



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

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Subject: Cyclonic Storm Ditwah [Pronunciation: Ditwah] weakened into a deep depression over southwest Bay of Bengal and adjoining North Tamil Nadu-Puducherry coasts

The **Cyclonic Storm Ditwah [Pronunciation: Ditwah]** over southwest Bay of Bengal and adjoining north Tamil Nadu-Puducherry coasts moved northwards with the speed of 5 kmph during past 6 hours, weakened into a **Deep Depression** and lay centered at 1730 hrs IST of today, the 30th November 2025 over the same region, near latitude 11.8°N and longitude 80.6°E, about 90 km east of Cuddalore (India), 130 km northeast of Karaikal (India), 90 km east-southeast of Puducherry (India), 180 km north-northeast of Vedaranniyam (India) and 140 km south-southeast of Chennai (India). The minimum distance of the centre of the deep depression from north Tamil Nadu-Puducherry coasts is about 80 km.

It is very likely to move nearly northwards parallel to North Tamil Nadu-Puducherry coasts and weaken gradually further into a depression around morning of tomorrow, the 01st December. The system will be centered over southwest Bay of Bengal within a minimum distance of 40 km and 20 km from the north Tamil Nadu-Puducherry coastline by midnight of today, the 30th November and morning of tomorrow, the 01st December respectively.

The system is being monitored by the Doppler Weather Radars (DWRs) at Karaikal and Chennai.

Forecast track and intensity are given in Table below

Date/Time (IST)	Position (Lat. °N/ Long. °E)	Maximum Sustained Surface Wind Speed (Kmph)	Category Of Cyclonic Disturbance
30.11.25/1730	11.8/80.6	55-65 gusting to 75	Deep Depression
30.11.25/2330	12.5/80.5	50-60 gusting to 70	Deep Depression
01.12.25/0530	13.3/80.5	45-55 gusting to 65	Depression

(i) Rainfall Warning:

- ❖ **Tamil Nadu & Puducherry:** Light to moderate rainfall at most places with **heavy to very heavy rainfall at isolated places** likely over north coastal Tamil Nadu & Puducherry and isolated **heavy rainfall** likely over north interior Tamil Nadu on 30th November, 2025. Thereafter, rainfall would gradually decrease to light to moderate at many places with **heavy rainfall** at isolated places on 1st December over North Tamil Nadu.
- ❖ **South Coastal Andhra Pradesh & Rayalaseema:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places on 30th November.
- ❖ **North Coastal Andhra Pradesh:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places on 30th November.
- ❖ **Kerala & Mahe:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places on 30th November.

(ii) Wind Warning:

(a) Along & off north Tamil Nadu & Puducherry Coasts

Squally wind speed reaching 55-65 gusting to 75 kmph is prevailing and it is likely to decrease gradually becoming 45-55 gusting to 65 kmph by 1st December morning.

(b) Along & off south Tamil Nadu coast

Squally wind speed reaching 50-60 gusting to 70 kmph is prevailing and it is likely to decrease gradually becoming 40-50 gusting to 60 kmph by 1st December morning.

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

Squally wind speed reaching 50-60 gusting to 70 kmph is prevailing and it is likely to decrease gradually becoming 45-55 gusting to 65 kmph by 1st December morning.

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

Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail till 01st December morning. It would gradually decrease becoming squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail till 2nd December morning.

(iii) Sea Condition:

(a) Along & off Tamil Nadu & Puducherry Coasts

Sea condition is very likely to be very rough to rough till 1st December morning and gradually improve thereafter.

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

Rough Sea conditions are likely to prevail till morning of 1st December and gradually improve thereafter.

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

Very rough to rough sea conditions are likely prevail till 01st December morning, becoming rough till 2nd December morning and gradually improve thereafter.

(v) Fishermen Warning:

- (a) Total suspension of fishing operations in coastal areas of Sri Lanka, Tamil Nadu, Puducherry and south Andhra Pradesh coasts till 01st 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 2nd December.
- (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 and adjoining westcentral Bay of Bengal till 01st December.

(vi) Impact Expected and Action Suggested due to heavy rain and strong winds (coastal districts of north Tamil Nadu, Puducherry and south Andhra Pradesh) on 30th November, 2025

Impact Expected

- ❖ 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, and sea spray.
- ❖ 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 and damage to salt pans.
- ❖ 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.
- ❖ Localized Landslides/Mudslides.

Action suggested:

- ❖ Total suspension of fishing operations.
- ❖ 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.

Realized Weather:**Rainfall:**

Light to moderate at most places with heavy to very heavy rainfall at a few places and extremely heavy rainfall at isolated places occurred during past 24 hours ending at 0830 hours IST of 30th November. The chief amounts of rainfall (cm) accumulated during past 24 hours recorded at 0830 hours IST of 30th November, 2025 are given in ANNEXURE-1.

Wind:

The maximum sustained wind (MSW) speed of 70-80 kmph gusting to 90 kmph prevailed over coastal Tamil Nadu – Puducherry on 29th November. The recorded highest MSW kmph are given below.

