# India Meteorological Department
# (Ministry of Earth Sciences)

HOURLY UPDATE ON

## Cyclonic Storm "**Akvan**" [Pronunciation: Akvan]

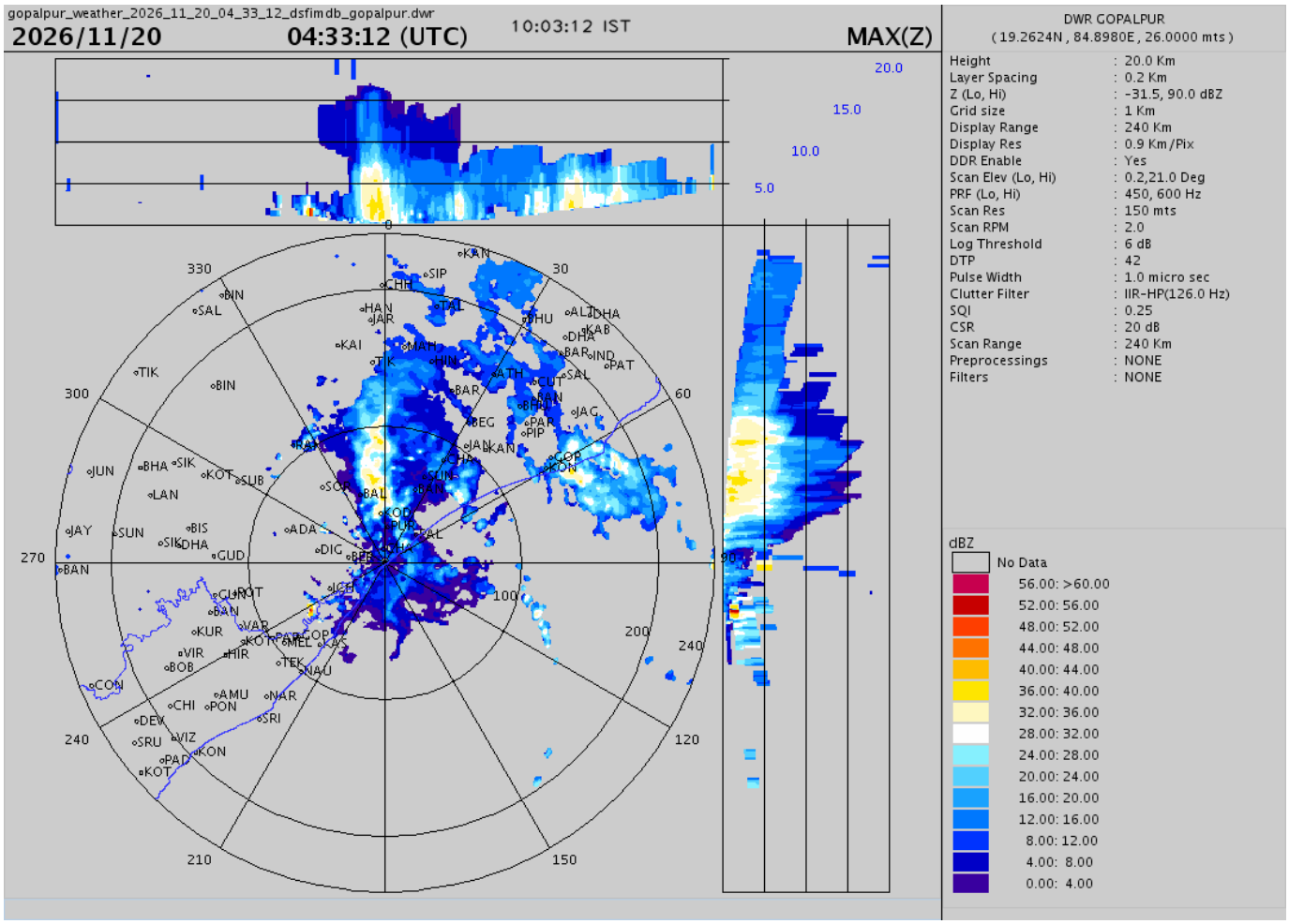
### BULLETIN NO. 11

DATE: 20-11-2026 TIME OF ISSUE: 1020 HRS IST

| DATE/TIME (IST) OF OBSERVATION | BASED ON 20-11-2026 (0930 HRS IST) | |
|---|---|---|
| CURRENT LOCATION (LATITUDE/LONGITUDE) | South coastal Odisha and adjoining north coastal Andhra Pradesh (**Latitude 19.30°N And Longitude 84.90°E)**<br>• **Close to GOPALPUR (Odisha)**<br>• 110 km west-southwest of PURI (Odisha)<br>• 130 km northeast of KALINGAPATNAM (Andhra Pradesh) | |
| CURRENT INTENSITY NEAR CENTRE | • **60-70 kmph gusting to 80 kmph along and off south Odisha coasts & north Andhra Pradesh.** | |
| PAST MOVEMENT | Moved North-northwestwards with a speed of 24 kmph during past 06 hrs | |
| LANDFALL | • **The cyclonic storm "Akvan" crossed the South coastal Odisha & North Andhra Pradesh close to Gopalpur (near latitude 19.1°N & longitude 84.8°E) with wind speed of 70-80 kmph gusting to 90 kmph during 0730-0830 IST.**<br>• **The landfall process will continue for next one hour.** | |
| POSTLANFALL FORECAST | • **The cyclonic storm "Akvan" likely to move north-norteastward and gradually weaken into Deep-depression in next 3 hours and Depression in subsequent 6 hours.** | |
| FORECAST STORM SURGE | • Storm surge of 0.3 m height above astronomical tide is very likely to inundate low lying areas of south coastal Odisha (Ganjam and Puri districts) during next 3 hours. | |
| OBSERVED RAINFALL (MM) From 0830 hrs IST of 19th November - 0830 hrs IST of 20th November | Odisha<br>• Patrapur 209<br>• Hinjili 207<br>• Chikiti 199<br>• Gopalpur 190<br>• Chhatrapur 139<br>• Chandbali 119.0<br>• Tihidi 100.0<br>• Kujanga 97.0<br>• Paradeep 93.0<br>• Puri 79.0<br>• Rajnagar 82.0<br>• Patamundai 76.0 | Andhra Pradesh<br>• Ichchapuram 168.75<br>• Arakabadra 162.50<br>• Kanchili 148.50<br>• Ms Pally 146.25<br>• Korlam 128.75 |

