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(Ministry of Earth Sciences)

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**Sub: Well Marked Low Pressure Area central parts of Vidarbha and neighbourhood**

The depression over East Vidarbha and adjoining Telangana moved west-northwestwards and weakened into a Well Marked Low Pressure Area over central parts of Vidarbha and neighbourhood at 1730 hours IST of today, the 02<sup>nd</sup> September, 2024.

It is likely to move further nearly northwestwards across Vidarbha and adjoining west Madhya Pradesh and weaken into a low pressure area during next 24 hours.

**Warnings:**

**(i) Rainfall Warning:**

**Gujarat region:** Light to moderate rainfall at most places with very heavy to extremely heavy rainfall at isolated places on 2<sup>st</sup> and 3<sup>rd</sup> September.

**Madhya Maharashtra:** Light to moderate rainfall at most places with very heavy to extremely heavy rainfall at isolated places on 2<sup>nd</sup> September and isolated heavy rainfall on 3<sup>rd</sup> September.

**Marathwada:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 2<sup>nd</sup> September.

**Vidarbha:** Light to moderate rainfall at most places with isolated heavy to very heavy rainfall at a few places on 2<sup>nd</sup> September and isolated heavy rainfall on 3<sup>rd</sup> September.

**East Madhya Pradesh:** Light to moderate rainfall at most places with heavy rainfall at isolated places is likely on 2<sup>nd</sup> September.

**West Madhya Pradesh:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 2<sup>nd</sup> and 3<sup>rd</sup> September.

**East Rajasthan:** Light to moderate rainfall at most places with heavy rainfall at isolated places on 2<sup>nd</sup> September.

**Telangana:** Light to moderate rainfall at most places with isolated heavy rainfall over north Telangana on 2<sup>nd</sup> September.

**Saurashtra & Kachchh:** Light to moderate rainfall at most places with heavy rainfall at isolated places on 2<sup>st</sup> and very heavy rainfall on 3<sup>rd</sup> September.

**(ii) Wind warning:**

- Squally weather with wind speed reaching 25-35 kmph gusting to 45 kmph is likely over Vidarbha adjoining Marathwada and during next 24 hours.

**(v) Flash Flood Guidance:**

❖ **24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 03-09-2024 :**

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

**East Rajasthan** - Banswara, Dungarpur and Pratapgarh districts.

**Vidarbha** - Akola, Amaravati, Buldhana, Washim and Yavatmal districts.

**West Madhya Pradesh** - Agar-Malwa, Alirajpur, Ashoknagar, Bhopal, Burhanpur, Dewas, Dhar, Guna, Harda, Indore, Jhabua, Khandwa, Khargone, Mandsaur, Nimach, Raisen, Ratlam, Sehore, Shivpuri, Ujjain and Videsha districts.

**Gujarat Region** - Dadar & Nagar Haveli, Daman, Aravalli, Bharuch, Chhota Udepur, Dahod, Dangs, Mahisagar, Narmada, Navsari, Panchmahal, Sabar Kantha, Surat, Tapi, Vadodara and Valsad districts.

**Madhya Maharashtra** - Dhule, Jalgaon and Nandurbar districts.

**Marathwada** - Hingoli district.

❖ **Impact Expected (Vidarbha, Telangana, Marathwada, Madhya Maharashtra, Madhya Pradesh, Gujarat state and East Rajasthan)**

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Breaking of tree branches.
- Occasional reduction in visibility due to heavy rainfall.
- Reduction of visibility over sea area due to sea spray induced by strong wind and heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mud slips/land sinks/mud sinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

