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(Ministry of Earth Sciences)**

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Subject: (A) Severe Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over coastal Andhra Pradesh crossed the coast and (B) Depression over eastcentral Arabian Sea

(A) Severe Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over coastal Andhra Pradesh

The Severe Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over westcentral Bay of Bengal moved west-northwestwards with a speed of 12 kmph during past six hours and lay centered at 2330 hrs IST of 28th October 2025, over coastal Andhra Pradesh near latitude 16.3°N & longitude 81.7°E, about 50 km east-northeast of Machilipatnam (Andhra Pradesh), 90 km southwest of Kakinada (Andhra Pradesh),

230 km southwest of Visakhapatnam (Andhra Pradesh) and 470 km southwest of Gopalpur (Odisha).

The latest observations indicate that the severe cyclonic storm, “Montha” crossed the Andhra Pradesh & Yanam coasts between Machilipatnam and Kalingapatnam, to the south of Kakinada, close to Narsapur near latitude 16.35°N and longitude 83.70°E during midnight (2330 hrs IST of 28th and 0030 hrs IST of 29th October 2025).

The system is currently being monitored continuously by Doppler Weather Radar (DWR) at Machilipatnam and Visakhapatnam in addition to coastal observatories, automatic weather stations (AWSs), ships & buoys and satellites.

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
28.10.25/2330	16.3/81.7	90-100 gusting to 110	Severe Cyclonic Storm
29.10.25/0530	16.8/81.3	70-80 gusting to 90	Cyclonic Storm
29.10.25/1130	17.8/80.9	55-65 gusting to 75	Deep Depression
29.10.25/1730	18.7/80.8	40-50 gusting to 60	Depression

Post Landfall Outlook for interior Andhra Pradesh and adjoining areas of south Odisha, south Chhattisgarh and Telangana:

The Severe cyclonic storm “Montha” [Pronunciation: Mon-Tha] is likely to maintain the intensity of a cyclonic storm for a period of six hours after the landfall over interior Andhra Pradesh and adjoining areas of south Odisha, south Chhattisgarh and Telangana.

Warning:

(i) Rainfall Warning (Graphics Enclosed):

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 till 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 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 till 29th October. Isolated **heavy rainfall** is likely over Odisha on 30th October.

Telangana: Light to moderate rainfall is very likely at most places with isolated **heavy to very heavy rainfall** till 29th October and isolated **heavy rainfall** on 30th October.

Chhattisgarh: Light to moderate rainfall is very likely at most places with 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 till 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 during 29th to 31st October.

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

(ii) Wind warning (Graphics Enclosed):

- ❖ Gale wind speed reaching 90-100 kmph gusting to 110 kmph likely to continue to prevail over Westcentral Bay of Bengal during next few hours. After the landfall, it is likely to decrease becoming gale wind speed reaching 60-70 gusting to 80 kmph by early hours of 29th, squally wind speed reaching 35-45 kmph gusting to 45 kmph by evening of 29th October and decrease thereafter.
- ❖ The gale wind speed reaching 60-70 kmph gusting to 80 kmph is prevailing over adjoining areas of northwest Bay of Bengal and likely to continue till 29th early hours and decrease gradually becoming squally wind speed reaching 35-45 kmph gusting to 55 kmph on 30th October morning.
- ❖ **Along & Off Andhra Pradesh & Yanam Coasts:** Gale wind speed reaching 90-100 kmph gusting to 110 kmph is prevailing along & off Andhra Pradesh & Yanam (of Puducherry) coasts and likely decrease becoming 85-95 kmph gusting to 95 kmph till 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.
- ❖ **Along & Off Odisha Coast:** Gale wind speed reaching, 60-70 kmph gusting to 80 kmph is likely to prevail along & off south Odisha coast till early hours of 29th October. 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 till early hours of 29th October, 40-50 kmph gusting to 60 kmph till 29th October evening, and decrease gradually thereafter.
- ❖ **Along & Off Tamil Nadu & Puducherry Coasts:** Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail along & off Tamil Nadu - Puducherry coasts till early hours of 29th October. It is likely to be squally wind speed reaching 35-45 kmph gusting 55 kmph till 19th evening and decrease further 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 till 29th October.

(iii) Sea conditions (Graphics Enclosed):

- ❖ Sea condition is very likely to be very high over westcentral Bay of Bengal 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.
- ❖ Very rough to high sea conditions is likely to prevail over adjoining areas of northwest Bay of Bengal till 29th morning and thereafter gradually improve becoming rough till 30th morning.

- ❖ **Along & Off Andhra Pradesh & Yanam Coasts:** Sea condition is likely to be high to very high till 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 likely to be high 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 early hours of 29th October.
- ❖ **Along & Off West Bengal coast:** Sea condition is very likely to be rough along & off West Bengal coasts on 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) during next few hours.

(v) 24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of tomorrow, the 29th 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) and Odisha coasts and along & off West Bengal coast till 29th October.

(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

The Depression over eastcentral Arabian Sea moved east-northeastwards with a speed of 10 kmph during past 6 hours and lay centered at 2330 hrs IST of yesterday, the 28th October 2025, over the same region, near latitude 17.7°N & longitude 69.0°E, about 450 km southwest of Veraval (Gujarat), 440 km west-southwest of Mumbai (Maharashtra), 570 km west-northwest of Panjim (Goa), 830 km northwest of Mangalore (Karnataka), 840 km north-northwest of Aminidivi (Lakshadweep).

It is likely to move nearly northeastwards across Eastcentral Arabian Sea during next 36 hours.

Warnings:

(i) Rainfall Warning:

Coastal Karnataka: Light to moderate rainfall at most places with isolated **heavy rainfall** on 29th October.

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

Gujarat region: Light to moderate rainfall at many places with **heavy to very rainfall** at isolated places likely over Gujarat State on 31st October and **heavy rainfall** at isolated places till 30st October.

Saurashtra & Kutch: Light to moderate rainfall at many places with **heavy to very heavy rainfall** at isolated places till 31st October.

Kerala: Light to moderate rainfall at most places with **heavy rainfall** at isolated places very likely on 29th 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 29th October.

Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to prevail over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts till 30th October.

(iii) Sea condition:

Sea Condition is likely to be rough to very rough over Eastcentral Arabian Sea till 30th October. Rough sea Condition is prevailing over northeast Arabian Sea and along & off Maharashtra and Gujarat coasts and likely to become rough to very rough during 29th to 30th October.

(iv) Fishermen warnings:

Fishermen are advised not to venture into Eastcentral Arabian Sea till 29th and northeast Arabian Sea and along & off Maharashtra and Gujarat coasts till 30th October.

(v) 24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of tomorrow, the 29th 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.

Next Message will be issued at 0530 hrs IST of today, the 29th October, 2025.

Kindly visit the following websites for further details.

<https://rsmcnewdelhi.imd.gov.in/> & https://dss.imd.gov.in/dwr_img/GIS/cyclone.html