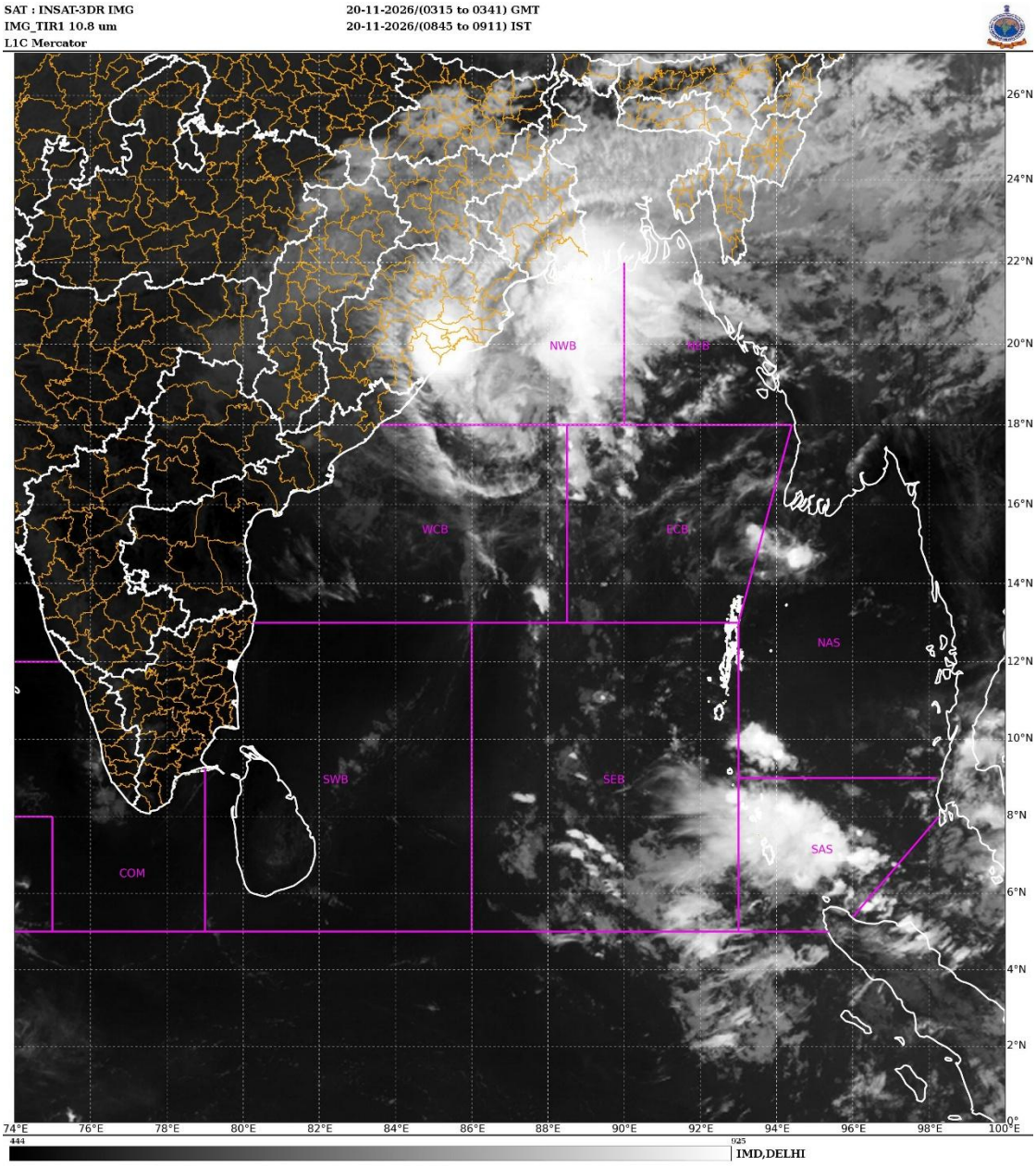
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Reflectivity (Z) imagery from Doppler weather Radar - Gopalpur



