



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

HOURLY UPDATE ON CYCLONIC STORM “FENGAL”

BULLETIN NO. 02

DATE: 30-11-2024

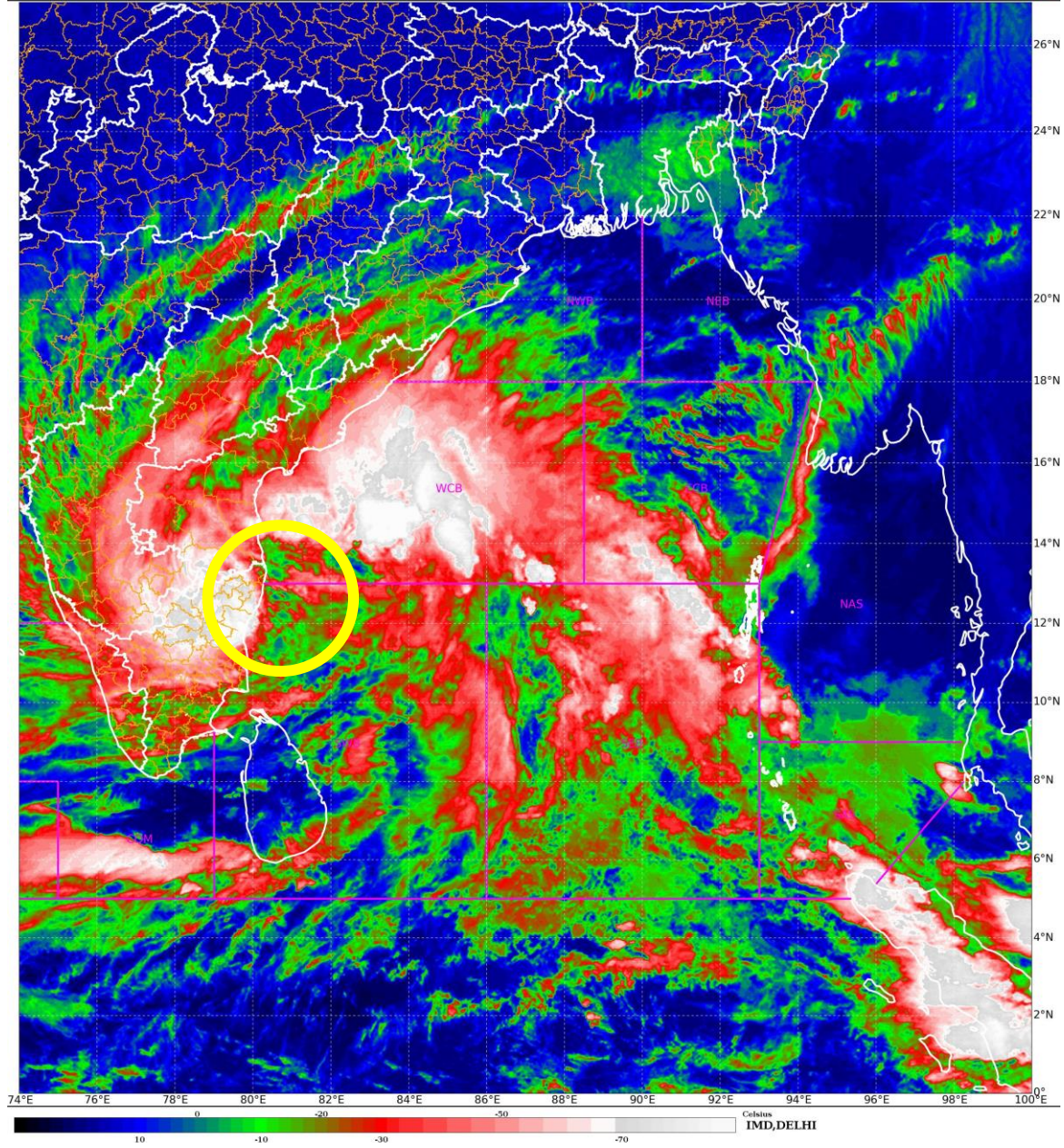
TIME OF ISSUE 1920 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 30-11-2024 (1830 HRS IST)
LOCATION LATITUDE/LONGITUDE	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.
CURRENT INTENSITY WIND SPEED	Cyclonic Storm 70-80 kmph gusting to 90 kmph
FORECAST	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. The system is being continuously monitored by the Doppler Weather Radar at Chennai.
OBSERVED RAINFALL FROM 0830 HRS IST TO 1730 HRS IST (0300-1200 UTC) OF 30 th NOV. (mm)	Chennai (Meenambakkam): 11.4cm Chennai (Nungambakkam): 10.4cm Puducherry: 9.5cm Cuddalore: 3cm

SATELLITE IMAGERY

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

30-11-2024/(1245 to 1312) GMT
30-11-2024/(1815 to 1842) IST



RADAR OBSERVATIONS (MAX_Z) OF DWR CHENNAI

