India Meteorological Department
(Ministry of Earth Sciences)

NATIONAL BULLETIN NO. 31 (BOB/10/2026)

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FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

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Sub: Severe Cyclonic Storm "Akvan" [Pronunciation: Akvan] over westcentral Bay of Bengal [Cyclone Warning for North Andhra Pradesh & Yanam and South Odisha coasts—Red Message]

The Severe Cyclonic Storm "Akvan" [Pronunciation: Akvan] over the westcentral Bay of Bengal moved northwards with the speed of 17 kmph during past 06 hours and lay centered at 1130 hours IST of today, the 19th November, 2026 over the same region, near Latitude 15.4°N and Longitude 85.2°E, about 390 km east-southeast of Narsapur (Andhra Pradesh), 350 km south-southeast of Kalingapatnam (Andhra Pradesh), 430 km south of Gopalpur (Odisha) and 490 km south of Puri (Odisha) and 600 km east-northeast of Chennai (Tamil Nadu).

It is likely to move north-northwestward and cross North Andhra Pradesh & Yanam and South Odisha coasts between Narsapur and Puri, close to Gopalpur, by noon of 20th November, 2026 with the maximum sustained wind speed of 90-100 kmph gusting to 110 kmph.

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
19.11.26/1130	15.4/85.2	90-100 gusting to 110	Severe Cyclonic Storm
19.11.26/1730	16.5/85.1	90-100 gusting to 110	Severe Cyclonic Storm
19.11.26/2330	17.5/85.0	90-100 gusting to 110	Severe Cyclonic Storm

20.11.26/0530	18.5/85.0	90-100 gusting to 110	Severe Cyclonic Storm
20.11.26/1130	19.5/85.1	75-85 gusting to 95	Cyclonic Storm
20.11.26/2330	21.5/85.2	50-60 gusting to 70	Deep Depression
21.11.26/1130	23.5/85.4	20-30 gusting to 40	Well Marked Low Pressure Area

Warnings:

(i) Rainfall Warning:

North Coastal Andhra Pradesh: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places and isolated **extremely heavy rainfall (≥21 cm)** on 19th November. It is likely to decrease become light to moderate rainfall at many places with **heavy to very rainfall** at isolated places over north coastal Andhra Pradesh on 20th November.

Odisha: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places and isolated **extremely heavy rainfall (≥21 cm)** over Odisha on 19th & 20th November**.** It is likely to decrease to light to moderate rainfall at many places with **heavy rainfall** at isolated places over North Odisha on 21st November.

Chhattisgarh: Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely over North & Central 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 19th & 20th November and **heavy rainfall** at isolated places on 21st November.

Jharkhand: Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely over South Jharkhand on 19th & 21st with **Heavy to very heavy rainfall** at isolated places on 20th November.

Bihar: Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely over southeast Bihar on 20th 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: Jagatsinghpur, Kendrapara, Bhadrak, Balasore, Mayurbhanj, Keonjhargarh and Jajpur districts

Gangetic West Bengal: East Midnapore, Howrah, North 24 Parganas, South 24 Parganas and Nadia

districts

(iii) Wind warning:

Southwest Bay of Bengal: Gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing over northern parts of southwest Bay of Bengal and likely to continue till mid night of 19th November. It will decrease gradually thereafter.

Westcentral Bay of Bengal: Gale wind speed reaching 90-100 kmph gusting to 110 kmph is prevailing and will continue till landfall on 20th noon. It will decrease gradually thereafter.

Eastcentral Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevailing and decease gradually from afternoon of 19th November.

Northwest Bay of Bengal: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing. It is likely to increase becoming Gale wind speed reaching 70-80 gusting to 90 kmph from 19th forenoon till 20th November noon and decease thereafter.

Along & off North Tamil Nadu & Puducherry coasts: Squally wind speed reaching 40-50 gusting to 60 kmph on 19th November and decease thereafter.

Along & off North Andhra Pradesh & Yanam coasts: Gale wind speed reaching 60-70 gusting to 80 kmph is likely to prevail from 19th afternoon; 90-100 gusting to 110 kmph from19th Nov mid night till landfall on 20th Nov noon and decrease gradually thereafter.

Along & off South Odisha coasts: Squally wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing and likely to increase becoming 70-80 gusting to 90 kmph from 19th midnight till 20th November

afternoon and decease thereafter.

Along & off North Odisha, South Andhra Pradesh & West Bengal coasts: Squally wind speed reaching 50-60 gusting 70 kmph from is likely to prevail from 19th Nov afternoon till 20th Nov noon and decrease thereafter.

(iv) Sea condition:

Northern parts of Southwest Bay of Bengal: Very rough to high sea condition is prevailing and it is likely to deteriorate becoming high to very high till midnight of 19th November and improve thereafter.

Westcentral Bay of Bengal: Very High Sea condition is prevailing; it is likely to continue till landfall on 20th November. It is likely to improve thereafter becoming very rough to rough by 21st November morning.

Eastcentral Bay of Bengal: Rough to very rough sea condition is likely to prevail till afternoon of 19th November and improve thereafter.

Northwest Bay of Bengal: Rough to very rough sea condition is likely to prevail till afternoon of 19th November and becoming high from 19th afternoon to 20th November noon and improve thereafter.

Along & off North Tamil Nadu & Puducherry coasts: Rough to very rough sea condition is very likely till 20th November.

Along & off North Andhra Pradesh & Yanam coasts: High Sea condition is prevailing till 19th afternoon; Becoming High to very high from 19th Nov midnight till landfall on 20th Nov Noon and improve thereafter.

Along & off South Odisha coasts: Rough to very rough sea condition is prevailing and likely to becoming high from 19th midnight till 20th November afternoon and improve thereafter.

Along & Off adjoining areas of North Odisha, South Andhra Pradesh & West Bengal coasts: Rough Sea condition is prevailing: Becoming very rough to high from 19th Nov. afternoon till landfall on 20th Nov noon and improve gradually thereafter.

(v) Storm Surge Warning:
Storm surge of 0.5 to 1.0 m height above astronomical tide is very likely to inundate low lying areas of Andhra Pradesh (**West Godavari, Konaseema, Kakinada, Vizianagaram, Srikakulam and Visakhapatnam** districts) and south coastal Odisha (**Ganjam and Puri** districts) during the time of landfall.

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

- Northern parts of Southwest Bay of Bengal till 20th November.
- Westcentral Bay of Bengal till 21st November morning.
- Eastcentral Bay of Bengal till 19th November.
- Northwest Bay of Bengal till 21st November morning.

(vii) Impact Expected & Action Suggested

(a) Damage Expected over north Coastal Andhra Pradesh & Yanam and South Odisha and Action suggested

- **Structure:**
  - Major Damage to thatched houses/huts/ kutcha houses.
  - Roof tops may blow off
  - Unattached metal sheets may fly
  - Potential threat to vulnerable structures, tin house, asbestos house.
  - Potential threat to structures from detached hoardings, uprooting of trees, breaking of branches
- **Communication and Power:**
  - Damage to power and communication poles.
  - Breaking of tree branches, uprooting of large avenue trees.

- **Agriculture:**
  - Major damage to standing and coastal crops, plantations, orchards, falling of green coconuts, tearing of palm fronds. Major damage to banana, Papaya and drumstick trees.

- Uprooting of trees and breaking of tree branches
- Damage to horticulture and standing crops.
- Damage to embankments/ salt pans.

