



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

**Press Release
Date: 06th March, 2022
Time of Issue: 1245 hrs IST**

**Subject: (i) Well Marked Low Pressure Area over Southwest Bay of Bengal.
(ii) Wet spell over Western Himalayan Region & adjoining plains of Northwest India during 06th-07th and 09th-10th March, 2022.
(iii) Isolated/scattered light/moderate rainfall with isolated thunderstorm/lightning very likely over Maharashtra, Gujarat Region, East Rajasthan and West Madhya Pradesh during 07th to 10th March, 2022.**

(i) Well Marked Low Pressure Area over Southwest Bay of Bengal

Yesterday's Deep Depression over southwest Bay of Bengal weakened into a Depression at 2330 hrs IST of yesterday, the 04th March, 2022 and further into a well marked low pressure area over southwest Bay of Bengal at 0830 hrs IST of today the 6th March 2022. It is likely to move further southwestwards towards north Tamil Nadu Coast and weaken gradually into a low pressure area during next 24 hours.

Warnings:

Rainfall (warning graphics enclosed):

6th March, 2022: Light to moderate rainfall/thundershower is very likely at many places over coastal Tamil Nadu, Puducherry & Karaikal with heavy rainfall at isolated places over north coastal areas. Light to moderate rainfall/thundershower is likely at a few places over adjoining areas of south coastal Andhra Pradesh and Rayalaseema.

7th March, 2022: Light to moderate rainfall/thundershower is very likely at a few places over Tamil Nadu, Puducherry & Karaikal. Light to moderate rainfall/thunder shower is very likely at isolated places over adjoining areas of south coastal Andhra Pradesh and Rayalaseema.

Wind warning:

Squally winds speed reaching 35-45 kmph gusting to 55 kmph would prevail over Southwest & adjoining Westcentral Bay of Bengal, Gulf of Mannar and along & off Tamil Nadu, Puducherry & South Andhra Pradesh coasts during next 12 hours. The wind speed would gradually decrease becoming strong winds 30-40 kmph gusting to 50 kmph thereafter during subsequent 12 hours.

Sea condition:

Sea condition will be rough over Southwest & adjoining Westcentral Bay of Bengal, Gulf of Mannar and Comorin area and along & off Tamil Nadu, Puducherry & south Andhra Pradesh coasts till 7th March morning and improve thereafter.

Fishermen Warning (Graphics enclosed):

Fishermen are advised not to venture into Southwest & adjoining Westcentral Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry and south Andhra Pradesh coasts till 7th March, 2022 morning.

(ii) Wet spell over Western Himalayan Region & adjoining plains of Northwest India:

- The Western Disturbance lies as a cyclonic circulation over west Afghanistan & neighbourhood between 3.1 km & 4.5 km above mean sea level with a trough aloft in middle tropospheric levels along Long.62°E to the north of Lat.26°N.
- An induced cyclonic circulation lies over south Pakistan & adjoining southwest Rajasthan at lower tropospheric levels. Under its influence:
 - ✓ Fairly widespread to widespread light/moderate rainfall/snowfall with isolated **thunderstorm/lightning** very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad & Himachal Pradesh on 06th & 07th and isolated light/moderate rainfall/snowfall with **thunderstorm/lightning** over Uttarakhand on 06th & 07th March, 2022.
 - ✓ **Isolated heavy rainfall/snowfall is also very likely over Kashmir valley on 6th March 2022.**
 - ✓ Isolated light rainfall very likely over Punjab on 06th & 07th March and Haryana-Chandigarh on 07th March, 2022.
- Another Western Disturbance is very likely to affect Western Himalayan Region & adjoining plains from the night of 08th March, 2022. Under its influence:
 - ✓ Scattered to fairly widespread light/moderate rainfall/snowfall with isolated **thunderstorm/lightning** very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad & Himachal Pradesh and isolated light/moderate rainfall/snowfall with **thunderstorm/lightning** over Uttarakhand on 09th & 10th March, 2022.
 - ✓ Isolated light rainfall with **thunderstorm/lightning** very likely over Punjab, Haryana-Chandigarh on 09th & 10th March, 2022.

