



Government of India  
Ministry of Earth Sciences



India Meteorological Department

## PRESS RELEASE-1(modified)

Time of issue: 1500 hours IST

Dated: 11-05-2021

**Sub: Likely formation of a Cyclonic Storm over east central Arabian Sea around 16<sup>th</sup> May 2021**

A low pressure area is very likely to form over southeast Arabian Sea around 14<sup>th</sup> May morning. It is very likely to move north-northwestwards across southeast Arabian Sea and adjoining Lakshadweep area and intensify gradually. It may intensify into a Cyclonic Storm over east central Arabian Sea around 16<sup>th</sup> May and continue to move north-northwestwards.

### Warnings:

#### (i) Rainfall:

- **Lakshadweep Islands:** Light to moderate rainfall at most places with heavy falls at isolated places on 13<sup>th</sup> May and heavy to very heavy falls at isolated places very likely on 14<sup>th</sup> May. The intensity is likely to further increase and very heavy falls at a few places and extremely heavy falls at isolated places very likely on 15<sup>th</sup> May.
- **Kerala:** Light to moderate rainfall at most places with heavy to very heavy falls at isolated places very likely over Kerala on 14<sup>th</sup> & 15<sup>th</sup> May.
- **Tamil Nadu:** Light to moderate rainfall at a few places with heavy falls at isolated places very likely over south Tamil Nadu on 14<sup>th</sup> May & at many places with heavy to very heavy falls at isolated places over Ghat districts of Tamil Nadu on 15<sup>th</sup> May.
- **Karnataka:** Light to moderate rainfall at many places with heavy falls at isolated places very likely over coastal & adjoining Ghat areas of south interior Karnataka on 14<sup>th</sup> May & very heavy falls at isolated places on 15<sup>th</sup> May.

#### (ii) Wind warning

- Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over southeast Arabian Sea and adjoining Lakshadweep – Maldives area and equatorial Indian Ocean from 14<sup>th</sup> May morning. It is very likely to increase gradually becoming 50- 60 kmph gusting to 70 kmph over the same region from 15<sup>th</sup> morning.
- It is likely to increase gradually becoming Gale wind speed reaching 60 – 70 kmph gusting to 80 kmph over east-central Arabian Sea and adjoining southeast Arabian Sea and Lakshadweep area from 16<sup>th</sup> May morning.
- Squally wind speed reaching 40-50 kmph gusting to 60 kmph likely along & off Kerala coast on 14<sup>th</sup> May and 45-55 kmph gusting to 65 kmph along & off Kerala - Karnataka coasts on 15<sup>th</sup> & 16<sup>th</sup> May.
- Squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely to prevail over Comorin-Maldives area during 14<sup>th</sup> – 15<sup>th</sup> May.
- Squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely to prevail along & off Maharashtra-Goa coasts on 16<sup>th</sup> May.

#### (iii) Sea condition

- Sea conditions over southeast Arabian Sea and adjoining Lakshadweep - Maldives area & equatorial Indian Ocean will be rough to very rough on 14<sup>th</sup> & 15<sup>th</sup> May.

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Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%

Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

- Sea condition over eastcentral Arabian Sea will be very rough to high on 16<sup>th</sup> May.
- Sea conditions will be rough to very rough over Comorin area and along & off Kerala coast on 14<sup>th</sup> & 15<sup>th</sup> and over eastcentral Arabian Sea along & off Karnataka coast on 15<sup>th</sup> May and Maharashtra – Goa coasts on 16<sup>th</sup> May.

**(iv) Tidal wave Warning**

- Tidal wave of about 1 meter height above the astronomical tide is very likely to inundate low lying areas of Lakshadweep Islands on 15<sup>th</sup> & 16<sup>th</sup> May.

**(v) Fishermen Warning**

- Fishermen out in the Deep Sea are advised to return to coast by 14<sup>th</sup> May.
- The fishermen are advised not to venture into southeast Arabian Sea, **Lakshadweep – Maldives areas from 13<sup>th</sup> May**, east central Arabian Sea along & off Karnataka coast from 14<sup>th</sup> May and into eastcentral Arabian Sea and along & off Maharashtra – Goa coasts from 15<sup>th</sup> May.

**Fig.1** indicates the area for which Fishermen warnings are issued based on the forecasts pertaining to today's mid-day bulletin.

The development of this system is being closely monitored and concerned state governments are being informed regularly.

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

