



पृथ्वी विज्ञान मंत्रालय
Ministry of Earth Sciences



Press Release No.3 (BOB/07/2025)

Time of issue: 1730 hours IST

Dated: 27-10-2025

Sub: Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over Southwest & adjoining Westcentral Bay of Bengal: Cyclone warning for Andhra Pradesh, Yanam and adjoining South Odisha coasts (Orange Message**) and (b) Depression over eastcentral Arabian Sea**

(A) Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over Southwest & adjoining Westcentral Bay of Bengal

Yesterday's deep depression over southeast Bay of Bengal moved northwestwards and intensified into the **Cyclonic Storm “Montha” [Pronunciation: Mon-Tha]** in the same midnight (2330 hrs IST) of 26th October, 2025 over southwest & adjoining southeast Bay of Bengal. Thereafter, it moved north-northwestwards and lay and lay centered at 1130 hrs IST of today, the 27th October 2025, over the same region, near latitude 12.8°N & longitude 84.6°E, about 480 km east of Chennai (Tamil Nadu), 530 km south-southeast of Kakinada (Andhra Pradesh), 560 km south-southeast of Visakhapatnam (Andhra Pradesh), 720 km south of Gopalpur (Odisha) and 890 km west of Port Blair (Andaman & Nicobar Islands).

It is likely to move north-northwestwards and intensify into a severe cyclonic storm by morning 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 evening/night of 28th October as a severe cyclonic storm with a maximum sustained wind speed of 90-100 kmph gusting to 110 kmph.

Forecast track and intensity are given in the following table:

Date/ Time (IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
27.10.25/1130	12.8/84.6	75-85 gusting to 95	Cyclonic Storm
27.10.25/1730	13.4/84.1	80-90 gusting to 100	Cyclonic Storm
27.10.25/2330	14.1/83.6	85-95 gusting to 105	Cyclonic Storm
28.10.25/0530	14.8/83.2	90-100 gusting to 110	Severe Cyclonic Storm
28.10.25/1130	15.7/82.8	90-100 gusting to 110	Severe Cyclonic Storm
28.10.25/2330	17.2/82.3	90-100 gusting to 110	Severe Cyclonic Storm
29.10.25/1130	18.7/81.7	70-80 gusting to 90	Cyclonic Storm
29.10.25/2330	20.8/81.0	40-50 gusting to 60	Depression

Warning:

(i) Rainfall Warning (Graphics Enclosed):

Tamil Nadu, Puducherry & Karaikal: Light to moderate rainfall is very likely at most places with **heavy to very heavy rainfall** at isolated places on 27th and 28th October.

Andhra Pradesh & Yanam of Puducherry: Light to moderate rainfall is very likely at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall (> 20 cm)** at isolated places during 27th-29th October. Light to moderate rainfall is very likely at

many places with **heavy rainfall** at isolated places over north coastal Andhra Pradesh on 30th October.

Odisha: Light to moderate rainfall is very likely at most places with **heavy to very heavy rainfall** at isolated places on 27th October. The rainfall activity would increase thereafter with light to moderate rainfall very likely at most places with **heavy to very heavy rainfall** at a few places **and extremely heavy rainfall** (>20 cm) at isolated places over south Odisha and isolated **heavy to very heavy rainfall** over north Odisha on 28th & 29th October. Isolated **heavy rainfall** is likely over Odisha on 30th October.

Telangana: Light to moderate rainfall is very likely at most places with **heavy rainfall** at isolated places on 27th October with isolated **heavy to very heavy rainfall** on 28th & 29th October.

Chhattisgarh: Light to moderate rainfall is very likely at many places with isolated **heavy rainfall** likely over south Chhattisgarh on 27th; It is likely to increase becoming light to moderate rainfall is very likely at most places and **heavy to very heavy rainfall** with **extremely heavy rainfall** (> 20 cm) at isolated places over south Chhattisgarh on 28th October. Isolated **heavy to very heavy rainfall** at isolated places is very likely on 29th October. Isolated **heavy rainfall** is likely on 30th October.

Gangetic West Bengal: Light to moderate rainfall is very likely at most places with **heavy rainfall** at isolated places during 28th to 31st October.

Sub-Himalayan West Bengal & Sikkim: Light to moderate rainfall is very likely at a few places with isolated **heavy rainfall** on 30th October and **heavy to very heavy rainfall** on 31st October.

Jharkhand: Light to moderate rainfall is very likely at many places with **heavy rainfall** at isolated places on 28th, 29th & 31st October with **heavy to very heavy rainfall** on 30th October.

Bihar: Light to moderate rainfall is very likely at many places with **heavy rainfall** at isolated places during 29th October with **heavy to very heavy rainfall** on 30th & 31st October.

(ii) Wind warning (Graphics Enclosed):

- ❖ Gale wind speed reaching 70-80 kmph gusting to 90 kmph is prevailing over southwest & adjoining areas of Westcentral Bay of Bengal. Thereafter, winds would increase becoming 80-90 kmph gusting to 100 kmph over westcentral from 27th October evening and would further increase to 90 to 100 kmph from 28th October morning. The squally wind speed reaching adjoining northwest Bay of Bengal 30-40 kmph gusting to 50 kmph is prevailing over adjoining areas of northwest Bay of Bengal and likely to increase becoming gale wind speed reaching 60-70 kmph gusting to 80 kmph over the same region from evening of 28th morning till 29th morning and decrease gradually squally wind speed reaching 35-45 kmph gusting to 55 kmph on 30th October morning.
- ❖ **Along & Off Andhra Pradesh & Yanam Coasts:** Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing along & off Andhra Pradesh & Yanam (of Puducherry) coasts, becoming gale wind speed reaching 60-70 kmph gusting to 80 kmph from 28th morning, 90-100 kmph gusting to 110 kmph from 28th evening to early hours of 29th October. It would decrease gradually to 60-70 kmph gusting to 80 kmph by 29th October noon, along and off North Andhra Pradesh and Yanam coasts. The winds would be squally wind speed reaching 45-55 kmph gusting 65 kmph by 29th October evening and decrease gradually thereafter over the region.

- ❖ **Along & Off Tamil Nadu & Puducherry Coasts:** Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail along & off Tamil Nadu - Puducherry coast on 27th and becoming 45-55 kmph gusting to 65 kmph by 27th morning to 28th October morning. It would decrease gradually thereafter.
- ❖ **Along & Off Odisha Coast:** Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is prevailing along & off south Odisha coast, It is likely to increase becoming 45-55 kmph gusting to 65 kmph from 27th evening, becoming gale wind speed reaching, 60-70 kmph gusting to 80 kmph from 28th evening to early hours of 29th October early hours. It would be squally wind speed reaching 45-55 kmph gusting to 65 kmph along and off south Odisha coast till 29th October evening and decrease gradually thereafter. Squally wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail along and off north Odisha coast from 28th evening to early hours of 29th October, 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.

