

### India Meteorological Department (Ministry of Earth Sciences)

#### National Bulletin No. 15 (AS/03/2025)/(BOB/07/2025)

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#### Subject: (A) Depression over eastcentral Arabian Sea

(B) Well Marked Low pressure area over southeast Bay of Bengal

#### (A) Depression over eastcentral Arabian Sea

The Depression over eastcentral Arabian Sea moved nearly northwards with a speed of 18 kmph during past 6 hours and lay centered at 2330 hrs IST of yesterday, the 24th October 2025, over the same region, near latitude 16.2°N & longitude 70.7°E, about 340 km west-northwest of Panjim (Goa), 400 km southwest of Mumbai (Maharashtra), 580 km northwest of Mangalore (Karnataka) and 610 km north-northwest of Aminidivi (Lakshadweep).

It is likely to move nearly northwards across Eastcentral Arabian Sea during next 24 hours.

#### Warnings:

#### (i) Rainfall Warning:

**Coastal Karnataka:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places during 25<sup>th</sup> to 26<sup>th</sup> and isolated **very heavy rainfall** on 27<sup>th</sup> October.

**Konkan & Goa:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places over Konkan and Goa on 25<sup>th</sup> October.

**Gujarat State:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places over coastal areas of Gujarat State during 25<sup>th</sup> to 27<sup>th</sup> October.

**Kerala:** Light to moderate rainfall at most places with **heavy rainfall** during 25<sup>th</sup> to 28<sup>th</sup> October.

#### (ii) 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 26<sup>th</sup> 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 26<sup>th</sup> 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 25<sup>th</sup> and 26<sup>th</sup> October.

#### (iii) Sea condition:

Sea Condition is likely to be rough to very rough over Eastcentral and adjoining Southeast Arabian Sea till 26<sup>th</sup> October.

Sea Condition is likely to be rough over Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 26<sup>th</sup> October.

Sea Condition is likely to be moderate to rough over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 25<sup>th</sup> and 26<sup>th</sup> October.

#### (iv) 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 26<sup>th</sup> October, and northeast Arabian Sea and along & off Maharashtra and Gujarat coasts on 25<sup>th</sup> and 26<sup>th</sup> October.

## (v) Impact Expected and Action Suggested due to heavy rain and strong winds (Kerala, coastal Karnataka, Konkan & Goa and Gujarat state) 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.

#### (B) Well marked Low pressure area over Southeast Bay of Bengal

The Well-marked low-Pressure area over southeast Bay of Bengal moved westwards during past 6 hours and lay over the same region at 2330 hrs IST of yesterday, the 24th October 2025.

It is likely to move west-northwestwards, intensify into a depression over southeast and adjoining central Bay of Bengal today, the 25th October and further into a deep depression by 26th and into a cyclonic storm over southwest & adjoining westcentral Bay of Bengal by 27th October morning.

#### Warning:

#### (i) Rainfall Warning:

**Andaman & Nicobar Islands:** Light to moderate rainfall at most places with **heavy** rainfall at isolated places till 25<sup>th</sup> October.

**Tamil Nadu:** Light to moderate rainfall at most places with **heavy rainfall** at isolated over interior Tamil Nadu is very likely during 25<sup>th</sup> to 26<sup>th</sup> & on 28<sup>th</sup> October and **heavy to very heavy rainfall** at isolated places on 27<sup>th</sup> October.

**Andhra Pradesh:** Light to moderate rainfall at many places with **heavy rainfall** at isolated over interior Andhra Pradesh is very likely during 25<sup>th</sup>-29<sup>th</sup> with **very heavy to extremely heavy rainfall** at isolated places over coastal Andhra Pradesh and Rayalaseema during 26<sup>th</sup> to 28<sup>th</sup> and isolated **heavy rainfall** during 29<sup>th</sup> October.

**Telangana:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 27<sup>th</sup> & 28<sup>th</sup> October.

**Odisha:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 26<sup>th</sup> October, and isolated **heavy to very heavy rainfall** during 27<sup>th</sup> to 29<sup>th</sup> October.

**West Bengal:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely during 28<sup>th</sup> to 30<sup>th</sup> October.