• **Marine interest:**
- Very high Sea with wave height of 9-14 metre from 19th November becoming phenomenal with wave height > 14 metre from 19th November night till landfall. Visibility severely affected
- Movement in boats/ships unsafe

• **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:
  - Southeast Bay of Bengal from till 18th November.
  - Southwest Bay of Bengal till 20th November.
  - Westcentral Bay of Bengal till 21st November.
  - Eastcentral Bay of Bengal till 18th November.
  - Northwest Bay of Bengal during 19th – 21st November.
- 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, 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.

(b) Damage Expected over adjoining areas of north Coastal Andhra Pradesh, Odisha, Gangetic West Bengal, South Jharkhand and North & Central Chhattisgarh and Action suggested

• **Structure:**
- Damage to thatched houses/ kutcha houses.
- Potential threat to vulnerable structures, tin house, asbestos house.

• **Agriculture:**
- Damage to standing crops, plantations, orchards, falling of green coconuts, tearing of palm fronds. Major damage to banana, Papaya and drumstick trees.
- Breaking of tree branches
- Damage to horticulture and standing crops and coastal crops.

• **Marine interest:** Very rough seas. Sea waves about 4-6 m high. Visibility severely affected

• **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 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.

(viii) Realized weather during 0830 hrs IST of yesterday, the 18th November to 0830 hrs IST of today, the 19th November 2026

Odisha: Light to moderate rainfall occurred at many places and wind speed of 20-40 kmph occurred over coastal Odisha

Rainfall (cm): Pattamundai (Kendrapara) 3, Paradeep (Jagatsinghpur) 2, Gop (Puri) 2, Balikuda (Jagatsinghpur) 2, Puri (Puri) 2, Kakatpur (Puri) 2, Naugaon (Jagatsinghpur) 1, Garadapur (Kendrapara) 1, Jagatsinghpur (Jagatsinghpur) 1, Mohakalapada (Kendrapara) 1, Kujanga (Jagatsinghpur) 1, Astaranga (Puri) 1, Rajghat (Balasore) 1, Bhograi (Balasore) 1

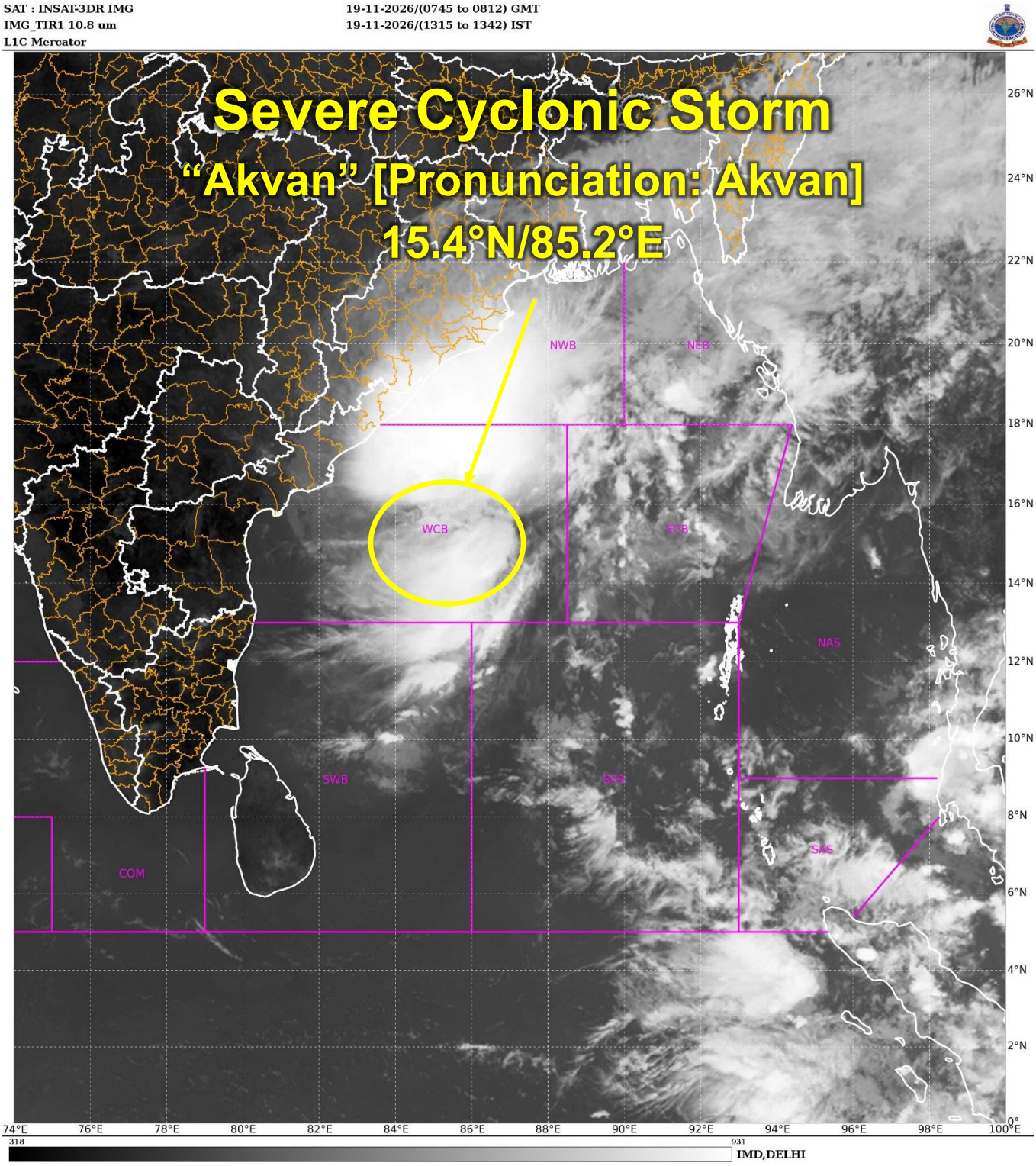
Wind: Puri (1723 IST) 22 kt (40.7 kmph) - 18.11.2026
Bhubaneswar (0952 IST) 17.1 kt (31.7 kmph) - 18.11.2026
Paradeep (1033 IST) 15.3 kt (28.3 kmph) - 18.11.2026
Balasore (1114 IST) 12.9 kt (23.9 kmph) - 18.11.2026
Gopalpur (1911 IST) 21.2 kt(39.26 kmph-18.11.2026

Next Message will be issued at 1730 hours IST of today, the 19th November, 2026.

