

#### National Bulletin No. 33 (BOB/08/2025)

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FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)

CONTROL ROOM NDMA (FAX.NO. 26701729)

**CABINET SECRETARIAT (FAX.NO.23012284, 23018638)** 

PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)

SECRETARY, MOES (FAX NO. 24629777)

H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)

**DIRECTOR GENERAL, DOORDARSHAN (23385843)** 

**DIRECTOR GENERAL, AIR (23421105, 23421219)** 

**PIB MOES (FAX NO. 23389042)** 

UNI (FAX NO. 23355841)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX NO. 26105912, 2436 3260)

DIRECTOR, PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, ODISHA (FAX NO. 0674-2536660)

CHIEF SECRETARY, WEST BENGAL (FAX NO. 033-22144328)

CHIEF SECRETARY, ANDAMAN & NICOBAR ISLANDS (FAX NO. 03192-232656)

CHIEF SECRETARY, TAMIL NADU (FAX NO. 044-25672304)

CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029)

CHIEF SECRETARY, PUDUCHERRY (FAX NO. 0413-2334145)

CHIEF SECRETARY, KERALA (FAX NO. 0471-2327176)

CHIEF SECRETARY, LAKSHADWEEP (FAX NO. 048-96268124)

Subject: Cyclonic Storm Ditwah [Pronunciation: Ditwah] over southwest Bay of Bengal and adjoining North Sri Lanka & Tamil Nadu coasts: Cyclone Warning for north Tamil Nadu & Puducherry and adjoining south Andhra Pradesh coasts (Red Message)

The Cyclonic Storm Ditwah [Pronunciation: Ditwah] over southwest Bay of Bengal and adjoining north Sri Lanka moved nearly northwards with the speed of 10 kmph during past 6 hours and lay centered at 1730 hrs IST of today, the 29th November 2025 over southwest Bay of Bengal and adjoining North Sri Lanka & Tamil Nadu coasts, near latitude 10.4°N and longitude 80.6°E, about 110 km northeast of Jaffna (Sri Lanka), 80 km east of Vedaranniyam (India), 100 km southeast of Karaikal (India), 190 km south-southeast of Puducherry (India) and 290 km south of Chennai (India).

It is very likely to move north-northwestwards and reach over southwest Bay of Bengal near North Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts by early morning of 30th November.

While moving north-northwestwards the cyclonic storm will be centered over southwest Bay of Bengal within a minimum distance of 60 km, 50 km and 25km from the Tamil Nādu-Puducherry coastline by midnight of today, the 29th November, early morning and evening of tomorrow, the 30th November respectively.

Forecast track and intensity are given in Table below

29.11.25/1730	10.4/80.6	70-80 gusting to 90 Cyclonic Storm	
29.11.25/2330	10.7/80.5	70-80 gusting to 90	Cyclonic Storm
30.11.25/0530	11.1/80.4	70-80 gusting to 90	Cyclonic Storm
30.11.25/1130	11.6/80.4	65-75 gusting to 85	Cyclonic Storm
30.11.25/1730	12.2/80.4	60-70 gusting to 80	Cyclonic Storm
01.12.25/0530	13.4/80.5	45-55 gusting to 65	Depression

#### (i) Rainfall Warning:

- ❖ Tamil Nadu & Puducherry: Light to moderate rainfall at most places with heavy to very heavy at many places & extremely heavy rainfall (>20 cm) at isolated places over coastal Tamil Nadu on 29<sup>th</sup> and over north coastal Tamil Nadu & Puducherry on 30<sup>th</sup> November, 2025. Thereafter, rainfall would gradually decrease to light to moderate at many places with heavy rainfall at isolated places on 1<sup>st</sup> December.
- ❖ Coastal Andhra Pradesh-Yanam & Rayalaseema: Light to moderate rainfall at most places with heavy to very rainfall at isolated places on 29<sup>th</sup> November and heavy to very heavy at a few places & extremely heavy rainfall (>20 cm) at isolated places on 30<sup>th</sup> November. It would then decrease gradually becoming light to moderate rainfall at many places with heavy rainfall at isolated places on 1<sup>st</sup> December.
- ❖ Kerala & Mahe: Light to moderate rainfall at many places with heavy rainfall at isolated places is very likely on 29<sup>th</sup> November.
- ❖ Adjoining Telangana: Light to moderate rainfall at a few places with heavy rainfall at isolated places is very likely on 30<sup>th</sup> November.

