India Meteorological Department
(Ministry of Earth Sciences)

HOURLY UPDATE ON

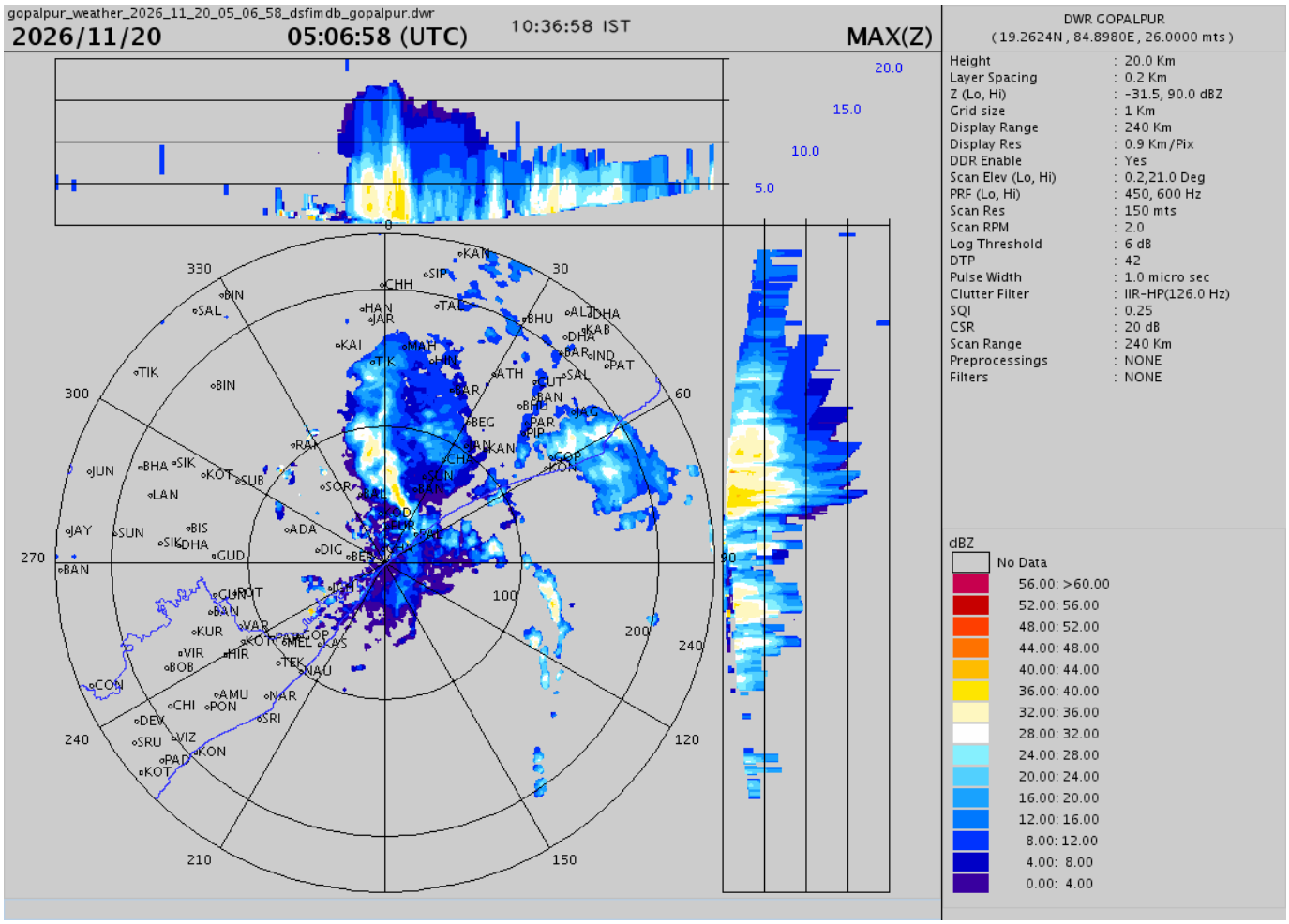
Cyclonic Storm "**Akvan**" [Pronunciation: Akvan]

