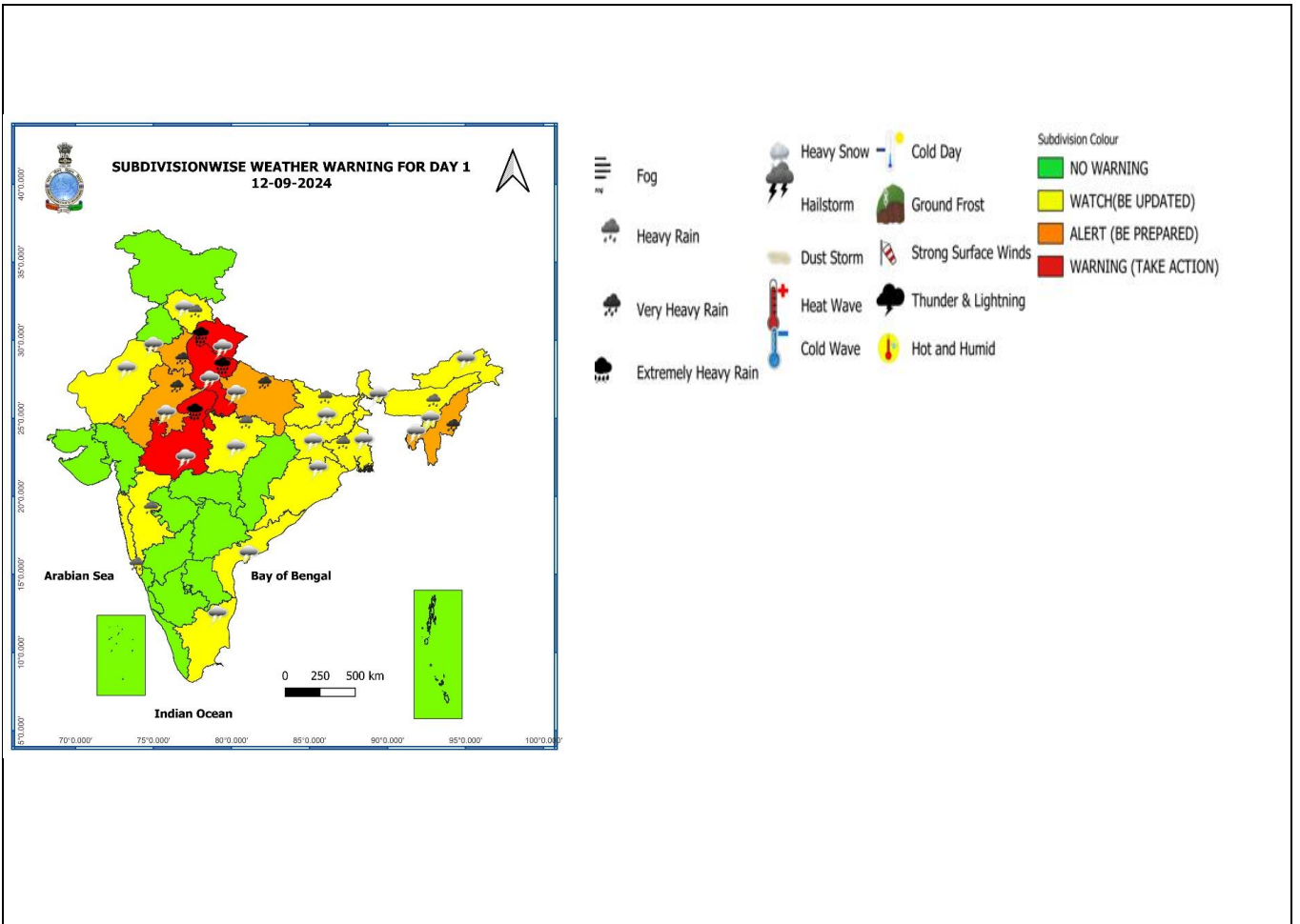


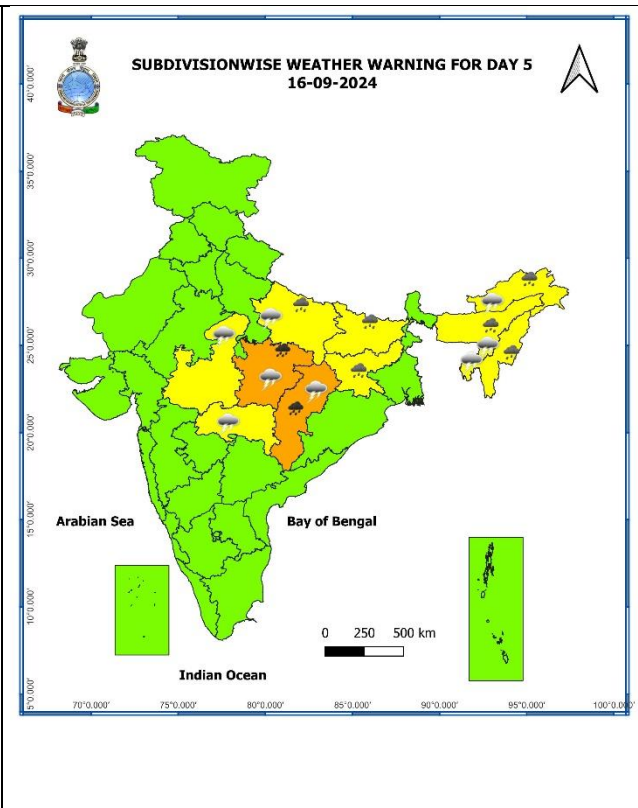
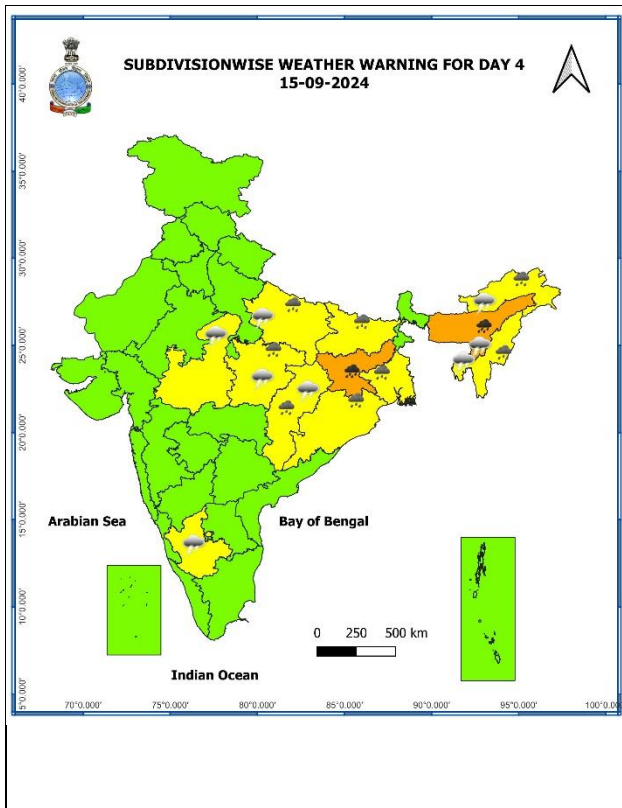
