



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

NATIONAL BULLETIN NO. 6 (AS/02/2023)

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Sub: A) Depression over south Konkan weakened into a Well Marked Low Pressure Area over south Madhya Maharashtra

B) Well marked low pressure area over western parts of Gangetic Bengal and adjoining Jharkhand

A) Depression over south Konkan weakened into a Well Marked Low Pressure Area over south Madhya Maharashtra and neighbourhood

The depression over south Konkan moved northeastwards and weakened into a Well Marked Low Pressure Area over south Madhya Maharashtra & neighbourhood at 0830 hours IST of today, the 1st October, 2023. It is very likely to move further northeastwards and weaken into a Low Pressure Area during next 12 hours.

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.

Warnings:

(i) Rainfall

South Madhya Maharashtra, South Konkan & Goa:

Light/moderate rainfall at most places with heavy to very heavy rainfall is very likely at isolated places on 1st October, 2023.

North Konkan and Coastal Karnataka:

Light/moderate rainfall at most places with heavy rainfall at isolated places is very likely on 1st October, 2023.

(ii) Wind warning:

Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over Eastcentral Arabian Sea along & off Maharashtra-Goa-Karnataka coasts till evening of 1st October and gradually decrease thereafter.

(iii) Sea condition

Rough to very rough sea condition is very likely over Eastcentral Arabian Sea along & off Maharashtra-Goa-Karnataka coasts till evening of 1st October and gradually improve thereafter.

(iv) Fishermen Warning (warning graphics enclosed)

Fishermen are advised not to venture into Eastcentral Arabian Sea along & off Maharashtra-Goa-Karnataka coasts till evening of 1st October, 2023.

B) Well marked low pressure area over western parts of Gangetic Bengal and adjoining Jharkhand

The **Well Marked Low Pressure Area** over southeast Jharkhand and adjoining areas of Gangetic West Bengal & north Odisha moved northwestwards and lay centered at 0830 hours IST of today, the 1st October, 2023 over western parts of Gangetic West Bengal and adjoining Jharkhand. It is likely to move further northwestwards slowly during next 24 hours.

Warnings:

(i) Rainfall

Bihar:

Light/moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely during 1st to 3rd October.

Chhattisgarh:

Light/moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely on 1st October; extremely heavy rainfall at isolated places on 2nd and heavy rainfall at isolated places on 3rd October.

Jharkhand & Odisha:

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.

Light/moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely on 1st and 2nd and heavy rainfall at isolated places on 3rd October.

Sub-Himalayan West Bengal & Sikkim:

Light/moderate rainfall at most places with heavy rainfall at isolated places is very likely on 1st and 2nd and heavy to very heavy rainfall at isolated places on 3rd October.

Gangetic West Bengal:

Light/moderate rainfall at most places with heavy rainfall at isolated places is very likely during 1st to 3rd October

(ii) Wind warning:

Squally wind speed reaching 35-45 kmph gusting to 55 kmph is prevailing and likely over North Bay of Bengal along & off North Odisha -West Bengal and adjoining Bangladesh coasts on 1st October.

(iii) Sea condition

Rough sea condition is very likely over North Bay of Bengal along & off North Odisha - West Bengal and adjoining Bangladesh coasts on 1st October, 2023.

(iv) Fishermen Warning (warning graphics enclosed)

Fishermen are advised not to venture into North Bay of Bengal along & off North Odisha - West Bengal and adjoining Bangladesh coasts on 1st October, 2023.

This is the last update in association with both the systems, however regular bulletin shall continue from National Weather Forecasting Center/Regional Weather Forecasting Centres/Meteorological Centres in association with both the systems.

(Ananda Kumar Das)
Scientist F, Cyclone Warning, New Delhi

Copy to: ACWC Mumbai/ACWC Kolkata/ ACWC Chennai/CWC Ahmedbad/ CWC Bhubaneswar/CWC Visakhapatnam/ CWC Thiruvanthapuram

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OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTH MADHYA MAHARASHTRA AND NEIGHBOURHOOD AND LOCATION OF WELL MARKED LOW PRESSURE AREA OVER WESTERN PARTS OF GANGETIC WEST BENGAL AND ADJOINING JHARKHAND BASED ON 0300 UTC (0830 IST) OF 01ST OCTOBER, 2023.