(iii) Sea conditions (Graphics Enclosed):

- ❖ Very rough to High Sea condition is prevailing over southwest and adjoining areas of West central Bay of Bengal.
- ❖ Sea condition is very likely to be high to very high over westcentral Bay of Bengal from 27th October evening, becoming very high from 28th October morning till 29th early hours. Thereafter, it is likely to improve becoming high to very rough by noon of 29th and becoming very rough to rough during subsequent 12 hours. Moderate to rough sea conditions is prevailing over adjoining areas of northwest Bay of Bengal. It is likely to worsen becoming very rough to high from 28th morning till 29th morning and thereafter gradually improve becoming rough till 30th morning.
- ❖ **Along & Off Andhra Pradesh & Yanam Coasts:** 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 worsen further 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.
- ❖ **Along & Off Odisha Coast:** Sea condition is very likely to be rough to very rough along & off Odisha coast till 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.
- ❖ **Along & Off Tamil Nadu & Puducherry Coasts:** Sea condition is very likely to be rough to very rough along & off Tamil Nadu - Puducherry coast till 28th October.
- ❖ **Along & Off West Bengal coast:** Sea condition is very likely to be rough along & off West Bengal coasts during 28th-29th October and improve thereafter.

(iv) Storm Surge Warning (Graphics Enclosed):

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.

(v) 24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of tomorrow, the 28th October is enclosed.

(vi) Fishermen Warning (Graphics Enclosed):

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, 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.

(vii) 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] 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.
- ❖ Possibility of coastal flooding and coastal erosion is also very likely over coastal districts of north Andhra Pradesh & Yanam.

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.

(B) Depression over Eastcentral Arabian Sea

Yesterday's depression over eastcentral Arabian Sea followed a looping movement over eastcentral Arabian Sea and lay centered at 1130 hrs IST of today, the 27th October 2025, over the same region, near latitude 16.6°N & longitude 67.2°E, about 580 km southwest of Veraval (Gujarat), 660 km west-southwest of Mumbai (Maharashtra), 720 km west of Panjim (Goa), 850 km northwest of Aminidivi (Lakshadweep) and about 920 km west-northwest of Mangalore (Karnataka).

It is likely to continue to move nearly north-northeastwards across Eastcentral Arabian Sea during next 48 hours.

Warnings:

(i) Rainfall Warning:

Coastal Karnataka: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places on 27th and isolated **heavy rainfall** on 28th October.

Konkan & Goa: Light to moderate rainfall at many places with **heavy rainfall** at isolated places over Konkan and Goa during 27th to 29th October.

Gujarat region: Light to moderate rainfall at many places with **heavy to very rainfall** at isolated places likely over Gujarat State on 27th & 31st October and **heavy rainfall** at isolated places during 28th-30st October.

Saurashtra & Kutch: Light to moderate rainfall at many places with **heavy to very rainfall** and extremely heavy rainfall (> 20 cm) at isolated places on 27th October; **heavy to very heavy rainfall** at isolated places during 28th-31st October.

Kerala: Light to moderate rainfall at most places with **heavy to heavy rainfall** at isolated places very likely on 27th and **heavy rainfall** on 28th 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 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 27th October. It is likely to increase becoming 45-55 kmph gusting to 65 kmph during 28th to 30th October.

(iii) 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 27th October, rough to very rough during 28th to 30th October.

(iv) Fishermen warnings:

Fishermen are advised not to venture into Eastcentral Arabian Sea till 29th, Southeast Arabian Sea till 27th October, Lakshadweep & Comorin Area and along & off Karnataka and Kerala coasts till 27th October, northeast Arabian Sea and along & off Maharashtra and Gujarat coasts till 30th October.

(v) 24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of tomorrow, the 28th October is enclosed.

(vi) 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.

Kindly visit www.rsmcnewdelhi.imd.gov.in and www.mausam.imd.gov.in for updates on the system.

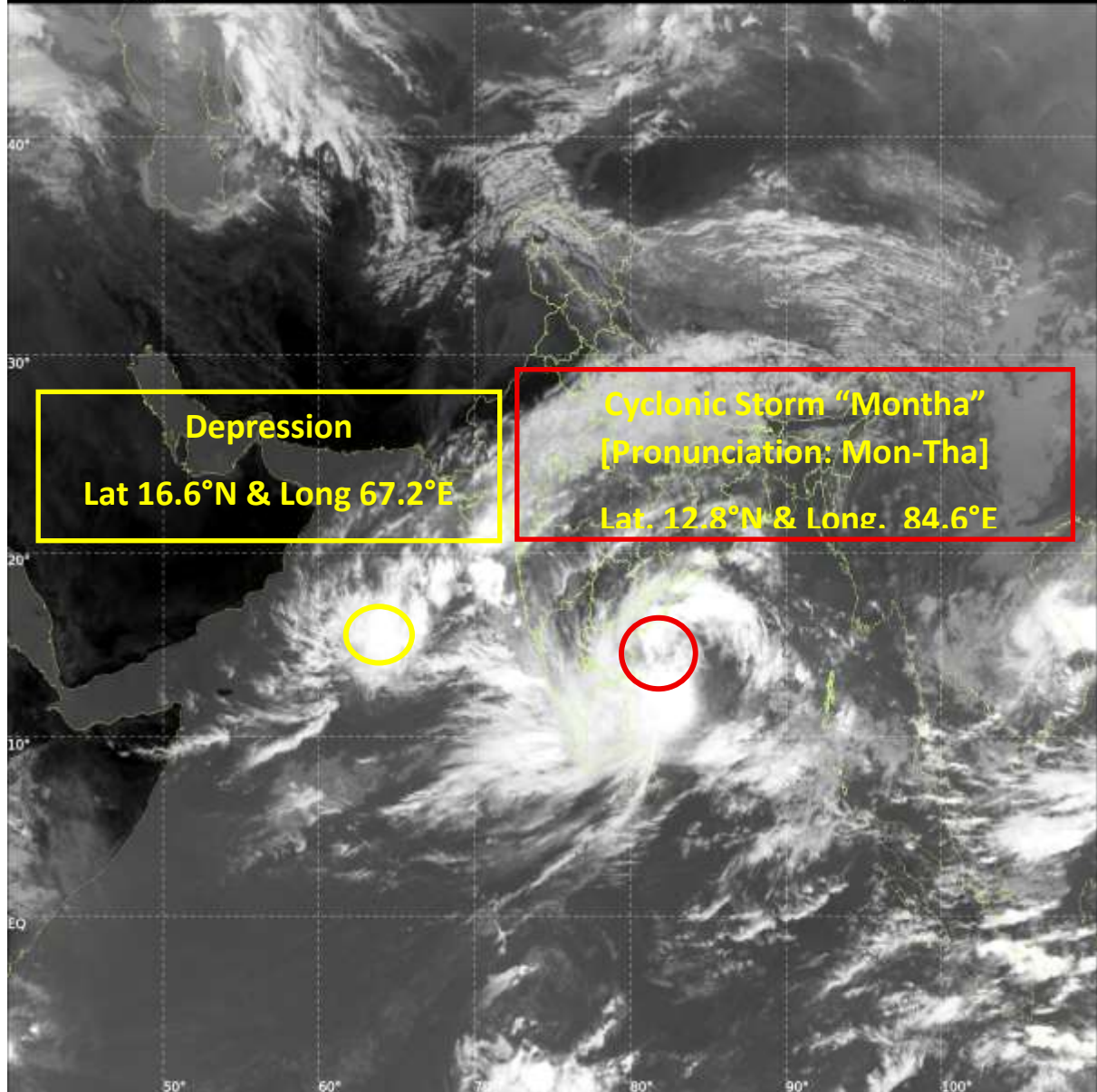
Next Message will be issued at 1430 hrs IST of tomorrow, the 28th October, 2025.



