



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

**Press Release
Date: 4th August, 2020
Time of Issue: 1630 hrs IST**

Subject: Ongoing Active monsoon conditions over West-coast including Mumbai and east coast of India and likely intense rainfall spell over Gujarat, Madhya Pradesh, Chhattisgarh and Odisha

(a) Weather Systems

- A low pressure Area formed over North Bay of Bengal off West Bengal- Bangladesh Coasts today, the 4th August morning. **It is likely to become more marked during next 24 hours and move westnorthwestwards to south Gujarat across Odisha, Chhattisgarh and Madhya Pradesh during next 3-days**
- A cyclonic circulation lies over south Gujarat and neighbourhood at middle and upper level tilting southwards with height

(b) Realized Rainfall

- **Southwest Monsoon currently is in Active to Vigorous phase over Konkan coast and adjoining area of west coasts including Mumbai and over east coast of India covering Odisha and Gangetic West Bengal. Chief amount Rainfall** (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): **Mumbai (Dharavi)-38, Mumbai (Santacruz)-26; Mumbai (Colaba)-25; Mahabaleshwar-19; Ratnagiri-16; Matheran -9; Puri(Pipili)-14.4, and Chandbali-9; Mormugao, Karwar, Honawar and Palakkad-8 each.**

(c) Wind and Severe Weather Warning

Wind warning

- **As a consequence of these meteorological features**, southwesterly monsoon flow has strengthened over the Arabian sea at both surface and lower troposphere. Presently, strong squally winds with wind speed reaching 50-60kmph are prevailing over east-central Arabian Sea and adjoining areas, along and off south Gujarat- Konkan-Karnatak Coast, over Mumbai and also over south and central Bay of Bengal. It is very likely to continue over these regions on 4th and 5th and over northeast Arabian Sea along and off Gujarat Coast on 5th and 6th August, 2020.
- **Fisherman Warning: The fisherman are advised not to venture into Arabian Sea, along and off Gujarat, Maharashtra, Goa coasts and into eastcentral and northeast Arabian Sea during 4th -6th and into south and central Bay of Bengal and along and off Odisha and West Bengal coast during 4th and 5th August.**

(d) Heavy rainfall warning

- Widespread rainfall with scattered heavy to very heavy rainfall **and isolated extremely heavy falls ($\geq 20\text{cm}$) most likely to continue over Konkan & Goa (including Mumbai) till 5th August 2020 and reduce thereafter**. Isolated heavy to very heavy rainfall with isolated extremely heavy falls most likely over Madhya Maharashtra including the Western Ghat areas till 5th August 2020; over coastal Karnataka on 4th with subsequent reduction thereafter. Widespread rainfall with heavy to very heavy falls at a few places and extremely heavy rainfall at isolated places **also very likely over Gujarat region from today night- 4th August till 6th August 2020 and over Saurashtra & Kutch during 5th-7th August**.
- Widespread rainfall with heavy to very heavy falls at isolated places very likely over Gangetic West Bengal on 4th August; with isolated heavy to very heavy falls and isolated extremely heavy falls at isolated places very likely over Odisha on 4th and 5th August; over Chhattisgarh and East Madhya Pradesh on 5th August, with isolated heavy to very heavy rainfall over West Madhya Pradesh and southeast Rajasthan on 6th August and is likely to reduce thereafter over these respective areas.**
- Isolated heavy to very heavy falls likely over Kerala till 7th July and isolated extremely heavy rainfall on 8th August 2020.

For further details on date-wise color code warnings, refer the following table:

Color code based Warning follows:

Sub-Divisions	4 August*	5 August*	6 August*	7 August*	8 August*
Konkan and Goa	Rainfall at most places with scattered heavy to very heavy and isolated extremely heavy rainfall	Rainfall at most places with scattered heavy to very heavy and isolated extremely heavy rainfall	Rainfall at most places with isolated heavy to very heavy and isolated extremely heavy rainfall	Rainfall at most places with isolated heavy to very heavy rainfall	Rainfall at most places with isolated heavy to very heavy rainfall
Madhya Maharashtra	Rainfall at most places with heavy to very heavy falls and isolated extremely heavy falls	Rainfall at most places with heavy to very heavy falls and isolated extremely heavy falls	Rainfall at most places with isolated heavy to very heavy falls	Rainfall at many places with isolated heavy falls	Rainfall at many places
Gujarat region	Rainfall at many places with isolated heavy to very heavy and isolated extremely heavy rainfall	Rainfall at most places with scattered heavy to very heavy and isolated extremely heavy rainfall	Rainfall at most places with scattered heavy to very heavy and isolated extremely heavy rainfall	Rainfall at many places with isolated heavy falls	Rainfall at a few places with isolated heavy falls
Saurashtra & Kutch	Rainfall at many places with isolated heavy to very heavy and isolated extremely heavy rainfall over southern coastal districts	Rainfall at most places with isolated heavy to very heavy and isolated extremely heavy rainfall	Rainfall at most places with scattered heavy to very heavy and isolated extremely heavy rainfall	Rainfall at many places with isolated heavy to very heavy falls	Rainfall at a few places
Coastal Karnataka	Rainfall at most places with isolated heavy to very heavy and isolated extremely heavy rainfall	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy falls at a few places and very heavy falls at isolated places	Rainfall at most places with heavy falls at a few places and very heavy falls at isolated places	Rainfall at most places with heavy falls at a few places and very heavy falls at isolated places

Kerala	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.	Rainfall at most places with heavy to very heavy falls at scattered places	Rainfall at most places with heavy to very falls at scattered places	Rainfall at most places with heavy to very falls at scattered places with isolated extremely heavy falls.
Odisha	Rainfall at most places with heavy to very heavy falls at isolated places and isolated extremely heavy falls.	Rainfall at most places with heavy to very heavy falls at isolated places and isolated extremely heavy falls.	Rainfall at many places with heavy falls at isolated places	Rainfall at a few places	Rainfall at many places with heavy falls at isolated places
Chhattisgarh	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy falls at isolated places and isolated extremely heavy falls.	Rainfall at many places.	Rainfall at many places.	Rainfall at most places with heavy falls at isolated places
East Madhya Pradesh	Rainfall at a most places with heavy to very heavy falls at isolated places.	Rainfall at most places with heavy to very heavy falls at isolated places and isolated extremely heavy falls.	Rainfall at many places	Rainfall at many places	Rainfall at many places.
West Madhya Pradesh	Rainfall at many places with heavy falls at isolated places	Rainfall at most places with heavy to very heavy falls at isolated places	Rainfall at most places with heavy falls at isolated places	Rainfall at many places	Rainfall at a few places.

Legends: Heavy rain: 64.5-115.5 mm/day; Very heavy rain: 115.6-204.4 mm/day; Extremely heavy rain: Greater or equal to 204.5 mm/day

For further details and forecast updates kindly visit websites of IMD, New

Delhi: <http://www.imd.gov.in/pages/allindiawxbulletin.php>

For district level warning, kindly visit website of Meteorological Centres/Regional Meteorological Centres of IMD at state levels.

For lightening warning please visit Damini App.