Ministry of Earth Sciences
India Meteorological Department
Cyclone Warning Division, New Delhi

Tropical Cyclone Forecast Programme
Report Dated 07th November 2025

Time of Issue: 1430 UTC

Synoptic features (based on 0300 UTC analysis):

- Yesterday's upper air cyclonic circulation over eastcentral and adjoining northeast Bay of Bengal between 1.5 & 3.1 km above mean sea level persisted at 0300 UTC of today, the 07th November 2025.

Environmental Features based on 0600 UTC:

Parameter	Bay of Bengal (BoB)	Arabian Sea (AS)
Sea Surface Temperature (SST) ºC	➢ Around 29 - 30°C over the system area and along the predicted path. ➢ 26-28°C over north BoB	➢ Around 28 - 30ºC over eastcentral Arabian Sea, Lakshadweep Island, Maldives, Comorin areas, along and off Kerala, south Karnataka coast, parts of northwest Arabian Sea. ➢ 26-28°C over rest of the Arabian Sea.
Tropical Cyclone Heat Potential (TCHP) kJ/cm2	➢ 150-175 over south Andaman Sea. ➢ 100-120 over northeast & eastcentral BoB, North Andaman Sea, Myanmar coast and southern parts of south BoB. ➢ 50-60 over rest of Bay of Bengal.	➢ 90-110 over southeast Arabian Sea, Lakshadweep Islands, Maldives islands and Comorin area. ➢ 50-60 over rest Arabian Sea.
Cyclonic Relative - vorticity ($X10^{-6}s^{-1}$)	➢ 30-40 over eastcentral Bay of Bengal extending upto 700hPa.	➢ 30-40 over central AS extending upto 700 hPa.
Low-Level convergence (X10-6 s-1)	–	➢ 5 over Gulf of Mannar.
Upper-Level divergence (X10-6 s-1)	➢ 5-10 over Andaman Sea. ➢ 5 over northeast and eastcentral BoB.	–
Vertical Wind Shear (VWS knots) **Low: 05-10 knots** **Moderate: 10-20 knots** **High: >20 knots**	➢ Low to Moderate over eastcentral BoB & adjoining Myanmar coast.	➢ Low to Moderate 05-15 over central AS off Maharashtra – Karnataka coast, southwest AS, Lakshadweep Islands

		and adjoining parts of southeast AS.
Wind Shear Tendency (knots)	➢ Increasing over Sri Lanka, Tamil Nadu and adjoining southwest BoB and north BoB. ➢ Decreasing over Andaman Sea, southeast BoB and adjoining eastcentral BoB.	➢ Increasing over some parts of west central AS. ➢ Decreasing over, Gulf of Mannar, Comorin area & adjoining Southeast and southwest AS.
Upper tropospheric Ridge	➢ At 20° N in association with anticyclonic circulation over Laos.	➢ At 16° N in association with anticyclonic circulation over westcentral AS.

Though favourable dynamical features are prevailing over the northeast and eastcentral Bay of Bengal, the upper air cyclonic circulation over eastcentral and adjoining northeast Bay of Bengal is not intensifying due to cold dry air entrainment form northwest is continuining.

Over the BoB & Andaman Sea:

As per INSAT 3DS imagery at 0900 UTC of 07th November, scattered to broken low and medium clouds with embedded moderate to intense convection over northeast & eastcentral bay south Bay of Bengal and Andaman Sea. Scattered low and medium clouds with embedded isolated weak to moderate convection over northwest & westcentral Bay of Bengal.

Over the Arabian Sea:

As per INSAT 3DS imagery at 0900 UTC of 07th November, scattered low and medium clouds with embedded moderate to intense convection over Comorin area. Scattered low and medium clouds lay over central & south Arabian Sea and Lakshadweep islands area.

Outside India:

Scattered low and medium clouds with embedded moderate to intense convection over Sri Lanka, Palk Strait, Gulf of Mannar, Tibet, China, Yellow Sea, east China Sea, Myanmar, Thailand, Gulf of Thailand, Cambodia, Laos, Vietnam, Sumatra, Strait of Malacca, Malaysia, Borneo, south China Sea, Java Islands & Sea, Celebes Islands & Sea, Philippines, Sulu sea, Mozambique channel and over Indian Ocean between equator to latitude 30.0°S and longitude 40.0°E to 70.0°E and between latitude 5.0°N to 15.0°S long 70.0°E to 120.0°E.

M.J.O. Index:

The Madden Julian Oscillation (MJO) index is presently in phase 5 with an amplitude more than 1 in the phase diagram. Most of the models are in consensus and suggest that the MJO is likely to propagate steadily eastwards in phase 5 for 1 day and thereafter in phase 6 with same amplitude till 12th November.

Equatorial waves guidance:

Guidance from the NCICS model indicates enhanced westerly wind anomaly (7 - 9 mps) over the southern parts of the North Indian Ocean (NIO), including the south BoB & south Arabian Sea (AS), adjoining Equatorial Indian Ocean (EIO) and southern peninsular India till 10th November. The model is also indicating the prevalence of equatorial Rossby waves (ERW), Klevin wave (KW), low Frequency Background wave (LW) and MJO over the entire region till 10th November. However, during this period Easterly wind anomaly is not indicated to the

north. These features are supporting the existing cyclonic circulation over eastcentral and adjoining northeast Bay of Bengal to maintain its intensity during next 3-4 days.

NWP Guidance for FDP Cyclone:

MODEL GUIDANCE	Bay of Bengal (BoB)	Arabian Sea (AS)
IMD-GFS	1. An upper air Cyclonic circulation over eastcentral & adjoining northeast BoB as of today to move southwestwwards till 10/00 UTC. 3. Remnant of cyclone "Kalmaegi" to move nearly west wards and become less marked over Thailand by 08/00 UTC.	No significant system is indicated during next 7 days.
IMD-GEFS	Not available	Not available
IMD-WRF	Not available	Not available
BFS	1. An upper air Cyclonic circulation over eastcentral & adjoining northeast BoB as of today to move southwestwwards till 12/00 UTC. 3. Remnant of cyclone "Kalmaegi" to move nearly west wards and become less marked over Thailand by 08/00 UTC.	No significant system is indicated during next 7 days.
NCMRWF-NCUM(G)	1. Remnant of cyclone "Kalmaegi" to move nearly west wards and become less marked over Thailand by 08/00 UTC.	No significant system is indicated during next 7 days.
NCMRWF-NCUM(R)	1. An upper air Cyclonic circulation over eastcentral & adjoining northeast BoB as of today to move southwestwwards till 10/00 UTC. 3. Remnant of cyclone "Kalmaegi" to move nearly west wards and become less marked over Thailand by 09/00 UTC.	No significant system is indicated during next 7 days.
NEPS	3. Remnant of cyclone "Kalmaegi" to move nearly west wards and become less marked over Myanmar by 09/00 UTC.	No significant system is indicated during next 7 days.
ECMWF	1. An upper air cyclonic circulation over southwest & adjoining westcentral BoB on 09/12 UTC becoming less-marked by 11/00 UTC. 2. Remnant of cyclone "Kalmaegi" to move nearly west wards and become less marked over Thailand by 08/06 UTC.	No significant system is indicated during next 7 days.
NCEP-GFS	1. An upper air cyclonic circulation over southwest & adjoining westcentral BoB on 10/00 UTC becoming less-marked by 12/00 UTC. 2. Remnant of cyclone "Kalmaegi" to move nearly west wards and become less marked over Thailand by 08/00 UTC.	No significant system is indicated during next 7 days.
EC-AIFS	1. An upper air cyclonic circulation over southwest BoB on 10/00 UTC becoming less-marked by 10/12 UTC. 2. Remnant of cyclone "Kalmaegi" to move	No significant system is indicated during next 7 days.

	nearly west wards and become less marked over Myanmar by 08/06 UTC.	

