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

Tropical Cyclone Forecast Programme
Report Dated 01st November 2025

Time of Issue: 1200 UTC

Synoptic features (based on 0300 UTC analysis):

- The upper air cyclonic circulation over South Myanmar coast & adjoining north Andaman sea extending upto 5.8 km above mean sea level persists. Under its influence, a low pressure area is likely to form over eastcentral Bay of Bengal during next 24 hours.

- The well marked low pressure area over eastcentral & adjoining Northeast Arabian Sea with the associated cyclonic circulation extending upto 5.8 km above mean sea level persisted over the same region at 0830 hrs IST of today, the 1st November 2025. It is likely to continue to move east-northeastwards towards South Gujarat and adjoining North Maharashtra coasts across northeast Arabian Sea and weaken into a Low-Pressure Area during next 24 hours.

Environmental Features based on 0600 UTC:

Parameter	Bay of Bengal (BoB)	Arabian Sea (AS)
Sea Surface Temperature (SST) ºC	➢ Around 29°C over the system area and along the predicted path.	➢ Around 28 - 30 oC 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	➢ 100-130 over northeast & eastcentral BoB, south Andaman Sea and southern parts of south BoB. ➢ 80-90 over rest of BoB.	➢ 90-110 over southeast AS, Lakshadweep Islands, Maldives islands and Comorin area. ➢ 50-60 over rest AS.
Cyclonic Relative - vorticity ($X10^{-6}s^{-1}$)	➢ 40-50 over north Andaman Sea, and Thailand.	➢ About 50 around the system area, extending towards South Gujarat and adjoining North Maharashtra.
Low-Level convergence (X10-6 s-1)	➢ 5-10 over north Andaman Sea adjoining Thailand coast	➢ 10 to the east of system area off Maharashtra coast.
Upper-Level divergence (X10-6 s-1)	➢ 5-20 over north Andaman Sea, Myanmar, and adjoining eastcentral Bay of Bengal.	➢ 5 over the system area.
Vertical Wind Shear (VWS knots)	➢ Low to moderate north & adjoining	➢ Low to moderate over the system area and many

Low: 05-10 knots Moderate: 10-20 knots High: >20 knots	Eastcentral BoB and northern parts of north Andaman Sea.	parts of westcentral Arabian Sea.
Wind Shear Tendency (knots)	➢ Increasing over south adjoining westcentral BoB & north Andaman Sea.	➢ Increasing over the system area
Upper tropospheric Ridge	at 20^{o} N	at 20^{o} N.

Over the BoB & Andaman Sea:
As per INSAT 3DS imagery at 0600 UTC of 01st November, scattered to broken low and medium clouds with embedded intense to very intense convection over eastcentral & northeast Bay of Bengal, Arakan coast, north Andaman Sea, Gulf of Martaban & Tenasserim coast. Scattered Low and medium clouds with embedded moderate to intense convection over southeast Bay of Bengal & south Andaman Sea and isolated weak to moderate convection over west Bay of Bengal.

Over the Arabian Sea:
As per INSAT 3DS imagery at 0600 UTC of 01st November, vortex over eastcentral adjoining northeast Arabian Sea & neighbourhood centered within half a degree of 19.7^{0}N/70.1^{0}E. Associated scattered to broken low and medium clouds with embedded moderate to intense convection lay over eastcentral adjoining northeast Arabian Sea, central Arabian Sea, Gujarat and Gulf of Kutch (minimum cloud top temperature minus 50-70^{o}C). Scattered low and medium clouds with embedded isolated weak convection over south Arabian Sea.

Outside India:
Scattered low and medium clouds with embedded moderate to intense convection over Nepal, Bhutan, Tibet, China, east China sea, Taiwan, Myanmar, Thailand, Gulf of Thailand, Cambodia, Laos, Vietnam, Gulf of Tonkin, Sumatra, Strait of Malacca, Malaysia, Borneo, South China Sea, Java Islands & Sea, Celebes Islands & Sea, Philippines, Sulu Sea, Madagascar, Mozambique channel and over Indian ocean between latitude 5.0°N to 25.0°S long 50.0°E to 110.0°E.

M.J.O. Index:
The guidance from ECMM model indicates that Madden Julian Oscillation (MJO) index is presently in phase 5 with amplitude greater than 1. It will be in same phase till 11th November with amplitude greater than 1.

Equatorial waves guidance:
Guidance from NCICS model indicates prevalence of strong westerly wind anomaly 7-9 mps over south & central AS, peninsular and adjoining central India and entire BoB except northern parts of BoB, along with MJO signal propagating eastwards across southern parts of NIO and low frequency background wave over the region. The model is also indicating strong easterly wind anomaly 5-7 mps over north Arabian Sea and central India on 1st November. Equatorial Rossby waves over north & central BoB, peninsular India and south & adjoining eastcentral AS are likely to support the depression over eastcentral Arabian Sea to maintain its intensity during next two days. The convective coupled equatorial waves would also support enhancement of convective activity over central parts of India. Thereafter, from 1st November onwards weakening of easterly wind anomaly is indicated and the equatorial waves are also moving away from the region except the low frequency waves and ERW over north AS.

NWP Guidance for FDP Cyclone:

MODEL GUIDANCE	Bay of Bengal (BoB)	Arabian Sea (AS)
IMD-GFS	Model is indicating a cyclonic circulation over north Andaman Sea & adjoining eastcentral BoB on 1st & 2nd November.	LPA/WML over eastcentral Arabian Sea as of today, moving in northeast direction towards Gujarat coast till 2nd November 2025 and less marked thereafter near the coast.
IMD-GEFS	-	-.
IMD-WRF	-	-
BFS	Model is indicating a cyclonic circulation over north Andaman Sea & adjoining eastcentral BoB on 1st & 2nd November.	LPA/WML over eastcentral Arabian Sea as of today, moving in northeast direction towards Gujarat coast till 2nd November 2025 and less marked thereafter near the coast.
NCMRWF-NCUM(G)	Cyclonic circulation over eastcentral adjoining northeast BoB as on today moving north-northwestwards till 2nd November.	LPA over eastcentral Arabian Sea as of today, moving in northeast direction towards Gujarat coast till 2nd November 2025 and less marked thereafter near the coast.
NCMRWF-NCUM(R)	Cyclonic circulation over eastcentral BoB adjoining north Andaman Sea on 1st November moving northwestwards till 3rd November.	LPA over eastcentral Arabian Sea as of today, moving in northeast direction towards Gujarat coast till 2nd November 2025 and less marked thereafter.
NEPS	LPA over eastcentral adjoining northeast BoB on 4th November moving north-northwestwards till 7th November, less marked thereafter.	Depression/WML over eastcentral Arabian Sea as of today, moving in northeast direction while weakening and become less marked by 2nd November 2025 near Gujarat coast.
ECMWF	Model is indicating a low pressure area forming over eastcentral BoB adjoining north Andaman Sea on 1st November/ 15 UTC moving in north-northwest direction along Myanmar & Bangladesh coasts till 6th/ 00 UTC & less marked thereafter.	Depression over eastcentral Arabian Sea as of today, moving in northeast direction towards Gujarat coast while weakening & less marked thereafter near the coast.
NCEP-GFS	Model is indicating a cyclonic circulation/low pressure area forming over eastcentral BoB & adjoining north Andaman Sea on as of today 1st November moving in north-northwest direction without further intensification.	WML over eastcentral Arabian Sea as of today, moving in northeast direction towards Gujarat coast while weakening & less marked thereafter near the coast.
EC-AIFS	Model is indicating a cyclonic circulation/low pressure area forming over eastcentral BoB & adjoining north Andaman Sea on as of today 1st November/06 UTC moving in north-northwest direction without further	WML over eastcentral Arabian Sea as of today, moving in northeast direction towards Gujarat coast while weakening & less marked thereafter near the coast.

	intensification till 6th/00 UTC.	

