HOURLY UPDATE ON

Deep Depression (Remenant of Cyclonic Storm "**Akvan**")

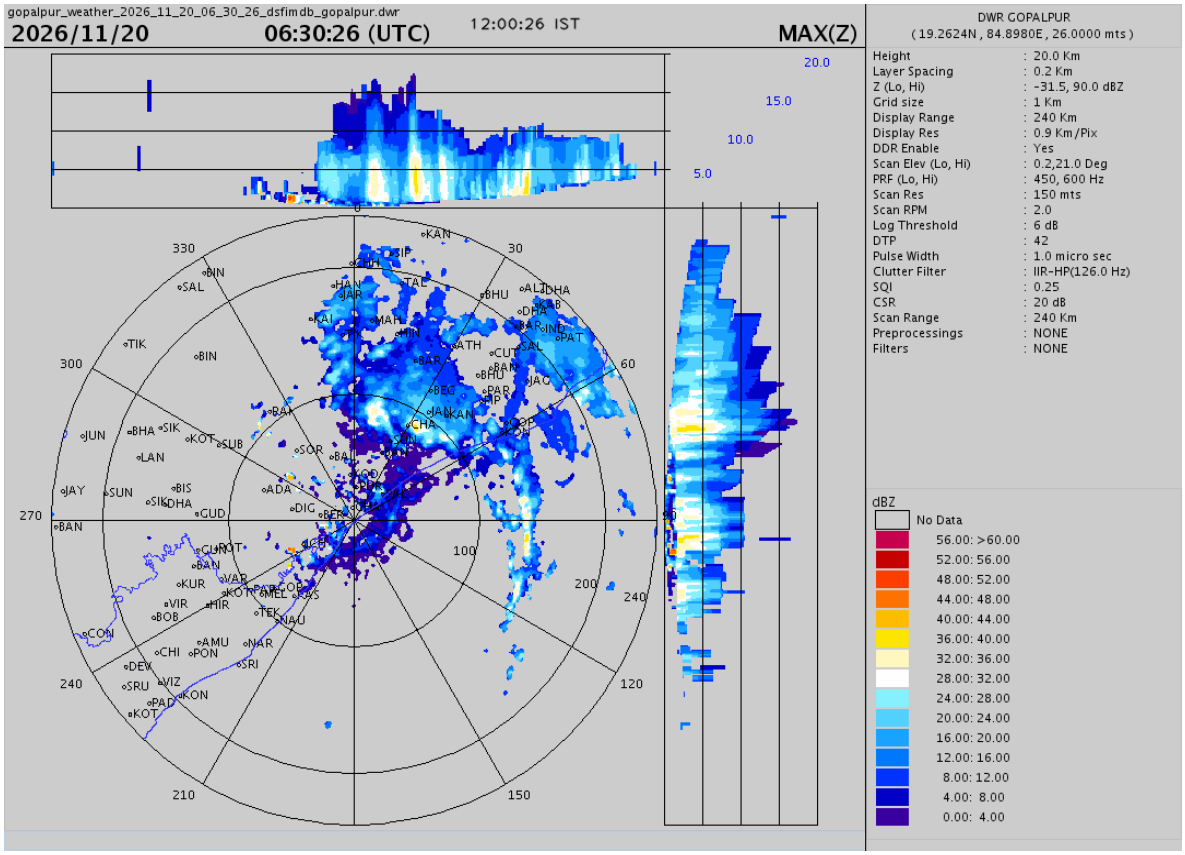
BULLETIN NO. 13

DATE: 20-11-2026 TIME OF ISSUE: 1300 HRS IST

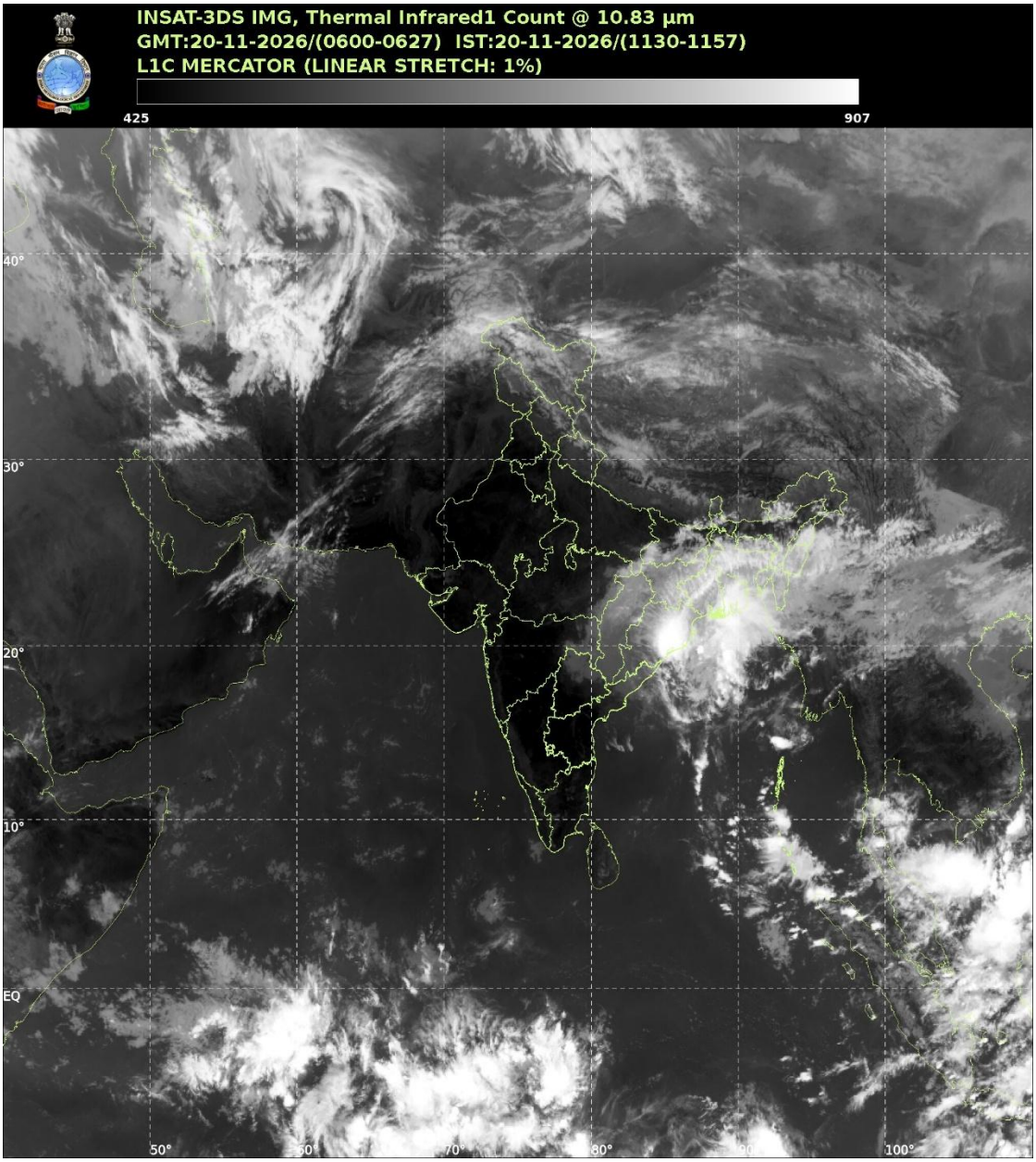
DATE/TIME (IST) OF OBSERVATION	BASED ON 20-11-2026 (1130 HRS IST)	
CURRENT LOCATION (LATITUDE/LONGITUDE)	South coastal Odisha (**Latitude 19.60°N And Longitude 84.90°E)** • **40 km north of GOPALPUR (Odisha)** • 100 km west-southwest of PURI (Odisha) • 160 km north-northeast of KALINGAPATNAM (Andhra Pradesh)	
CURRENT INTENSITY NEAR CENTRE	• **The cyclonic storm "Akvan" weakened into Deep-depression at 06UTC of 20.11.26, with associated wind speed of 55-65 kmph gusting to 75 kmph over south coastal Odisha.**	
PAST MOVEMENT	Moved nearly north-northeastwards with a speed of 24 kmph during past 06 hrs	