Summary:

(a) Bay of Bengal:

Models like (IMD-GFS, BFS, NCUM-regional) are indicating the yesterday's upper air cyclonic circulation over eastcentral & adjoining northeast Bay of Bengal persisted over the same region. It will southwestwards without intensifying and will become less marked around 10/00 UTC. Models (ECMWF & NCEP-GFS) is indicating an upper air cyclonic circulation over southwest BoB around 10/00 UTC having southwestwards movement till 13/00 UTC without further intensification.

(b) Arabian Sea

Most of the models are indicating no significant system over the Arabian Sea during next 7 days.

Inference:

Considering various large-scale environmental features, climatology and model guidance, it is inferred that there is no probability of cyclogenesis over the Bay of Bengal and the Arabian Sea during next 7 days. However, the existing upper air cyclonic circulation over eastcentral and adjoining northeast Bay of Bengal (BoB) (remnant of the recent well marked low pressure area over eastcentral BoB and adjoining Myanmar-Bangladesh coasts) is likely to move southwestwards and reach southeast BoB around 12th November. Simultaneously, the remnant of typhoon Kalmaegi is likely to move nearly westwards and emerge over North Andaman Sea, as an upper air cyclonic circulation around 11th November. Both these cyclonic circulations are likely to merge over southeast & adjoining eastcentral BoB around 12th November. Under its influence, a low-pressure area is likely to form over southwest BoB off Sri Lanka coast around 14th November.

Probability of cyclogenesis (formation of depression and above intensity systems) over the Bay of Bengal during next 168 hours:

24 HOURS	24-48 HOURS	48-72 HOURS	72-96 HOURS	96-120 HOURS	120-144 HOURS	144-168 HOURS
NIL	NIL	NIL	NIL	NIL	NIL	NIL

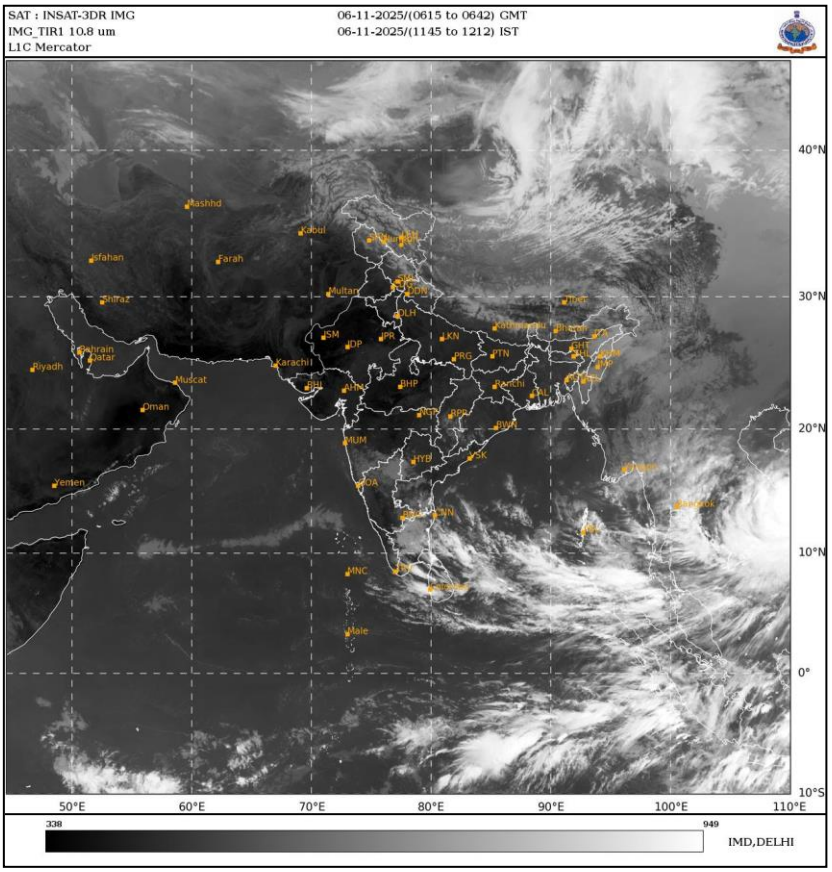
Probability of cyclogenesis (formation of depression and above intensity systems) over the Arabian Sea during next 168 hours:

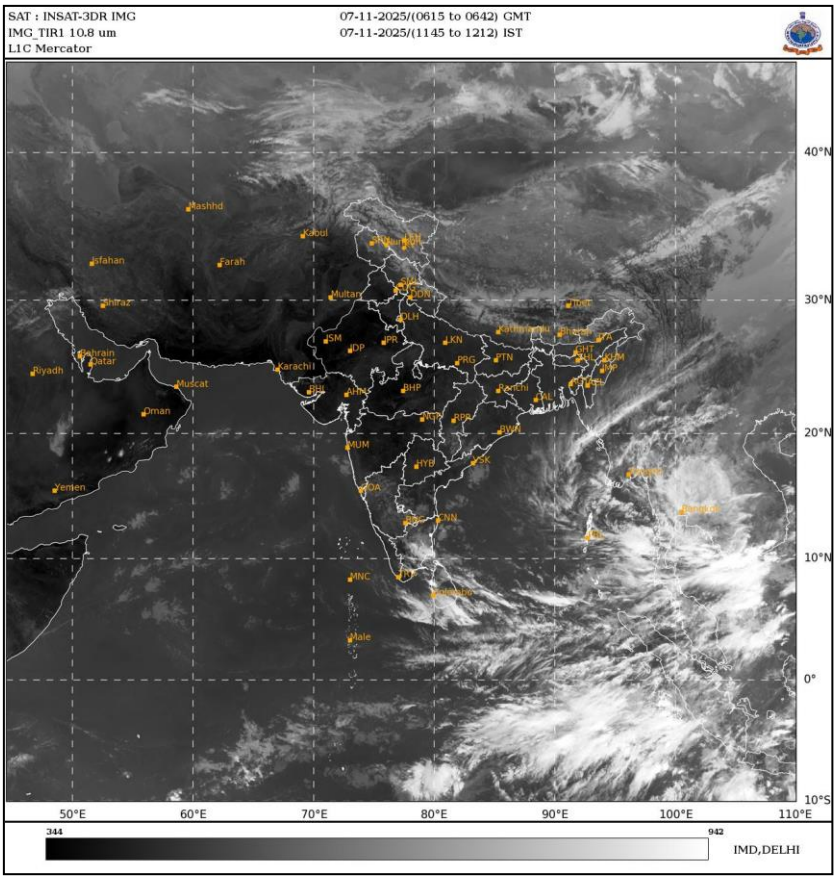
24 HOURS	24-48 HOURS	48-72 HOURS	72-96 HOURS	96-120 HOURS	120-144 HOURS	144-168 HOURS
NIL	NIL	NIL	NIL	NIL	NIL	NIL

"- "indicates genesis has already occurred.
Probability is indicated as NIL for 0%, LOW for 1-33%, MOD for 34-67% and High for 68-100%.
Every 24 hrs forecast ends at the 0300 UTC of date.