Summary:

(a) Bay of Bengal:
Most of the models models are indicating a fresh cyclonic circulation/low pressure area over eastcentral Bay of Bengal off Myanmar coast around 2nd November, having its north-northwestwards movement towards Bangladesh coast without further intensification till 5th November.

(b) Arabian Sea
Most of the models are suggesting the WML over the eastcentral Arabian Sea as of today having northeastward movement towards Gujarat coast till 2nd November. All the models are indicating that the system will weaken over northeast AS off Gujarat coast during subsequent 24 hours.

Inference:

Considering various large-scale environmental features and model guidance, it is inferred that

(a) A fresh low pressure area is likely to form over eastcentral Bay of Bengal off Myanmar coast around 2nd November. It will move in north-northwest direction towards Bangladesh coast without further intensification and less marked near the coast around 5th November.

Confidence Level:
(i) Confidence level in forecast of formation of low pressure area: High
(ii) Confidence level in forecast of location of low pressure area: High

(b) Yesterday's depression over eastcentral Arabian Sea has weakened into WML over the same region by today, it is likely to move east-northeastwards towards South Gujarat and adjoining North Maharashtra coasts across northeast Arabian Sea and weaken into a Low-Pressure Area during next 24 hours.

Both the systems are under continuous watch.

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): IOP for Gujarat during 1st & 2nd November; north Konkan on 1st November; Andaman & Nicobar Islands during till 4th November.

Warnings in association with system over Arabian Sea:

(i) Wind warning:

- Squally weather with speed reaching 35-45 kmph gusting to 55 kmph is very likely to prevail over Northeast & adjoining Eastcentral Arabian Sea and along & off Maharashtra and Gujarat coasts till evening of 2nd November and decrease thereafter.

(ii) Sea condition:

- Sea Condition is likely to be rough to moderate over Northeast & adjoining Eastcentral Arabian Sea and along & off Maharashtra and Gujarat coasts till evening of 2nd November and improve thereafter.

(iii) Impact Expected and Action Suggested due to heavy rain and strong winds (north Konkan and coastal districts of Gujarat state) on 1st November

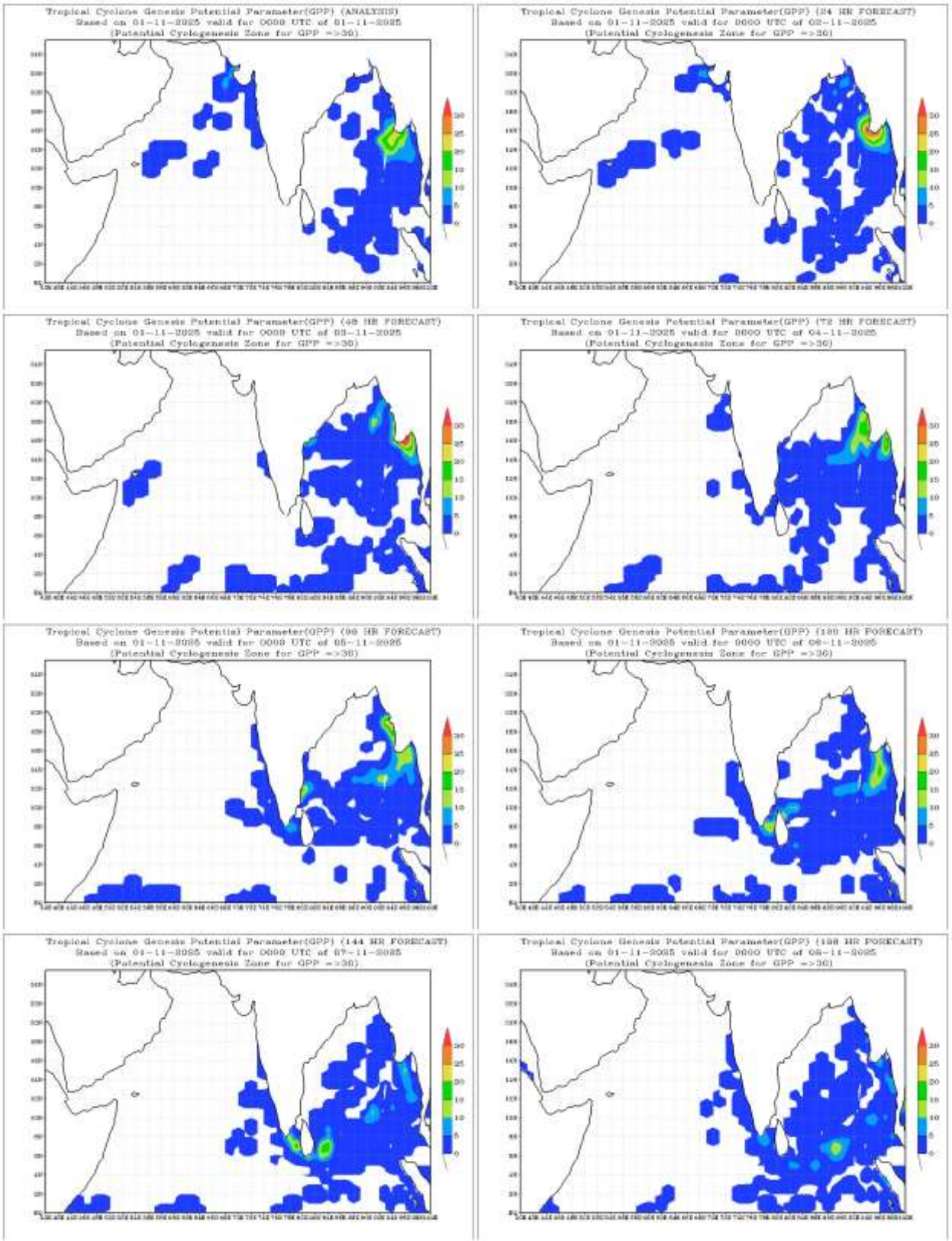
Impact expected:

- Strong-squally wind and heavy rain may damage plantation, horticulture and standing crops.
- Minor damage to kutcha houses/walls, huts and roads due to strong winds and heavy rain.
- Road and rail traffic may be affected due to heavy rain.
- There could be localised flash floods, landslides/mudslides/landslips, water logging, inundation and flooding over low lying areas.
- Occasional reduction in visibility due to heavy rainfall.
- Small ships & country boats may get affected due to strong winds and heavy rain.
- Surface & Helicopter services may be regulated.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Take safe shelters; do not take shelter under trees, as there could be lightning.
- In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- Tourism and recreational activities to be regulated.
- Surface transport and helicopter services to be regulated.