#### (ii)Wind warning:

Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is prevailing over southeast Bay of Bengal and Andaman Sea & adjoining areas of Eastcentral Bay of Bengal. It is likely to increase becoming squally wind speed reaching 50-60 kmph gusting to 70 kmph over central parts of Bay of Bengal on 25<sup>th</sup> and Gale wind speed reaching 60-70 kmph gusting to 80 kmph from 26<sup>th</sup> October evening onwards till 27<sup>th</sup> evening. It is likely to increase from 27<sup>th</sup> evening becoming Gale wind speed reaching 80-90 kmph gusting to 100 kmph over westcentral and adjoining northwest Bay of Bengal till 29<sup>th</sup> October.

Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off Tamil Nadu - Puducherry coast from 25<sup>th</sup> to 28<sup>th</sup> October, along & off

Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off Andhra Pradesh coast from 25<sup>th</sup> October. It is likely to increase becoming 45-55 kmph gusting to 65 kmph from 26<sup>th</sup> evening and gale wind speed reaching 60-70 kmph gusting to 80 kmph from 27<sup>th</sup> evening till 29<sup>th</sup> October.

Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail along & off Odisha coast from 26<sup>th</sup> October. It is likely to increase becoming 45-55 kmph gusting to 65 kmph from 27<sup>th</sup> and 50-60 kmph gusting to 70 kmph from 28<sup>th</sup> till 29<sup>th</sup> October.

#### (iii) Sea conditions:

Moderate to rough sea conditions prevailing over southeast Bay of Bengal and adjoining areas Andaman Sea & Eastcentral Bay of Bengal.

Sea condition is likely to be rough to very rough over central parts of Bay of Bengal on 25<sup>th</sup> October and becoming high from 26<sup>th</sup> evening onwards.

Sea condition is likely to be moderate to rough over along & off Tamil Nadu - Puducherry coasts during 25<sup>th</sup> & 26<sup>th</sup> October. It is likely to become rough to very rough from 26<sup>th</sup> evening onwards till 27<sup>th</sup> October and becoming very rough to high over westcentral and adjoining northwest Bay of Bengal from 28<sup>th</sup> October till 29<sup>th</sup> October.

Sea condition is likely to be moderate to rough over along & off Andhra Pradesh coast during 25<sup>th</sup>. It is likely to become rough to very rough from 26<sup>th</sup> evening onwards till 27<sup>th</sup> October and high from 28<sup>th</sup> till 29<sup>th</sup> October.

Sea condition is likely to be moderate to rough over along & off Odisha coast from 26<sup>th</sup> October. It is likely to become rough to very rough on 27<sup>th</sup> and very rough to high from 28<sup>th</sup> till 29<sup>th</sup> October.

#### (iv) Fishermen Warning:

Fishermen are advised not to venture into Southwest, adjoining central Bay of Bengal, along & off Tamil Nadu - Andhra Pradesh coasts till 29<sup>th</sup> October and along & off Odisha coast from 26<sup>th</sup> October till 29<sup>th</sup> October. Those out at sea area should return to the coast.

Impact Expected and Action Suggested due to heavy rain and strong winds (Andaman & Nicobar Islands, Tamil Nadu, South Interior Karnataka and Andhra Pradesh)

#### Impact expected:

- ❖ Heavy rain may damage plantation, horticulture and standing crops.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to 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:**

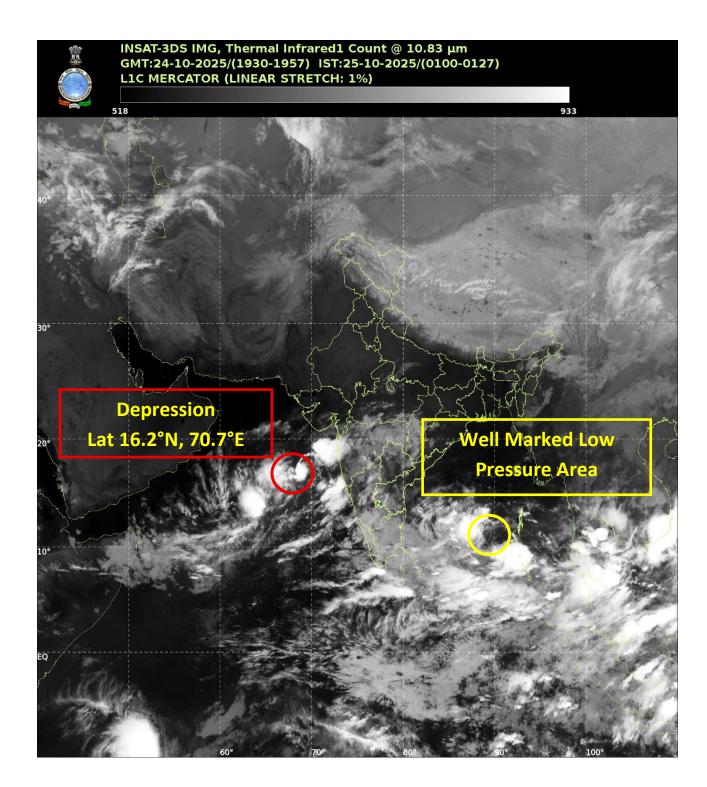
- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, 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.