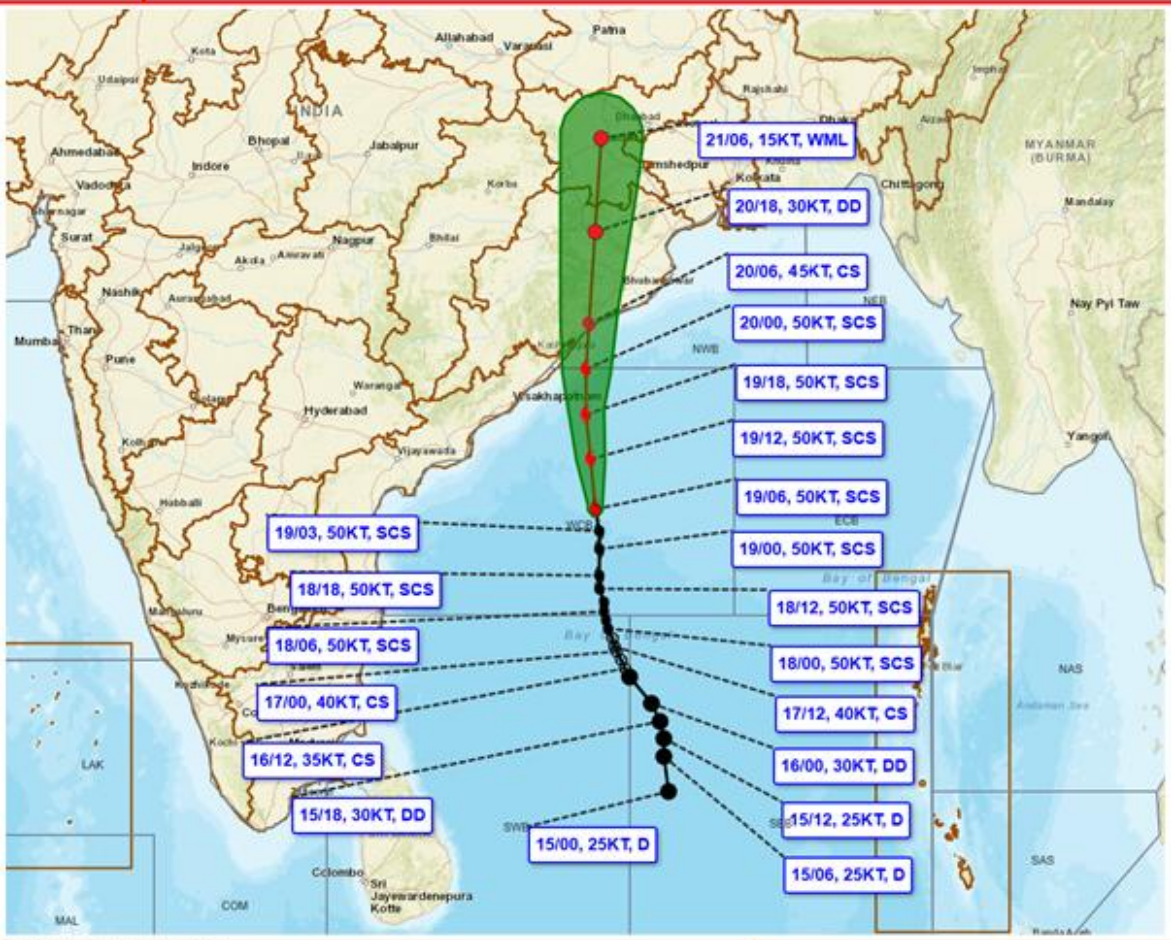
(A. Dharam Raju)

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
19-11-2026/(0745 to 0812) GMT
19-11-2026/(1315 to 1342) IST
Severe Cyclonic Storm
"Akvan" [Pronunciation: Akvan]
15.4°N/85.2°E
NWB
NEB
WCB
ECB
NAS
SWB
SEB
SAS
COM
26°N
24°N
22°N
20°N
18°N
16°N
14°N
12°N
10°N
8°N
6°N
4°N
2°N
0°
74°E
76°E
78°E
80°E
82°E
84°E
86°E
88°E
90°E
92°E
94°E
96°E
98°E
100°E
318
931
IMD,DELHI

OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM "AKVAN" OVER WESTCENTRAL BAY OF BENGAL BASED ON 0600 UTC (1130 Hrs. IST) OF 19TH NOVEMBER 2026



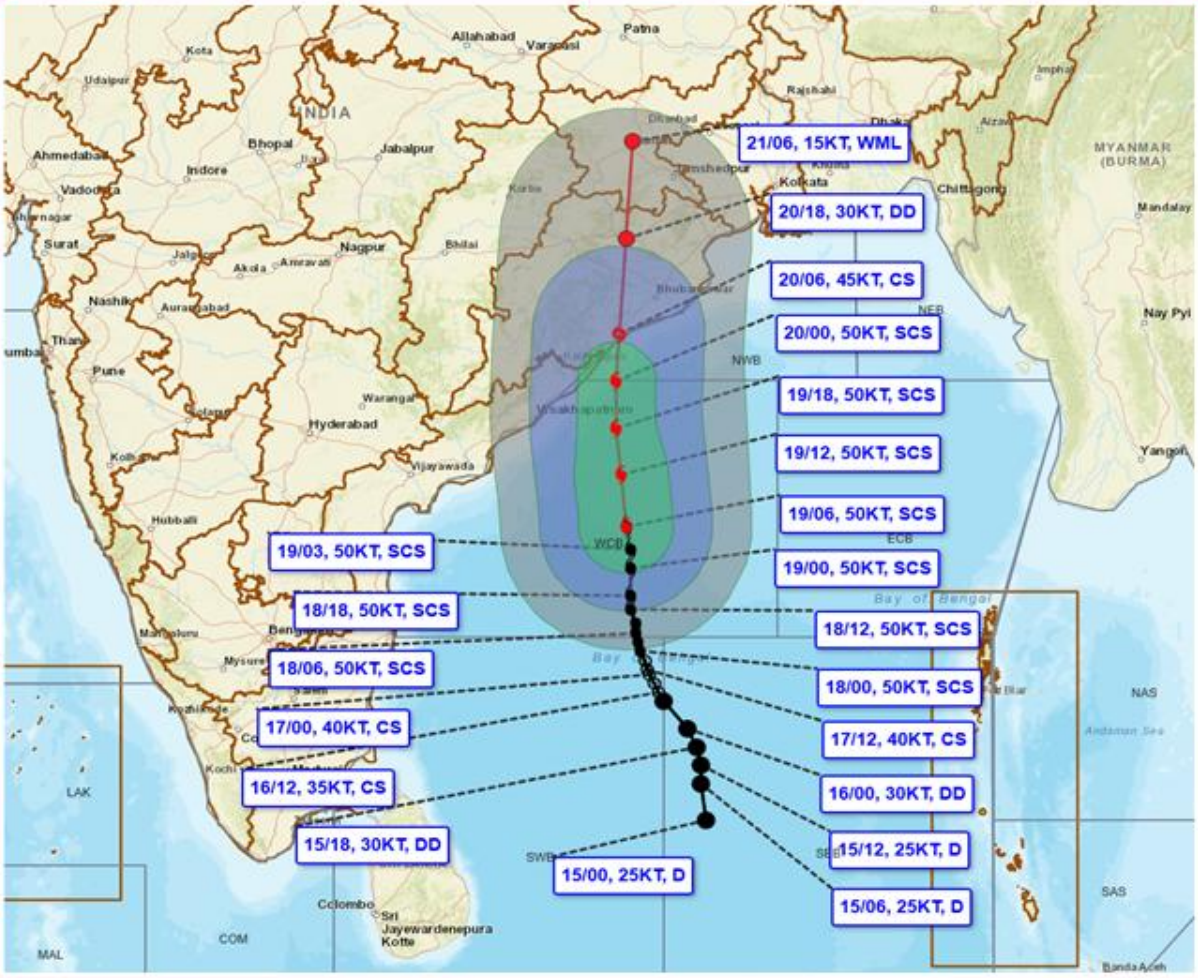
DATE/TIME IN UTC
IST= UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63 KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

				Forecast distance (km) and direction of the centre from nearest 5 stations				
Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
19.11.2026 06:00 UTC	0	15.4	85.2	KALINGAPATAM (350, SSE)	NARSAPUR (390, ESE)	GOPALPUR (430, S)	PURI (490, S)	CHENNAI (600, ENE)