Annexure


Tropical Cyclone Genesis Potential Parameter(GPP) (ANALYSIS)
Based on 01-11-2025 valid for 0000 UTC of 01-11-2025
(Potential Cyclogenesis Zone for GPP =>30)
Tropical Cyclone Genesis Potential Parameter(GPP) (24 HR FORECAST)
Based on 01-11-2025 valid for 0000 UTC of 02-11-2025
(Potential Cyclogenesis Zone for GPP =>30)
Tropical Cyclone Genesis Potential Parameter(GPP) (48 HR FORECAST)
Based on 01-11-2025 valid for 0000 UTC of 03-11-2025
(Potential Cyclogenesis Zone for GPP =>30)
Tropical Cyclone Genesis Potential Parameter(GPP) (72 HR FORECAST)
Based on 01-11-2025 valid for 0000 UTC of 04-11-2025
(Potential Cyclogenesis Zone for GPP =>30)
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Based on 01-11-2025 valid for 0000 UTC of 07-11-2025
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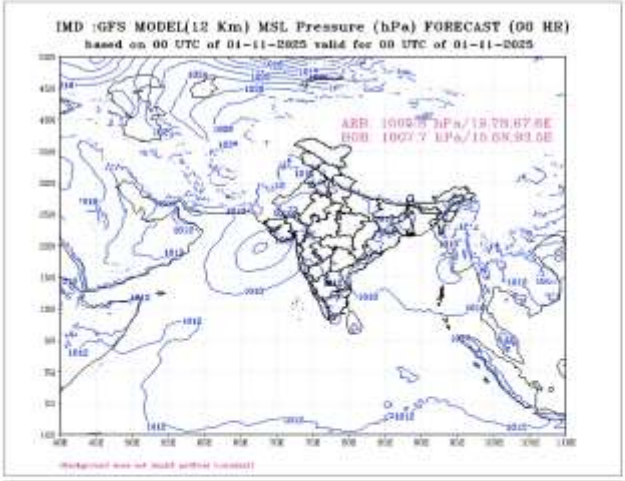
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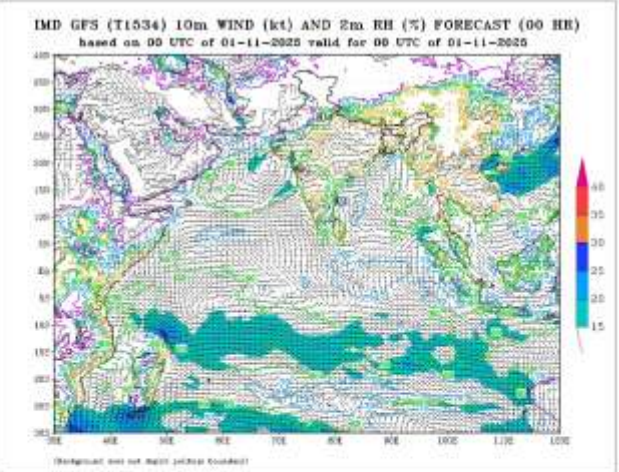
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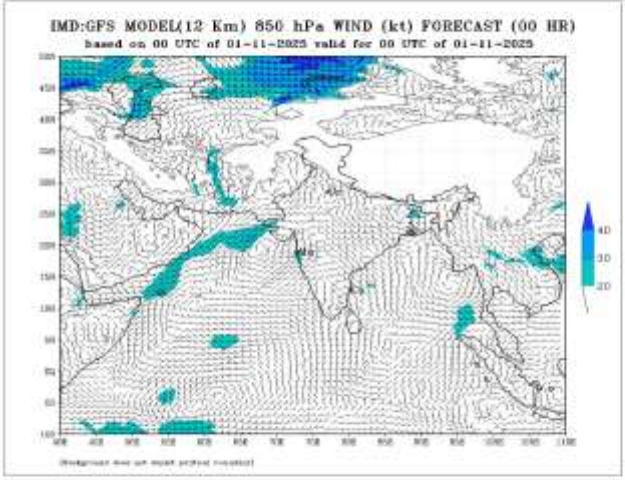
