India Meteorological Department
(Ministry of Earth Sciences)

HOURLY UPDATE ON Severe Cyclonic Storm "**Murasu**"

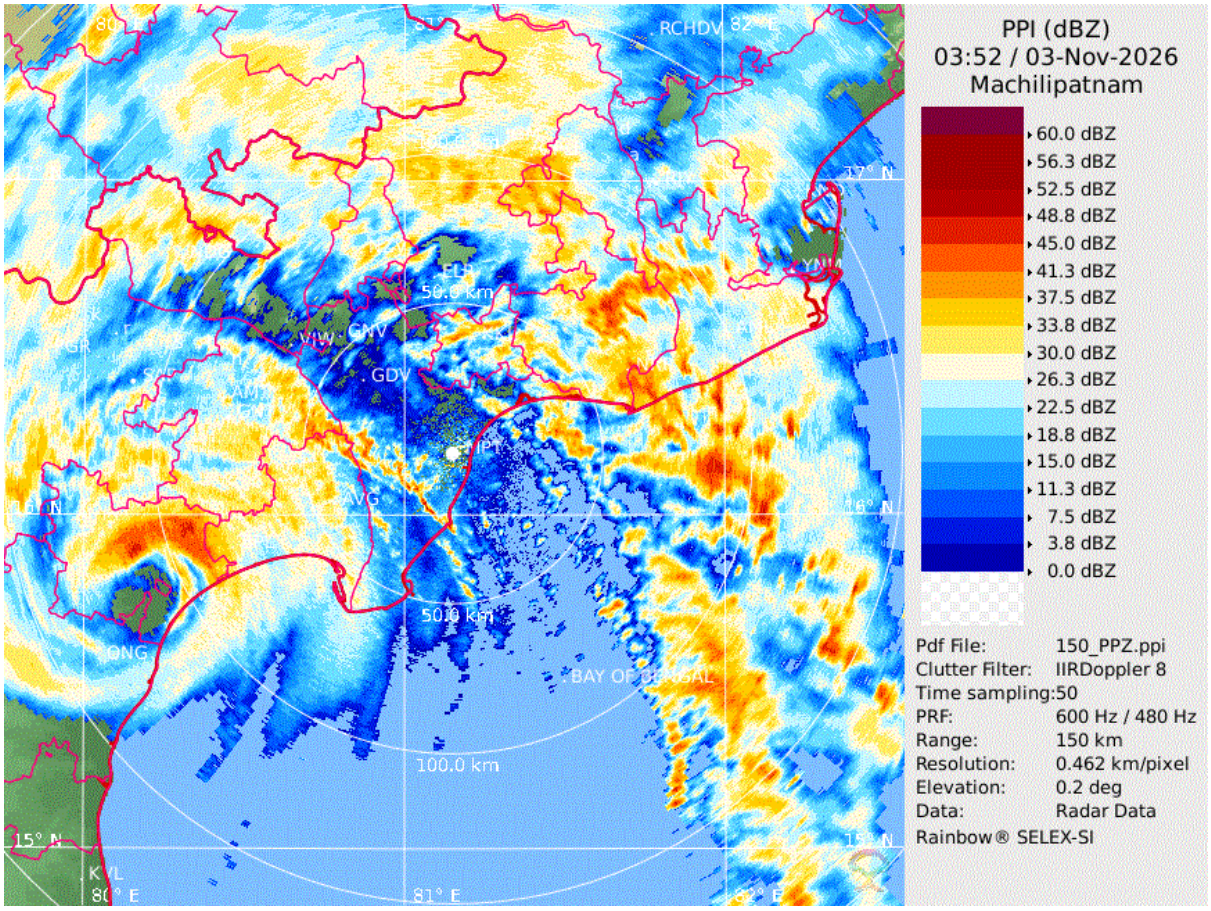
BULLETIN NO. 23

Subject: Severe Cyclonic Storm "Murasu" over south coastal Andhra Pradesh.

