



**India Meteorological Department
(Ministry of Earth Sciences)**

HOURLY UPDATE ON SEVERE CYCLONIC STORM 'ARNAB'

BULLETIN NO. 14

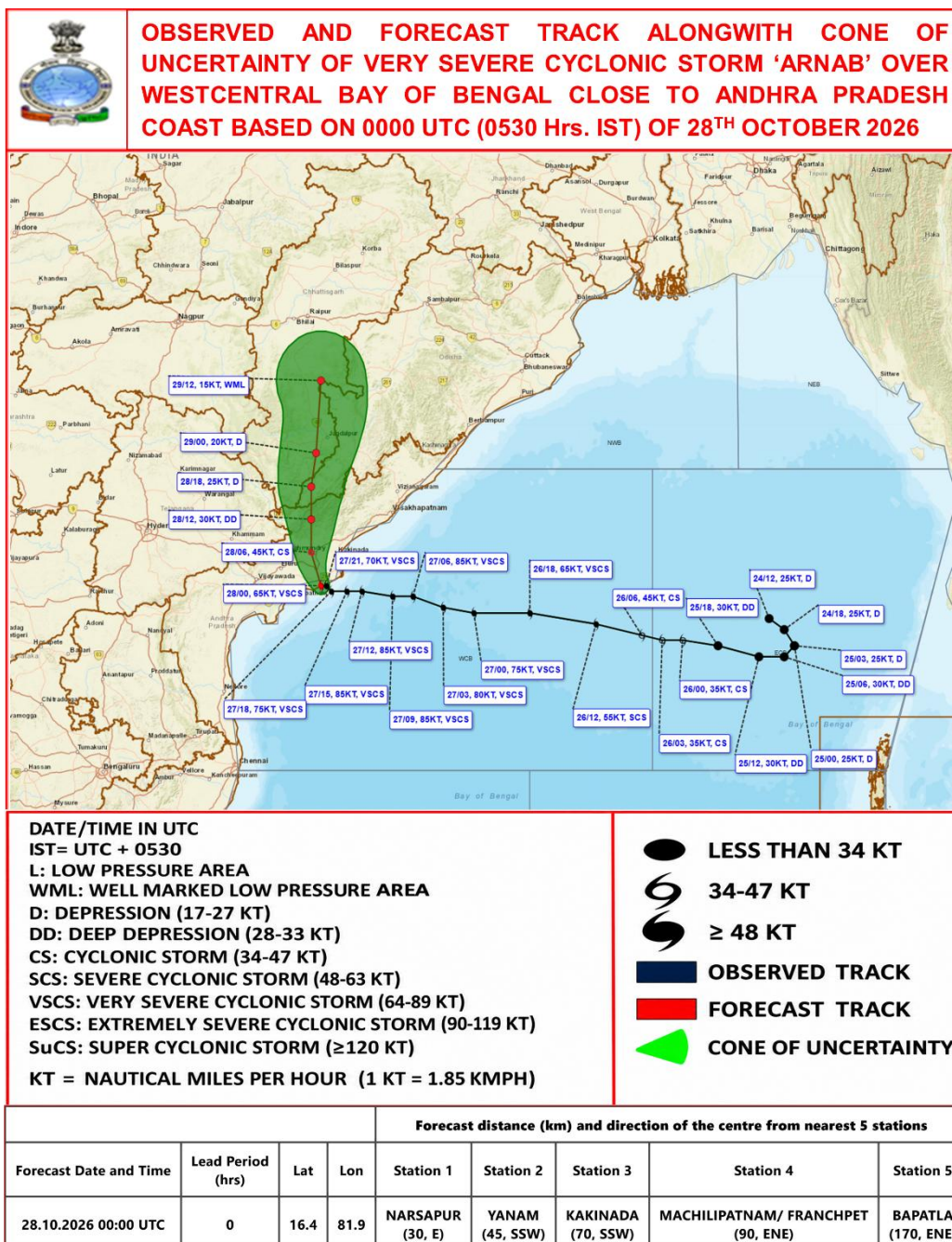
DATE: 28-10-2026

TIME OF ISSUE: 0950 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 28-10-2026, 0830 HRS IST/ 28-10-2026, 0300 UTC)
CURRENT LOCATION (LATITUDE/LONGITUDE)	The centre of the system lay over the Andhra Pradesh & Yanam coasts near Latitude 16.5°N And Longitude 81.9°E. • 20 Km East-northeast of Narsapur • 40 Km Southwest of Yanam • 60 Km Southwest of Kakinada • 90 Km East-northeast of Machilipatnam, • 120 km East of Gannavaram • 120 Km Southwest of Tuni
CURRENT INTENSITY NEAR CENTRE	Very severe cyclonic storm weakened into a Severe cyclonic storm at 0830 hrs IST Wind : 110-120 Kmph Gusting to 135 Kmph
FORECAST MOVEMENT AND INTENSITY	Likely to move north-northwestwards during next 48 hours and weaken gradually. It will weaken into a cyclonic storm during next 06 hours and further into a Deep Depression during subsequent 06 hours.
