Contact details:

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BULLETIN NO.	:	**BOB/10/2026**
CYCLONE / DISTURBANCE NAME	:	AKVAN
ISSUED ON	:	19 NOVEMBER 2026 / 2030
BASED ON	:	1730 IST
CURRENT LOCATION OF CYCLONIC DISTURBANCE	:	latitude 16.1°N and longitude 85.2°E
GEOGRAPHIC REFERENCE	:	latitude 16.1°N and longitude 85.2°E
CENTRAL PRESSURE	:	998 HPA
DIRECTION AND SPEED OF MOVEMENT DURING PAST 6 HOURS	:	moved northwards with a speed of 13 kmph during past 6 hours
SYNOPSIS	:	The Severe Cyclonic Storm "AKVAN" [pronounced as Akvan] over the Westcentral Bay of Bengal moved northwards with a speed of 13 kmph during past 6 hours, and lay centered at 1730 IST of today, the 19th November 2026 over the same region near latitude 16.1°N and longitude 85.2°E about 270 km south-southeast of Kalingapatam (43105, India), 350 km south of Gopalpur (43049, India), 370 km east of Narsapur (43187, India), 410 km south of Puri (43053, India), 630 km east-northeast of Chennai/minambakkam (43279, India). It is likely to move northwards over Westcentral Bay of Bengal by night of 19th November 2026. It will weaken into a Cyclonic Storm over Northwest Bay of Bengal by forenoon of 20th November 2026. It will cross South Odisha coast between Phulbani (42966, India) and Puri (43053, India) during forenoon of 20th November 2026 and afternoon of 20th November 2026 as Deep Depression with a wind speed of 80 - 90 kmph gusting to 100 kmph. Next, It will weaken into a Deep Depression over Odisha by evening of 20th November 2026. After that, It will weaken into a Well Marked Low Pressure Area over Jharkhand by early morning of 21st November 2026. The minimum distance of the centre of the cyclone from North Andhra coast is about 160 km.

Table 1: General forecast in association with cyclonic disturbance over the Bay of Bengal based on 1730 hrs IST of 19th November,2026

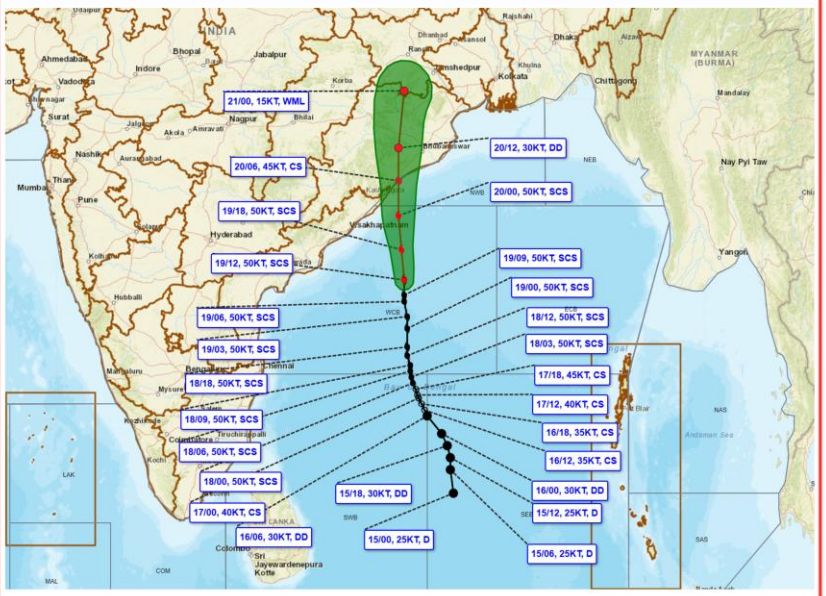
FORECAST HOUR	DATE/ TIME (IST)	POSITION		FORECAST INTENSITY CATEGORY	FORECAST MOVEMENT		FORECAST WIND(KT)		UNCERTAINTY IN FORECAST		SIGNIFICANT WAVE HEIGHT(M)	STATE OF SEA
		LAT (°N)	LONG (°E)		SPEED (KMPH)	DIRECTION	MSW	GUST	PATH (NM)	INTENSITY (KT)		
0	19.11.26/1200	16.1	85.2	SCS			50	60	10	10	9-14	Very High
6	19.11.26/1800	17.1	85.1	SCS	19	N	50	60	20	10	9-14	Very High
12	20.11.26/0000	18.2	85.0	SCS	21	N	50	60	30	10	9-14	Very High
18	20.11.26/0600	19.3	85.0	CS	21	N	45	55	40	10	6-9	Very High
24	20.11.26/1200	20.4	85.0	DD	21	N	30	40	45	5	4-6	Very Rough
36	21.11.26/0000	22.2	85.2	WML	17	N	15	25	55			Slight

