

Office of the Chief Engineer,  
Irrigation & Administration,  
Thiruvananthapuram,  
Dated : 07 /07/2020.

**Circular**

Sub:- Dam Safety measures to be taken for cyclone forecast – Directions -reg

Ref :

As per weather forecast, cyclones are anticipated in the coast of Kerala which may lead to heavy rain in the coming days. All dam Engineers are requested to make sure for the emergency preparedness of dam operation arising out of any critical situations. Since the dams and barrages in the Irrigation Department are under the control of Chief Engineers of Projects-I and Projects-II, and Chief Engineer IDRIB, the Superintending Engineers under whose jurisdiction the dams/barrages falls shall update all the information pertaining to safety of dams/barrages with the concerned Chief Engineer. In order to ensure smooth management,

- All Dam Executive Engineers are to ensure strict coordination with the concerned District authorities and SDMA officials regarding updated progress of weather conditions and inflow to reservoirs and keep the reservoir levels as per rule curve in coordination with District Administration
- Satellite phones shall be ensured to be in working condition
- Instructions in ORANGE BOOK of Disaster Management Authority, Emergency Action plan and Operation and maintenance manuals should be adhered to for any action.
- Executive Engineers incharge of dams/barrages shall inspect the dams and ensure smooth functioning of spillway shutters along with other maintenance works that might affect the smooth functioning of dam/barrage. For the compliance of the same, the Executive Engineers may contact with Mechanical & Electrical wing if required.

- All the officials under whose jurisdiction the dam/barrage falls shall possess updated details of reservoirs/ dams regarding water levels, storage charts, Warning levels, inflow, outflow, Live & Dead storage (updated), Spill way capacity, Hydraulic details etc at all times and furnish the same whenever asked upon.
- Inventory of details regarding operation of dams/barrages during 2018 and 2019 floods shall also be kept ready.
- During monsoon, it shall be ensured that all the spouts in the project area shall be kept open.
- During monsoon, the shutters of all water retaining structures like regulators, check dams, VCB's etc shall be kept open.
- The dam engineers should have a close coordination with minor/major division Executive Engineers so that other structures in vicinity shall be taken care of while opening of shutters in excess rainfall events
- The communication details may be shared with the concerned officers.
- Round the clock presence of officials at dams should be ensured.

The updated details should be mailed to [jointdirectormonitoring@gmail.com](mailto:jointdirectormonitoring@gmail.com)

Sd/-

Chief Engineer (I&A)

To

Chief Engineer ( Project I, Kozhikode / Project II, Thiruvananthapuram / IDR, Thiruvananthapuram/ IWT & Kuttanad, Alapuzha/ Mechanical, Thiruvananthapuram for information and necessary action.

Superintending Engineer ( Minor Irrigation Circle, Thiruvananthapuram/ Minor Irrigation Central Circle, Ernakulam/ Irrigation South Circle, Thiruvananthapuram/ Irrigation North Circle, Kozhikode for information and necessary action.

Deputy Chief Engineer, Irrigation Works/ Executive Engineer, Irrigation Works / Executive Engineer, Planning & IT Cell for information and necessary action.