



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

**Tropical Cyclone Forecast Programme
Report Dated 26th October 2025**

Time of Issue: 1300 UTC

Synoptic features (based on 0600 UTC analysis):

➤ **Depression over Eastcentral Arabian Sea**

The Depression over eastcentral Arabian Sea moved west-northwestwards with a speed of 20 kmph during past 6 hours and lay centered at 0600 UTC of today, the 25th October 2025, over the same region, near latitude 15.5°N & longitude 66.4°E, about about 790 km southwest of Mumbai (43003, Maharashtra), about 800 km west of Panjim (43192, Goa), 840 km northwest of Aminidivi (43311, Lakshadweep) and about 960 km west-northwest of Mangalore (43284, Karnataka).

It is likely to move initially nearly southwards and then southeastwards across Eastcentral Arabian Sea during next 24 hours.

➤ **Depression over Southeast Bay of Bengal**

The deep depression over southeast Bay of Bengal moved northwestwards with a speed of 5 kmph during past 6 hours, and lay centred at 0600 UTC of today, the 26th October 2025, over the same region, near latitude 11.3°N & longitude 87.0°E, about 620 km west of Port Blair (43333, Andaman & Nicobar Islands), 770 km east-southeast of Chennai (43279, Tamil Nadu), 820 km south-southeast of Visakhapatnam (43149, Andhra Pradesh), 810 km southeast of Kakinada (43189, Andhra Pradesh) and 920 km south-southeast of Gopalpur (43049, Odisha).

It is likely to move nearly west-northwestwards, intensify further into a cyclonic storm over southwest & adjoining westcentral Bay of Bengal during next 12hours. Thereafter it is likely to move northwestwards, then north-northwestwards and intensify into a severe cyclonic storm by 0000 UTC of 28th October. Continuing to move further north-northwestwards, it is very likely to cross Andhra Pradesh coast between Machilipatnam and Kalingapatnam around Kakinada during during 1200-1800 UTC of 28th October as a severe cyclonic storm with a maximum sustained wind speed of 90-100 kmph gusting to 110 kmph.

Environmental Features based on 0300 UTC:

Parameter	Bay of Bengal (BoB)	Arabian Sea (AS)
Sea Surface Temperature (SST) °C	➤ Around 29°C over the system area and along the predicted path. ➤ 28-30°C over rest of the BoB.	➤ Around 29 - 30°C over eastcentral adjoining southeast Arabian Sea, Lakshadweep Island, Maldives, Comorin areas, along and off Kerala, Karnataka coast, parts of northwest Arabian Sea. ➤ 26-27°C over rest of the Arabian Sea.
Tropical Cyclone Heat Potential (TCHP) kJ/cm2	➤ 100-130 over southeast of system centre, extending westward	➤ 90-120 over southeast AS, Lakshadweep Islands, Maldives islands and Comorin area.

		➤ 20-70 over rest AS.
Cyclonic Relative - vorticity ($\times 10^{-6} \text{ s}^{-1}$)	➤ $150 \times 10^{-6} \text{ s}^{-1}$ to the west of system centre	➤ 50 to the southwest of the system area extending upto 500 hPa level. It is southwest-northeast oriented and is extending upto west coast of India.
Low-Level convergence ($\times 10^{-6} \text{ s}^{-1}$)	➤ $30 \times 10^{-6} \text{ s}^{-1}$ to the west of system centre and another zone of $20 \times 10^{-6} \text{ s}^{-1}$ to the southeast of the system centre	➤ Positive zone of low-level convergence about $20 \times 10^{-6} \text{ s}^{-1}$ to the northeast of system area along the west coast of India.
Upper-Level divergence ($\times 10^{-6} \text{ s}^{-1}$)	➤ $30 \times 10^{-6} \text{ s}^{-1}$ to west of the system centre	➤ Two zones of positive upper-level divergence are seen to the west ($20 \times 10^{-6} \text{ s}^{-1}$) and another zone of ($30 \times 10^{-6} \text{ s}^{-1}$) to the east of system area along the west coast of India
Vertical Wind Shear (VWS knots) Low: 05-10 knots Moderate: 10-20 knots High: >20 knots	➤ Low over the system area and along the predicted path.	➤ Low to moderate over the central parts Arabian Sea
Wind Shear Tendency (knots)	➤ Decreasing over system area, along the forecast path	➤ Decreasing along the forecast path
Upper tropospheric Ridge	Near 17.0° N .	Near 17.0° N .