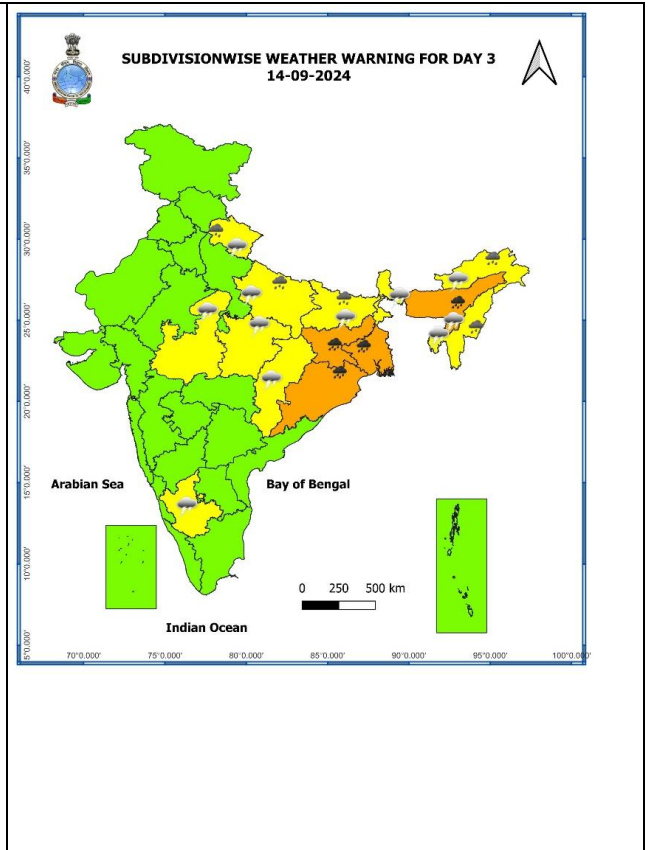
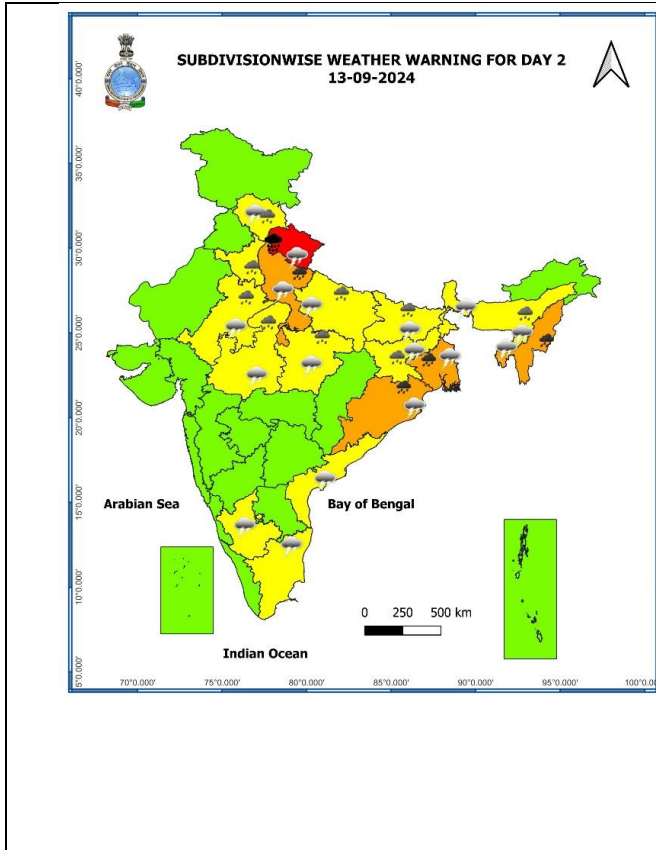
Heavy Rainfall Warning based on 0300 UTC of 12th September, 2024