Shivaganga: 76 kmph (2230 hrs IST, 29th Nov.), Nathan ISRO: 68 kmph (1300 hrs IST, 29th Nov.), Nagapattinam: 67 kmph (1430 hrs IST, 29th Nov.) and Karaikal: 60 kmph (1600 hrs IST, 29th Nov.)

Storm Surge:

Storm surge of height 0.5 m – 1.0 m above astronomical tide inundated low lying areas of coastal Tamil Nadu – Puducherry on 29th November. Significant wave height of 1.8 m was observed near Pamban bridge.

Next bulletin will be issued at 0230 hours IST of tomorrow, the 1st December, 2025.

(Suprit Kumar)
Scientist-E, IMD, New Delhi

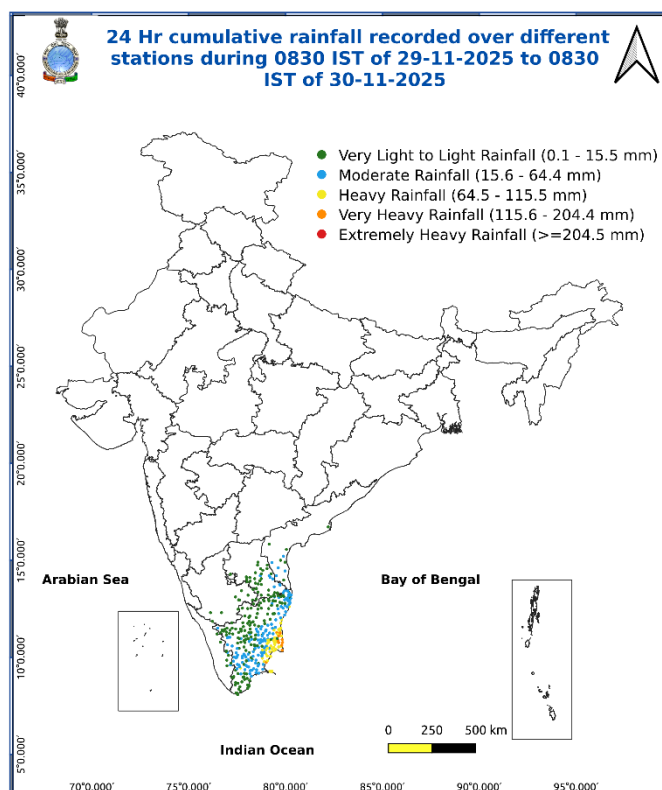
*Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/CWC
Thiruvananthapuram/ Meteorological Centre Vijay Puram/ and Meteorological Centre Amaravati*

Significant 24 hours accumulated rainfall (cm) recorded at 0830 hours IST of 30th November, 2025 over different stations (districts) are given below:

Tamil Nadu, Puducherry & Karaikal:

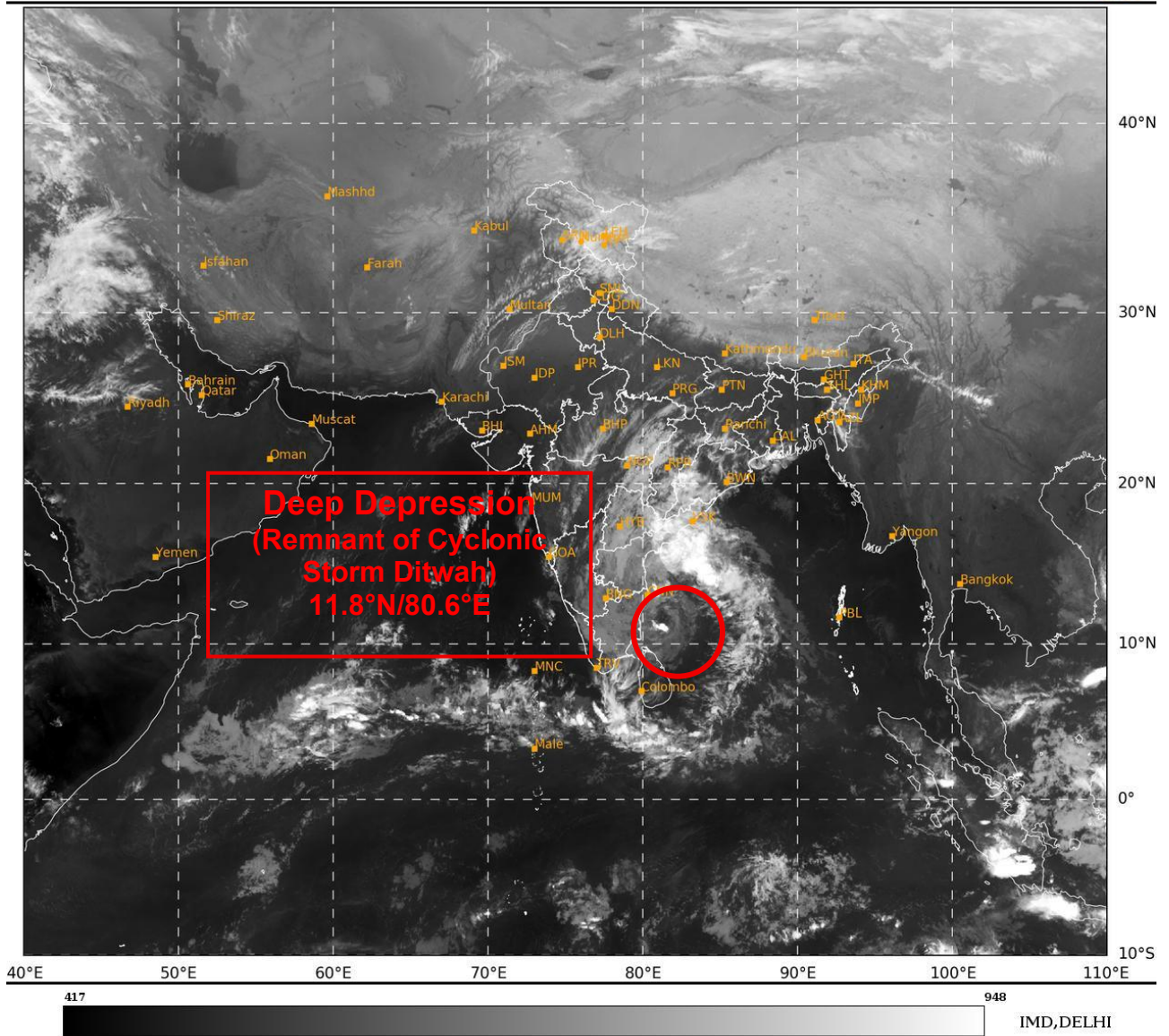
Thiruvengadu (Myladuthurai) 23, Karaikal (Karaikal) 19; Sembanarkoil PWD (Mayiladuthurai) 17; Mayiladuthurai AWS (Mayiladuthurai), Nagapattinam (Nagapattinam) 15 Each; Mayiladuthurai (Mayiladuthurai), Sirkali (Mayiladuthurai), Tiruvarur (Tiruvarur) 14 Each; Tondi (Ramanathapuram), Tirupoondi (Nagapattinam), Thangachimadam (Ramanathapuram) 13 Each; Sethiathope (Cuddalore), Vedaranyam (Nagapattinam), Nannilam (Tiruvarur), Velankanni (Nagapattinam), Kodayakarai (Nagapattinam), Kurungulam (Thanjavur) 12 Each; Srimushnam (Cuddalore), Thiruthuraiipoondi (Tiruvarur), Tiruvarur AWS (Tiruvarur), Thalaigayir (Nagapattinam), Thirukuvilai (Nagapattinam), Neivasal Thenpathi (Thanjavur), Echanviduthi (Thanjavur) 11 Each; Cuddalore (Cuddalore), Parangipettai (Cuddalore), Kollidam (Mayiladuthurai), Tiruvadanai (Ramanathapuram), Orthanad (Thanjavur), Mannargudi (Tiruvarur), Mimisal (Pudukkottai), Collectorate (Cuddalore), Theerthandathanam (Ramanathapuram) 10 Each; Chidambaram (Cuddalore), Rameswaram (Ramanathapuram), Pattukottai (Thanjavur), Peravurani (Thanjavur), Thiruvaidaimaruthur (Thanjavur), Needamangalam (Tiruvarur), Valangaiman (Tiruvarur), Manalmedu (Mayiladuthurai), Avudayarkoil (Pudukkottai), Vattanam (Ramanathapuram), Ayyampettai (Thanjavur), Budalur (Thanjavur), Vadakuthu (Cuddalore), Ayinkudi (Pudukkottai), Nagudi (Pudukkottai), Vettikadu (Thanjavur) 9 Each; Arantangi (Pudukkottai), Pamban (Ramanathapuram), Madukkur (Thanjavur), Thanjavur (Thanjavur), Tiruvaiyaru (Thanjavur), Sivakasi (Virudhunagar), Aduthurai AWS (Thanjavur), Thanjavur PTO (Thanjavur), Bhuvanagiri (Cuddalore), Mandapam (Ramanathapuram), Manjalaru (Thanjavur), Annamalai Nagar (Cuddalore), Lalpet (Cuddalore), Nandhiyar Head (Trichy) 8 Each; K.m.koil (Cuddalore), Mahabalipuram (Chengalpattu), Tarangambadi (Mayiladuthurai), Puducherry (Puducherry), Alangudi (Pudukkottai), Pudukkottai (Pudukkottai), Devakottai (Sivaganga), Adirampatnam (Thanjavur), Vallam (Thanjavur), Muthupet (Tiruvarur), Pandavaiyar Head (Tiruvarur), Kodavasal (Tiruvarur), Kothavacherry (Cuddalore), Lower Anaicut (Thanjavur) 7 Each;

N.B.: Heavy rainfall (7-11 cm); Very Heavy rainfall (12-20 cm) and Extremely Heavy rainfall (>20 cm)