FORECAST	• **The Deep depression likely to move North-norteastward and gradually weaken into Depression in next 6 hour and Well-marked Low-Pressure area in subsequent 6 hours.**	
OBSERVED RAINFALL (MM) From 0830 hrs IST of 20th November - 1130 hrs IST of 20th November	**Odisha** • KEONJHAR 16.5 • MOHISAPAT 13 • FM_UNIVERSITY 7.5 • UDAYAGIRI 7.5	**West Bengal** • RK_MISSION_COLLEGE 20 • HOOGHLY 17 • JAGATBALLAVAPUR 16.5 • RRS_KAKDWIP 16.5 • NIMPITH 15 • KOLKATA AIRPORT 13.5 • ULUBERIA 11.5 • KALYANI 10.5 • SHYAMPUR 9 • AGARPARA 9 • KALNA 8.5 • HARINGHATTA 7.5 • GANGASAGAR 7.5 • TARAKESWAR 7 • RAMSADAY_COLLEGE 7 • BARRACKPORE 6.5 • DIGHA 6.5

This is the last hourly update (Bulletin no 13) based on 1130IST / 06UTC of 20.11.2026, in association with Severe Cyclonic Storm "Akvan". However, the regular bulletin (will be issued at 1730IST) from Cyclone Warning Division, IMD.