Next Message will be issued at 0830 hrs IST of today, the 25th October, 2025.

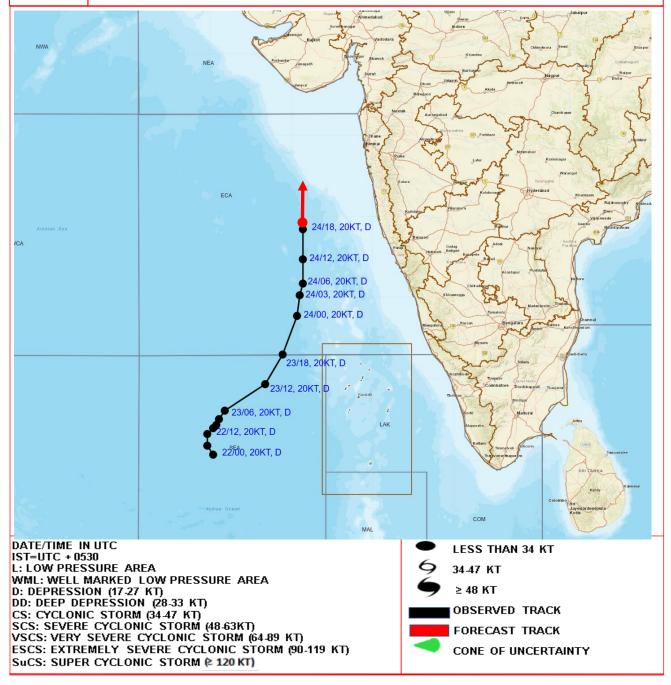
(Dr. Shashi Kant) Scientist-D, IMD, New Delhi

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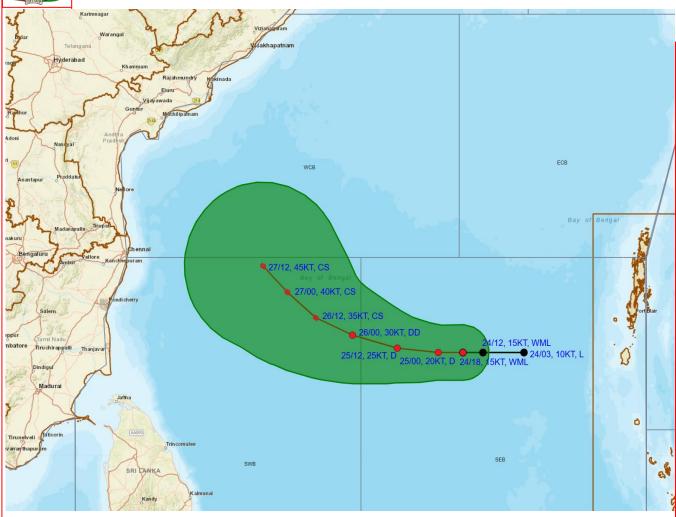


# OBSERVED AND FORECAST TRACK OF THE DEPRESSION OVER EASTCENTRAL ARABIAN SEA BASED ON 1800 UTC (2330 IST) OF $24^{\text{TH}}$ OCTOBER, 2025.





OBSERVED AND PRE-GENESIS FORECAST TRACK ALONGWITH CONE OF UNCERTAINITY OF WELL MARKED LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL BASED ON 1800 UTC (2330 Hrs. IST) OF 24TH OCTOBER 2025.