**(Shashi Kant)
Scientist-D, IMD, New Delhi**

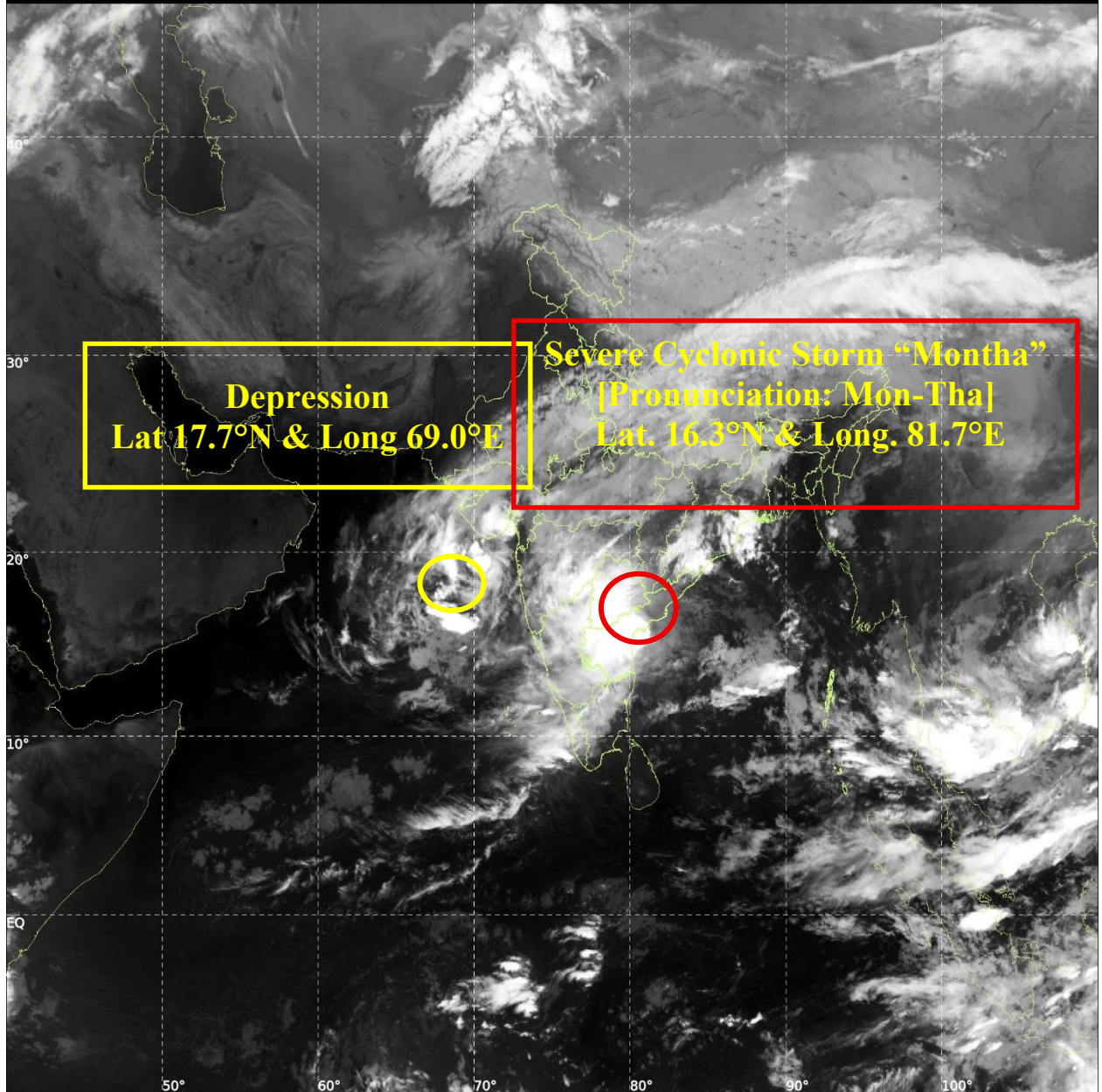
Copy to: ACWC Kolkata/ACWC Chennai/ACWC Mumbai/CWC Bhubaneswar/CWC Vishakhapatnam/ CWC Thiruvananthapuram/CWC Ahmedabad; Meteorological Centres- Port Blair/Hyderabad/ Amravati/Bengaluru

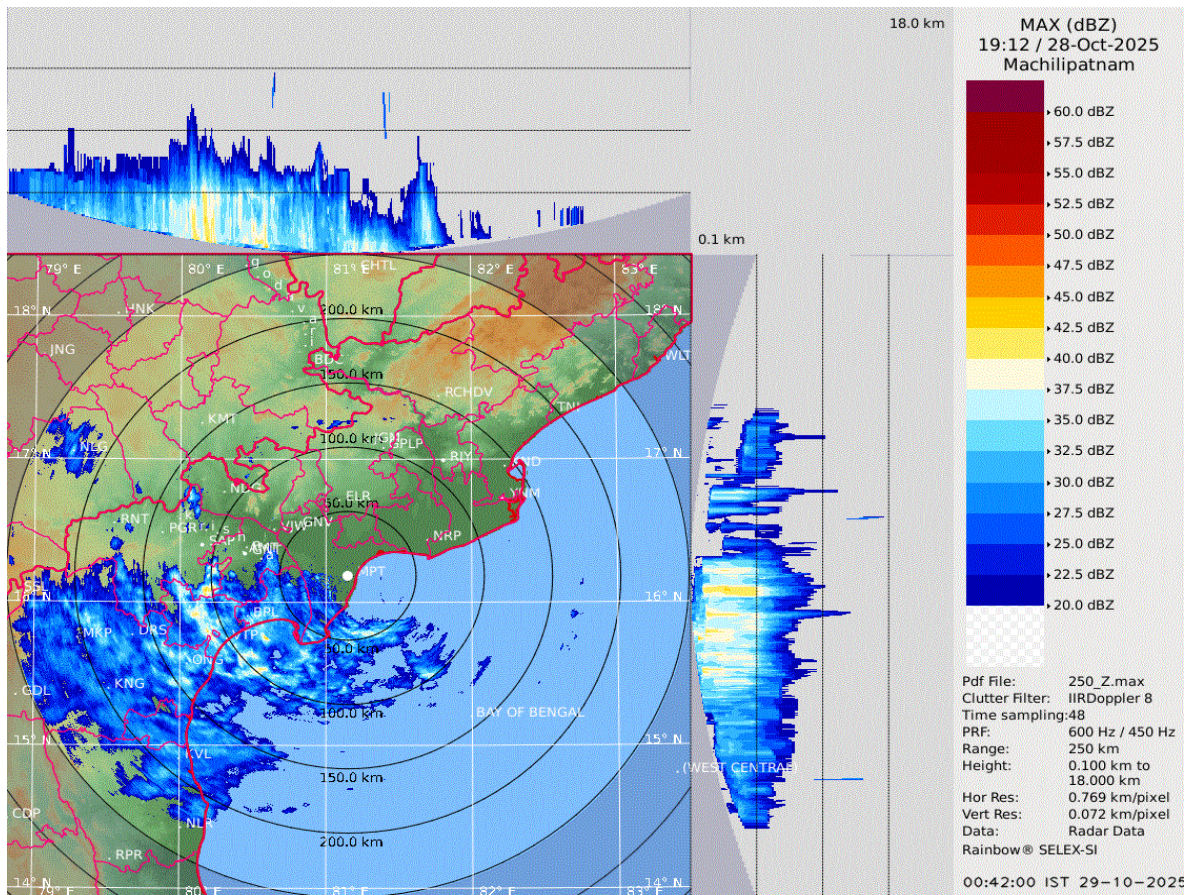


INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:28-10-2025/(1830-1857) IST:29-10-2025/(0000-0027)
LIC MERCATOR (LINEAR STRETCH: 1%)

