



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

**HOURLY UPDATE ON VERY SEVERE CYCLONIC STORM 'ARNAB'**

**BULLETIN NO. 13**

DATE: 28-10-2026

TIME OF ISSUE: 0830 HRS IST

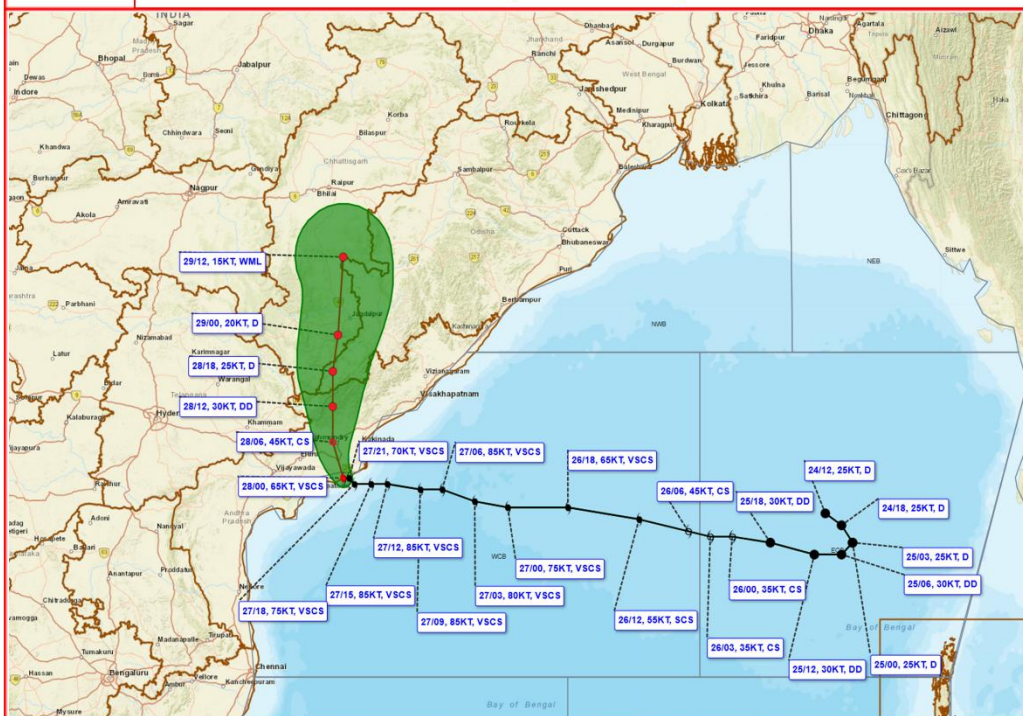
| DATE/TIME (IST) OF OBSERVATION                              | BASED ON 28-10-2026, 0730 HRS IST/ 28-10-2026, 0200 UTC)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CURRENT LOCATION (LATITUDE/LONGITUDE)                       | <p>The centre of the system lay over the Andhra Pradesh &amp; Yanam coasts near <b>Latitude 16.4°N And Longitude 81.9°E</b>.</p> <ul style="list-style-type: none"><li>• 20 Km East of Narsapur</li><li>• 70 Km South-southwest of Kakinada</li><li>• 80 Km East-northeast of Machilipatnam,</li><li>• 120 km East of Gannavaram</li><li>• 130 Km South-southwest of Tuni</li></ul>                                                                                                             |
| CURRENT INTENSITY NEAR CENTRE                               | 115-125 Kmph Gusting to 140 Kmph                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| FORECAST MOVEMENT                                           | Likely to move slowly northwestwards initially and then north-northwestwards                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LANDFALL FORECAST                                           | <ul style="list-style-type: none"><li>• The centre of the system lay over the Andhra Pradesh &amp; Yanam coasts to the South of Yanam. The system remained practically stationary during last 01 hour. <b>The rear portion of the wall cloud region is entering the coastal area. The landfall process is likely to complete during next 01 hour.</b></li><li>• Wind Speed over Landfall area: 115-125 Kmph Gusting to 140 Kmph during next 2 hours and gradually decrease thereafter</li></ul> |
| FORECAST STORM SURGE                                        | <ul style="list-style-type: none"><li>• 1.0 to 1.5 m height above astronomical tide is very likely to inundate low lying areas of Andhra Pradesh during next 2 hours and decrease thereafter</li></ul>                                                                                                                                                                                                                                                                                          |
| OBSERVED RAINFALL (MM) TILL 0730 HRS IST                    | VISHAKHAPATNAM_WALTAIR: 217; KALINGAPATAM: 147; TUNI: 123; KAKINADA: 118; MACHILIPATNAM_FRANCHPET: 115; GOPALPUR: 94; PURI: 72                                                                                                                                                                                                                                                                                                                                                                  |
| Wind Speed (kmph) recorded around 0530hrs IST of 28.10.2026 | As per intensity estimate 115-125 Kmph Gusting to 140 Kmph prevails along and off the coast of west Godavari (Konaseema), Kakinada districts and Yanam (Puducherry UT)                                                                                                                                                                                                                                                                                                                          |