#### (ii) Wind Warning:

## (a) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off north Sri Lanka coasts

Gale wind speed reaching 70-80 gusting to 90 kmph is prevailing and likely to continue till 30<sup>th</sup> November morning. Thereafter it is likely to decrease gradually becoming squally wind speed reaching 45-55 gusting to 65 kmph by morning of 1<sup>st</sup> December.

#### (b) Along & off south Tamil Nadu coast

Gale wind speed reaching 70-80 gusting to 90 kmph is prevailing and likely to continue till 30<sup>th</sup> November morning. Thereafter it is likely to decrease gradually becoming squally wind speed reaching 45-55 gusting to 65 kmph by morning of 1<sup>st</sup> December.

#### (c) Along & off north Tamil Nadu & Puducherry Coasts

Gale wind speed reaching 70-80 gusting to 90 kmph is likely to prevail till 30<sup>th</sup> morning. Thereafter it is likely to decrease gradually becoming squally wind speed reaching 45-55 gusting to 65 kmph by 1<sup>st</sup> December morning.

#### (d) Adjoining Westcentral Bay of Bengal and along & off south Andhra Pradesh coast:

Gale wind speed reaching 60-70 kmph gusting to 80 kmph is likely to prevail from 29<sup>th</sup> night till 30<sup>th</sup> morning. Thereafter, it is likely to decrease becoming squally wind speed reaching 45-55 kmph gusting to 65 kmph on 01<sup>st</sup> December morning.

(e) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast:

Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail on 29<sup>th</sup> November.

#### (iii) Sea Condition:

### (a) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Sri Lanka coasts

Sea condition is very likely to be High till 30<sup>th</sup> November morning. It is very likely to improve gradually becoming very rough to rough by morning of 1<sup>st</sup> December and gradually improve thereafter.

#### (b) Along & off south Tamil Nadu coast

Sea condition is very likely to be High till 30<sup>th</sup> November morning. It is very likely to improve gradually becoming very rough to rough by morning of 1<sup>st</sup> December and gradually improve thereafter.

#### (c) Along & off north Tamil Nadu & Puducherry Coasts

Sea condition is very likely to be High till 30<sup>th</sup> morning. It is very likely to improve gradually becoming very rough to rough on 1<sup>st</sup> and 2<sup>nd</sup> December and gradually improve thereafter.

#### (d) Adjoining Westcentral Bay of Bengal and along & off south Andhra Pradesh coast:

Very rough to high sea conditions are very likely till 30<sup>th</sup> November morning. Thereafter, it is likely to improve gradually becoming very rough to rough on 01<sup>st</sup> and 2<sup>nd</sup> December.

## (e) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast:

Rough to very rough sea conditions are likely on 29<sup>th</sup> November.

#### (iv) Storm Surge Warning:

Storm surge of height about 1.0 to 1.5 m above the astronomical tide (0.2-0.3 m during high tide) is likely to inundate the low-lying coastal areas of north Sri Lanka till 29<sup>th</sup> evening. Storm surge of height about 0.5 m to 1m above the astronomical tide (0.4 m during high tide) is likely to inundate the low-lying coastal areas of Tamil Nadu- Puducherry till 30<sup>th</sup> morning.

#### (v) Fishermen Warning:

(a) Total suspension of fishing operations in coastal areas of Sri Lanka, Tamil Nadu, Puducherry and south Andhra Pradesh coasts till 01<sup>st</sup> December.

#### (b) Fishermen are advised not to venture into

- (i) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka coasts till 01st December.
- (ii) Adjoining areas of westcentral Bay of Bengal and along & off Andhra Pradesh coast till 2<sup>nd</sup> December.
- (iii) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast till 30<sup>th</sup> November.
- (c) Those out at sea should avoid southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry, south Andhra Pradesh & Sri Lanka coasts; adjoining westcentral Bay of Bengal till 01<sup>st</sup> December and Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast till 30<sup>th</sup> November.