BULLETIN NO. 12

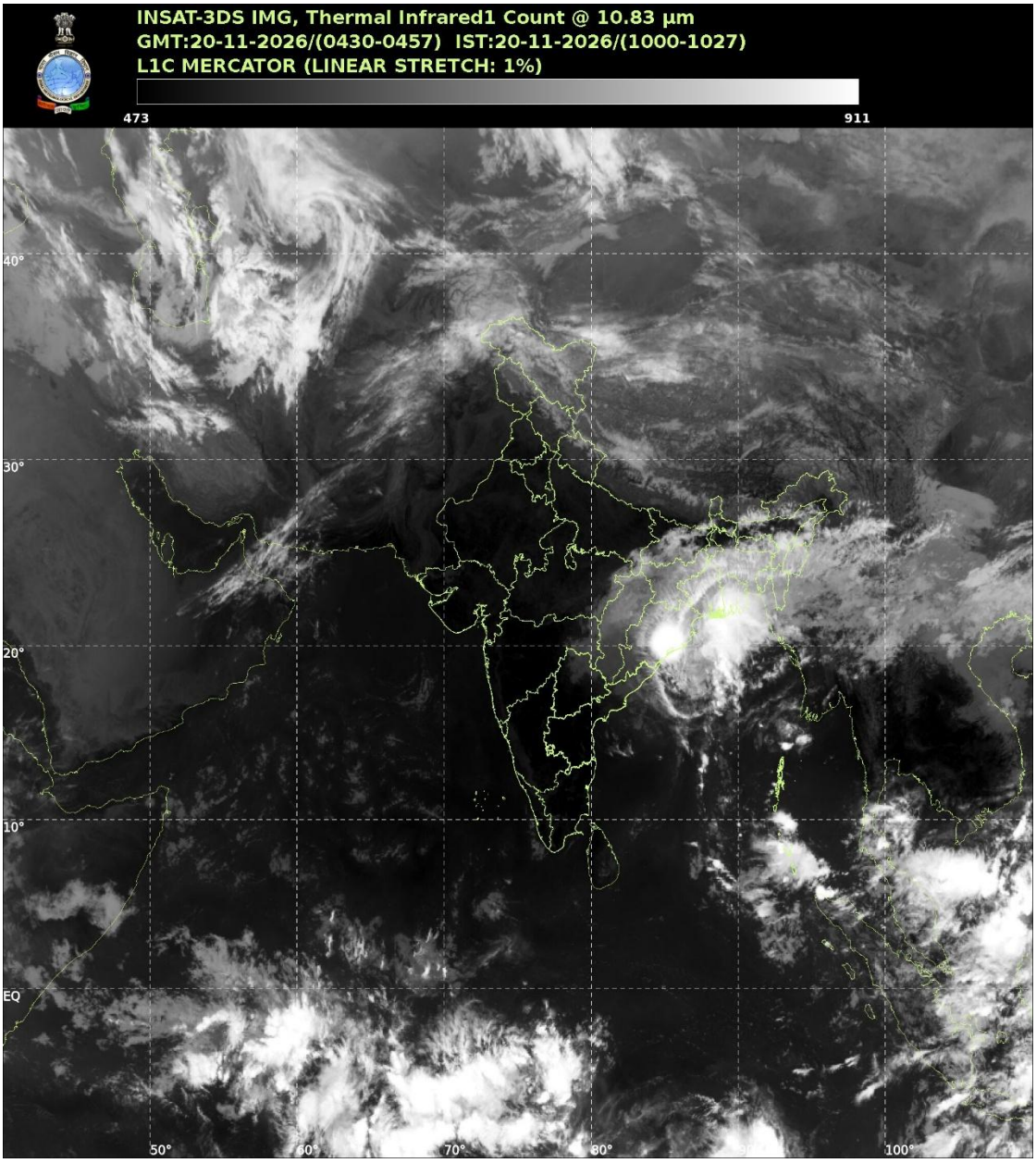
DATE: 20-11-2026 TIME OF ISSUE: 1120 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 20-11-2026 (1030 HRS IST)	
CURRENT LOCATION (LATITUDE/LONGITUDE)	South coastal Odisha and adjoining north coastal Andhra Pradesh (**Latitude 19.40°N And Longitude 84.90°E)** • **10 km north of GOPALPUR (Odisha)** • 110 km west-southwest of PURI (Odisha) • 140 km northeast of KALINGAPATNAM (Andhra Pradesh)	
CURRENT INTENSITY NEAR CENTRE	• **60-70 kmph gusting to 80 kmph along and off south Odisha coast.**	
PAST MOVEMENT	Moved nearly northwards 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.** • **The landfall process has completed.**	
POSTLANFALL FORECAST	• **The cyclonic storm "Akvan" likely to move north-norteastward and gradually weaken into Deep-depression in next 1 hour 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 1 hours.	
OBSERVED RAINFALL (MM) From 0830 hrs IST of 20th November - 1030 hrs IST of 20th November	**Odisha** • Keonjhar 13 • Mohisapat 12.5 • Udayagiri 6	**West Bengal** • RK_Mission_College 16.5 • Kakdwip 16 • Nimpith 13.5 • Kolkata Airport 10.5 • Jagatballavapur 9.5 • Shyampur 8.5 • Agarpara 7.5 • Hooghly 7 • Gangasagar 7 • Uluberia 6.5 • Digha 6.5