based on 00 UTC of 01-11-2025 valid for 00 UTC of 01-11-2025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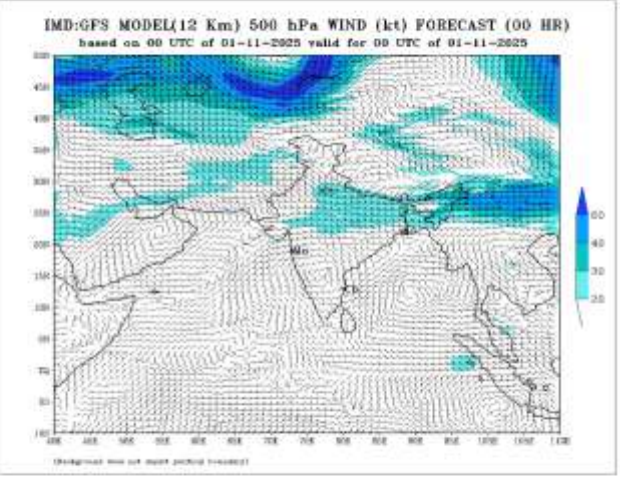
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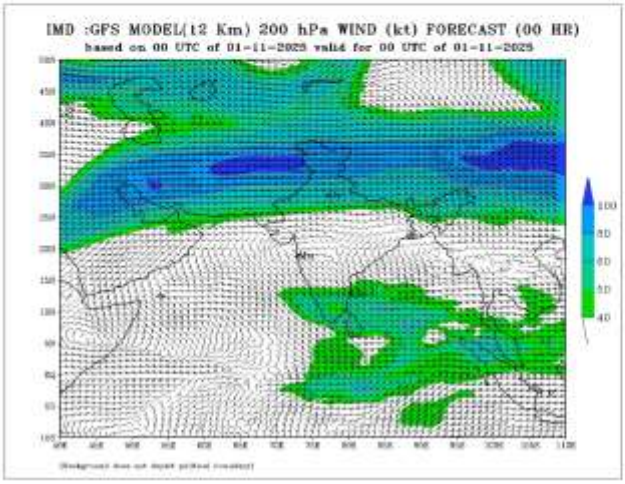
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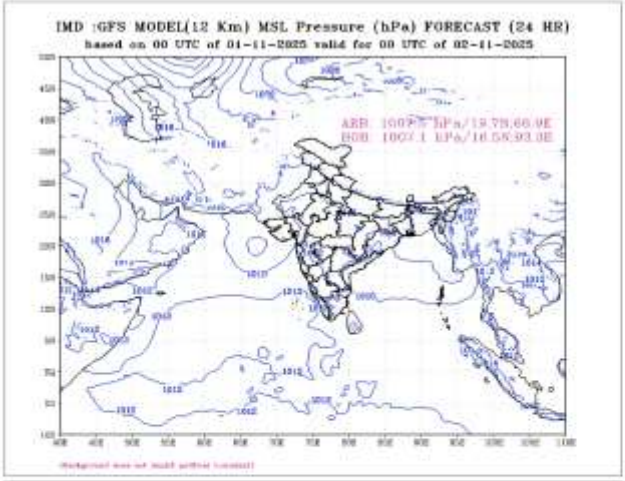
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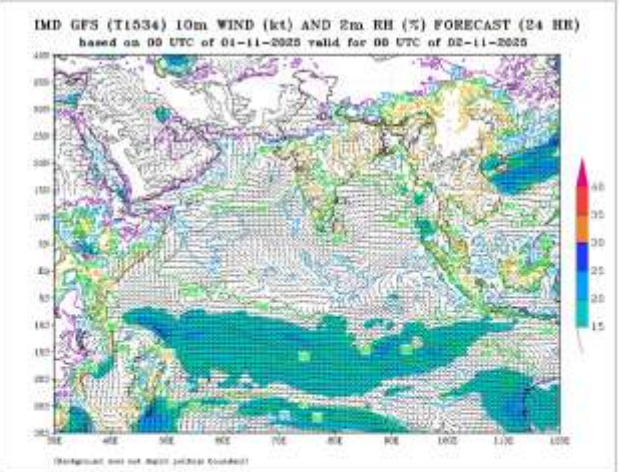
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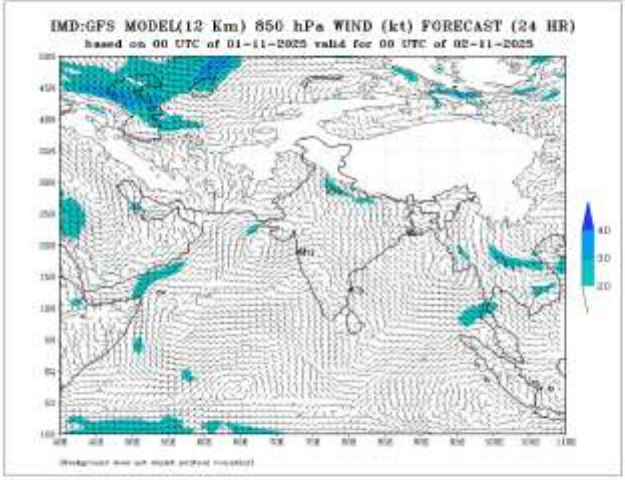
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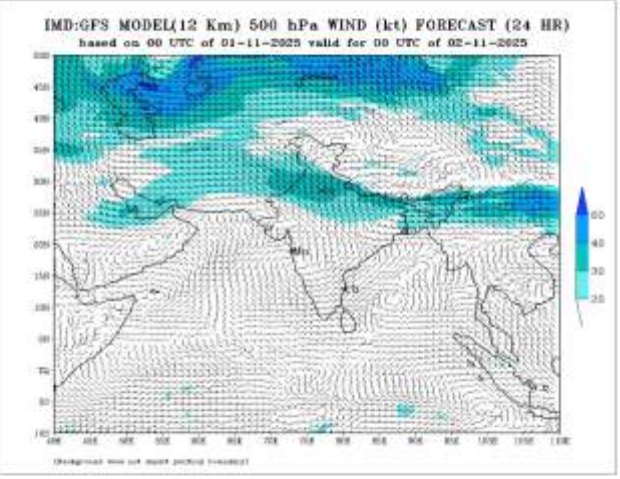
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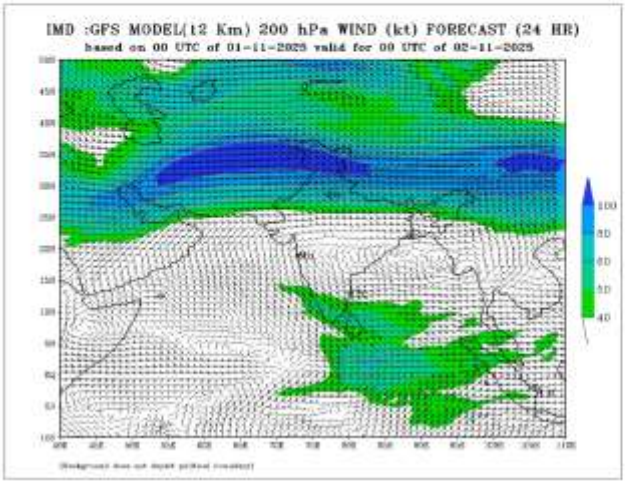
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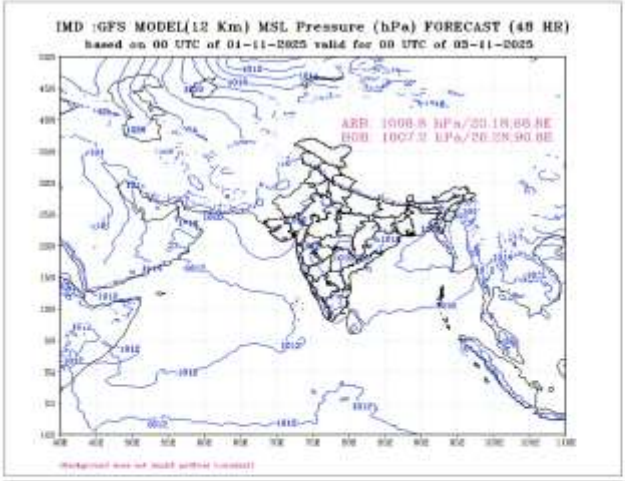
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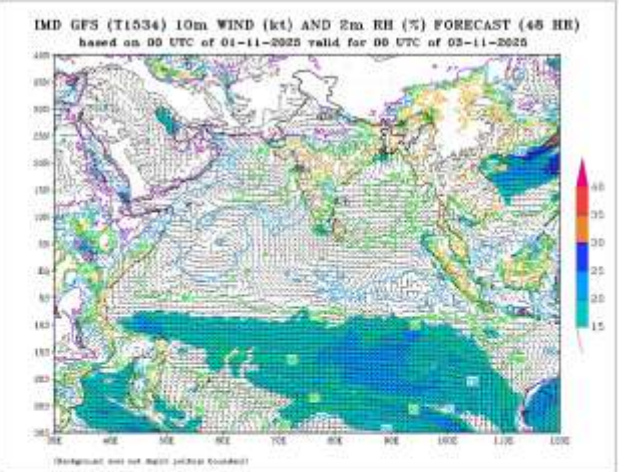
based on 00 UTC of 01-11-2025 valid for 00 UTC of 03-11-2025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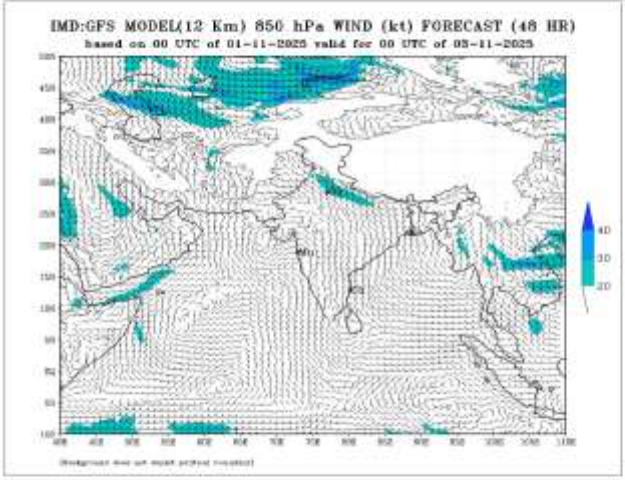