DATE: 03-11-2026 TIME OF ISSUE: 1020 HRS IST

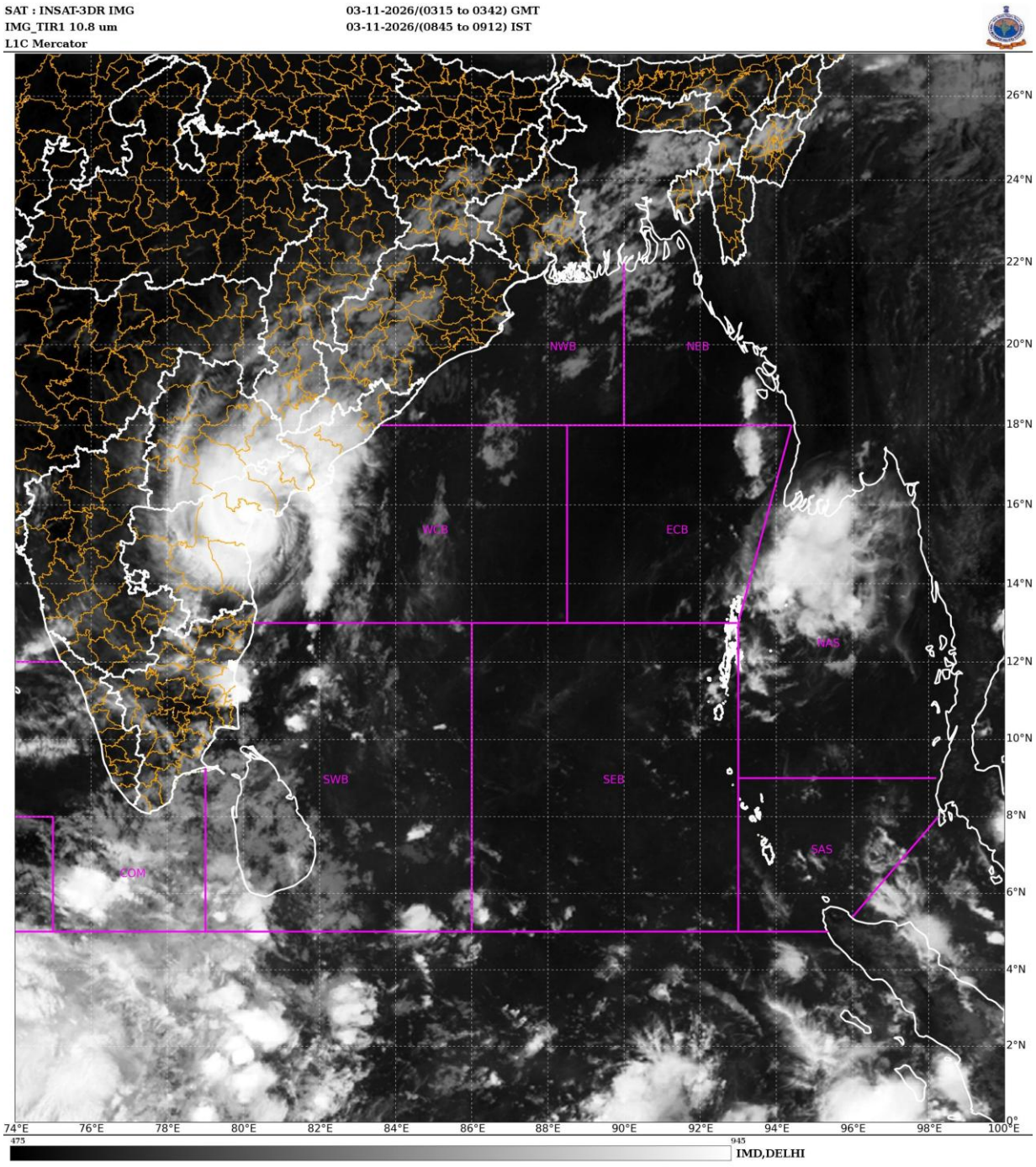
DATE/TIME (IST) OF OBSERVATION	BASED ON 03-11-2026 (0930 HRS IST)
CURRENT LOCATION (LATITUDE/LONGITUDE)	South coastal Andhra Pradesh near **Latitude 15.75°N/Longitude 80.15°E**, • 30 Km North-northeast of ONGOLE • 40 Km West-Southwest of BAPATLA • 90 Km North of KAVALI • 100 Km South-southwest of VIJAYAWADA • 120 Km West-southwest of MACHILIPATNAM
CURRENT INTENSITY NEAR CENTRE	90-100 Kmph Gusting to 110 Kmph
PAST MOVEMENT	• **The Severe Cyclonic Storm MURASU moved north-northwestwards with a speed of 8 kmph during past 6 hours.**
FORECAST MOVEMENTS & INTENSITY	• Likely to move North-northwestwards and weaken gradually into a cyclonic storm (wind speed reaching 80-90 kmph gusting to 100 kmph) by noon and further into a deep depression (wind speed reaching 55-65 kmph gusting to 75 kmph) by midnight of today.
FORECAST STORM SURGE	• Storm surge of about 0.5-1.0 m height above astronomical tide is very likely to inundate low lying areas of South coastal Andhra Pradesh during next 3 hours
FORECAST AND OBSERVED RAINFALL 0830 IST TO 0930 IST OF 3rd NOVEMBER.	• Heavy spells of rainfall likely to continue over South Coastal Andhra Pradesh during next 12 hours. • Veterinary Hospital Pathuru 27.5; Gurijepalli 24.5; Pandrapadu 23; Ramakuru 21.5; Nandigama 17.0.