# (vi) Impact Expected and Action Suggested due to heavy rain and strong winds (Tamil Nadu, Puducherry and south Andhra Pradesh)

#### Impact Expected

- Damage to thatched houses. Thatched Roof tops may blow off.
- Damage to power and communication lines. Damage to electric poles.

- Breaking of tree branches, uprooting of small trees. Large-scale damage to banana and papaya trees. Dead limbs may blow from trees.
- ❖ Damage to paddy crops, horticultural and standing crops due to inundation & winds. Damage to Kutcha roads and some damage to Pucca roads and culverts.
- Inundation of low-lying areas in coastal districts due to heavy rainfall and flash flood. Flooding of escape routes.
- ❖ Localized Flooding of roads, water logging in low lying areas. Sub-merging of power-stations.
- Riverine flooding in some river catchments.
- Possibility of coastal flooding and coastal erosion is also very likely over coastal districts of Tamil Nadu, Puducherry and south Andhra Pradesh.
- Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic due to water logging and squally/gale winds
- Localized Landslides/Mudslides.

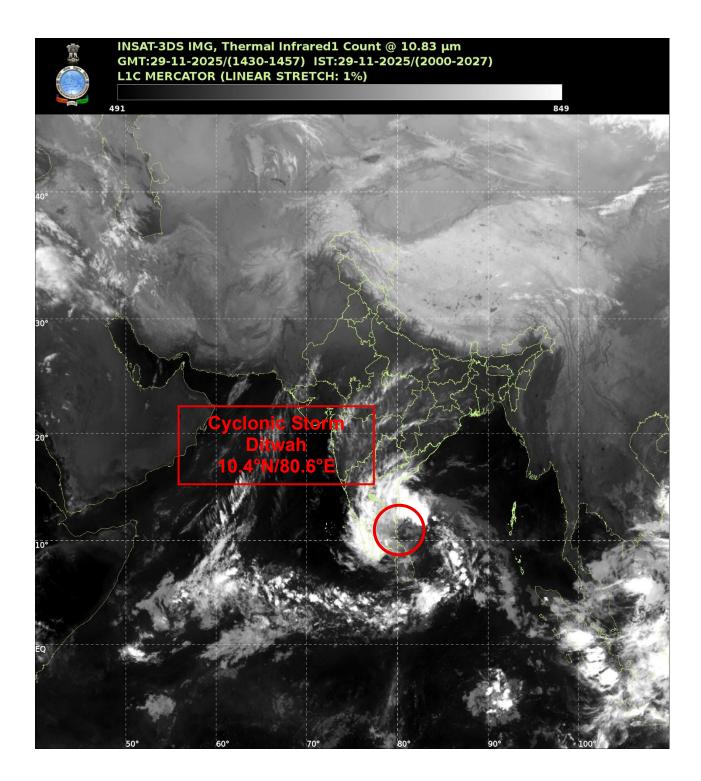
#### **Action suggested:**

- Total suspension of fishing operations.
- ❖ Coastal hutment dwellers to be moved to safer places. People in affected areas to remain indoors.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- 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.
- ❖ 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 bulletin will be issued at 2330 hours IST of today, the 29<sup>th</sup> November, 2025.

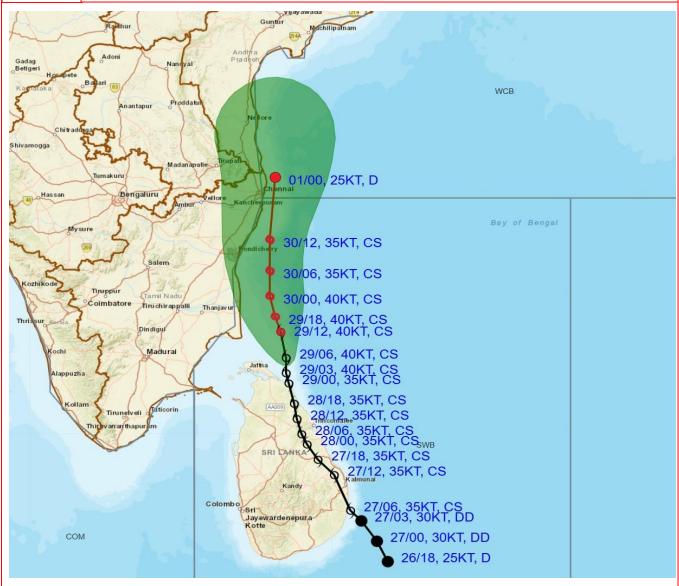
(M. T. Bushair) Scientist-D, IMD, New Delhi

Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Thiruvananthapuram/ Meteorological Centre Vijay Puram/ and Meteorological Centre Amaravati





OBSERVED AND FORECAST TRACK OF CYCLONIC STORM "DITWAH" OVER SOUTHWEST BAY OF BENGAL AND ADJOINING NORTH SRI LANKA & TAMILNADU COASTS BASED ON 1200 UTC (1730 Hrs. IST) OF 29<sup>TH</sup> NOVEMBER 2025



DATE/TIME IN UTC IST=UTC + 0530

L: LOW PRESSURE AREA

WML: WELL MARKED LOW PRESSURE AREA

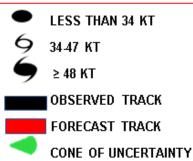
D: DEPRESSION (17-27 KT)

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)

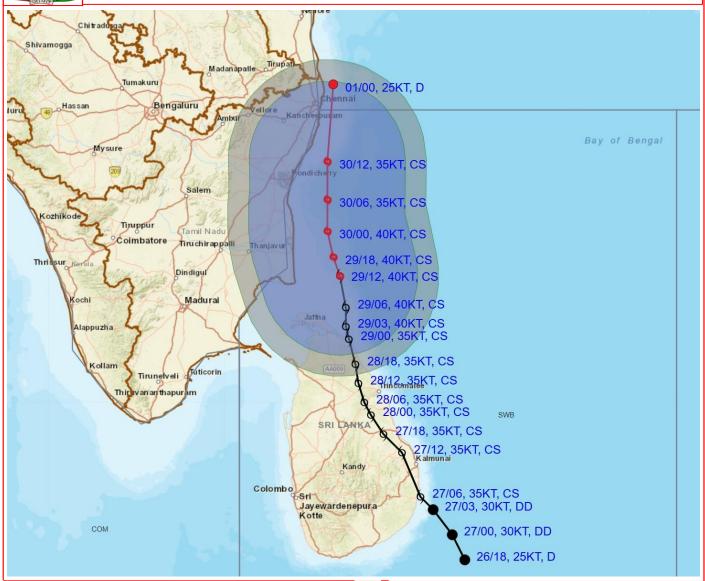
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)

Sucs: SUPER CYCLONIC STORM € 120 KT)





OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "DITWAH" OVER SOUTHWEST BAY OF BENGAL AND ADJOINING NORTH SRI LANKA & TAMILNADU COASTS BASED ON 1200 UTC (1730 Hrs. IST) OF 29TH NOVEMBER 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

FORECAST TRACK CONE OF UNCERTAINTY

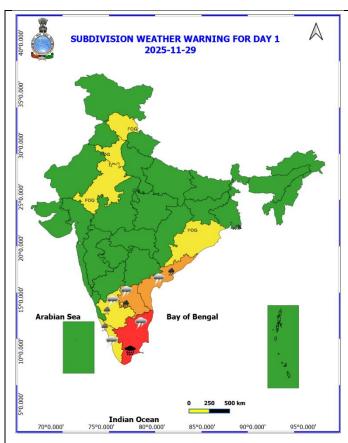
AREA OF MAXIMUM SUSTAINED WIND SPEED:

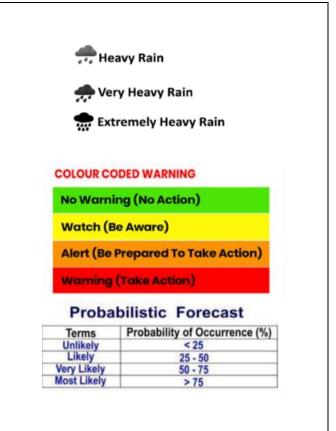
28-33 KT (52-61 KMPH) 34-49 KT (62-91 KMPH) 50-63 KT (92-117 KMPH) ≥ 64 KT (≥118 KMPH)