LANDFALL	• The cyclone crossed the Andhra Pradesh & Yanam coasts to the Southwest of Yanam near latitude 16.45°N and 81.9°E, about 20 Km East-northeast of Narsapur, 40 Km Southwest of Yanam and 60 Km Southwest of Kakinada during 02 : 00 and 08 : 00 hours IST today as a very severe cyclonic storm with the maximum sustained wind speed of 125-135 kmph gusting to 150 kmph. • The latest observations indicate that the landfall process has been completed with the central region moving completely into land.
FORECAST STORM SURGE	• The storm surge of about 1.0 m height above astronomical tide is very likely to inundate low lying areas of Andhra Pradesh during next 3 hours and 0.5 to 1 m during subsequent 06 hours.
OBSERVED EXTREMELY HEAVY RAINFALL (MM) OVER ANDHRA PRADESH & VERY HEAVY RAIN OVER ODISHA TILL 0830 HRS IST.	ANDHRA PRADESH : VISHAKHAPATNAM_ WALTAIR: 315; VIZIANAGARAM : 301, ANAKAPALLI: 275, SRIKAKULAM: 257, KRISHNA : 223, ODISHA : KORAPUT : 188, GANJAM: 161, GAJAPATI: 135,



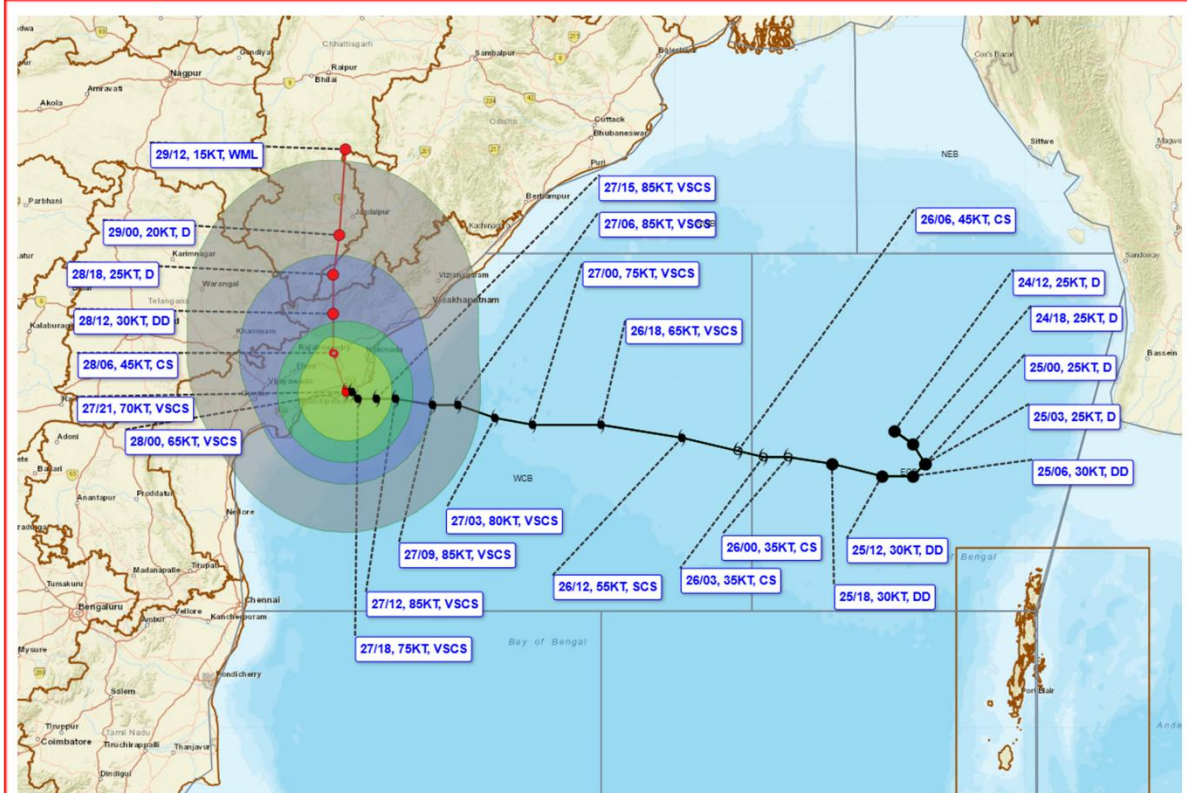
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OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF VERY SEVERE CYCLONIC STORM 'ARNAB' OVER WESTCENTRAL BAY OF BENGAL CLOSE TO ANDHRA PRADESH COAST BASED ON 0000 UTC (0530 Hrs. IST) OF 28TH OCTOBER 2026