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:27-10-2025/(0800-0827) IST:27-10-2025/(1330-1357)
L1C MERCATOR (LINEAR STRETCH: 1%)

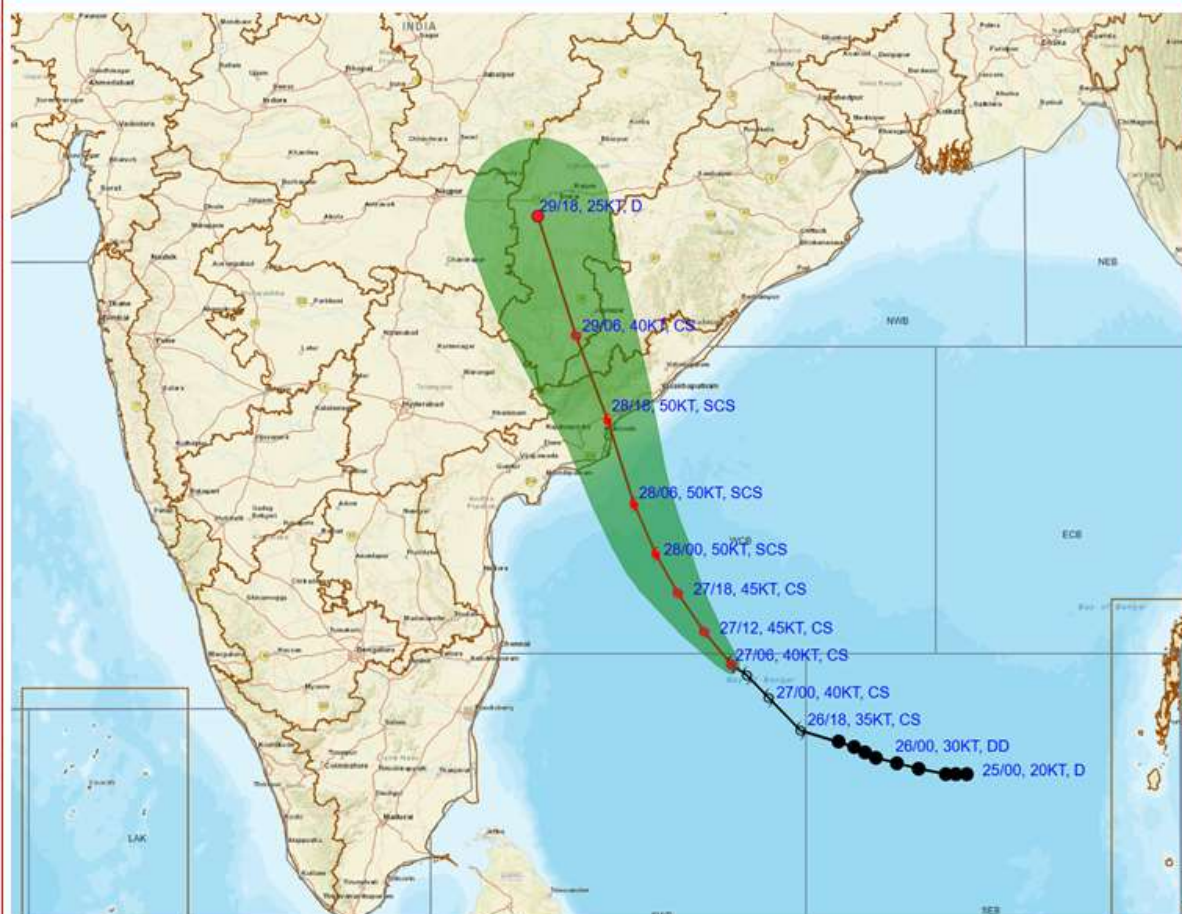
335

914





OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF CYCLONIC STORM "MONTHA" OVER SOUTHWEST AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 0600 UTC (1130 Hrs. IST) OF 27TH 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

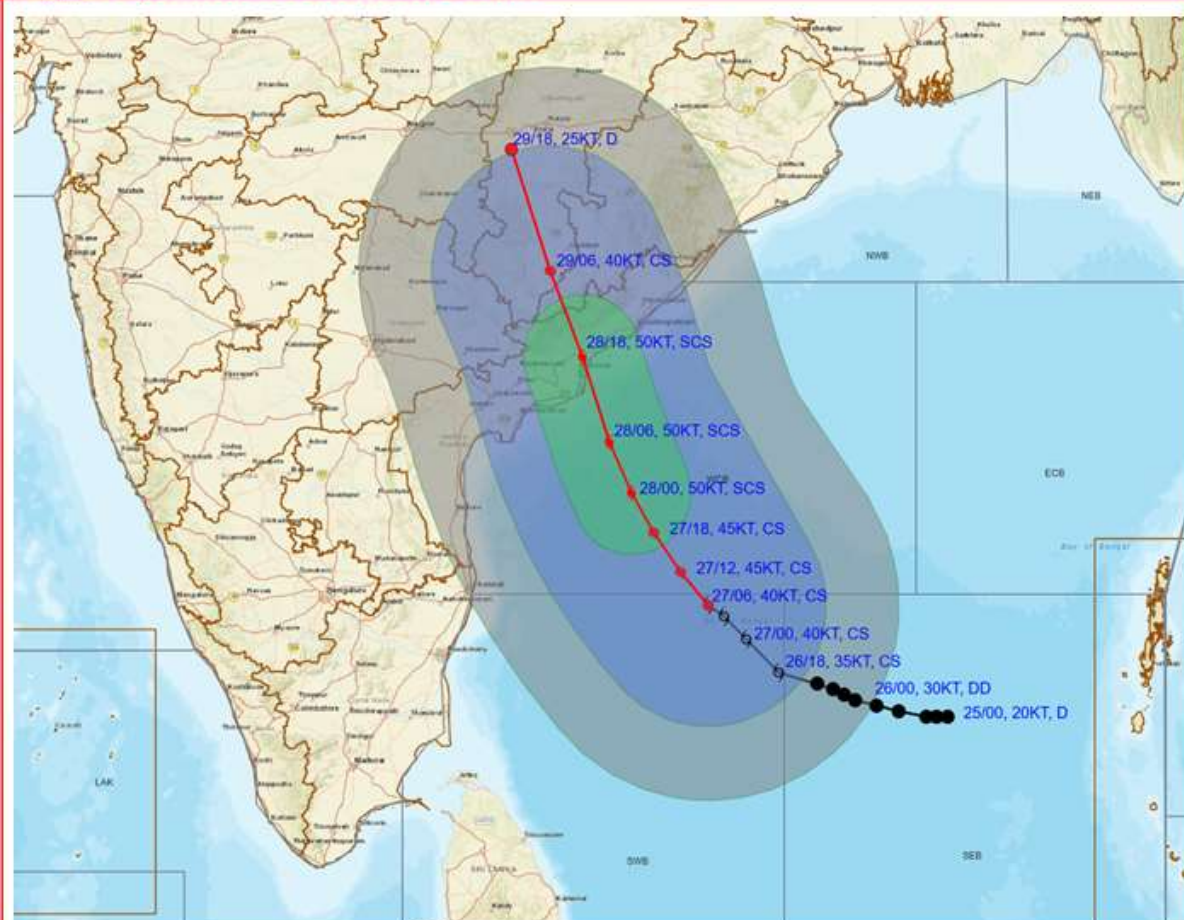
— OBSERVED TRACK

— FORECAST TRACK

■ CONE OF UNCERTAINTY



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "MONTHA" OVER SOUTHWEST AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 0600 UTC (1130 Hrs. IST) OF 27TH 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 (48-63 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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