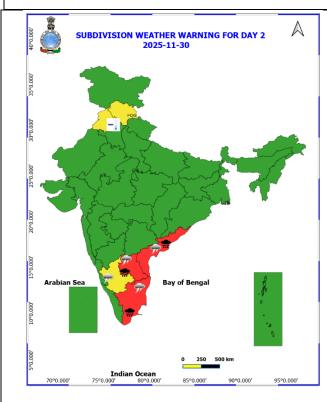
#### IMPACT OVER THE SEA

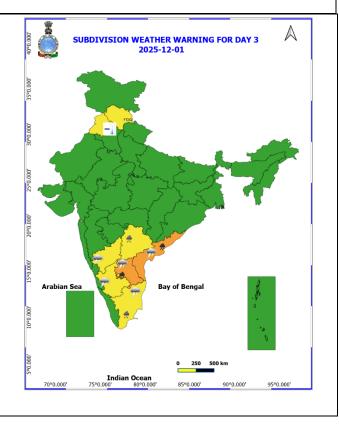
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

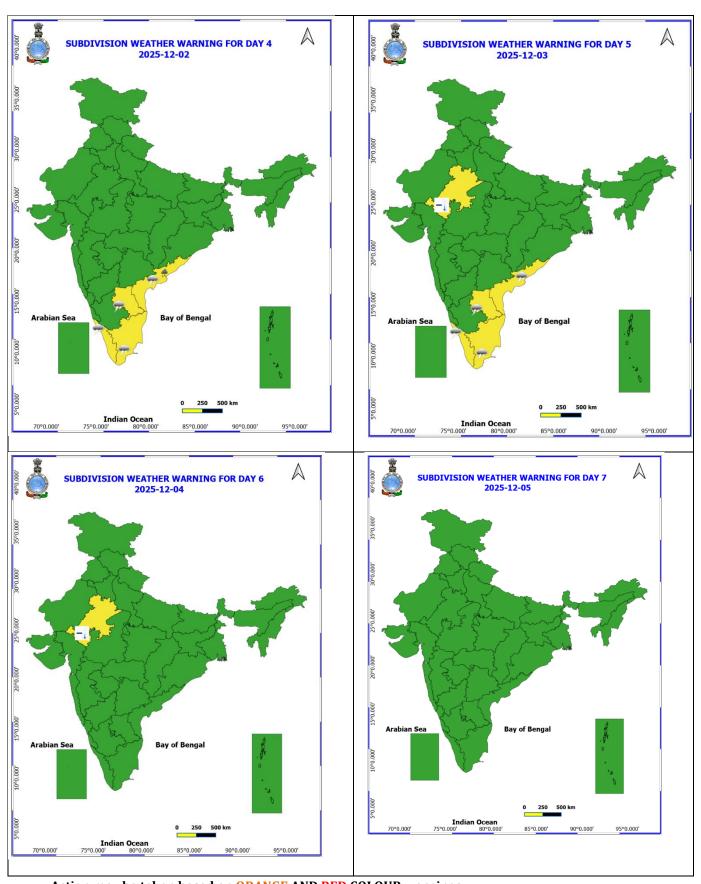
#### **WEATHER WARNING GRAPHICS**





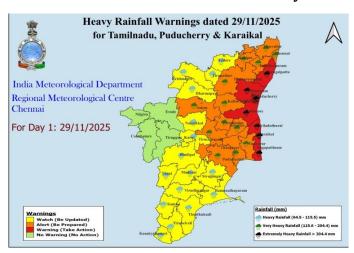


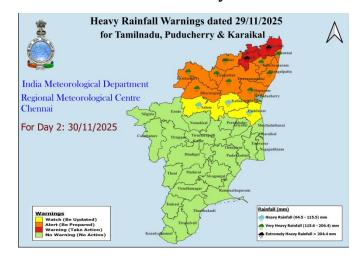




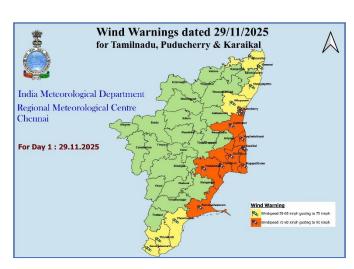
- Action may be taken based on ORANGE AND RED COLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