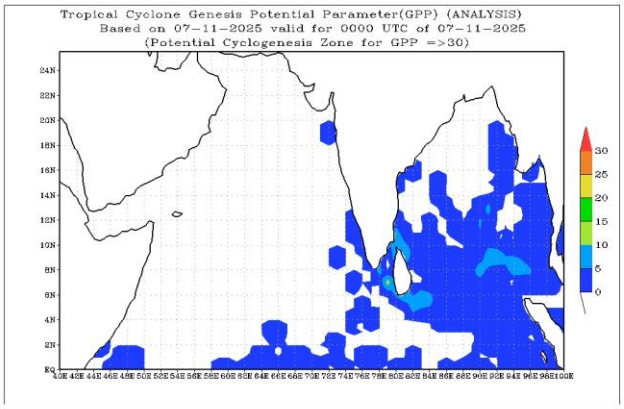
Intense Observation Period (IOP): NIL.

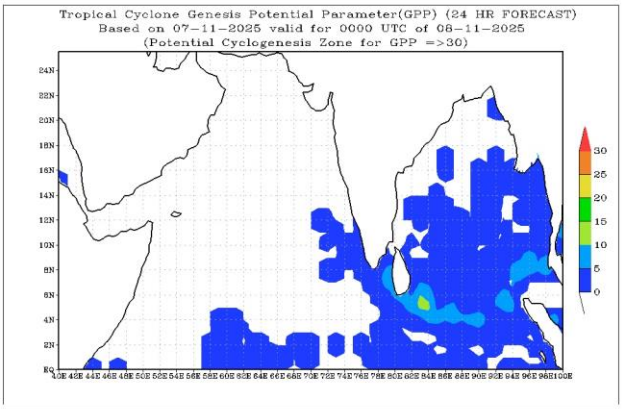
INSAT 3DS imageries at 0600 UTC of 6th & 7th November

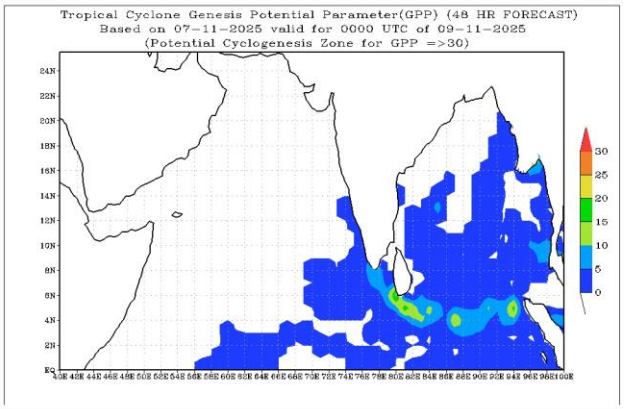


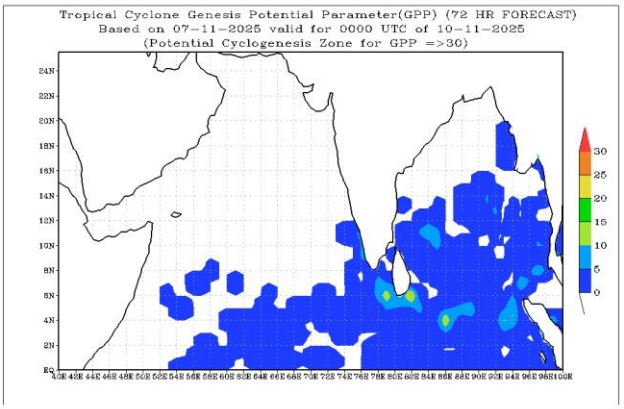


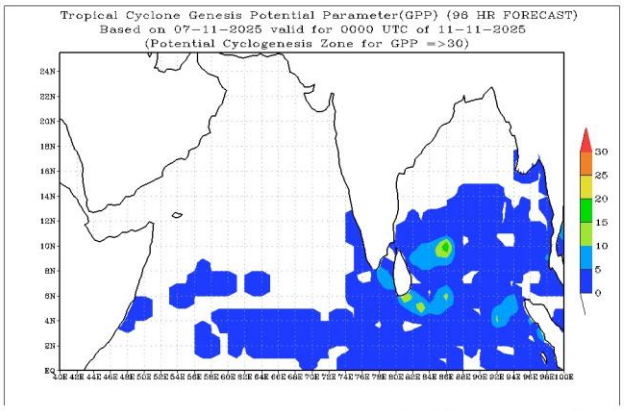
GPP Forecast (00–168h)