FORECAST TRACK ALONG WITH QUADRANT WIND DISTRIBUTION OF SEVERE CYCLONIC STORM "AKVAN" OVER WESTCENTRAL BAY OF BENGAL BASED ON 0600 UTC (1130 Hrs. IST) OF 19TH 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

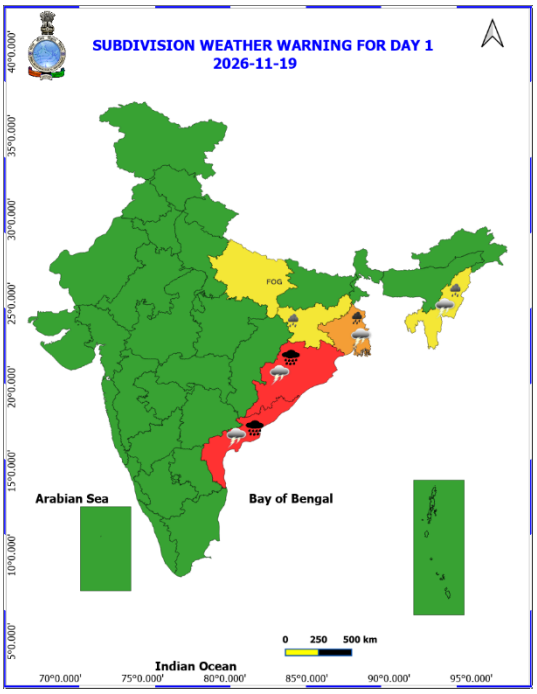
LESS THAN 34 KT
34-47 KT
≥ 48 KT
OBSERVED TRACK
FORECAST TRACK
CONE OF UNCERTAINTY

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)

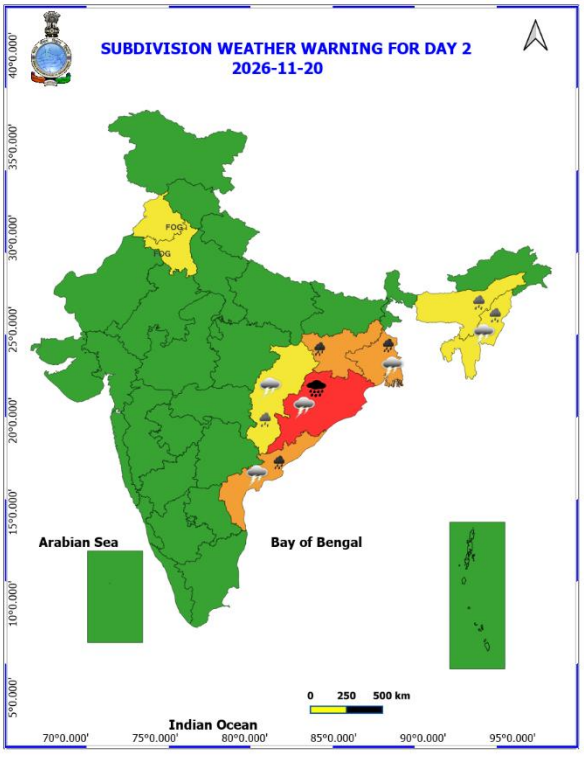
IMPACT OVER THE SEA

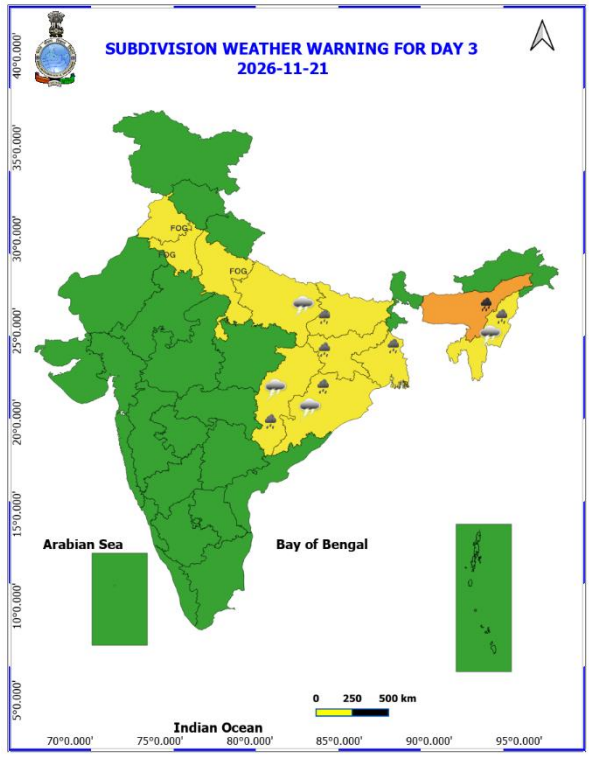
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

