



India Meteorological Department
Earth System Science Organisation
(Ministry of Earth Sciences)

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

TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23092398/23093750)

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 (23421101, 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)

CHIEF SECRETARY, KERALA (FAX NO. 0471-2327176)

ADMINISTRATOR, LAKSHADWEEP ISLANDS (FAX NO. 0413-262184)

ADMINISTRATOR, UNION TERRITORY OF DAMAN & DIU (0260-2230775)

ADMINISTRATOR, UNION TERRITORY OF DADRA NAGAR HAVELI (0260-2230775)

CHIEF SECRETARY, KARNATAKA (FAX NO. 080-22258913)

CHIEF SECRETARY, GOA (FAX NO. 0832-2415201)

CHIEF SECRETARY, MAHARASHTRA (FAX NO. 022- 22028594)

CHIEF SECRETARY, GUJARAT (FAX NO. 079-23250305)

CHIEF SECRETARY, DAMAN & DIU (FAX NO. 0260-2230775)

CHIEF SECRETARY, DADRA & NAGAR HAVELI (FAX NO. 0260-2645466)

Sub: (1) Depression over Eastcentral and adjoining Southeast Arabian Sea: Pre-Cyclone Watch for north Maharashtra - south Gujarat coasts

(2) Well Marked Low over south coastal Oman and adjoining Yemen

(1) The well marked low pressure area over Southeast and adjoining Eastcentral Arabian Sea & Lakshadweep area concentrated into a **Depression** over Eastcentral and adjoining Southeast Arabian Sea and lay centred at 0530 hours IST of today the 1st June, 2020 near latitude 13.0°N and longitude 71.4°E about 370 km southwest of Panjim (Goa), 690km south-southwest of Mumbai (Maharashtra) and 920 km south-southwest of Surat (Gujarat). It is very likely to intensify into a Deep Depression over Eastcentral and adjoining Southeast Arabian Sea during next 12 hours and **intensify further into a Cyclonic Storm over Eastcentral Arabian Sea during the subsequent 24 hours**. It is very likely to move nearly northwards initially till 02nd June Morning and then recurve north-northeastwards and cross north Maharashtra and south Gujarat coasts between Harihareshwar (Raigad, Maharashtra) and Daman during evening/ night of 3rd June .

Forecast track and intensity are given in the following table:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
01.06.20/0530	13.0/71.4	40-50 gusting to 60	Depression
01.06.20/1130	13.3/71.2	45-55 gusting to 65	Depression
01.06.20/1730	13.7/71.0	50-60 gusting to 70	Deep Depression
01.06.20/2330	14.2/70.9	55-65 gusting to 75	Deep Depression
02.06.20/0530	14.9/70.8	60-70 gusting to 80	Cyclonic Storm
02.06.20/1730	15.7/70.9	80-90 gusting to 100	Cyclonic Storm
03.06.20/0530	17.0/71.4	90-100 gusting to 110	Severe Cyclonic Storm
03.06.20/1730	18.4/72.2	105-115 gusting to 125	Severe Cyclonic Storm
04.06.20/0530	19.6/72.9	95-105 gusting to 115	Severe Cyclonic Storm
04.06.20/1730	20.8/73.5	60-70 gusting to 80	Cyclonic Storm

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.

(2) The **Depression** over south coastal Oman and adjoining Yemen remained practically stationary weakened into a well marked low pressure area and lay centred at 0530 hrs IST of today, the 1st June, 2020 over the same region. It is very likely to weaken further gradually into a low pressure area during next 24 hours.

Warnings:

(i) Rainfall:

Under the influence of the Depression, light to moderate rainfall at most places with isolated heavy falls very likely over Lakshadweep area, north Kerala and coastal Karnataka, today the 1st June. Light to moderate rainfall at most places with isolated heavy to very heavy falls at isolated places very likely over south Konkan & Goa on 01st June. Light to moderate rainfall at most places with isolated heavy to very heavy falls very likely over Konkan & Goa on 02nd June and over south Konkan & Goa on 03rd June.

Light to moderate rainfall at most places with heavy to very heavy falls at a few places and extremely heavy falls at isolated places over north Konkan and north Madhya Maharashtra on 03rd & 04th June.