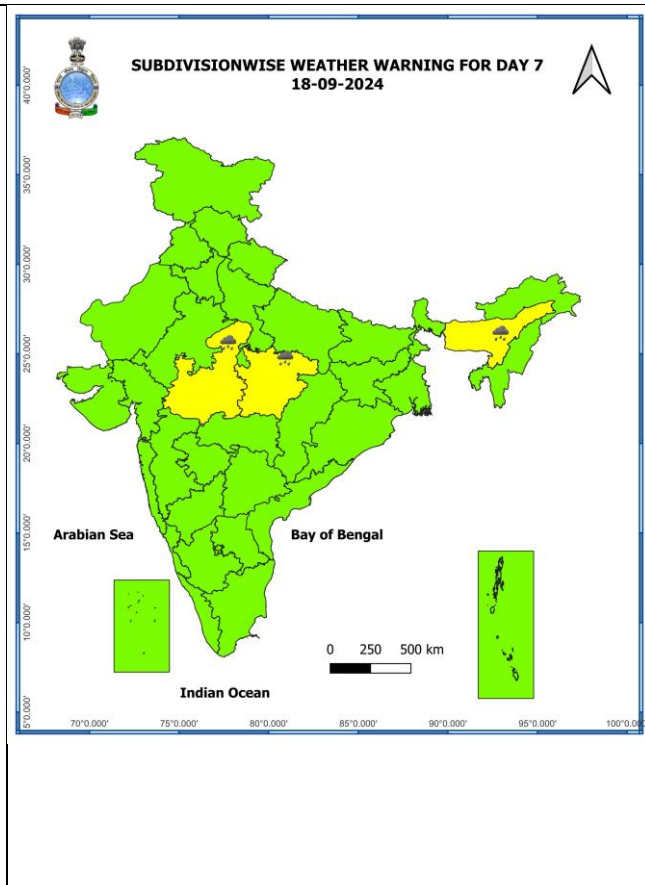
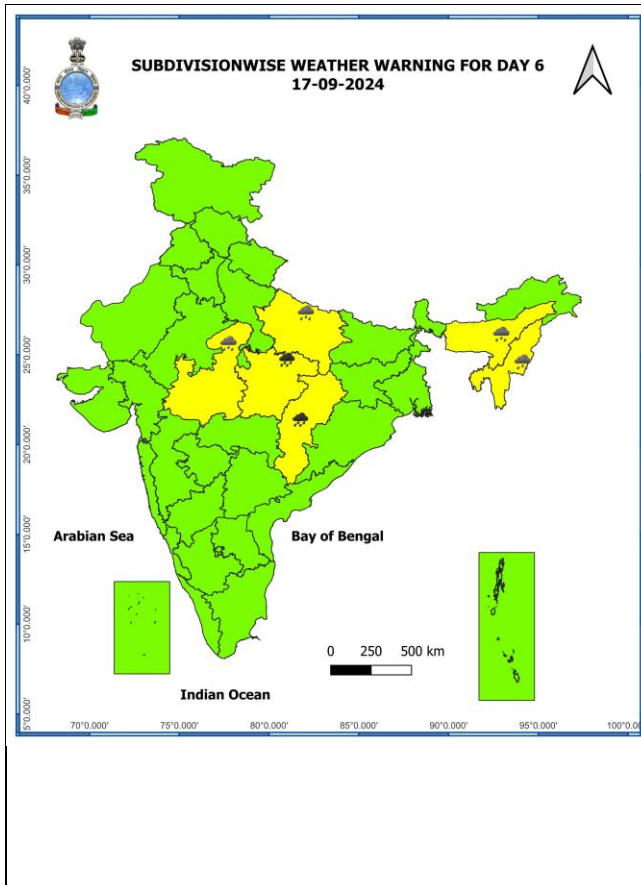
(i) Rainfall warning

