



India Meteorological Department
(Ministry of Earth Sciences)

BULLETIN NO. 35 (BOB/03/2022)

TIME OF ISSUE: 0730 HOURS IST

DATED: 12.05.2022

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)

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

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

CHIEF SECRETARY, PUDUCHERRY (FAX NO 0413-2334145)

CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)

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

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

Sub: Deep Depression (remnant of cyclonic storm 'ASANI') weakened into a Depression over coastal Andhra Pradesh

The Deep Depression (remnant of cyclonic storm 'ASANI') over coastal Andhra Pradesh remained practically stationary during last 6 hours and weakened into a **Depression** over the same region and lay centred at 0530 hours IST of today, the 12th May, 2022 near latitude 16.2°N and longitude 80.9°E, close to West of Machilipatnam.

It is likely to hover around the same region and weaken further into a Well Marked Low Pressure Area during next 12 hours.

Warnings:

(i) Rainfall (Warning Graphics enclosed)

12th May: Light to moderate rainfall at many places with **heavy rainfall** at isolated places is likely over coastal Andhra Pradesh and Rayalaseema. **Light to moderate rainfall** at a few places over coastal areas of Odisha and West Bengal.

(ii) Wind warning (Warning Graphics enclosed)

- Squally wind speed reaching 45-55 kmph gusting to 65 kmph is prevailing around the system center and adjoining westcentral Bay of Bengal during next 12 hours.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail along & off Krishna, East & West Godavari districts of Andhra Pradesh and Yanam of Puducherry

during next 12 hours. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail along & off adjoining districts of coastal Andhra Pradesh during the same period.

- Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail off Odisha coast during next 12 hours.

(iii) Sea condition

Sea condition is likely to be very rough to rough over westcentral & adjoining northwest Bay of Bengal during 12 hours and improve thereafter.

(iv) Fishermen Warning (Graphics enclosed)

- Total suspension of fishing operations over westcentral Bay of Bengal and over northwest Bay of Bengal during next 12 hours.
- Fishermen are advised not to venture into westcentral Bay of Bengal along and off Andhra Pradesh and Odisha coasts and Northwest Bay of Bengal on 12th May.

(v) Advisory for offshore activities

- Regulate offshore operations during next 12 hours.

(vi) Damage expected: (For Krishna, East & West Godavari districts of Andhra Pradesh and Yanam of Puducherry) during next 06 hours

- Minor damage to thatched huts.
- Minor damage to power and communication lines due to breaking of tree branches.
- Major damage to Kutcha and minor damage to Pucca roads.
- Damage to paddy and other standing crops, banana, papaya trees and orchards

(vii) Action Suggested: (For Krishna, East & West Godavari districts of Andhra Pradesh and Yanam of Puducherry)

- Check for traffic congestion on your route due to heavy rain before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.