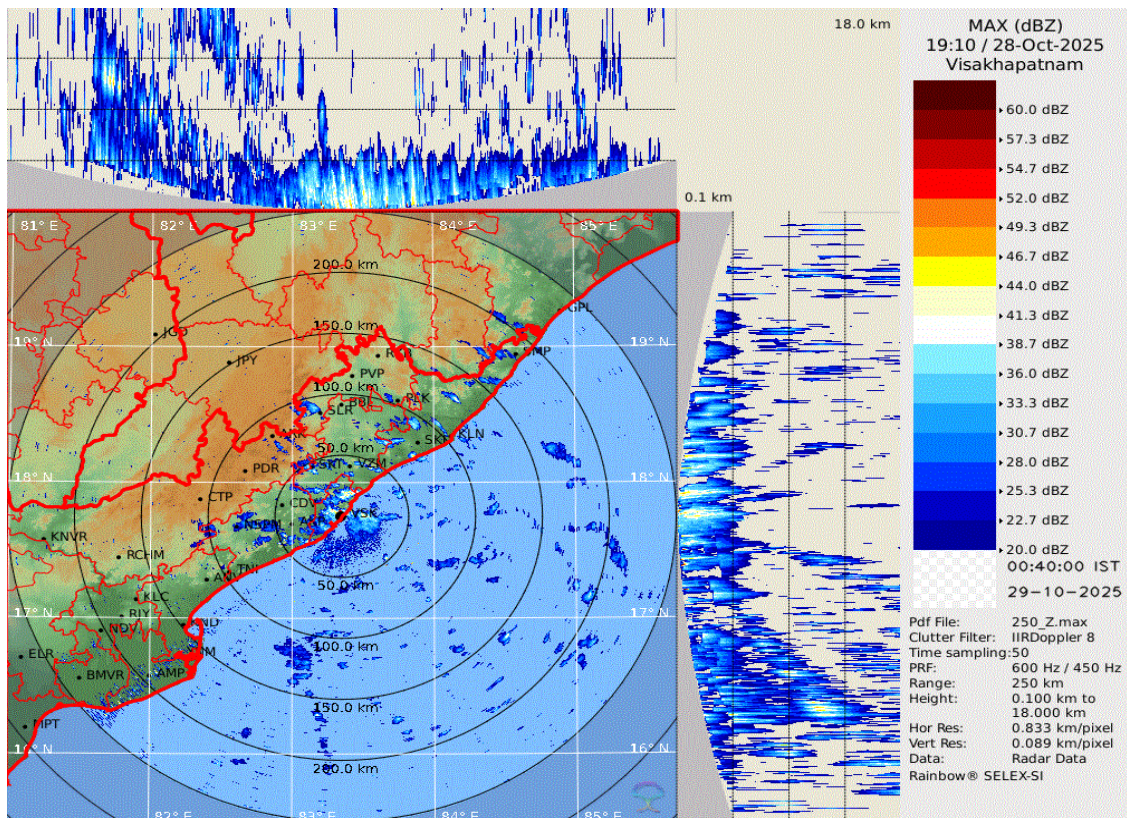
509

902





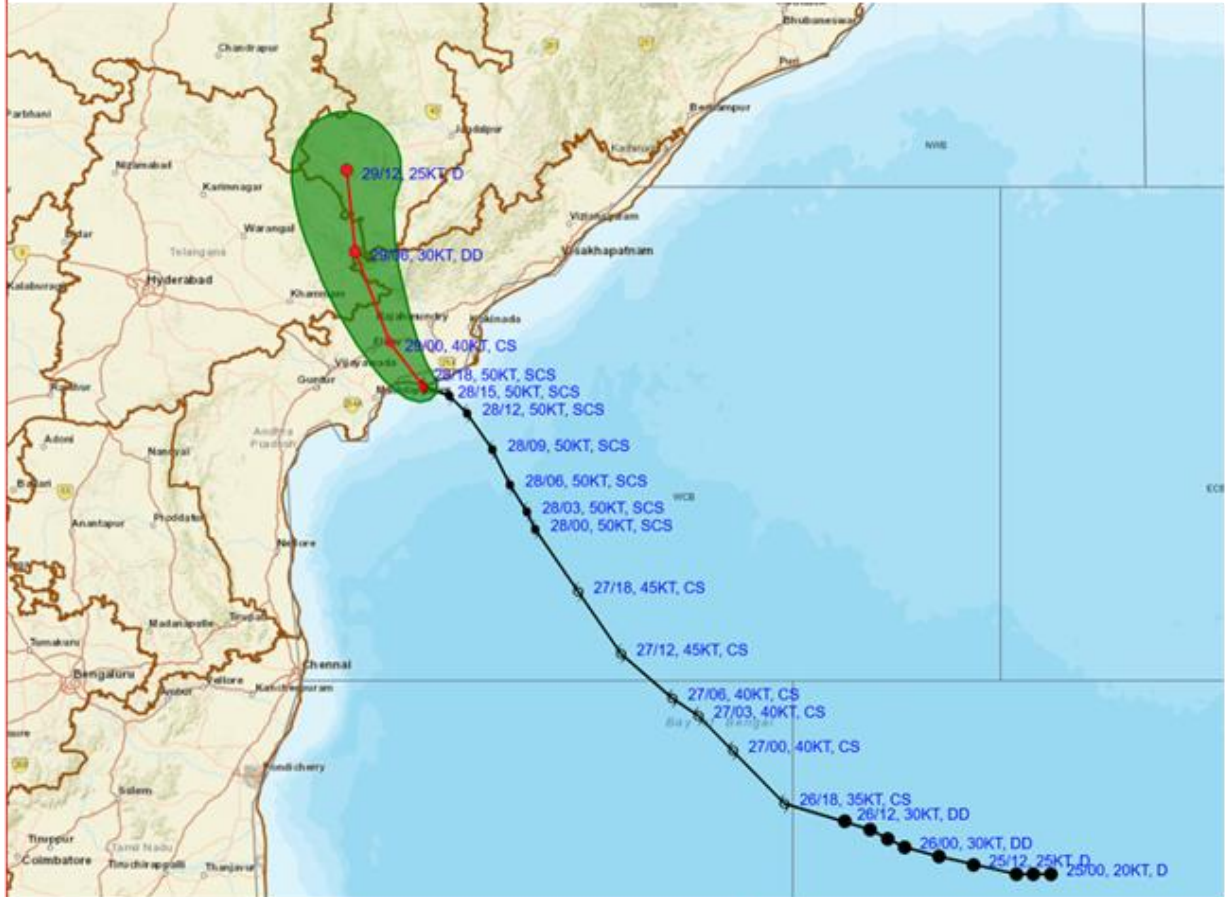
Max Z image of DWR Machilipatnam based on 1912 UTC of 28th October 2025



Max Z image of DWR Visakhapatnam based on 1912 UTC of 28th October 2025



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM "MONTHA" OVER COASTAL ANDHRA PRADESH BASED ON 1800 UTC (2330 Hrs. IST) OF 28TH OCTOBER 2025.