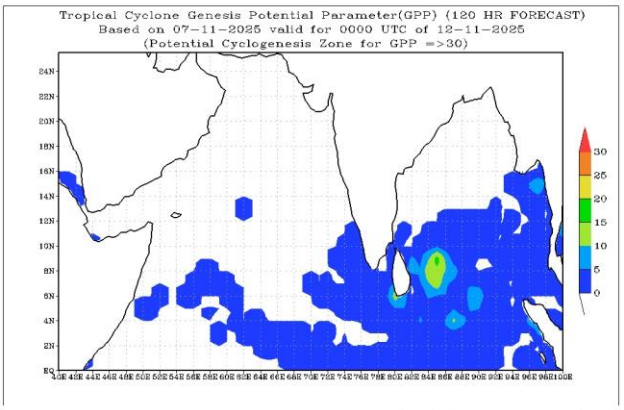


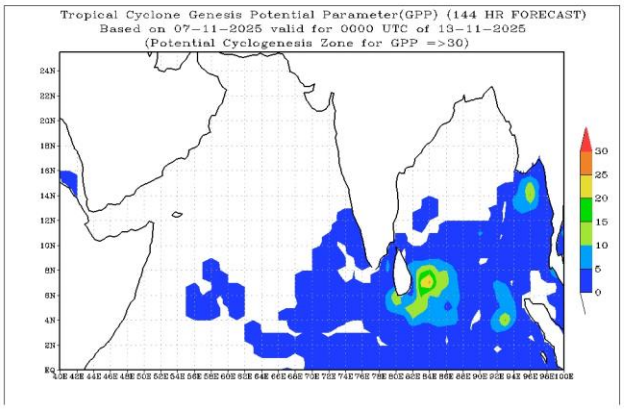


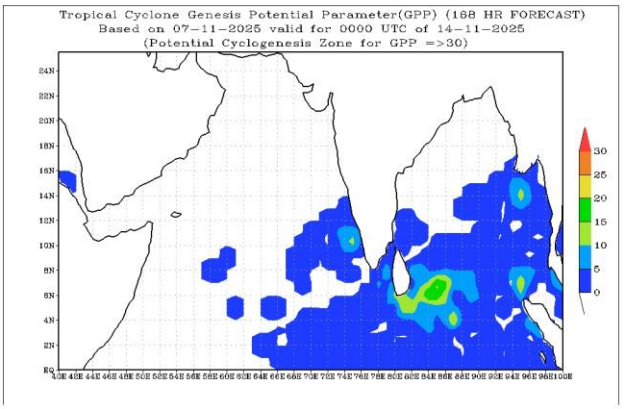




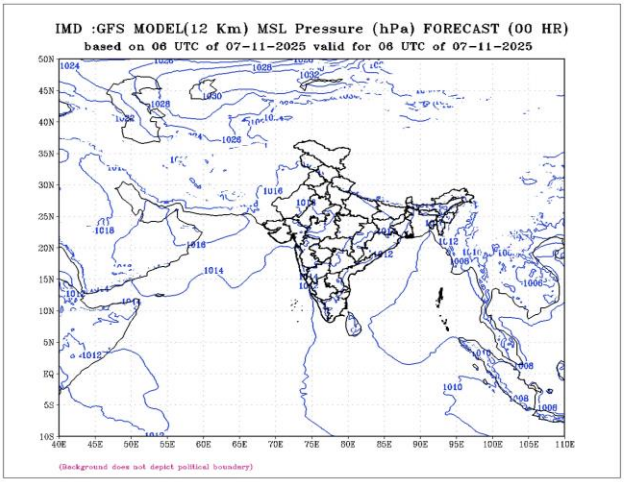


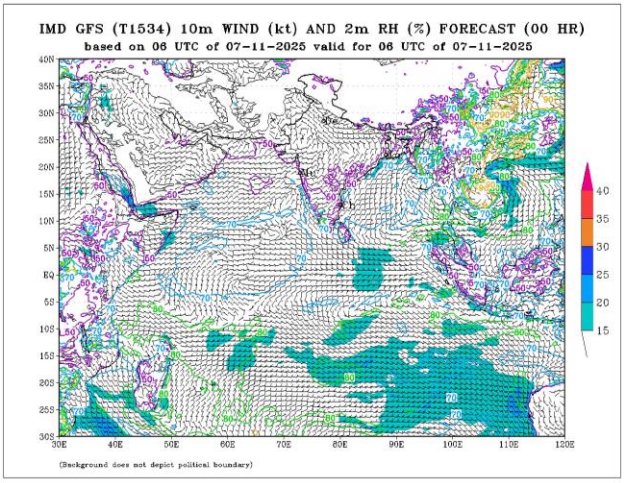


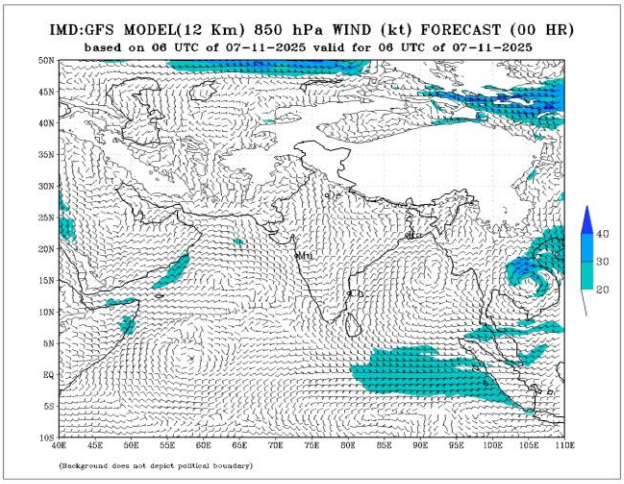


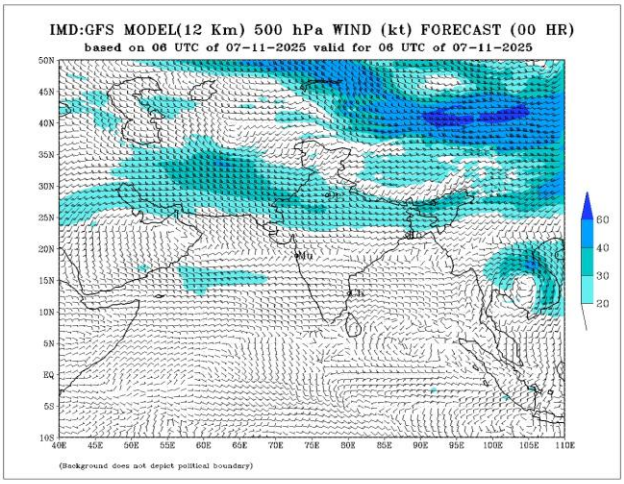


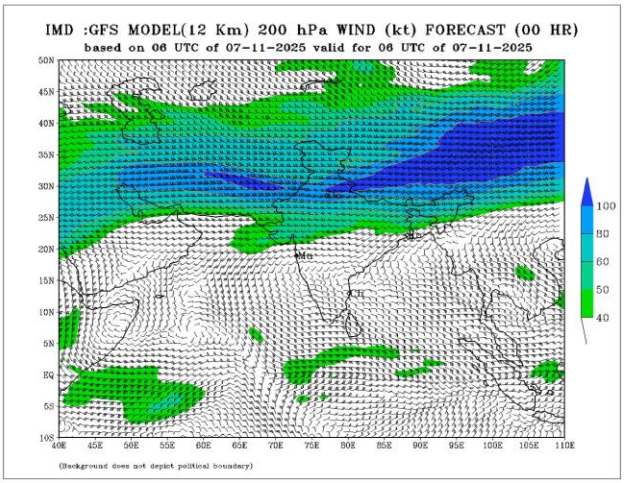