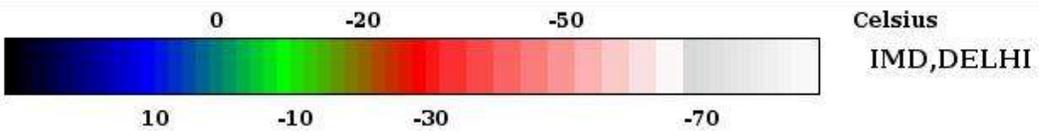
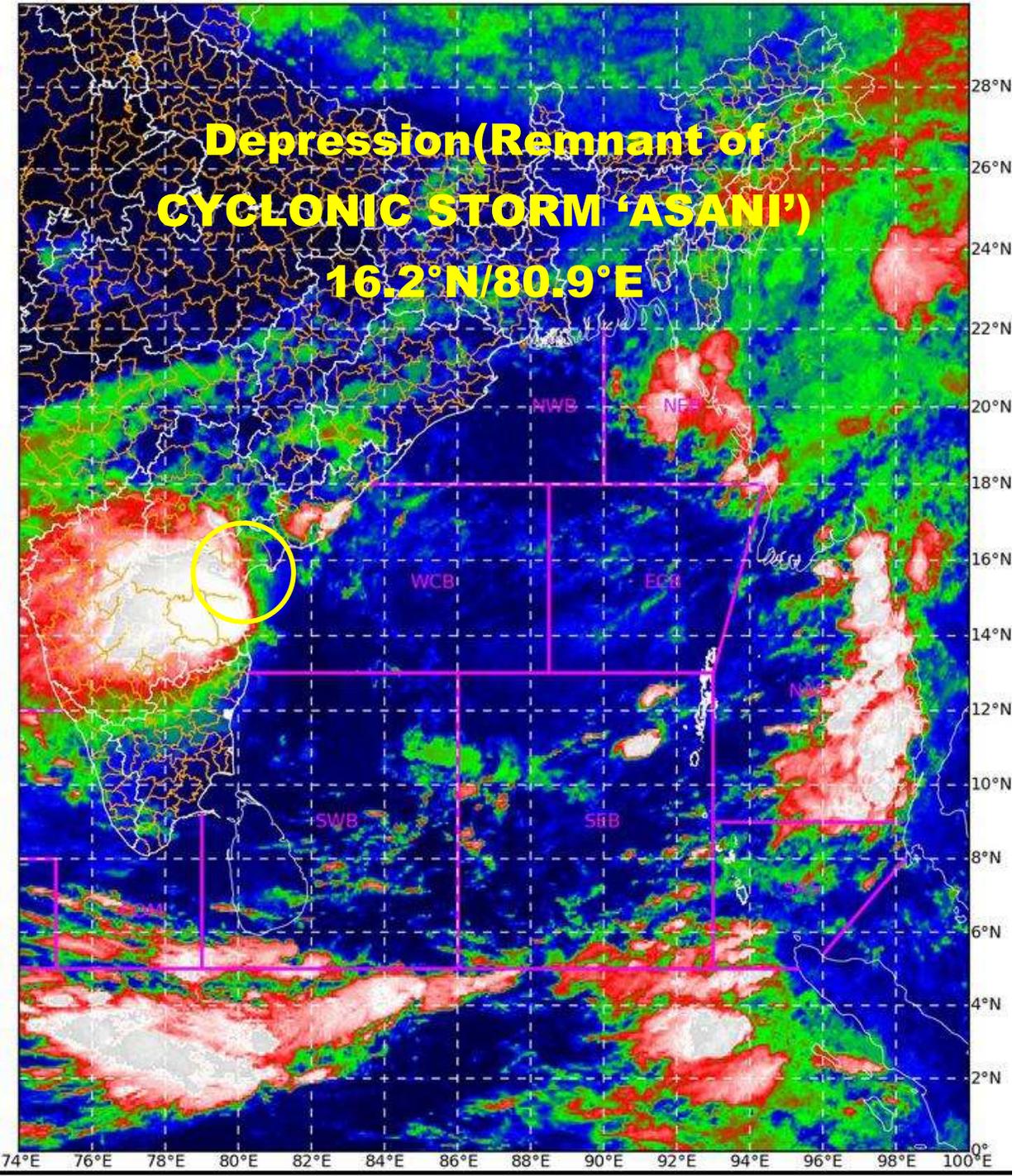
The system is under continuous surveillance and the next bulletin will be issued at 1130 hours IST of today, the 12th May, 2022.

