



**Government of India
India Meteorological Department
Regional Meteorological Centre
Mumbai – 400005**

Date:26 July 2023

PRESSRELEASENo. 8

Updates on Heavy Rainfall Activity over parts of Maharashtra

Monsoon continues to remain active over Konkan and Ghat areas of Madhya Maharashtra yesterday, with widespread heavy to very heavy rainfall. Due to active monsoon conditions, this enhanced rainfall activity is very likely to continue over parts of Konkan and adjoining Ghat areas of Madhya Maharashtra during next 3-4 days. **Heavy to very heavy rainfall with isolated extremely heavy falls is expected over Konkan and adjoining ghat areas of Madhya Maharashtra during the above period.** Increase in rainfall activity is also expected over parts of Marathwada with possibility of heavy rainfall at isolated places.

Chief amount of rainfall in cm (heavy rainfall >7 cm) during past 24 hours:

Konkan – Goa :

Wakwali_agri (dist Ratnagiri) 21, Chiplun (dist Ratnagiri) 17, Pen (dist Raigad) 17, Valpoi (dist North Goa) 16, Mangaon (dist Raigad) 15, Dapoli_agri (dist Ratnagiri) 15, Sanguem (dist South Goa) 14, Tala (dist Raigad) 14, Palghar_agri (dist Palghar) 14, Panvel_agri (dist Raigad) 14, Mhasla (dist Raigad) 13, Ratnagiri - ImdObsy (dist Ratnagiri) 13, Roha (dist Raigad) 13, Sudhagad Pali (dist Raigad) 13, Ambernath (dist Thane) 13, Mahad (dist Raigad) 12, Wada (dist Palghar) 12, Poladpur (dist Raigad) 12, Dodamarg (dist Sindhudurg) 11, Guhagarh (dist Ratnagiri) 11, Shriwardhan (dist Raigad) 11, Ulhasnagar (dist Thane) 11, Mandangad (dist Ratnagiri) 11, Sawantwadi (dist Sindhudurg) 10, Sangameshwar Devrukh (dist Ratnagiri) 10, Quepem (dist South Goa) 10, Thane (dist Thane) 10, Karjat_agri (dist Raigad) 10, Murud (dist Raigad) 9, Khed (dist Ratnagiri) 9, Murbad (dist Thane) 9, Lanja (dist Ratnagiri) 9, Santacruz - ImdObsy (dist Mumbai Suburban) 9, Rajapur (dist Ratnagiri) 8, Vikramgad (dist Palghar) 8, Kankavli (dist Sindhudurg) 8, Harnai Imd Obsy (dist Ratnagiri) 8, Shahapur (dist Thane) 8, Vasai (dist Palghar) 8, Bhiwandi (dist Thane) 7, Vaibhavwadi (dist Sindhudurg) 7, Uran (dist Raigad) 7, Kudal (dist Sindhudurg) 7, Jawhar (dist Palghar) 7

Ghat areas of Madhya Maharashtra :

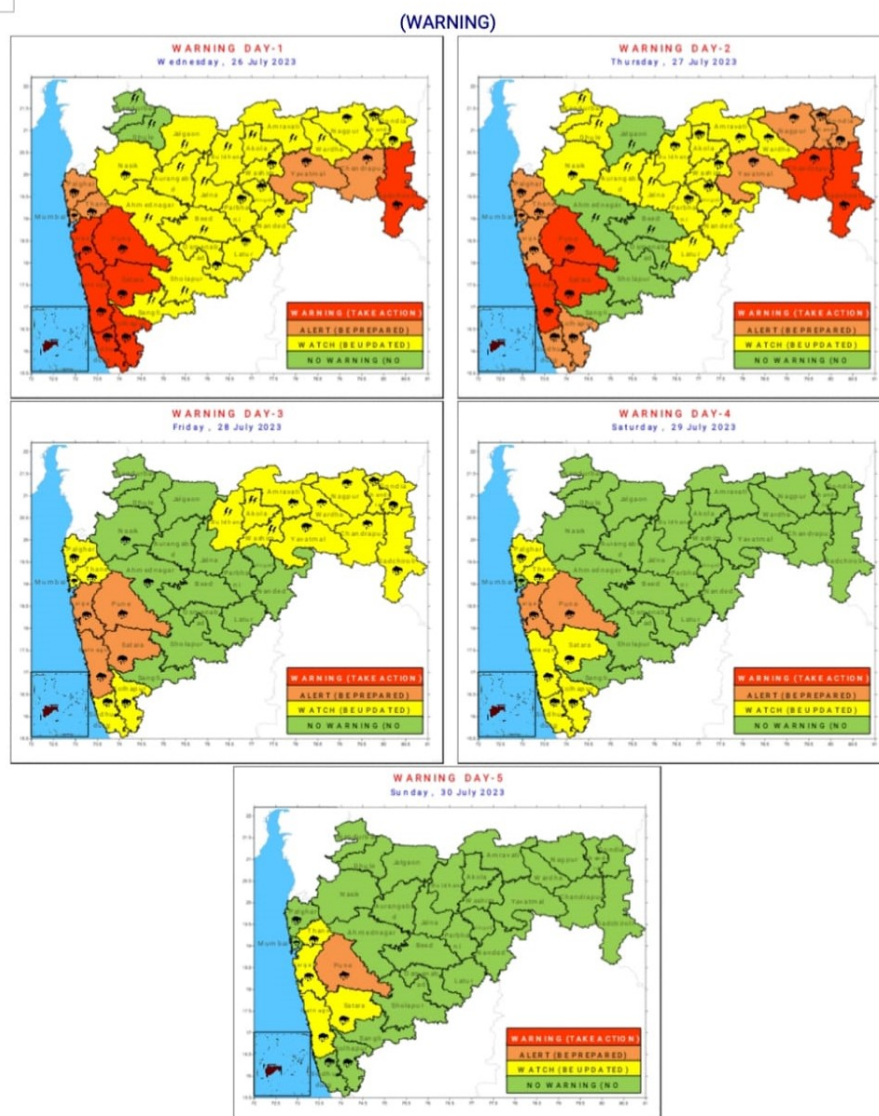
Koyana(N) 19, Dunderwadi, Koyana(P) 18, Mahabaleshwar- ImdObsy (dist Satara) 18, Dawdi 17, Tamini 16, Khand 15, Gaganbawada (dist Kolhapur) 15, Bhivpuri, Ambone, Lonavala(O), Bhira 13, Khopoli, Walvan 12, Lonavala_agri (dist Pune) 12, Lonavala(T) 9, Shirota 8, Shahuwadi (dist Kolhapur) 8, Igatpuri (dist Nashik) 8, Velhe (dist Pune) 7