Light to moderate rainfall at most places with isolated heavy to very heavy falls very likely over south Gujarat state, Daman, Diu, Dadra & Nagar Haveli on 03rd June and with heavy to very heavy falls at a few places and extremely heavy falls at isolated places over south Gujarat state, Daman, Diu, Dadra & Nagar Haveli and on 04th June.

(ii) Wind warning

Squally wind, speed reaching 40-50 kmph gusting to 60 kmph, is prevailing over Eastcentral and adjoining southeast Arabian Sea. It is very likely to become 50-60 kmph gusting to 70kmph over Eastcentral and adjoining southeast Arabian Sea during next 48 hours. It will gradually increase becoming Gale wind speed reaching 60-70 kmph gusting to 80 kmph over eastcentral Arabian Sea and along and off south Maharashtra coast from 2nd June morning and further becoming 105-115 kmph gusting to 125 kmph over eastcentral and northeast Arabian Sea along & off Maharashtra coast and 80-90 kmph gusting to 100 kmph along & off south Gujarat coast from 3rd June evening.

Squally wind, speed reaching 50-60 kmph gusting to 70 kmph is likely prevail over eastcentral Arabian Sea along and off Karnataka-Goa coasts during next 48 hours.

Squally wind, speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over Lakshadweep area and along & off Kerala coast during next 48 hours.

(iii) Sea condition

The Sea condition is very likely to be rough to very rough over Eastcentral & adjoining Southeast Arabian Sea during next 48 hours. It would become very rough to High over eastcentral & southeast Arabian Sea and along & off Karnataka-Goa coasts during next 48 hours. It will be High to very High over Eastcentral Arabian Sea along and off Maharashtra coast from 2nd June.

The Sea condition is very likely to be very rough to High over northeast Arabian Sea along & off Gujarat coast from 3rd June.

(iv) Fishermen Warning

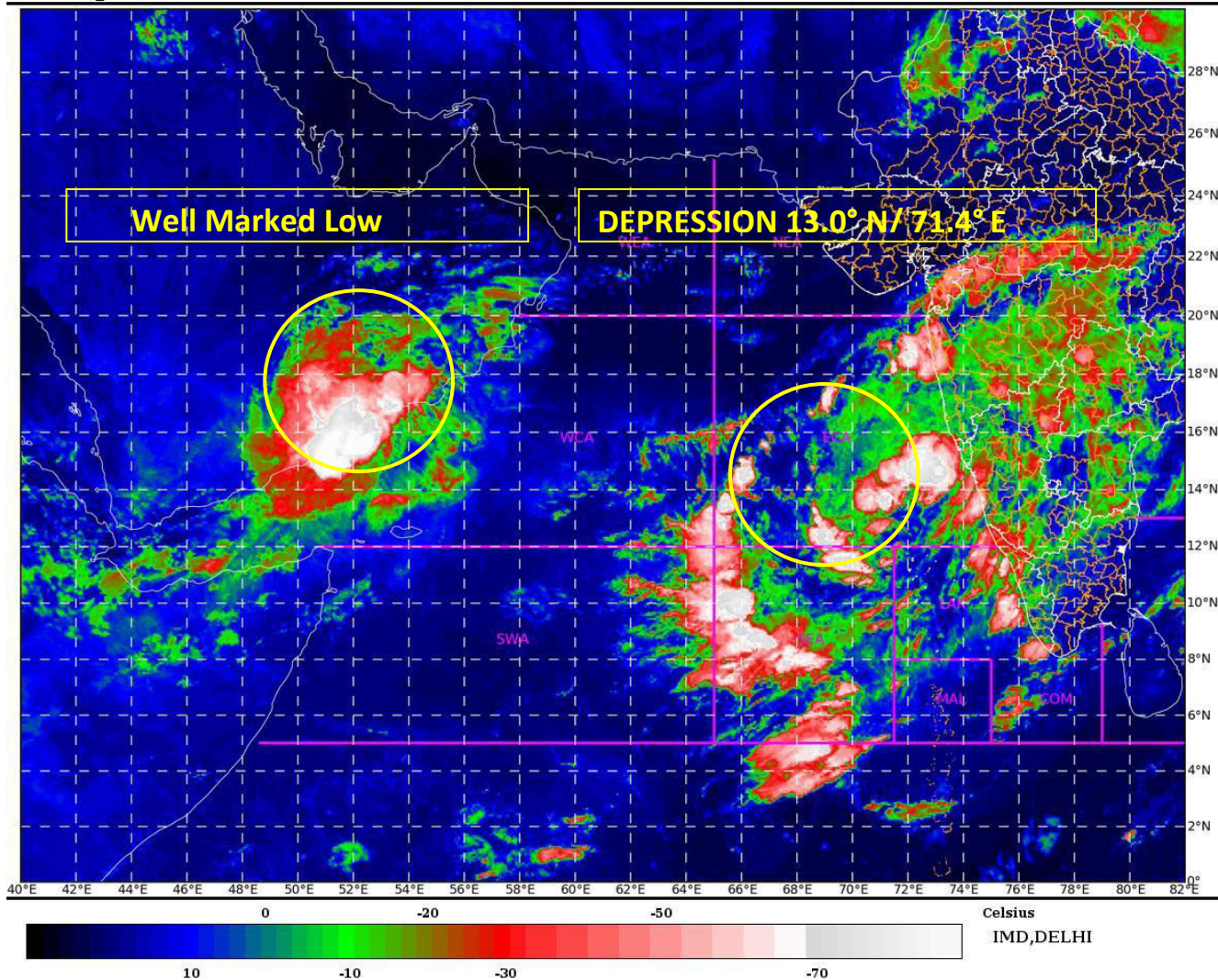
Fishermen are advised not to venture into southeast Arabian Sea, Lakshadweep area and along & off Kerala coast during next 48 hours; eastcentral Arabian Sea and along & off Karnataka-Goa coasts till 3rd June; eastcentral Arabian Sea along & off Maharashtra coast and northeast Arabian Sea along & off Gujarat coast during 3rd – 4th June.