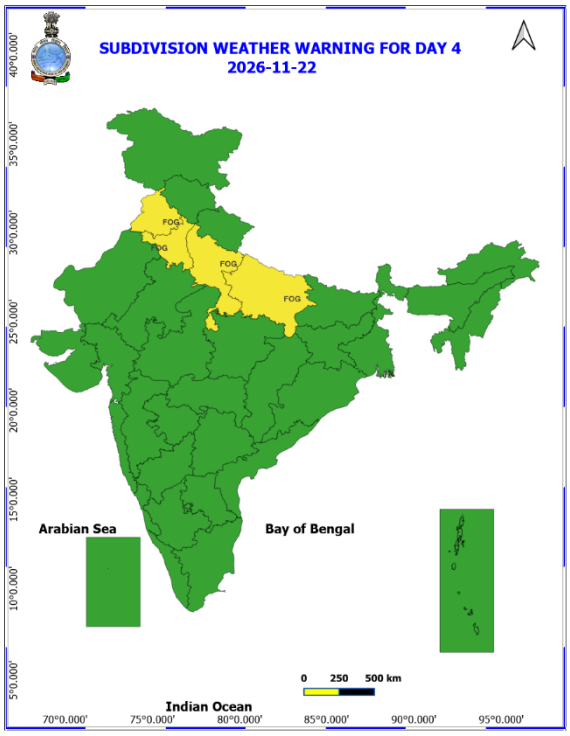
Weather Warning Graphics

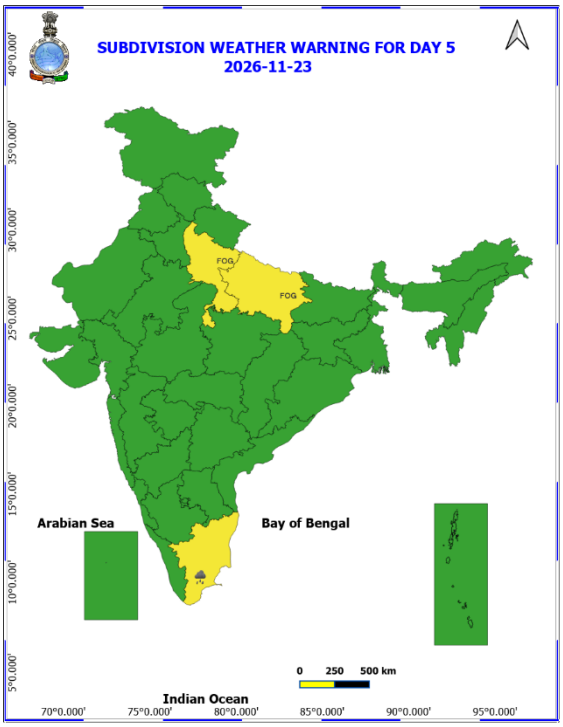


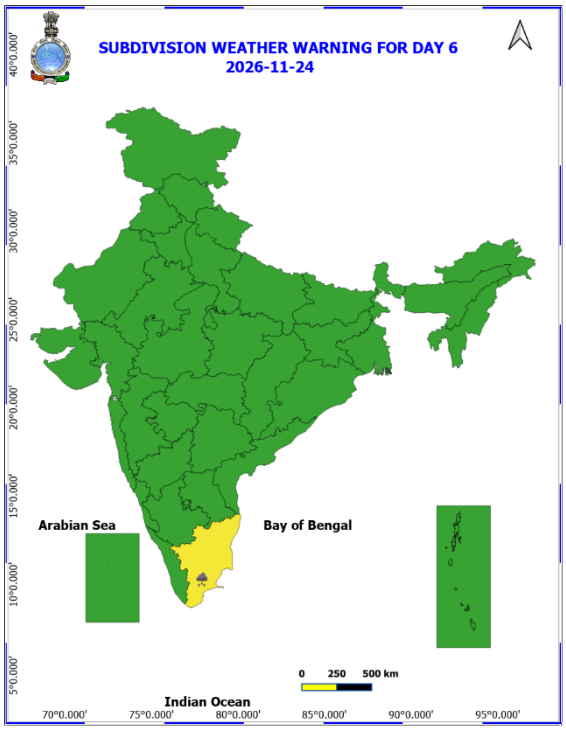


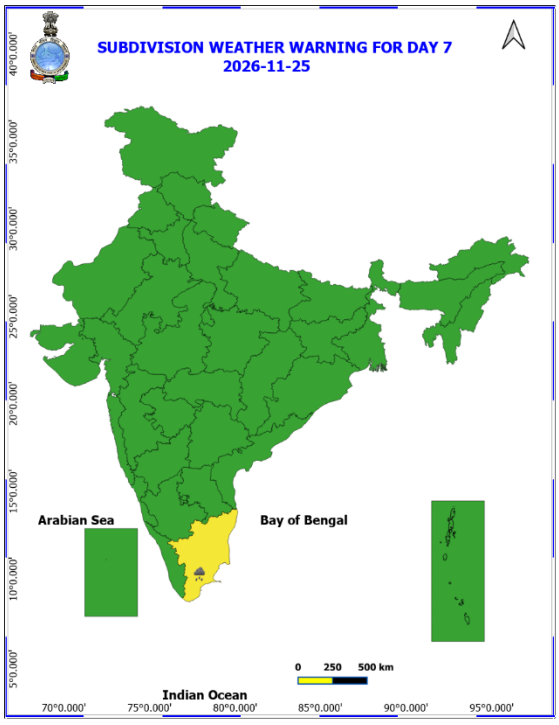





SUBDIVISION WEATHER WARNING FOR DAY 4
2026-11-22
FOG
FOG
FOG
FOG
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

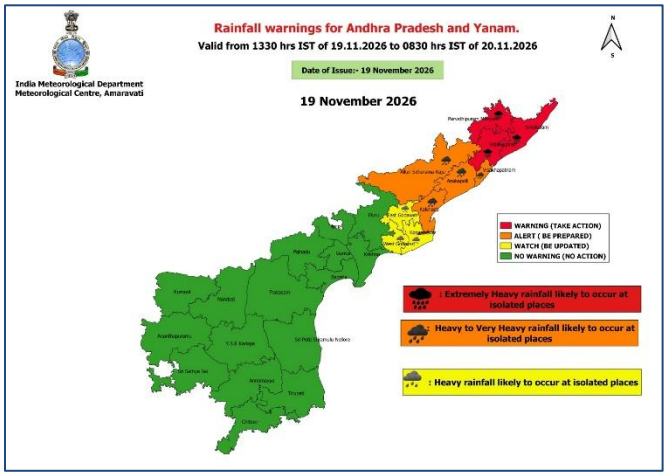

SUBDIVISION WEATHER WARNING FOR DAY 5
2026-11-23
FOG
FOG
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

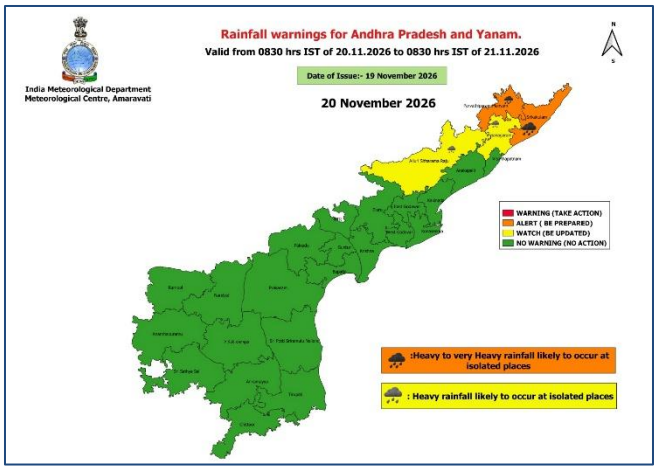

SUBDIVISION WEATHER WARNING FOR DAY 6
2026-11-24
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000'
35°0.000'
30°0.000'
25°0.000'
20°0.000'
15°0.000'
10°0.000'
5°0.000'
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'


SUBDIVISION WEATHER WARNING FOR DAY 7
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'