Weather Systems:

- The Well Marked Low Pressure Area over Westcentral & adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts persists. It is likely to move slowly northwestwards across north Andhra Pradesh-south Odisha coasts.
- The Monsoon Trough is active and is south of its normal position. It will gradually shift northwards during next 2-3 days.
- The shear zone now runs roughly along Lat. 17° N in middle tropospheric levels.
- An off-shore trough at mean sea level runs from south Konkan coast to north Kerala coast.

Districtwise Forecast and Warnings:

The district-wise forecast and warnings for next 5 days are as follows:



Legends:

| | | | |
|---------------------------|-----------------------|------------------------|--------------------------|
| No warning (No Action) | Watch (Be updated) | Alert (Be prepared) | Warning (Take Action) |
|---------------------------|-----------------------|------------------------|--------------------------|

| | | | | | |
|-----------------|-------------|---------------|----------------|---------------------|------------------------|
| Very light rain | Light rain | Moderate rain | Heavy rainfall | Very Heavy rainfall | Extremely hvy rainfall |
| Trace-2.4 mm | 2.5-15.5 mm | 15.6-64.4 mm | 64.5-115.5 mm | 115.6-204.4 mm | Greater than 204.4mm |

| | | |
|--------------------|--------------------|------------------------------|
| Likely | Very Likely | Most Likely |
| 26-50% probability | 51-75% probability | Greater than 75% probability |

Fishermen Warning for next 5 days:

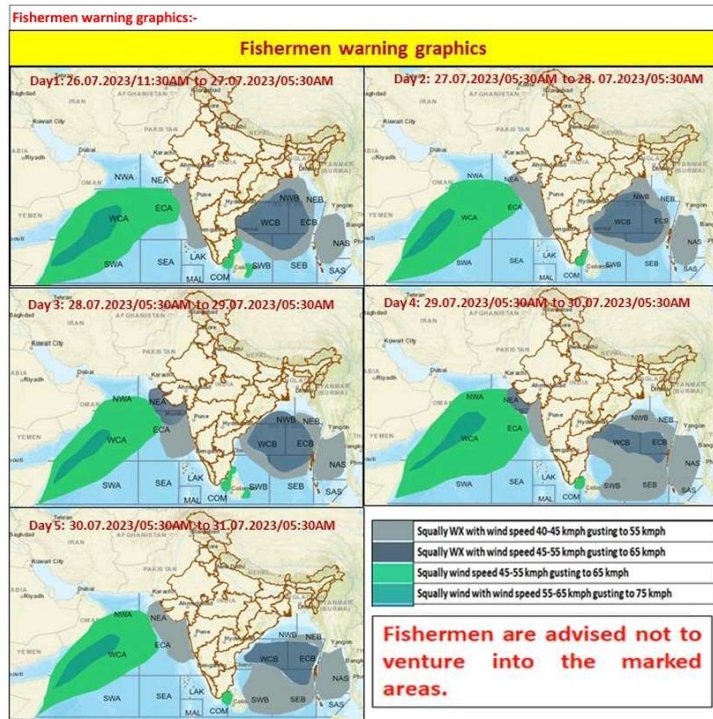
Warning for coastal areas for North- Maharashtra coast:

- Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph is very likely along and off North Maharashtra from 26th to 30th July.
- Fishermen are advised not to venture into these areas during above mentioned period.

