



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 2100 UTC OF 28.09.2026 BASED ON 1800 UTC OF 28.09.2026.

Sub: Deep Depression has crossed the Myanmar coast and lay over coastal Myanmar

The Deep Depression over north Andaman Sea & adjoining Myanmar coast moved north-northwestwards with a speed of 13 kmph during past 6 hours and crossed the Myanmar coast closed to east of Kyaikto during 1400 UTC to 1600 UTC of today, the 28th September 2026, as a Deep Depression with maximum sustained wind speed of 50-60 kmph gusting to 70 kmph.

Thereafter, it moved north-northwestwards and lay centred at 1800 UTC of today, the 28th September 2026 over the coastal Myanmar near latitude 17.6°N and longitude 96.8°E, about 40 km north-northwest of Kyaikto (Myanmar), 40 km northeast of Bago (48093, Myanmar), 110 km northeast of Yangon (48097, Myanmar), 150 km south-southeast Toungoo (48078, Myanmar), and 210 km southeast Pyay (48077, Myanmar).

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
28.09.26/1800	17.6/96.8	50-60 gusting 70	Deep Depression
29.09.26/0000	18.1/96.6	45-55 gusting 65	Depression
29.09.26/0600	18.7/96.4	45-55 gusting 65	Depression
29.09.26/1200	19.8/95.9	40-50 gusting 60	Depression
29.09.26/1800	20.5/95.6	40-50 gusting 60	Depression
30.09.26/0600	21.9/95.0	30-40 gusting 50	Well Marked Low Pressure Area

The estimated central pressure is 1002 hPa and associated maximum sustained wind speed is 30 kt gusting to 40 kt.

Mawlamyine (48103, Myanmar) reported MSLP 1010.1 hPa, Maximum Sustained Wind (MSW) speed as 220⁰/03 kt.

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 northeast and eastcentral Bay of Bengal, Andaman Islands area, north Andaman Sea, Myanmar and 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 reduced and is around $100 \times 10^{-6} \text{ s}^{-1}$ at 850 around the system centre. Vertically it is extending upto mid-tropospheric level. The lower level convergence is around $30 \times 10^{-6} \text{ s}^{-1}$ around the system centre. Upper level divergence is $20 \times 10^{-6} \text{ s}^{-1}$ to the around 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 maintains its intensity of deep depression at 1800 UTC of today.

However, various numerical models are not indicating further intensification of this system. Models are consistent w.r.t 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 moved north-northwestwards with a speed of 13 kmph during past 6 hours and crossed the Myanmar coast closed to east of Kyaikto during 1400 UTC to 1600 UTC of today, the 28th September 2026 with maximum sustained wind speed of 50-60 kmph gusting to 70 kmph. 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.

