

Heavy Rainfall Warning based on 0300 UTC of 14th September, 2024

Gangetic West Bengal (including Kolkata): Light to moderate rainfall at most places is very likely with **heavy to very heavy rainfall** at few places over Gangetic West Bengal and **extremely heavy rainfall** at isolated places over south Gangetic West Bengal on 14th, **heavy rainfall** at isolated places on 15th September.

Sub-Himalayan West Bengal: Light to moderate rainfall at most places is very likely with **heavy rainfall** at isolated places on 14th September.

Odisha: Light to moderate rainfall at most places is very likely with **heavy to very heavy rainfall** at a few places over Odisha and **extremely heavy rainfall** at isolated places over north Odisha on 14th and **heavy to very heavy rainfall** at isolated places on 15th and **heavy rainfall** at isolated places over Odisha 16th September.

Jharkhand: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places and **extremely heavy rainfall** over south Jharkhand on 14th & 15th and **heavy rainfall** at isolated places over Odisha 16th September.

Bihar: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places very likely on 14th & 15th and **heavy rainfall** at isolated places over Odisha 16th September.

Chhattisgarh: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places on 14th & 15th and **Extremely very heavy rainfall** over north Chhattisgarh on 15th September and **heavy rainfall** at isolated places on 16th September.

East Madhya Pradesh: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places on 15th ; **heavy to very heavy rainfall** at a few places with **Extremely very heavy rainfall** at isolated places over northeast Madhya Pradesh Chhattisgarh on 16th September and **heavy to very heavy rainfall** at isolated places on 17th September.

