



Government of India
Ministry of Earth Sciences



India Meteorological Department

PRESS RELEASE - 2

Time of issue: 1300 hours IST

Dated: 17 -10-2020

Sub: Depression over eastcentral & adjoining northeast Arabian Sea

Yesterday's well marked low pressure area over eastcentral Arabian Sea off North Maharashtra coast moved west-northwestwards, concentrated into a depression and lay centred in the morning (0830 hrs IST) of today, the 17th October, 2020 over eastcentral & adjoining northeast Arabian Sea near latitude 17.8°N and longitude 69.0°E, about 380 km south-southwest of Veraval (Saurashtra – Gujarat), 440 km west-northwest of Mumbai and 1600 km east-northeast of Salalah (Oman).

It is very likely to move nearly westwards during next 48 hours and weaken gradually thereafter.

As the system is very likely to move away from the Indian coast no adverse weather associated with this system is likely over the west coast of India. However, Fishermen warning prevails over central and north Arabian Sea as specified below.

Warnings:

(i) Rainfall

- ✓ Light to moderate rainfall at a few places very likely over coastal Districts of Saurashtra & Kutch during next 24 hours.

(ii) Wind warning

- ✓ Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail over eastcentral and adjoining northeast Arabian Sea; 25-35 kmph gusting to 45 kmph along & off south Gujarat and north Maharashtra coasts during next 24 hours.
- ✓ Squally wind speed reaching 45-55 kmph gusting to 65 kmph likely to prevail over central and adjoining northwest Arabian Sea on 18th October.

(iii) Sea condition

Sea condition will be rough to very rough over eastcentral & adjoining northeast Arabian Sea on 17th October and over central & northwest Arabian Sea on 18th October; rough along & off south Gujarat and north Maharashtra coasts on 17th October.

(iv) Fishermen Warning

- ✓ Fishermen are advised not to venture into eastcentral & adjoining northeast Arabian Sea on 17th October and over central & northwest Arabian Sea on 18th October.

The system is under continuous surveillance and the concerned state governments are being informed regularly.

For details kindly visit www.rsmcnewdelhi.imd.gov.in, www.imd.gov.in

Contact: Cyclone Warning Division, Office of the Director General of Meteorology,
India Meteorological Department, Ministry of Earth Sciences.

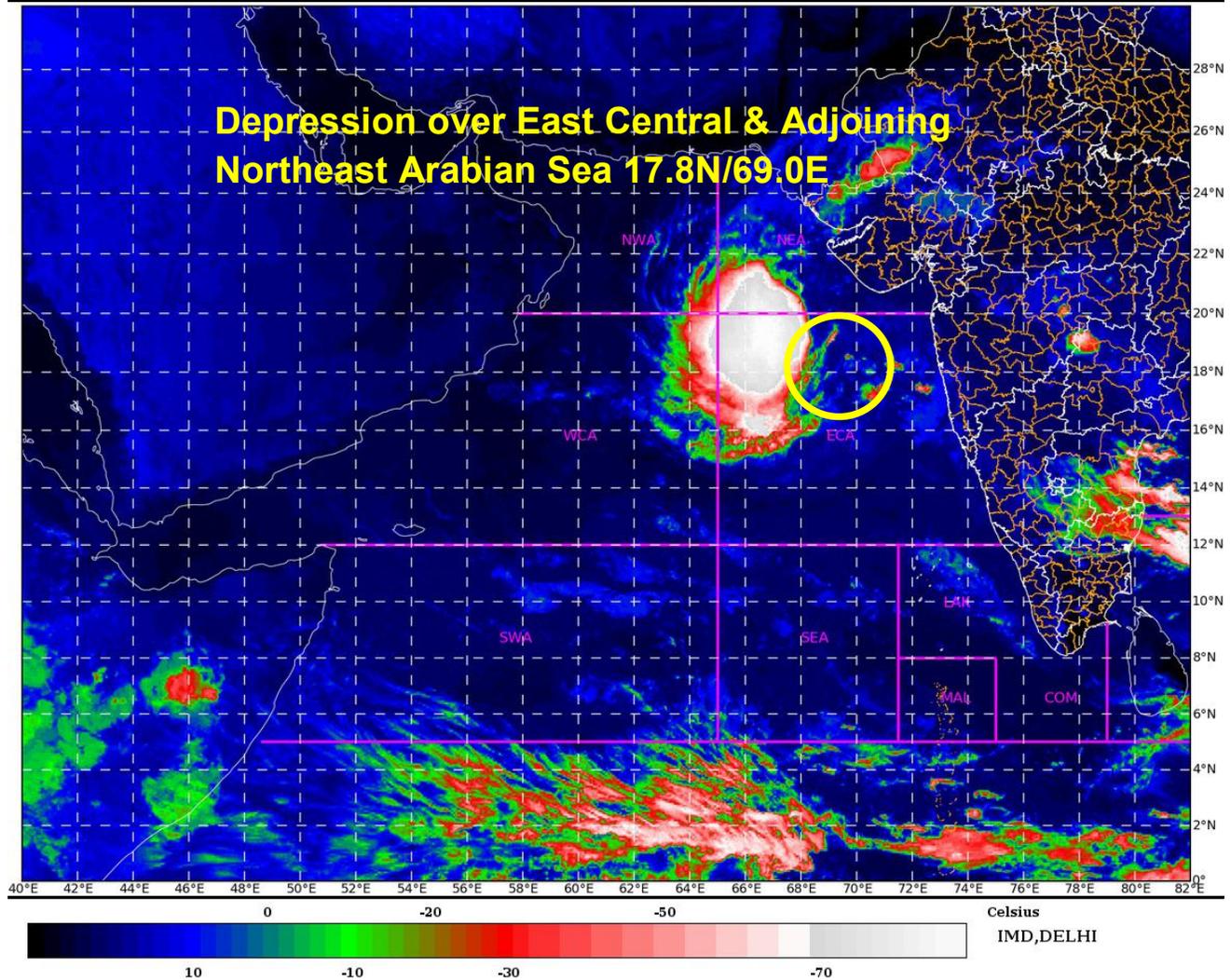
Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220, E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in