Over the BoB & Andaman Sea:

As per INSAT 3DS imagery at 0600 UTC of 26th October, vortex over southeast Bay of Bengal (BoB) & neighbourhood lay centred near $11.3^\circ \text{ N}/87.1^\circ \text{ E}$ with Intensity T2.0. Associated scattered to broken low/med clouds with embedded intense to very intense convection lay over south & adjoining central Bay of Bengal between latitude 5.0° N to 18.0° N and longitude 80.0° E to 93.0° E (minimum cloud top temperature is minus 70 to 90 degree Celsius). The latest satellite imagery indicates development of banding features in the northern sector with area of intense convection to the northwest of system area. There is large scale convection over the south & central BoB suggesting large scale release of latent heat release in the mid & upper tropospheric levels, which will support further intensification of the system. Both equatorward and poleward outflow is seen in the satellite imagery.

Over the Arabian Sea:

As per INSAT 3DS imagery at 0600 UTC of 26th October, vortex over eastcentral Arabian Sea & neighbourhood lay centred near $15.2^\circ \text{ N}/66.0^\circ \text{ E}$ with Intensity T1.5. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over central & adjoining south Arabian Sea, between latitude 10.0° N to 20.0° N , longitude 60.0° E to 73.0° E (minimum cloud top temperature is minus 70 to 90 degree Celsius).

Scattered to broken low and medium clouds with embedded intense to very intense convection lay over central & adjoining south Arabian Sea.

Scattered low and medium clouds with embedded moderate to intense convection lay over north Arabian Sea, Gulf of Cambay and rest of the parts of south Arabian Sea and Comorin area.

Outside India:

South Indian Ocean:

Vortex (CHENGE) over South Indian Ocean (AREA D20 adj D15) centered near 7.4°S/47.5°E. Intensity T1.5/1.5. Maximum sustained winds 17-27 kts. Associated scattered to broken low and medium clouds with embedded moderate to intense convection over area between latitude 5.0°S to 12.0°S Longitude 42.0°E to 47.0°E.

Scattered low & medium clouds with embedded moderate to intense convection over Sri Lanka, Palk Strait, Gulf of Mannar, Maldives, Tibet, China, Yellow Sea, 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 and over Indian Ocean between latitude 5.0°N to 20.0°S Longitude 40.0°E to 120.0°E.

M.J.O. Index:

The guidance from ECMM model indicates that Madden Julian Oscillation (MJO) index is presently in phase 4 with amplitude around 2 and likely to remain in same phase with amplitude around 2 on 26th October. It will enter into phase 5 by 27th with amplitude around 2, move across phase 5 with decreasing amplitude reaching close to 1 till 30th October. Thereafter, it is likely to move across phase 5 with amplitude becoming less than 1 by 31st October. The phase and amplitude of MJO is highly favourable for enhancement of convective activity and also cyclogenesis over the Bay of Bengal (BoB) during 25th - 29th October and over North Bay of Bengal (BoB) during 29th-31st October.

Equatorial waves guidance:

Guidance from NCICS model indicates enhanced westerly wind anomaly over southern parts of the North Indian Ocean (NIO) including the south BoB & south Arabian Sea (AS) and adjoining Equatorial Indian Ocean (EIO) during 26th to 27th October with slight decreasing trend thereafter during 28th October-2nd November. The westerly wind burst is likely to prevail over the southern parts of the NIO and adjoining EIO till 30th October.

The model also indicates prevalence of equatorial Rossby wave (ERW), MJO, low frequency background wave (LW) over the same region during 26th -30th October. The model guidance also indicates prevalence of easterly wind anomaly over westcentral BoB (7-9 mps) & over south Andaman Sea (3-5 mps) during initial few days of week 1. Thereafter easterly wind anomaly (1-3 mps) is likely over central parts of BoB. Over the AS, the model is indicating easterly wind anomaly (5-7 mps) over southwest & adjoining westcentral AS during 26th to 27th October. Thus, equatorial waves are likely to support the convective activity associated with both the cyclonic disturbances over eastcentral Arabian Sea and over the southeast BoB during 26th to 30th October.