Forecast +00h



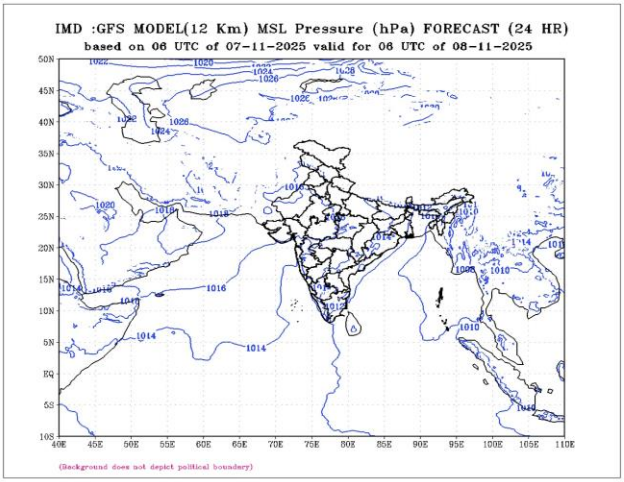


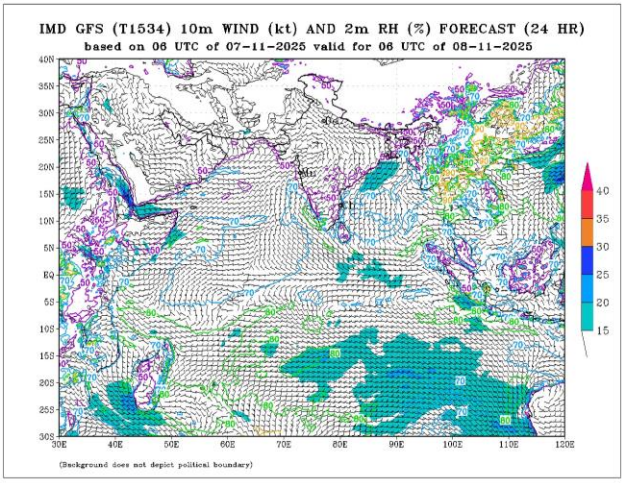


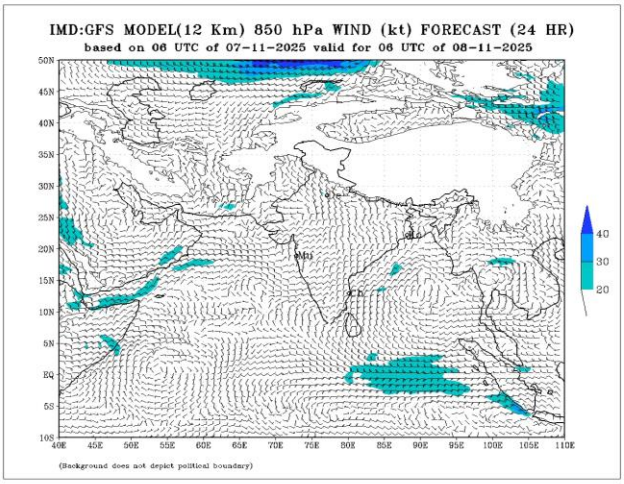


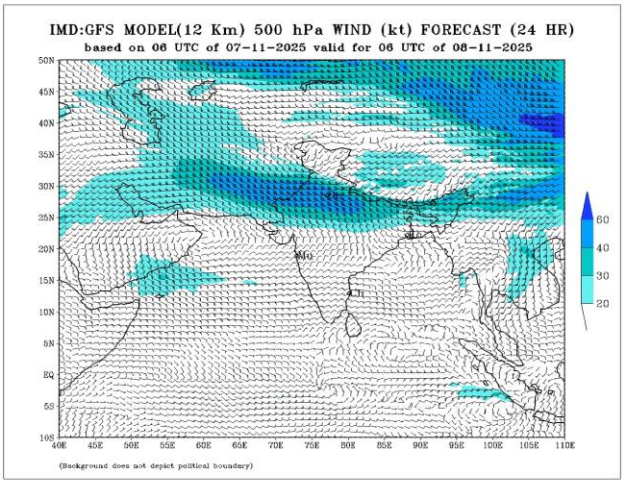


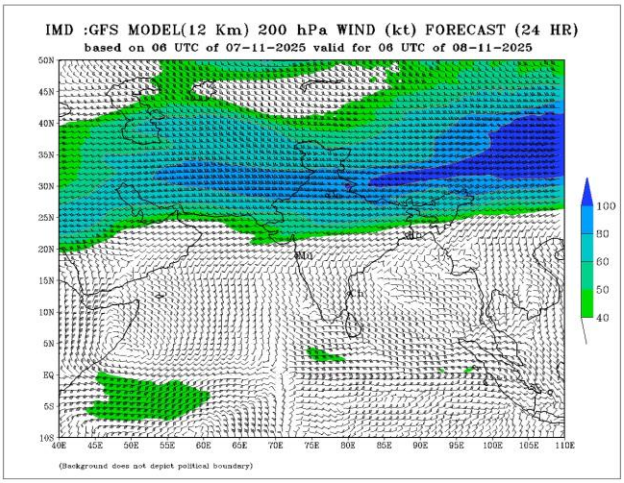
Forecast +24h



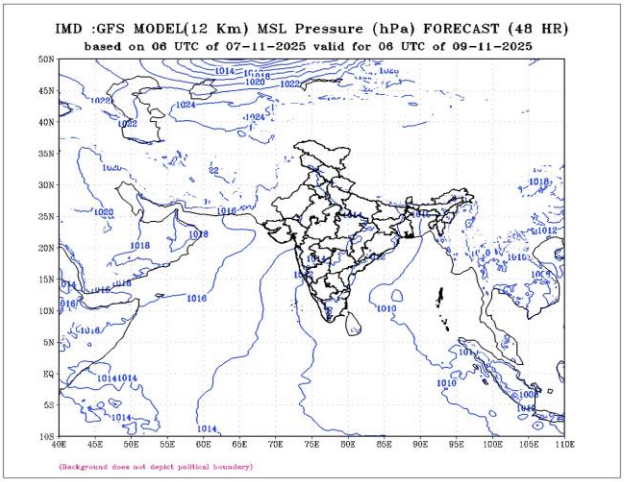


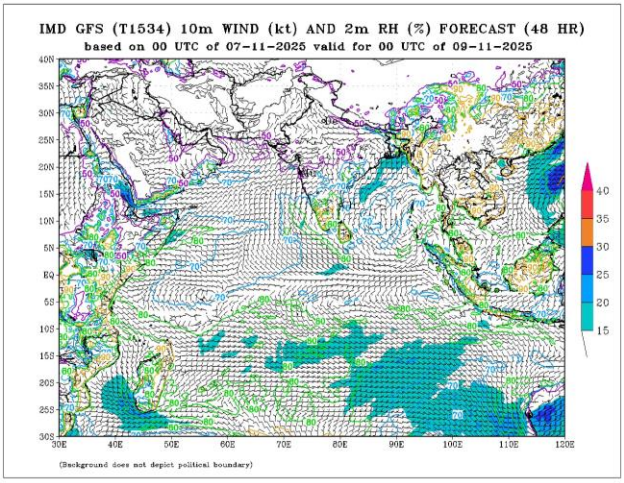


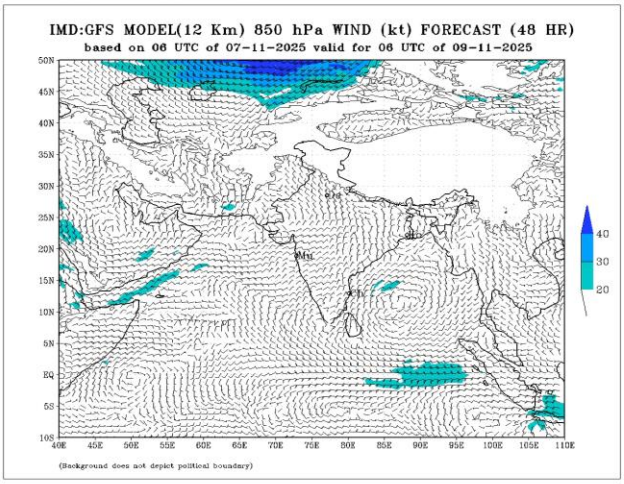


