



India Meteorological Department
(Ministry of Earth Sciences)
BULLETIN NO. : 36 (BOB/05/2020)

TIME OF ISSUE: 1400 HOURS IST

DATED: 05.12.2020

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

TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 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 (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, KARNATAKA (FAX NO. 080-22256360, 22258913)
CHIEF SECRETARY, KERALA (FAX NO. 0471-233315)
CHIEF SECRETARY, LAKSHADWEEP ISLANDS (FAX NO. 04896-262184)
CHIEF SECRETARY, ANDAMAN & NICOBAR ISLANDS (FAX NO. 03192- 232656)
CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)
CHIEF SECRETARY, TAMIL NADU (FAX NO. 044-25672304)
CHIEF SECRETARY, PUDUCHERRY (FAX NO. 0413-2337575, 2334145)

Sub: Depression weakened into Well Marked Low Pressure Area over Gulf of Mannar

The Depression over Gulf of Mannar close to Ramanathapuram District coast remained practically stationary, weakened into a Well Marked Low Pressure Area and lay centered over Gulf of Mannar at 1130 hrs IST of today, the 05th December. The associated wind speed is about 30-40 gusting to 50 kmph.

Warnings:

(i) Rainfall

- Heavy to very heavy rainfall at isolated places very likely over Tamilnadu & Puducherry on 05th & 06th December.
- Heavy rainfall at isolated places over south Kerala & Mahe on 05th and heavy to very heavy rainfall at isolated places very likely over Kerala on 06th December.
- Heavy to very heavy rainfall at isolated places very likely over Lakshadweep on 05th & 06th December.

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.

Sub-Divisions	05 Dec 2020*	06 Dec 2020*
Tamilnadu, Puducherry & Karaikal	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very heavy falls at isolated places
South Kerala	Rainfall at most places with heavy falls at isolated places	Rainfall at most places with heavy to very heavy falls at isolated places
North Kerala & Mahe	Rainfall at many places	Rainfall at most places with heavy to very heavy falls at isolated places
Lakshadweep	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy to very heavy falls at isolated places

(ii) Wind warning

- Squally wind speed reaching 30-40 kmph gusting to 50 kmph is very likely over Gulf of Mannar & adjoining southwest Bay of Bengal, along & off south Tamilnadu coast (Ramanathapuram, Thoothukudi, Tirunelveli and Kanniyakumari districts) during next 12 hours.
- Squally wind speed reaching 35-45 kmph gusting to 55 kmph very likely over Lakshadweep-Maldives & Comorin area, southeast Arabian Sea and along & off south Kerala coast on 5th and 6th December.

(iii) Sea condition

- Sea condition will be rough to very rough over Gulf of Mannar & adjoining southwest Bay of Bengal, along & off south Tamilnadu coast (Ramanathapuram, Thoothukudi, Tirunelveli and Kanniyakumari districts) on 5th December and improve thereafter.
- Sea condition will be rough to very rough over Lakshadweep-Maldives & Comorin area, southeast Arabian Sea and along & off south Kerala coast on 5th and 6th December.