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**OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF VERY SEVERE CYCLONIC STORM 'ARNAB' OVER WESTCENTRAL BAY OF BENGAL CLOSE TO ANDHRA PRADESH COAST BASED ON 0000 UTC (0530 Hrs. IST) OF 28<sup>TH</sup> 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 ( $\geq 120$  KT)**

**KT = NAUTICAL MILES PER HOUR (1 KT = 1.85 KMPH)**

**● LESS THAN 34 KT**

**○ 34-47 KT**

**○  $\geq 48$  KT**

**— OBSERVED TRACK**

**— FORECAST TRACK**

**▲ CONE OF UNCERTAINTY**

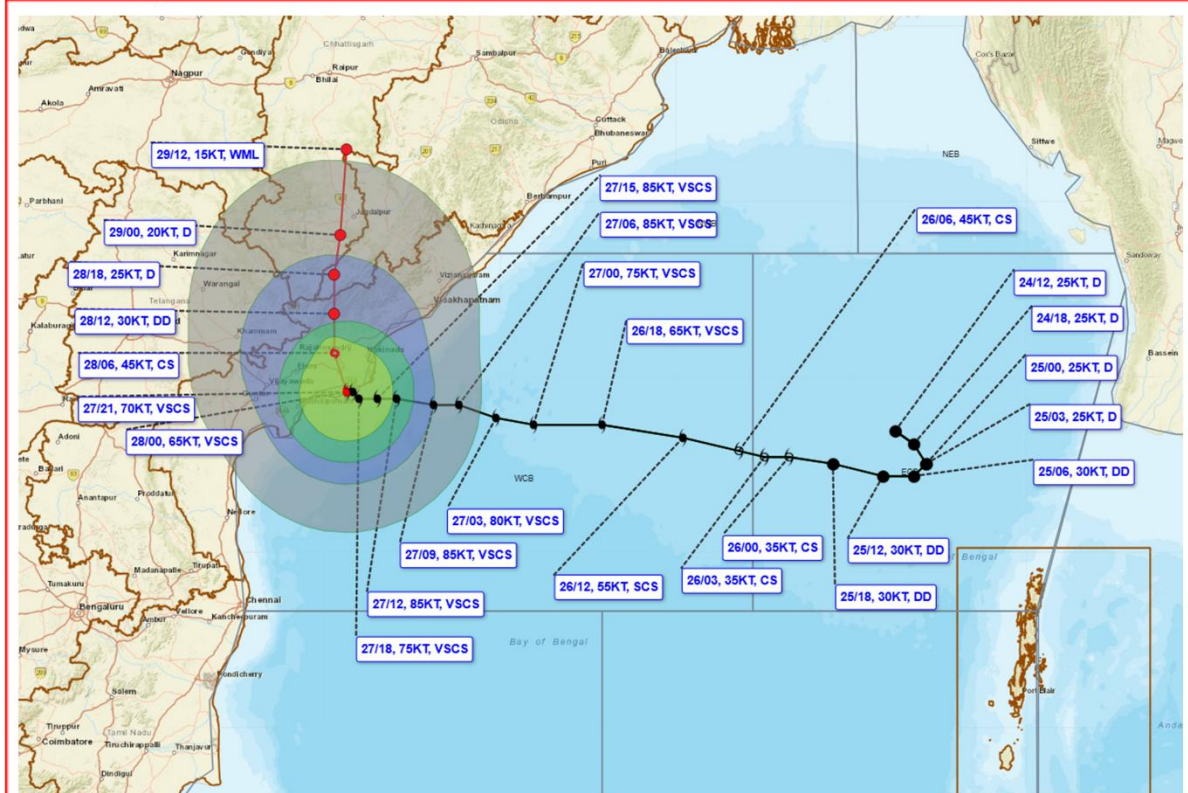
**Forecast distance (km) and direction of the centre from nearest 5 stations**