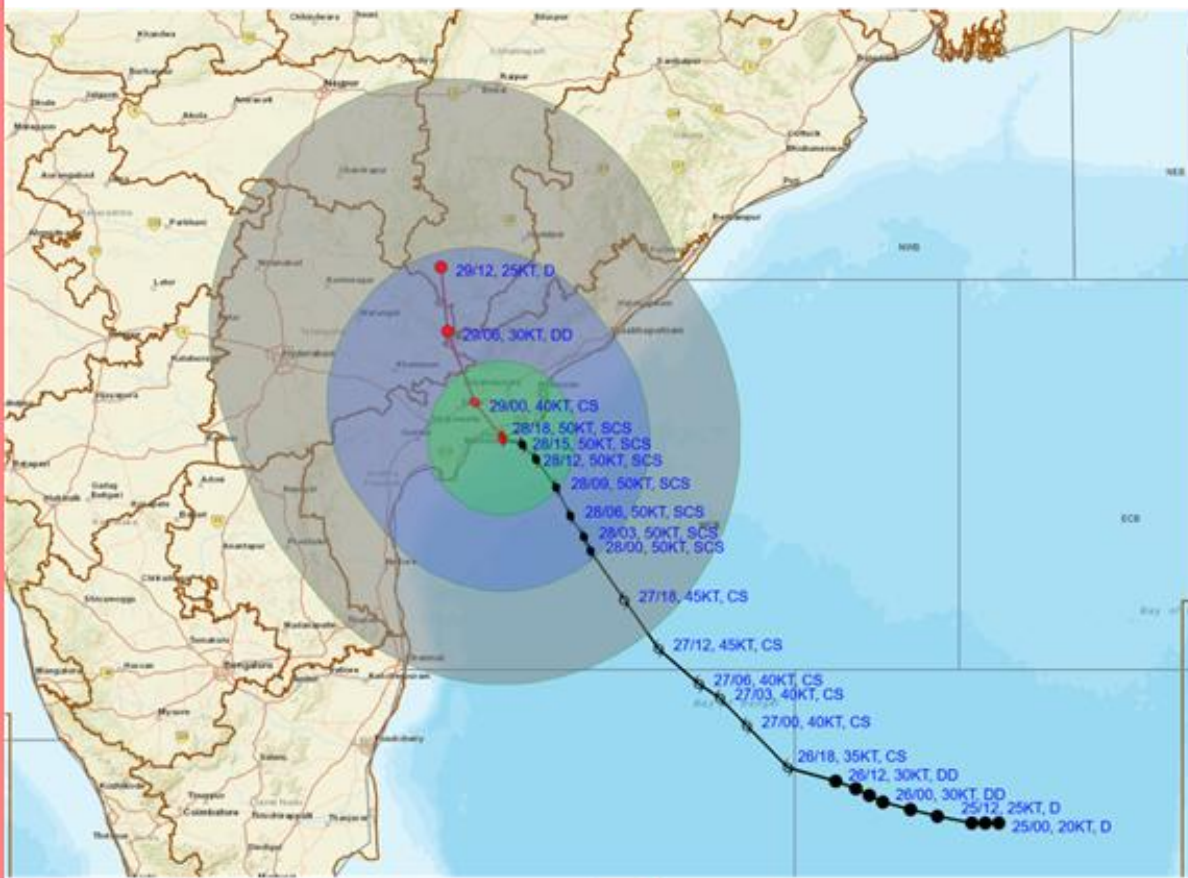


DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

● LESS THAN 34 KT
● 34-47 KT
● $\geq$ 48 KT
— OBSERVED TRACK
— FORECAST TRACK
● CONE OF UNCERTAINTY



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF SEVERE CYCLONIC STORM "MONTHA" OVER COASTAL ANDHRA PRADESH BASED ON 1800 UTC (2330 Hrs. IST) OF 28TH 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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

— 28-33 KT (52-61 KMPH)

— 34-49 KT (62-91 KMPH)

— 50-63 KT (92-117 KMPH)

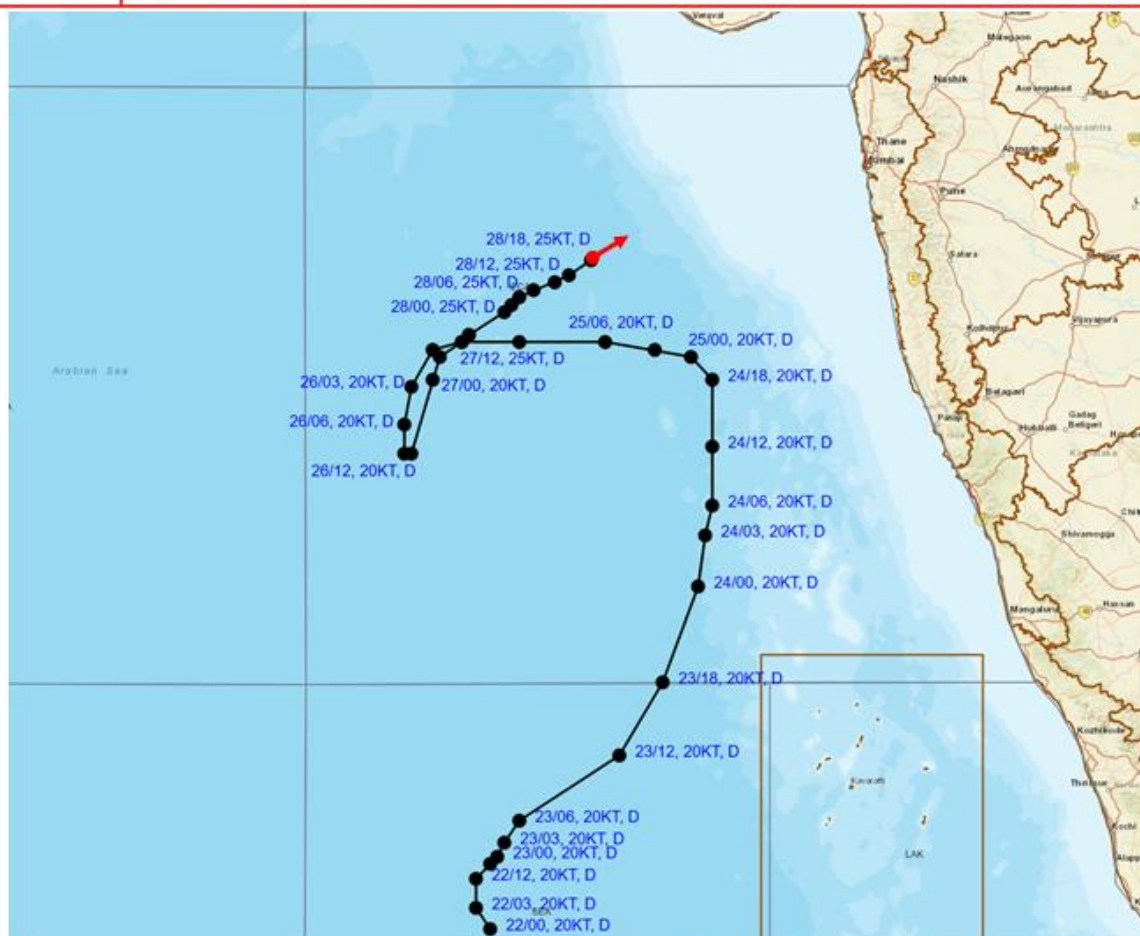
— ≥ 64 KT (≥118 KMPH)

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 1800 UTC (2330 IST) OF 28TH 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

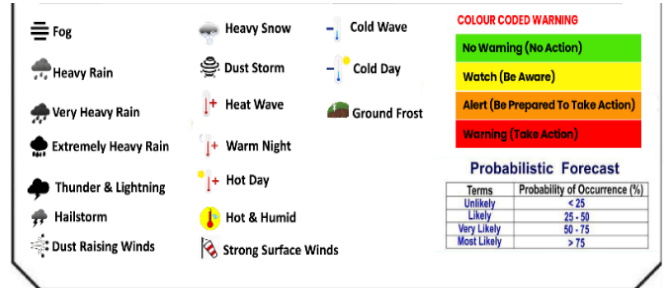
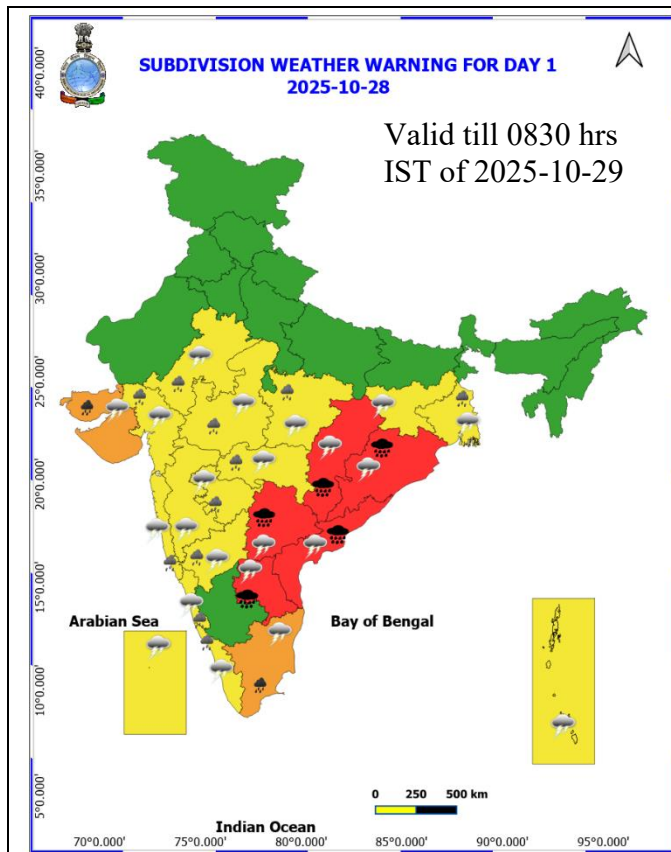
○ ≥ 48 KT