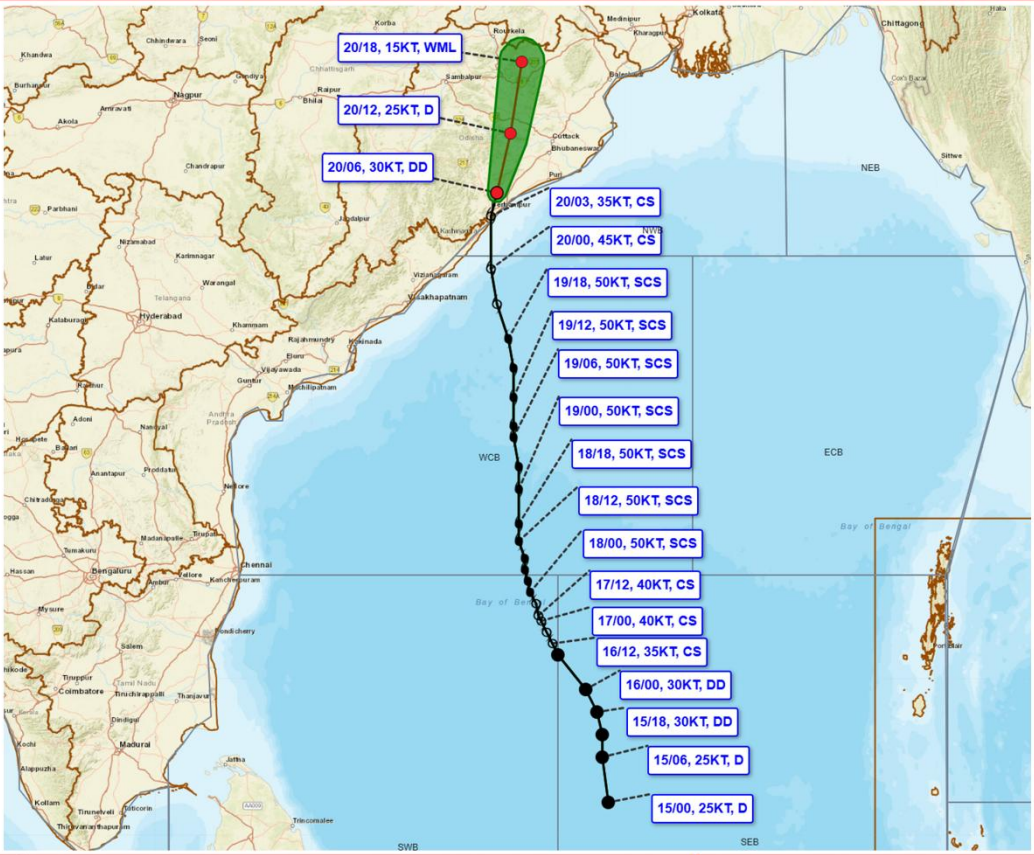
Reflectivity (Z) imagery from Doppler weather Radar - Gopalpur