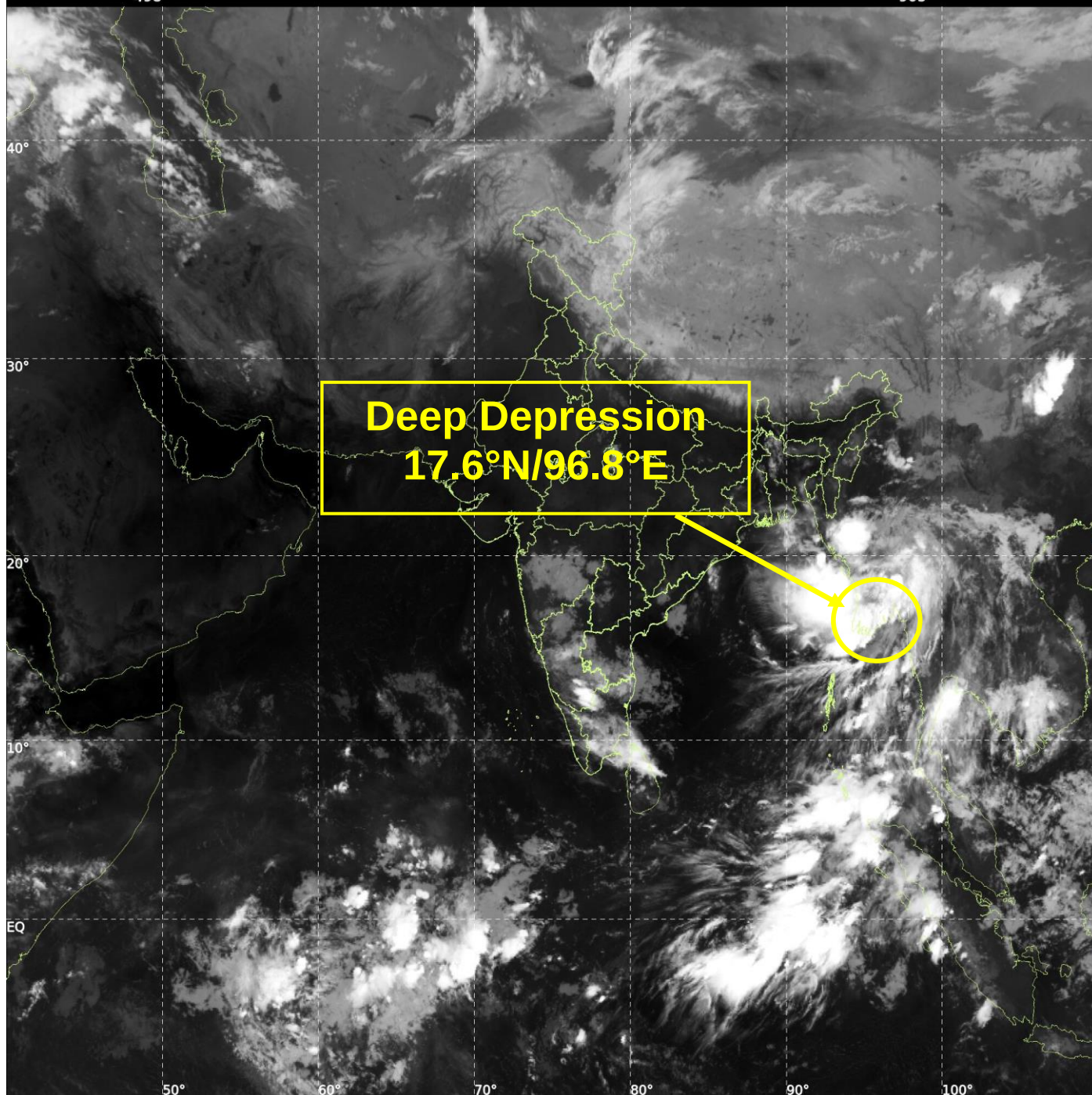
Dr. AMIT BHARDWAJ
SCIENTIST-D
RSMC NEW DELHI



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:28-09-2026/(2000-2027) IST:29-09-2026/(0130-0157)
L1C MERCATOR (LINEAR STRETCH: 1%)