**(Surendra Pratap Singh)
Scientist-C, RSMC, New Delhi**

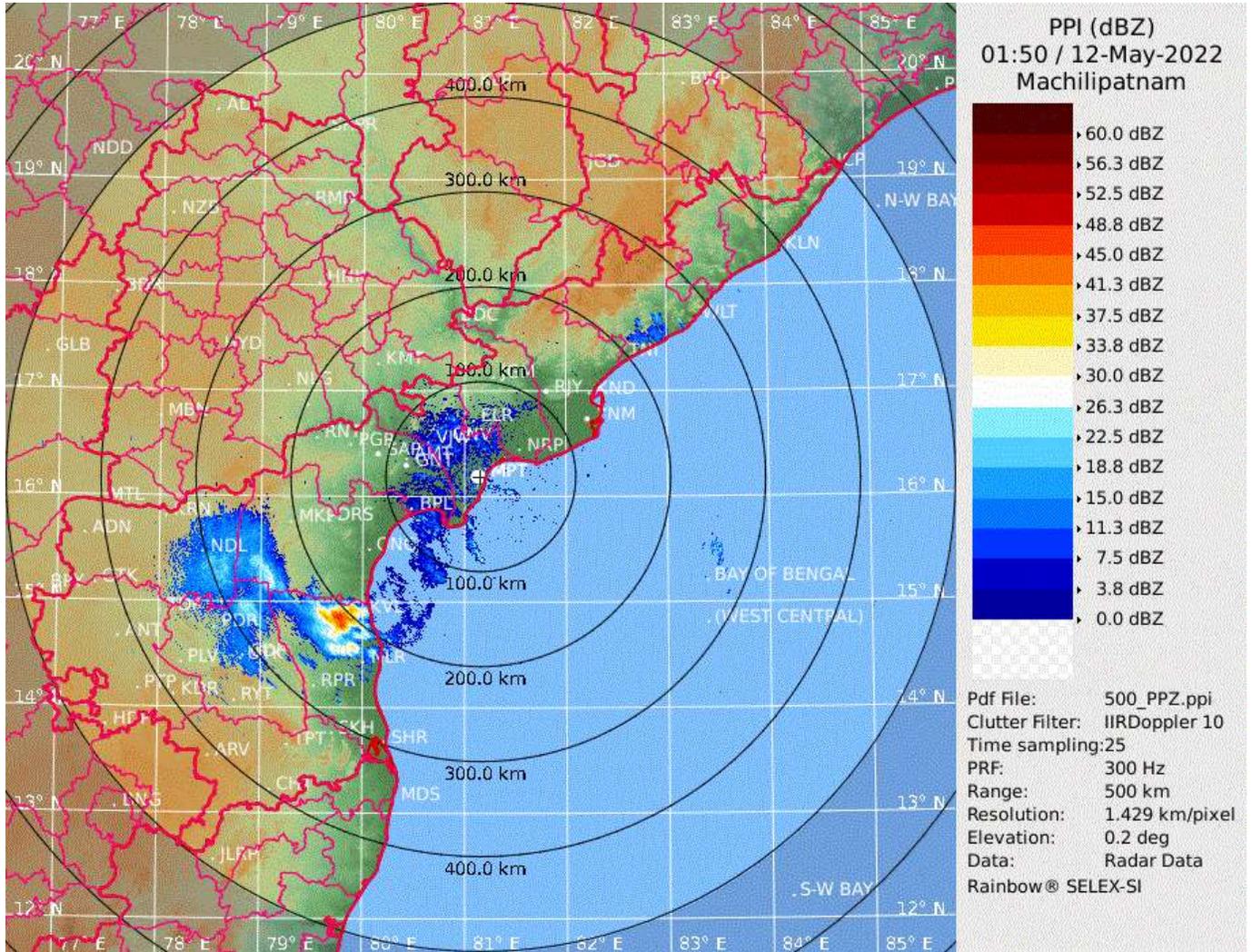
Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswarr/CWC Vishakhapatnam/MO Port Blair

LEGEND: Heavy Rainfall: 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total

SAT : INSAT-3D IMG 12-05-2022/(0100 to 0126) GMT
IMG_TIR1_TEMP 10.8 um 12-05-2022/(0630 to 0656) IST
L1C Mercator