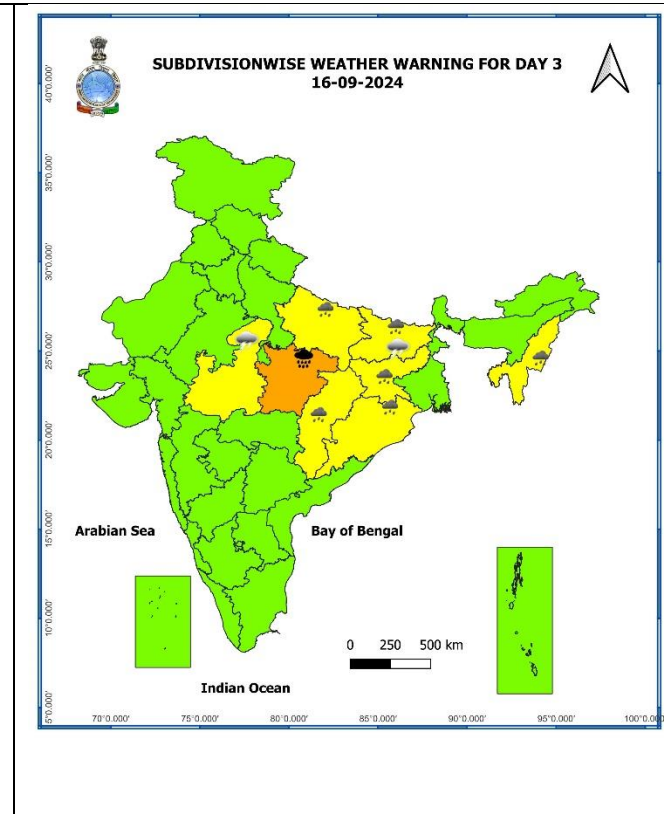
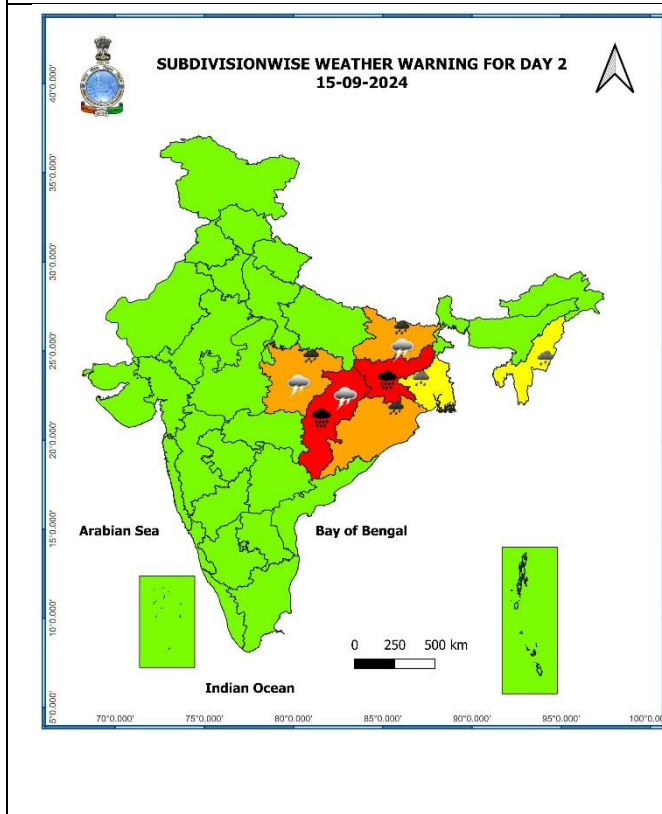
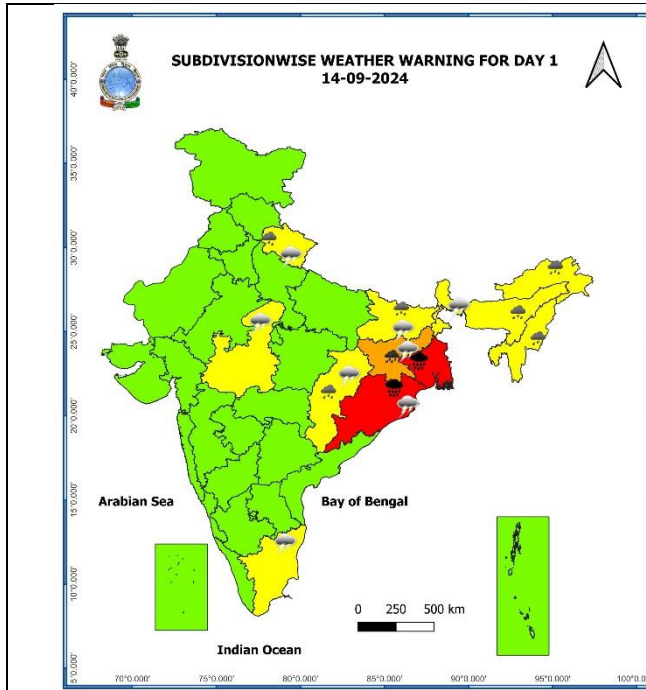
East Uttar Pradesh: Light to moderate rainfall at most places with **heavy rainfall** at isolated places on 16th & 17th September.