based on 00 UTC of 01-11-2025 valid for 00 UTC of 03-11-2025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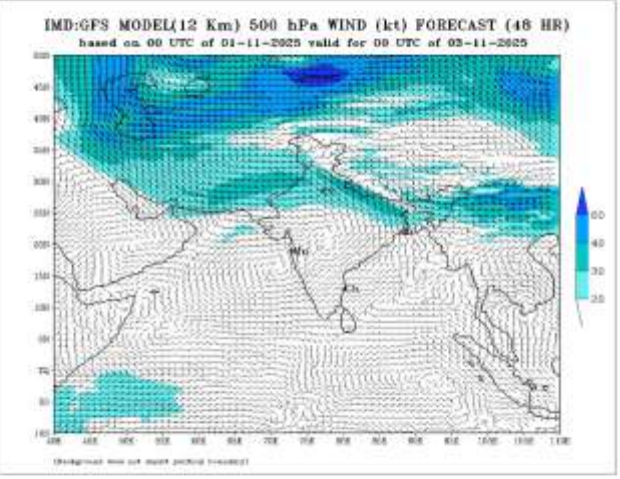
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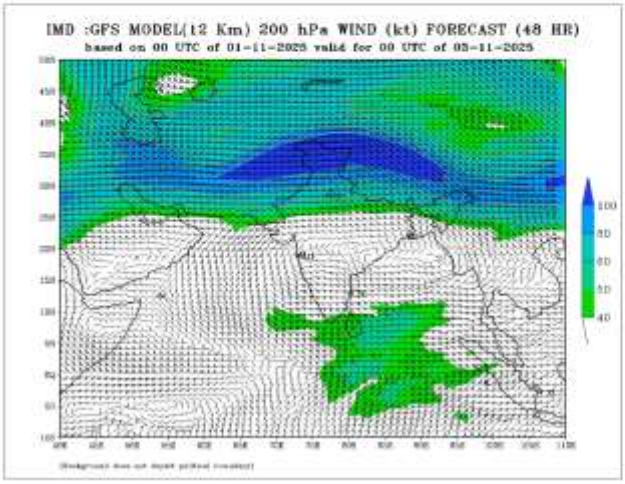
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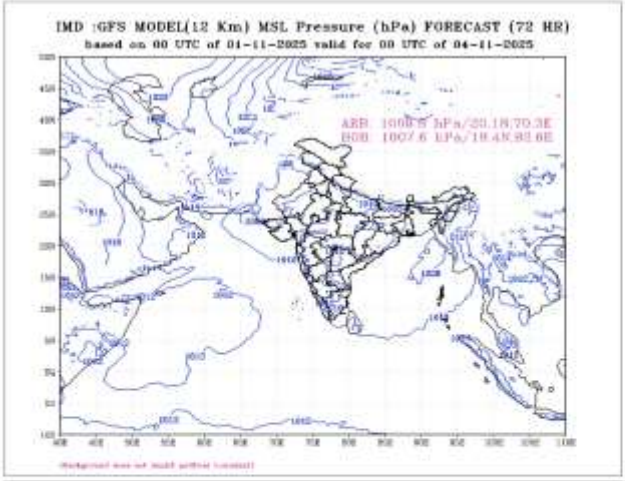
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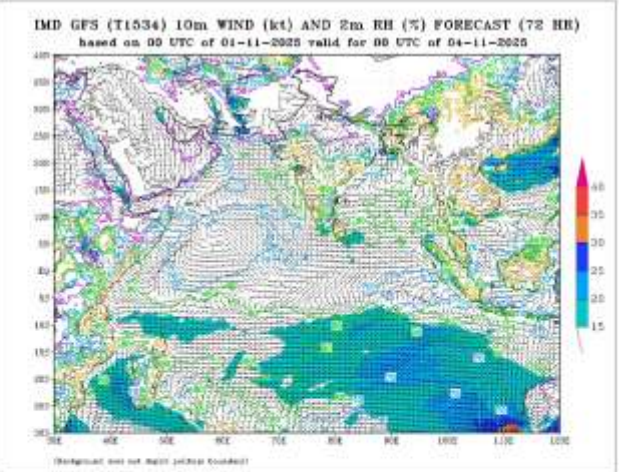
based on 00 UTC of 01-11-2025 valid for 00 UTC of 04-11-2025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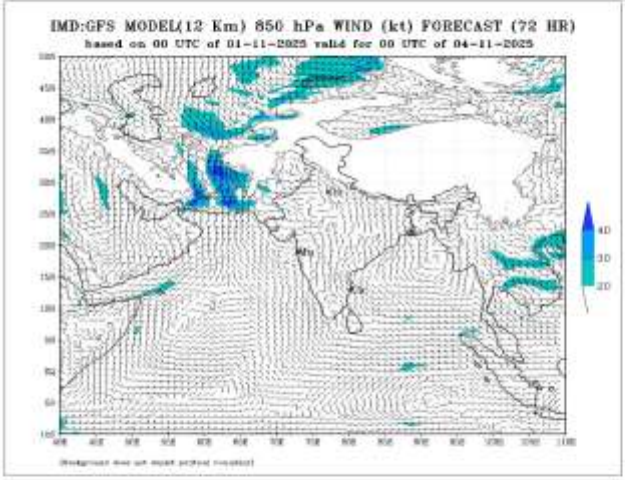
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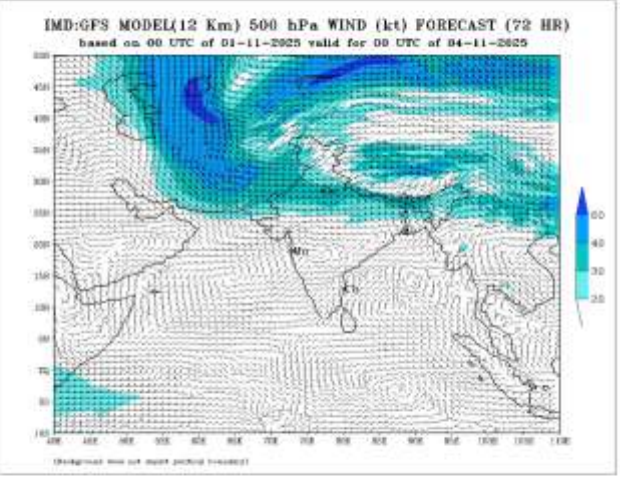
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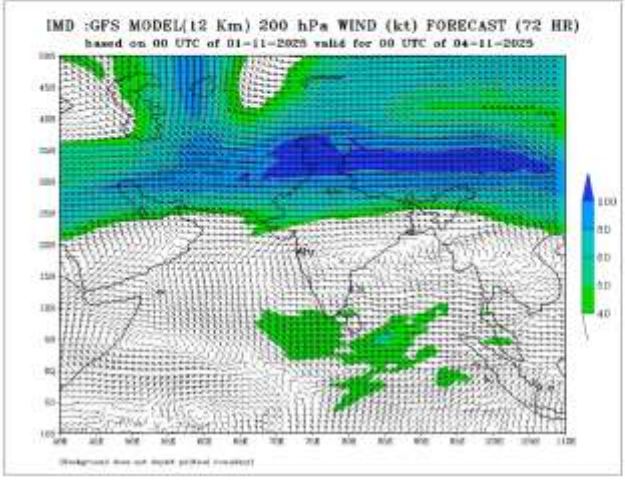
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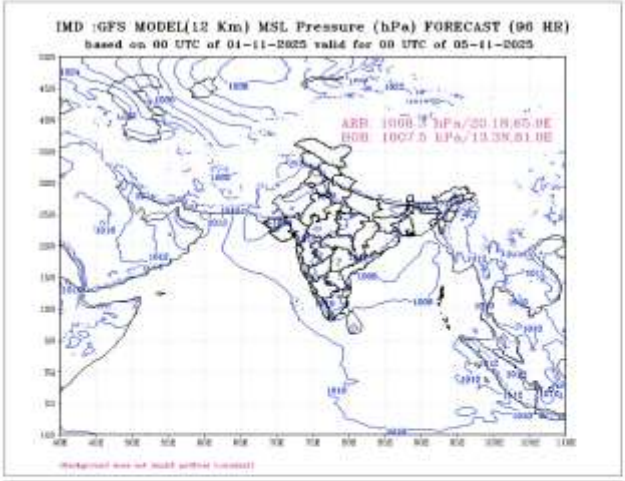
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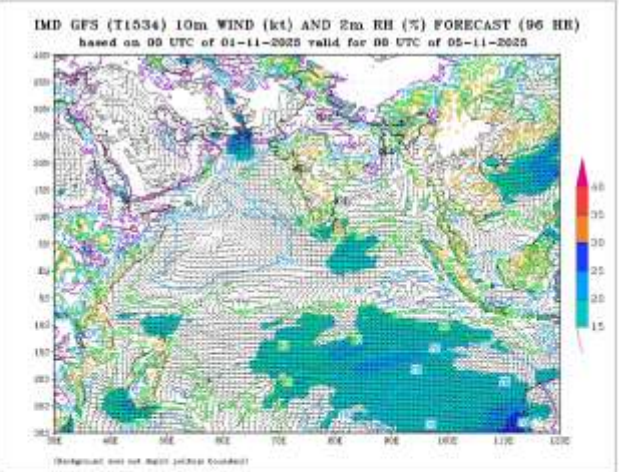
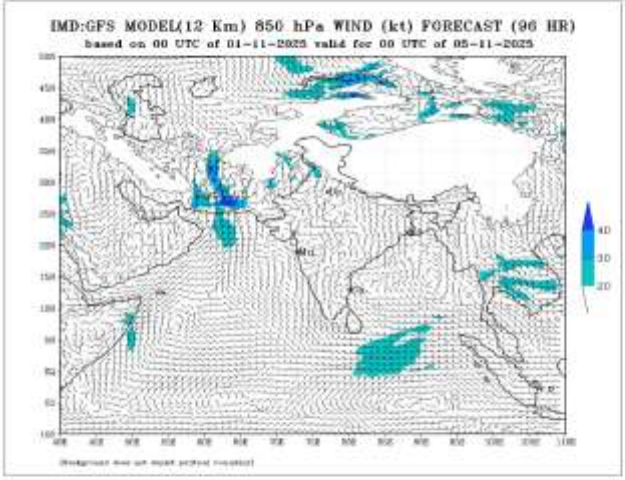