— 28-33 KT (52-61 KMPH)

— 34-49 KT (62-91 KMPH)

— 50-63 KT (92-117 KMPH)

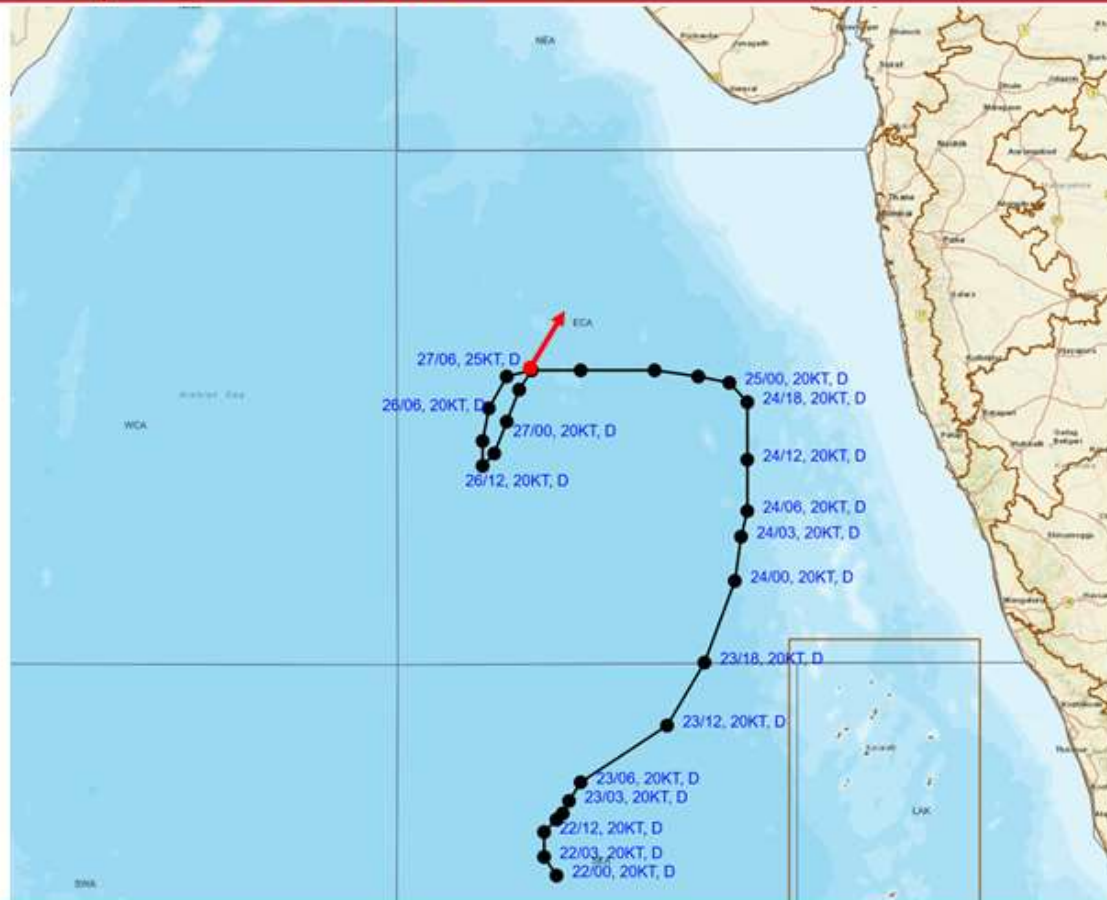
— ≥ 64 KT (≥ 118 KMPH)

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



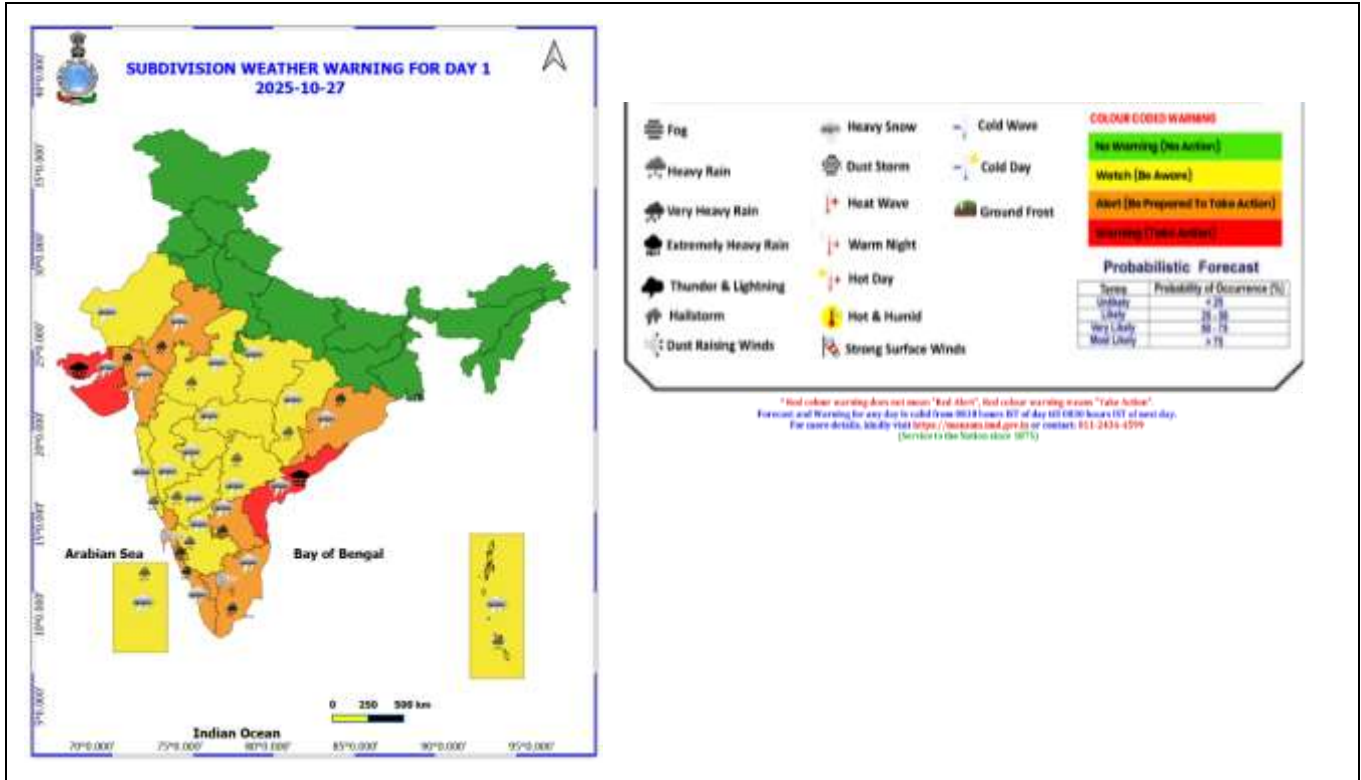
OBSERVED AND FORECAST TRACK OF THE DEPRESSION OVER EASTCENTRAL ARABIAN SEA BASED ON 0600 UTC (1130 IST) OF 27TH OCTOBER, 2025.