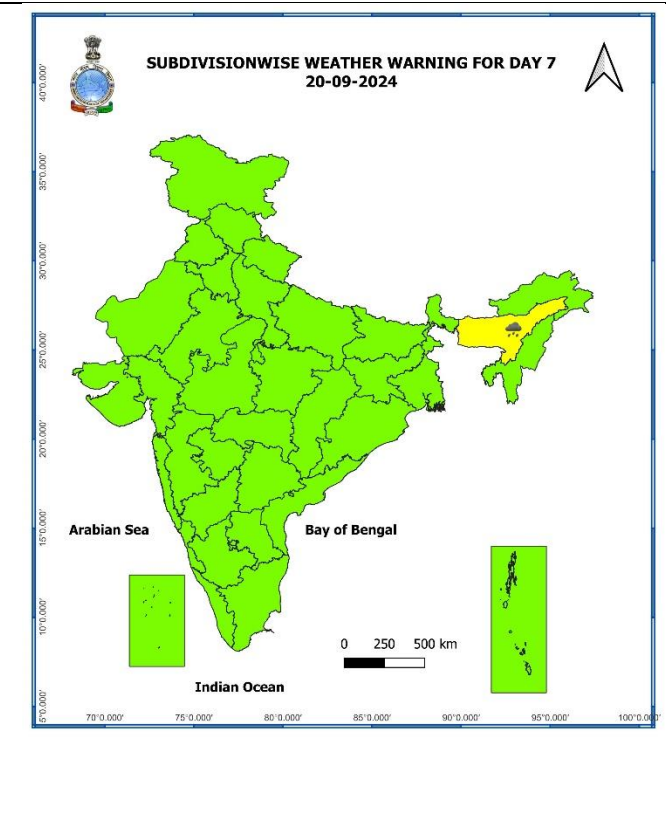
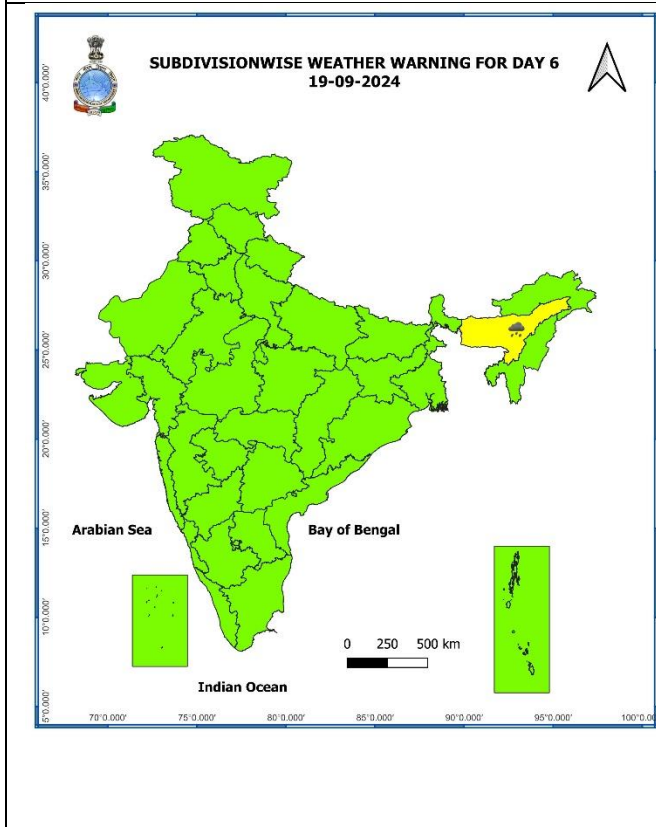
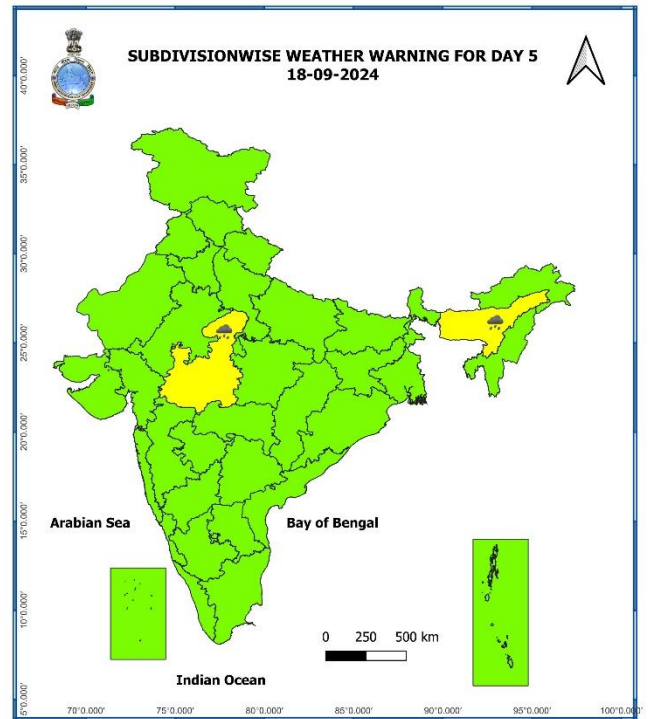
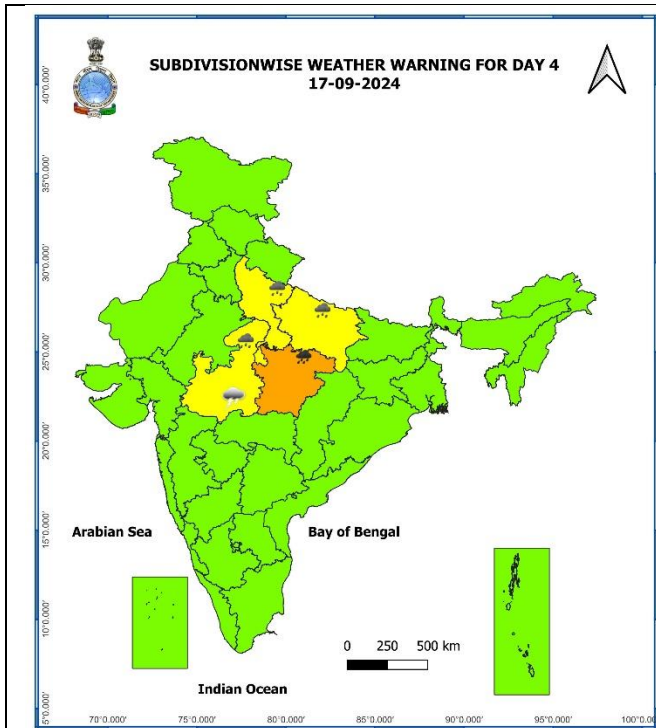
West Madhya Pradesh: Light to moderate rainfall at most places with **heavy rainfall** at isolated places on 17th & 18th September.