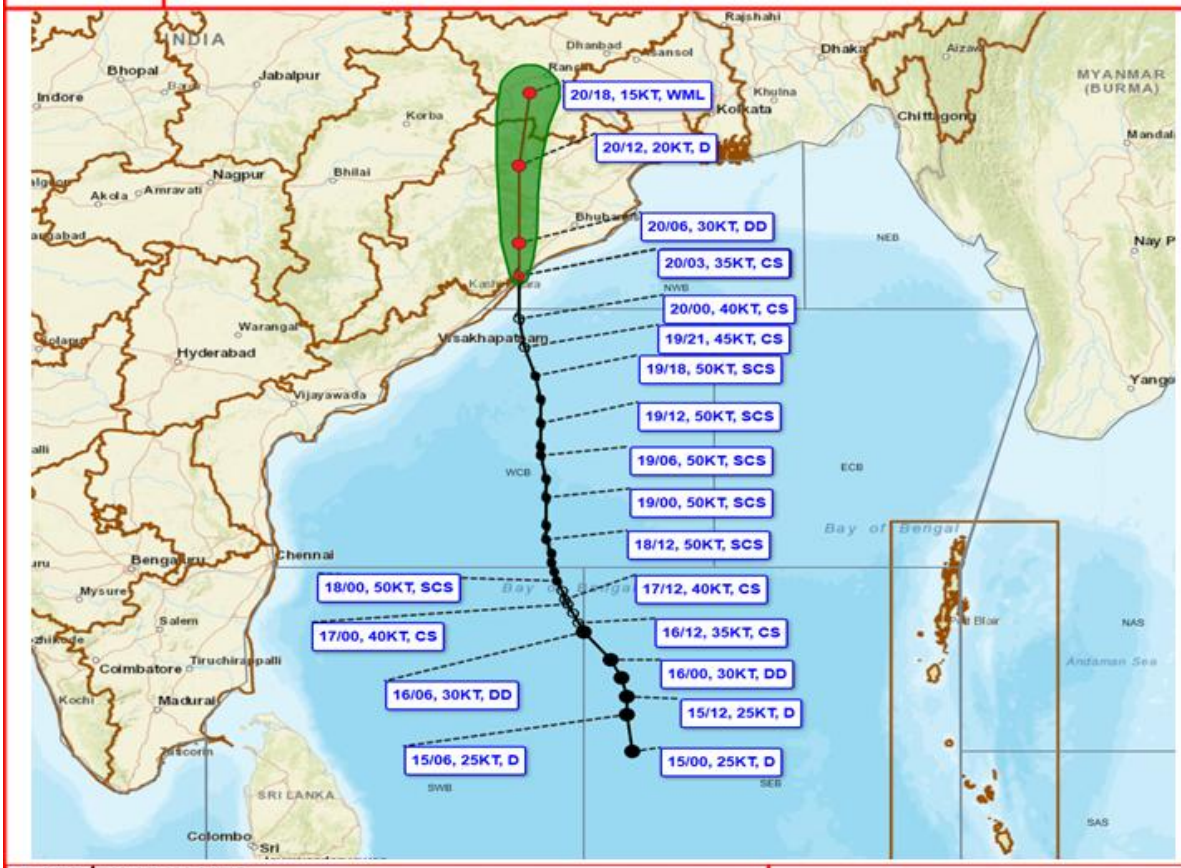
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Satellite imagery from INSAT3DR