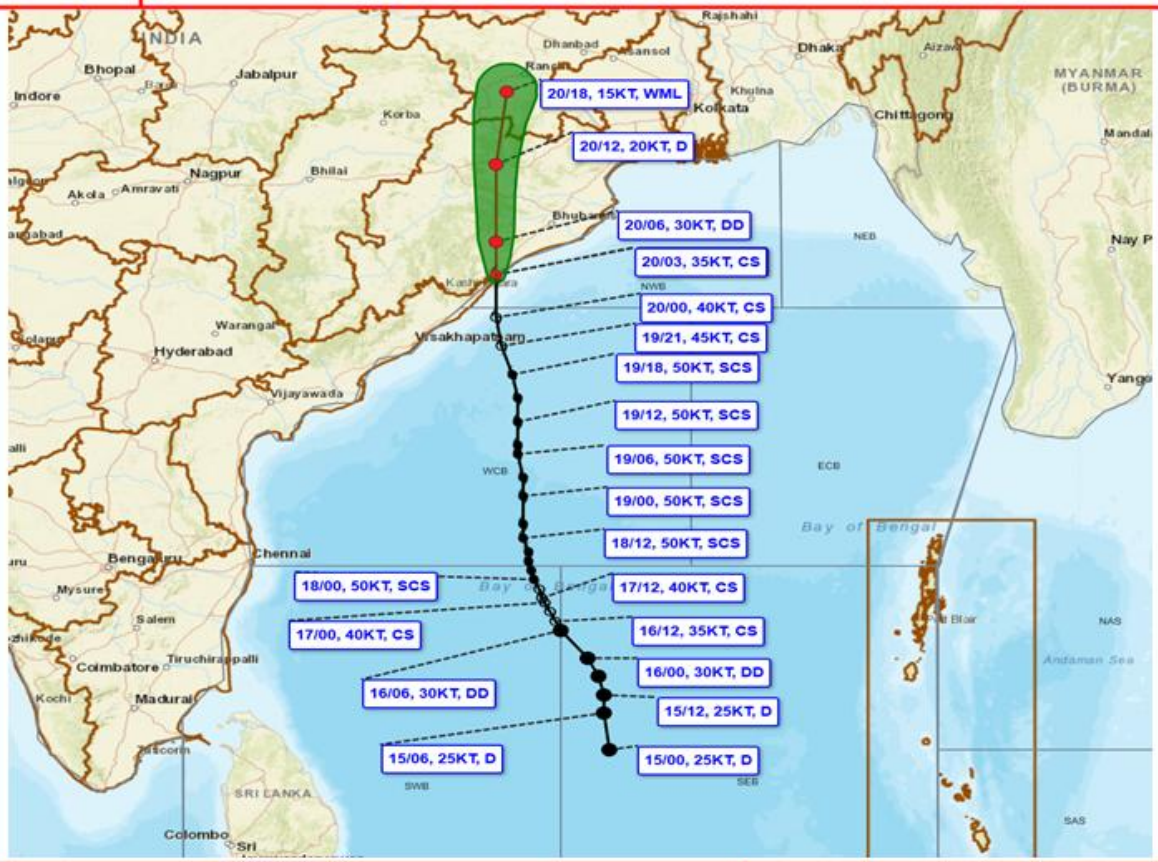
Reflectivity (Z) imagery from Doppler weather Radar - Gopalpur