— OBSERVED TRACK

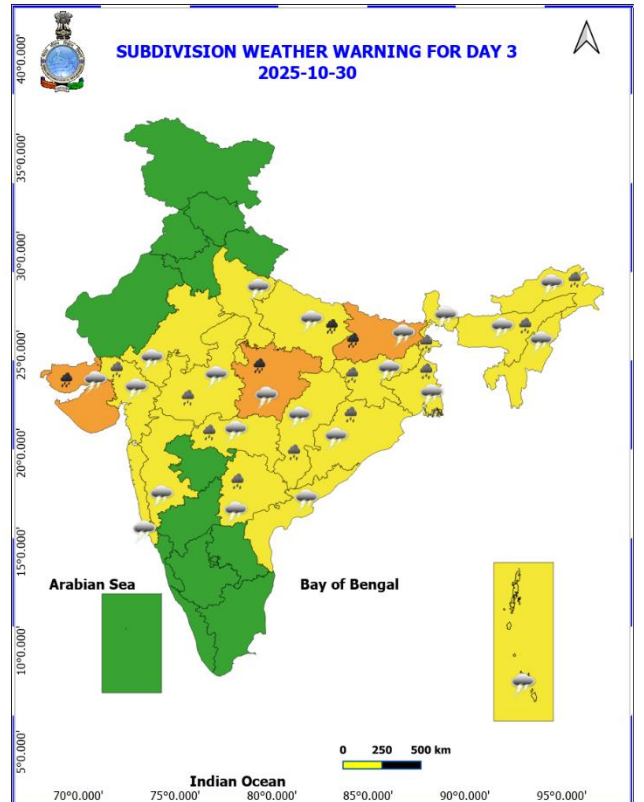
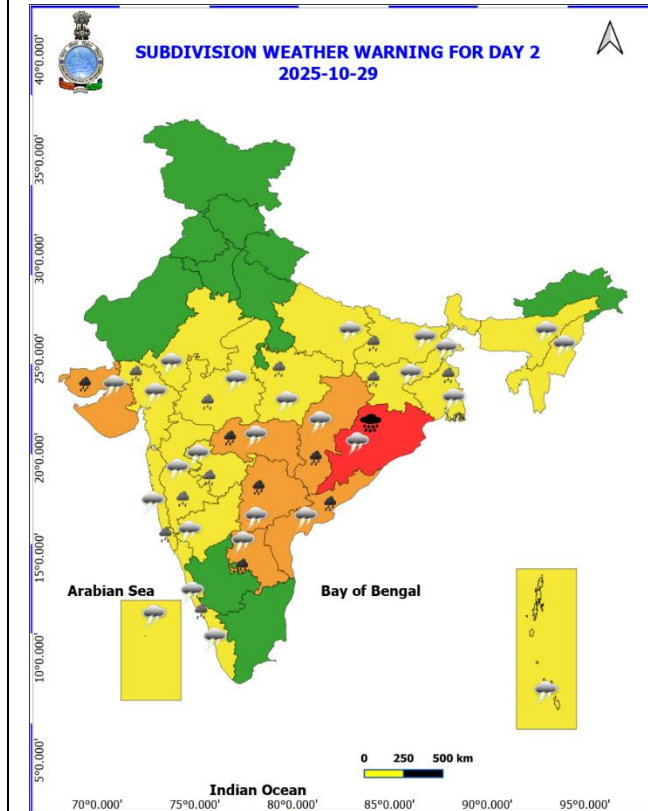
— FORECAST TRACK

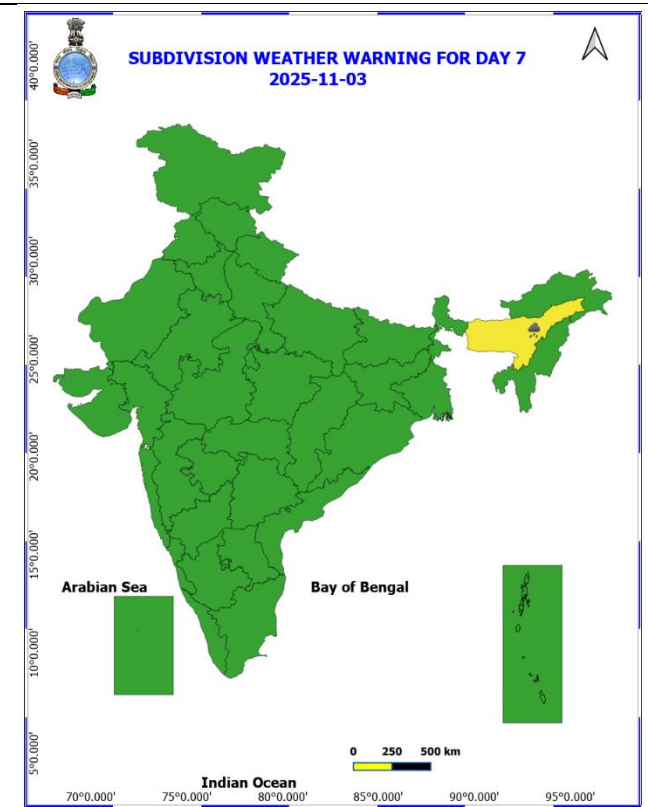
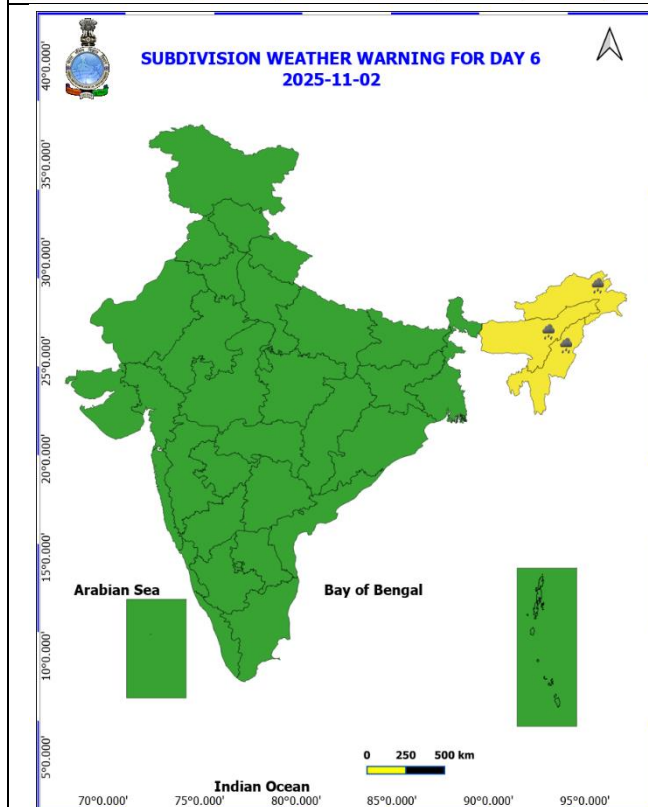
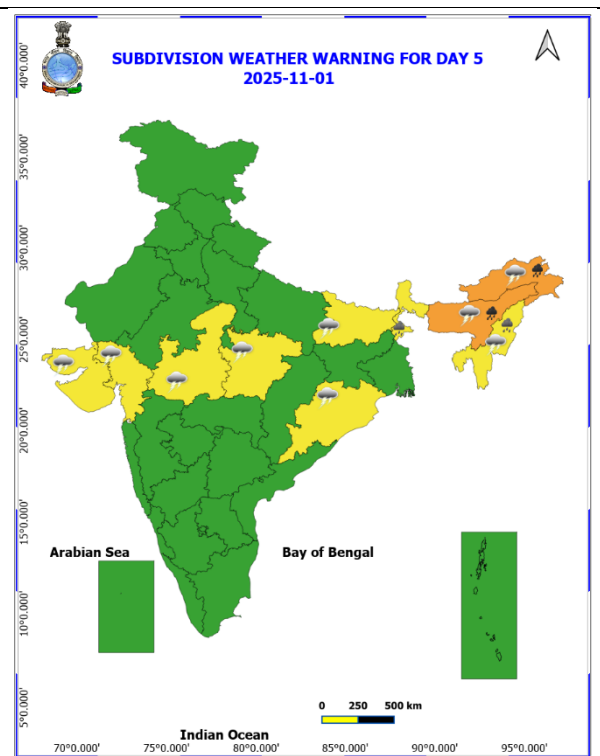
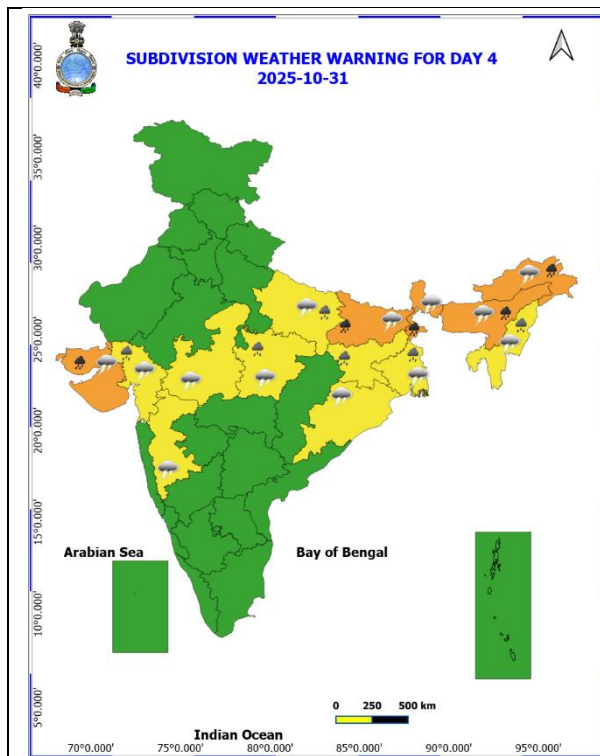
— CONE OF UNCERTAINTY

