



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

**HOURLY UPDATE ON CYCLONIC STORM “FENGAL”**

**BULLETIN NO. 1**

DATE: 30-11-2024

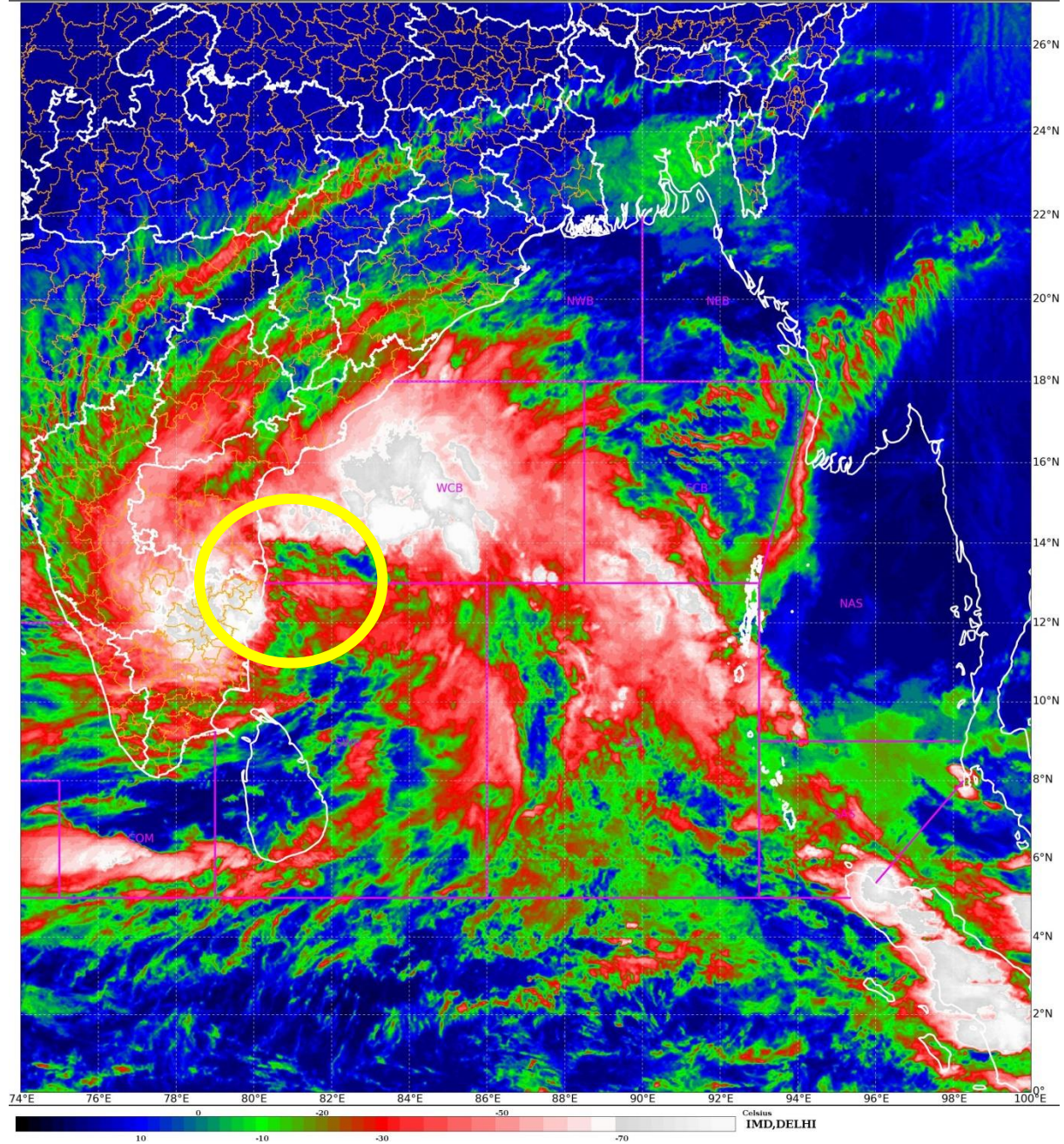
TIME OF ISSUE 1900 HRS IST

<b>DATE/TIME (IST) OF OBSERVATION</b>	<b>BASED ON 30-11-2024 (1730 HRS IST)</b>
<b>LOCATION LATITUDE/LONGITUDE</b>	The Cyclonic Storm “FENGAL” [pronounced as FEINJAL] over Southwest Bay of Bengal moved west-southwestwards with a speed of 7 kmph during past 6 hours and lay centred at 1730 hours IST of today, the 30th November 2024 over the southwest Bay of Bengal off North Tamil Nadu coast near latitude 12.2°N and longitude 80.3°E, about 40 km away from the coast, 50 km south-southeast of Mahabalipuram, 60 km east-northeast of Puducherry and 90 km south of Chennai.
<b>CURRENT INTENSITY WIND SPEED</b>	Cyclonic Storm 70-80 kmph gusting to 90 kmph
<b>FORECAST</b>	<p>Latest observations indicate that the forward sector of spiral bands associated with the cyclone has entered into the land. It is likely to move west-southwestwards and cross north Tamil Nadu-Puducherry coasts between Karaikal and Mahabalipuram close to Puducherry as a cyclonic storm with a wind speed of 70-80 kmph gusting to 90 kmph during next 3 to 4 hours..</p> <p>The system is being continuously monitored by the Doppler Weather Radar at Chennai.</p>
<b>OBSERVED RAINFALL FROM 0830 HRS IST TO 1730 HRS IST (0300-1200 UTC) OF 30<sup>th</sup> NOV. (mm)</b>	<p>Chennai (Meenambakkam): 11.4cm Chennai (Nungambakkam): 10.4cm Puducherry: 9.5cm Cuddalore: 3cm</p>

## SATELLITE IMAGERY

SAT : INSAT-3DR IMG  
IMG\_TIR1\_TEMP 10.8 um  
LIC Mercator

30-11-2024/(1215 to 1242) GMT  
30-11-2024/(1745 to 1812) IST





# RADAR OBSERVATIONS (MAX\_Z) OF DWR CHENNAI