498

905

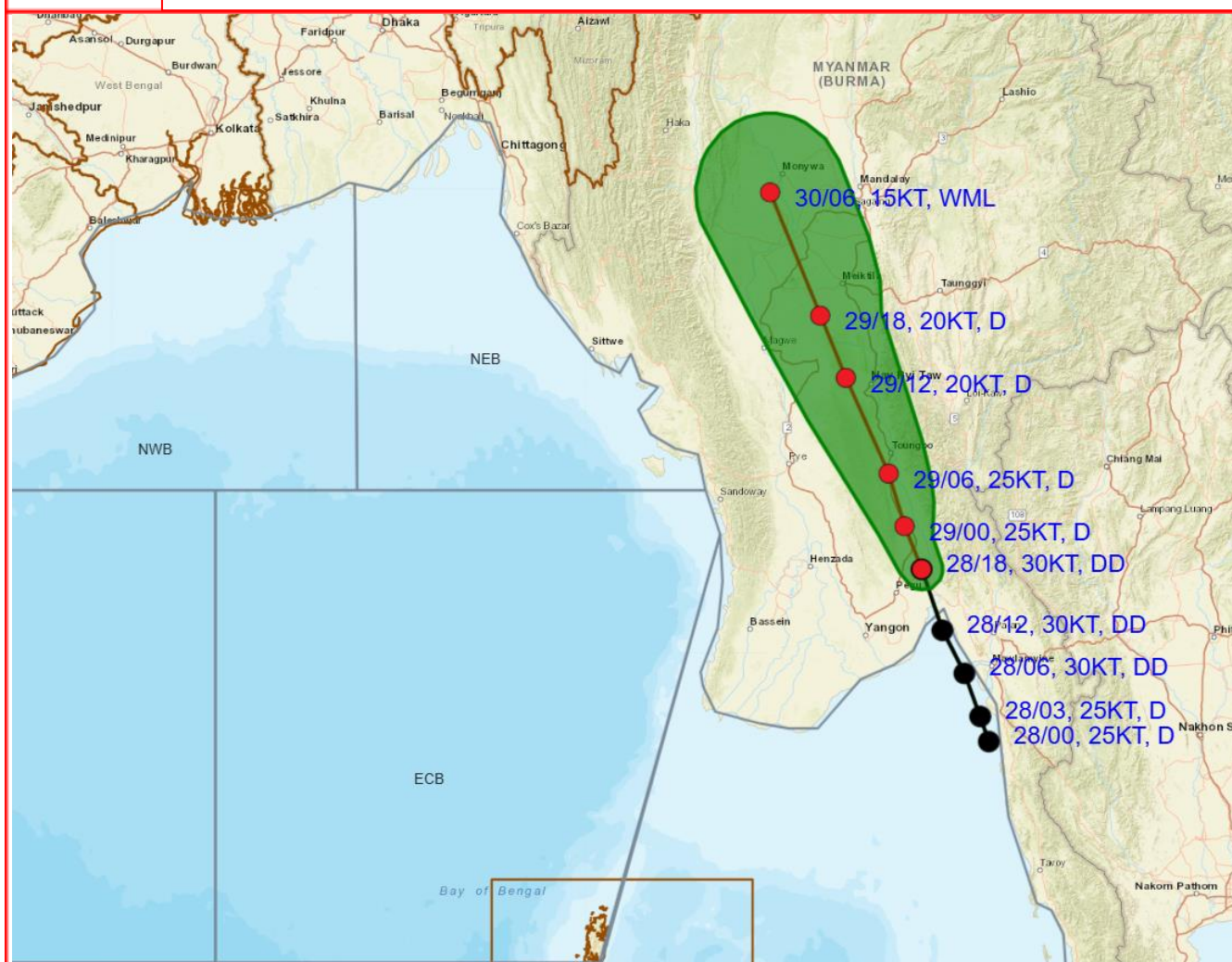


Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C, (b) Moderate: CTT:-25°Cto-40°C, (c) Intense: CTT: -41°Cto -70°C and (d) Very Intense::Less than -70°C Probability of cyclogenesis (formation of depression)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

This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins.



OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER COASTAL MYANMAR BASED ON 1800 UTC (2330 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