NWP Guidance for FDP Cyclone:

MODEL GUIDANCE	Bay of Bengal (BoB)	Arabian Sea (AS)
IMD-GFS	IMD GFS is indicating DD over Southeast BoB on 26th, to rapidly intensify into CS on 27/00 UTC. Weaken gradually and reach near	Model is indicating D/DD over Central parts of AS on 26/00 UTC. To move slightly westwards over the same

	Andhra Pradesh coast on 28/00 UTC. Crossing it on 28/12 UTC near (16N/80.2E) around 28/12 UTC. Becoming less marked on 30/00 over interior Odisha and adjoining Chhattisgarh.	region till 29/00 UTC.
IMD-GEFS	--	—
IMD-WRF	-	—
BFS	BFS model indicates Depression on 25/00 UTC over southwest BoB on 27/00 UTC and LPA over north Tamil Nadu on 28/00 UTC	The model is indicating CS over Central parts of AS on 26/00 UTC. To move West-northwestwards towards Yemen coast till 30/00 with Weakening. Model is also indicating emergence of the D over South west Bay into Southeast Arabian Sea on 29/00 UTC with gradual WNW movement towards Westcentral AS till 1st November.
NCMRWF-NCUM(G)	Depression over Southeast Bay of Bengal on 26th. To move west-northwestwards with intensification into CS on southwest and adjoining westcentral Bay of Bengal on 26/12 UTC. Moving WNW and crossing AP near (17.8N/81.5E) on 28/12UTC. Moving NW till 29/12 UTC and then recurving NNE towards Jharkhand till 01/00 UTC.	DD over eastcentral AS on 26/00. To persist over the same region till 30/00 UTC and then move northeastwards towards south Gujarat coast. Crossing south Gujarat coast near (21.3N/70E) on 01/00 UTC.
NCMRWF-NCUM(R)	Same as NCUM(G) till 29/00	Same as NCUM(G) till 29/00
ECMWF	DD over SE Bay on 26/00. Intensifying into a CS on 27/00 over SW and SE Bay. Intensifying further into SCS and crossing Andhra Pradesh coast near (16.6N/ 82.3E) as a cyclonic storm. Thereafter, it is indicated to move initially north-westwards till 29/18 UTC and then NNE towards Jharkhand.	D over east central AS on 26/00. To intensify marginally and move over eastcentral and adjoining NE AS during 26/00 to 03/12 and less marked thereafter.
NCEP-GFS	DD over southeast Bay on 26/00. Intensification into a SCS by 28/00 and crossing on 28/12 near (16.4N/80.5E) as SCS. Thereafter, moving NNW till 30/00 and recurving NNE on 31/00 and less marked in 02/00.	D over eastcentral AS on 26/00. Moving Northeastwards with intensification towards south Gujarat coast till 31/00 and crossing south Gujarat coast as a CS on 31/12. Moving NNE across Gujarat and recurving and becoming less marked on 04 November.

EC-AIFS	DD over southeast Bay on 26/00. To intensify into CS on 26/12 and further intensify into SCS by 27/00. To weaken slightly around 28/06 and cross Andhra Pradesh coast round 28/21 UTC near (16.5N/81.5E) as a CS.	Depression over eastcentral AS on 26/00. To move NNE across eastcentral AS and Cross Gujarat coast as a cyclonic circulation on 01/12 UTC.
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Summary:

(a) Bay of Bengal:

There is good consensus among various models wrt further intensification of system into a cyclonic storm during next 24 hours and its movement towards Andhra Pradesh coast. The operational forecast is consensus based forecast utilising guidance from ECMWF, NCEP GFS, CMC and NCUM. IMD GFS and BFS are outliers. As per the guidance from various models, the landfall point is varying between Machillipatnam and Visakhapatnam. Compared to landfall point, there is large variation among various models wrt landfall time between 28/0900 UTC to 29/0700 UTC. The operational forecast is based on consensus between 28/1200 UTC to 28/1800UTC. The operational forecast is close to ECMWF forecast. GFS group of models show late landfall. With respect to intensity, there is large scale consensus among the models about the peak intensity reaching around 50 kt on 28th October.

(b) Arabian Sea

There is large variation among various models wrt movement of the system. Most of the models are indicating the system to hover over central parts of Arabian Sea during next 5-7 days. However, significant intensification is not indicated.

