



REGIONAL SPECIALISED METEOROLOGICAL CENTRE -TROPICAL CYCLONES, NEW DELHI SPECIAL TROPICAL WEATHER OUTLOOK

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 28.09.2026

SPECIAL TROPICAL WEATHER OUTLOOK FOR THE NORTH INDIAN OCEAN (THE BAY OF BENGAL AND THE ARABIAN SEA) VALID FOR THE NEXT 168 HOURS ISSUED AT 0900 UTC OF 28.09.2026 BASED ON 0600 UTC OF 28.09.2026.

Sub: Deep Depression over north Andaman Sea & adjoining Myanmar coast

The Depression over north Andaman Sea & adjoining Myanmar coast moved north-northwestwards with a speed of 10 kmph during past 3 hours, intensified into a deep depression and lay centred at 0600 UTC of today, the 28th September 2026 over the same region near latitude 16.4°N and longitude 97.3°E, about 40 km west-southwest of Mawlamyine (48103, Myanmar), 130 km east-southeast of Yangon (48097, Myanmar), 130 km southeast of Bago (48093, Myanmar), 490 km east-northeast of Coco Island (48109, Myanmar) and 610 km northeast of Mayabandar (Andaman Islands, India).

Continuing to move north-northwestwards, it is very likely to cross Myanmar coast between Yangon (Myanmar) and Kyaikto (Myanmar) around 1500 UTC of today, the 28th September, 2026. Thereafter, it is likely to continue to move further north-northwestwards across coastal Myanmar and adjoining Eastcentral & Northeast Bay of Bengal and southeast Bangladesh during next 2 days.

The forecast track and intensity of the system is given below:

Date/Time (UTC)	Position (Lat. °N/ Long. °E)	Maximum Sustained Surface Wind Speed (Kmph)	Category Of Cyclonic Disturbance
28.09.26/0600	16.4/97.3	50-60 gusting 70	Deep Depression
28.09.26/1200	16.9/97.1	55-65 gusting 75	Deep Depression
28.09.26/1800	17.4/96.9	50-60 gusting 70	Deep Depression
29.09.26/0000	17.9/96.7	45-55 gusting 65	Depression
29.09.26/0600	18.5/96.4	45-55 gusting 65	Depression
29.09.26/1800	19.6/95.9	40-50 gusting 60	Depression
30.09.26/0600	20.9/95.2	30-40 gusting 50	Well Marked Low Pressure Area

The estimated central pressure is 1002 hPa and associated maximum sustained wind speed is 25 kt gusting to 35 kt.

Mawlamyine (48103, Myanmar) reported MSLP 1003.0 hPa, Maximum Sustained Wind (MSW) speed as 220⁰/04 kt.

Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C, (b) Moderate: CTT:-25°Cto-40°C, (c) Intense: CTT: -41°Cto -70°C and (d) Very Intense::Less than -70°C Probability of cyclogenesis (formation of depression) :NIL:0%, LOW:1-33%, MODERATE:34-66% and HIGH:67-100%

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As per INSAT 3D(S), the intensity of the system is T2.0. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over Andaman Islands area, north Andaman Sea, south Myanmar, Thailand and Gulf of Thailand (Minimum Cloud Top Temperature (CTT) is -70 to -90°C).

Remarks

Madden Julian Oscillation index is in phase 1 with amplitude more than 1 and is likely to loop in the same phase during next 7 days with amplitude remaining more than 1. The sea surface temperature (SST) is 29-30°C. The low level vorticity in the lower tropospheric levels is the same and is around $150 \times 10^{-6} \text{ s}^{-1}$ at 850 around the system centre. Vertically it is extending upto mid-tropospheric level. The lower level convergence is around $40 \times 10^{-6} \text{ s}^{-1}$ to the southwest of system centre. Upper level divergence is $30 \times 10^{-6} \text{ s}^{-1}$ to the southwest of the system centre. The mid shear is low to moderate (10-15kt) and anticyclonic over the system area and along the predicted path. The total precipitable water imagery indicates warm moist air incursion into the core. There is good equatorward outflow. Under these favourable features, the system intensified into a deep depression at 0600 UTC of today.

However, various numerical models are not indicating significant intensification of this system. Models are consistent wrt north-northwestwards movement along and off Myanmar–Bangladesh coasts towards northeast Bay of Bengal & adjoining Bangladesh during next 2-3 days.