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)

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

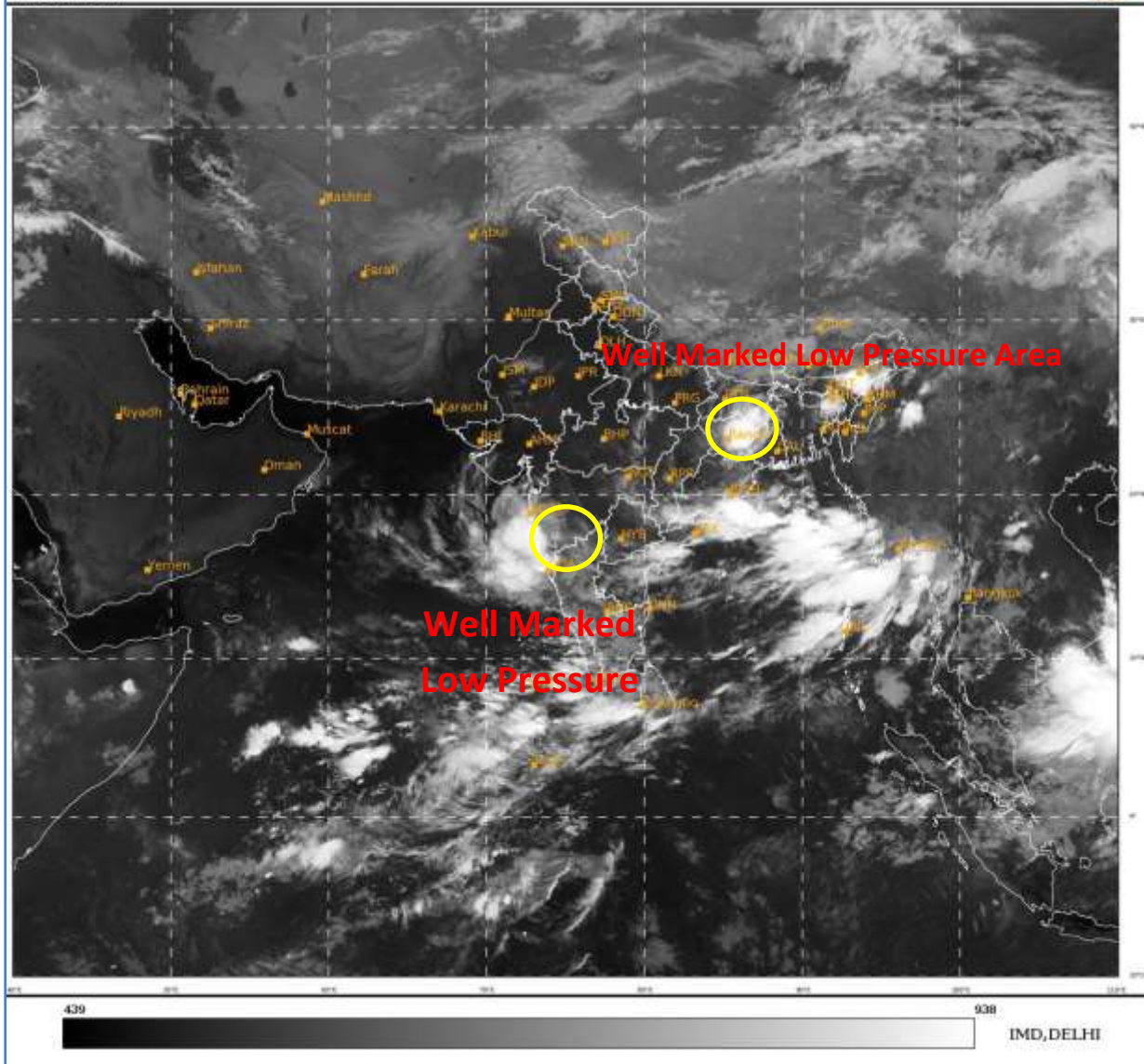
▲ CONE OF UNCERTAINTY

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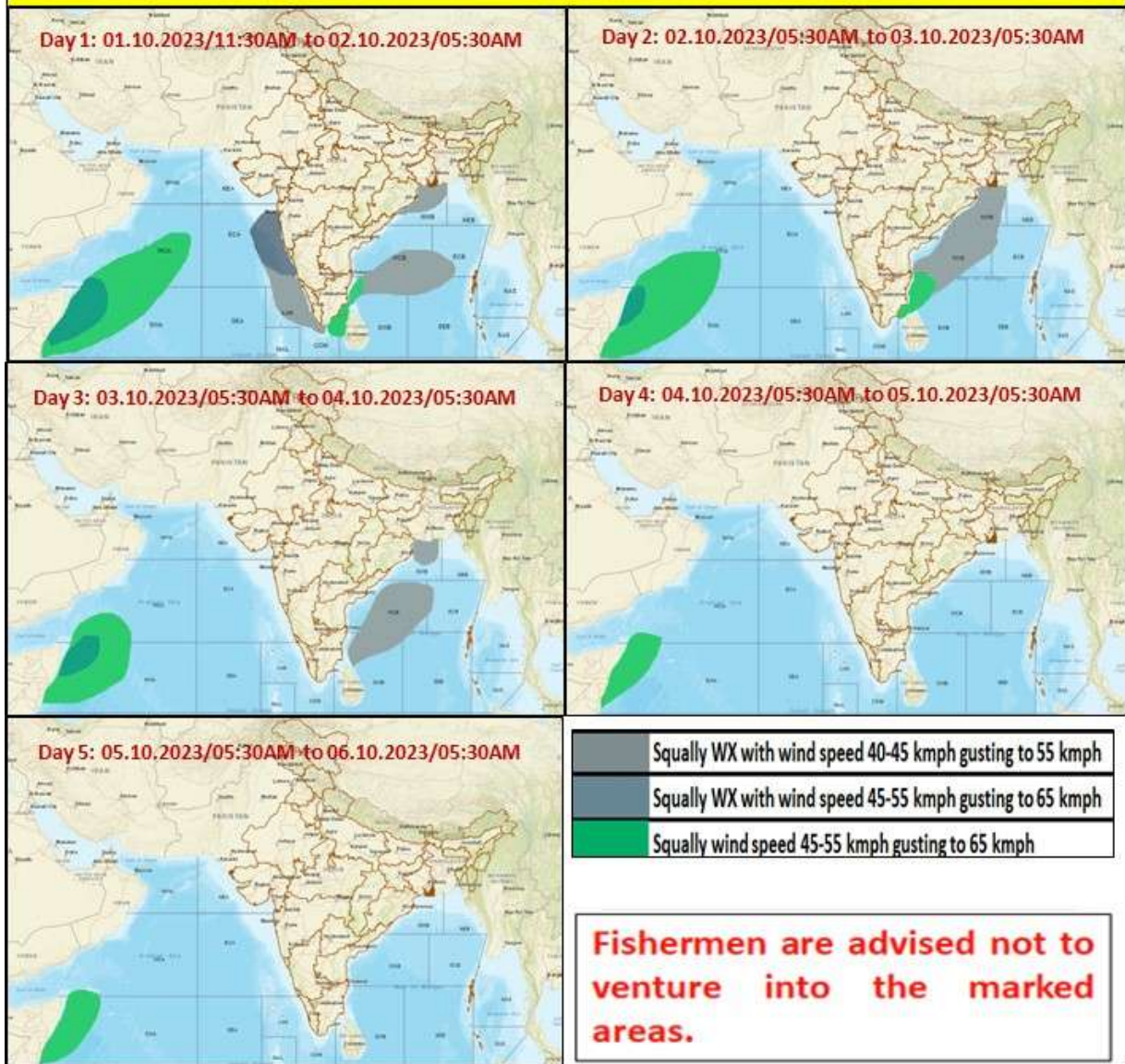
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

01-10-2023/(0145 to 0212) GMT
01-10-2023/(0715 to 0742) IST



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



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