Satellite imagery from INSAT3DS



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

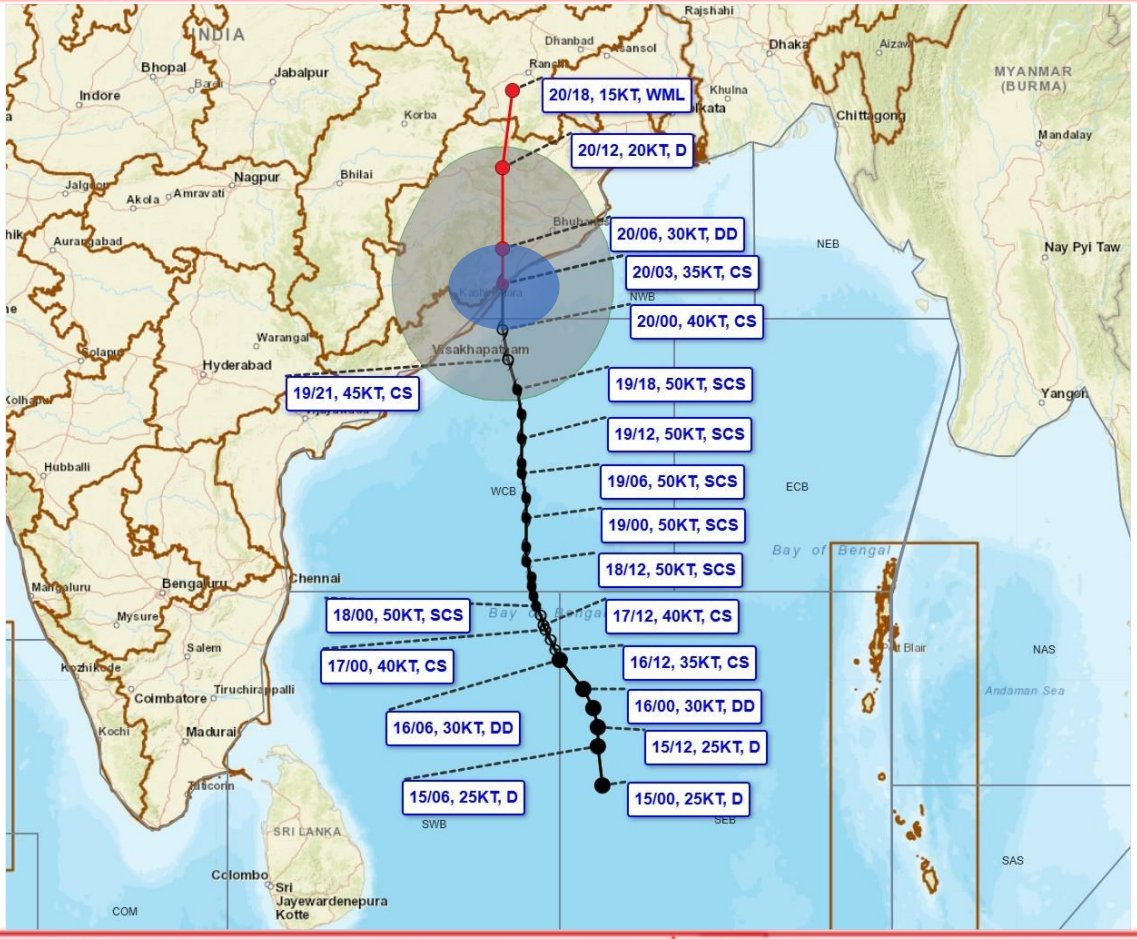


DATE/TIME IN UTC
IST= UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63 KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

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
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

Flash Flood Guidance

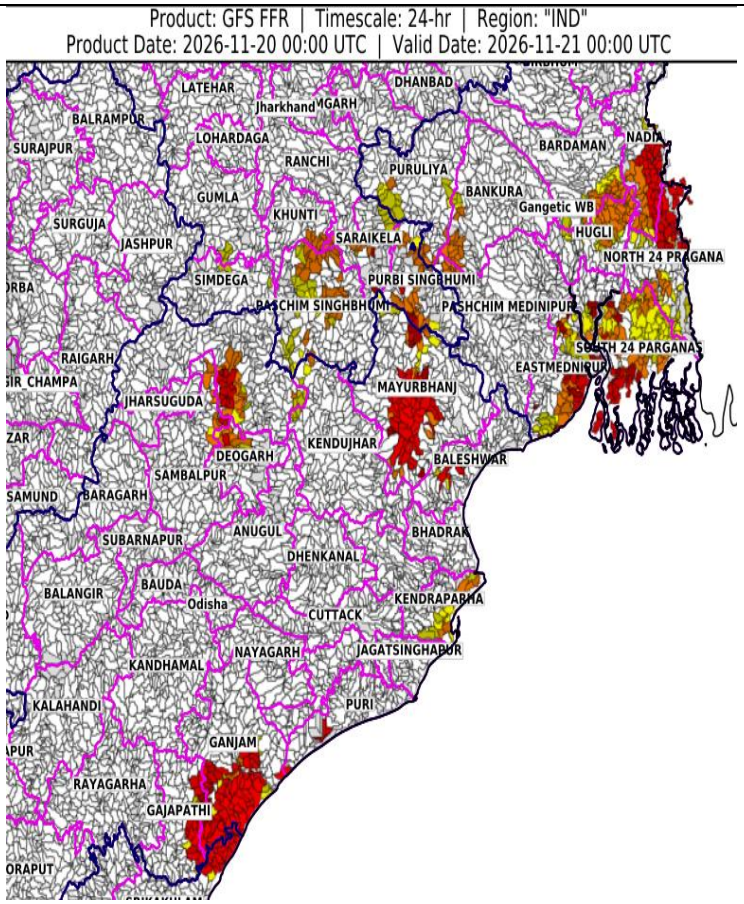
Flash Flood Risk (FFR) till 0530 IST of 21-11-2026:

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.



FISHERMEN WARNING GRAPHICS