Weather Warning Graphics

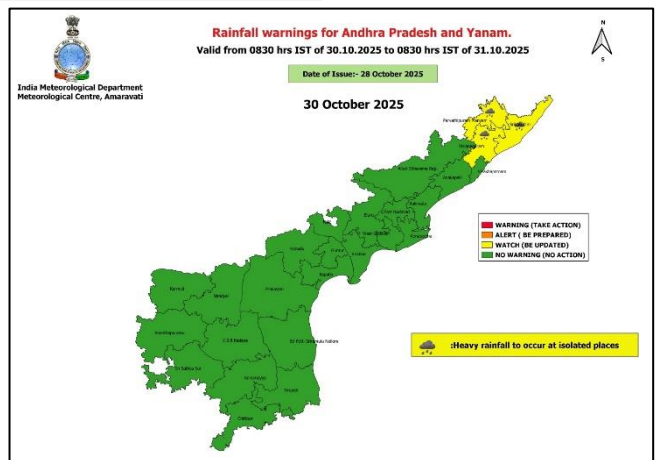
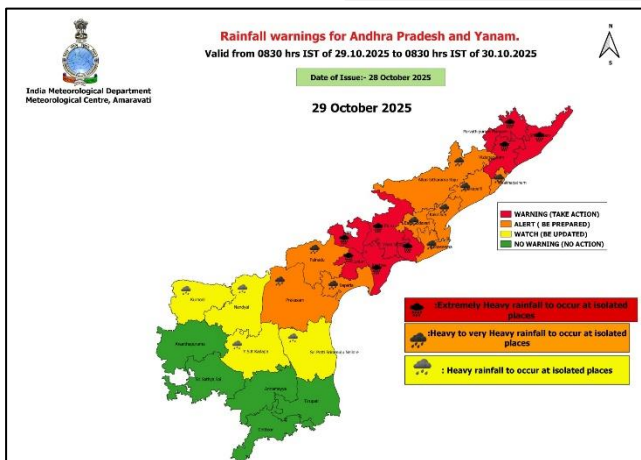
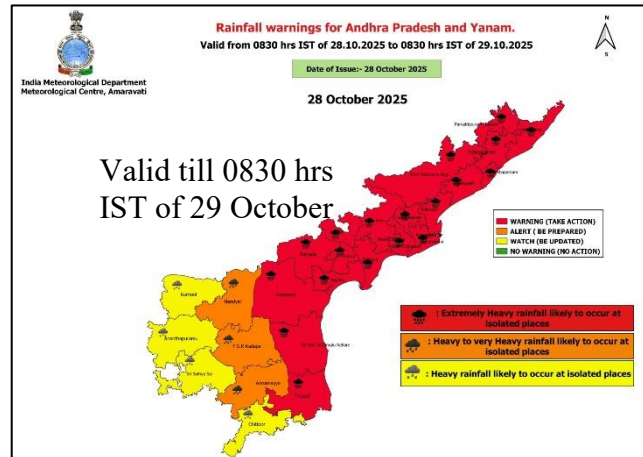


* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit <https://moustan.ind.gov.in> or contact: 011-2434-4599
(Service to the Nation since 1875)

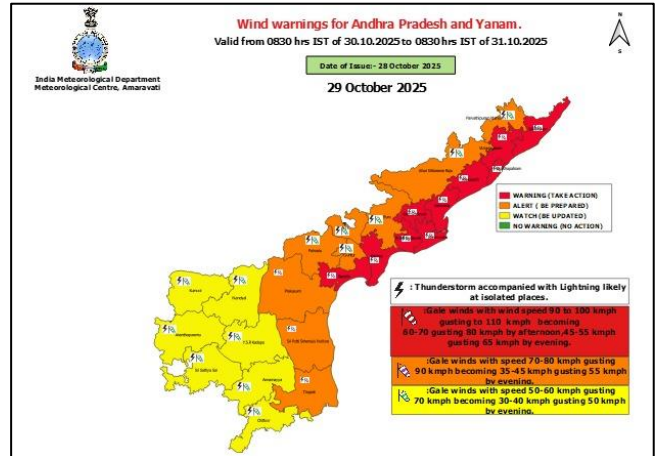
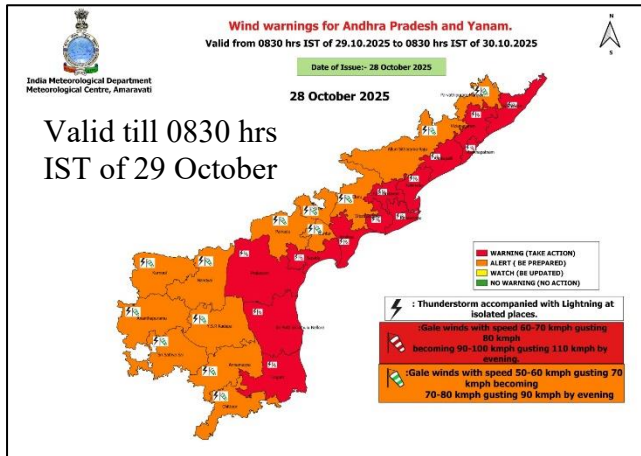




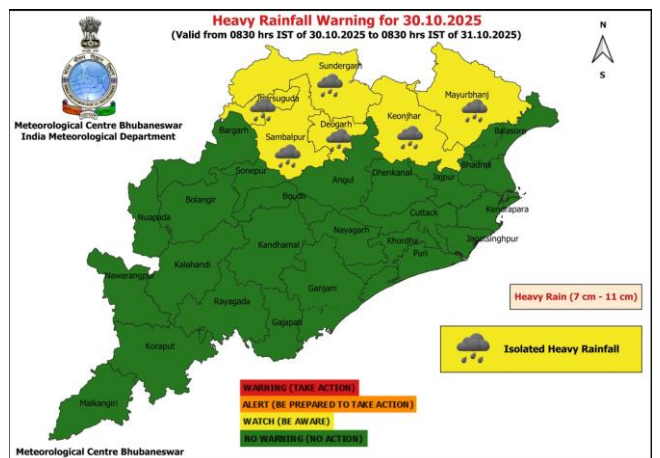
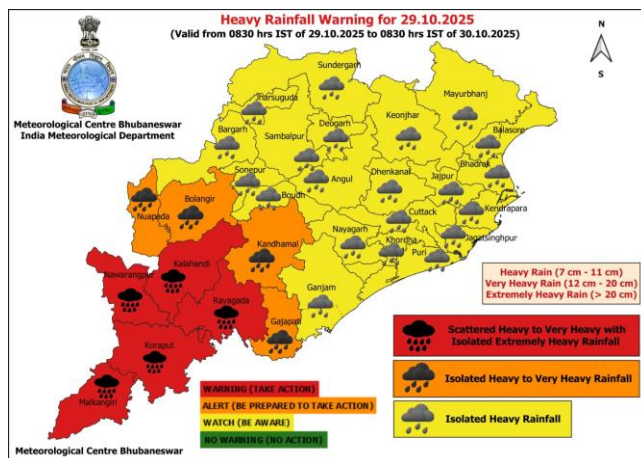
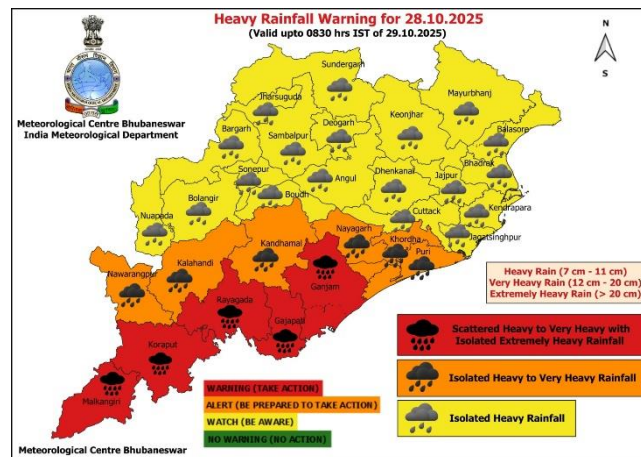
District Wise Heavy Rainfall Warnings for Andhra Pradesh