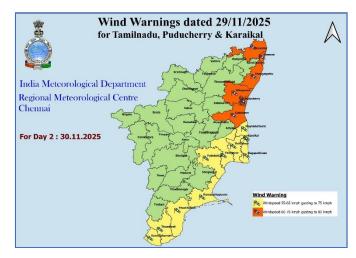
## District-wise Heavy Rainfall for Tamil Nadu & Puducherry



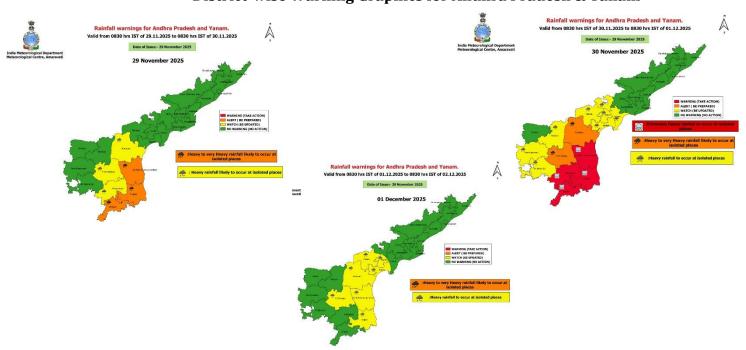


### **Wind Warning Graphics**

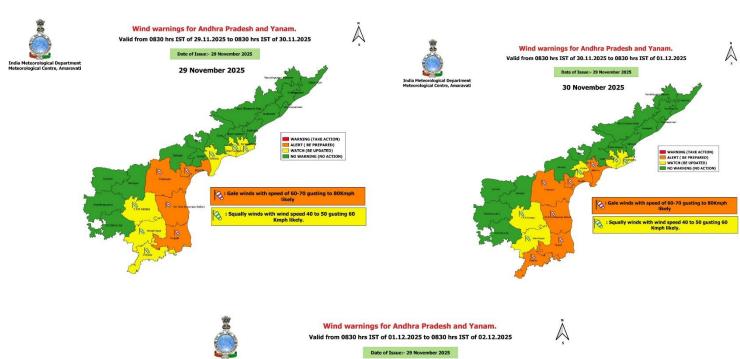


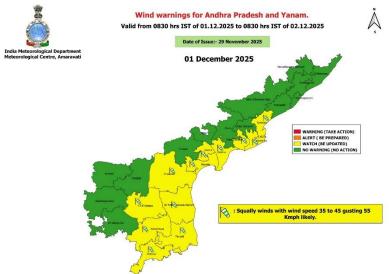


## District-wise Warning Graphics for Andhra Pradesh & Yanam



## **Wind Warning**





#### Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 30-11-2025 :

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

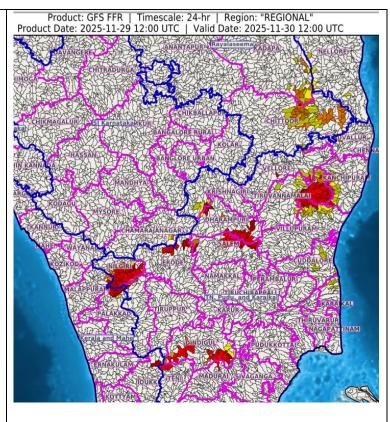
Coastal Andhra Pradesh & Yanam - Nellore district.

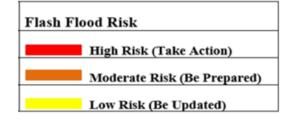
Kerala & Mahe - Idukki, Malappuram and Palakkad districts.

Rayalaseema - Chittoor and Kadapa districts.

Tamil Nadu - Puducherry & Karaikal - Karaikal, Puduchery, Cuddalore, Dharampuri, Dindigul, Erode, Kanchipuram, Krishnagiri, Nilgiri, Salem, Teni, Tiruvannamalai, Vellore and Villupuram 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.





## **Storm Surge Guidance**

### 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		EXPECTED INUNDATION EXTENT (km)
Chengalpattu	Kancheepuram	Tamil Nadu	Muthukadu	0.3-0.5	Nil
Ponneri	Thiruvallur	Tamil Nadu	Karimanal	0.2-0.4	Upto 0.15