❖ **Action Suggested**

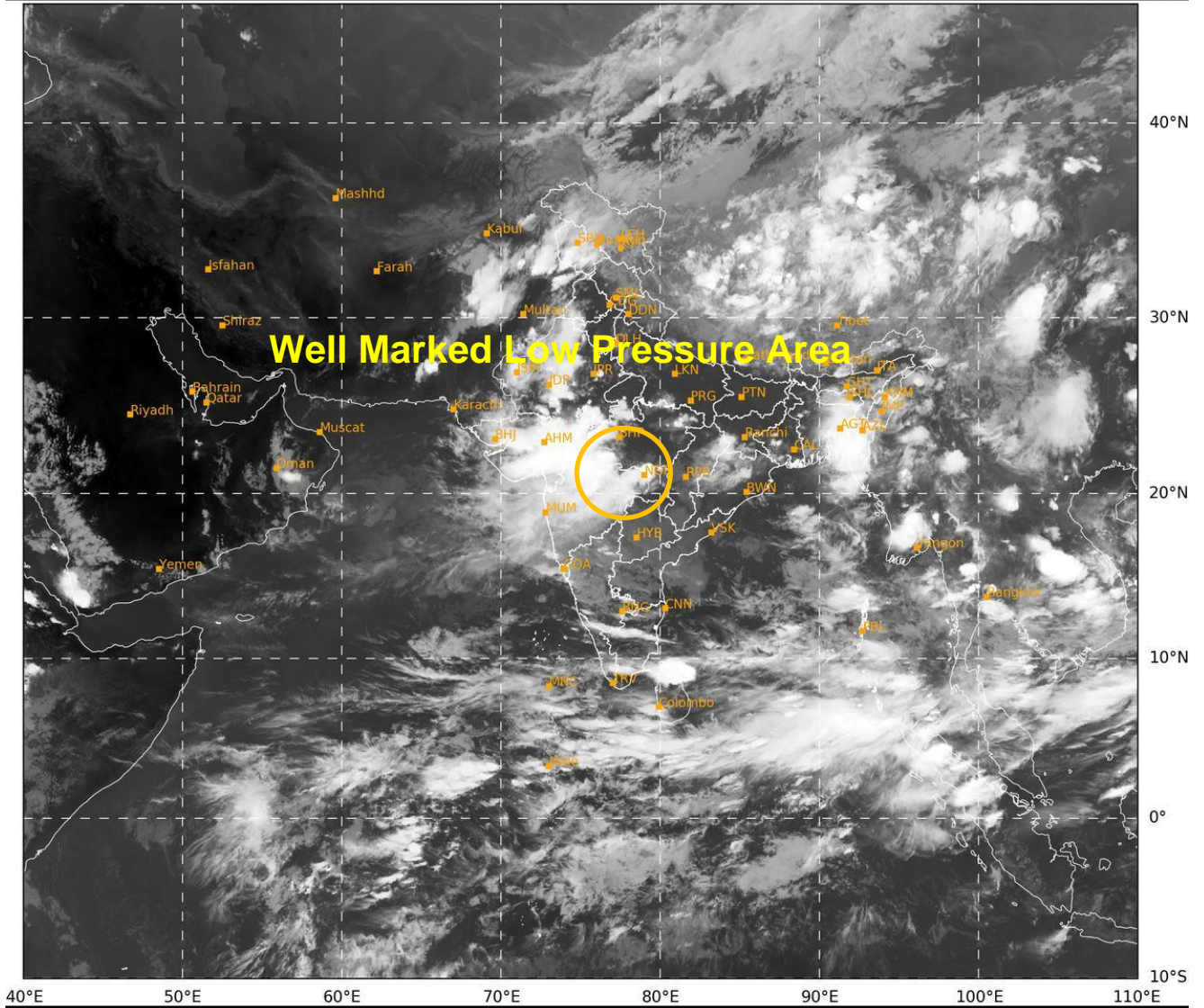
- Judicious regulation of surface transports including railways and roadways.
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

- ❖ **Agromet Advisories for Heavy** Rainfall likely over Telangana, Vidarbha, Marathwada, Madhya Maharashtra, Madhya Pradesh, Gujarat state and East Rajasthan) due to Depression
  - Make provision for draining out excess water from crop fields to avoid water stagnation.
  - Provide mechanical support to horticultural crops and staking to vegetables.
- ❖ **Significant amount of rainfall recorded from 0830 hours IST of yesterday, 1<sup>st</sup> September to 0830 hours IST of today, the 02<sup>nd</sup> September, 2024) is given in Annexure-I.**