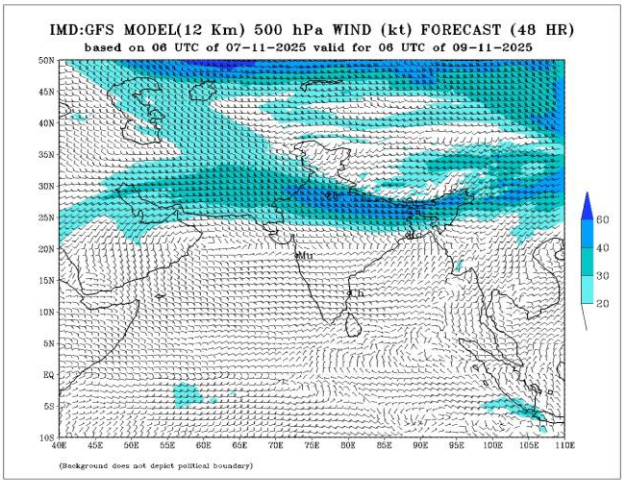


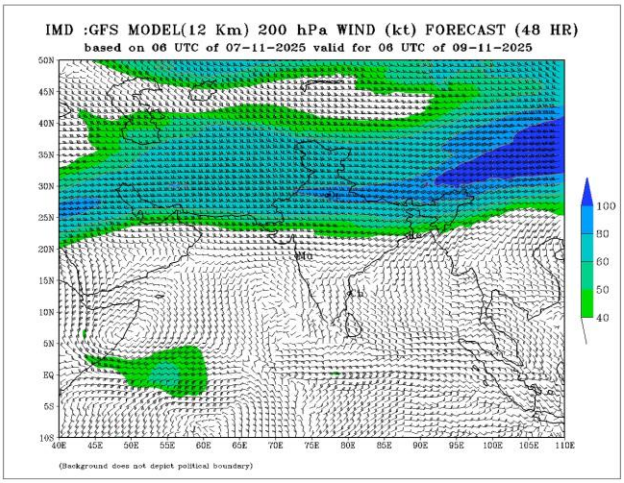
Forecast +48h



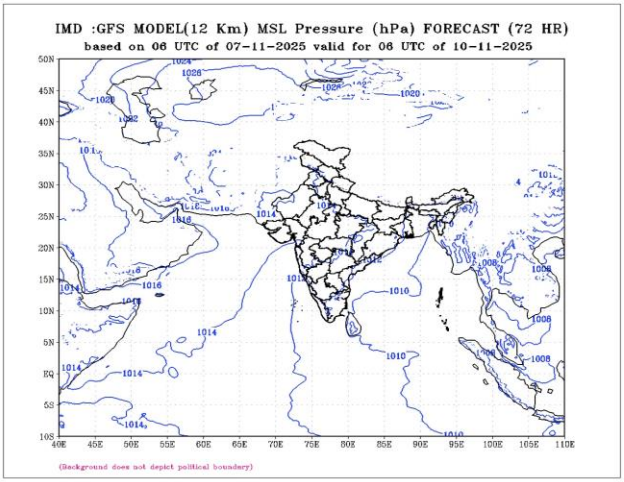


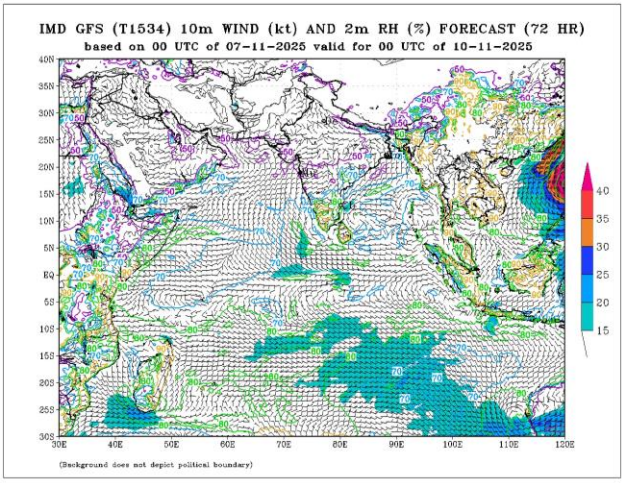


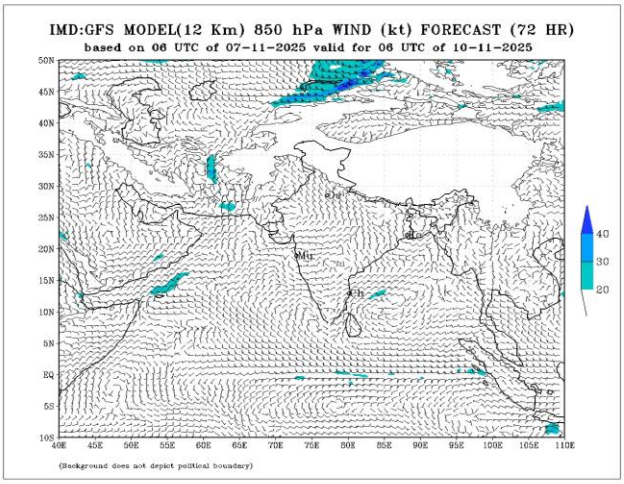


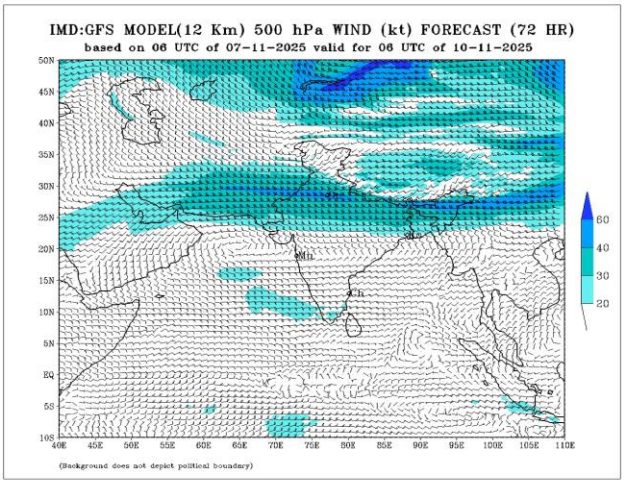


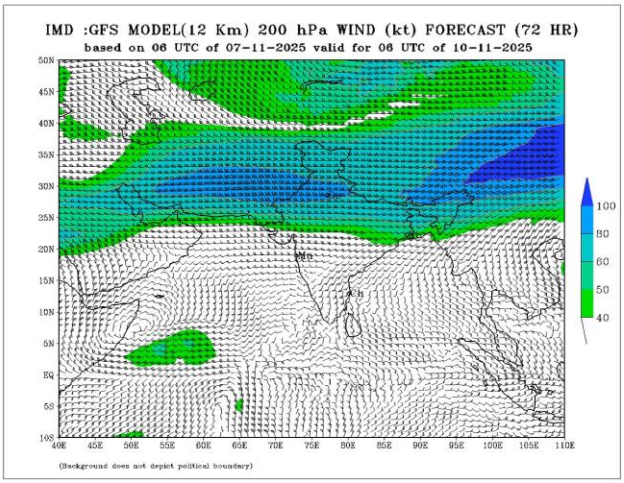
Forecast +72h