- **Uttarakhand:** Light to moderate rainfall at most places is very likely with **heavy to very heavy rainfall** at a few places and **extremely heavy rainfall** at isolated places on 12th & 13th ; **heavy rainfall** at isolated places on 14th September.
- **West Uttar Pradesh:** Light to moderate rainfall at most places is very likely with **heavy to very heavy rainfall** at a few places and **extremely heavy rainfall** at isolated places on 12th **heavy to very heavy rainfall** at isolated places on 13th and **heavy rainfall** at a few places on 14th September.
- **East Uttar Pradesh:** Light to moderate rainfall at many places is very likely with **heavy rainfall** at a few places on 12th and at isolated places on 13th & 14th September.
- **West Madhya Pradesh:** Light to moderate rainfall at many places is very likely with **heavy to very heavy rainfall** at a few places over northwest Madhya Pradesh on 12th; **heavy rainfall** at isolated places on 13th & 14th September.
- **East Madhya Pradesh:** Light to moderate rainfall at most places is very likely with **heavy rainfall** at few places over northeast Madhya Pradesh on 12th and **heavy rainfall** at isolated places on 13th and 14th September.
- **East Rajasthan:** Light to moderate rainfall at many places is very likely with **heavy to very heavy rainfall** at a isolated places over northeast Rajasthan on 12th and **heavy rainfall** at isolated places on 14th September.
- **Haryana:** Light to moderate rainfall at most places is very likely with **heavy to very heavy rainfall** at a few places over south Haryana on 12th and **heavy rainfall** at isolated places on 13th & 14th September.