| Forecast Date and Time | Lead Period (hrs) | Lat  | Lon  | Station 1        | Station 2       | Station 3          | Station 4                          | Station 5          |
|------------------------|-------------------|------|------|------------------|-----------------|--------------------|------------------------------------|--------------------|
| 28.10.2026 00:00 UTC   | 0                 | 16.4 | 81.9 | NARSAPUR (30, E) | YANAM (45, SSW) | KAKINADA (70, SSW) | MACHILIPATNAM/ FRANCHPET (90, ENE) | BAPATLA (170, ENE) |



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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 28<sup>TH</sup> OCTOBER 2026**



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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

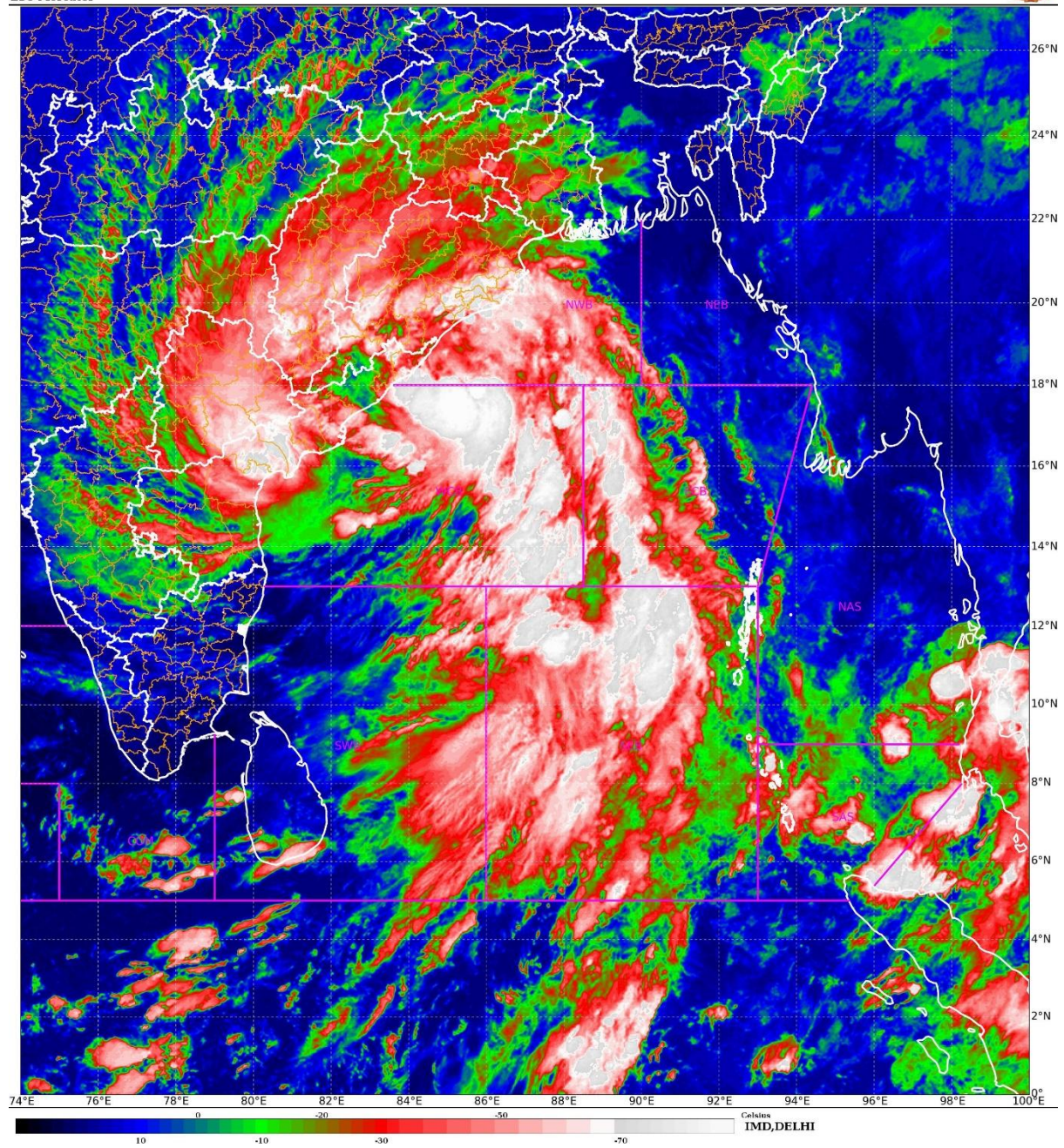
| MSW (knot/kmph) | Impact                 | Action                                 |
|-----------------|------------------------|----------------------------------------|
| 28-33 (52-61)   | Very rough seas        | Total suspension of fishing operations |
| 34-49 (62-91)   | High to very high seas | 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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SAT : INSAT-3DR IMG  
IMG\_TIR1\_TEMP 10.8 um  
LIC Mercator