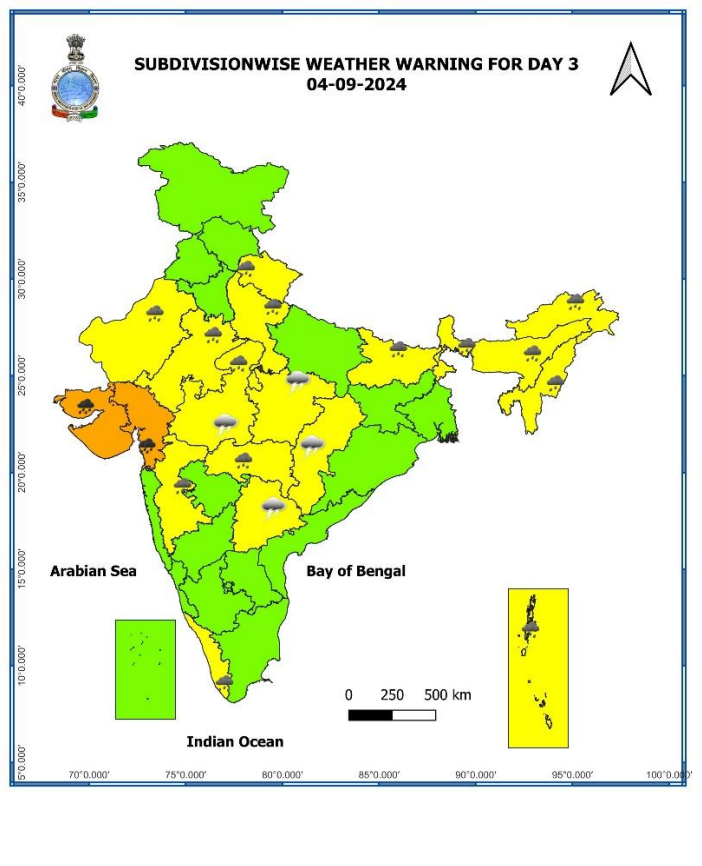
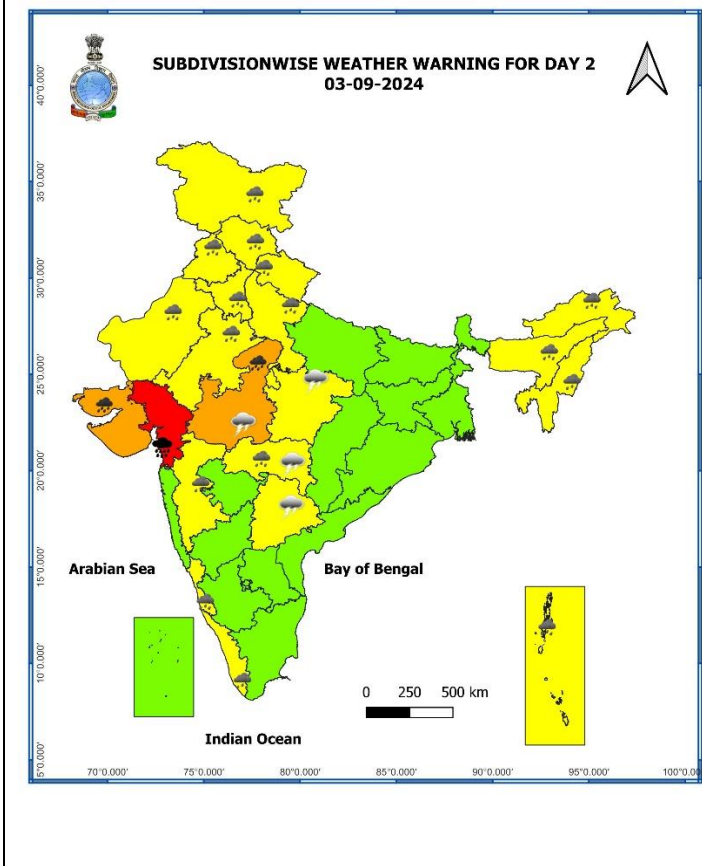
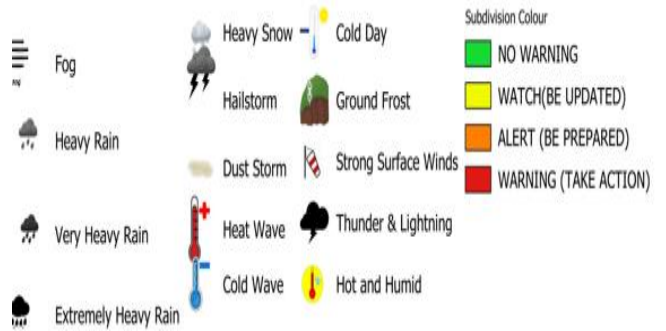
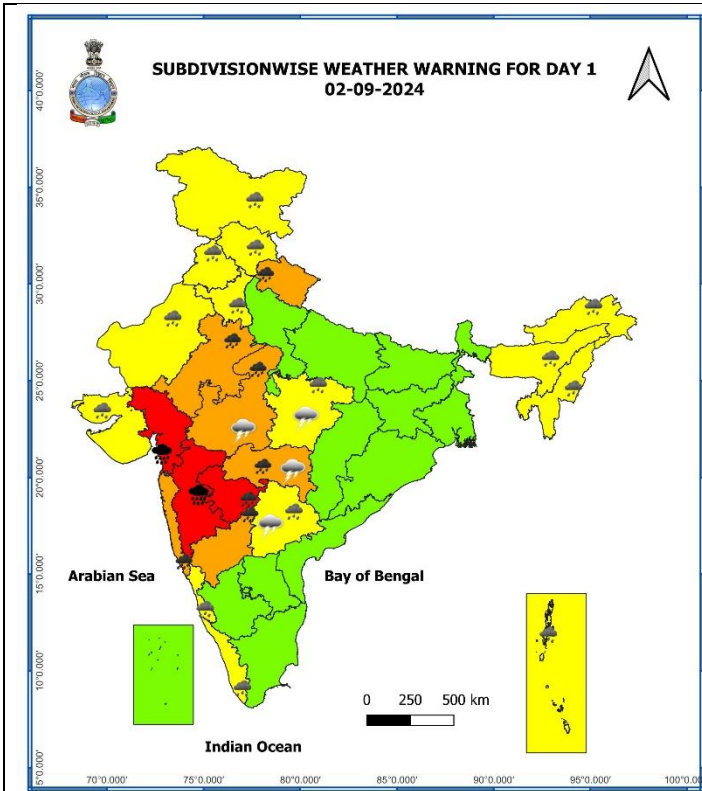
***This is last update in association with this system. However, regular weather bulletins will continue from National Weather Forecasting Centre and respective Regional Meteorological Centres and Meteorological Centres in association with the Well Marked Low Pressure Area over Central Parts of Vidarbha and its remnant.***