(iii) Under the influence of a trough in easterlies:

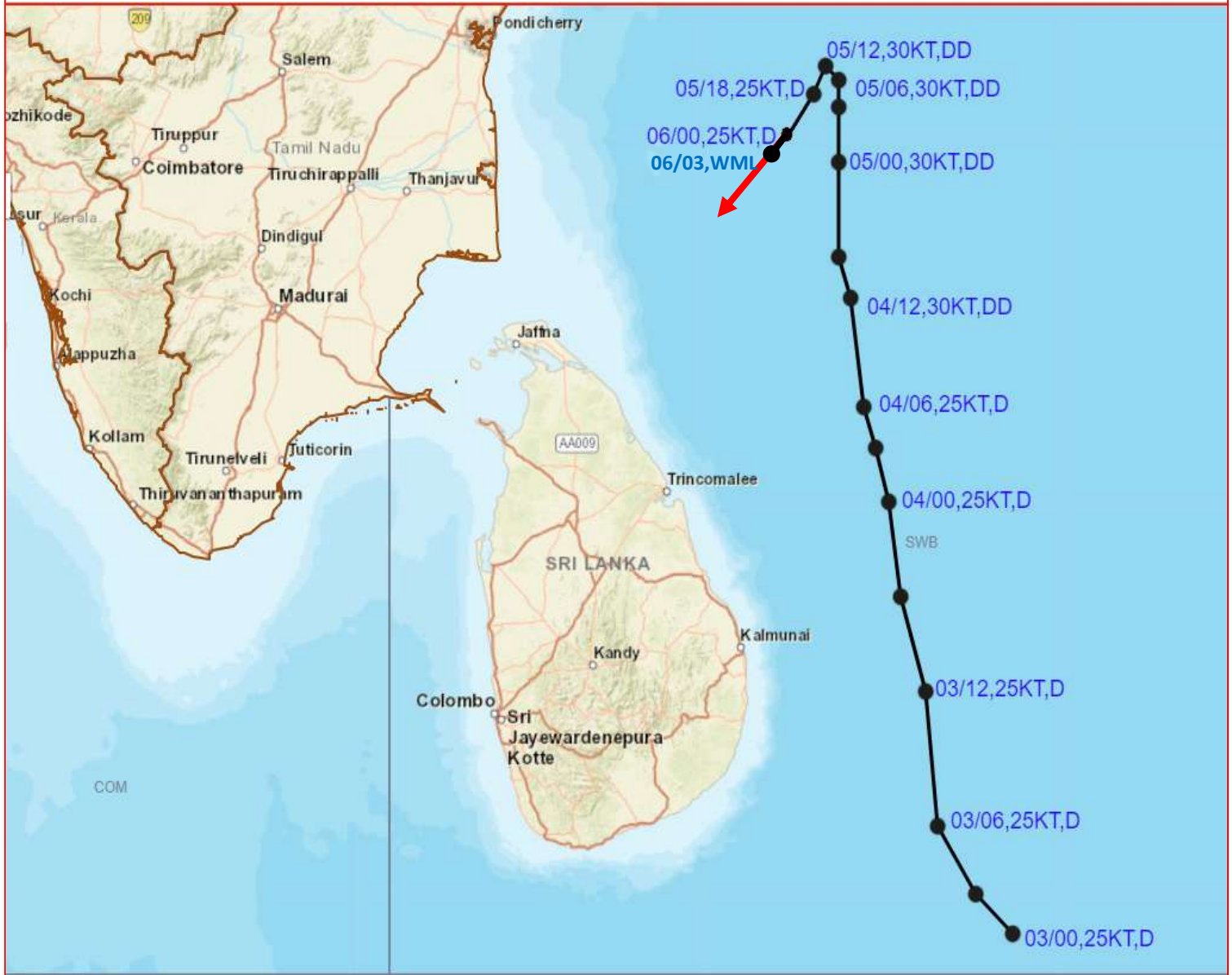
- ✓ Isolated/scattered light/moderate rainfall with isolated **thunderstorm/lightning** very likely over Maharashtra, Gujarat Region, East Rajasthan and West Madhya Pradesh during 07th to 10th March, 2022.