28-10-2026/(0115 to 0142) GMT  
28-10-2026/(0645 to 0712) IST



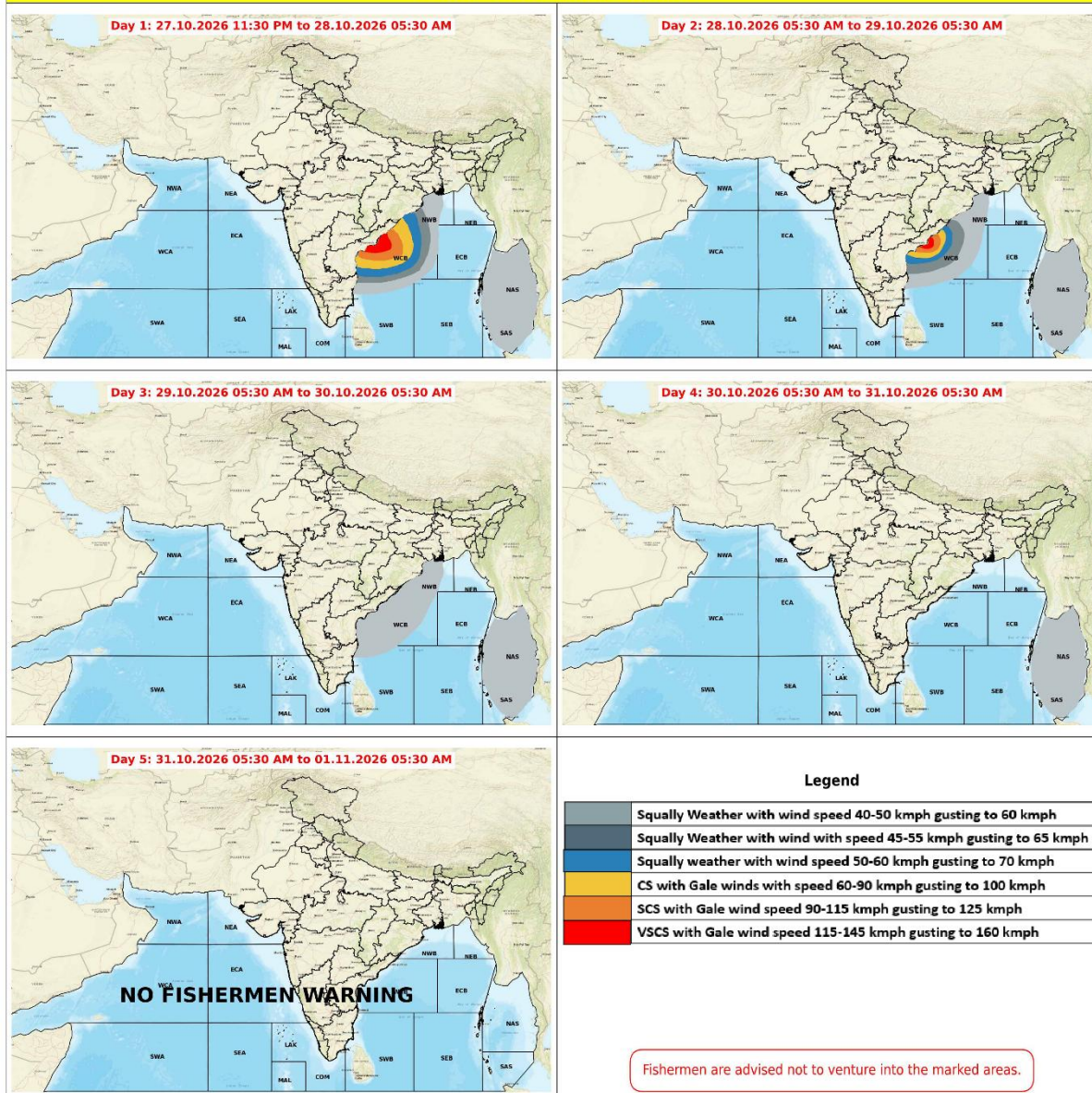


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### FISHERMEN WARNING GRAPHICS



