



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

NATIONAL BULLETIN NO. 17 (ARB/03/2022)

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Sub: (A) Depression weakened into a Well Marked Low Pressure Area over Westcentral Arabian Sea

(B) Low pressure area over Southeast Bay of Bengal & adjoining areas of East Equatorial Indian Ocean

(A) Depression weakened into a Well Marked Low Pressure Area over Westcentral Arabian Sea

The Depression over Westcentral Arabian Sea moved west-southwestwards and weakened into a well marked low pressure area at 1730 hrs IST of today, the 17th December 2022 over the same region. It is very likely to move west-southwestwards and weaken further over the same region.

Warnings:

(i) Wind warning (warning graphics enclosed)

- **Westcentral and Southwest Arabian Sea: Squally weather with wind speed reaching 25-35 kmph gusting to 45 kmph is likely to prevail during next 12 hours.**

(ii) Sea Condition

❖ **Westcentral and Southwest Arabian Sea: Sea Condition** is likely to be moderate to rough during next 12 hours and improve thereafter.

(iii) Fishermen Warning

Fishermen are advised not to venture into **Westcentral & Southwest Arabian Sea** till 18th December, morning.

(B) Low pressure area over Southeast Bay of Bengal & adjoining East Equatorial Indian Ocean

The **Low Pressure Area** over Southeast Bay of Bengal & adjoining East Equatorial Indian Ocean persists over the same region at 1730 hrs IST of today, the 17th December. It is likely to move westwards slowly over South Bay of Bengal during next 48 hours.

Warnings:

(i) Wind warning:

- ❖ **Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph** is very likely over South Andaman Sea and adjoining North Andaman Sea during 17th to 19th December.
- ❖ **Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph** is likely over Southeast Bay of Bengal on 17th & 18th December.
- ❖ **Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph** is likely to prevail over central parts of South Bay of Bengal on 18th December and over Southwest Bay of Bengal, along and off Sri-Lanka coast and Gulf of Mannar on 19th & 20th December.

(ii) Sea condition: Sea condition is likely to be rough over

- ❖ South Andaman Sea and adjoining North Andaman Sea during 17th to 19th December.
- ❖ Southeast Bay of Bengal on 17th & 18th December.
- ❖ Southwest Bay of Bengal and along and off Sri-Lanka coast & Gulf of Mannar during 18th to 20th December.

(iii) Fishermen Warning (warning graphics enclosed)

Fishermen are advised not to venture into:

- ❖ South Andaman Sea & adjoining North Andaman Sea during 17th to 19th December.
- ❖ Southeast Bay of Bengal on 17th & 18th December.
- ❖ Southwest Bay of Bengal and along and off Sri-Lanka coast & Gulf of Mannar during 18th to 20th December.

This is the last bulletin in association with both the systems. However regular weather bulletins shall continue from the respective Meteorological Centres, Regional Meteorological Centres and National Weather Forecasting Centre (NWFC), New Delhi, India Meteorological Department.

(Ananda Kumar Das)

