

Office of the Chief Engineer
Investigation & Design,
3rd Floor, Vikas Bhavan
Thiruvananthapuram- 695033
Phone/Fax: 0471- 2784001
e-mail: idrbtvm@gmail.com

Date: 06/05/2023

CIRCULAR

Sub: Monsoon 2023 – Early Preparedness in tackling monsoon and streamlining dam operations to ensure safety

In order to ensure smooth management in operating the dams/barrages during the forthcoming monsoon, the concerned Superintending Engineers under whose jurisdiction the dams/barrages fall shall ensure strict compliance of the directions mentioned below.

- a. Inform this office the current working Status of Satellite phones along with duly filled-in *proforma* enclosed with Circular No.DS-AD5/3/2018-IDRB dated 04/12/2019
- b. Ensure that the approved Emergency Action Plans of dams are communicated to the District Disaster Management Authority (DDMA) well in advance by the concerned Executive Engineers under whose jurisdiction the dam falls and all the relevant details are briefed to the concerned District officials.
- c. Operation & Maintenance manuals shall be updated as on date so as to refer the same at any point of time.
- d. The Executive Engineers in-charge of dams shall conduct Pre-monsoon inspection urgently, according to the approved CWC guidelines and submit the report in the prescribed *proforma*. The same shall also be upload in "DHARMA" before 27th May 2023
- e. Based on the quarterly inspection as mentioned in para (d), the Executive Engineers in-charge of dams/barrages shall ensure smooth functioning of spillway shutters along with other maintenance works that might affect the smooth functioning of dam/barrage, in coordination with Mechanical & Electrical wing as required.
- f. All the officials under whose jurisdiction the dam/barrage falls shall keep updated details of reservoirs namely water levels, rainfall, storage, warning levels, inflow-outflow, and other hydraulic particulars at all time. Also, the particulars shall be furnished to this office before 9 AM on a daily basis.

- g. Inventory of details (as mentioned in para (f)) regarding the operation of dams/barrages during 2018, 2019 and 2020 shall also be kept ready.
- h. Ensure that the canal stretches are free from debris or other blockages and all spouts in the project area are kept open and hindrance free during monsoon to allow smooth flow of runoff.
- i. The shutters of all water retaining/ regulating structures like check dams, VCBs etc shall be kept open during monsoon.
- j. All the officers under whose jurisdiction the water retaining structures are present, shall be on constant vigil at all point of time till the monsoon recedes.
- k. Necessary permissions shall be obtained and communication given to all authorities in a timely manner (preferably before 24 hrs) before releasing water from the dams/barrages, as per directions in ORANGE BOOK.
- l. The Superintending Engineers should contact the officials of adjacent basins including KSEB and the daily Basin wise monitoring report may be forwarded to jddsisw@gmail.com in the prescribed format.
- m. Round the clock monitoring should be arranged at Dam sites during monsoon and the Executive Engineers should issue circular to the field staff fixing duties and time table for the same.
- n. Necessary power supply/ standby Generators should be ensured during the monsoon period.
- o. All dam Engineers are directed to take necessary actions to pump the excess water inside the gallery avoid flooding of galleries during the monsoon period, as this may cause damage to the instruments installed inside the gallery.



CHIEF ENGINEER (FAC), IDRIB

Copy to:

1. The Chief Engineer, I & A, Thiruvananthapuram
2. The Chief Engineer, Projects I, Kozhikode
3. The Chief Engineer, Projects II, Thiruvananthapuram
4. The Chief Engineer, Mechanical,
Thiruvananthapuram

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