



Government of India  
Ministry of Earth Sciences



India Meteorological Department

## PRESS RELEASE -2

Time of issue: 1600 hours IST

Dated: 21-10-2020

**Sub: (1) Well Marked Low Pressure Area over Westcentral Bay of Bengal**

**(2) Withdrawal of Southwest Monsoon from central, eastern and western parts of India**

**(1) Well Marked Low Pressure Area over Westcentral Bay of Bengal:** The **Low pressure Area** over Central parts of Bay of Bengal & neighbourhood lay as a **Well Marked Low Pressure Area** over Westcentral Bay of Bengal & neighbourhood at 0830 hours IST of today, the 21<sup>st</sup> October, 2020. It is very likely to move northwestwards during next 24 hours and move north-northeastwards thereafter towards West Bengal-Bangladesh coasts across Northwest Bay of Bengal off Odisha coast during subsequent 48 hours. It is likely to concentrate into a Depression by tomorrow and further into a Deep Depression during the subsequent 24 hours.

### Warnings:

**(i) Rainfall (over Andhra Pradesh, Telangana, Odisha, Gangetic West Bengal and northeastern states)**

- Fairly widespread to widespread rainfall with isolated heavy fall (**64.5-115.5 mm/day**) very likely over Andhra Pradesh on 21<sup>st</sup>; isolated heavy rainfall on 21<sup>st</sup> & 23<sup>rd</sup> and isolated heavy to very heavy rainfall on 22<sup>nd</sup>; isolated heavy to very heavy falls (**115.6-204.4 mm/day**) over Gangetic West Bengal on 22 & 23 and over Northeast India from 22<sup>nd</sup> to 24<sup>th</sup> October, 2020.
- **Isolated extremely heavy falls (>204.4 mm/day)** also likely over Tripura & Mizoram on 22<sup>nd</sup> and over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura on 23<sup>rd</sup> October 2020.

**(ii) Wind warning**

- Squally winds (speed reaching 40-50 kmph gusting to 60 kmph) would occur over Central Bay of Bengal on 21<sup>st</sup> Oct; 45-55 kmph gusting to 65 kmph over North Bay of Bengal and adjoining Central Bay of Bengal during 22<sup>nd</sup>-23<sup>rd</sup> and 50-60 kmph gusting to 70 kmph over North Bay of Bengal from 23<sup>rd</sup> till 24<sup>th</sup> Oct evening.
- Squally wind speed reaching 40-50 kmph gusting to 60 Kmph also very likely along & off north Andhra Pradesh & South Odisha coasts during 21<sup>st</sup>-22<sup>nd</sup> October; 45-55 kmph gusting to 65 Kmph along & off Odisha-West Bengal coasts on 22<sup>nd</sup>; 50-60 kmph gusting to 70 kmph along & off north Odisha-West Bengal-Bangladesh coasts from 23<sup>rd</sup> till 24<sup>th</sup> October evening.

**(iii) Sea condition**

- Sea condition will be rough to very rough over Central & adjoining North Bay of Bengal on 21<sup>st</sup> Oct; over North Bay of Bengal and adjoining Central Bay of Bengal during 21<sup>st</sup>-24<sup>th</sup> October, 2020.
- Sea condition will be rough to very rough along & off north Andhra Pradesh & South Odisha coasts during 21<sup>st</sup>-22<sup>nd</sup> October; along & off Odisha-West Bengal coasts on 22<sup>nd</sup> and along & off north Odisha-West Bengal-Bangladesh coasts during 23<sup>rd</sup>-24<sup>th</sup> October.

**(iv) Fishermen Warning**

- Fishermen are advised not to venture into Westcentral Bay of Bengal and along & off Andhra Pradesh coast till 22<sup>nd</sup>, into North Bay of Bengal and along & off Odisha-West Bengal-Bangladesh coasts till 24<sup>th</sup> evening.

Contact: Cyclone Warning Division, Office of the Director General of Meteorology,  
India Meteorological Department, Ministry of Earth Sciences.

Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220, E-mail: [cwdhq2008@gmail.com](mailto:cwdhq2008@gmail.com), Website: [rsmcnwdelhi.imd.gov.in](http://rsmcnwdelhi.imd.gov.in)

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) Withdrawal of Southwest monsoon from central, eastern and western parts of India:**

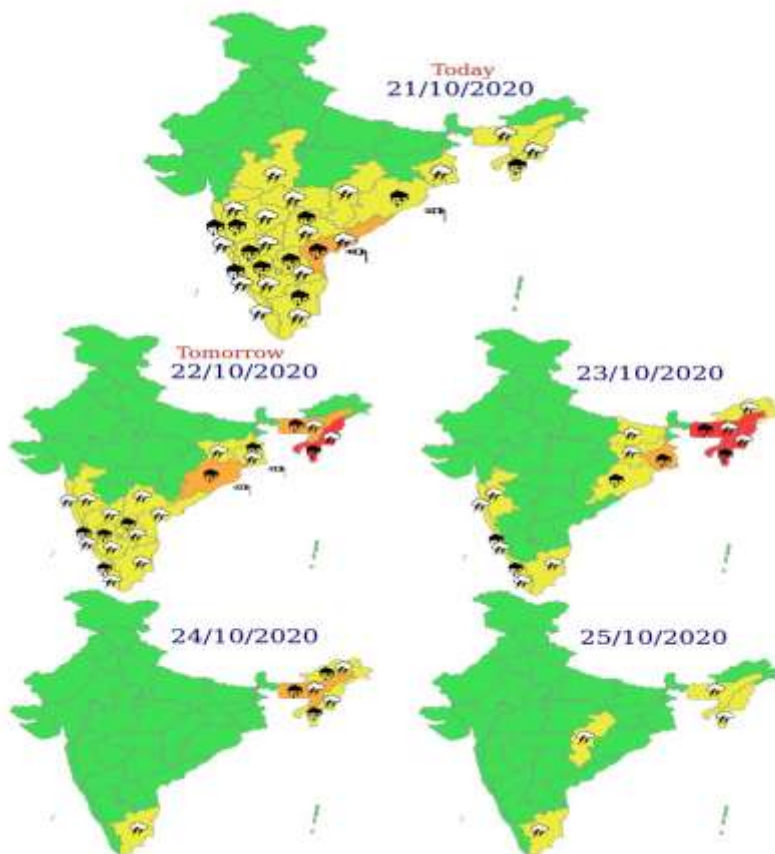
Southwest Monsoon has withdrawn today the 21 Oct, 2020, from remaining parts of Uttar Pradesh, entire Bihar, northern parts of West Bengal & Sikkim, northern parts of Jharkhand, north Chhattisgarh, some parts of east Madhya Pradesh and some more parts of west Madhya Pradesh.

The withdrawal line of the Southwest Monsoon passed through Lat. 27°N/ Long.90°E, Cooch Behar, Sriniketan, Ranchi, Pendra Road, Mandla, Narsinghpur, Indore, Vallabh Vidyanagar, Porbandar, Lat. 21°N/ Long.65°E and Lat. 21°N/ Long.60°E.

Conditions are favorable for further withdrawal of Southwest-Monsoon from remaining parts Jharkhand, Madhya Pradesh and Gujarat state, some more parts of Chhattisgarh, some parts Odisha and north Maharashtra during next 3-4 days.

Kindly visit [www.rsmcnewdelhi.imd.gov.in](http://www.rsmcnewdelhi.imd.gov.in) and [www.mausam.imd.gov.in](http://www.mausam.imd.gov.in) for updates on the system.

