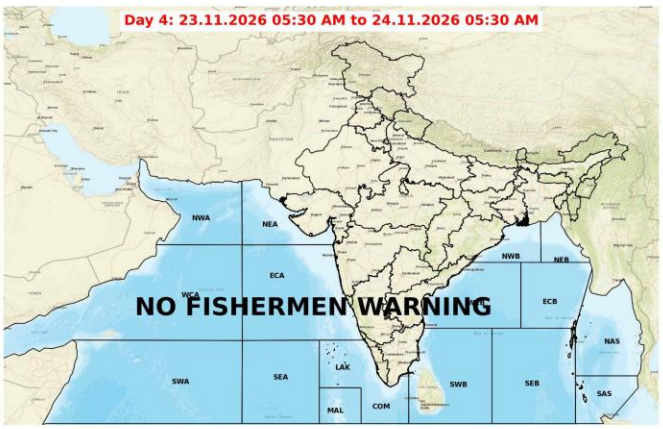

SUBDIVISION WEATHER WARNING FOR DAY 7
2026-11-26
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

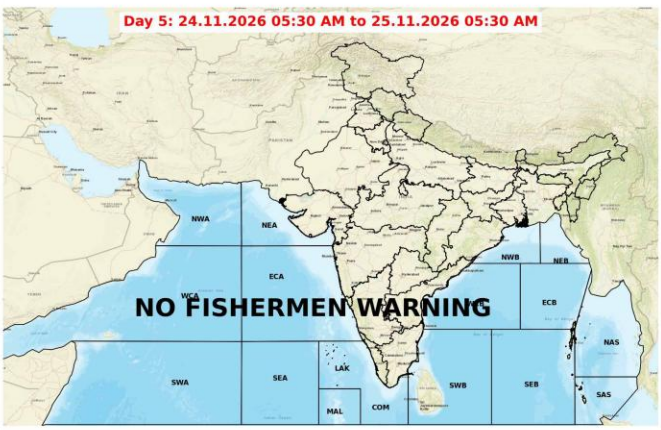
Fishermen Warning Graphics











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.