(iv) Fishermen warning and Action suggested

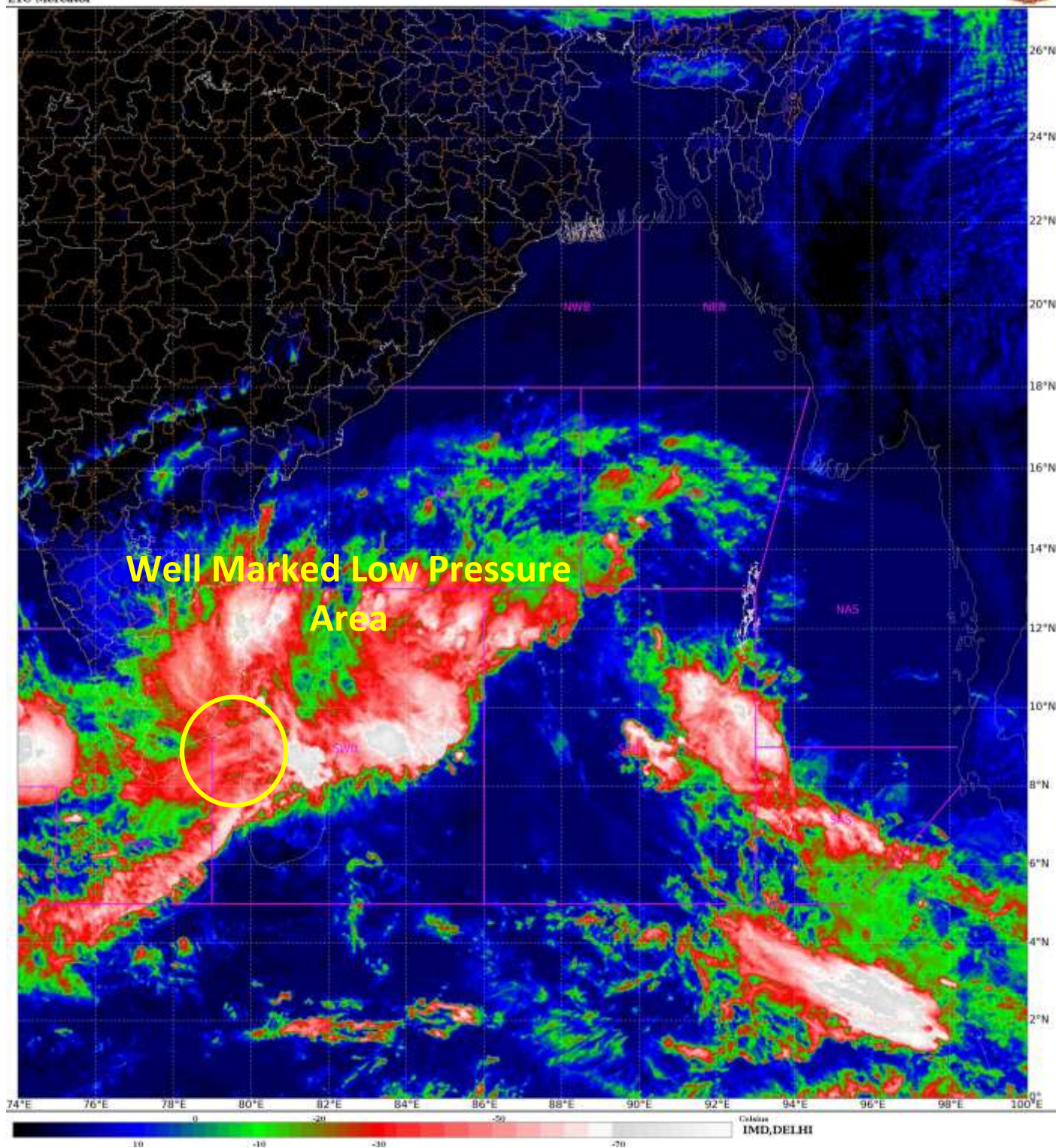
- Fishermen are advised not to venture into Gulf of Mannar & adjoining southwest Bay of Bengal, along & off south Tamilnadu coast on 5th.
- Fishermen are advised not to venture into Lakshadweep-Maldives & Comorin area, southeast Arabian Sea and along & off south Kerala coast on 5th and 6th December.

This is the last Bulletin pertaining to this System. However, Regular weather Bulletins will continue from the National Weather Forecasting Centre, New Delhi, RMC Chennai and MC Thiruvananthapuram in association with the Low Pressure System.