Satellite imagery from INSAT3DS



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

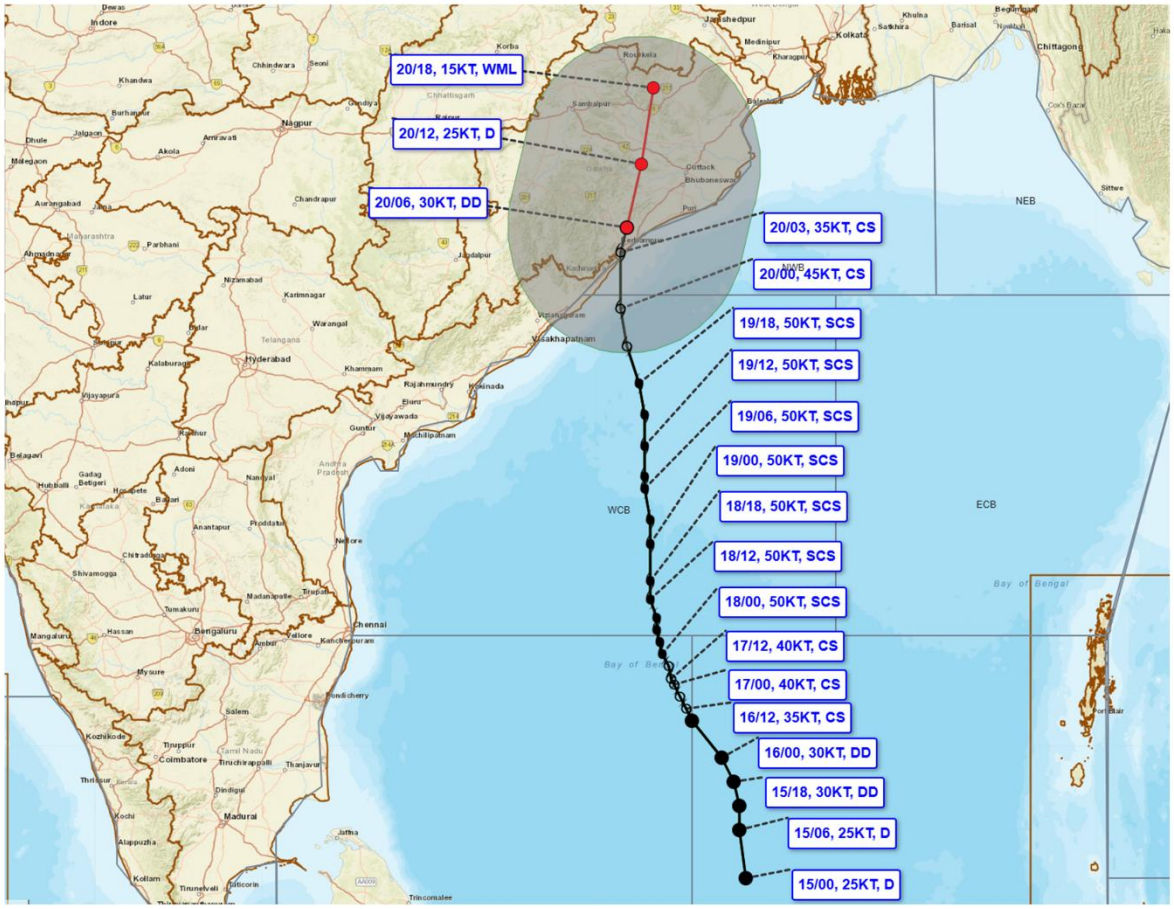


DATE/TIME IN UTC
IST= UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63 KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

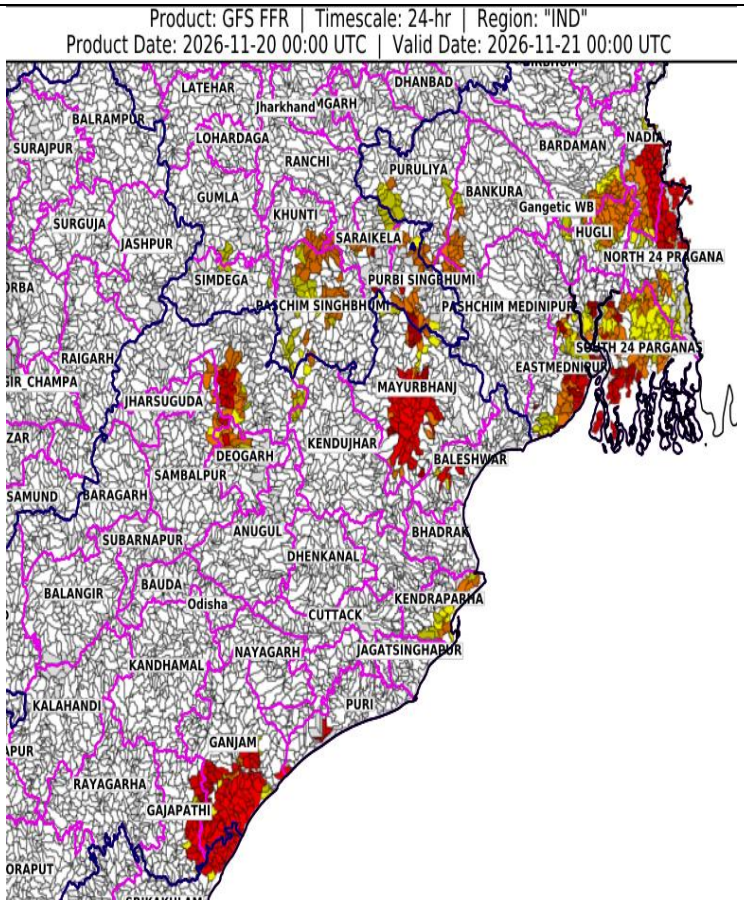
Flash Flood Risk (FFR) till 0530 IST of 21-11-2026:

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