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 = 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)

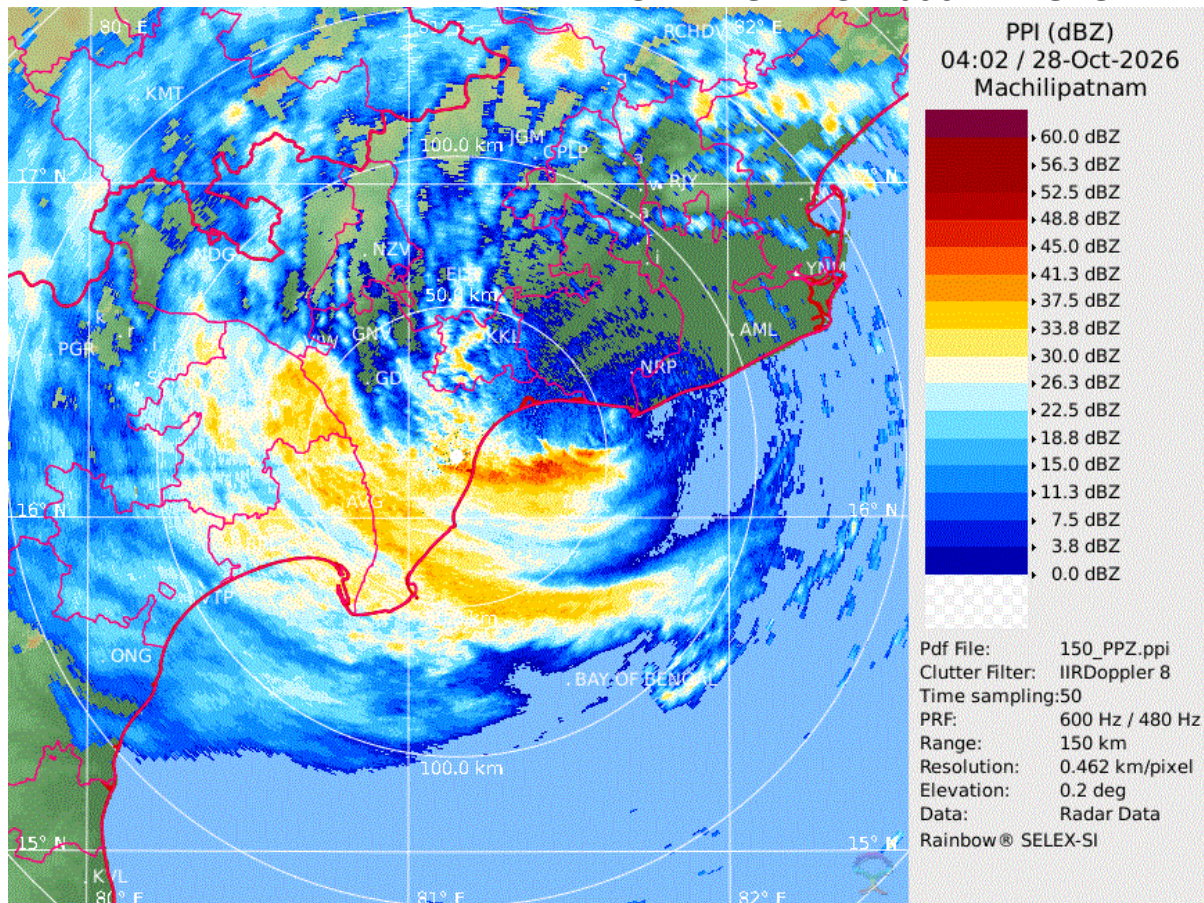
IMPACT OVER THE SEA

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