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Reflectivity imagery from Doppler weather Radar -Machilipatnam

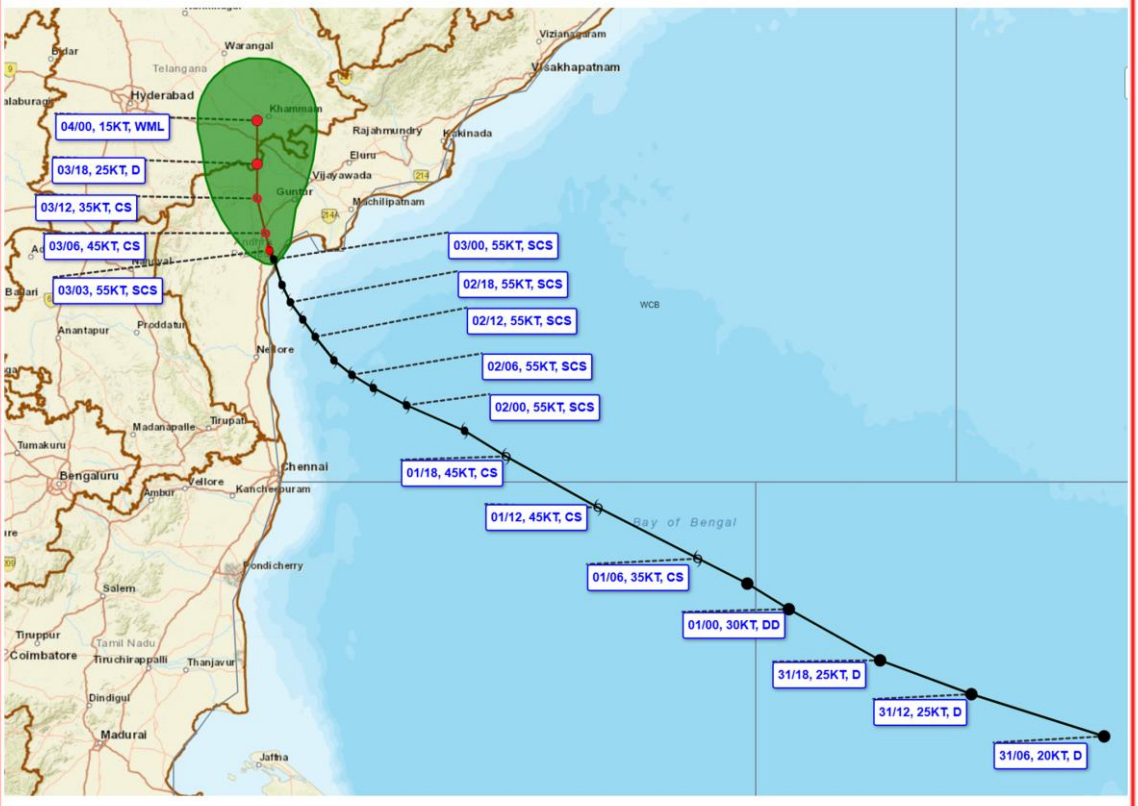
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Satellite imagery from INSAT3DR