Guidance from numerical models:

Based on the observations and guidance from various numerical models:

Confidence Level in estimation of current location and intensity: **High**

Confidence Level in prediction of forecast track: **Mod**

Confidence Level in prediction of forecast intensity: **Mod**

Considering all the above, it is inferred that the deep depression **over north Andaman Sea & adjoining Myanmar coast** is very likely to move further north-northwestwards across coastal Myanmar and adjoining Eastcentral & Northeast Bay of Bengal and southeast Bangladesh during next 2 days.

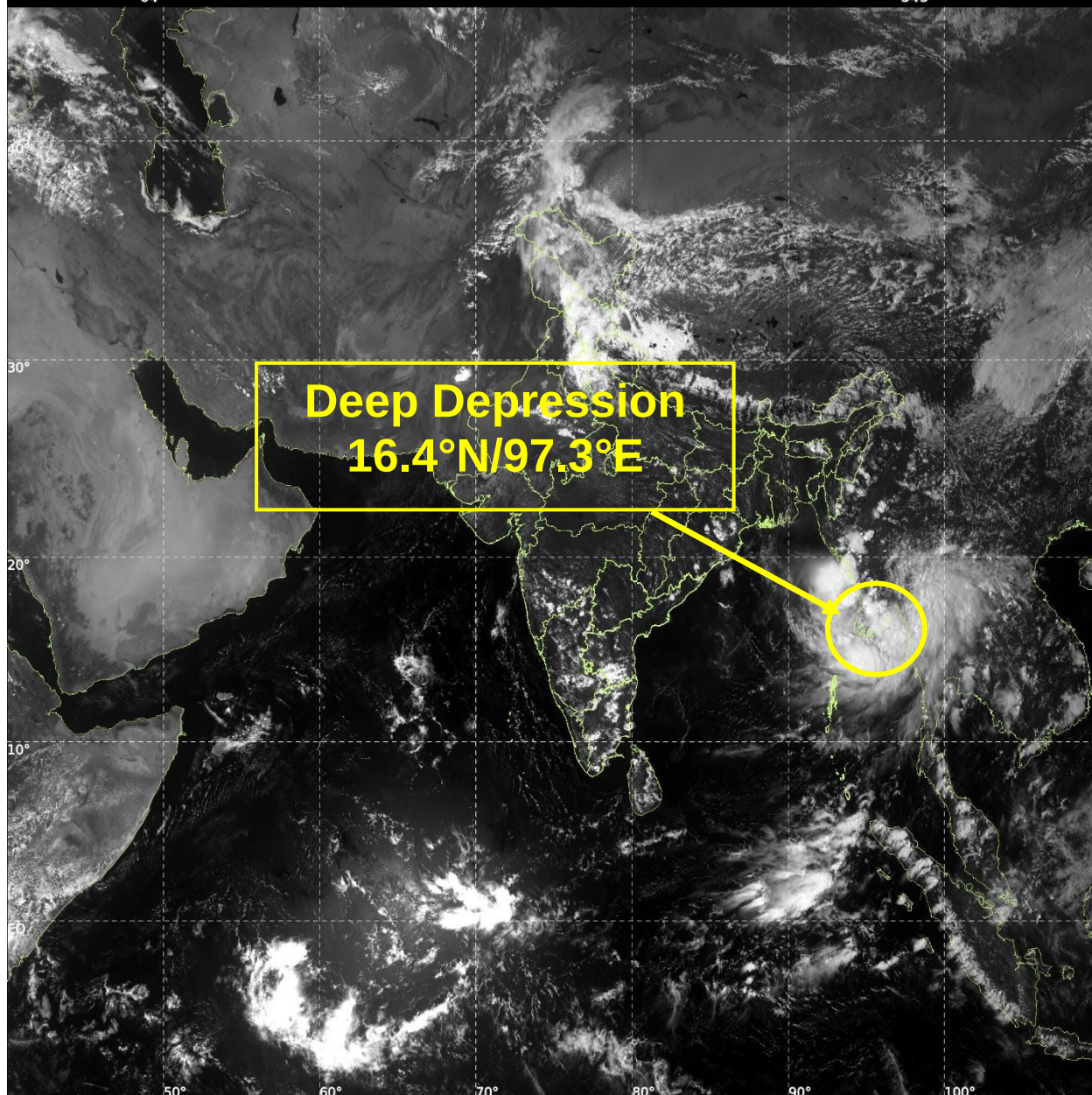
Dr. D. R. PATTANAIK
Head, RSMC
RSMC NEW DELHI



INSAT-3DS IMG, Visible Count @ 0.65 μm
GMT:28-09-2026/(0830-0857) IST:28-09-2026/(1400-1427)
L1C MERCATOR (LINEAR STRETCH: 0.5%)