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MACHILIPATNAM RADAR IMAGE BASED ON 0932 HRS IST

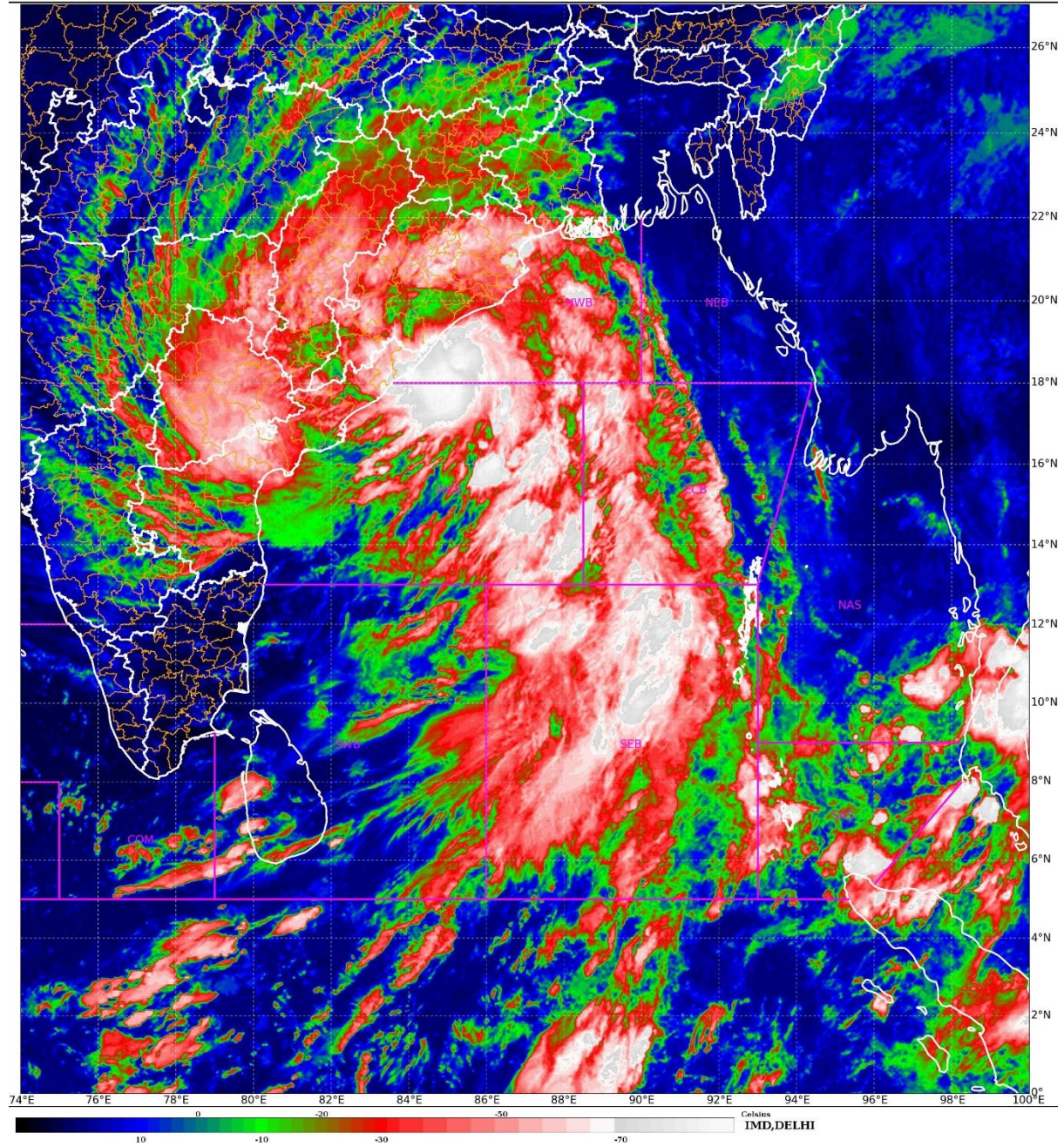




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SAT : INSAT-3DR IMG
IMG_TIR1_TEMP 10.8 um
LIC Mercator