Inference:

Considering all the above,

- (a) The deep depression over southeast Bay of Bengal is likely to move nearly west-northwestwards, intensify further into a cyclonic storm over southwest & adjoining westcentral Bay of Bengal during next 06 hours. Thereafter it is likely to move northwestwards, then north-northwestwards and intensify into a severe cyclonic storm by 0000 UTC of 28th October. Continuing to move further north-northwestwards, it is very likely to cross Andhra Pradesh coast between Machilipatnam and Kalingapatnam around Kakinada during during 1200-1800 UTC of 28th October as a severe cyclonic storm with a maximum sustained wind speed of 90-100 kmph gusting to 110 kmph.

Confidence Level:

- (i) Estimation of Current location: High
- (ii) Estimation of Current Intensity: High
- (iii) Determination of forecast track: Moderate to High
- (iv) Determination of forecast intensity: Moderate to High
- (v) Determination of Landfall Point: Moderate to High
- (vi) Determination of Landfall Time: Moderate

- (b) The depression over eastcentral Arabian Sea is likely to move nearly westwards across Eastcentral Arabian Sea during next 24 hours.

Confidence Level:

- (i) Estimation of Current location: Moderate
- (ii) Estimation of Current Intensity: High
- (iii) Determination of forecast track: Moderate

(iv) Determination of forecast intensity: High

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

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

“- “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 Kerala on 27th, Karnataka, Konkan & Goa during 26th to 28th; entire Gujarat during 26th to 28th; Tamil Nadu and Sri Lanka during 26rd to 28th October; Andhra Pradesh during 26th to 29th October, Odisha during 27th to 29th

Warnings in association with system over Arabian Sea:

(i) Wind warning:

- Squally wind with speed reaching 45-55 gusting to 65 kmph prevailing around the system center and continue to prevail over Eastcentral and adjoining Southeast Arabian Sea till 27th October.
- Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely to prevail over Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 27th October, and wind speed reaching 35-45 kmph gusting to 55 kmph is very likely to prevail over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 26th and 27th October.

(ii) Sea condition:

- Sea Condition is likely to be rough to very rough over Eastcentral and adjoining Southeast Arabian Sea till 27th October.
- Sea Condition is likely to be rough over Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 27th October.
- Sea Condition is likely to be moderate to rough over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 26th and 27th October.

(iii) Fishermen warnings:

- Fishermen are advised not to venture into Eastcentral and adjoining Southeast Arabian Sea a, Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 27th October, and northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 26th and 27th October.

(iv) Impact Expected and Action Suggested due to heavy rain and strong winds (Lakshadweep Islands, Kerala and coastal Karnataka)

Impact expected:

- ❖ Breaking of tree branches. Strong 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.
- ❖ Surface & Helicopter services may be regulated.
- ❖ Small ships & country boats would be affected due to strong wind and heavy rain.

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.

Warnings in association with expected system over Bay of Bengal:

i. Wind warning:

- ❖ Squally weather with wind speed reaching 50-60 kmph gusting to 70 kmph is prevailing over southeast Bay of Bengal and adjoining areas of eastcentral Bay of Bengal. It is likely to increase becoming 45-55 kmph gusting to 65 kmph over central parts of Bay of Bengal from evening of 25th.
- ❖ Winds will further increase and becoming Gale wind speed reaching 60-70 kmph gusting to 80 kmph over southwest and adjoining areas of southeast & West central Bay of Bengal Bay of Bengal from 26th October evening.
- ❖ Thereafter winds would further increase becoming 80-90 kmph gusting to 100 kmph over westcentral and adjoining northwest Bay of Bengal from 27th October evening and would further increase 90 to 100 kmph from 28th October morning.
- ❖ **Along & Off Andhra Pradesh & Yanam Coasts:** Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is prevailing along & off Andhra Pradesh & Yanam (of Puducherry) coasts. It is likely to increase becoming 45-55 kmph gusting to 65 kmph from 27th morning and gale wind speed reaching 60-70 kmph gusting to 80 kmph from 28th morning, becoming 90-100 kmph gusting to 110kmph from 28th evening to early hours of 29th October and becoming 60-70kmph gusting to 80 kmph by 29th October noon. The winds would further decrease becoming 45-55 kmph gusting 65 kmph by 29th October evening and decrease gradually thereafter.
- ❖ **Along & Off Odisha Coast:** Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off south Odisha coast from 26th evening. It is likely to increase becoming 45-55 kmph gusting to 65 kmph from 27th evening and becoming gale wind speed reaching, 60-70 kmph gusting to 80 kmph from 28th evening to early hours of 29th October early hours along and off south Odisha coast, becoming 45-55 kmph gusting to 65 kmph till 29th October evening and decrease gradually thereafter. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail from 28th evening to early hours of 29th October early hours along and off north Odisha coast, becoming 40-50 kmph gusting to 60 kmph till 29th October evening and decrease gradually thereafter.
- ❖ **Along & Off West Bengal coast:** Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off west Bengal coast from 28th to 29th October.