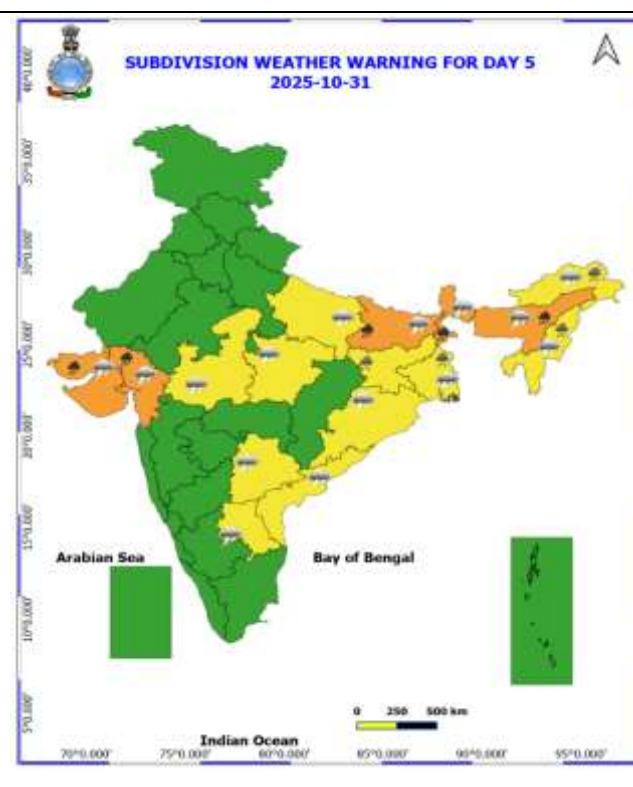
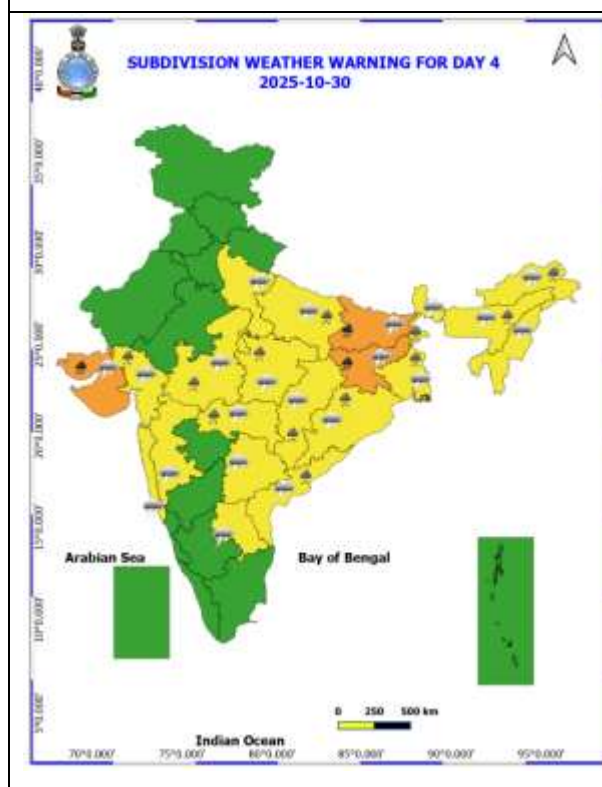
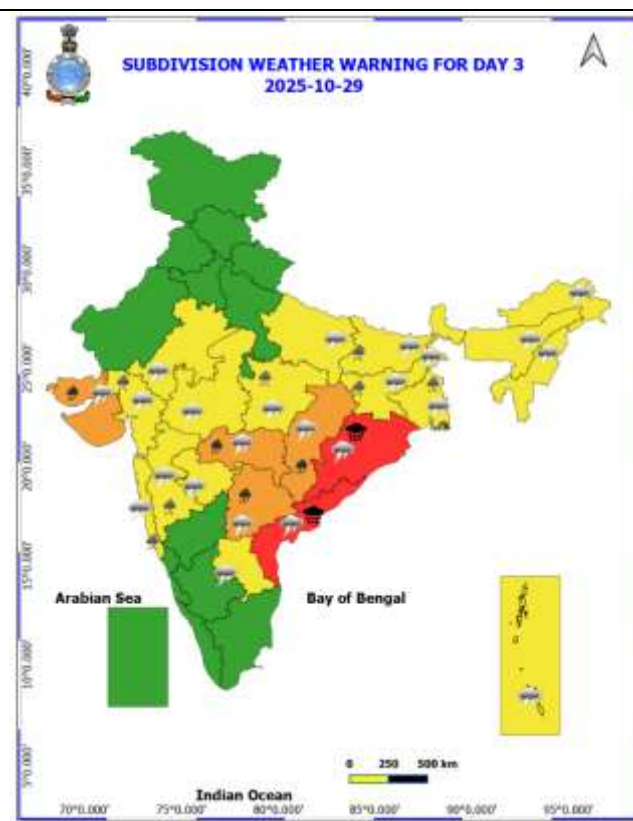
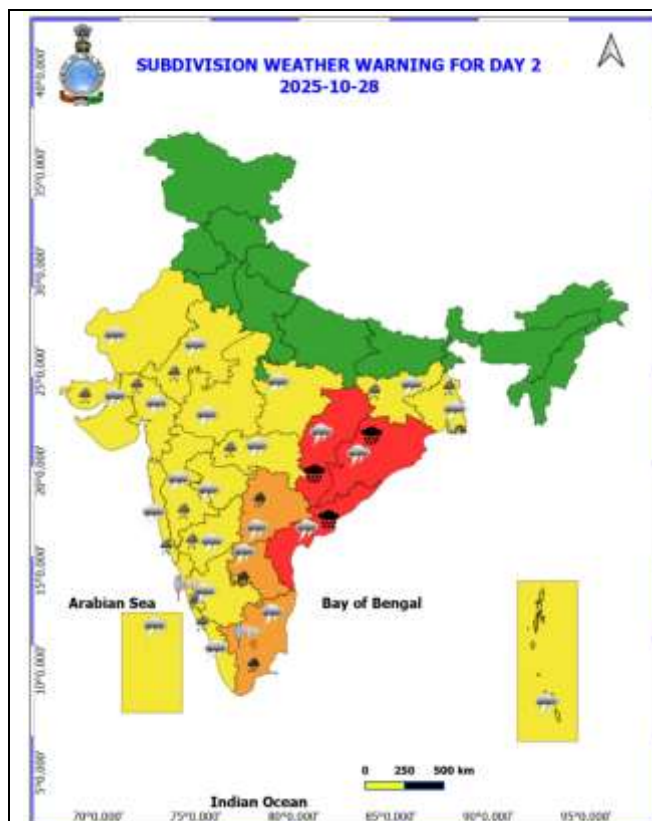