For more details refer:

https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php



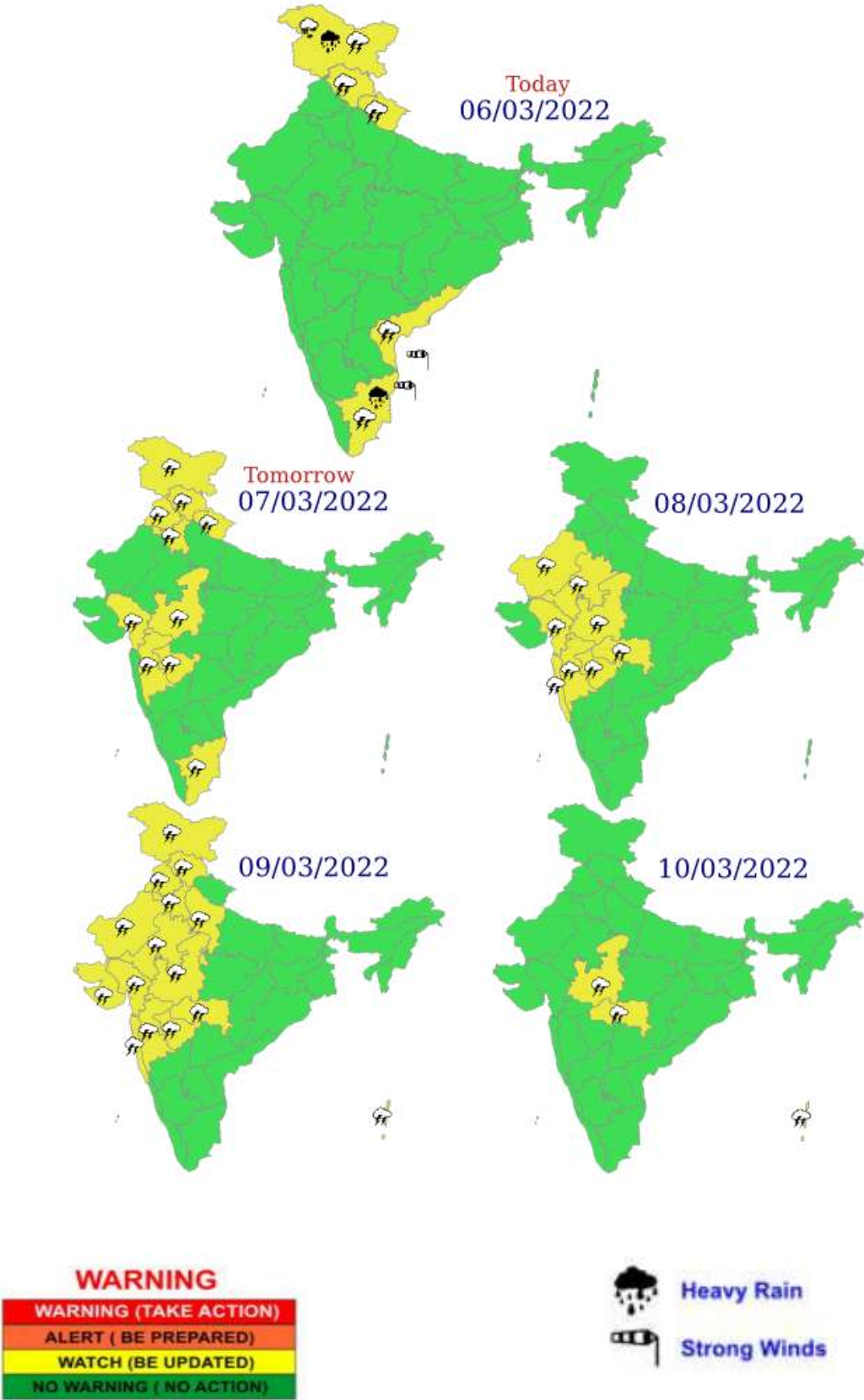
OBSERVED AND FORECAST TRACK OF WELL MARKED LOW PRESSURE AREA OVER SOUTHWEST BAY OF BENGAL BASED ON 0300 UTC OF 6th MARCH, 2022



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 (\geq 120 KT)