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

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 13-09-2024 :

Moderate to High flash flood risk likely over few watersheds & neighbourhoods of West

Uttarakhand – Pauri Garwal, Tehri Garwal, Dehradun, Uttarkashi, Rudraprayag, Bageshwar, Almora, Nainital, Champawat, Chamoli and Pithoragarh districts

Himachal Pradesh – Simla, Sirmour, Kullu and Kinnaur districts

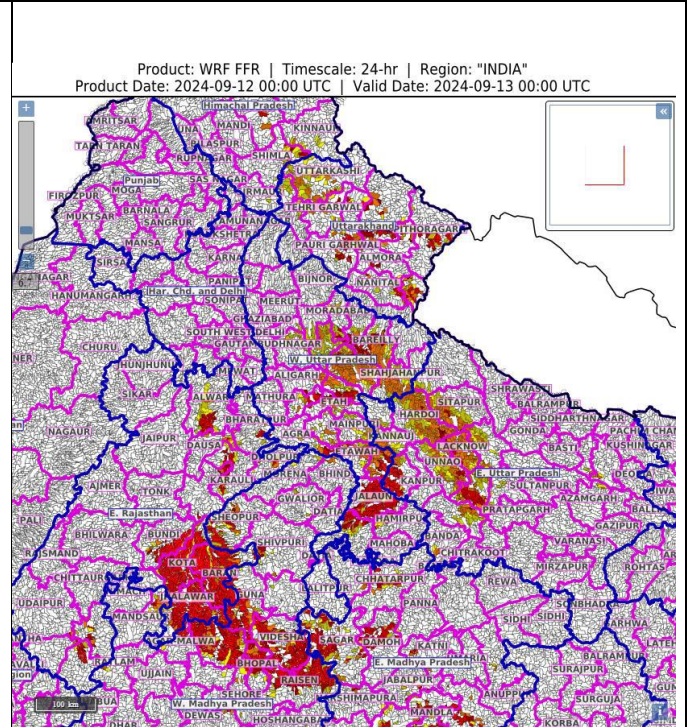
Uttar Pradesh – Moradabad, Rampur, Bareilly, Philiphit, Jyotibaphule Nagar, Sambhal, Badaun, Bulandsahar, Aligarh, Kanshiram Nagar, Mahamayanagar, Etah, Auraiya, Etah, Shahjahanpur, Firozabad, Mainpuri, Etawah, Auraiya, Hamirpur, Jalaun, Jhansi, Kannauj, Kanpur Dehat, Hardoi, Keeri, Sitapur, Lacknow, Unnao, Raibareli, and Barabanki districts.

East Madhya Pradesh - Chhatarpur, Damoh and Sagar districts.




West Madhya Pradesh – Agarmalwa, Ashoknagar, Bhind, Bhopal, Datia, Guna, Morena, Rajgarh, Sheopur, Shivpuri, Raisen, and Videsha districts.

East Rajasthan – Kota, Baraj, Jhalawar, Pratapgarh, Alwar, Dausa, Bundi, Karauli and Bharatpur 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 24 hours.



Flash Flood Risk

	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)