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OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM "MURASU" OVER SOUTH COASTAL ANDHRA PRADESH BASED ON 0300 UTC (0830 Hrs. IST) OF 03rd 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)

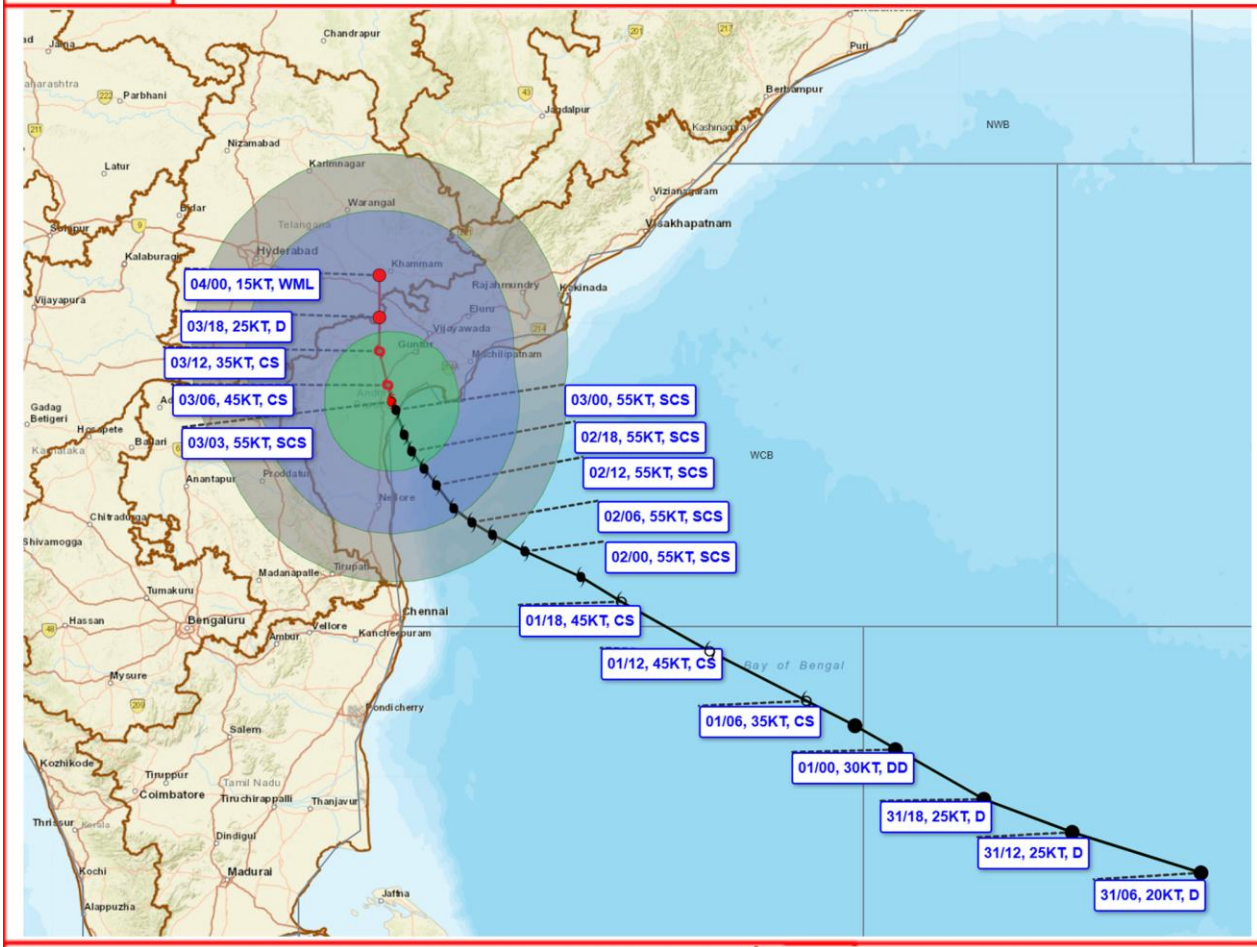
- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

MURASU

				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
03.11.2026 03:00 UTC	0	15.7	80.2	ONGOLE (30, NNE)	BAPATLA (40, SW)	KAVALI (90, NNE)	VIJAYAWADA (100, SSW)	MACHILIPATNAM (120, WSW)