28-10-2026/(0315 to 0342) GMT
28-10-2026/(0845 to 0912) IST



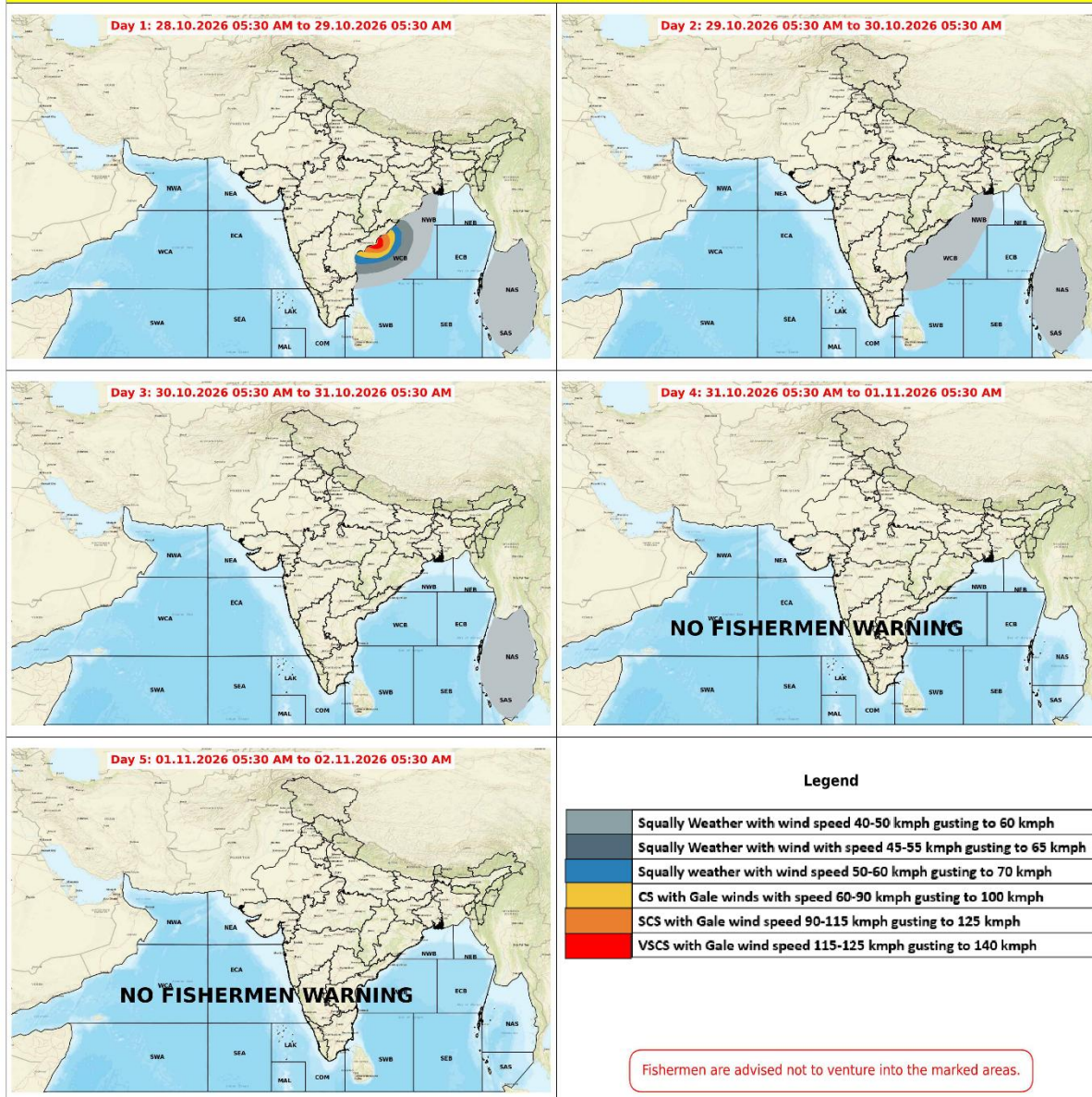


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FISHERMEN WARNING GRAPHICS



Fishermen Warning Graphics



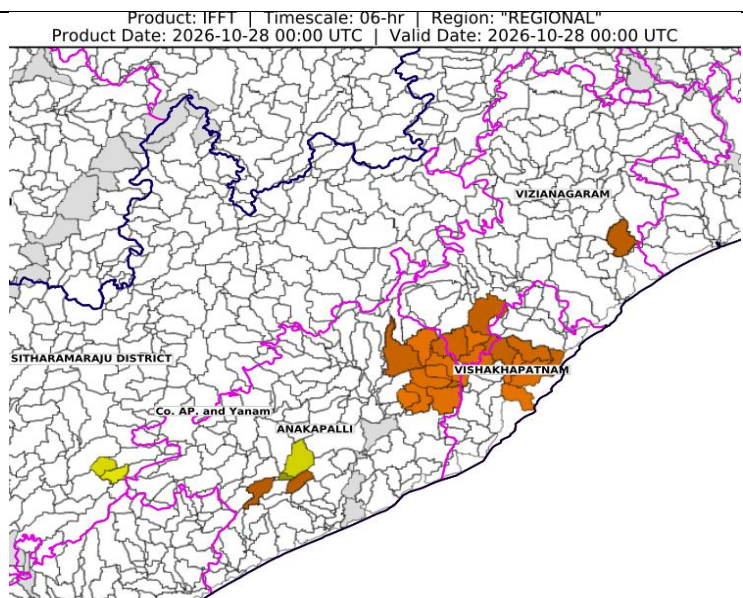


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Observed Flash Flood Threat (IFFT) till 0530 IST of 28-10-2026:

Moderate to High flash flood threat observed over few watersheds & neighbourhoods of following Met Sub-divisions during last 6 hours.