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.

SAT : INSAT-3D IMG
IMG_TIR1_TEMP 10.8 um
ARABIAN_SEA

17-10-2020/(0400 to 0427) GMT
17-10-2020/(0930 to 0957) IST



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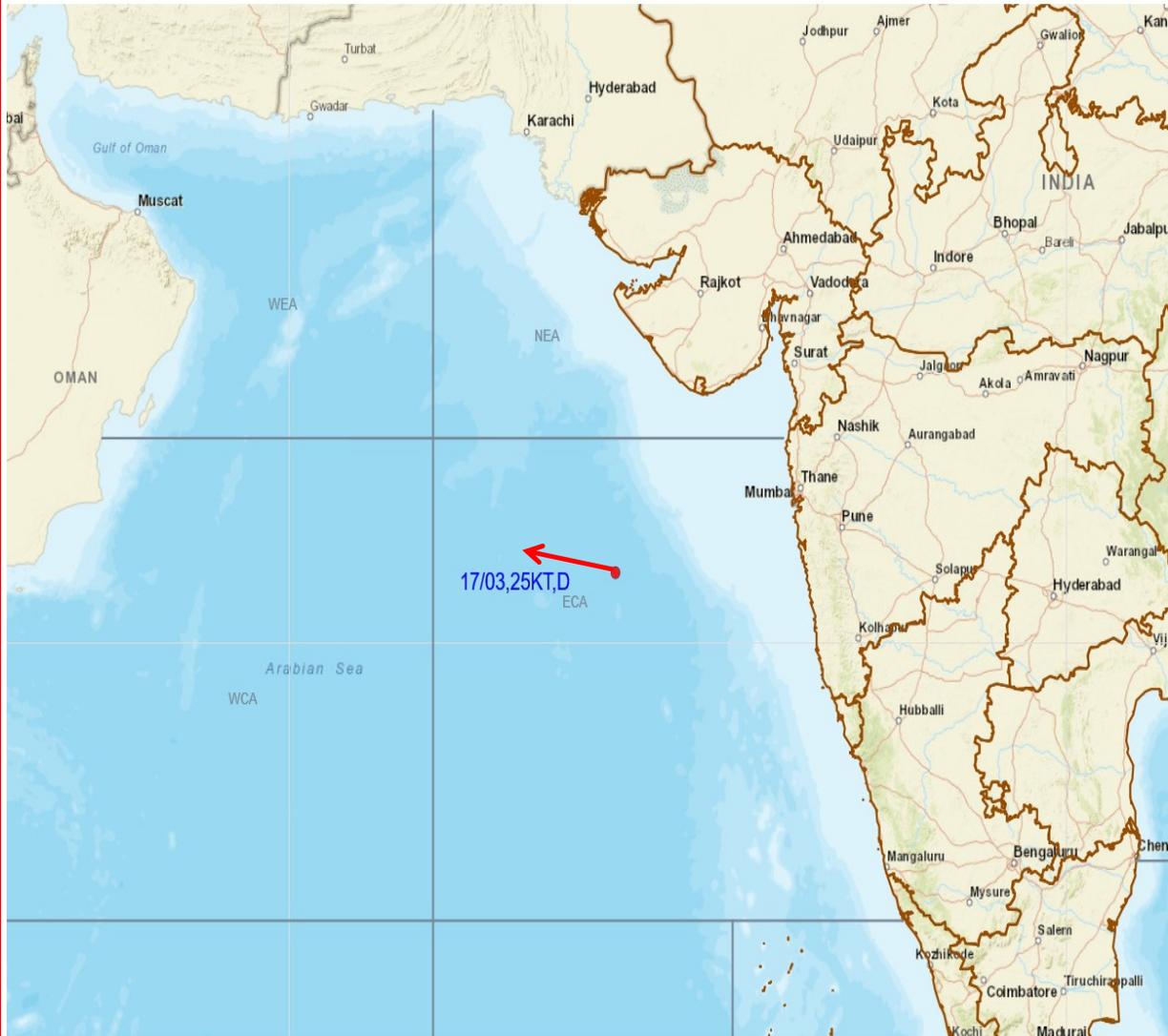
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**OBSERVED AND FORECAST TRACK OF DEPRESSION OVER EASTCENTRAL
AND ADJOINING NORTHEAST ARABIAN SEA BASED ON 0300UTC OF
17TH OCT, 2020**



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)

SCLS: 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

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