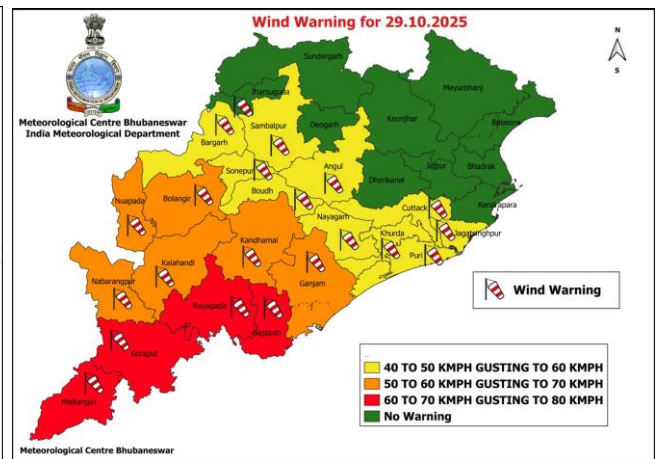
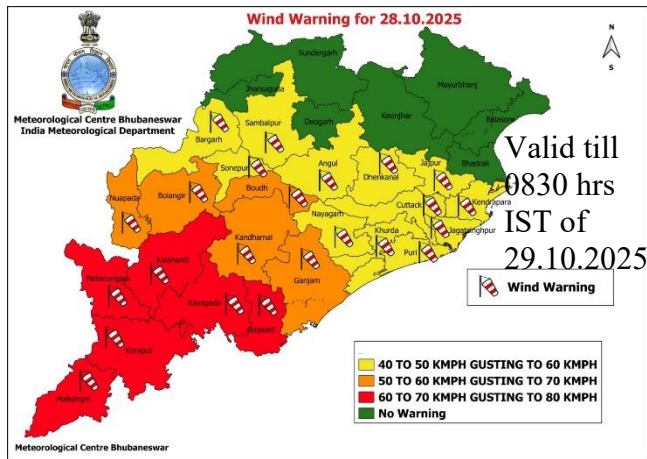
District-wise Wind Warnings for Andhra Pradesh



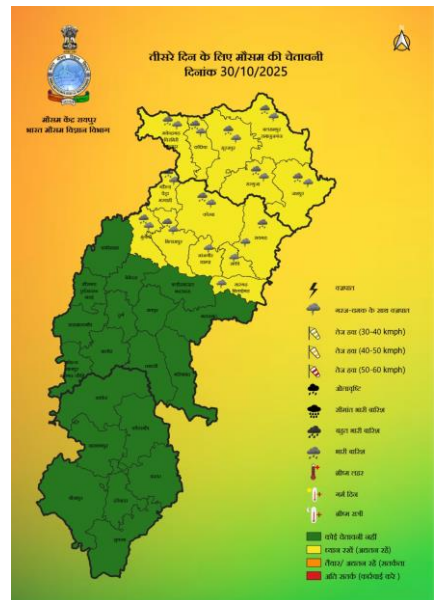
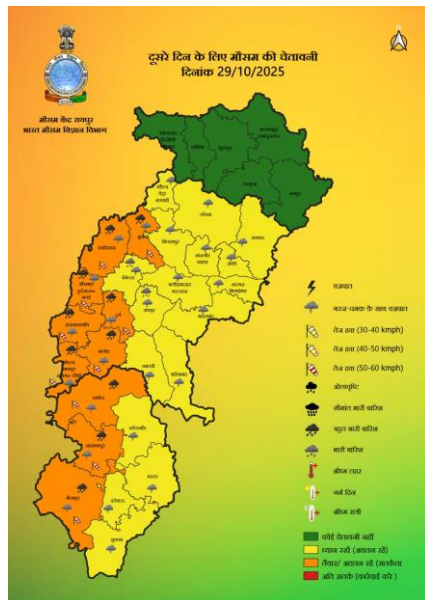
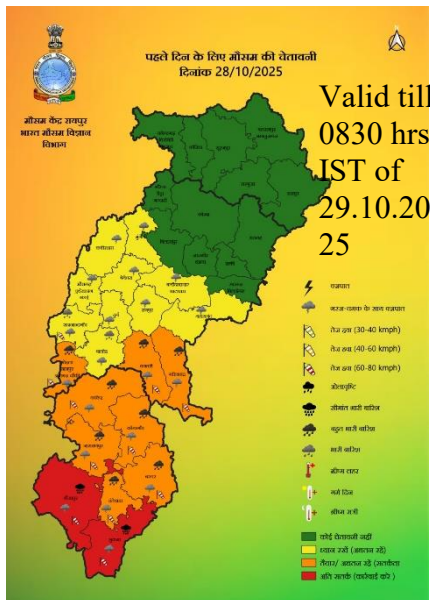
District-wise Heavy Rainfall Warnings for Odisha



District-wise Wind Warnings for Odisha



District-wise Weather Warnings for Chattisgarh



24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of today, the 29th October 2025

24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 29-10-2025 :

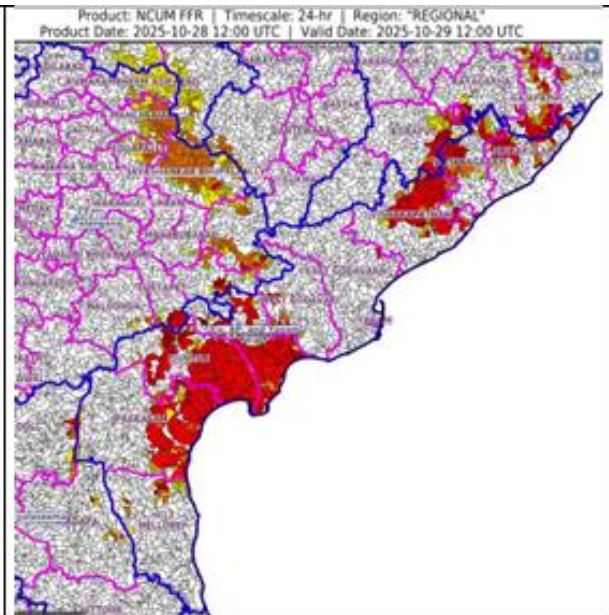
Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Coastal Andhra Pradesh & Yanam - East Godavari, Guntur, Krishna, Prakasam, Nellore, Srikakulam, Vishakhapatnam, Vizianagaram, West Godavari and Yanam districts.

Rayalaseema - Kurnool and Kadapa districts.

Telangana - B. Kothagudem, J. Bhupalpally, Khammam, Kumaram Bheem, Mancherial, Nalgonda, Peddapalle and Suryapet 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.