IMD GFS (T1534) 10m WIND (kt) AND 2m RH (%) FORECAST (96 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 05-11-2025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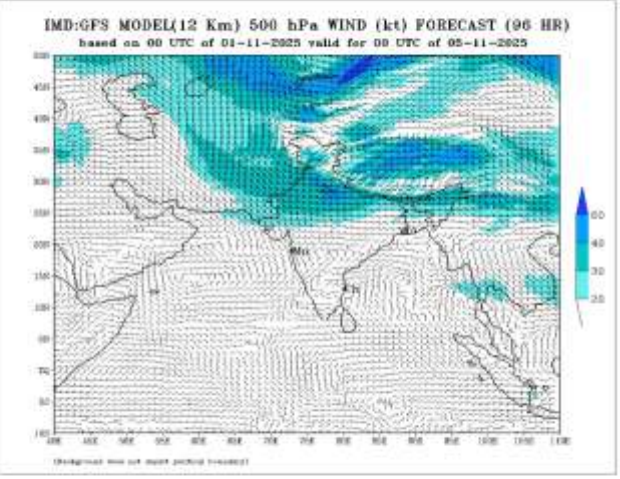
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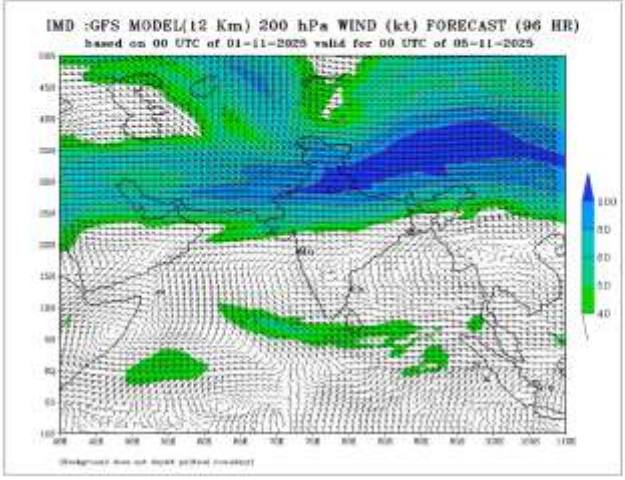
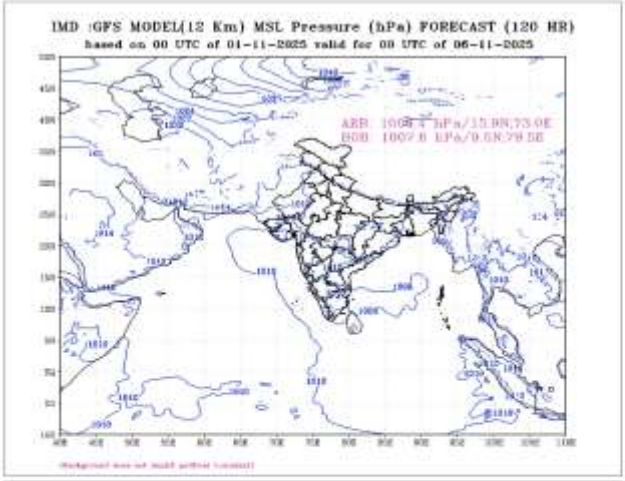
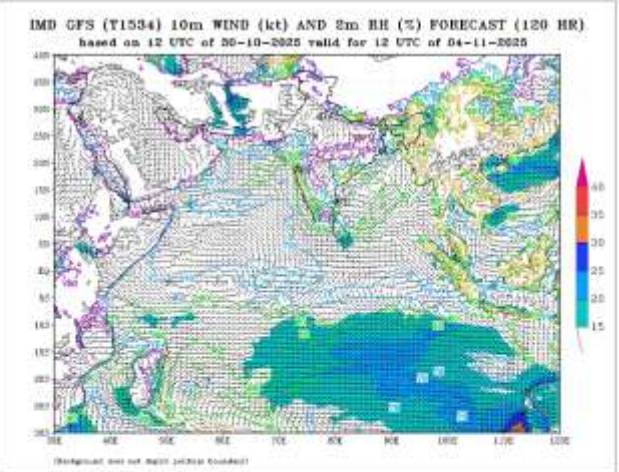
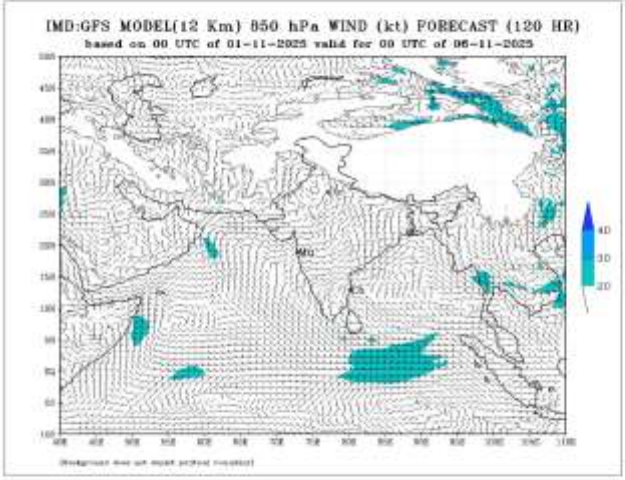
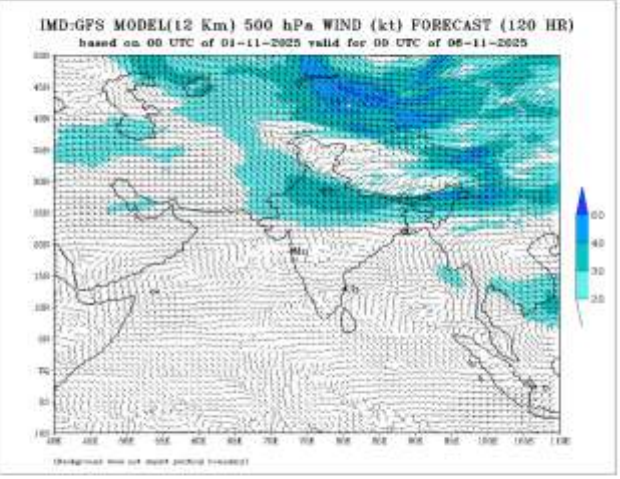
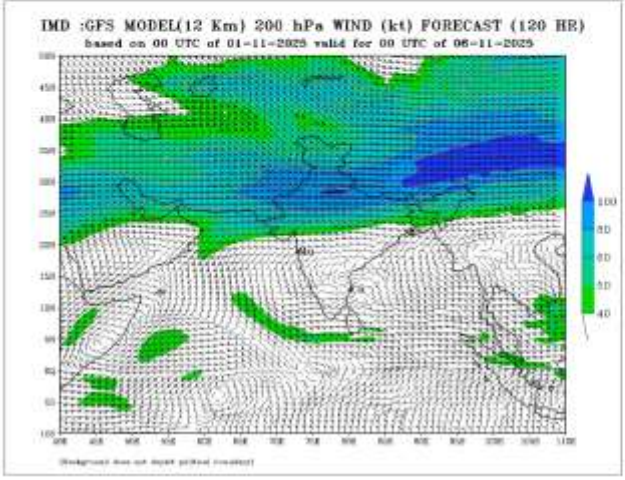