64

343

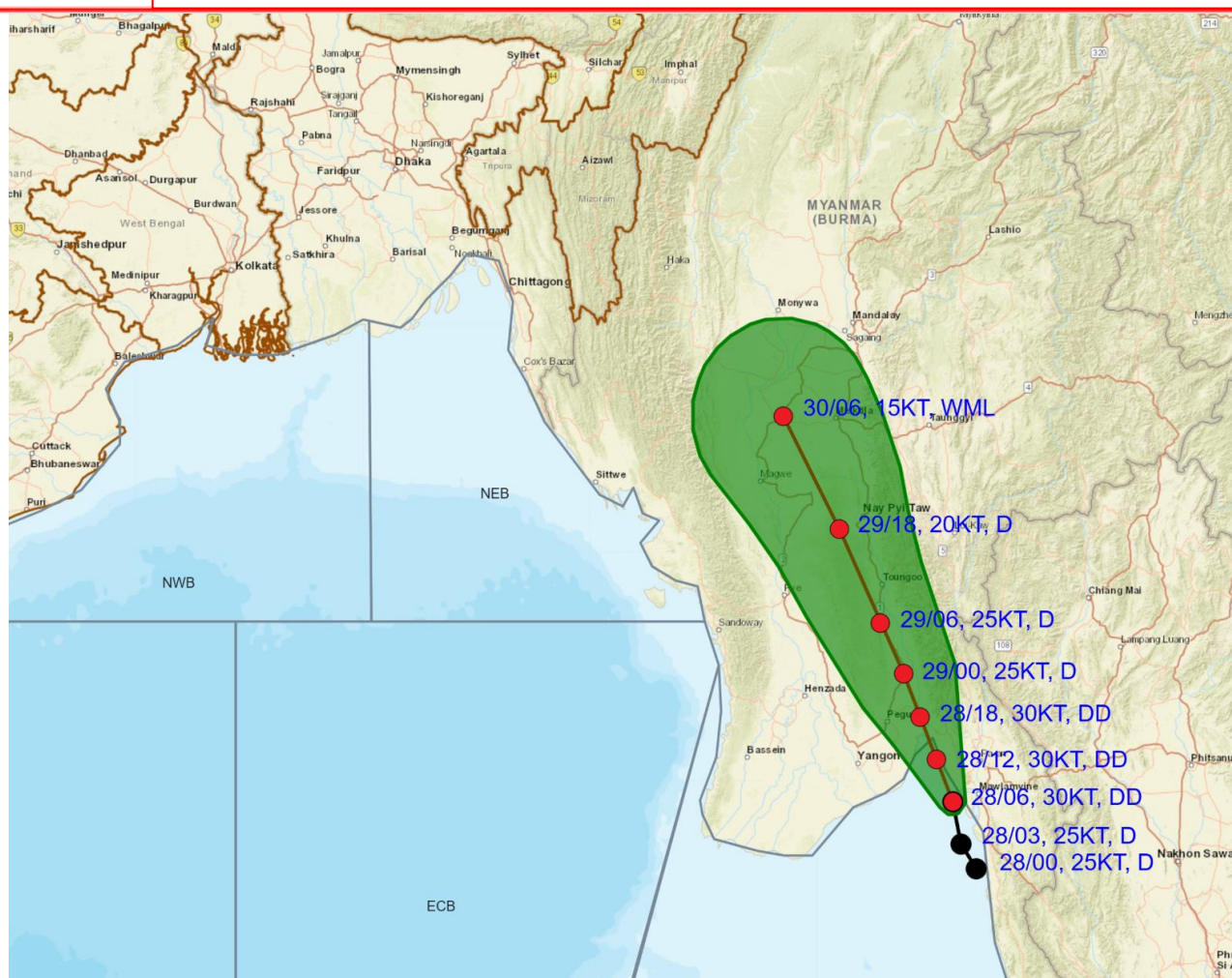


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OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER NORTH ANDAMAN SEA AND ADJOINING MYANMAR COAST BASED ON 0600 UTC (1130 Hrs. IST) OF 28TH SEPTEMBER 2026



DATE/TIME IN UTC

IST= UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

D: DEPRESSION (17-27 KT)

DD: DEEP DEPRESSION (28-33 KT)

CS: CYCLONIC STORM (34-47 KT)

SCS: SEVERE CYCLONIC STORM (48-63 KT)

VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)

ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT

○ 34-47 KT

○ ≥ 48 KT

■ OBSERVED TRACK

■ FORECAST TRACK

▲ CONE OF UNCERTAINTY

DD

Forecast distance (km) and direction of the centre from nearest 5 stations

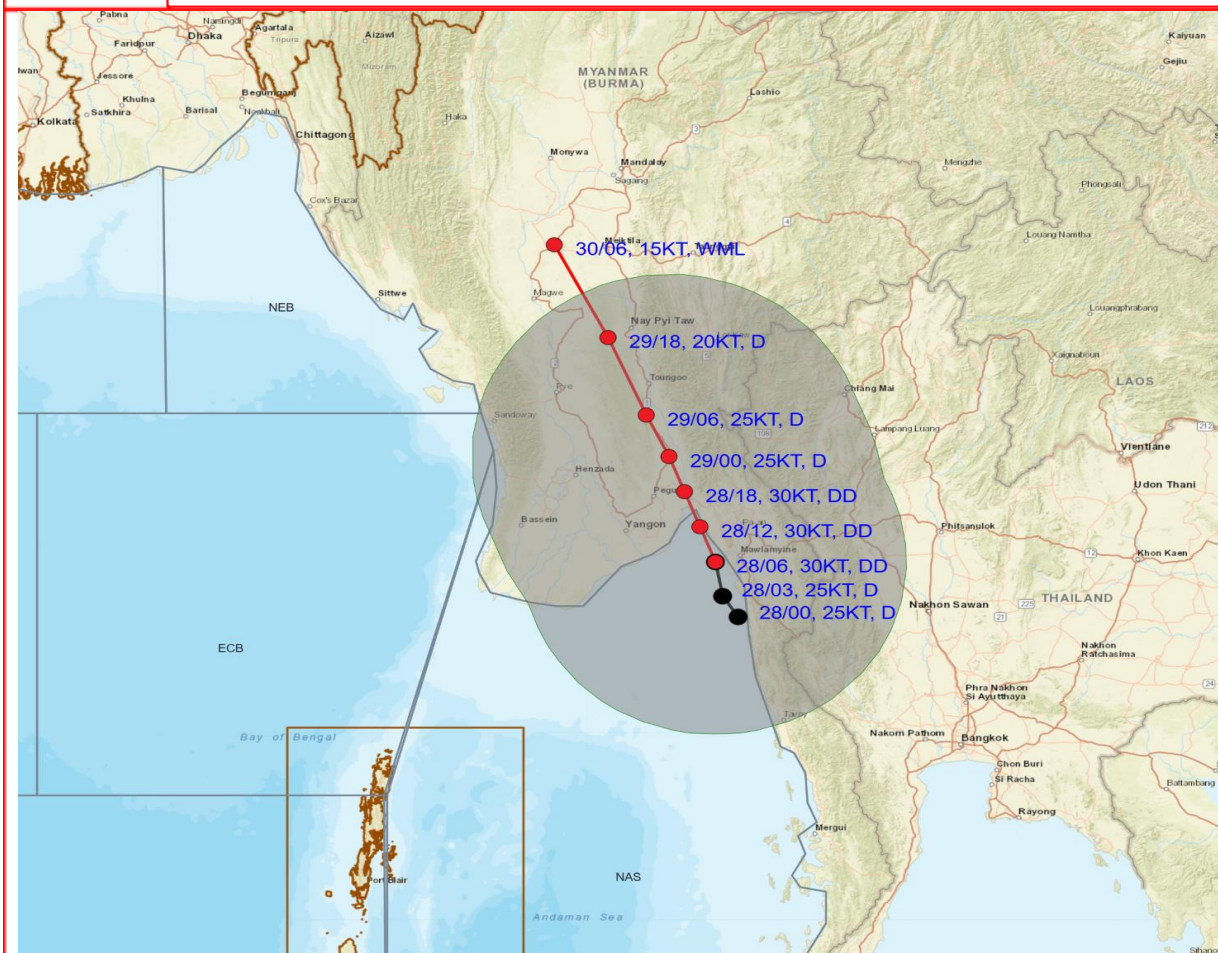
Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
28.09.2026 06:00 UTC	0	16.4	97.3	MAWLAMYINE (40, WSW)	YANGON (130, ESE)	BAGO (130, SE)	COCO ISLAND (490, ENE)	MAYABANDAR (610, NE)

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OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER NORTH ANDAMAN SEA AND ADJOINING MYANMAR COAST BASED ON 0600 UTC (1130 Hrs. IST) OF 28TH SEPTEMBER 2026



DATE/TIME IN UTC

IST= UTC + 0530

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SuCS: SUPER CYCLONIC STORM (≥120 KT)

