



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

HOURLY UPDATE ON CYCLONIC STORM “FENGAL”

BULLETIN NO. 06

DATE: 30-11-2024

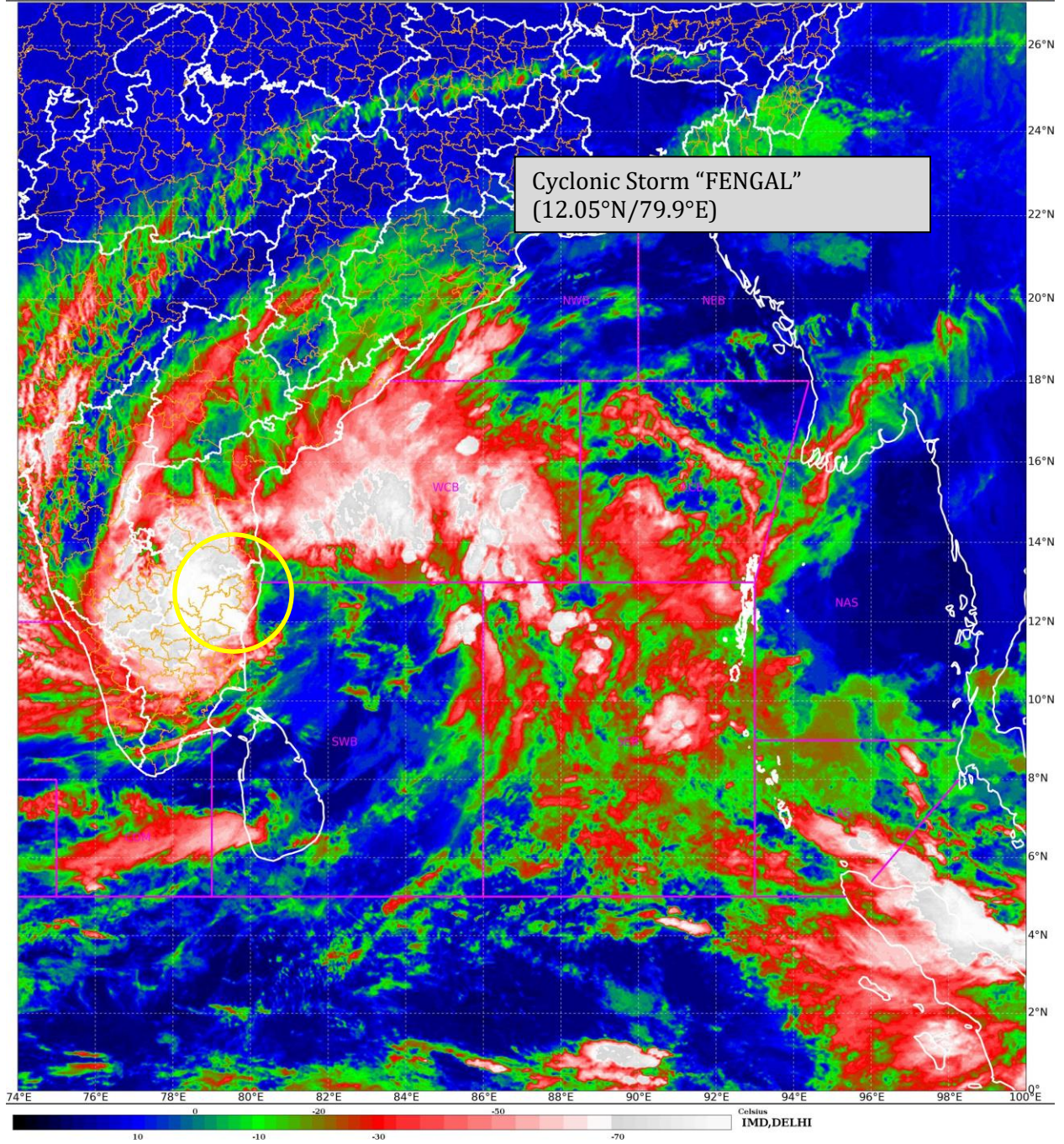
TIME OF ISSUE 2330 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 30-11-2024 (2230 HRS IST)
LOCATION LATITUDE/LONGITUDE	The Cyclonic Storm “FENGAL” [pronounced as FEINJAL] over Southwest Bay of Bengal moved west-southwestwards with a speed of 9 kmph during past 5 hours and lay centred at 2230 hours IST of today, the 30th November 2024 over the southwest Bay of Bengal very close to North Tamil Nadu - Puducherry coasts near latitude 12.05°N and longitude 79.9°E, 70 km south-southwest of Mahabalipuram, 15 km northeast of Puducherry and 110 km south-southwest of Chennai.
CURRENT INTENSITY WIND SPEED	Cyclonic Storm 70-80 kmph gusting to 90 kmph
FORECAST	<p>Latest observations indicate that the center of the cyclone is crossing the coast. It is very 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 the next 1 hour. After landfall, it will continue to move west-southwestwards and weaken gradually into a deep depression during next 6 hours.</p> <p>The system is being continuously monitored by the Doppler Weather Radar at Chennai.</p>
OBSERVED RAINFALL FROM 0830 HRS IST TO 2230 HRS IST (0300-1700 UTC) OF 30th NOV. (cm)	Chennai (Meenambakkam): 11.4cm Chennai (Nungambakkam): 11.4cm Puducherry: 22.5 cm Cuddalore:8.3cm

SATELLITE IMAGERY

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

30-11-2024/(1715 to 1742) GMT
30-11-2024/(2245 to 2312) IST



RADAR OBSERVATIONS (MAX_Z) OF DWR CHENNAI