IMD :GFS MODEL(12 Km) 200 hPa WIND (kt) FORECAST (96 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 05-11-2025

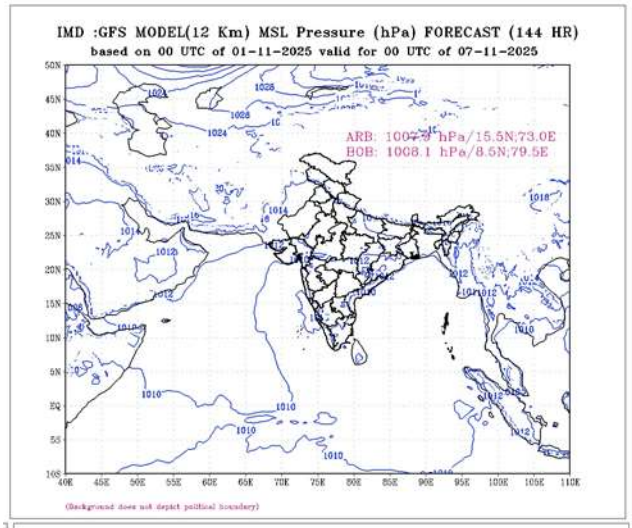

IMD :GFS MODEL(12 Km) MSL Pressure (hPa) FORECAST (120 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 06-11-2025

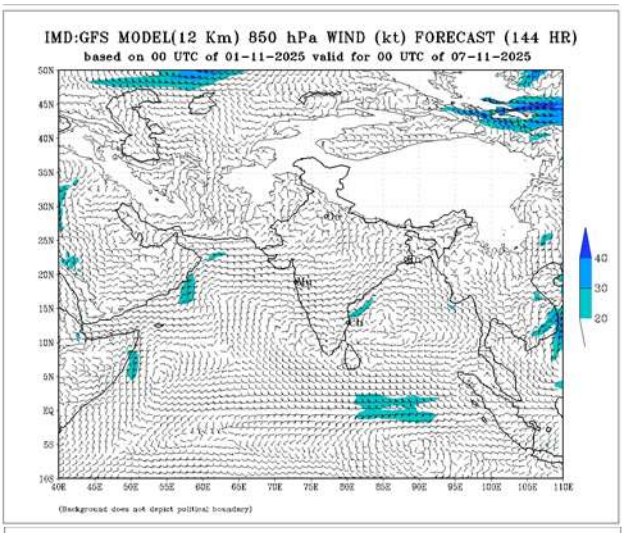

IMD GFS (T1534) 10m WIND (kt) AND 2m RH (%) FORECAST (120 HR)
based on 12 UTC of 30-10-2025 valid for 12 UTC of 04-11-2025