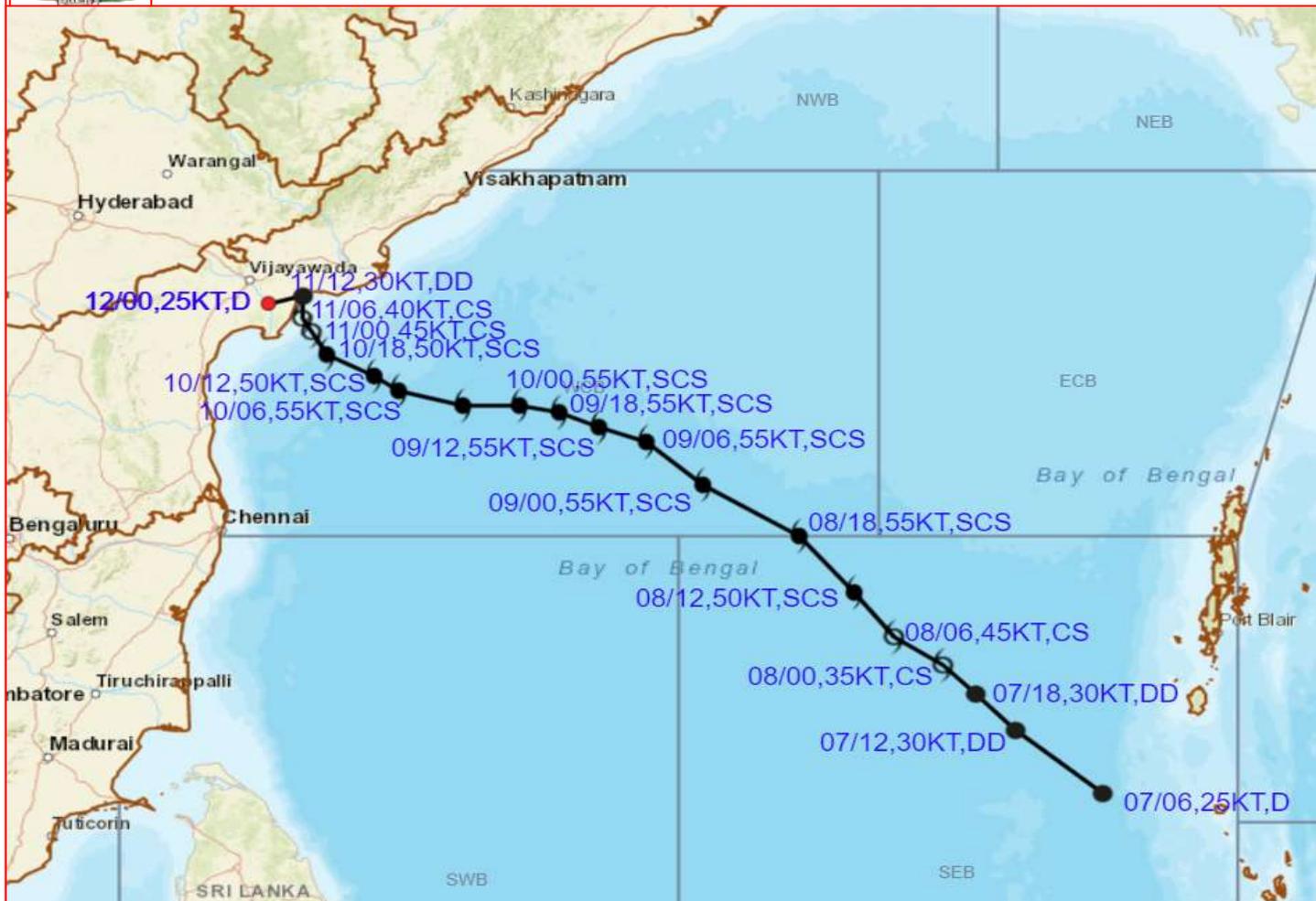


DEPRESSION (REMNANT OF CYCLONIC STORM "ASANI") VIEWED BY THE DWR AT MACHILIPATNAM





FORECAST TRACK AND INTENSITY OF DEPRESSION (REMNANT OF CYCLONIC STORM 'ASANI') ALONGWITH CONE OF UNCERTAINTY OVER ANDHRA PRADESH COAST BASED ON 0000 UTC OF 12TH MAY 2022