#### Fishermen Warning Graphics



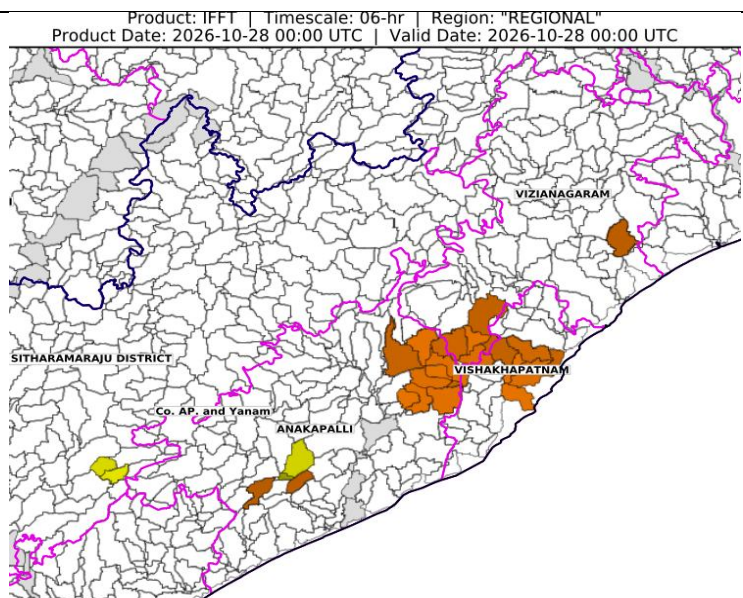


**India Meteorological Department  
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**Observed Flash Flood  
Threat (IFFT) till 0530  
IST of 28-10-2026:**