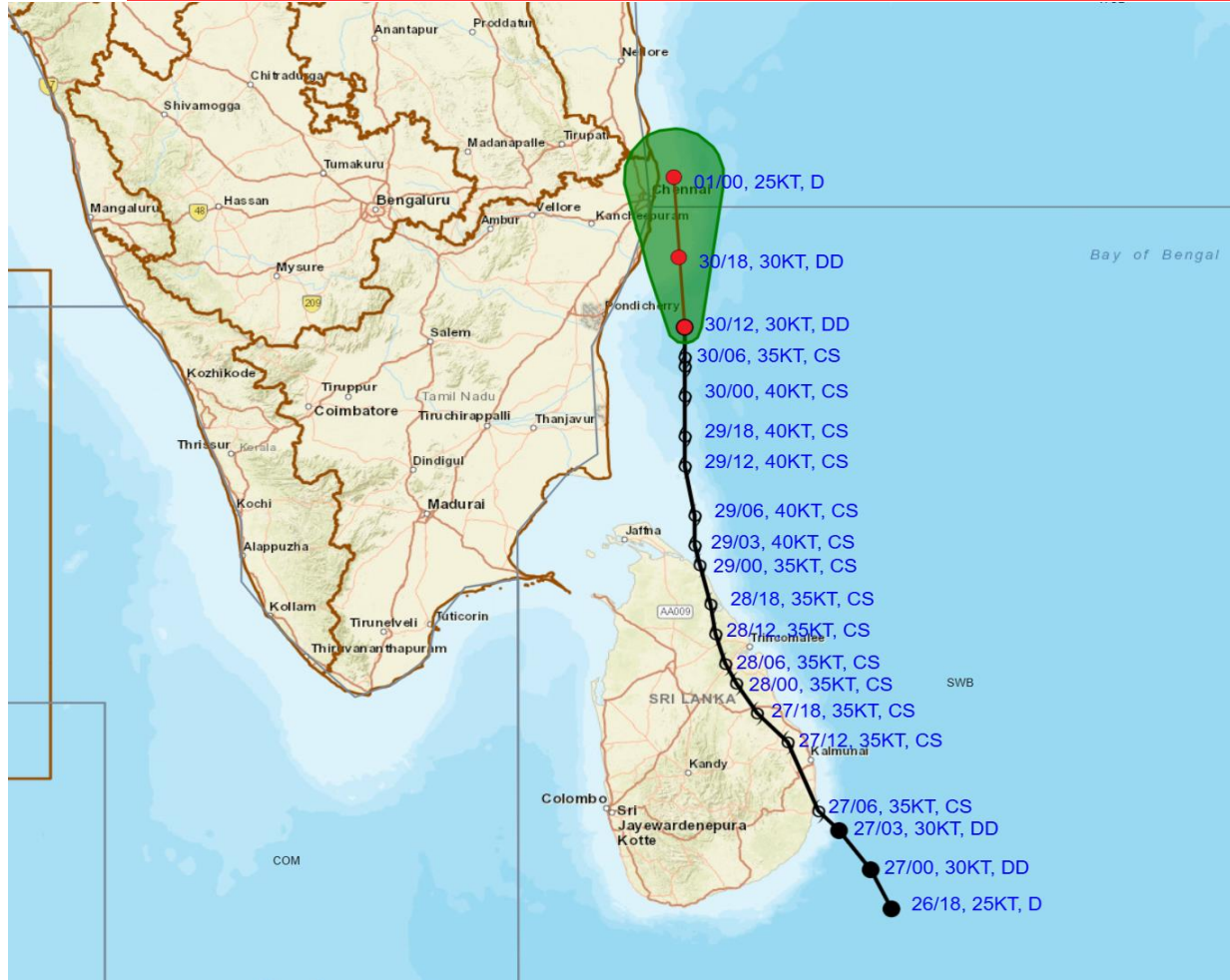
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

30-11-2025/(1345 to 1411) GMT
30-11-2025/(1915 to 1941) IST





OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION (REMNANT OF CYCLONIC STORM “DITWAH”) OVER SOUTHWEST BAY OF BENGAL AND ADJOINING NORTH TAMILNADU-PUDUCHERRY COASTS BASED ON 1200 UTC (1730 Hrs. IST) OF 30TH 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 (48-63 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