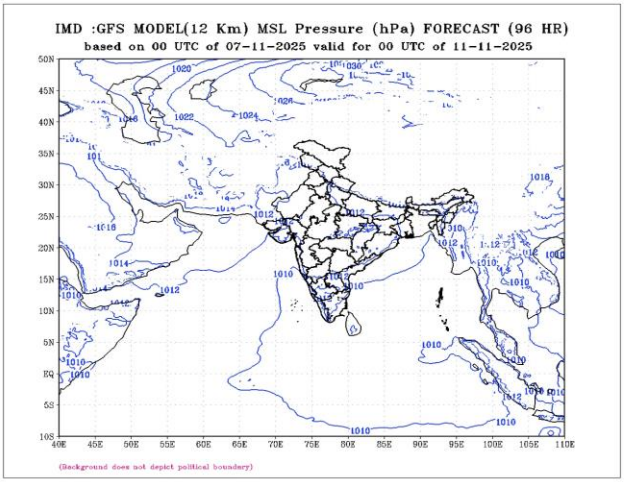


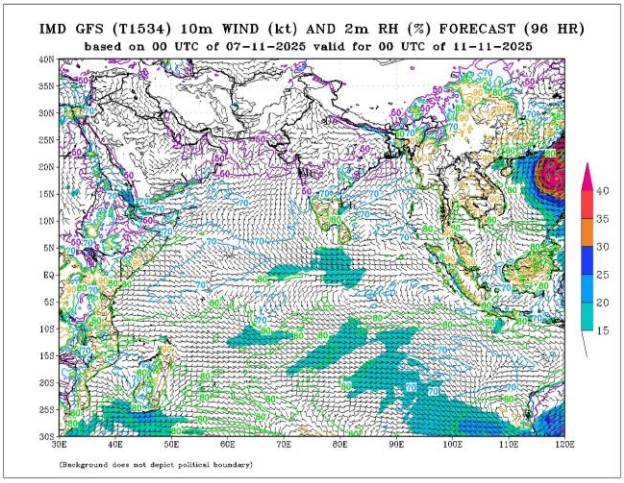


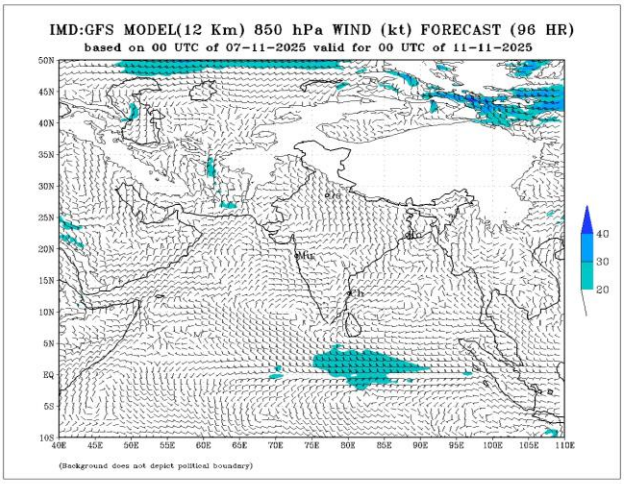


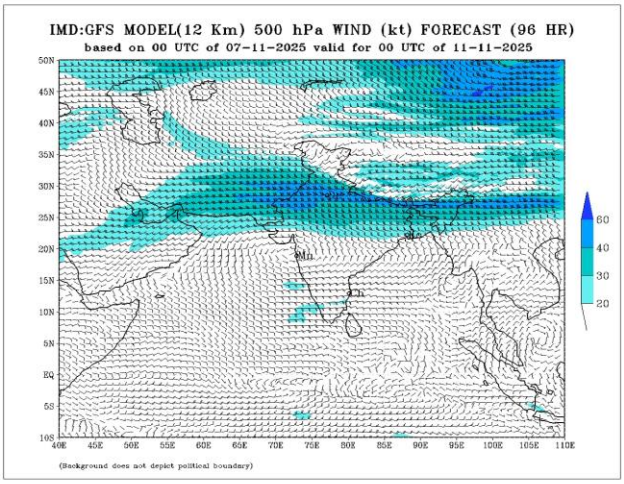


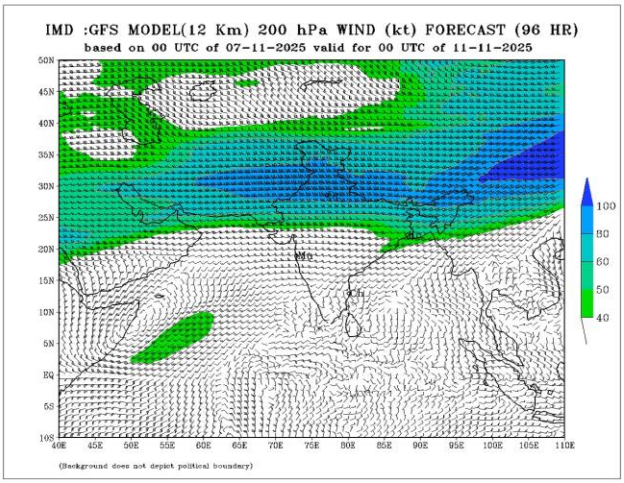
Forecast +96h



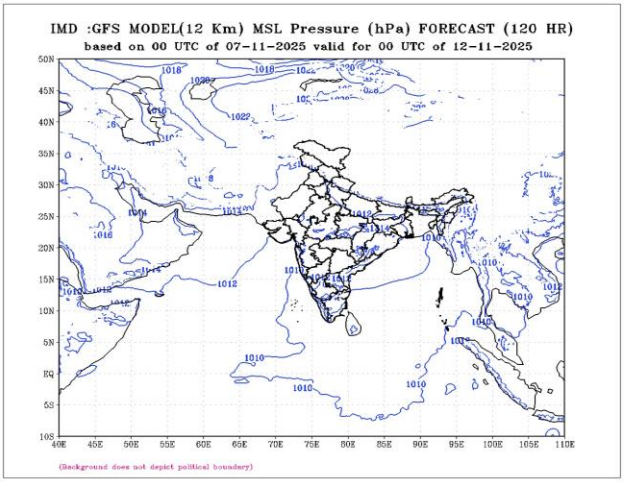


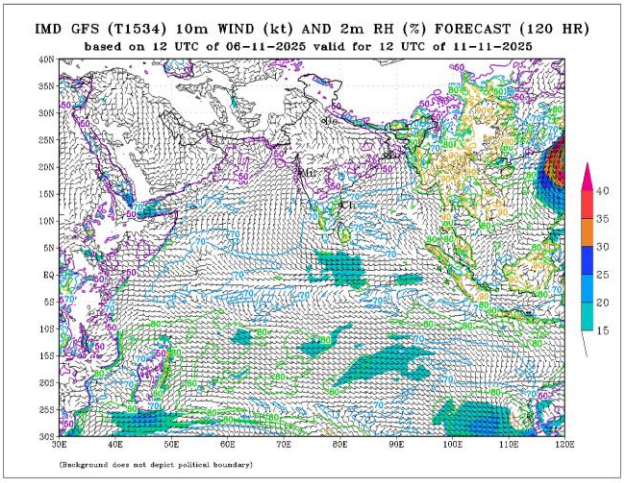


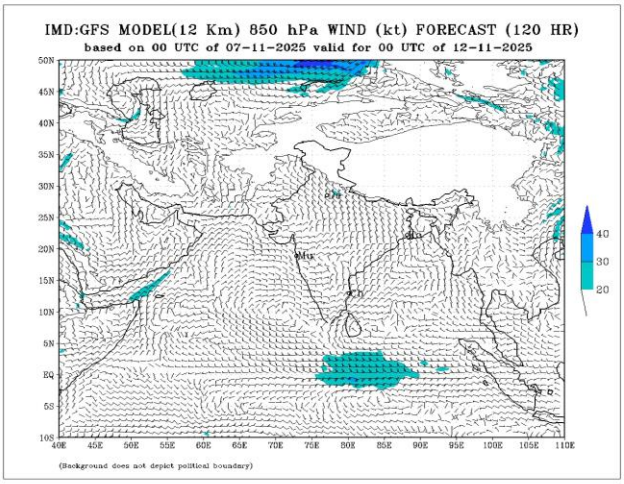