Table 2: Wind forecast with radii of influence in association with cyclonic disturbance over the Bay of Bengal based on 1730 hrs IST of 19th November,2026

FORECAST HOUR	DATE/ TIME (IST)	POSITION		FORECAST INTENSITY CATEGORY	WIND(KT)		RADII OF INFLUENCE (NM)															
							R28				R34				R50				R64			
		LAT (°N)	LONG (°E)		MSW	GUST	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE
0	19.11.26/1200	16.1	85.2	SCS	50	60	140	160	140	160	100	110	95	105	60	65	50	50				
6	19.11.26/1800	17.1	85.1	SCS	50	60	140	160	140	160	100	110	95	105	50	65	45	50				
12	20.11.26/0000	18.2	85.0	SCS	50	60	140	160	140	160	100	110	95	105	25	60	35	50				
18	20.11.26/0600	19.3	85.0	CS	45	55	140	160	140	160	100	110	95	105								
24	20.11.26/1200	20.4	85.0	DD	30	40	140	160	140	160												
36	21.11.26/0000	22.2	85.2	WML	15	25																

Forecast Track Graphics

OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM "AKVAN" OVER WESTCENTRAL BAY OF BENGAL BASED ON 1200 UTC (1730 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)

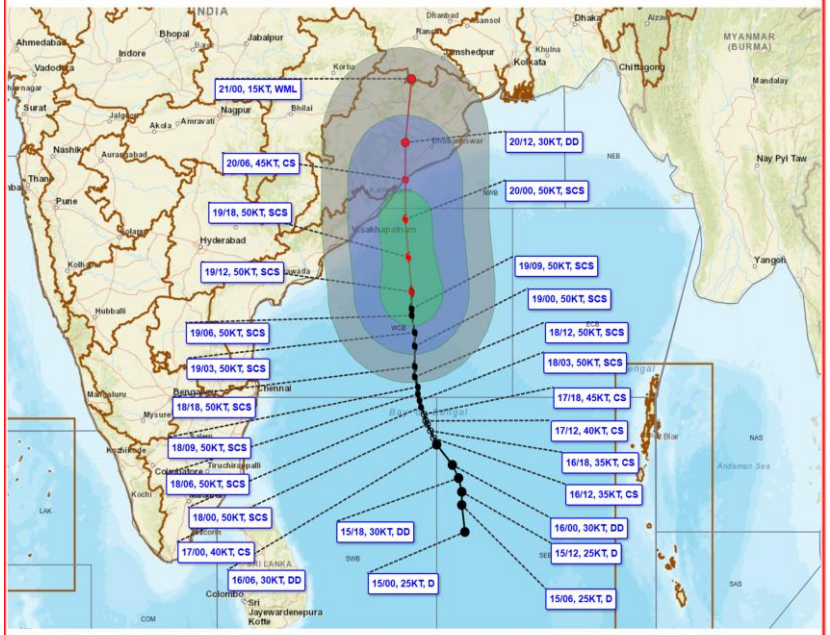
- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

Very Severe Cyclonic storm

				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 12:00 UTC	0	16.1	85.2	KALINGAPATAM (270, SSE)	GOPALPUR (350, S)	NARSAPUR (380, E)	PURI (420, S)	CHENNAI/MINAMBAKKAM (640, ENE)

Quadrant Wind Graphics

FORECAST TRACK ALONG WITH QUADRANT WIND DISTRIBUTION OF SEVERE CYCLONIC STORM "AKVAN" OVER WESTCENTRAL BAY OF BENGAL BASED ON 1200 UTC (1730 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