**(Ananda Kumar Das)  
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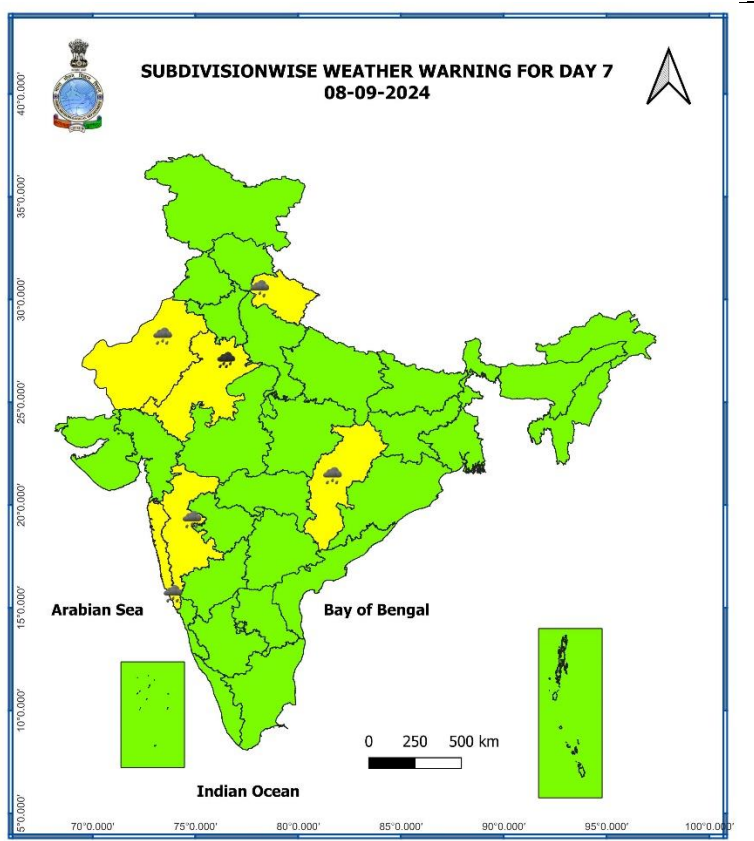
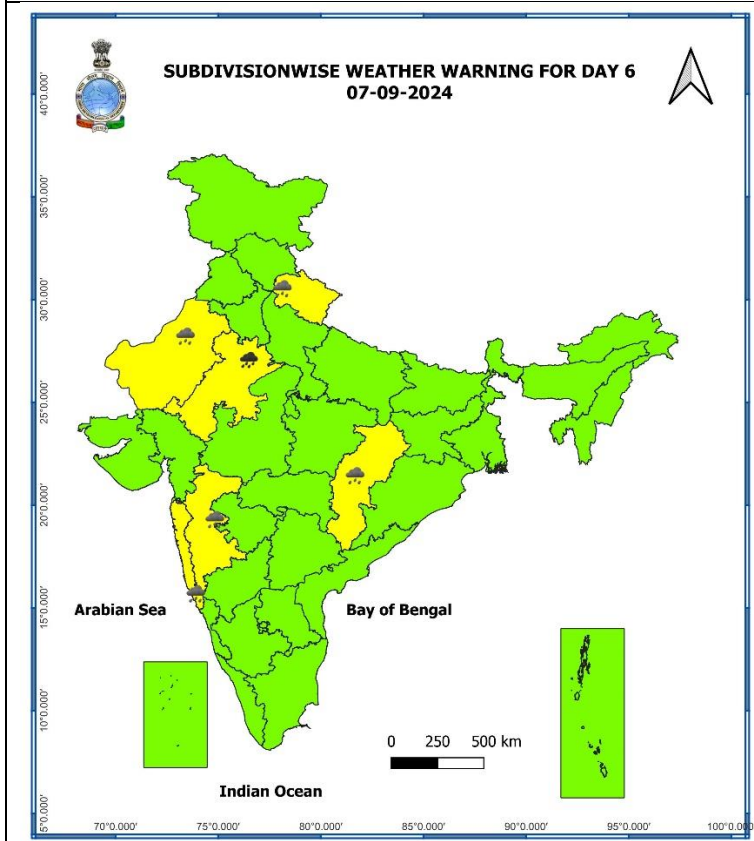
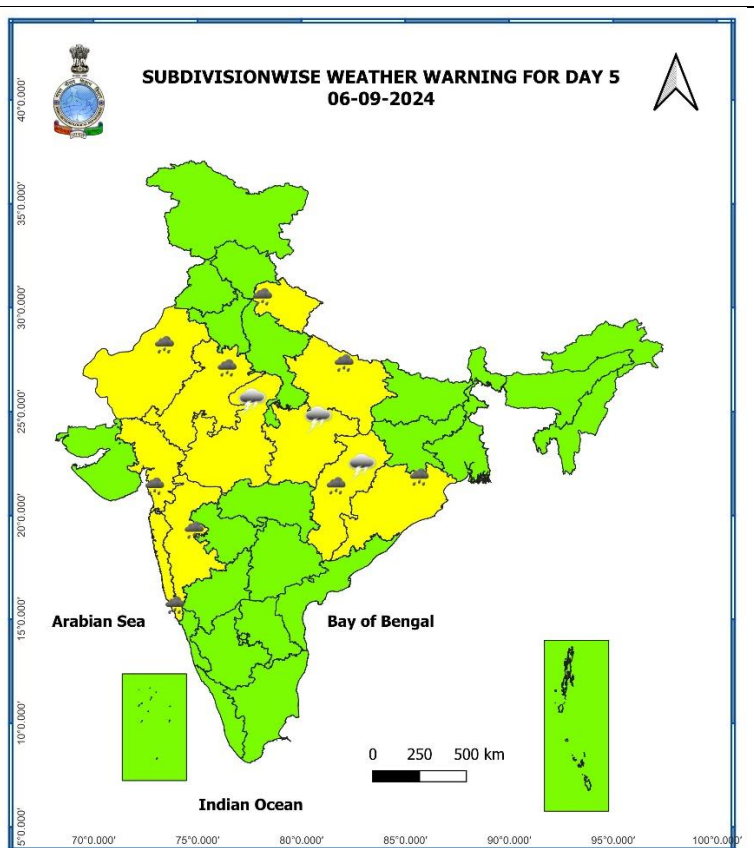