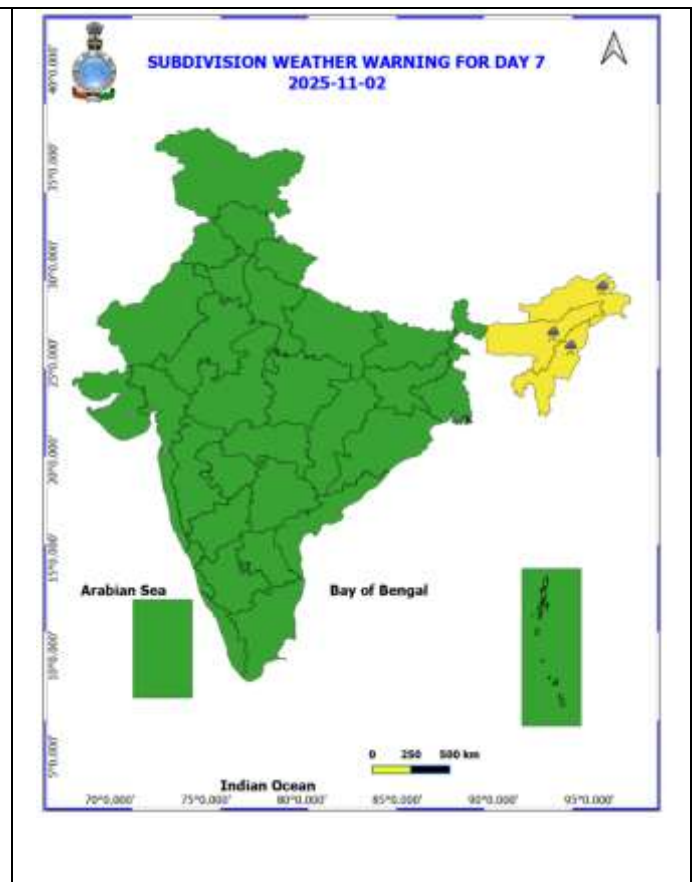
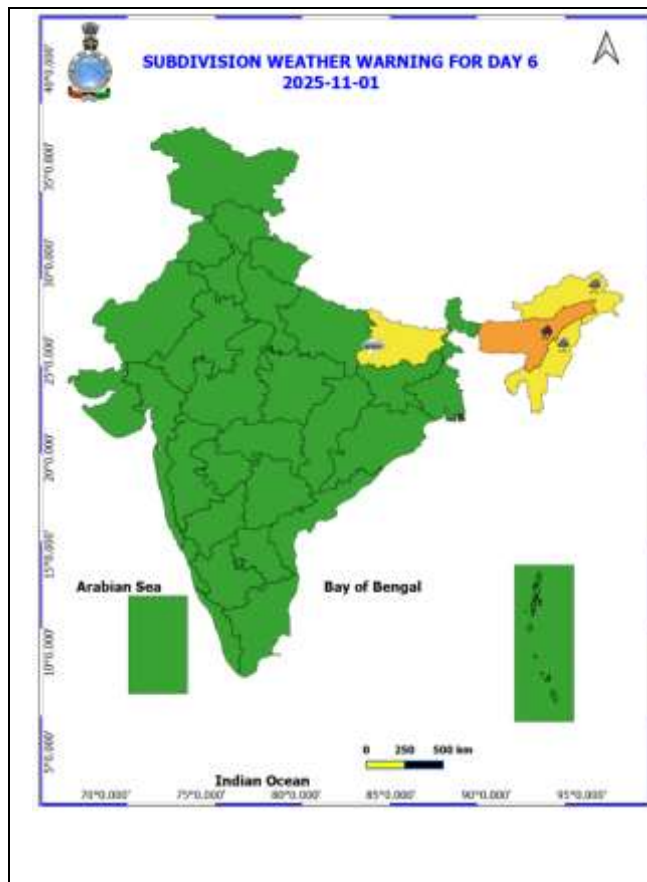
DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT
○ 34-47 KT
○ ≥ 48 KT
— OBSERVED TRACK
— FORECAST TRACK
— CONE OF UNCERTAINTY

Weather Warning Graphics







District-wise Heavy Rainfall Warnings for Andhra Pradesh



Rainfall warnings for Andhra Pradesh and Yanam.
Valid from 1300 hrs IST of 27.10.2025 to 0630 hrs IST of 28.10.2025

Date of Issue: 27 October 2025
Day 1-(27 October 2025)



Rainfall warnings for Andhra Pradesh and Yanam.
Valid from 0830 hrs IST of 28.10.2025 to 0630 hrs IST of 29.10.2025

Date of Issue: 27 October 2025
Day 2-(28 October 2025)



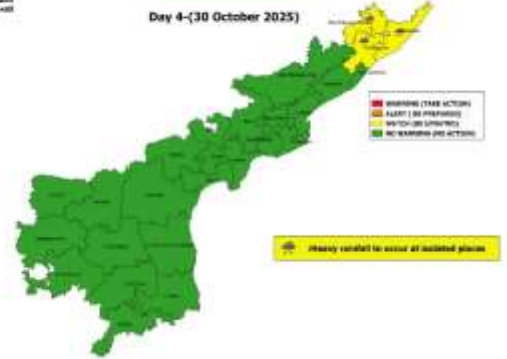
Rainfall warnings for Andhra Pradesh and Yanam.
Valid from 0630 hrs IST of 29.10.2025 to 0630 hrs IST of 30.10.2025

Date of Issue: 27 October 2025
Day 3-(29 October 2025)

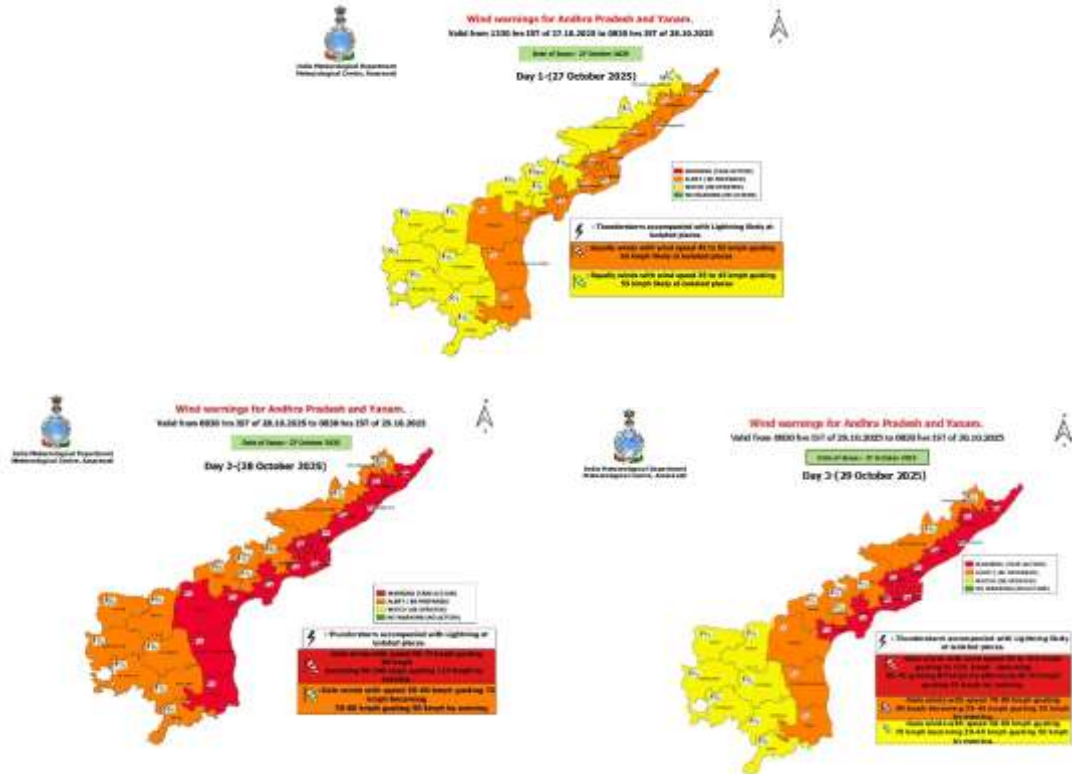


Rainfall warnings for Andhra Pradesh and Yanam.
Valid from 0630 hrs IST of 30.10.2025 to 0630 hrs IST of 31.10.2025