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

Weather Warning for India

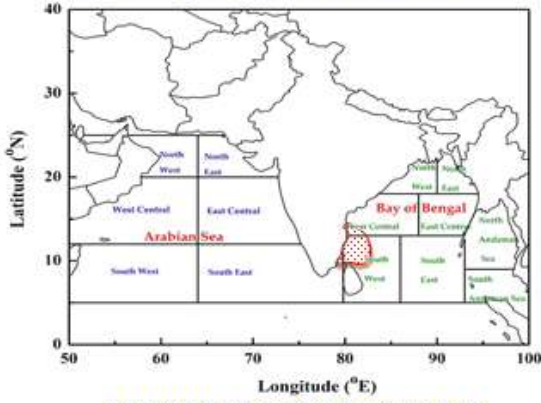


Fishermen Warning for North Indian Ocean

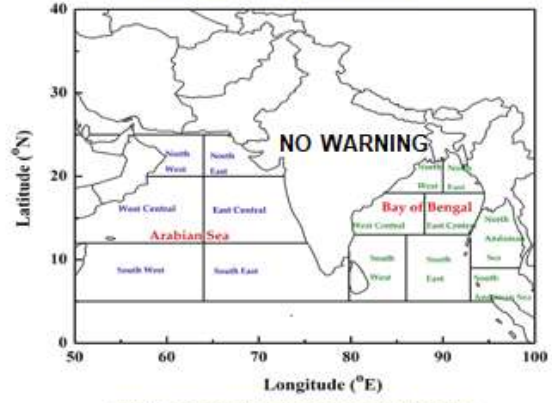
INDIA METEOROLOGICAL DEPARTMENT

FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA

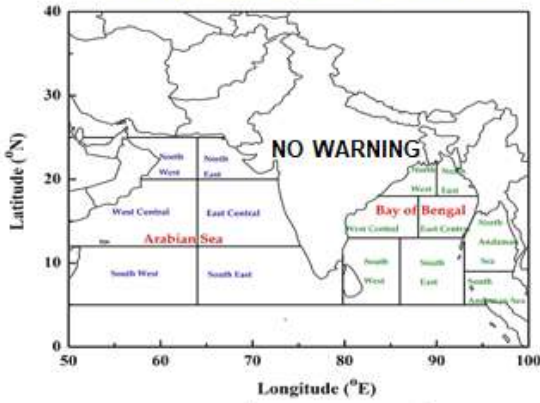
DAY-1: 06.03.2022/0600 UTC TO 07.03.2022/0600 UTC



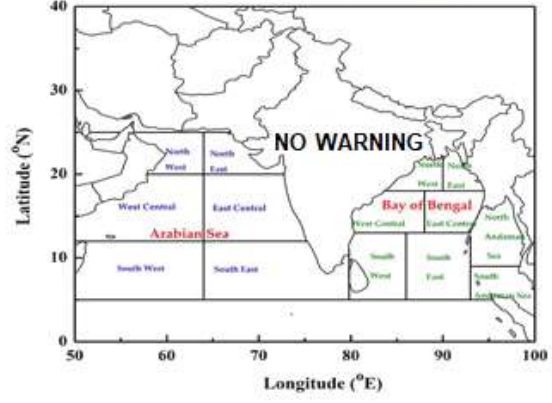
DAY-2: 07.03.2022/0600 UTC TO 08.03.2022/0600 UTC



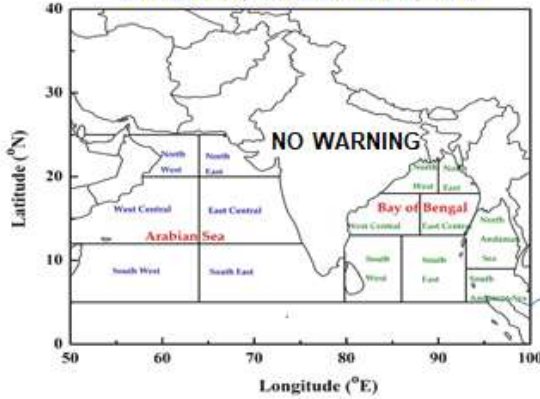
DAY-3: 08.03.2022/0600 UTC TO 09.03.2022/0600 UTC



DAY-4: 09.03.2022/0600 UTC TO 10.03.2022/0600 UTC



DAY-5: 10.03.2022/0600 UTC TO 11.03.2022/0600 UTC



AREA UNDER FISHERMEN WARNING

- 35-45 KMPH GUSTING TO 55 KMPH (SQUALLY WEATHER)
- 40-50 KMPH GUSTING TO 60 KMPH (STRONG WIND)
- 45-55 KMPH GUSTING TO 65 KMPH
- 50-60 KMPH GUSTING TO 70 KMPH
- 55-65 KMPH GUSTING TO 75 KMPH

Legends:

Heavy Rain: 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4 mm.

Region wise classification of meteorological Sub-Divisions:

- 1) **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

SPATIAL DISTRIBUTION (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)



WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

