



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

SPECIAL MESSAGE NO. 1 (ARB/03/2022)

TIME OF ISSUE:1400 HOURS IST

DATED: 13.12.2022

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

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Sub: Low Pressure Area over eastcentral and adjoining southeast Arabian Sea off North Kerala and Karnataka coasts

A Low Pressure Area formed over Southeast and adjoining Eastcentral Arabian Sea off north Kerala-Karnataka coasts in the early morning of today, the 13th December, 2022. It moved west-northwestwards and lay over Eastcentral and adjoining Southeast Arabian Sea off north Kerala and Karnataka coasts at 0830 hrs IST of today.

It is very likely to move west-northwestwards away from India coast and become well marked low pressure area over Eastcentral and adjoining Southeast Arabian Sea by 14th December morning and concentrate into a depression over Eastcentral Arabian Sea around 15th December morning.

Warnings:

(i) Rainfall (warning graphics enclosed)

Light to moderate rainfall at most places with isolated **heavy rainfall** is likely over Kerala and Lakshadweep area on 13th December.

As the system is expected to move away from Indian coast, no heavy rainfall is likely over Indian coast due to this system from 14th December onwards.

(ii) Wind warning (warning graphics enclosed):

- **Along & off North Kerala, Karnataka & Goa Coasts: Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail till 14th December afternoon.**

- **Lakshadweep Area: Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph** is likely to prevail till 14th morning, becoming **40-50 kmph gusting to 60 kmph** till 15th morning and decrease gradually thereafter.
- **Southeast Arabian Sea: Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph** is likely to prevail till 14th afternoon becoming **45-55 kmph gusting to 65 kmph** till 15th evening and decrease gradually thereafter.
- **Eastcentral Arabian Sea: Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph** is likely till 14th morning becoming **40-50 kmph gusting to 60 kmph** till 15th morning and **45-55 kmph gusting to 65 kmph** till 17th morning.
- **Westcentral Arabian Sea: Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph** is likely from 15th morning becoming **45-55 kmph gusting to 65 kmph** during 16th to 18th December, 2022.
- **Southwest Arabian Sea: Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph** is likely from 15th morning becoming **45-55 kmph gusting to 65 kmph** during 16th to 18th December, 2022.

(iii) Sea Condition

- ❖ **Along & off North Kerala, Karnataka & Goa Coasts: Sea Condition** is likely to be rough till 14th December afternoon.
- ❖ **Lakshadweep Area: Sea Condition** is likely to be rough till 14th morning becoming rough to very rough till 15th morning and improve thereafter
- ❖ **Southeast Arabian Sea: Sea Condition** is likely to be rough till 14th afternoon becoming rough to very rough till 15th evening and improve thereafter.
- ❖ **Eastcentral Arabian Sea: Sea Condition** is likely to be rough till 14th morning becoming rough to very rough from 15th morning to 17th morning.
- ❖ **Westcentral Arabian Sea: Sea Condition** is likely to be rough from 15th morning becoming rough to very rough during 16th to 18th December 2022.
- ❖ **Southwest Arabian Sea: Sea Condition** is likely to be rough from 15th morning becoming rough to very rough during 16th to 18th December 2022.

(iv) Fishermen Warning:

Fishermen are advised not to venture into

- ❖ **Along & off North Kerala, Karnataka & Goa Coasts** till 14th December afternoon.
- ❖ **Lakshadweep Area** till 15th morning.
- ❖ **Southeast Arabian Sea** till 15th evening.
- ❖ **Eastcentral Arabian Sea** till 17th morning.
- ❖ **Westcentral Arabian Sea** from 15th morning to 18th December.
- ❖ **Southwest Arabian Sea** from 15th morning to 18th December.

The system is under continuous surveillance and the next message will be issued at 1330 hours IST of tomorrow, the 14th December, 2022.