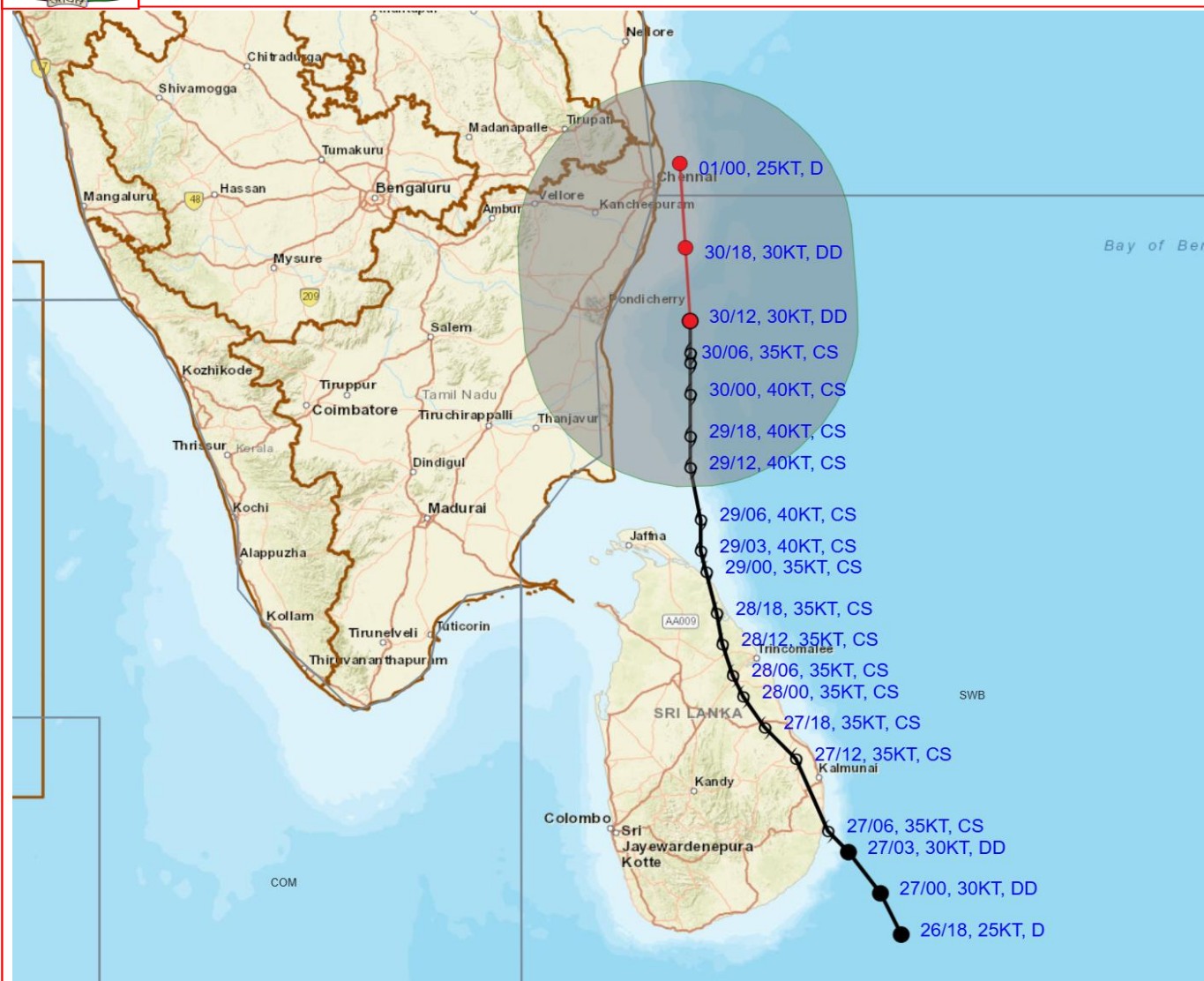
CONE OF UNCERTAINTY

Forecast distance (km) and direction of the centre from nearest 5 coastal stations

Forecast Date and Time	Station 1	Station 2	Station 3	Station 4	Station 5
30.11.25/1200	MO PONDICHERRY (87,ESE)	CUDDALORE (91,E)	PARANGIPETTAI (97,ENE)	KARAIKAL (129,NE)	CHENNAI/MINAMBAKKA M (141,SSE)
30.11.25/1800	CHENNAI/MINAMBAKKA M (68,SE)	NUMGAMBAKKAM (74,SSE)	MO PONDICHERRY (99,NE)	CUDDALORE (118,NE)	TIRUTTANI (132,ESE)
01.12.25/0000	NUMGAMBAKKAM (42,NE)	CHENNAI/MINAMBAKKA M (48,NE)	TIRUTTANI (106,E)	TIRUPATHI (107,ESE)	NELLORE (140,SSE)



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION (REMNANT OF CYCLONIC STORM “DITWAH”) OVER SOUTHWEST BAY OF BENGAL AND ADJOINING NORTH TAMILNADU-PUDUCHERRY COASTS BASED ON 1200 UTC (1730 Hrs. IST) OF 30TH 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)

● 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)

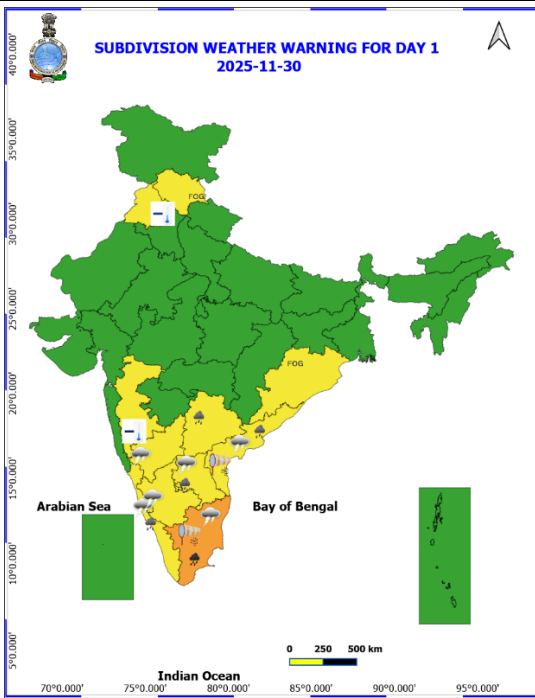
— 34-49 KT (62-91 KMPH)