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OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF CYCLONIC STORM "AKVAN" OVER SOUTH COASTAL ODISHA AND ADJOINING NORTH COASTAL ANDHRA PRADESH BASED ON 0300 UTC (0830 Hrs. IST) OF 20TH NOVEMBER 2026



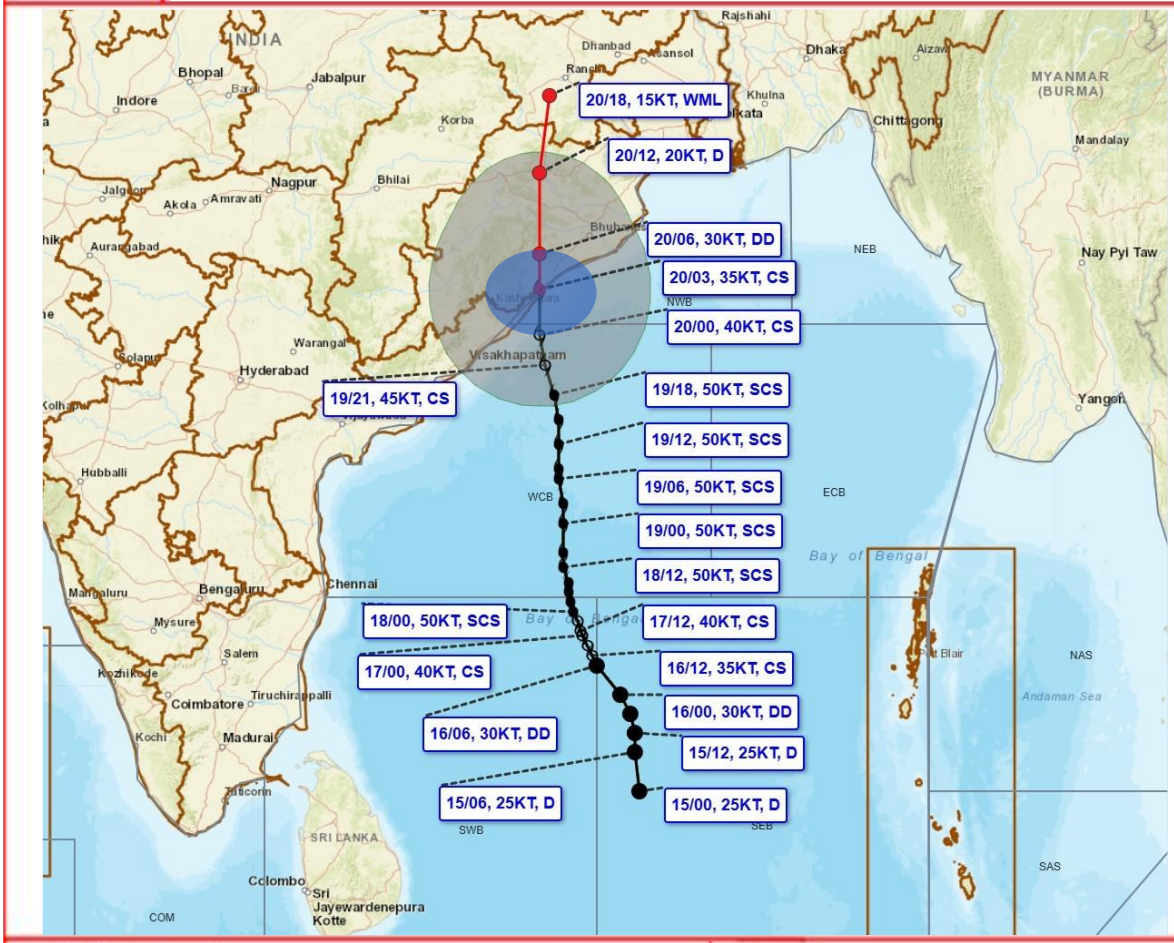

DATE/TIME IN UTC
IST= UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63 KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

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## OBSERVED AND FORECAST TRACK ALONG WITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "AKVAN" OVER SOUTH COASTAL ODISHA AND ADJOINING NORTH COASTAL ANDHRA PRADESH BASED ON 0300 UTC (0830 Hrs. IST) OF 20TH NOVEMBER 2026




DATE/TIME IN UTC
IST= UTC + 0530