Flash Flood Risk

High Risk (Take Action)

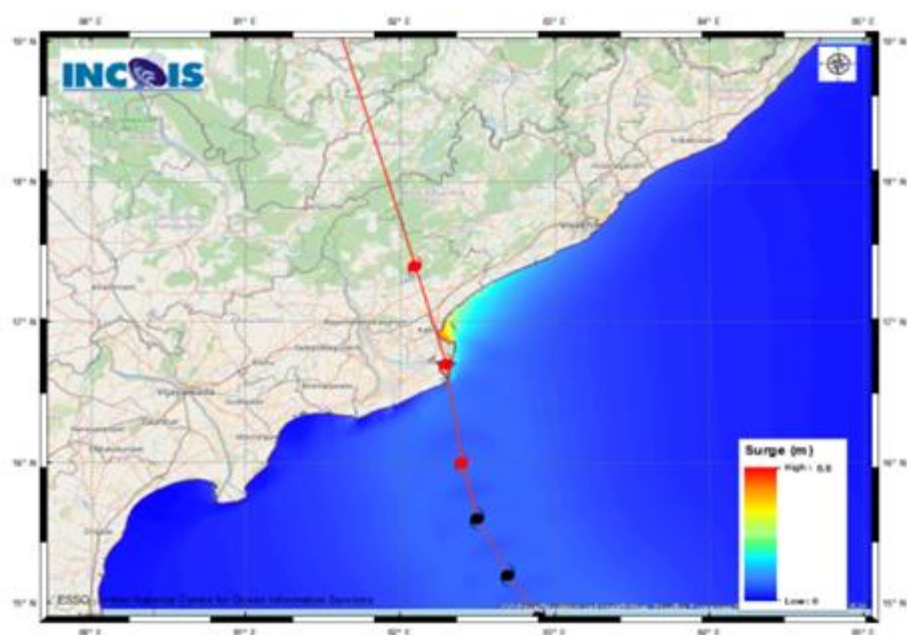
Moderate Risk (Be Prepared)

Low Risk (Be Updated)

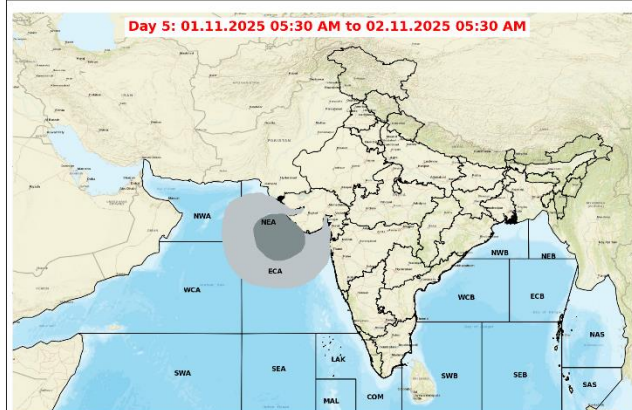
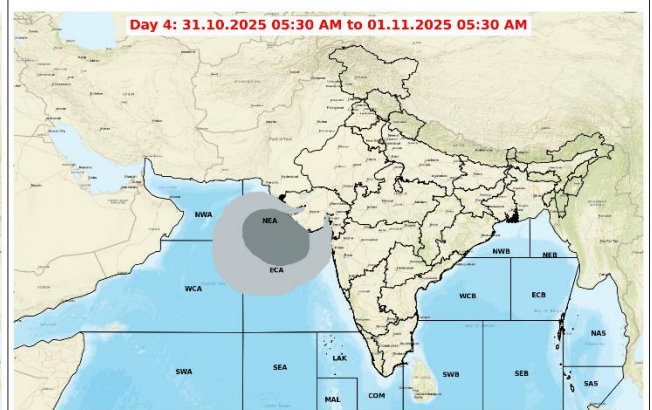
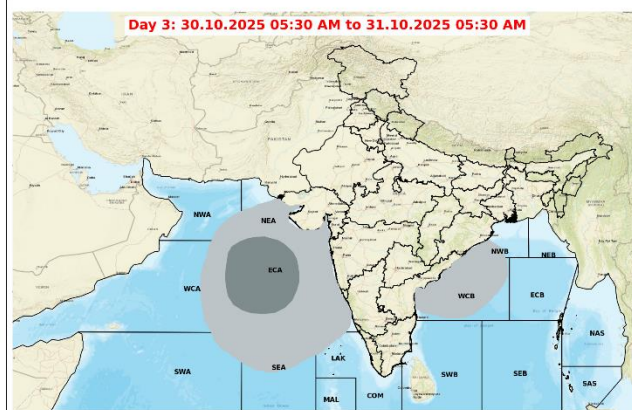
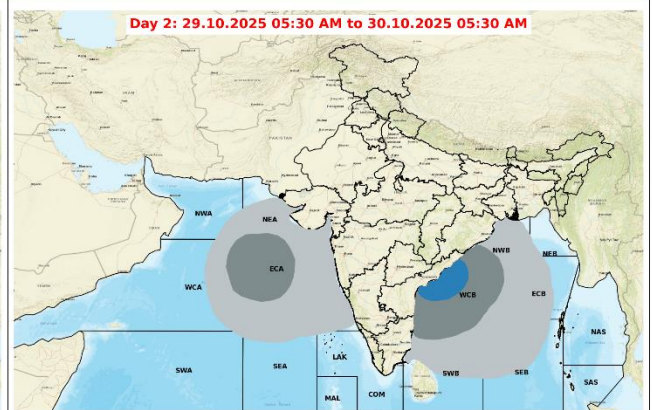
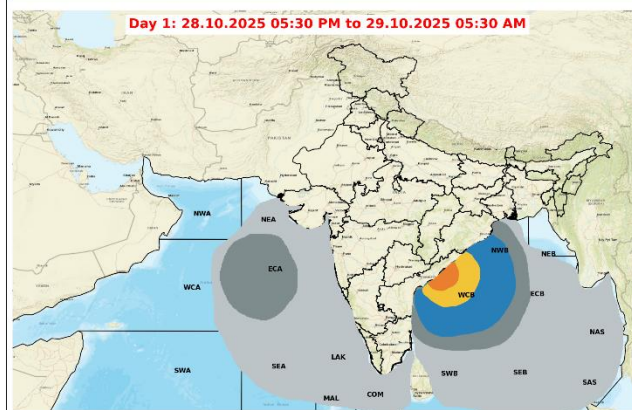
STORM SURGE HEIGHT INFORMATION:

* The below listed surge heights are over and above astronomical tide.

MANDAL/TALUK	DISTRICT	STATE / UNION TERRITORY	NEAREST PLACE OF HABITATION	STORM SURGE (m)	EXPECTED INUNDATION EXTENT (km)
Kakinada	East Godavari	Andhra Pradesh	Polekurru	0.3-0.7	Upto 0.12
Pithapuram	East Godavari	Andhra Pradesh	Ponnada	0.4-0.5	Upto 0.20
Tuni	East Godavari	Andhra Pradesh	Kona Forest	0.3-0.5	Nil
Yanam	Yanam	Puducherry	Yanam	0.5-0.8	Upto 0.16
Yellamanchili	Visakhapatnam	Andhra Pradesh	Rajala Agraharam	0.2-0.5	Upto 0.16



Fishermen Warning Graphics



Legend

Squally Weather with wind speed 35-45 kmph gusting to 55 kmph	Squally wind with speed 55-65 kmph gusting to 75 kmph
Squally Weather with wind speed 40-50 kmph gusting to 60 kmph	CS with Gale winds with speed 60-80 kmph gusting to 90 kmph
Squally Weather with wind speed 45-55 kmph gusting to 65 kmph	SCS with Gale wind speed 90-110 kmph gusting to 120 kmph
Squally wind with speed 45-55 kmph gusting to 65 kmph	VSCS with Gale wind speed 120-165 kmph gusting to 185 kmph
Squally wind with speed 50-60 kmph gusting to 70 kmph	ESCS with Gale wind speed 165-220 kmph gusting to 245 kmph

Fishermen are advised not to venture into the marked areas.