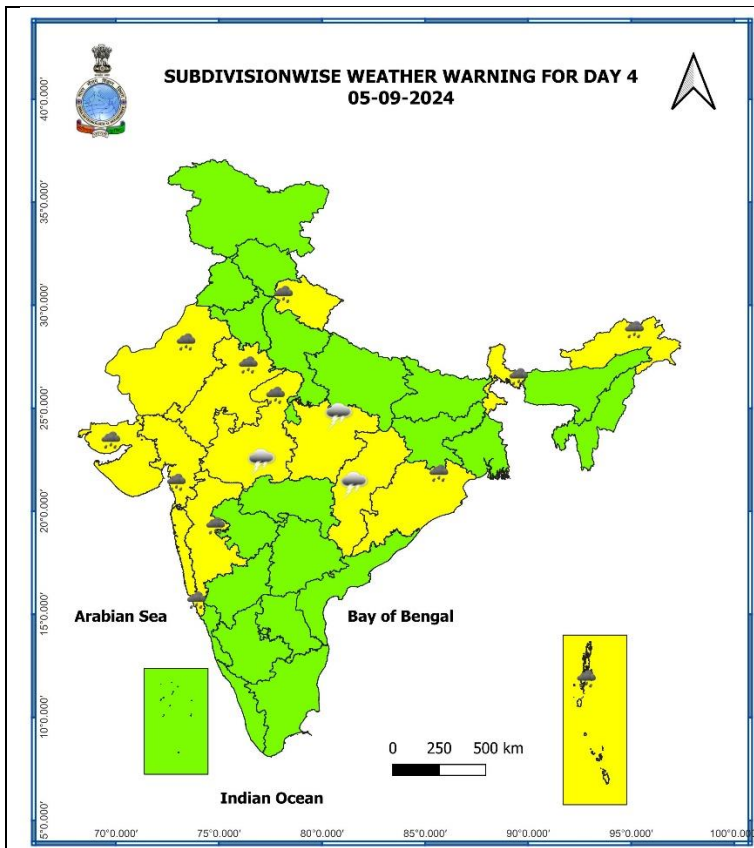
*Copy to: ACWC Kolkata/ACWC Mumbai/RMC Mumbai/CWC Ahmedabad/MC Jaipur/RMC, Nagpur/MC, Bhopal//CWC Bhubaneswar/MC, Goa/MC, Ranchi*