— 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



Heavy Rain

Very Heavy Rain

Extremely Heavy Rain

COLOUR CODED WARNING

No Warning (No Action)

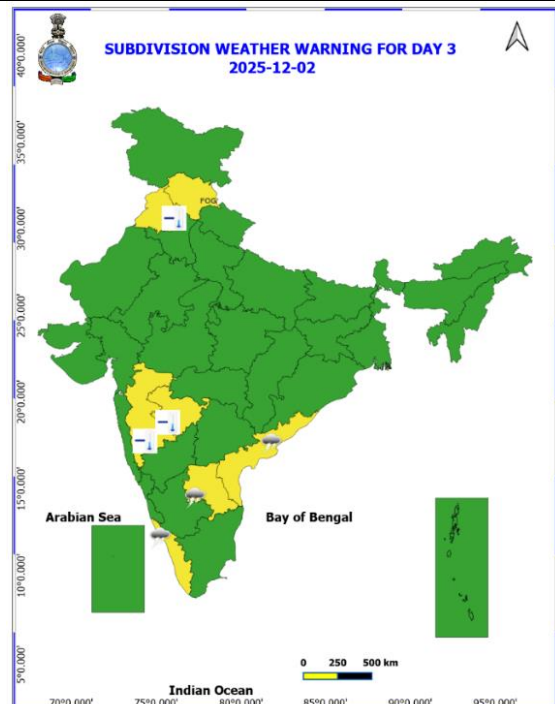
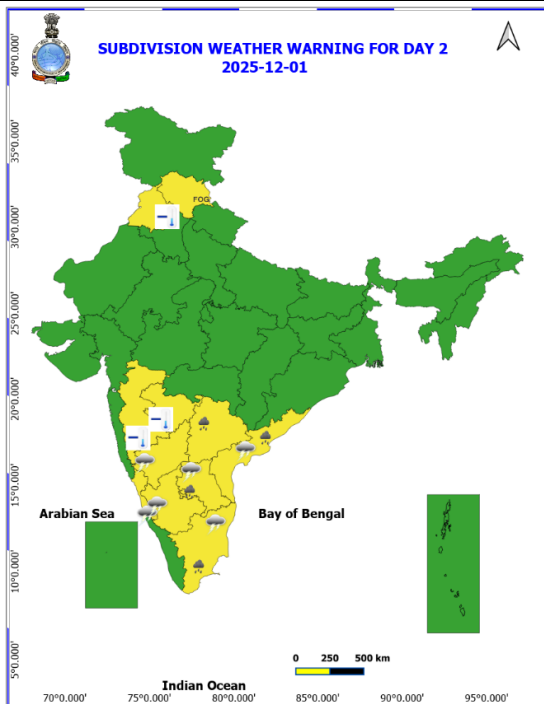
Watch (Be Aware)