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)
 VSXS: 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

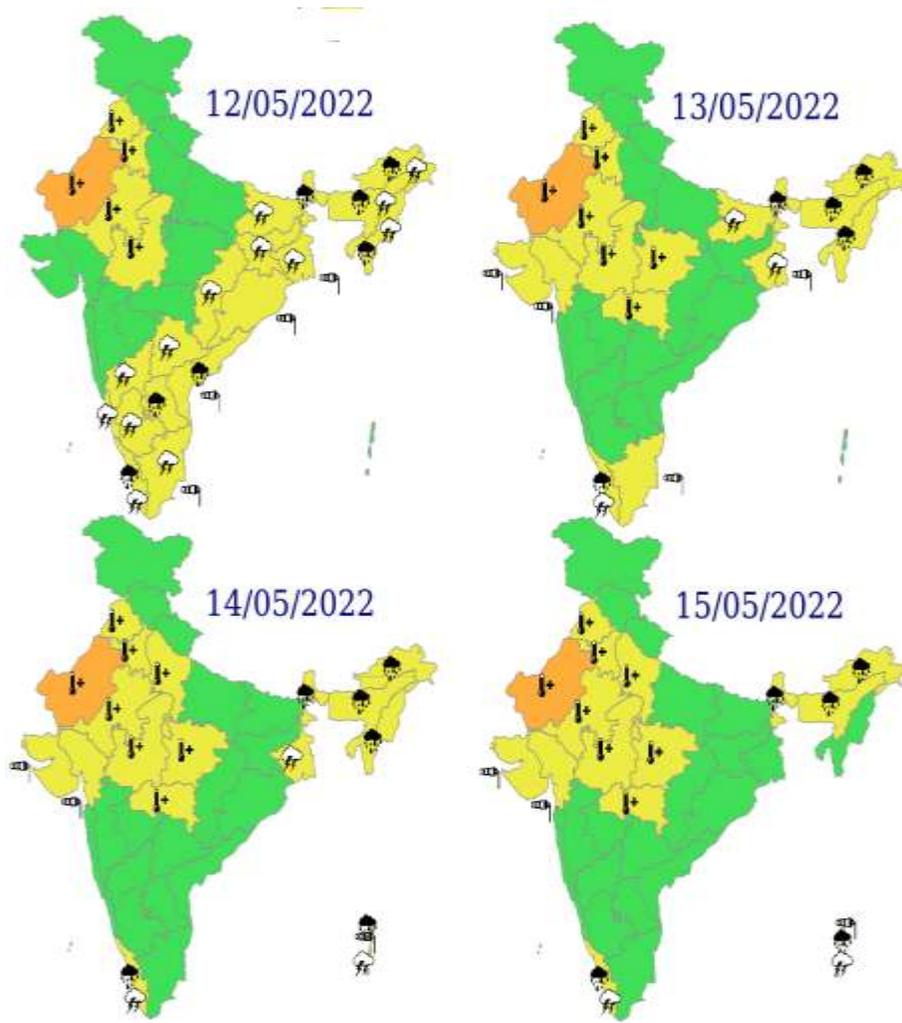
Forecast Date and Time	Lead Period	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
12.05.22/0000	0	16.2	80.9	MACHILIPATNAM/ FRANCHPET (27,W)	VIJAYAWADA /GANNAVARAM (39,SSE)	VIJAYAWADA (46,SE)	BAPATLA (57,NE)	NARSAPUR (89,WSW)

DISTANCE(KM) AND DIRECTION FROM STATIONS

Forecast Date and Time	Lead Period	MACHILIPATNAM	KAKINADA	VISHAKHAPAT NAM	GOPALP UR	PURI
12.05.22/0000		0 30,W	160,WSW	310,WSW	540,SW	660,SW