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LESS THAN 34 KT
34-47 KT
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OBSERVED TRACK
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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 |

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## Flash Flood Guidance

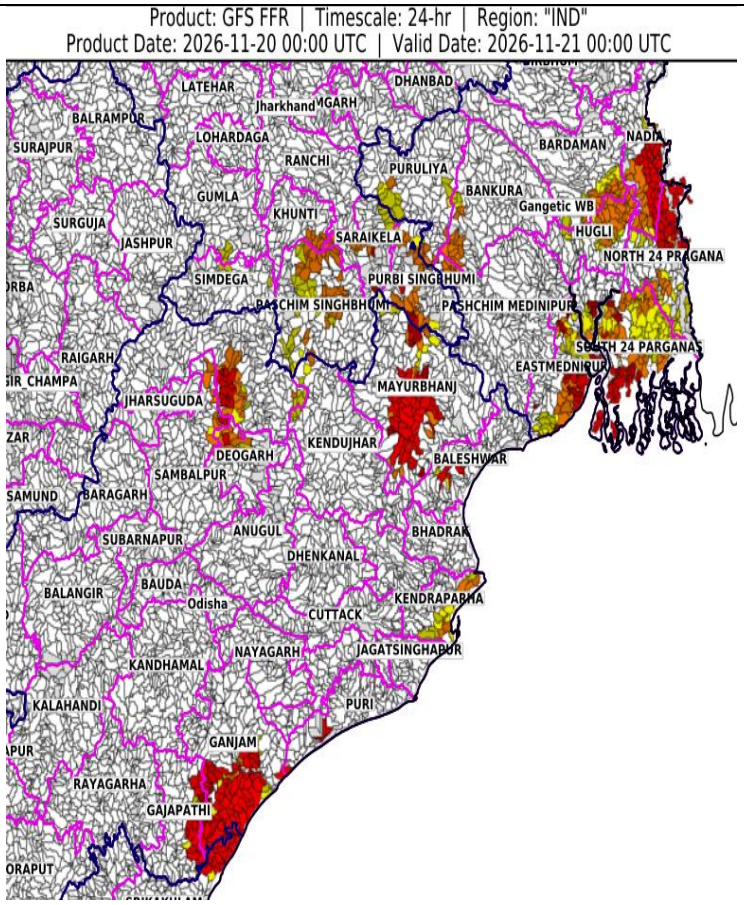
**Flash Flood Risk (FFR) till 0530 IST of 21-11-2026:**

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

**Coastal Andhra Pradesh & Yanam**: Srikakulam district
**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

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.



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## FISHERMEN WARNING GRAPHICS