# Weather Warning Graphics

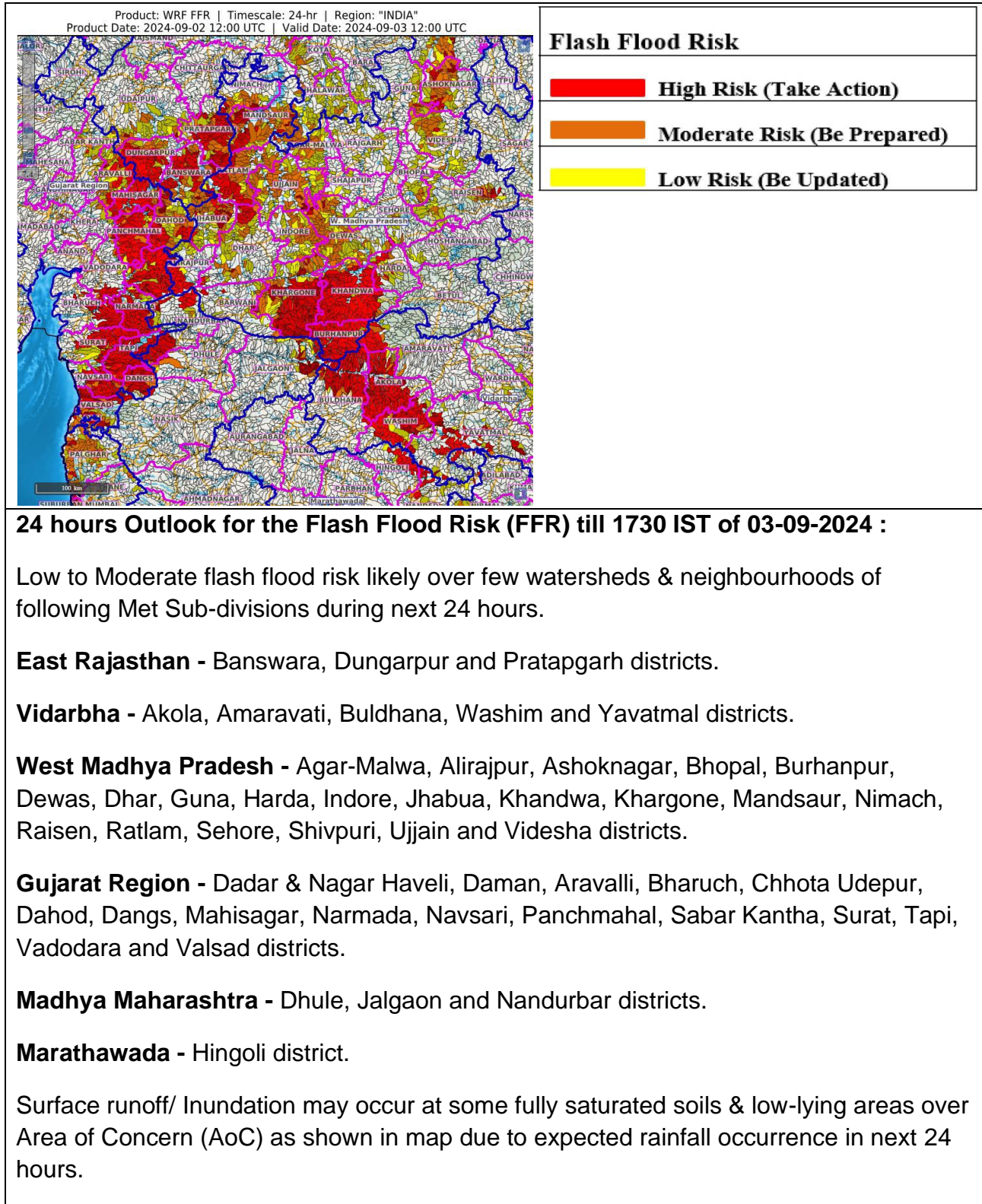






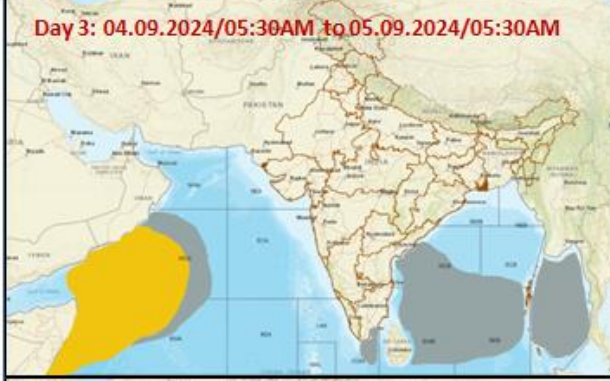
- Action may be taken based on **ORANGE AND RED** COLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

## Flash Flood Guidance





**Fishermen Warning Graphics**



	Squally WX with wind speed 35-45 kmph gusting to 55 kmph
	Squally WX with wind speed 45-55 kmph gusting to 65 kmph
	Squally wind with speed 45-55 kmph gusting to 65 kmph

**Fishermen are advised not to venture into the marked areas.**



**Significant amount of rainfall recorded from 0830 hours IST to 1730 hours IST of today, the 02<sup>nd</sup> September, 2024 (cm):**

**Gujarat Region:** Tapi 21, Navsari 15, Bharuch 14, Dang 10, Surat 7, Sabar kantha 6, Ahmadabad 3;

**East Rajasthan:** Banswara 7, Alwar 6;

**Vidarbha:** Akola 4, Yeotmal 4, Washim 3, Verda 2;

**West Madhya Pradesh:** Sarwsawa 3,