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 (48-63KT)

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

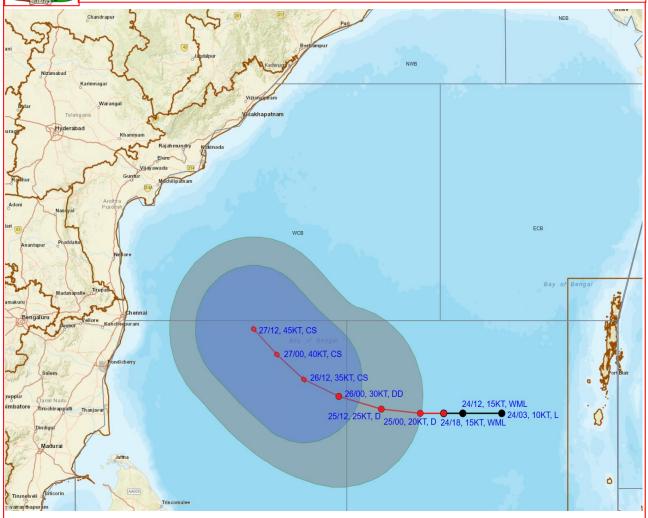
OBSERVED TRACK

FORECAST TRACK

CONE OF UNCERTAINTY



OBSERVED AND PRE-GENESIS FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF WELL MARKED LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL BASED ON 1800 UTC (2330 Hrs. IST) OF 24TH OCTOBER 2025.



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 (48-63KT)

VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT) ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

SuCS: SUPER CYCLONIC STORM (2 120 KT)

LESS THAN 34 KT

6 34.47 KT 6 ≥ 48 KT

OBSERVED TRACK
FORECAST TRACK

CONE OF UNCERTAINTY

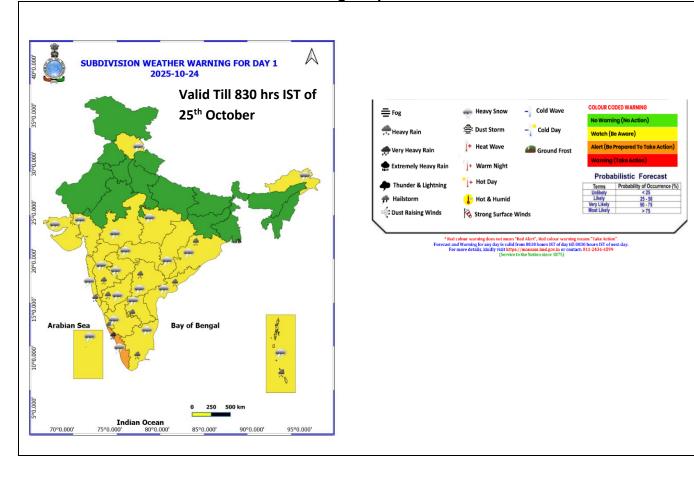
AREA OF MAXIMUM SUSTAINED WIND SPEED:

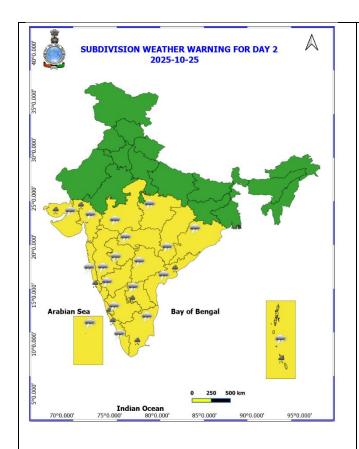
28-33 KT (52-61 KMPH) 34-49 KT (62-91 KMPH)

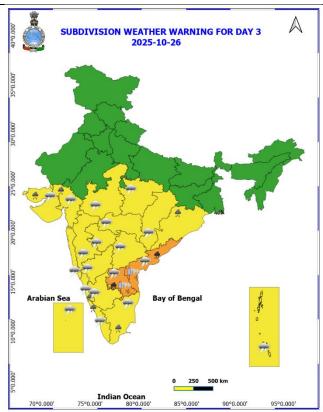
50-63 KT (92-117 KMPH) ≥ 64 KT (≥118 KMPH)