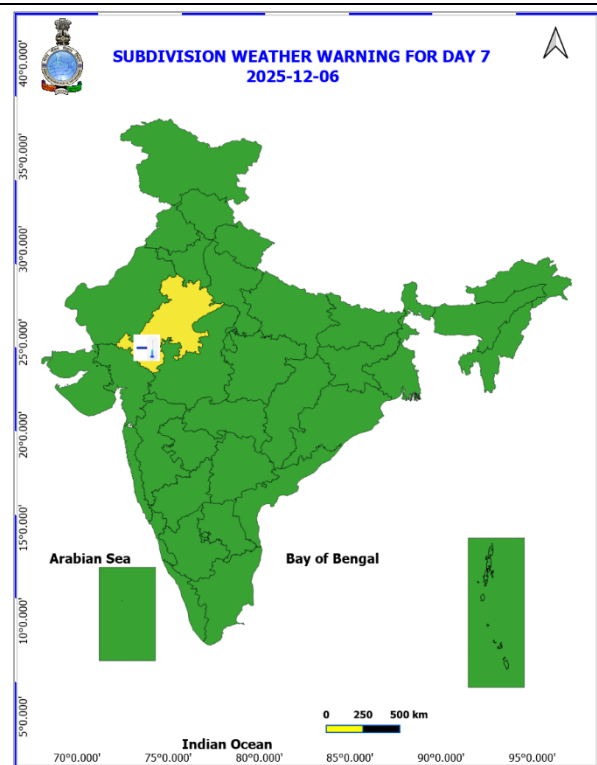
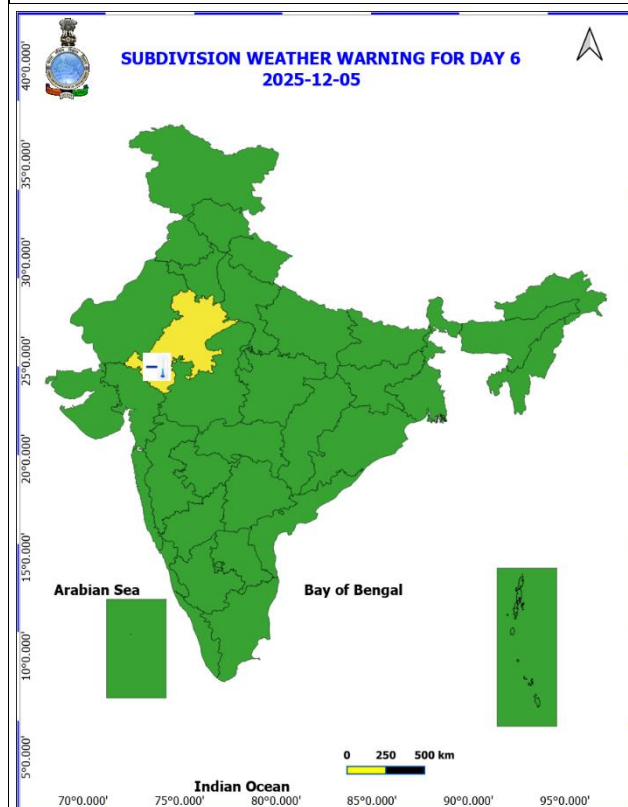
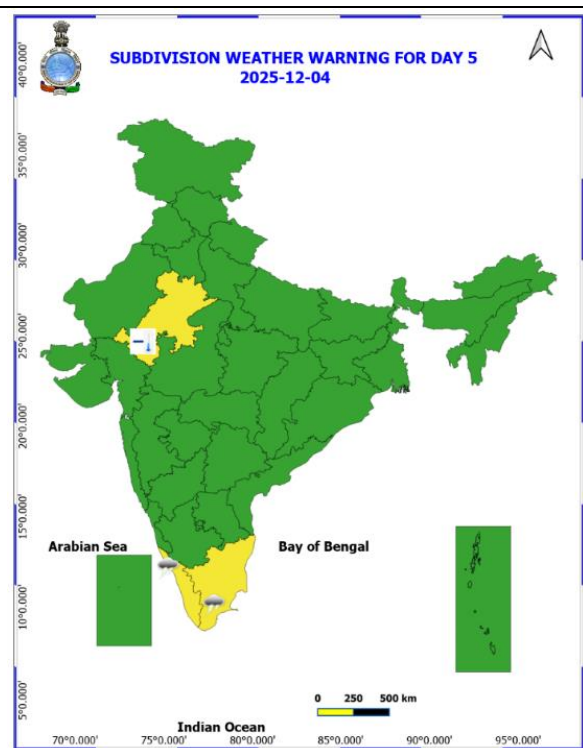
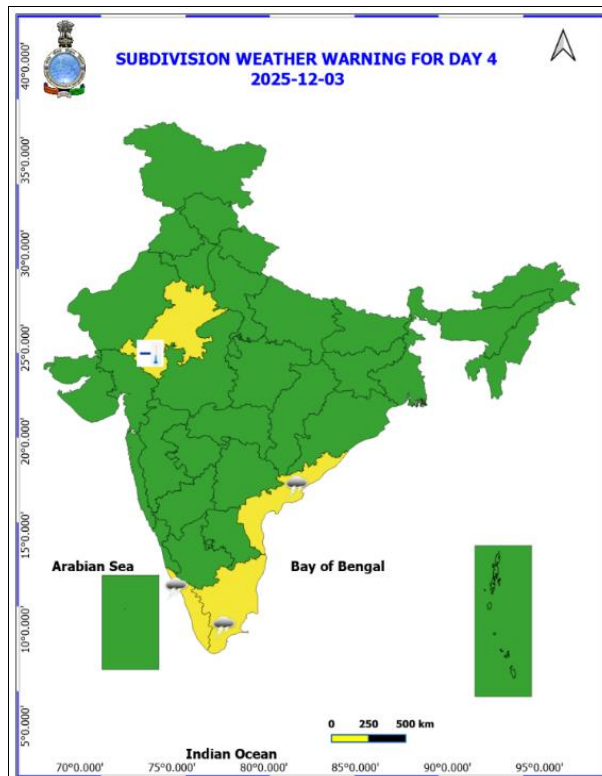
Alert (Be Prepared To Take Action)

Warning (Take Action)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75





- 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.

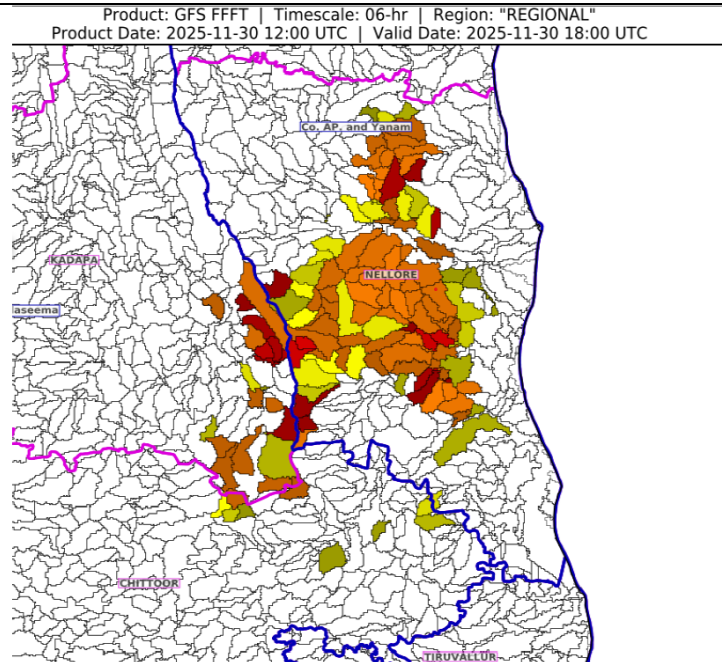
Flash Flood Guidance

Forecasted Flash Flood Threat (FFFT) till 2330 IST of 30-11-2025 :

Low to Moderate flash flood threat likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 6 hours.