- ❖ **Along & Off Tamil Nadu & Puducherry Coasts:** Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off Tamil Nadu - Puducherry coast till 28th October.

ii **Sea condition:**

- ❖ Very rough sea condition is prevailing over southeast and adjoining areas of Eastcentral Bay of Bengal and is likely to be high from 26th evening till 28th morning.
- ❖ Sea conditions is very likely to be very rough to high over southwest and adjoining areas of West central & southeast Bay of Bengal from 26th October evening.
- ❖ Sea conditions is very likely to be high to very high over westcentral and adjoining northwest Bay of Bengal from 27th October evening, becoming very high from 28th October morning till 29th early hours. Thereafter, it would start improving becoming high to very rough by noon of 29th and becoming very rough to rough during subsequent 12 hours.
- ❖ Sea condition is very likely to be rough to very rough along & off Tamil Nadu - Puducherry coast till 28th October,
- ❖ Sea condition is very likely to be rough to very rough along & off Andhra Pradesh & Yanam (of Puducherry) coasts till 27th October morning. It would further worsen becoming very rough to high from 28th morning onwards and very high from 28th evening to 29th October early hours. Thereafter, it would improve becoming high till noon of 29th October and very rough to rough during subsequent 12 hours.
- ❖ Sea condition is very likely to be rough to very rough along & off Odisha coast from 26th evening to 27th evening. It would worsen further becoming high from 28th morning to till 29th October early hours. It is likely improve gradually becoming very rough to rough during subsequent 12 hours.
- ❖ Sea condition is very likely to be rough along & off West Bengal coasts during 28th-29th October and improve thereafter.

iii. **Storm Surge Warning**

Storm surge of height about 1 m above astronomical tide is likely to cause inundation over low-lying areas of coastal Andhra Pradesh & Yanam (of Puducherry) around the landfall time.

iv **Fishermen warnings:**

Fishermen are advised not to venture into Southwest, adjoining central Bay of Bengal, along & off Tamil Nadu - Andhra Pradesh & Yanam (of Puducherry) coasts till 29th October and along & off Odisha coast till 29th October and along & off West Bengal coast during 28th-29th October. Those out at sea area should return to the coast immediately.

Impact Expected and Action Suggested due to heavy rain and strong winds (Andhra Pradesh & Yanam of Puducherry) [Tirupati, Annamayya, Nellore, YSR Kadapa, Prakasham, Bapatla, Chittor, Nadyal, Palnadu, Guntur, Krishna, East & West Godavari, Konaseema, Kakinada, Anakapalli, Alluri Seetharamaraju, Visakhapatnam, Eluru, Vizianagaram, Srikakulam, Parvathi Puram Manyam] **of Puducherry and South Odisha coasts** [Ganjam, Gajapati, Rayagada, Malkangiri, Koraput, Nawarangpur, Kalahandi, Kandhamal, Nuapada, Boudh]

- ❖ Major damage to thatched houses/ huts. Roof tops may blow off. Unattached metal sheets may fly.
- ❖ Damage to power and communication lines.
- ❖ Major damage to Kutcha and some damage to Pucca roads. Flooding of escape routes.
- ❖ Breaking of tree branches, uprooting of large avenue trees. Large-scale damage to banana and papaya trees. Large dead limbs blown from trees.
- ❖ Damage to paddy crops, horticultural and standing crops and orchards due to inundation & winds.
- ❖ Inundation of low-lying areas in coastal districts due to heavy rainfall and flash flood
- ❖ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.

- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic due to water logging and squally winds
- ❖ Localized Landslides/Mudslides It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)
- ❖ Damage to embankments/ salt pans.

Action suggested:

- ❖ Total suspension of fishing operations.
- ❖ Coastal hutment dwellers to be moved to safer places. People in affected areas to remain indoors.
- ❖ Movement in motor boats unsafe.
- ❖ Judicious regulation of offshore/onshore operations
- ❖ 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.

