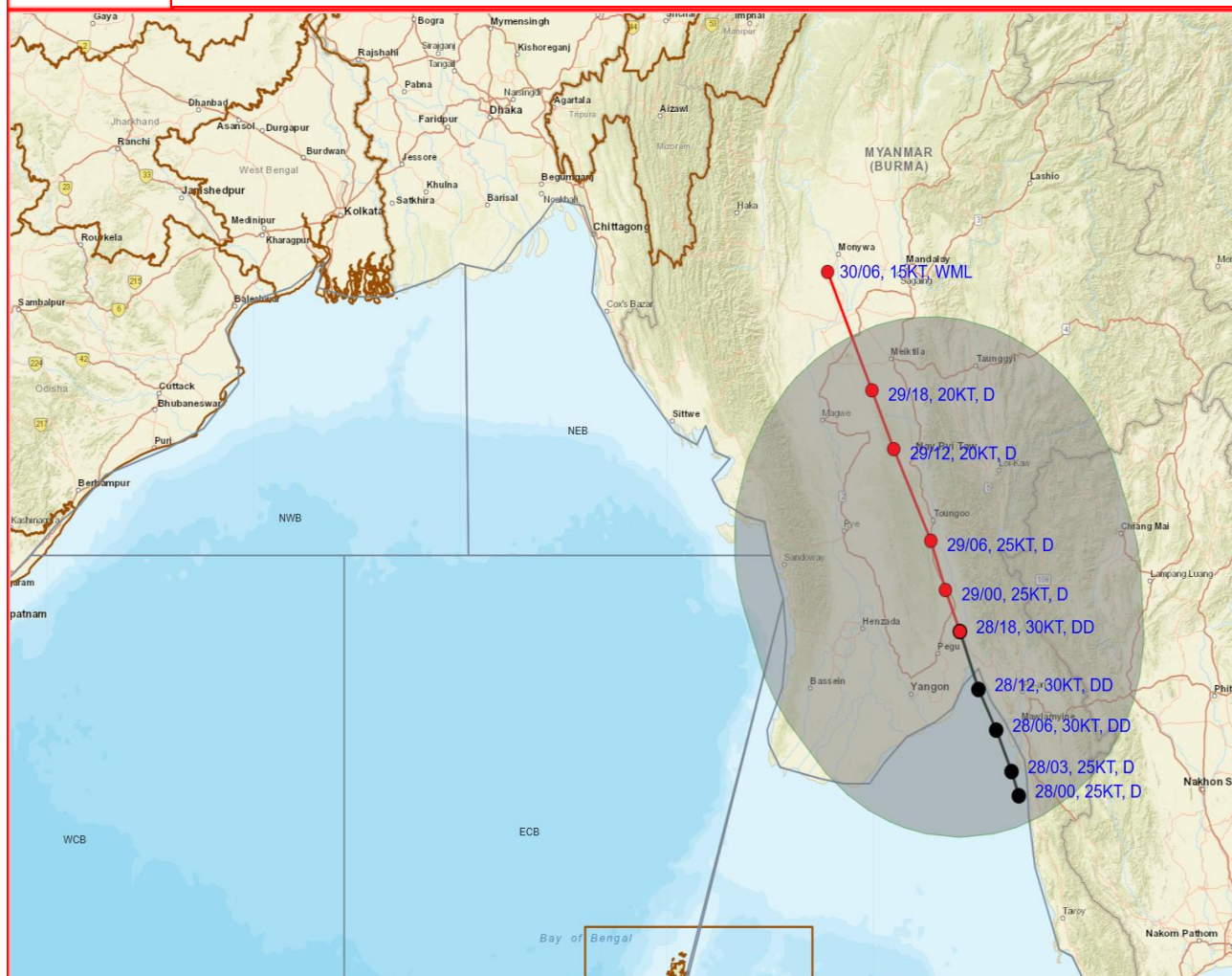
				Forecast distance (km) and direction of the centre from nearest 5 stations				
Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
28.09.2026 18:00 UTC	0	17.6	96.8	KYAIKTO (40, NNW)	BAGO (40, NE)	YANGON (110, NE)	TOUNGGOO (150, SSE)	PYAY (210, SE)

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OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER COASTAL MYANMAR BASED ON 1800 UTC (2330 Hrs. IST) OF 28TH SEPTEMBER 2026



DATE/TIME IN UTC

IST= UTC + 0530

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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

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)