Mizoram & Tripura: Light to moderate rainfall at most places is very likely with isolated **heavy rainfall** during 14th -16th September.

Assam & Meghalaya: Light to moderate rainfall at many places is very likely with isolated **heavy rainfall** on 14th September.

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

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 15-09-2024 :

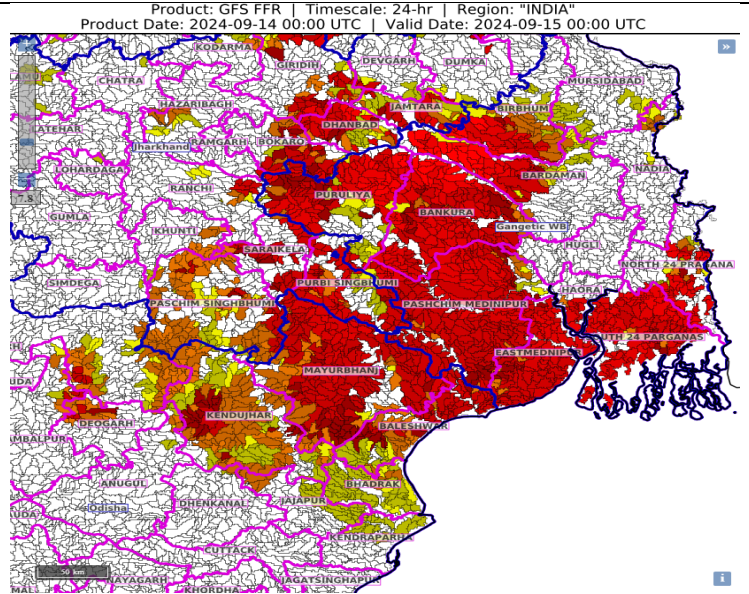
Moderate to High flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Odisha - Baleshwar, Bhadrak, Deogarh, Jajapur, Kendujhar, Mayurbhanj and Sundargarh districts.

Gangetic West Bengal - Bankura, Bardaman, Birbhum, Eastmednipur, Haora, Kolkata, North 24 Pragana, Pashchim Medinipur, Puruliya and South 24 Parganas districts.

Jharkhand - Bokaro, Dhanbad, East Singhbhum, Giridih, Hazaribagh, Jamtara, Khunti, Koderma, Ranchi, Saraikela and West Singhbhum 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.



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