Coastal Andhra Pradesh & Yanam - Nellore district.

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 6 hours.



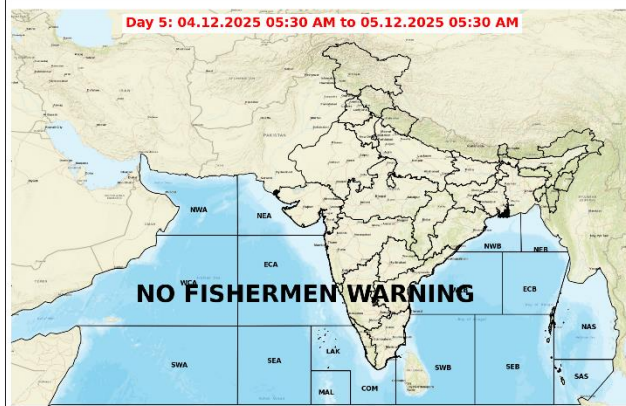
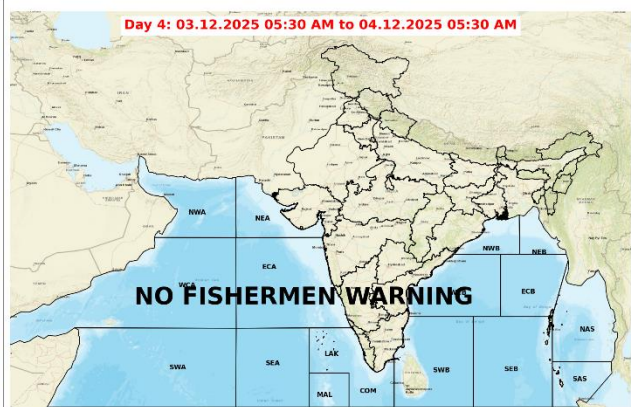
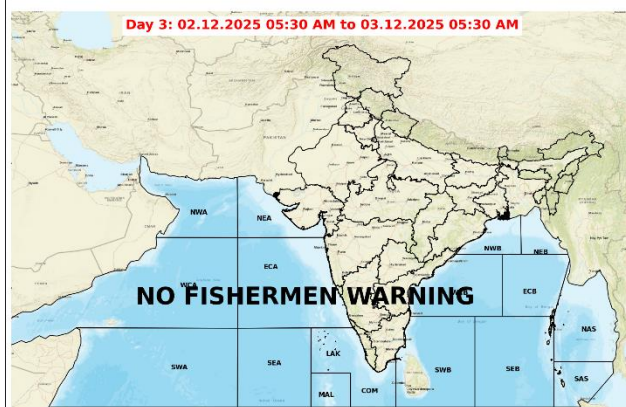
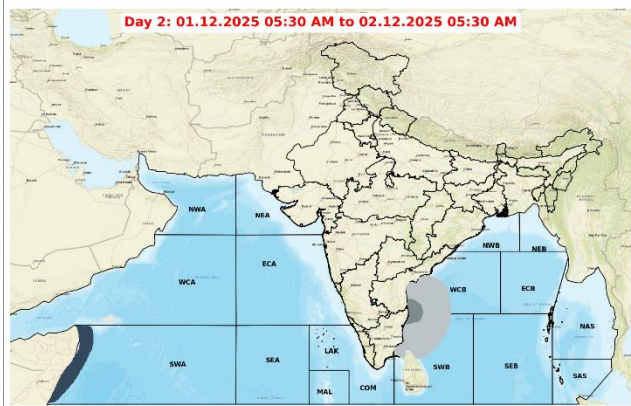
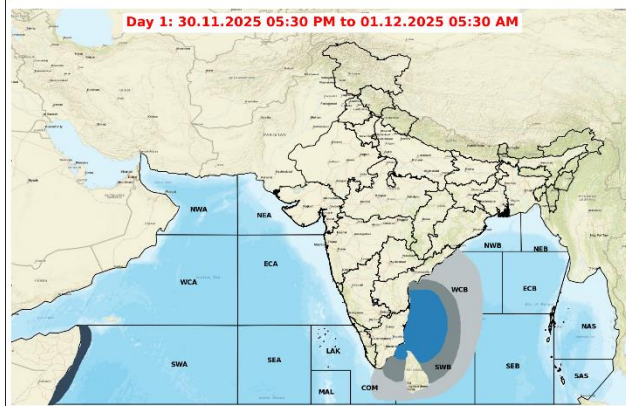
Flash Flood Risk

High Risk (Take Action)

Moderate Risk (Be Prepared)

Low Risk (Be Updated)

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.