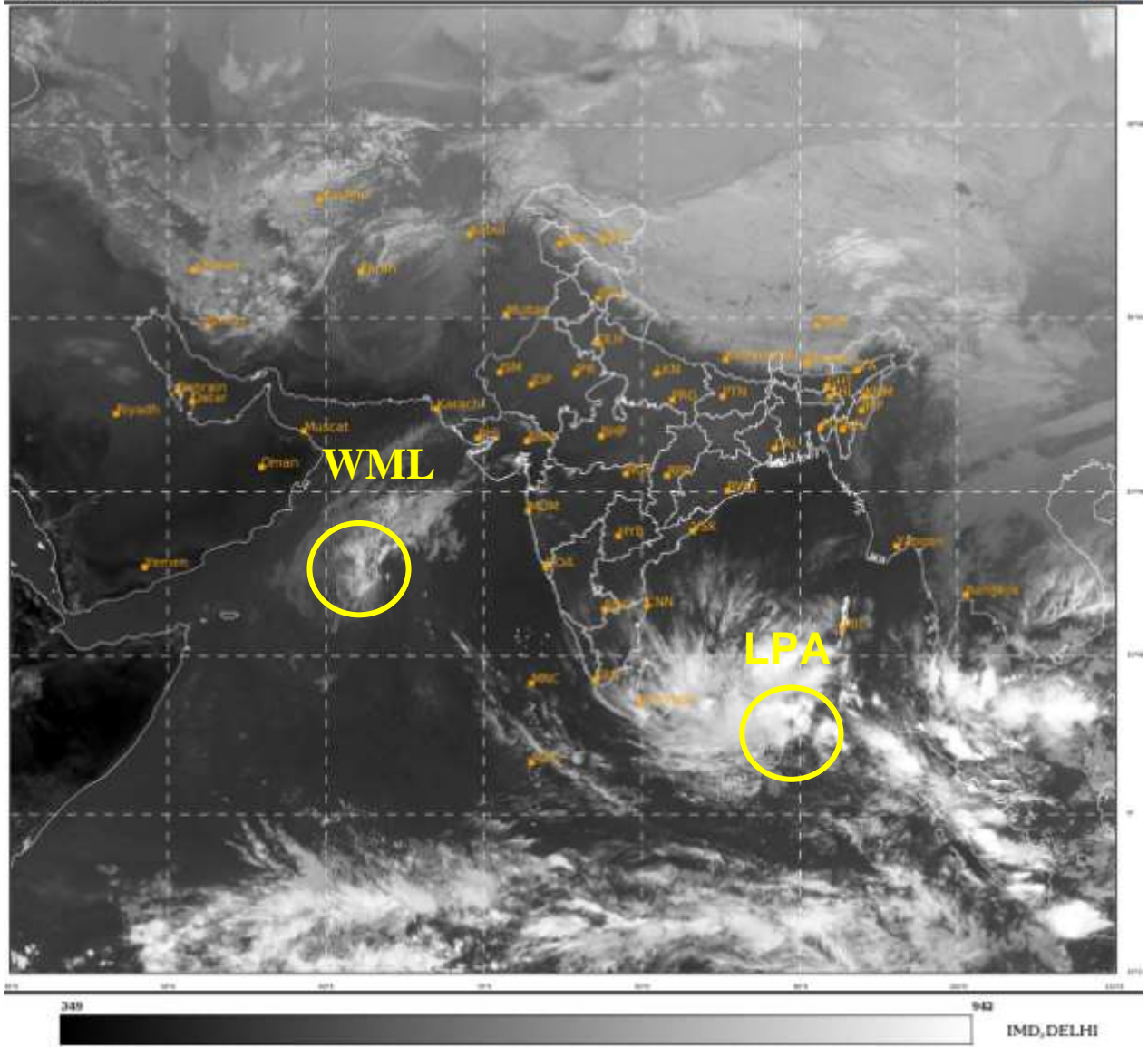
Scientist E, Cyclone Warning Division, New Delhi

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

LEGEND: Heavy Rainfall: 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total