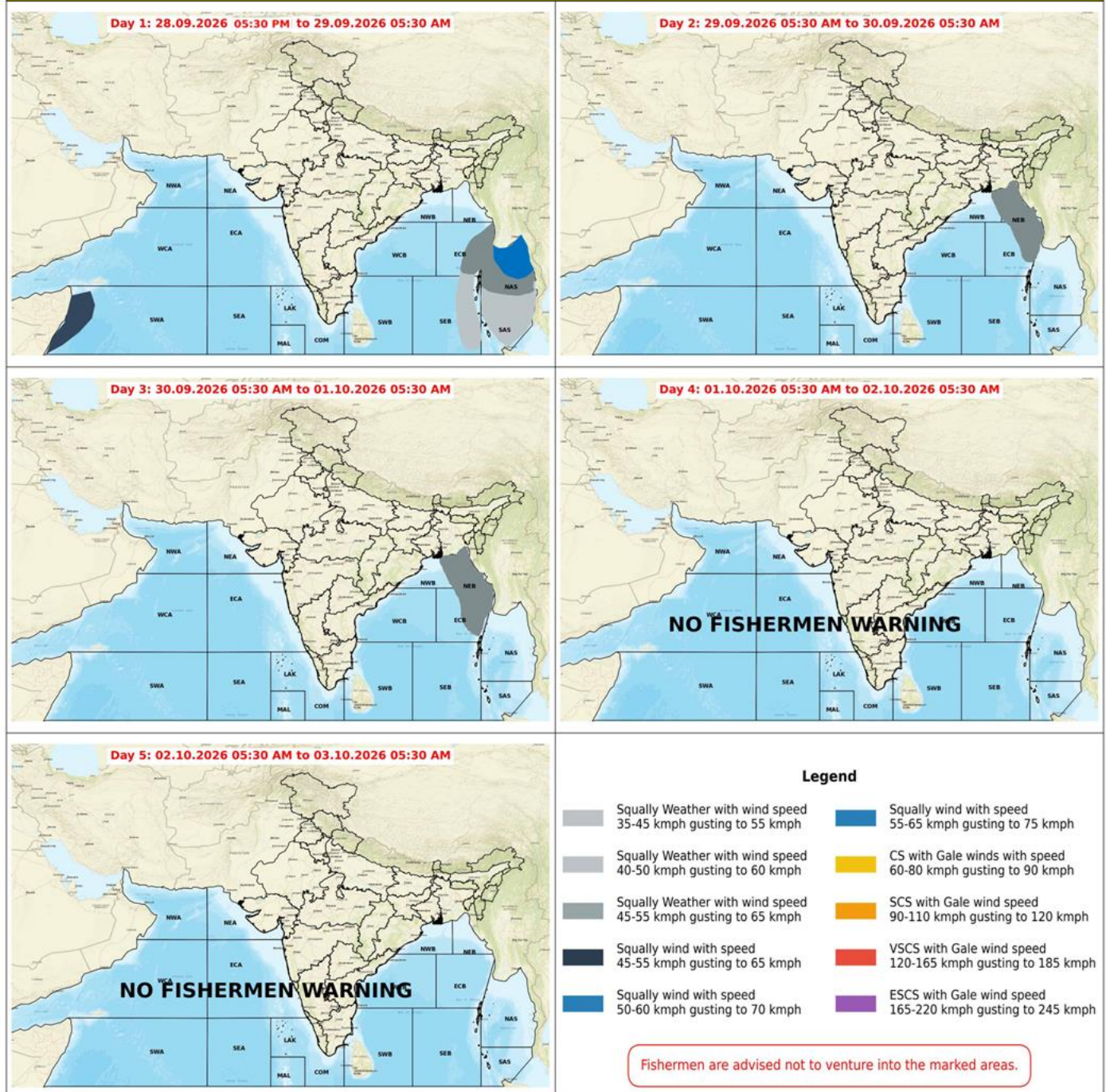
IMPACT OVER THE SEA

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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