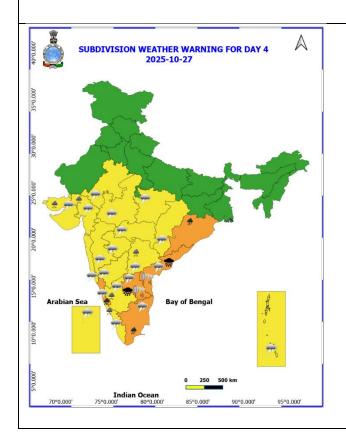
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

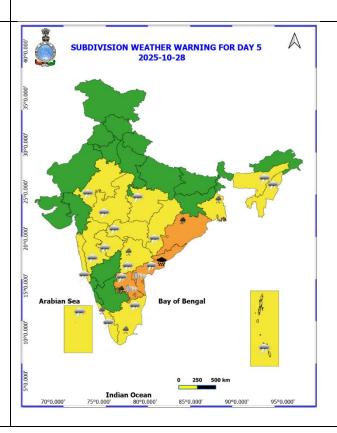
#### **Weather Warning Graphics**

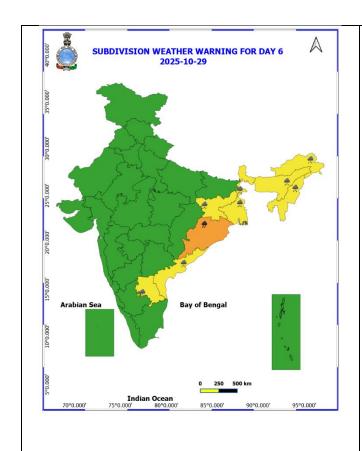


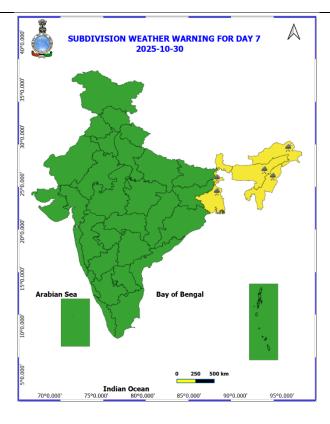




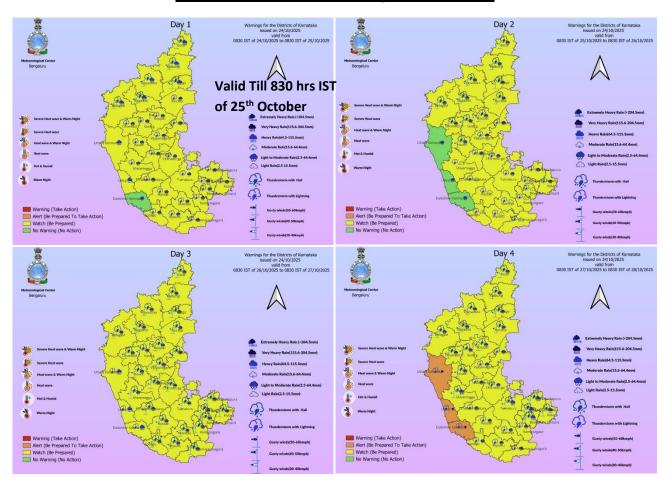




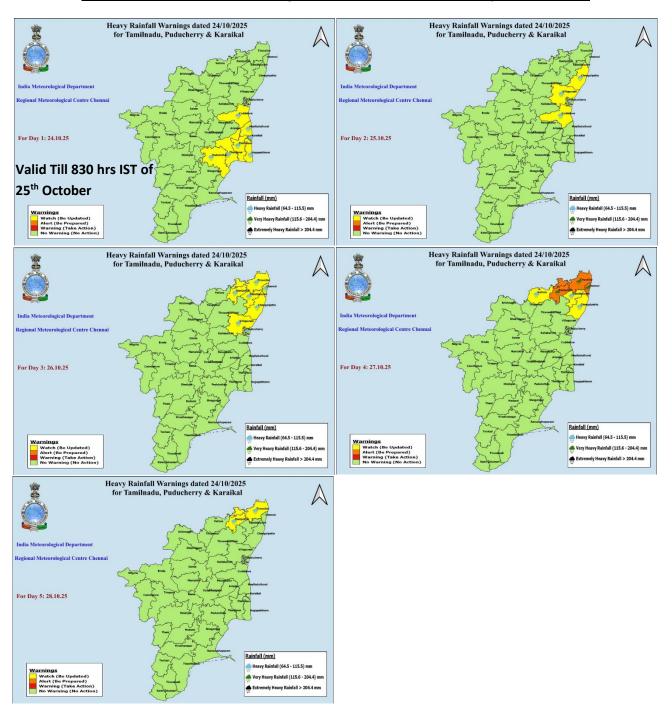




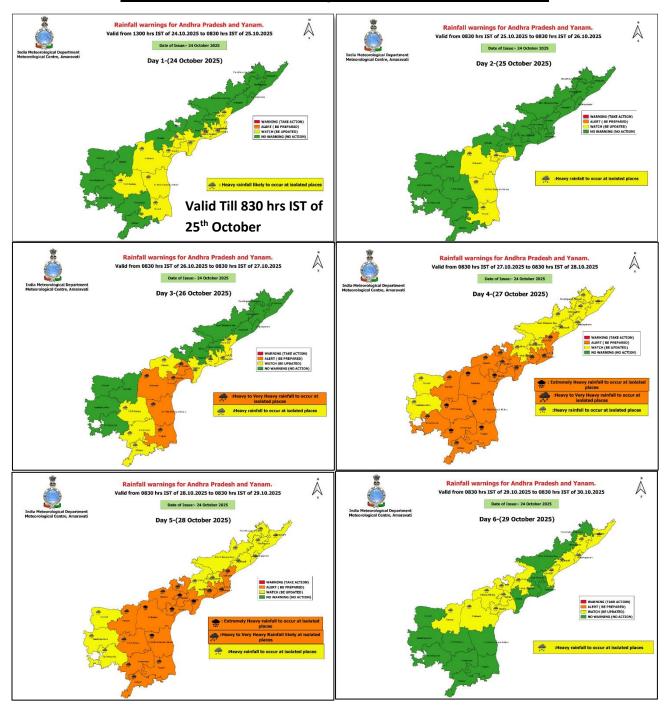