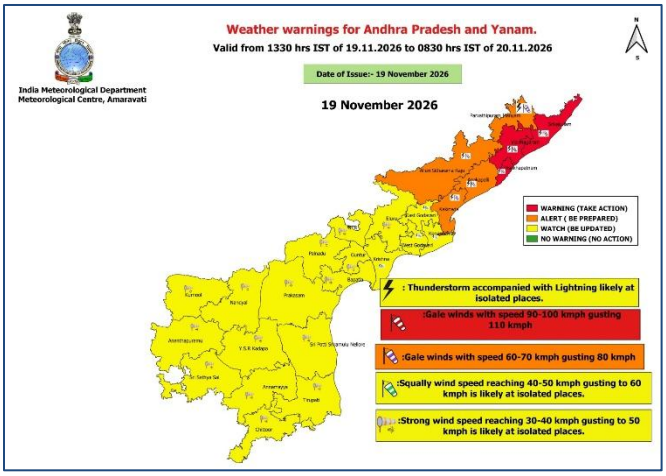
District-wise Weather Warning Maps

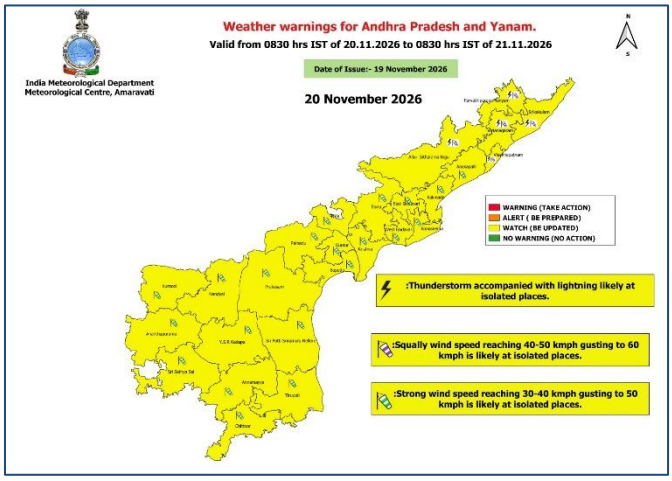
Andhra Pradesh Rainfall Warnings



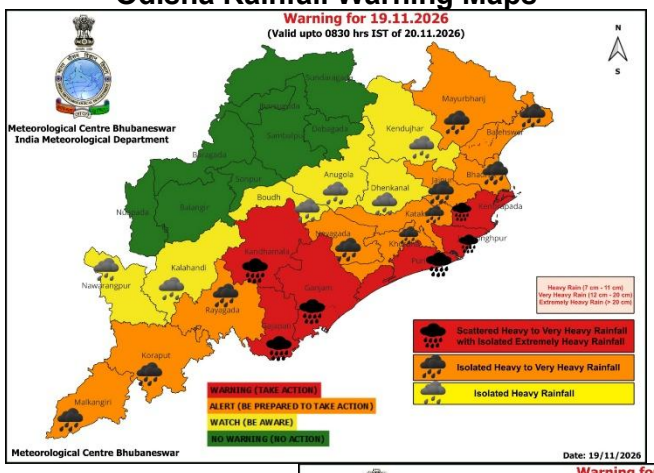


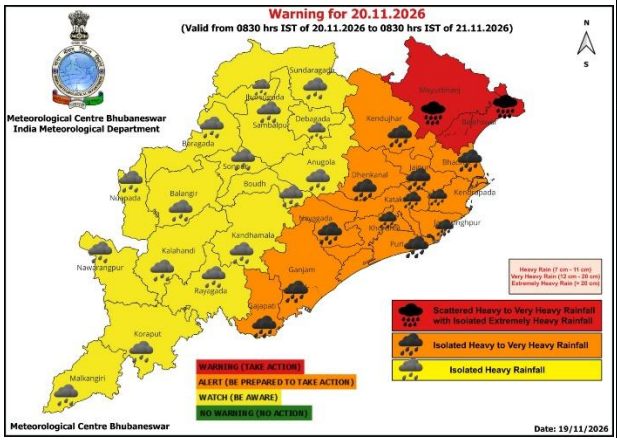
Andhra Pradesh wind warnings

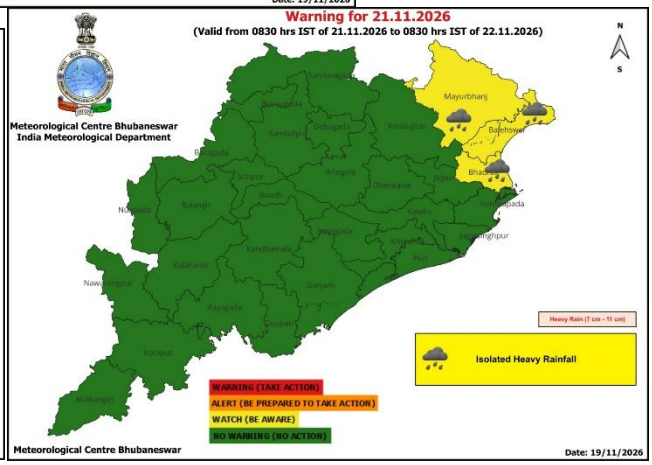




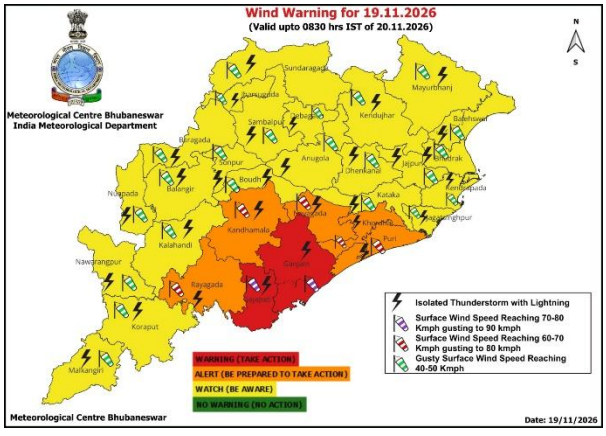
Odisha Rainfall Warning Maps

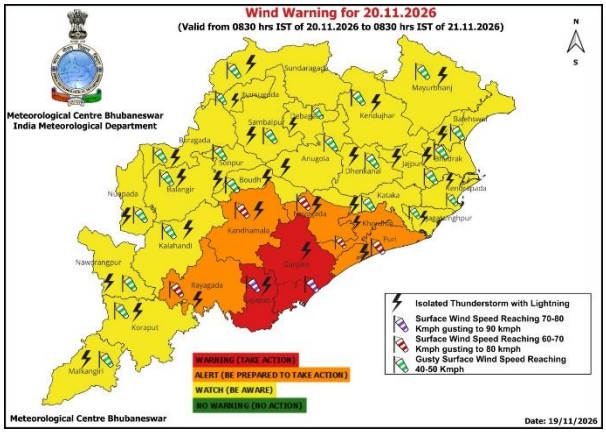




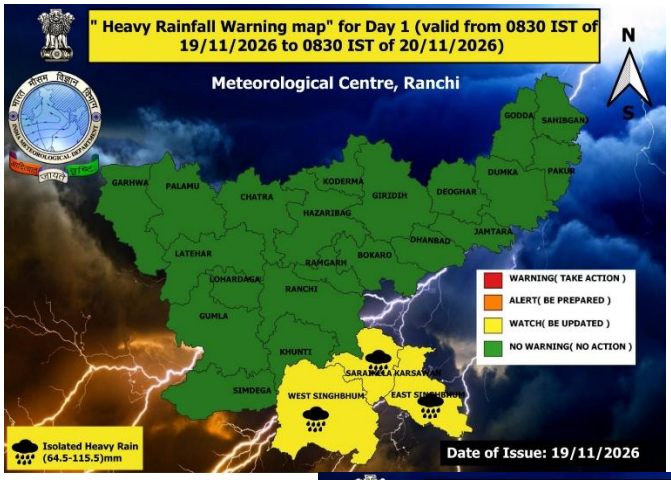


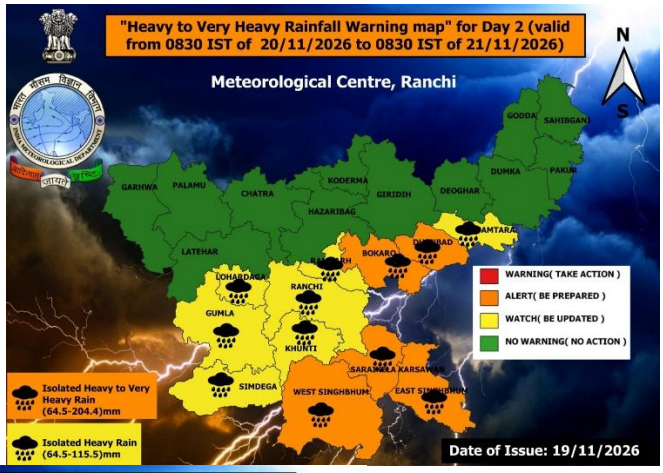
Odisha Wind Warning Maps

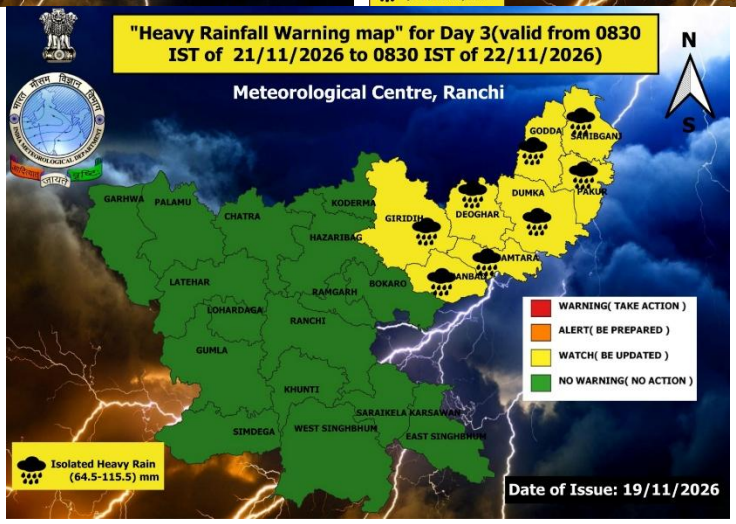




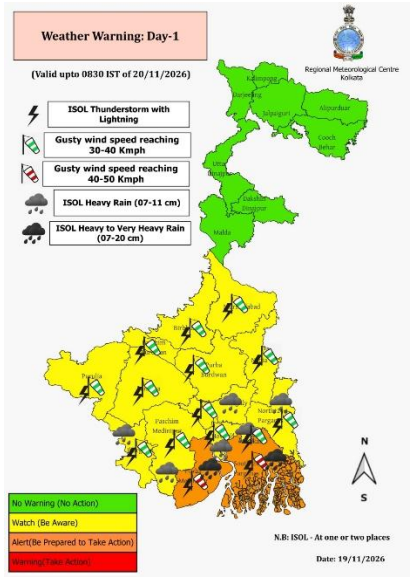
Jharkhand Rainfall Warnings

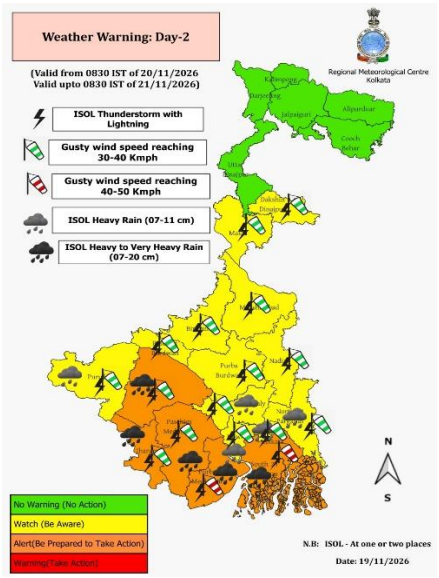


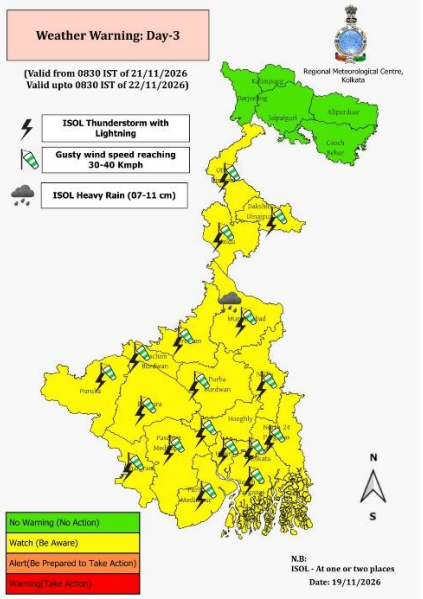




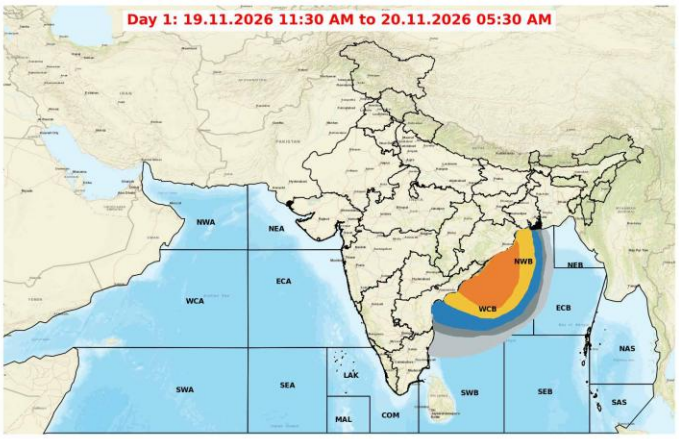