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OBSERVED AND FORECAST TRACK ALONG WITH QUADRANT WIND DISTRIBUTION OF SEVERE CYCLONIC STORM "MURASU" OVER SOUTH COASTAL ANDHRA PRADESH BASED ON 0300 UTC (0830 Hrs. IST) OF 3rd 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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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)

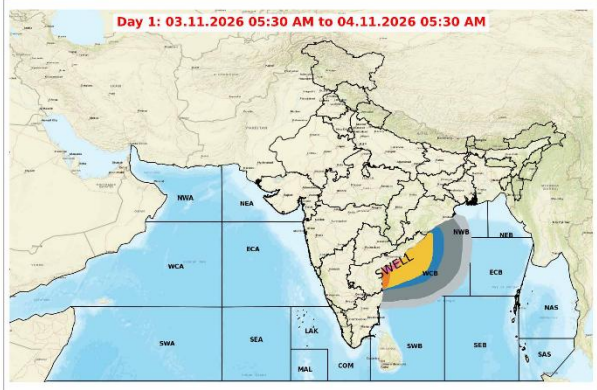
IMPACT OVER THE SEA

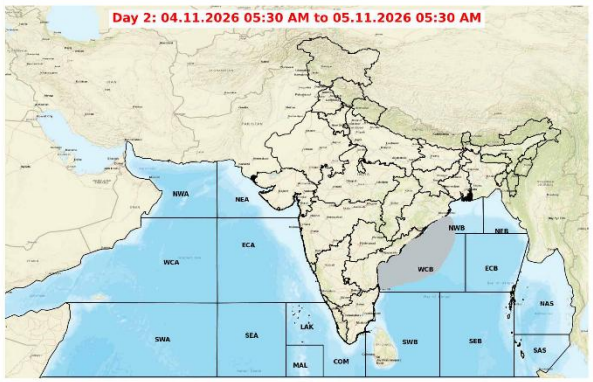
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

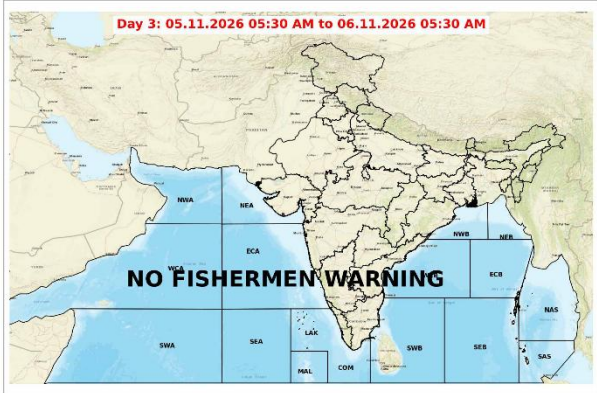
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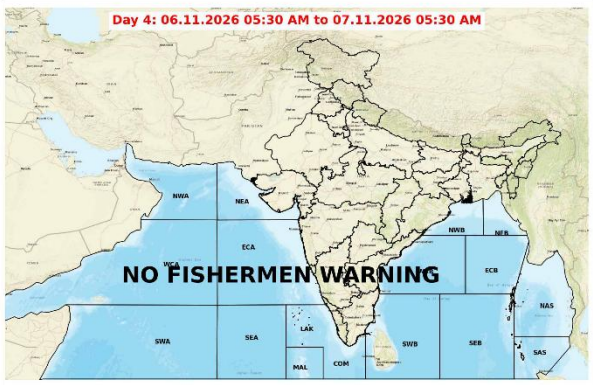
FISHERMEN WARNING GRAPHICS