**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

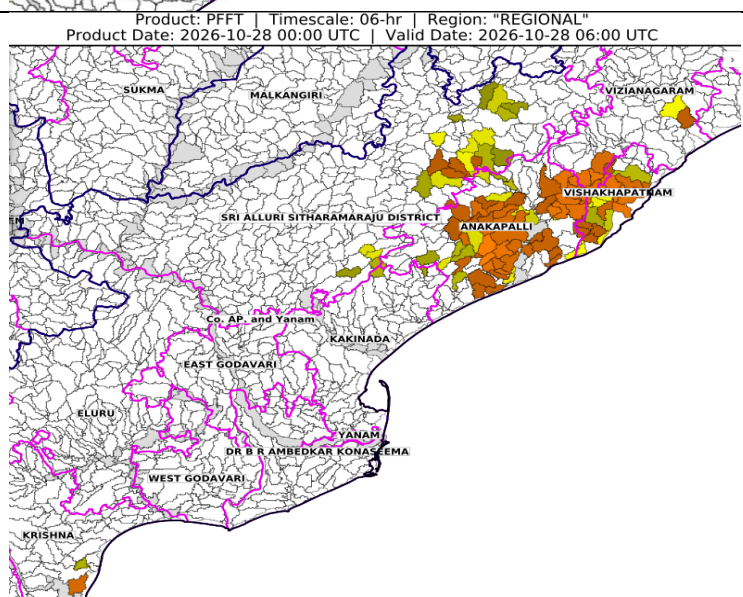


**Persistent Flash Flood  
Threat (PFFT) till 1130  
IST of 28-10-2026:**

**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

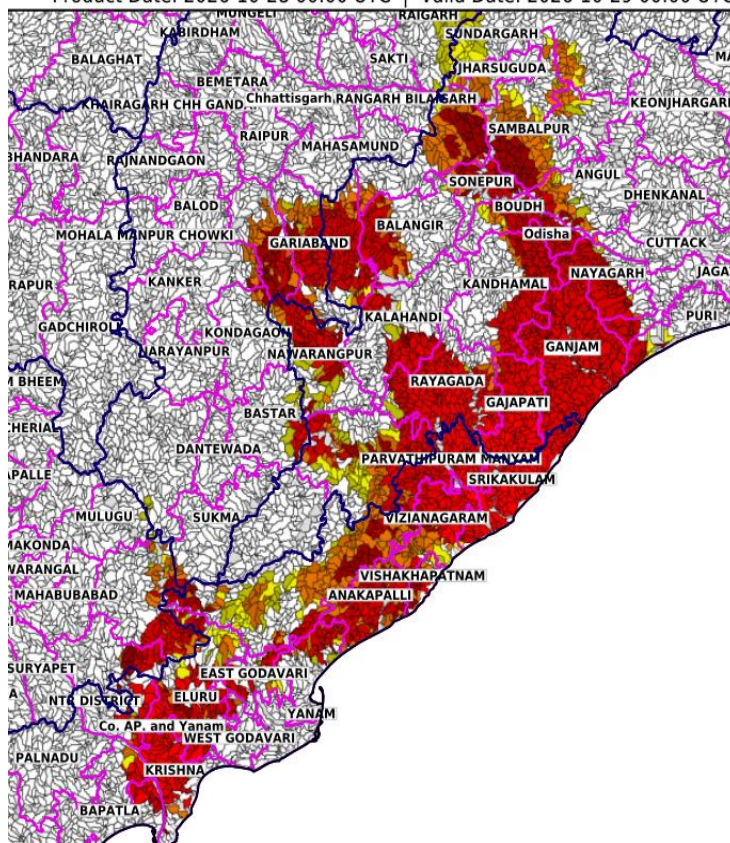
**Odisha:** Koraput, Nawarangpur, Rayagada, Kalahandi, Nawapara, Balangir, Kandhamal, Ganjam, Gajapati, Khurda, Nayagarh, Puri, Sambalpur, Angul, Deogarh, Boudh, Bargarh, Jharsuguda, Sundargarh and Sonapur districts