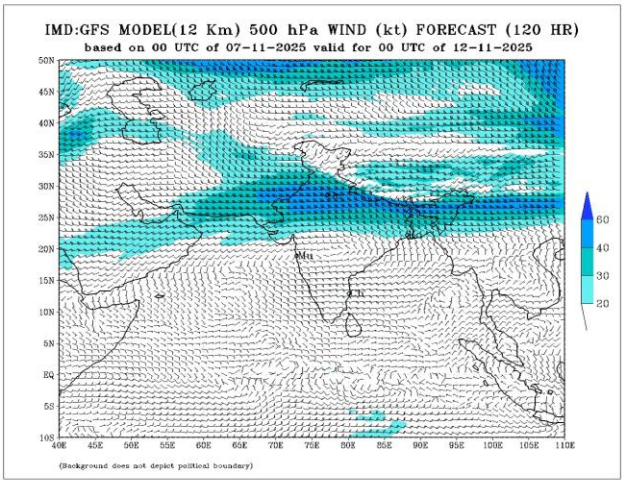


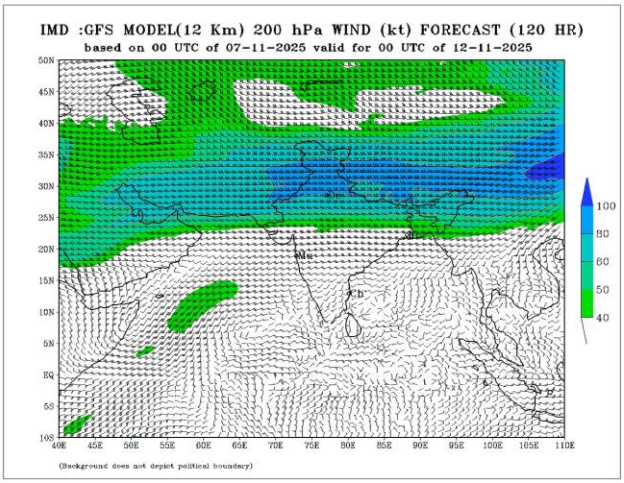
Forecast +120h



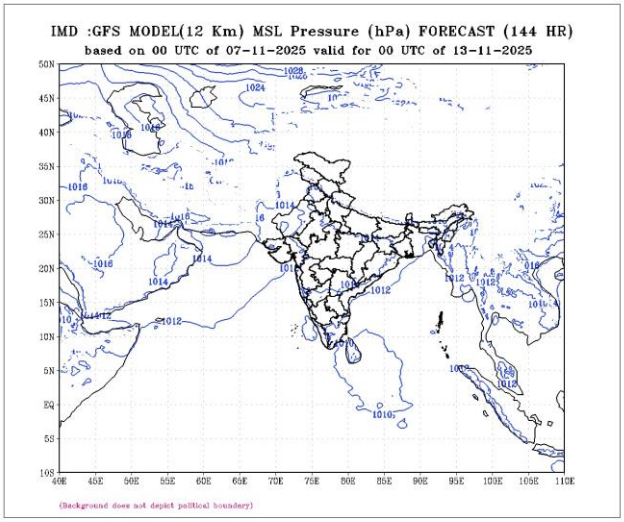


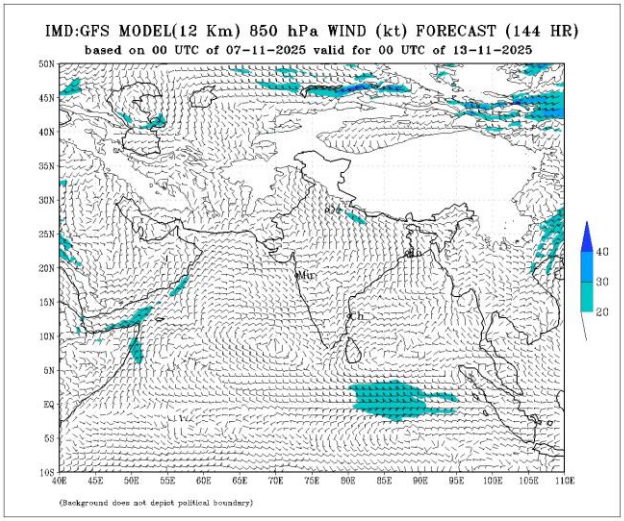


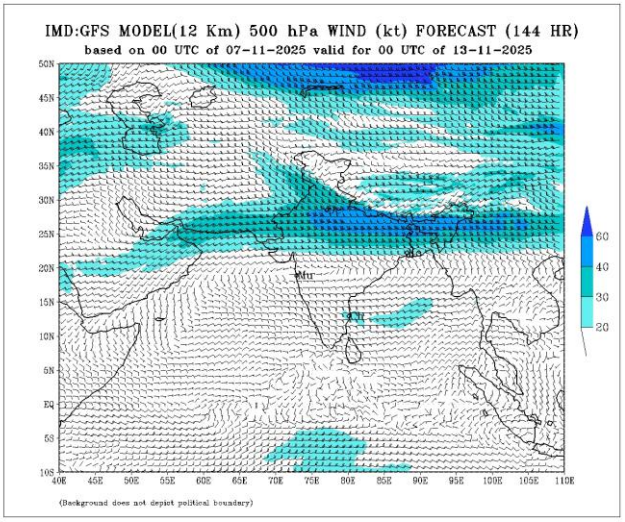


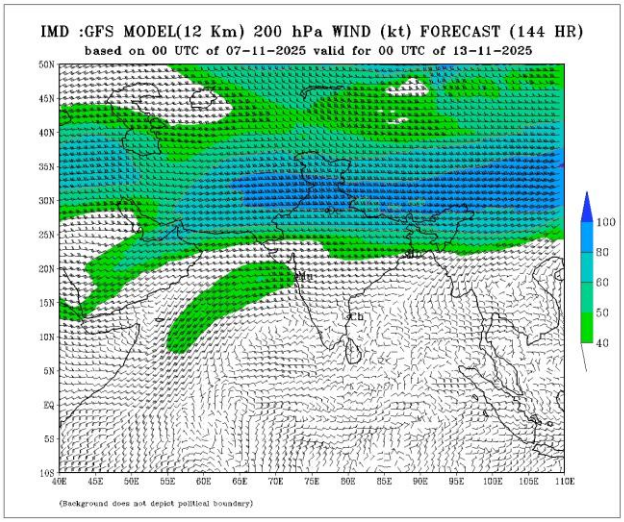


Forecast +144h









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