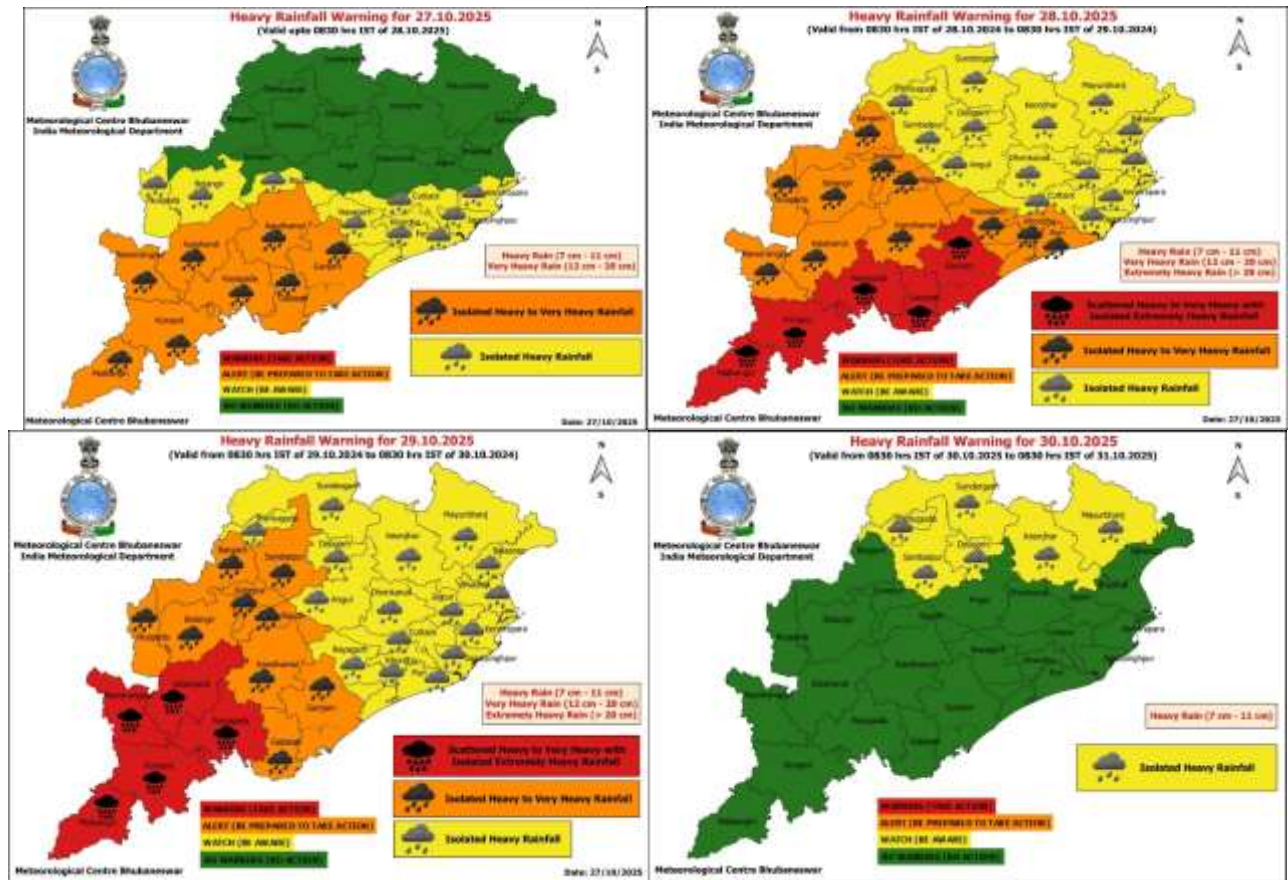
Date of Issue: 27 October 2025
Day 4-(30 October 2025)



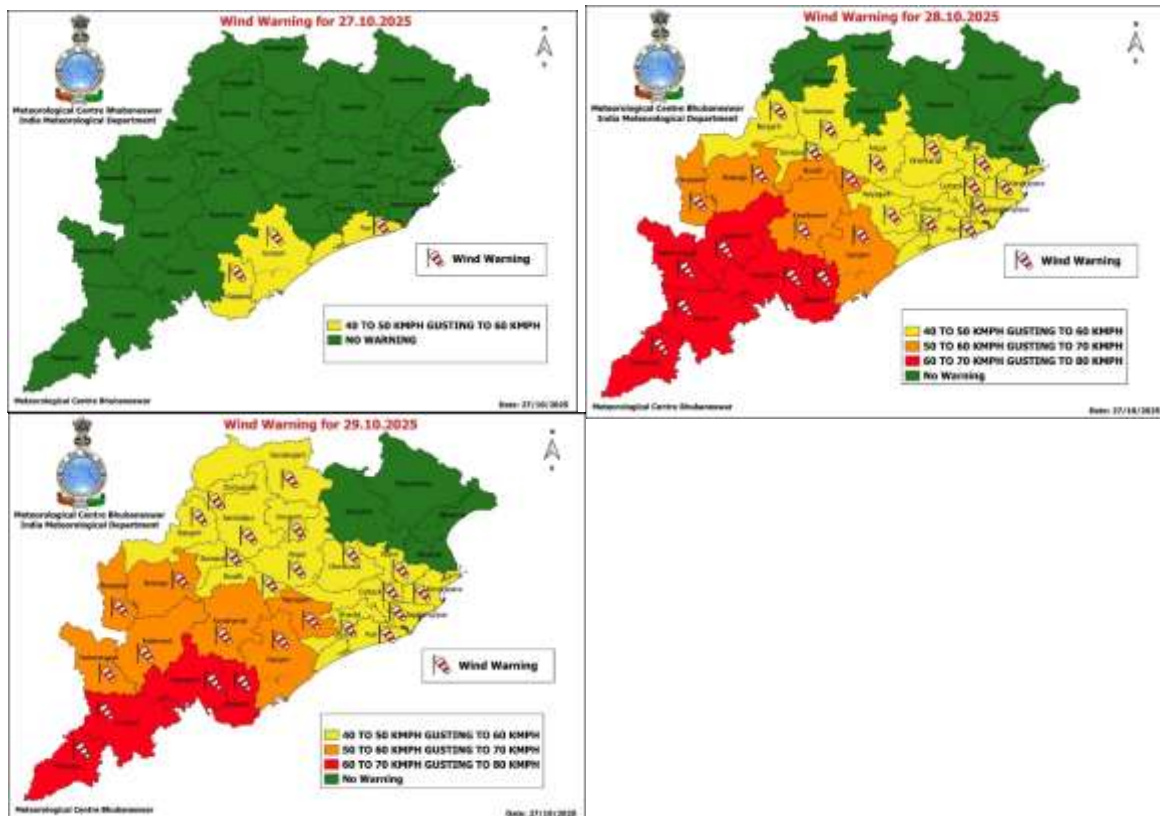
District-wise Wind Warnings for Andhra Pradesh