**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

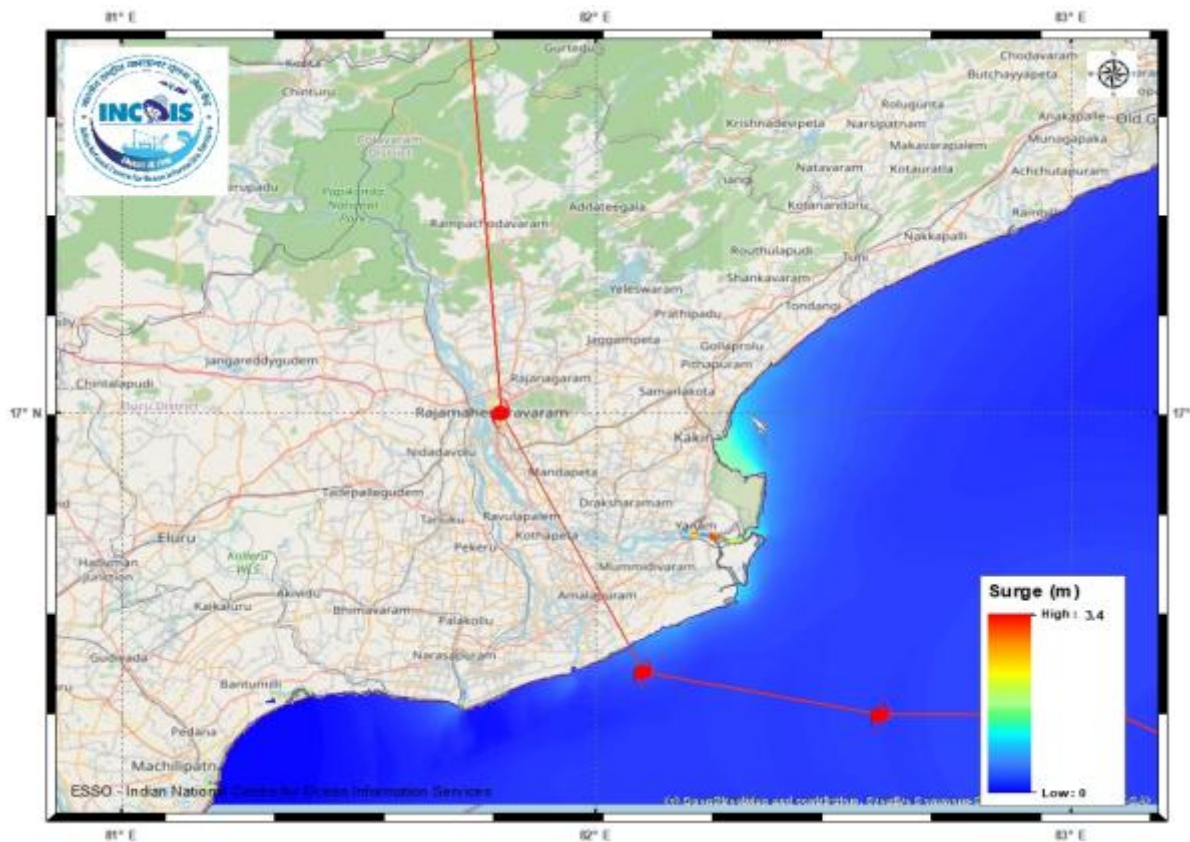




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### STORM SURGE HEIGHT INFORMATION:

| MANDAL/TALUK   | DISTRICT      | STATE / UNION TERRITORY | NEAREST PLACE OF HABITATION | STORM SURGE (m)<br>* | 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