The next bulletin will be issued at 1130 hrs IST of today, the 1st June, 2020.

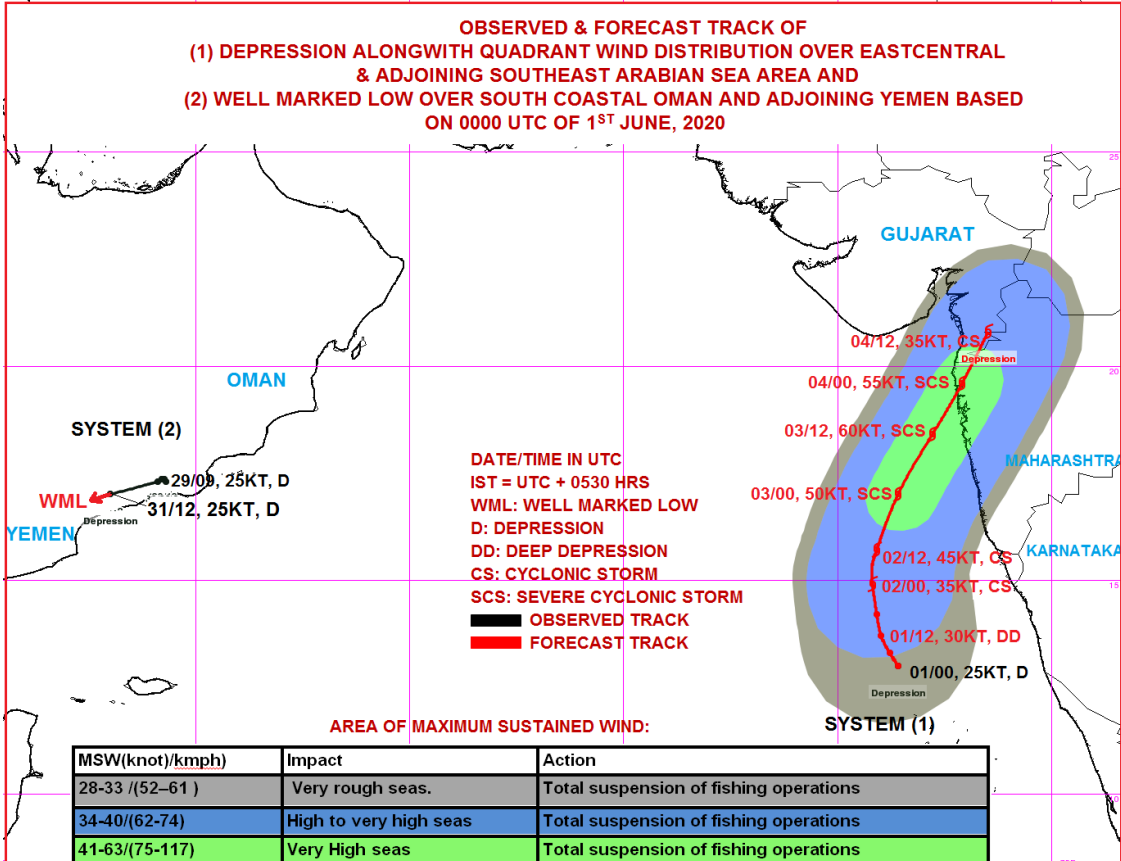
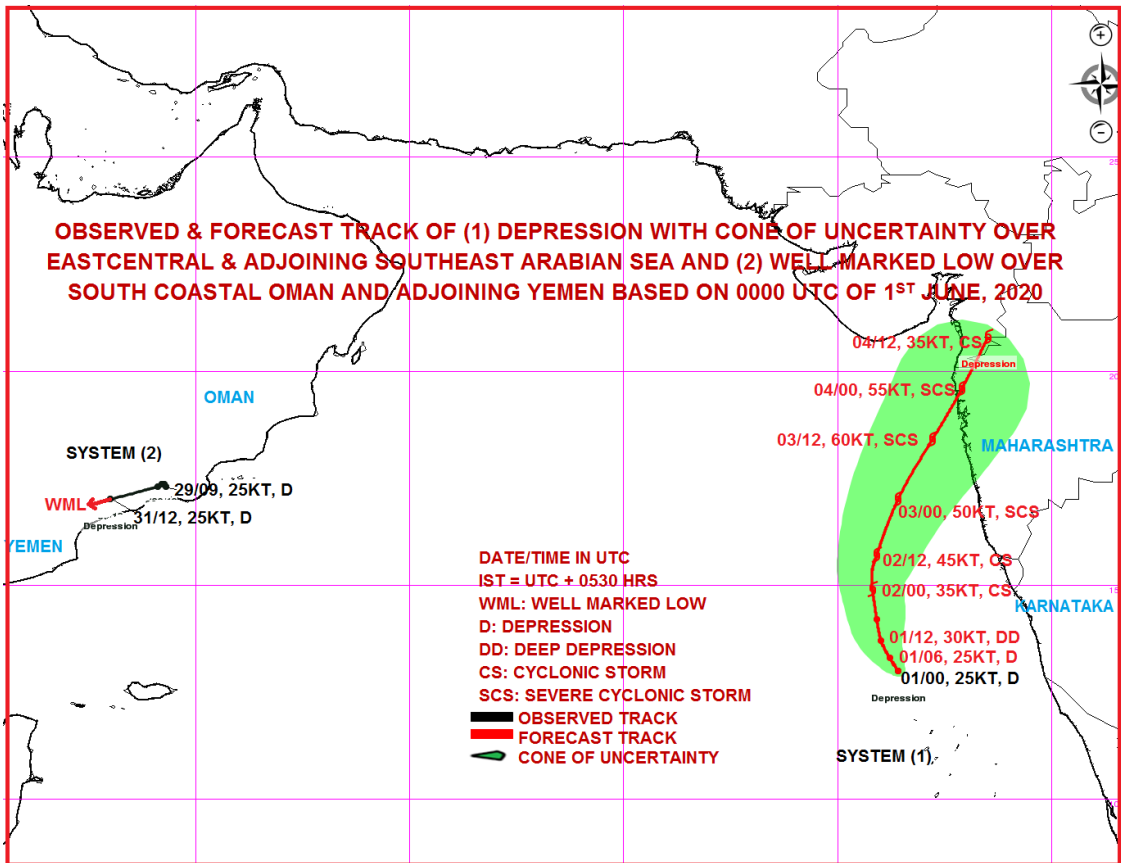
**(Ananda Kumar Das)
Scientist-E, RSMC, New Delhi**

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

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