West Bengal Rainfall Warnings

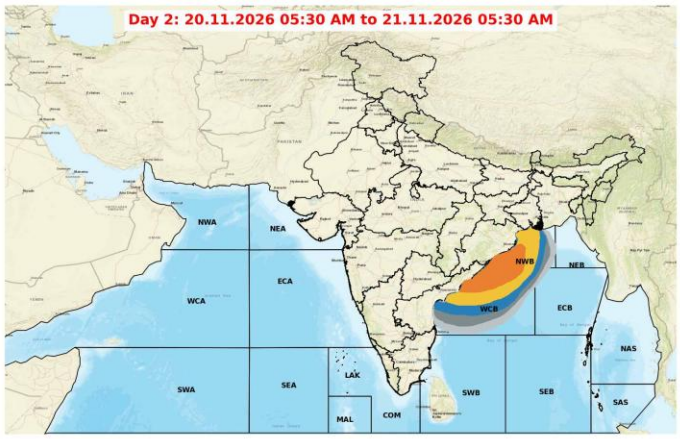


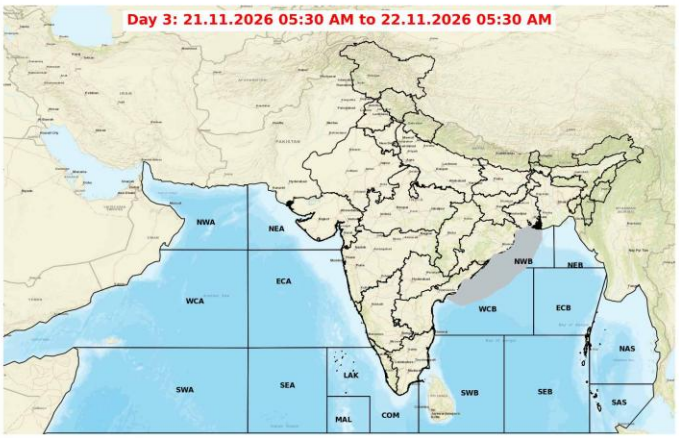


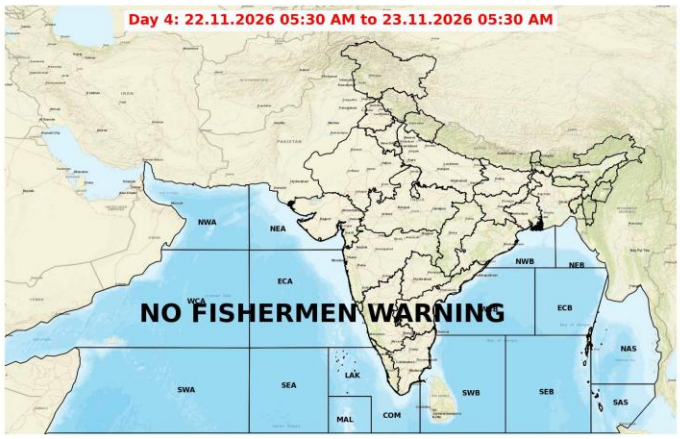


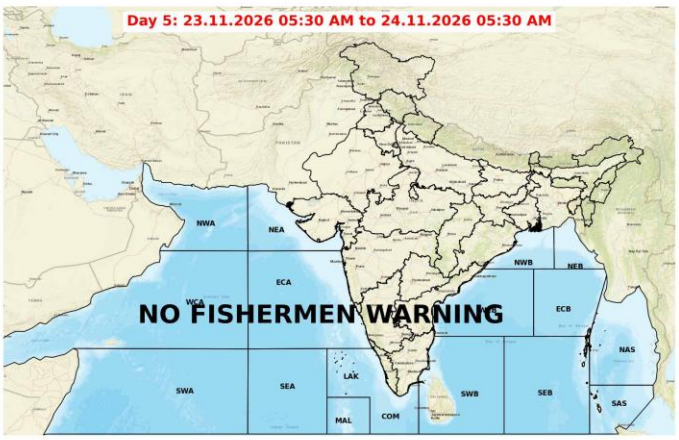
Fishermen Warning Graphics









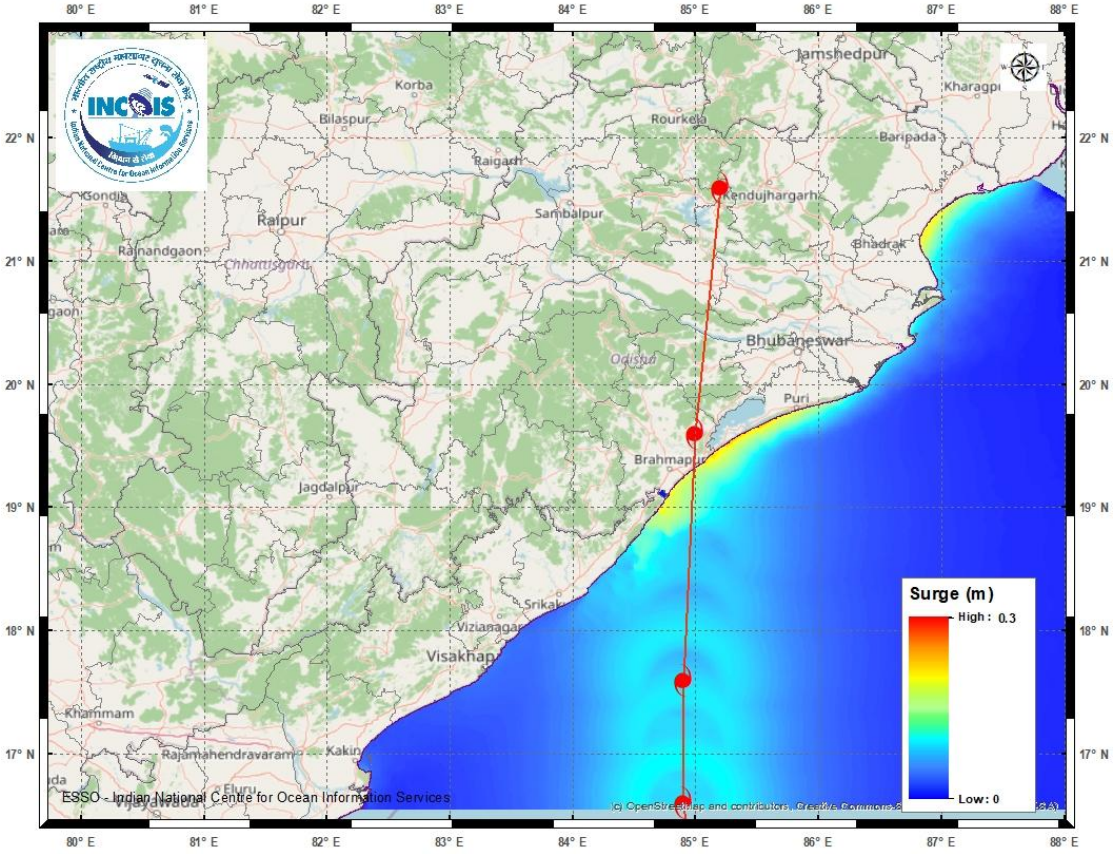


Legend

- 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.

Storm Surge Map



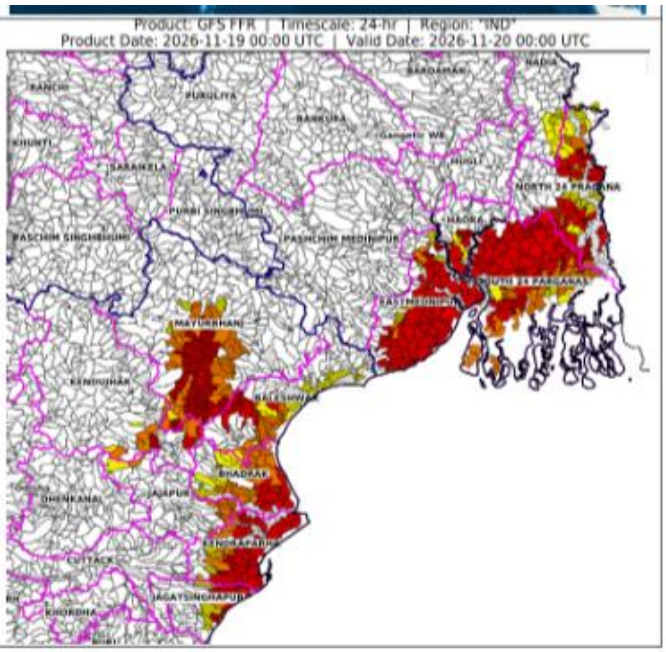
Flash Flood Risk (FFR) till 1130 IST of 20-11-2026:

Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Odisha: Jagatsinghpur, Kendrapara, Bhadrak, Balasore, Mayurbhanj, Keonjhargarh and Jajpur districts

Gangetic West Bengal: East Midnapore, Howrah, North 24 Parganas, South 24 Parganas and Nadia districts

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