**5-Days Multi Hazard Weather Warning:**



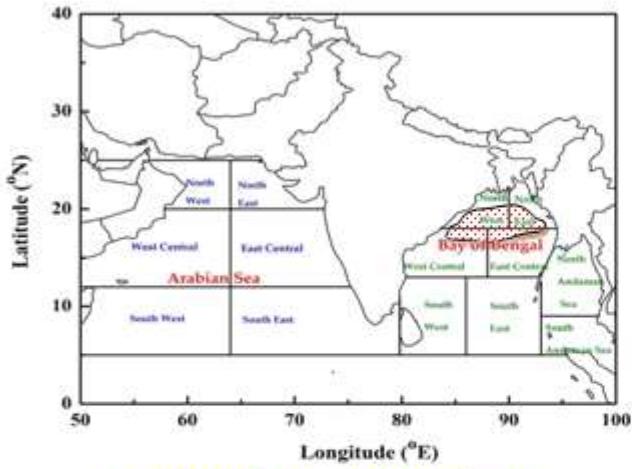
**Withdrawal of Southwest Monsoon:**



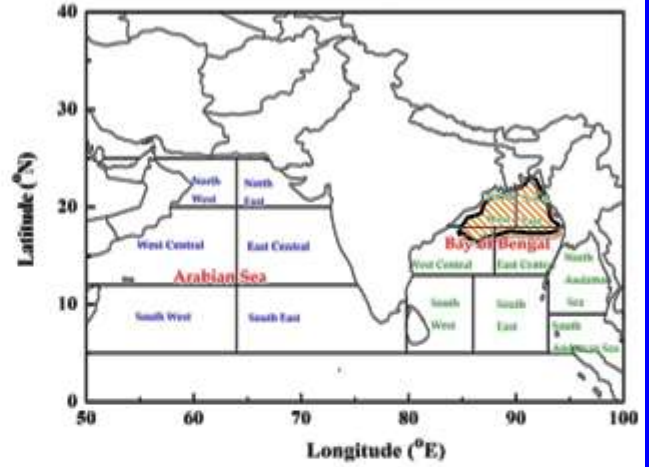
# INDIA METEOROLOGICAL DEPARTMENT

## FISHERMAN WARNING FOR BAY OF BENGAL AND ARABIAN SEA

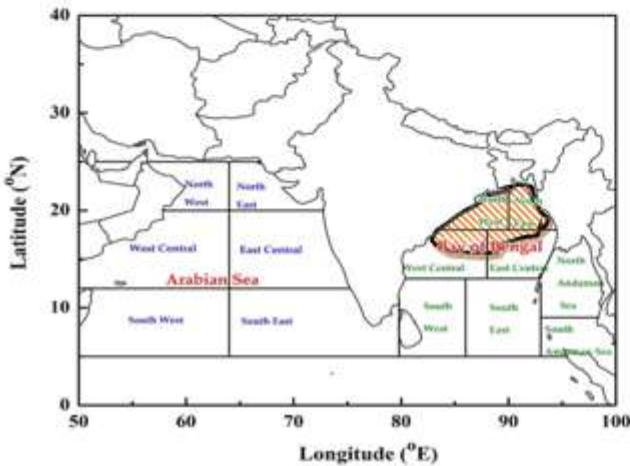
DAY-1: 21.10.2020/0600 UTC TO 22.10.2020/0600 UTC



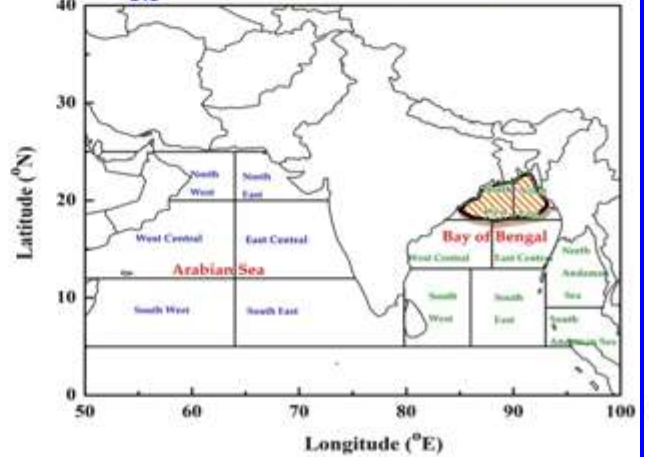
DAY-2: 22.10.2020/0600 UTC TO 23.10.2020/0600 UTC



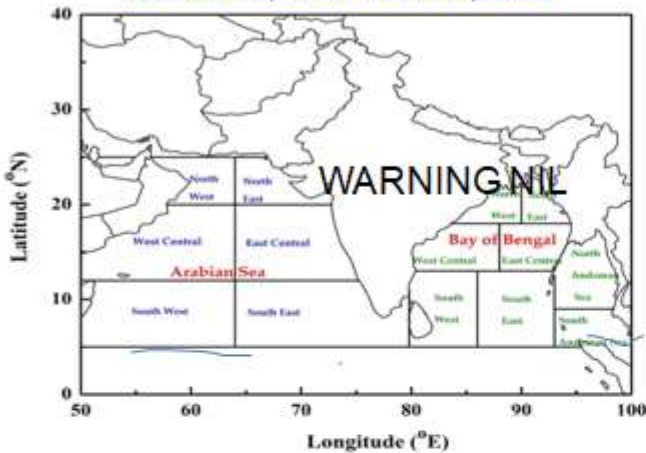
DAY-3: 23.10.2020/0600 UTC TO 24.10.2020/0600 UTC