SAT : INSAT-3DR IMG
IMC_TIR1 10.8 um
LIC Mercator

17-12-2022/(1215 to 1242) GMT
17-12-2022/(1745 to 1812) IST



WML: Well Marked Low Pressure Area







LPA: Low Pressure Area

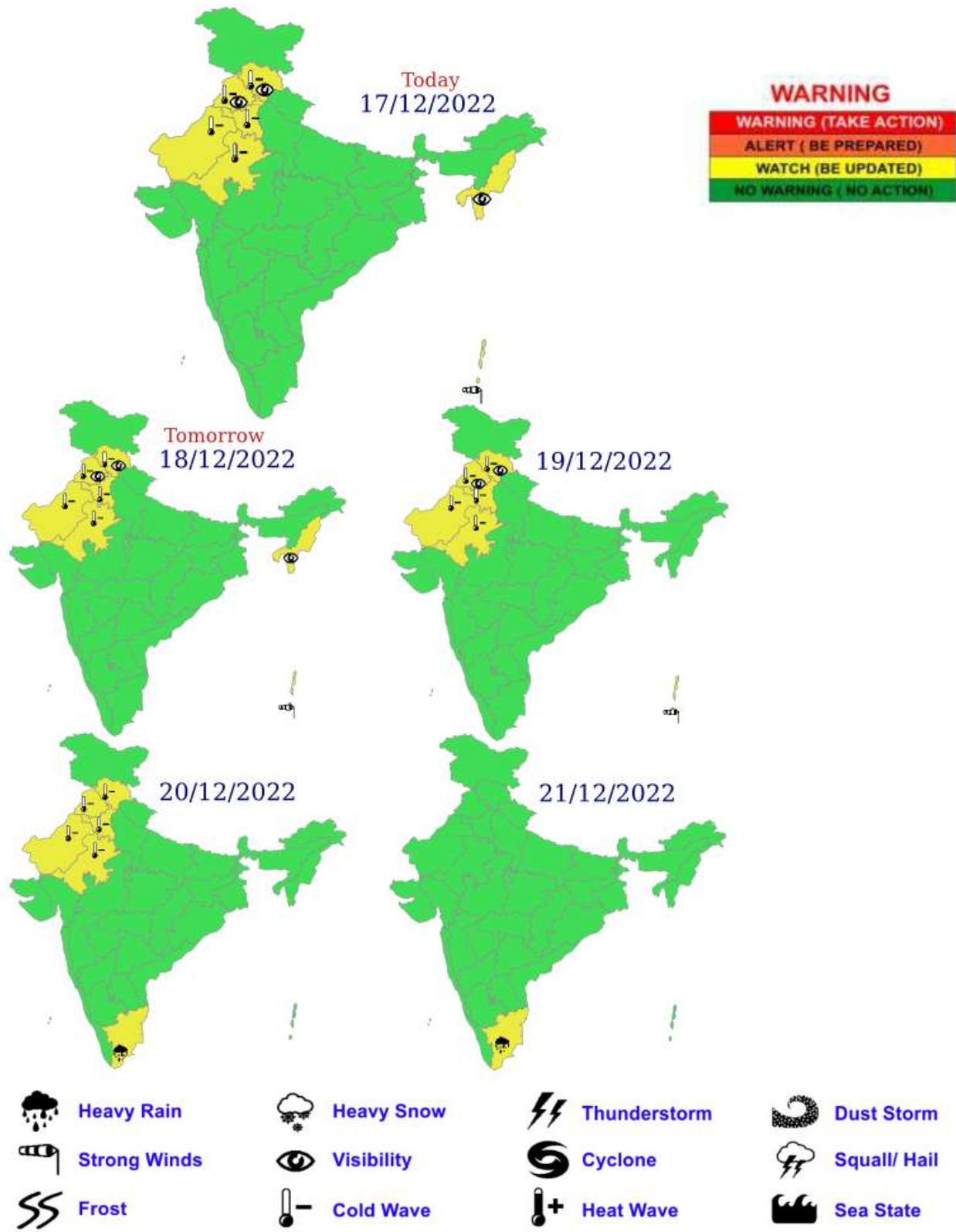


OBSERVED TRACK OF DEPRESSION OVER ARABIAN SEA (14TH - 17TH DECEMBER, 2022)



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 (≥ 20 KT)

-  LESS THAN 34 KT
-  34-47 KT
-  ≥ 48 KT
-  OBSERVED TRACK
-  FORECAST TRACK
-  CONE OF UNCERTAINTY



Fishermen warning graphics



Squally WX with wind speed 40-45 kmph gusting to 55 kmph

Fishermen are advised not to venture into the marked areas.