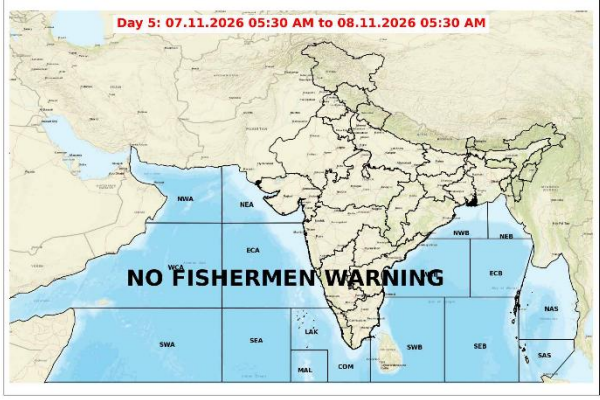
Fishermen Warning Graphics











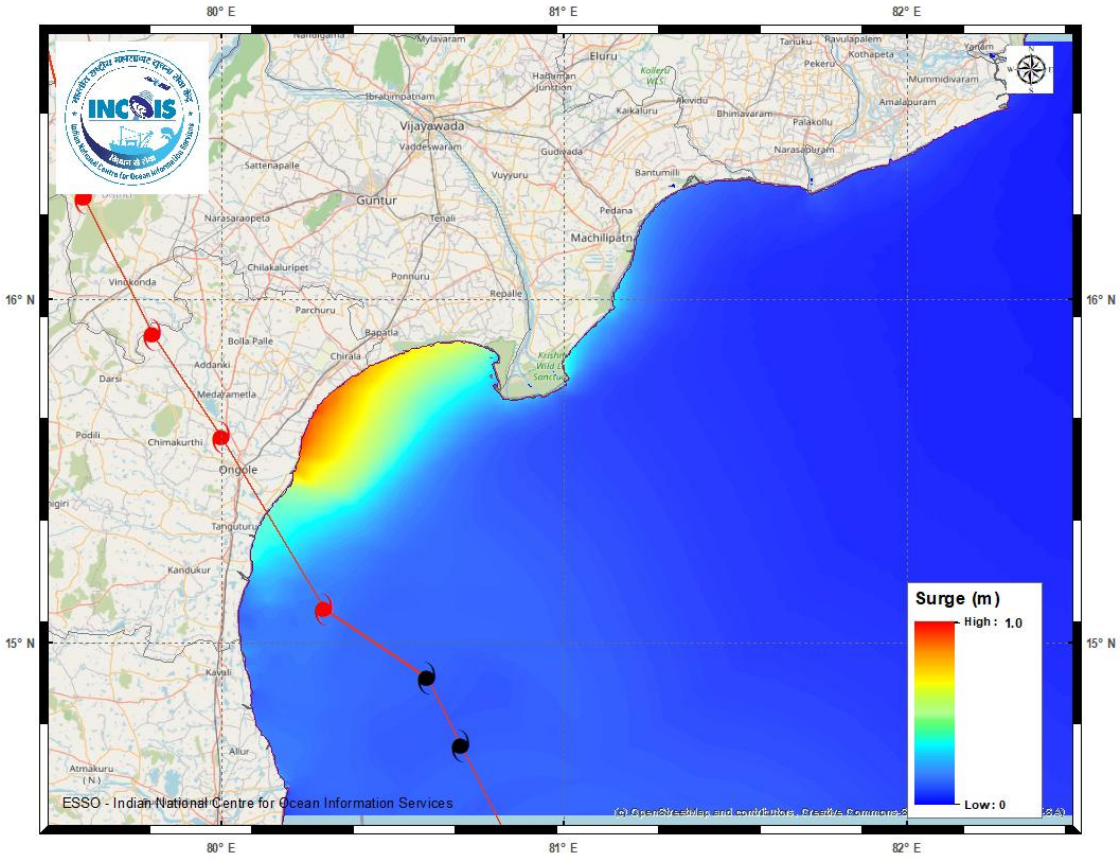
Legend

Squally Weather with wind speed 35-45 kmph gusting to 55 kmph
Squally wind with speed 45-55 kmph gusting to 65 kmph
Deep depression with wind speed 50-60 kmph gusting to 70 kmph
CS with Gale winds with speed 60-90 kmph gusting to 90 kmph
SCS with Gale wind speed 90-110 kmph gusting to 120 kmph
Swell Surge Warning

Fishermen are advised not to venture into the marked areas.

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STORM SURGE HEIGHT INFORMATION:



Storm surge graphics from INCOIS for SCS- Murasu

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24 hours Outlook for the Flash Flood Risk (FFR) till 2330 IST of 03-11-2026 :

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

Coastal Andhra Pradesh & Yanam - Bapatla, Guntur, Krishna, Palnadu, Prakasam and Spsr Nellore 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.