Warning for coastal areas of South Maharashtra- Goa coast:

- Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph is very likely along and off South Maharashtra from 26th to 30th July.
- Fishermen are advised not to venture into these areas during above mentioned period.

Port Warning: Keep Hoisted Local Cautionary Signal No -III (Rpt LC-III) at all ports from Dahanu to Marmugoa along Maharashtra-Goa coast.



Flash Flood Guidance:

Persistent Flash Flood Threat (PFFT) till 1730 IST of 26-07-2023 :

Moderate flash flood threat likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 6 hours.

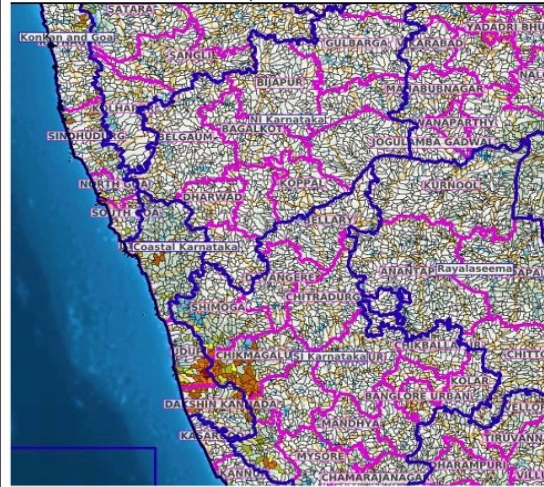
Coastal Karnataka - Dakshin Kannada, Udupi and Uttar Kannada districts.

SI Karnataka - Chikmagalur, Hassan, Kodagu and Shimoga districts.

Konkan & Goa - South Goa, Raigarh, Ratnagiri and Sindhudurg districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 6 hours.

Product: PFFT | Timescale: 06-hr | Region: "REGIONAL"
Date: 2023-07-26 06:00 UTC | Valid Date: 2023-07-26 12:00 UTC

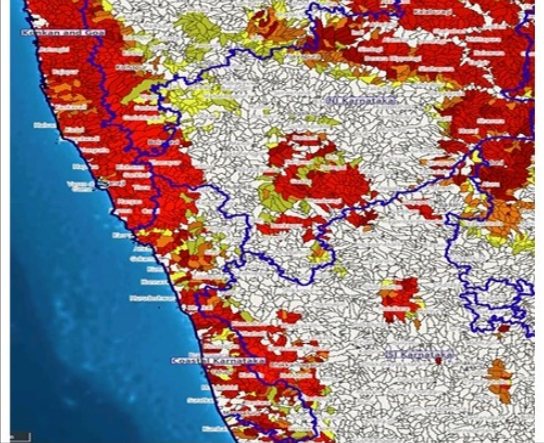


24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 27-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Coastal Karnataka, NI Karnataka, SI Karnataka** and **Konkan & Goa** Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.

Product: GFS FFR | Timescale: 24-hr | Region: "REGIONAL"
Product Date: 2023-07-26 06:00 UTC | Valid Date: 2023-07-27 06:00 UTC



Impact expected:

- Water logging/inundation in most parts of low lying areas and river banks.
- Disruption to road, rail, air and ferry transport. Major roads and local trains affected.
- Possibility of flash floods.
- Possibility of riverine floods in some catchments.(For riverine flooding please visit Web page of CWC).
- Local disruption of municipal services (Water, electricity etc.)
- Possibility of uprooting of weak trees and collapse of old and unmaintained structures and buildings.
- Damage to crops due to water inundation.
- Damage to weak /temporary structures.
- Landslides/Mudslides and rock falls in vulnerable areas.
- Rough Sea conditions along the coastal districts of Sindhudurg, Ratnagiri, Raigad, Mumbai and Palghar.
- Occasional strong winds reaching 45-55 kmph gusting to 65 kmph along the coastal districts.

Action Suggested:

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying near weak trees/structures or areas vulnerable for landslides/rock falls
- Do not drive into flooded areas. Follow traffic advisories that are issued in this regard.
- Take safety measures while dealing with electric power.
- Adhere to guidelines issued from time to time by state disaster management authorities.
- Tourists should not be permitted to enter sea while rough sea conditions prevail

Agromet advisories:

Farmers are advised to :

- provide drainage channels to remove excess water from fields.
- postpone fertilizer applications and spraying pesticides.
- postpone transplanting of finger millet seedlings in Konkan
- undertake propping in sugarcane
- undertake staking in vegetables and provide mechanical support to newly planted orchards.
- keep farm animals indoors during thunderstorms and lightning periods.

Kindly be updated with the latest warnings issued by IMD. Further details are available on websites of IMD New Delhi, IMD Mumbai and IMD Nagpur. Kindly visit the IMD websites: <https://mausam.imd.gov.in>, <https://mausam.imd.gov.in/mumbai> and <http://www.imdnagpur.gov.in> for current weather updates.

Regional Weather Forecasting Centre

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