(Krishna Mishra)
Scientist-C, RSMC, New Delhi

Copy to: ACWC Kolkata/Chennai/CWC Bhubaneswar/CWC Visakhapatnam/CWC Thiruvananthapuram

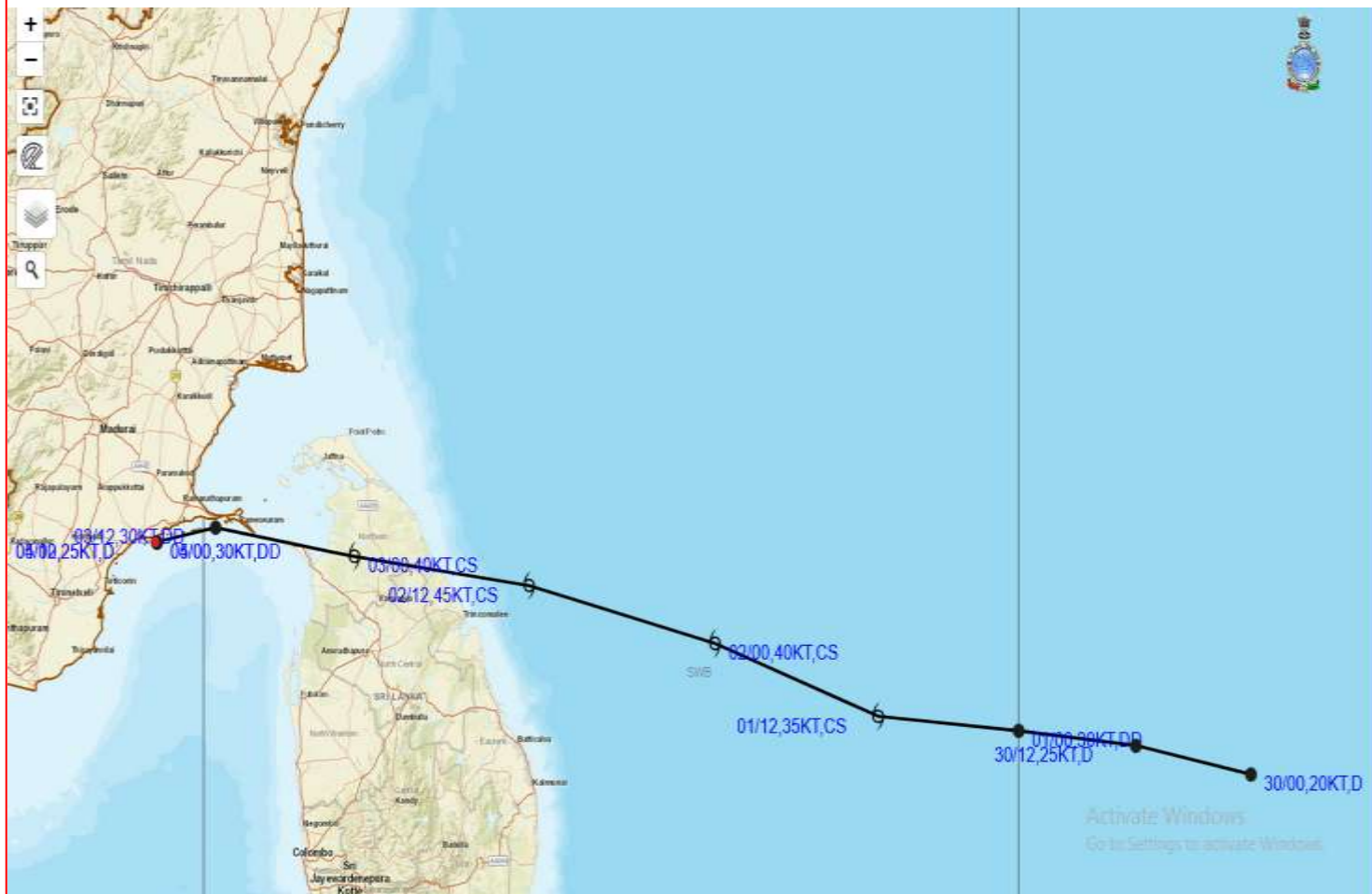
Spatial rainfall distribution: Isolated: ≤25%, A few: 26-50%, Many: 51-75%, Most: 76-100%
Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.



Spatial rainfall distribution: Isolated: $\leq 25\%$, 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.



OBSERVED TRACK OF CYCLONIC STORM BUREVI OVER BAY OF BENGAL DURING 30TH NOVEMBER - 05TH DECEMBER, 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)

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

Spatial rainfall distribution: Isolated: $\leq 25\%$, 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.