Coastal Andhra Pradesh & Yanam: Sri Alluri Sitharamaraju District, Anakapalli, Vishakhapatnam and Vizianagaram districts

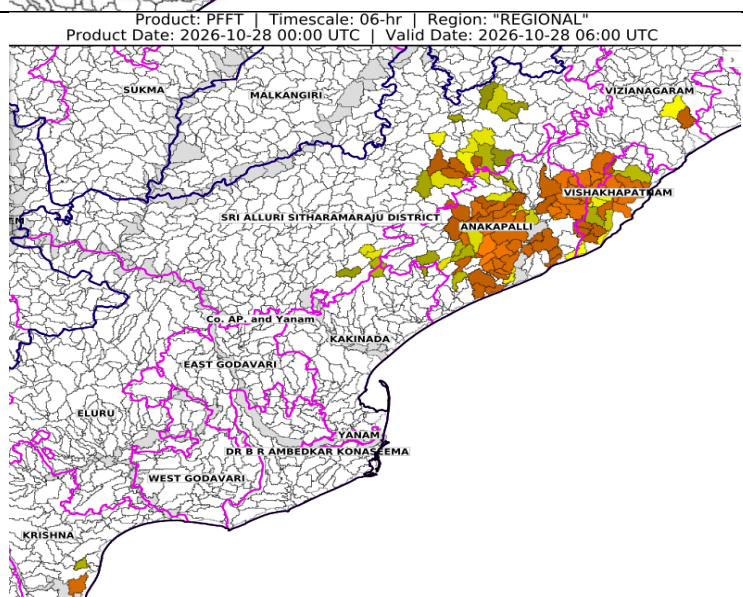


Persistent Flash Flood Threat (PFFT) till 1130 IST of 28-10-2026:

Moderate to High flash flood threat likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 6 hours.

Coastal Andhra Pradesh & Yanam: Sri Alluri Sitharamaraju District, Anakapalli, Kakinada, Krishna, Vizianagaram and Vishakhapatnam 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 6 hours.