● LESS THAN 34 KT

● 34-47 KT

● ≥ 48 KT

■ OBSERVED TRACK

■ FORECAST TRACK

▲ CONE OF UNCERTAINTY

AREA OF MAXIMUM SUSTAINED WIND SPEED:

■ 28-33 KT (52-61 KMPH)

■ 34-49 KT (62-91 KMPH)

■ 50-63 KT (92-117 KMPH)

■ ≥ 64 KT (≥ 118 KMPH)

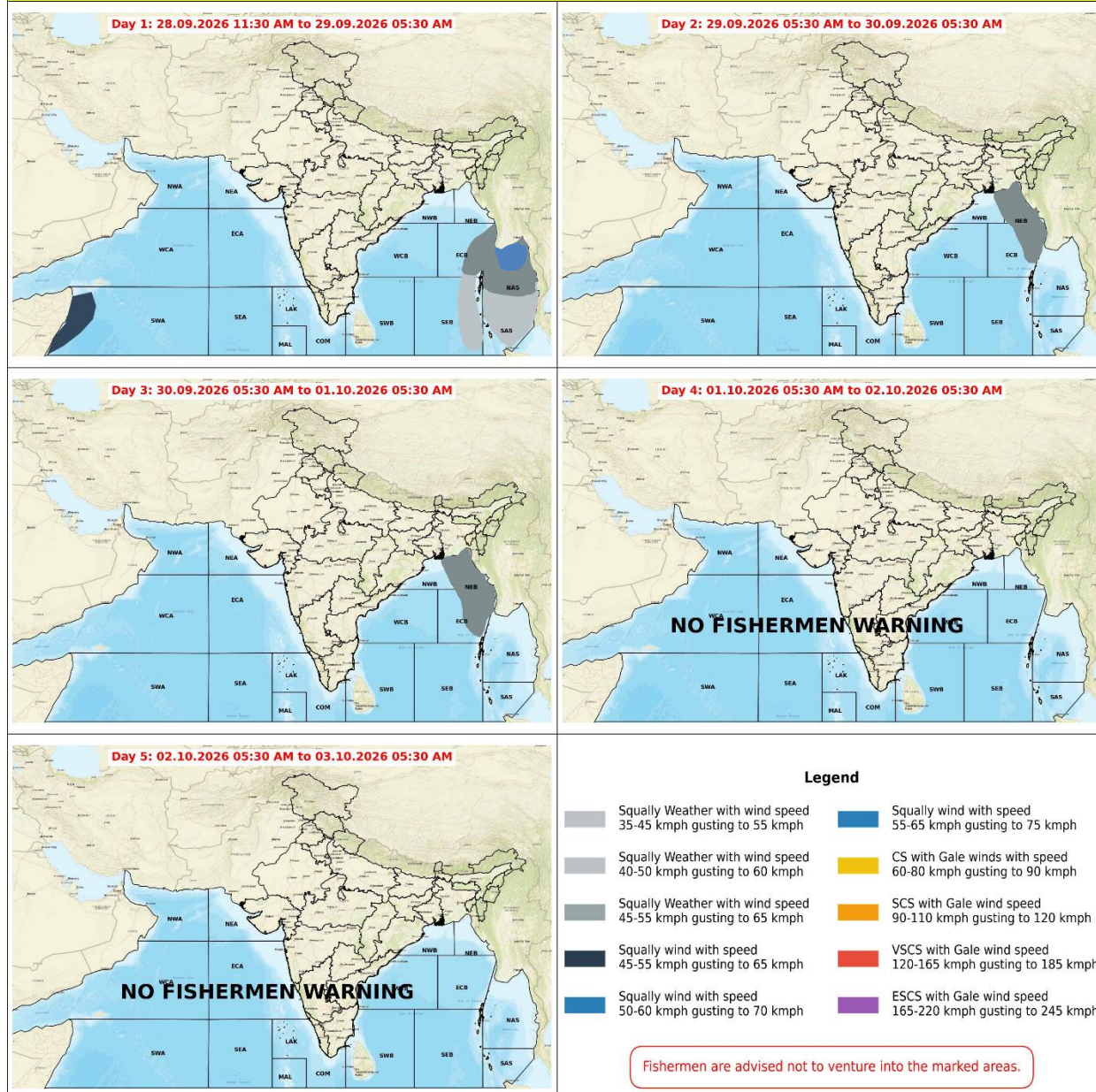
IMPACT OVER THE SEA

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥ 118)	Phenomenal	Total suspension of fishing operations

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Fishermen Warning Graphics



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