LOCATIONS LESS THAN 10 KM FROM COAST

TABLE 4: CYCLONIC DISTURBANCE FORECAST FOR MAJOR REFINERIES IN BAY OF BENGAL REGION BASED ON 1730 hrs IST of 19th November,2026																		
SI	DESCRIPTION OF REFINERY NAME(LAT^{0}N /LON^{0}E)	LOCATION (LAT^{0}N/LON^{0}E)	CURRENT LOCATION FROM CENTRE OF CYCLONIC DISTURABANCE		FORECAST PARAMETERS WHEN THE REFINERY WOULD BE NEAREST TO THE CYCLONE PATH													
			DISTANCE (NM)	DIRECTION	DATE/ TIME(IST) OF OCCURRENCE	DISTANCE OF REFINERY FROM PATH	DIRECTION OF REFINERY FROM PATH	UNCERTAINTY IN DISTANCE OVER PATH(NM)	MSW OVER REFINERY(KTS)	UNCERTAINTY IN MSW OVER REFINERY(KT)	HEAVY RAINFALL					SIGNIFICANT WAVE HEIGHT	STATE OF SEA NEAR REFINERY COAST
											D1	D2	D3	D4	D5		
West Bengal																	
1.	Haldia Refinery (IOCL) (22.03,88.11)	16.1/85.2	393	NNE	21.11.26/ 0530	162	E	55	<27	5	Nil	Nil	Nil	Nil	Nil	2.5-4.0	Rough
Odisha																	
2.	Paradip Refinery (IOCL) (20.28,86.67)	16.1/85.2	265	NNE	20.11.26/ 1730	94	E	45	33	5	Nil	Nil	Nil	Nil	Nil	4-6	Very Rough
Andhra Pradesh																	
3.	Visakhapatnam Refinery (HPCL) (17.7,83.28)	16.1/85.2	147	NW	20.11.26/ 0230	102	W	20	33	5	Nil	Nil	Nil	Nil	Nil	4-6	Very Rough
Tamil Nadu																	
4.	Chennai Petroleum Corporation Limited - Manali (CPCL) (13.17,80.26)	16.1/85.2	337	WSW	19.11.26/ 1730	337	WSW	10	<27	5	Nil	Nil	Nil	Nil	Nil	2.5-4.0	Rough
5.	Cauvery Basin Refinery - Nagapattinam (CPCL) (10.82,79.84)	16.1/85.2	446	SW	19.11.26/ 1730	446	SW	10	<27	5	Nil	Nil	Nil	Nil	H	2.5-4.0	Rough

LOCATIONS 10 KM OR MORE FROM COAST

TABLE 4: CYCLONIC DISTURBANCE FORECAST FOR MAJOR REFINERIES IN BAY OF BENGAL REGION BASED ON 1730 hrs IST of 19th November,2026

SI	DESCRIPTION OF REFINERY NAME(LAT^{0}N /LON^{0}E)	LOCATION (LAT^{0}N/LON^{0}E)	CURRENT LOCATION FROM CENTRE OF CYCLONIC DISTURABANCE		FORECAST PARAMETERS WHEN THE REFINERY WOULD BE NEAREST TO THE CYCLONE PATH										
			DISTANCE (NM)	DIRECTION	DATE/ TIME(IST) OF OCCURRENCE	DISTANCE OF REFINERY FROM PATH	DIRECTION OF REFINERY FROM PATH	UNCERTAINTY IN DISTANCE OVER PATH(NM)	MSW OVER REFINERY(KTS)	UNCERTAINTY IN MSW OVER REFINERY(KT)	HEAVY RAINFALL				
											D1	D2	D3	D4	D5
Andhra Pradesh															
1.	Tatipaka Refinery (ONGC) (16.49,81.87)	16.1/85.2	193	W	19.11.26/ 2030	189	W	10	<27	5	Nil	Nil	Nil	Nil	Nil

Multi-hazard early warning matrix:

Distance of nearest forecast location	Maximum sustained wind over REFINERY		Heavy rainfall	Storm Surge
	20-33 kt	≥ 34 kt		
< 275 km	Alert(Be Prepared)	Warning(Take Action)	Extremely Heavy(Take Action)	>1.0 m(Take Action)
275-500 km	Watch(Be Aware)	Alert(Be Prepared)	Very Heavy(Be Prepared)	0.5-1.0 m(Be Prepared)
> 501-700 km	Watch(Be Aware)	Watch(Be Aware)	Heavy(Be Aware)	<0.5 m(Be Aware)
> 700 km	No Warning(No Action)	No Warning(No Action)	No Warning(No Action)	No Warning(No Action)
Highest colour based on wind, heavy rainfall and storm surge will be the colour of multi-hazard early warning of cyclone				

Heavy Rainfall Legends:

LEGEND	MEANING
D1	Day1
D2	Day2
D3	Day3
D4	Day4
D5	Day5
H	Heavy Rainfall
VH	Very Heavy Rainfall
EH	Extremely Heavy Rainfall