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Flash Flood Risk (FFR) **till 0530 IST of 29-10-** **2026:**

Under the influence of The Severe Cyclonic Storm

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

Coastal Andhra Pradesh & Yanam: Bapatla, Guntur, Ntr District, Krishna, Eluru, East Godavari, Kakinada, Sri Alluri Sitharamaraju District, Vishakhapatnam, Vizianagaram, Anakapalli, Parvathipuram Manyam and West Godavari districts

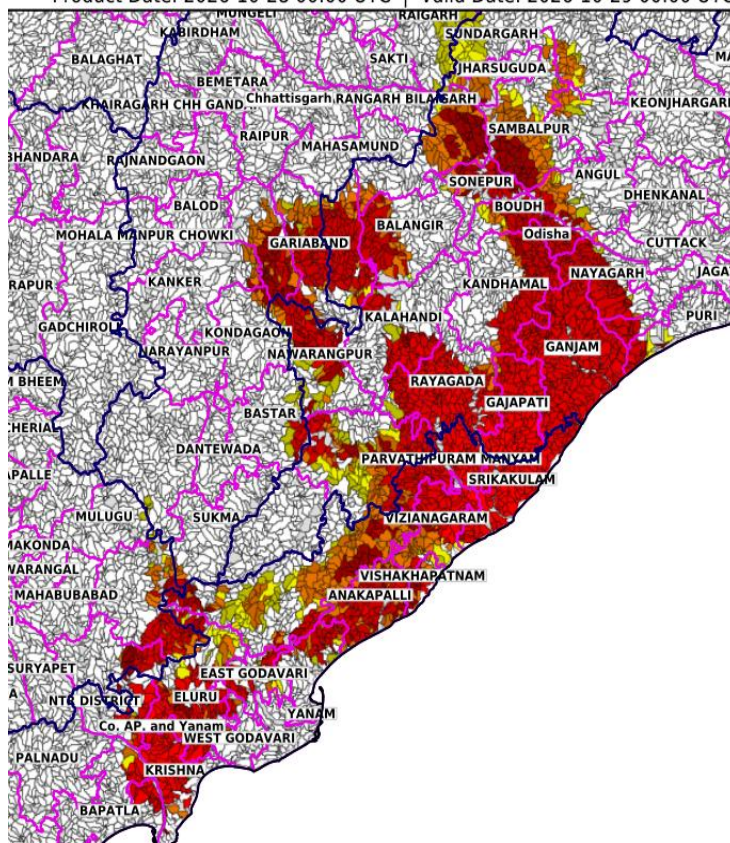
Odisha: Koraput, Nawarangpur, Rayagada, Kalahandi, Nawapara, Balangir, Kandhamal, Ganjam, Gajapati, Khurda, Nayagarh, Puri, Sambalpur, Angul, Deogarh, Boudh, Bargarh, Jharsuguda, Sundargarh and Sonapur districts

Chhattisgarh: Sukma, Bijapur, Bastar, Kondagaon, Kanker, Dhamtari and Gariaband districts

Telangana: Khammam, B. Kothagudem and Mulugu 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.

Product: GFS FFR | Timescale: 24-hr | Region: "REGIONAL"
Product Date: 2026-10-28 00:00 UTC | Valid Date: 2026-10-29 00:00 UTC

