



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

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

**BULLETIN NO. 07**

DATE: 01-12-2024

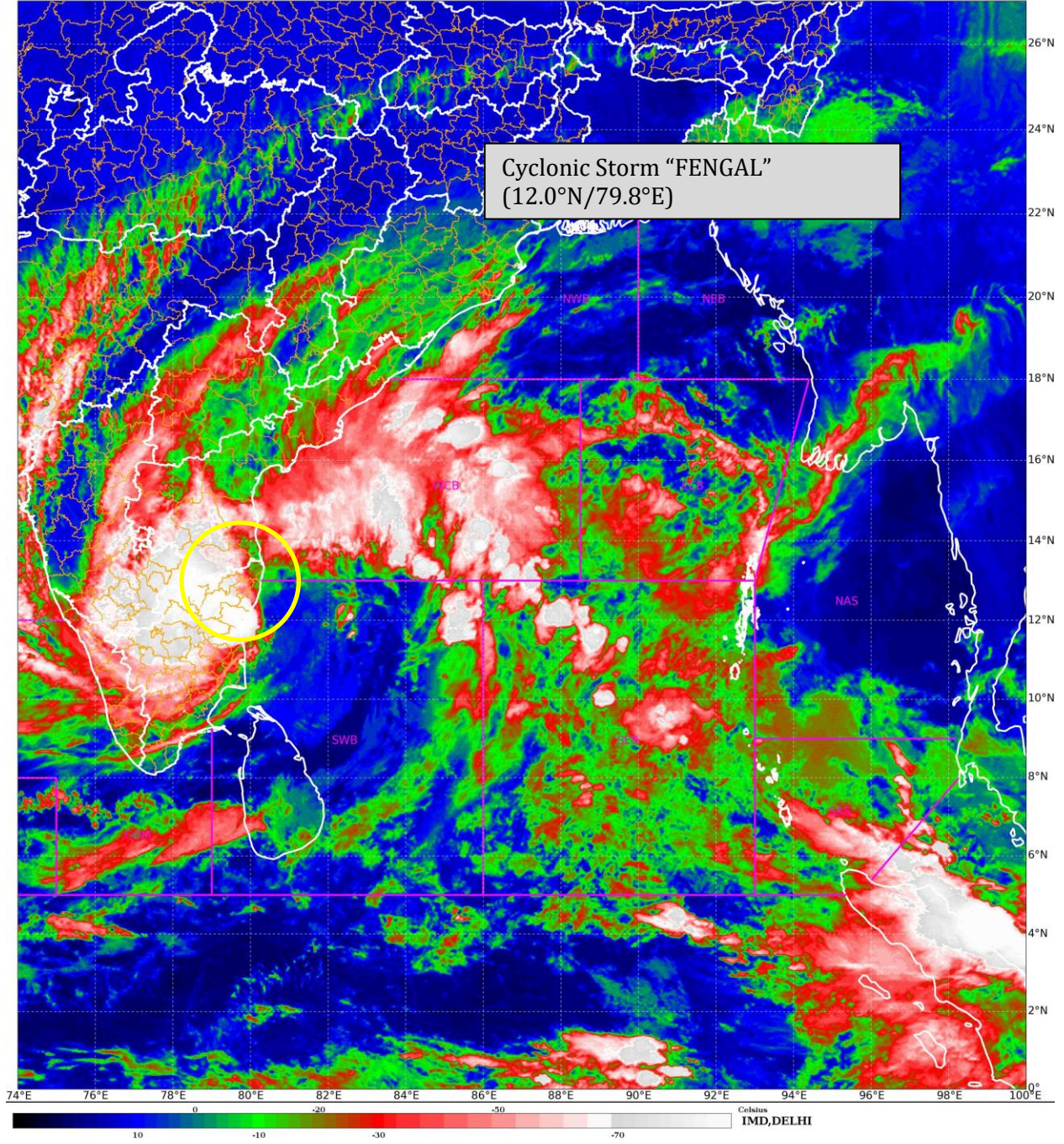
TIME OF ISSUE 0030 HRS IST

<b>DATE/TIME (IST) OF OBSERVATION</b>	<b>BASED ON 30-11-2024 (2330 HRS IST)</b>
LOCATION LATITUDE/LONGITUDE	The Cyclonic Storm “FENGAL” [pronounced as FEINJAL] over Southwest Bay of Bengal moved west-southwestwards with a speed of 10 kmph during past 6 hours, crossed North Tamil Nadu & Puducherry coasts near latitude 12.05°N and longitude 79.9°E, close to Puducherry, between 2230 hrs IST and 2330 hrs IST of yesterday, the 30 <sup>th</sup> November 2024 as a cyclonic storm with a wind speed of 70-80 kmph gusting to 90 kmph. It lay centered at 2330 hours IST of yesterday, the 30 <sup>th</sup> November 2024 over north coastal Tamilnadu & Puducherry near latitude 12.0°N and longitude 79.8°E, close to Puducherry.
CURRENT INTENSITY WIND SPEED	Cyclonic Storm 65-75 kmph gusting to 85 kmph
FORECAST	It will continue to move west-southwestwards slowly and weaken gradually into a deep depression during the next 3 hours.  The system is being continuously monitored by the Doppler Weather Radar at Chennai & Karaikal.
OBSERVED RAINFALL FROM 0830 HRS IST TO 2330 HRS IST (0300-1800 UTC) OF 30 <sup>th</sup> NOV. (cm)	Chennai (Meenambakkam): 11.4cm Chennai (Nungambakkam): 11.4cm Puducherry: 30 cm Cuddalore:8.3cm

# SATELLITE IMAGERY

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

30-11-2024/(1815 to 1842) GMT  
30-11-2024/(2345 to 0012) IST



# RADAR OBSERVATIONS (MAX\_Z) OF DWR CHENNAI

