

No.800/2019/IDRB/DS2/AD2

Office of the Chief Engineer
(I&D), IDRB, VikasBhavan 3rd Floor
Thiruvananthapuram – 695 033
Dated : 06/05/2020


CIRCULAR

In the light of prediction by IMD that the probability of South-West monsoon for 2020 will be from above normal, ie, more than 104% of Long Period Average (LPA), Government has specifically directed to review the status of all dams/barrages under Irrigation Department as part of readiness in responding to an extreme rainfall event (ERE); should one occur. Since the major dams and barrages in the Irrigation Department are under the control of Chief Engineers of Projects-I and Projects-II, except for Peechi dam which is under the control of the undersigned, 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. Apart from the above, 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 falls shall ensure strict compliance of the directions mentioned below.

- a. Inform the current working Status of Satellite phones along with the *proforma* enclosed with Circular No.DS-AD5/3/2018 - IDRB dated 04/12/2019 uploaded in the department website (www.irrigation.kerala.gov.in) *duly filled as on date to this office.*
- b. Approved Emergency Action Plans of dams shall be communicated to District Disaster Management Authority (DDMA) well in advance by the concerned Executive Engineers under whose jurisdiction the dam falls.
- 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 Quarterly inspection at the earliest if not conducted according to the approved guide lines and submit the report in the *proforma* and shall also upload the same in "DHARMA" **before 8th May 2020.**
- e. Based on the 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. For the compliance of the same, the Executive Engineers may contact with Mechanical & Electrical wing if required.

- f. 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.
- g. Inventory of details (*as mentioned in para (f)*) regarding operation of dams/barrages during 2018 and 2019 floods shall also be kept ready.
- h. During monsoon, it shall be ensured that all the spouts in the project area shall be kept open.
- i. During monsoon, the shutters of all water retaining structures like regulators, check dams, VCB's etc shall be kept open.
- j. All the officers who deals with the above mentioned water retaining structures shall be on constant vigil at all point of time.



CHIEF ENGINEER
IDRB & Member Secretary
Kerala Dam Safety Authority

Copy to

- 1) The Chief Engineer, I&A, Thiruvananthapuram for information and to publish the same in the website of Department.
- 2) The Chief Engineer, Projects –I, Kozhikkode.
- 3) The Chief Engineer, Projects – II, Thiruvananthapuram.
- 4) The Chief Engineer, Mechanical, Thiruvananthapuram.
- 5) The Chief Engineer, Kuttanad Package, Alapuzha.