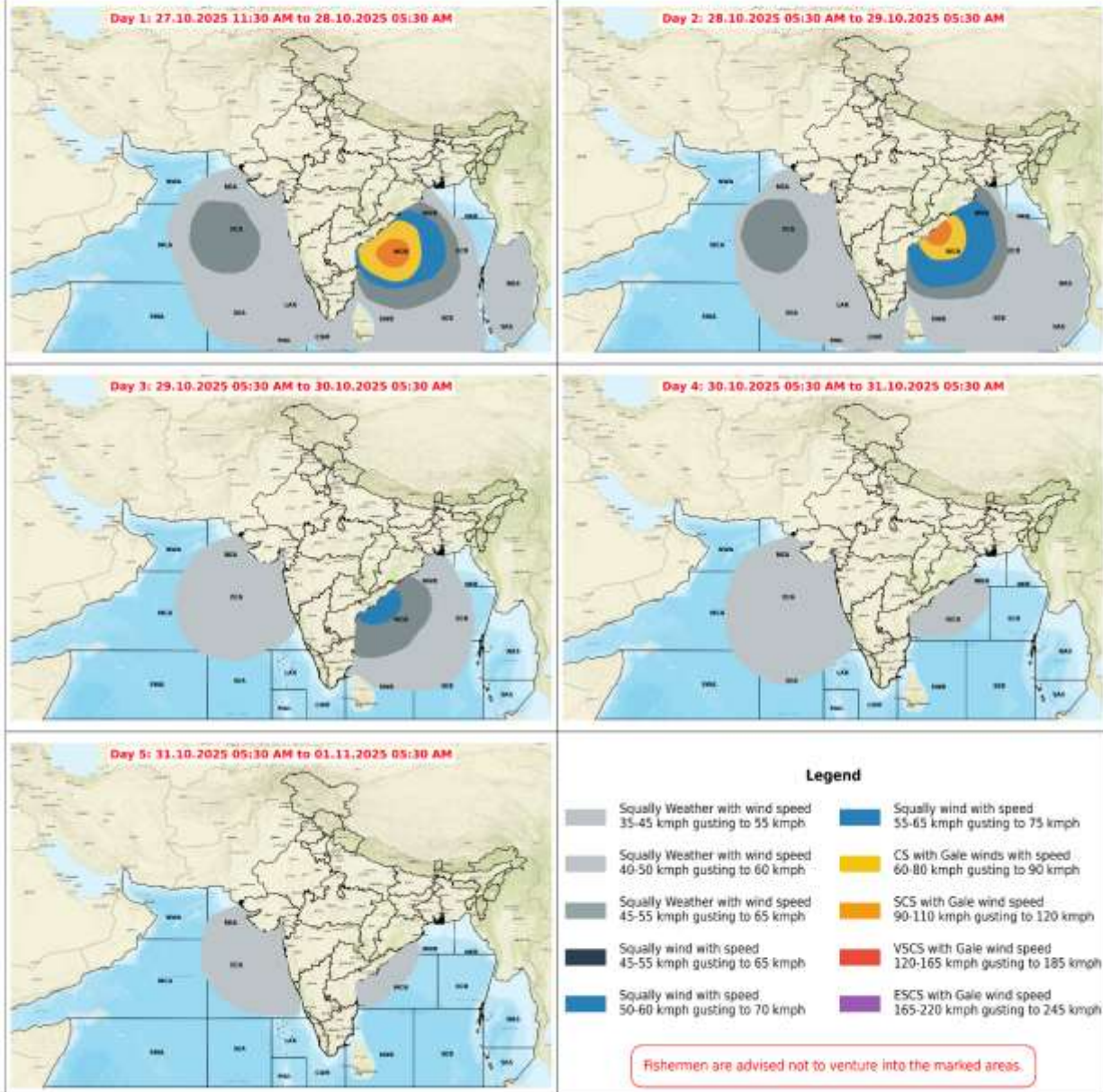
District-wise Heavy Rainfall Warnings for Odisha



District-wise Wind Warnings for Odisha



Fishermen Warning Graphics



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of tomorrow, the 28th October

Low to Moderate FFR likely over few watersheds & neighbourhoods of following Meteorological Sub-divisions during next 24 hours.

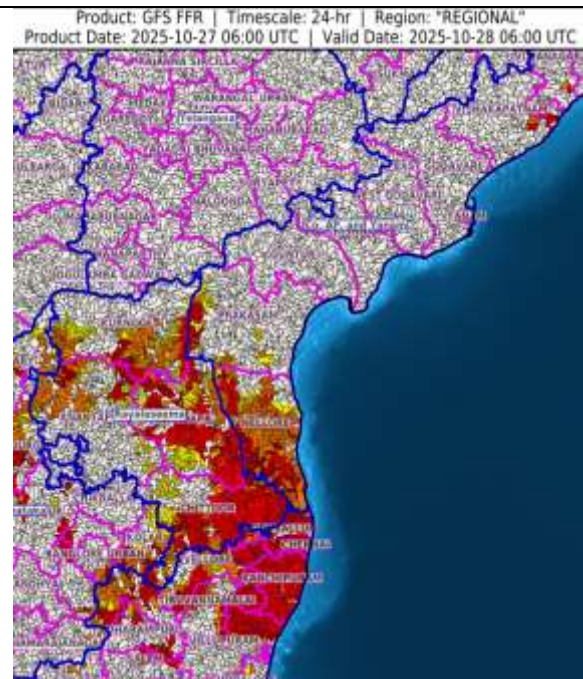
Coastal Andhra Pradesh & Yanam- Prakasam, Nellore, Vishakhapatnam and Vizianagaram districts.

Rayalaseema - Anantapuramu, Chittoor, Kurnool and Kadapa districts.

Tamil Nadu - Puducherry & Karaikal- Chennai, Cuddalore, Dharampuri, Kanchipuram, Krishnagiri, Salem, Tiruvallur, Tiruvannamalai, Vellore and Villupuram districts.

South Interior Karnataka
Bangalore Rural, Bangalore Urban, Kolar and Ramnagar districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to likely rainfall occurrence in next 24 hours.



Low to Moderate FFR likely over few watersheds & neighbourhoods of following Meteorological Sub-divisions during next 24 hours.

Gujarat Region -

Ahmadabad, Aravalli, Gandhinagar, Mahesana, Patan and Sabar Kantha districts.

Saurashtra & Kutch - Amreli, Bhavnagar, Botad, Gir Somnath, Jamnagar, Junagarh, Rajkot, Surendranagar, Morbi and Kachchh districts.

East Rajasthan - Dungarpur, Pratapgarh and Udaipur districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