**N : NORTH NNE : NORTH-NORTHEAST NE : NORTHEAST ENE : EAST-NORTHEAST E : EAST
 ESE : EAST-SOUTHEAST SE : SOUTHEAST SSE : SOUTH-SOUTHEAST S : SOUTH
 SSW : SOUTH-SOUTHWEST SW : SOUTHWEST WSW : WEST-SOUTHWEST W : WEST
 WNW : WEST-NORTHWEST NW : NORTHWEST NNW : NORTH-NORTHWEST**

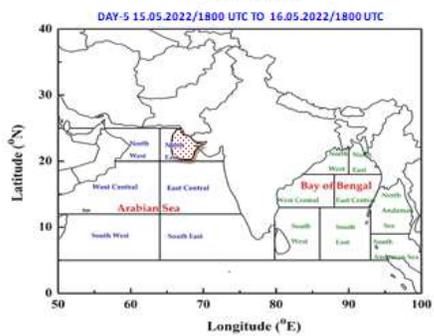
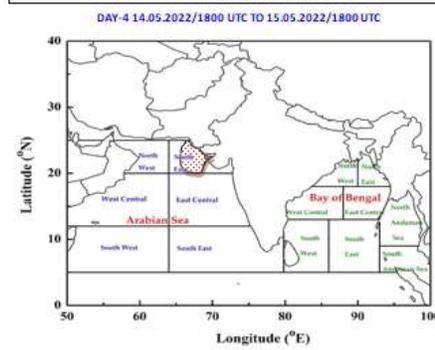
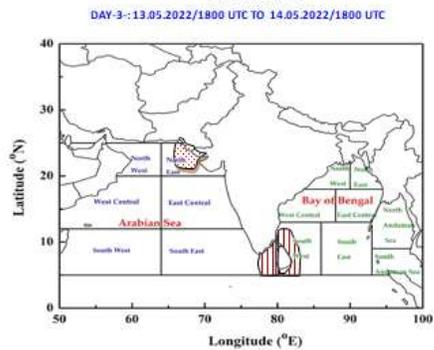
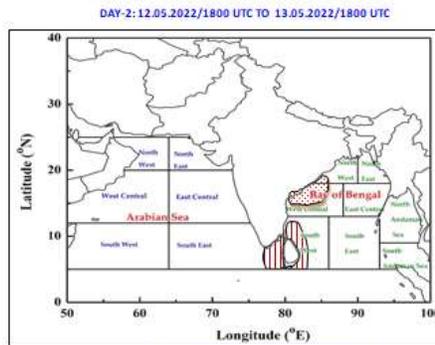
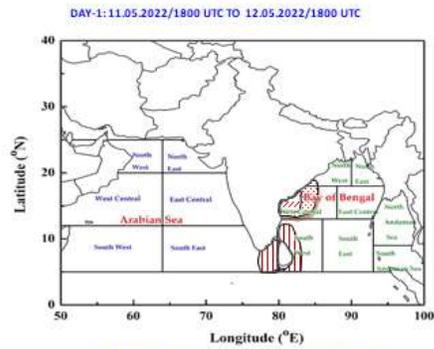
Heavy rainfall warning Graphics



WARNING	
WARNING (TAKE ACTION)	Red
ALERT (BE PREPARED)	Orange
WATCH (BE UPDATED)	Yellow
NO WARNING (NO ACTION)	Green

FISHERMEN WARNING GRAPHICS

INDIA METEOROLOGICAL DEPARTMENT FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA



AREA UNDER FISHERMEN WARNING

	40-50 KMPH GUSTING TO 60 KMPH (SQUALLY WEATHER)
	45-55 KMPH GUSTING TO 65 KMPH
	55-65 KMPH GUSTING TO 75 KMPH
	65-75 KMPH GUSTING TO 85 KMPH
	70-80 KMPH GUSTING TO 90 KMPH
	75-85 KMPH GUSTING TO 95 KMPH
	90-100 KMPH GUSTING TO 110 KMPH