(A.K. Das)
Scientist E, Cyclone Warning, New Delhi

Copy to: ACWC Mumbai/ ACWC Chennai/ CWC Ahmedabad/ CWC Thiruvananthapuram/MC Goa

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

Today
13/12/2022



Tomorrow
14/12/2022



15/12/2022



16/12/2022

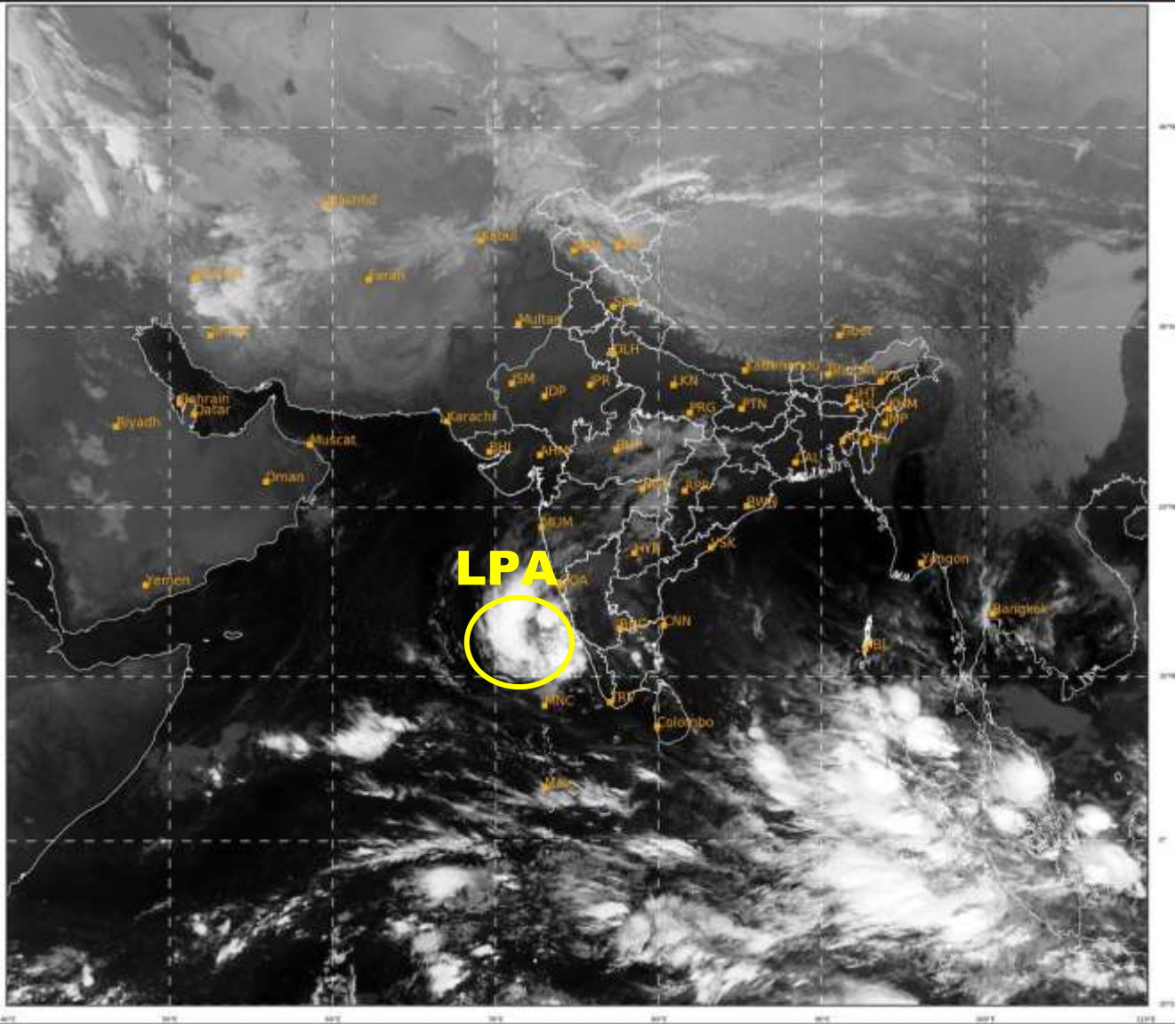


17/12/2022



SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator

13-12-2022/(0300 to 0327) GMT
13-12-2022/(0830 to 0857) IST



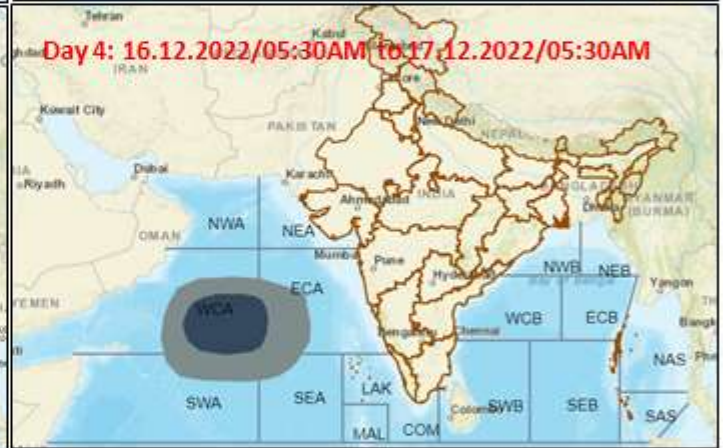
504

937

IMD, DELHI

LPA: LOW PRESSURE AREA

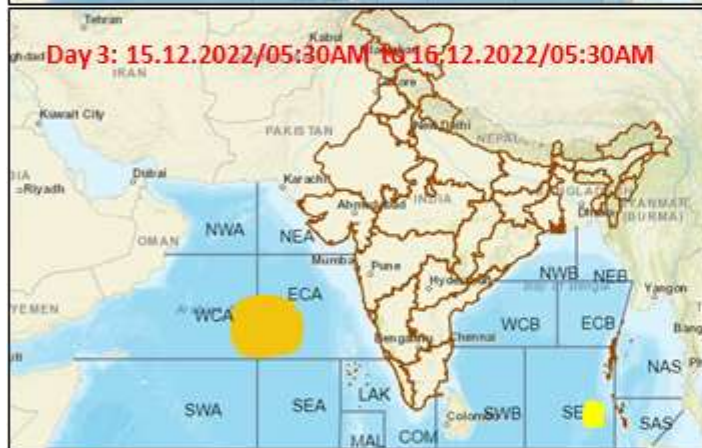
Fishermen warning graphics



- Squally WX with wind speed 35-45 kmph gusting to 55 kmph
- Squally WX with wind speed 45-55 kmph gusting to 65 kmph
- Squally wind speed 45-55 kmph gusting to 65 kmph

Fishermen are advised not to venture into the marked areas.

Probability of exceedance of maximum sustained winds ≥ 45 kmph



	Probability of exceedance
	Low (1-33%)
	Moderate (34-67%)
	High (68-100%)