DAY-4: 24-10-2020/0600 UTC TO 25.10.2020/0600 UTC



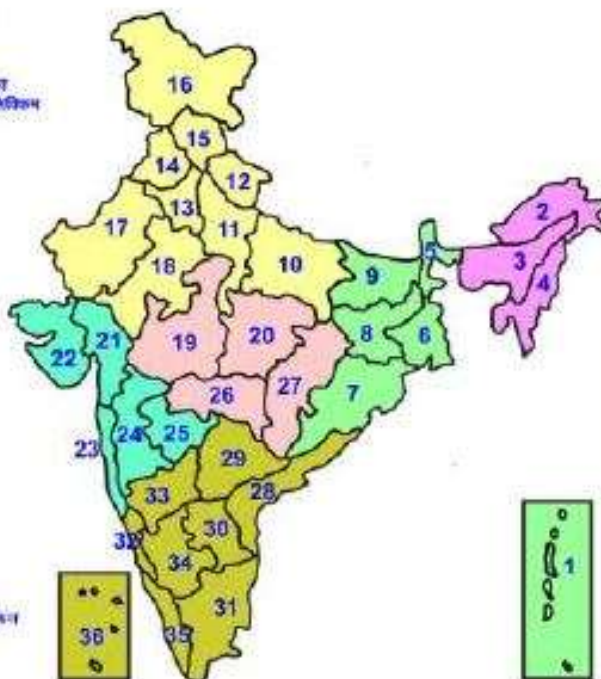
DAY-5: 25.10.2020/0600 UTC TO 26.10.2020/0600 UTC



AREA UNDER FISHERMEN WARNING	
	(SQUALLY WEATHER) 40-50 KMPH GUSTING TO 60 KMPH
	45-55 KMPH GUSTING TO 65 KMPH
	55-65 KMPH GUSTING TO 75 KMPH
	60-70 KMPH GUSTING TO 85 KMPH

## LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड, मणिपुर, मिजोरम & त्रिपुरा
- 5 उप-हिमालयन पश्चिम बंगाल, सिक्किम
- 6 गंगाई पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा, चंडी & दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू & कश्मीर, लद्दाख
- 17 राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम राजस्थान
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात
- 22 सागरिया
- 23 कर्नाटक
- 24 मध्य प्रदेश
- 25 मराठवाड़ा
- 26 छत्तीसगढ़
- 27 आंध्र प्रदेश
- 28 तेलंगाना
- 29 तमिलनाडु
- 30 केरल
- 31 लक्षद्वीप



- 1 Andaman & Nicobar Islands
- 2 Arunachal Pradesh
- 3 Assam & Meghalaya
- 4 Nagaland, Manipur, Mizoram & Tripura
- 5 Sub-Himalayan West Bengal & Sikkim
- 6 Gangetic West Bengal
- 7 Orissa
- 8 Jharkhand
- 9 Bihar
- 10 East Uttar Pradesh
- 11 West Uttar Pradesh
- 12 Uttarakhand
- 13 Haryana, Chand & Delhi
- 14 Punjab
- 15 Himachal Pradesh
- 16 Jammu & Kashmir and Ladakh
- 17 Rajasthan
- 18 East Rajasthan
- 19 West Rajasthan
- 20 East Madhya Pradesh
- 21 Gujarat
- 22 Saurashtra
- 23 Karnataka
- 24 Madhya Maharashtra
- 25 Marathwada
- 26 Chhattisgarh
- 27 Coastal Andhra Pradesh & Yanam
- 28 Telangana
- 29 Rayalaseema
- 31 Tamil Nadu, Puducherry & Karaikal
- 32 Coastal Karnataka
- 33 North Interior Karnataka
- 34 South Interior Karnataka
- 35 Kerala & Mahe
- 36 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

<b>WARNING (TAKE ACTION)</b>
<b>ALERT ( BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING ( NO ACTION)</b>

### Probabilistic Forecast

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

Heavy Rain	Heavy Snow	Thunderstorm	Dust Storm
Strong Winds	Visibility	Cyclone	Squall/ Hail
Frost	Cold Wave	Heat Wave	Sea State

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