#### **District-wise Weather Warnings for Karnataka**



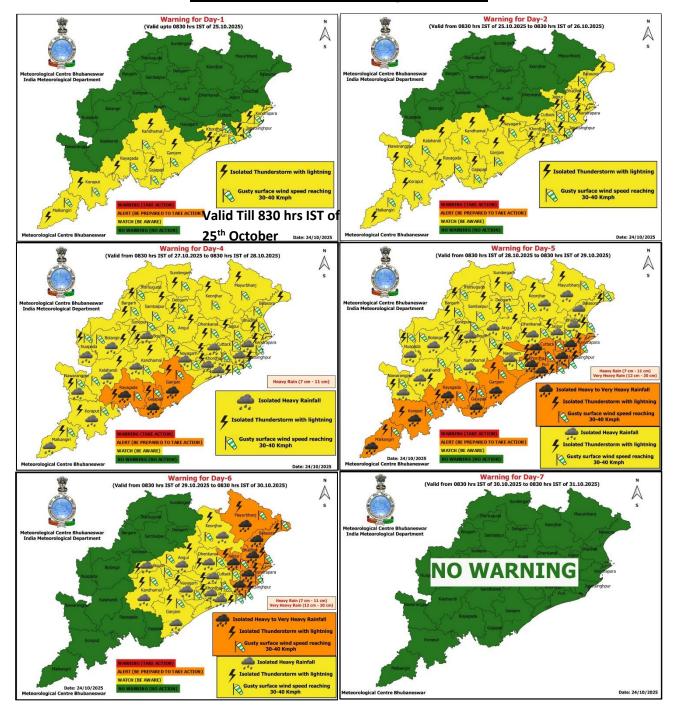
#### District-wise Weather Warnings for Tamil Nadu, Puducherry and Karaikal



#### **District-wise Weather Warnings for Andhra Pradesh & Yanam**



#### **District-wise Weather Warnings for Odisha**



#### <u>District-wise Weather Warnings for Kerala & Mahe and Lakshadweep Islands</u>

