



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

HOURLY UPDATE ON CYCLONIC STORM “FENGAL”

BULLETIN NO. 04

DATE: 30-11-2024

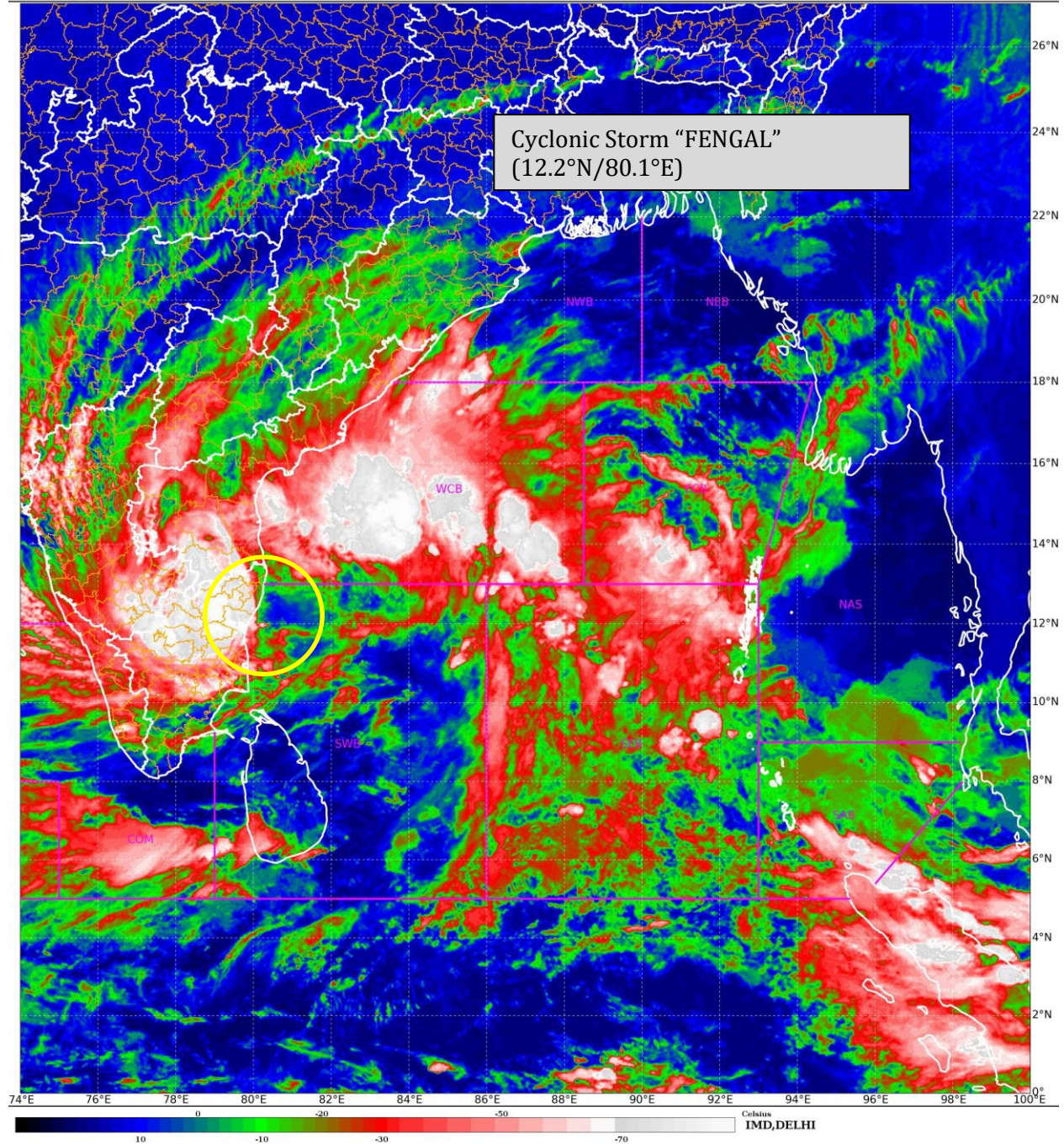
TIME OF ISSUE 2130 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 30-11-2024 (2030 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 2030 hours IST of today, the 30th November 2024 over the southwest Bay of Bengal close to North Tamil Nadu - Puducherry coasts near latitude 12.2°N and longitude 80.1°E, about 15 km away from the coast, 50 km south-southwest of Mahabalipuram, 40 km northeast of Puducherry and 90 km south of Chennai.
CURRENT INTENSITY WIND SPEED	Cyclonic Storm 70-80 kmph gusting to 90 kmph
FORECAST	<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 hours. Landfall process will continue during the same period.</p> <p>The system is being continuously monitored by the Doppler Weather Radar at Chennai.</p>
OBSERVED RAINFALL FROM 0830 HRS IST TO 2030 HRS IST (0300-1500 UTC) OF 30 th NOV. (mm)	Chennai (Meenambakkam): 11.4cm Chennai (Nungambakkam): 10.4cm Puducherry: 14.4 cm Cuddalore: 3cm

SATELLITE IMAGERY

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

30-11-2024/(1515 to 1542) GMT
30-11-2024/(2045 to 2112) IST



RADAR OBSERVATIONS (MAX_Z) OF DWR CHENNAI