River Subbasin wise Quantitative Precipitation Forecast

River Sub-basin-wise Quantitative Precipitation Forecast

S. No.	Basin Name	Sub-basin Name	QPF (mm)						
			Day-1 (19.11.26)	Day-2 (20.11.26)	Day-3 (21.11.26)	Day-4 (22.11.26)	Day-5 (23.11.26)	Day-6 (24.11.26)	Day-7 (25.11.26)
1	BAITRANI	BT	26-37	11-25	0.1-10	0	0	0	0
2	BHURABALANG	BB	38-50	38-50	0.1-10	0.1-10	0.1-10	0	0
3	LOWER BRAHMANI	LB	26-37	11-25	0.1-10	0	0	0	0
4	LOWER MAHANADI	LM	38-50	11-25	0.1-10	0	0	0	0
5	NAGAVALI	NV	51-75	11-25	0.1-10	0	0	0	0
6	RUSHIKULIYA	RK	76-100	11-25	0.1-10	0	0	0	0
7	SABARI	SB	26-37	11-25	0.1-10	0	0	0	0
8	SUBERNAREKHA	SR	26-37	38-50	0.1-10	0.1-10	0.1-10	0	0
9	UPPER BRAHMANI	UB	0.1-10	11-25	0.1-10	0	0	0	0
10	VAMSDHARA	VD	51-75	11-25	0.1-10	0	0	0	0
11	UPPER MAHANADI	UM	0.1-10	11-25	0.1-10	0	0	0	0