

Baart sarkar

Government of India

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Central Water Commission

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**ADVISORY FORECAST FOR RAPID RISE IN WATER LEVELS OF RIVERS IN
MAHARASHTRA, GOA, KARNATAKA, KERALA**

Advisory Forecast No.2

Issued Date and Time: 06.06.2018 1500hrs

Rainfall Forecast issued by India Meteorological Department on 6th June 2018 indicate that Heavy to Very Heavy rainfall at a few places with extremely heavy fall at isolated places over Konkan & Goa, Madhya Maharashtra during 7th to 12th June 2018. Heavy to Very Heavy rainfall is also likely to occur over Coastal Karnataka on 7th and throughout Karnataka during 9th to 11th June. Heavy to very heavy rainfall is also likely to occur at isolated places over Kerala during 9th and 10th June 2018.

Due to this warning, there is likelihood of rise in Water Levels in various river basins such as West Flowing rivers Between Tapi and Tadri, Godavari and its tributaries near the west coast, Krishna and its tributaries near west coast, Cauvery and its tributaries near west coast as well as in West flowing rivers between Tadri and Kanyakumari.

The likely impact of these rains as inferred from rainfall runoff model run for 3 days advisory forecast is rapid Rise in water levels of rivers as stated above and detailed as under:

Urban Flooding in Mumbai: Due to the forecasted very heavy rains in and around Mumbai and advance of Southwest monsoon causing tidal waves, there is likelihood of inundation in some of the heavy rainfall affected urban areas of Mumbai City.

West Flowing Rivers Basin: Rivers having source in Western Ghats and flowing into Arabian Sea may witness flash floods in association with the forecasted rainfall. Since most of the rivers are dry, necessary precautions to control the activities along

the river bed may be taken as flow may increase suddenly drowning men and materials.

Damanganga Basin: Due to the expected rainfall, River Damanganga and its tributaries is expected to rise in Nasik district of Maharashtra, Valsad district of Gujarat and Daman district in Daman and Diu Union Territory. Since most of the rivers are dry, necessary precautions to control the activities along the river bed may be taken as flow may increase suddenly drowning men and materials.

Godavari Basin: River Godavari is likely to rise in Upstream reaches in district of Nasik, Ahmednagar and Aurangabad district. Since almost all the dams are in very low level, this rain may give inflows into various upstream reservoirs.

Krishna Basin: River Krishna and its tributaries are likely to rise in upstream districts of Satara, Sangli, Kolhapur, Pune, Sholapur districts as well as in Bagalkote, Vijayapura and Kalaburagi district on Krishna and in Chikmagaluru, Shivamogga and Ballari districts on river Tungabhadra in Karnataka. Since almost all the dams are in very low level, this rain may give inflows into various upstream reservoirs.

West Flowing Rivers: Rivers flowing West into Arabian Sea south of Tapi in Maharashtra, Goa and Karnataka are also likely to rise and inundate areas in Raigad, Thane, Ratnagiri and Sindhudurg districts of Maharashtra and in Uttara Kannada, Udupi and Dakshina Kannada districts in Karnataka. Traffic along the old road and rail bridges in Konkan Railway along these river reaches have to be regulated accordingly.

Cauvery Basin: River Cauvery and its tributaries in upstream reaches in Kodagu, Chikmagaluru, Hassan and Mysuru districts of Karnataka and Wynad district of Kerala are likely to rise in association with the forecasted rainfall. However, as the dams in the basins have sufficient storage and hence the expected rainfall may give some inflows into these reservoirs depending on the severity of the rainfall.

Please visit <http://india-water.gov.in/ffs> and <http://120.57.32.251> for updated sitewise status and forecast.

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(Xard cand` / Sharad Chandra)
inadoSak (ef ef ema) / Director (FFM)

Copy forwarded for favour of kind information and necessary action to:

1. Secretary cum Relief Commissioner, Dept of Revenue & Disaster Management/SDMA, Govt. of Maharashtra/ Karnataka/ Kerala, Mumbai/ Bengaluru/Tiruvananthapuram.

2. Chief Engineer KGBO/Mon(C)/ NTBO/MSO/CSRO, CWC, Hyderabad/ Nagpur/ Gandhinagar/Bengaluru/Coimbatore.
3. Superintending Engineer, Godavari Circle, Krishna Circle, CSRC, HOCC, CWC, Hyderabad/ Bengaluru with a request to liaise with respective State Governments for further updates.
4. Executive Engineer, TD / UKD/ UGD/ LKD/ UGD/ LGD/CD/SRD/SWRD/ CWC Surat/ Pune/ Hyderabad/Bengaluru/Coimbatore/Kochi for uploading hydro-meteorological data in CWC FF website on hourly regular basis for all sites.
5. FMO, IMD, Ahmedabad/Hyderabad/Bengaluru
6. Hydromet Unit, IMD, New Delhi.
7. Resident Commissioner for Maharashtra/ Karnataka/ Kerala.
8. Chairman, NHAI
9. Chairman, Railway Board, New Delhi.
10. Konkan Railway Corporation.

Copy forwarded for favour of kind information to:

11. Member, NDMA, New Delhi.
12. DG, NDRF, New Delhi.
13. DG, IMD, New Delhi.
14. Joint Secretary (Disaster Management), MHA, New Delhi
15. Joint Secretary (PP), NDMA, New Delhi.
16. PS to Secretary, MoWR RD&GR, New Delhi
17. Sr PPS to Chairman, CWC, New Delhi.
18. PPS to Member (River Management), CWC, New Delhi.
19. PS to Commissioner (FM), MoWR RD&GR, New Delhi.
20. PIB, MoWR RD&GR, New Delhi.
21. PS to Chief Engineer, (Flood Management), CWC, New Delhi.
22. Shri S K Pandey, DD (Media & Communication), MoWR RD&GR, New Delhi