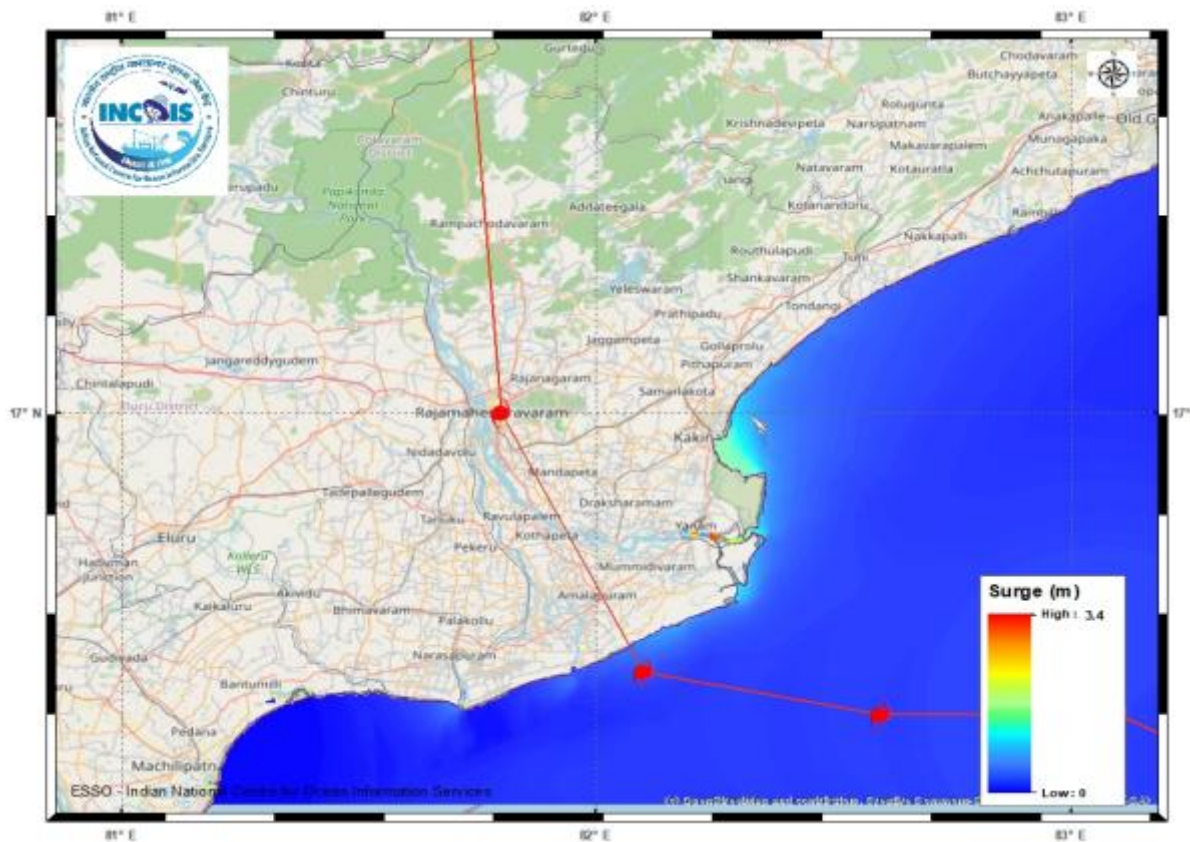




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STORM SURGE HEIGHT INFORMATION:

MANDAL/TALUK	DISTRICT	STATE / UNION TERRITORY	NEAREST PLACE OF HABITATION	STORM SURGE (m) *	EXPECTED INUNDATION EXTENT (km)
Amalapuram	East Godavari	Andhra Pradesh	Nimmakayala Kothapalle	0.4-0.8	Upto 0.20
Anakapalli	Visakhapatnam	Andhra Pradesh	Cheepurupalle (East)	0.2-0.3	Nil
Bhimunipatnam	Visakhapatnam	Andhra Pradesh	Chippada	0.2-0.2	Upto 0.11
Kakinada	East Godavari	Andhra Pradesh	Polekurru	0.7-1.8	Upto 0.24
Machilipatnam	Krishna	Andhra Pradesh	Perupalem	0.3-0.3	Nil
Mummidivaram	East Godavari	Andhra Pradesh	G. Vemavaram	0.7-1.1	Upto 0.18
Narsapur	West Godavari	Andhra Pradesh	Perupalem	0.2-0.6	Upto 0.19
Pithapuram	East Godavari	Andhra Pradesh	Ponnada	0.7-1.0	Upto 0.20
Puspatirega	Vizianagaram	Andhra Pradesh	Konada	0.2-0.2	Nil
Razole	East Godavari	Andhra Pradesh	Bendamurulanka	0.2-0.6	Upto 0.19
Repalle	Guntur	Andhra Pradesh	Gangadipalem	0.2-0.2	Nil
Tuni	East Godavari	Andhra Pradesh	Kona Forest	0.5-0.5	Nil
Vishakhapatnam	Visakhapatnam	Andhra Pradesh	Visakhapatnam	0.2-0.3	Nil
Yanam	Yanam	Puducherry	Yanam	0.6-2.0	Upto 0.48
Yellamanchili	Visakhapatnam	Andhra Pradesh	Tantadi	0.3-0.5	Upto 0.16



Storm surge graphics from INCOIS for VSCS-Arnab