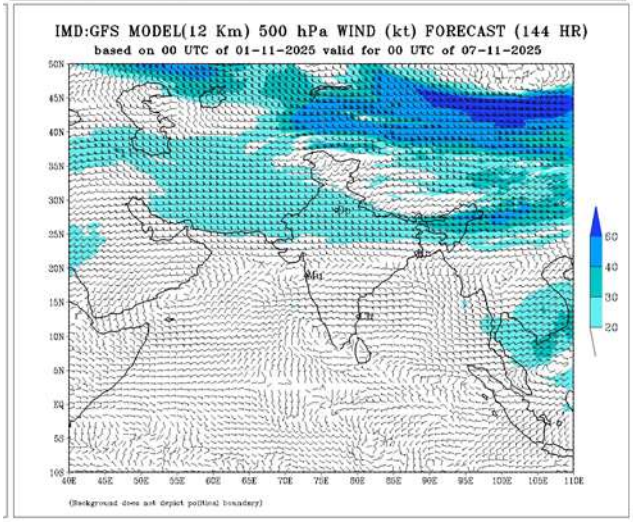

IMD:GFS MODEL(12 Km) 850 hPa WIND (kt) FORECAST (120 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 06-11-2025

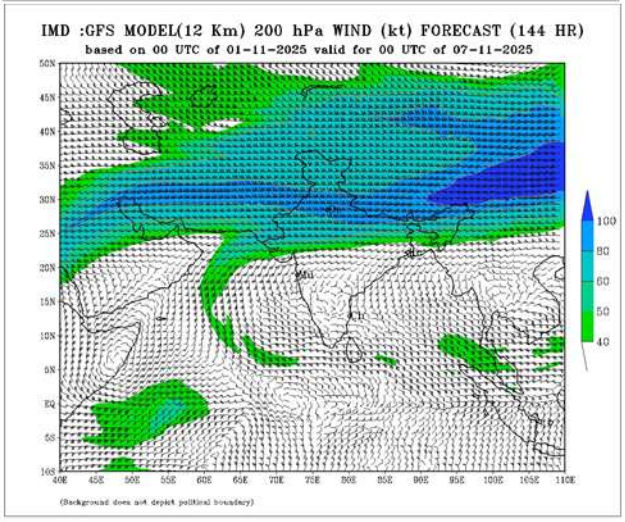

IMD:GFS MODEL(12 Km) 500 hPa WIND (kt) FORECAST (120 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 06-11-2025

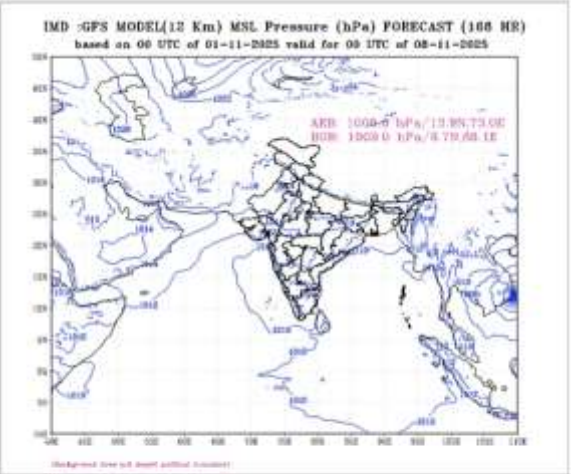

IMD :GFS MODEL(12 Km) 200 hPa WIND (kt) FORECAST (120 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 06-11-2025

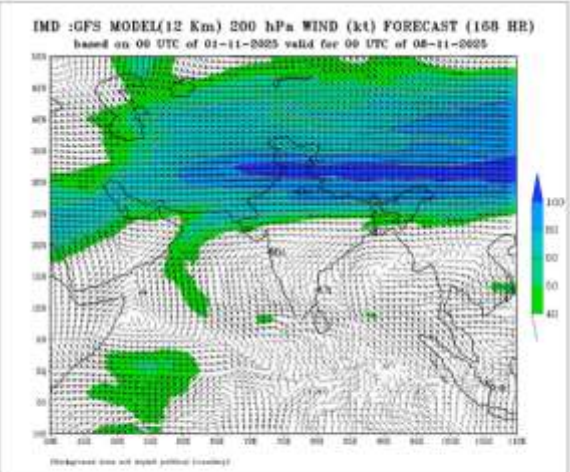

IMD :GFS MODEL(12 Km) MSL Pressure (hPa) FORECAST (144 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 07-11-2025
ARB: 1007.9 hPa/15.5N;73.0E
BOB: 1008.1 hPa/8.5N;79.5E
(Background does not depict political boundary)

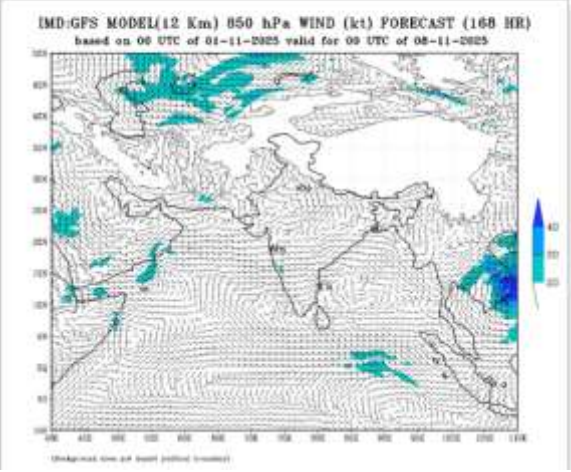

IMD:GFS MODEL(12 Km) 850 hPa WIND (kt) FORECAST (144 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 07-11-2025
40
30
20
(Background does not depict political boundary)

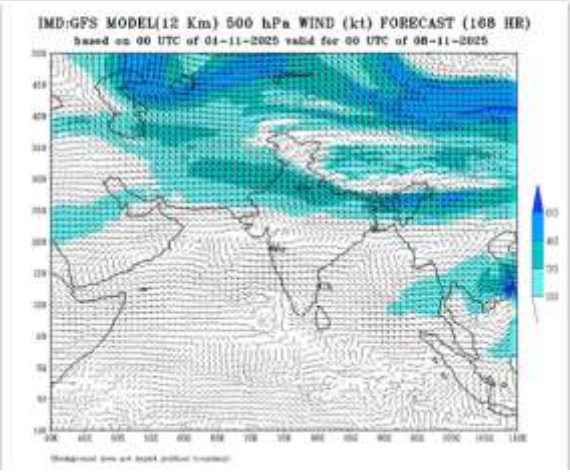

IMD:GFS MODEL(12 Km) 500 hPa WIND (kt) FORECAST (144 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 07-11-2025
60
40
30
20
(Background does not depict political boundary)


IMD :GFS MODEL(12 Km) 200 hPa WIND (kt) FORECAST (144 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 07-11-2025
100
80
60
50
40
(Background does not depict political boundary)


IMD :GFS MODEL(12 Km) MSL Pressure (hPa) FORECAST (168 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 08-11-2025


IMD :GFS MODEL(12 Km) 200 hPa WIND (kt) FORECAST (168 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 08-11-2025


IMD:GFS MODEL(12 Km) 850 hPa WIND (kt) FORECAST (168 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 08-11-2025


IMD:GFS MODEL(12 Km) 500 hPa WIND (kt) FORECAST (168 HR)
based on 00 UTC of 01-11-2025 valid for 00 UTC of 08-11-2025