

GOVERNMENT OF INDIA  
MINISTRY OF JAL SHAKTI,  
DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 4131**  
ANSWERED ON 12.12.2019

**RESERVOIRS IN WESTERN GHAT**

4131. SHRI RAVIKUMAR D.

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether reservoirs situated in the western Ghats are prone to tremors;
- (b) if so, whether the Government has any reliable data in this regard; and
- (c) if so, the measures taken by the Government to avoid the danger?

**ANSWER**

THE MINISTER OF STATE FOR JAL SHAKTI & SOCIAL JUSTICE AND EMPOWERMENT

(SHRI RATTAN LAL KATARIA)

(a) to (c) Western Ghats region falls in Zone II,III & IV on the seismic zoning map of India given by Bureau of Indian Standards (BIS). Dams/reservoirs are designed taking into account the seismic coefficients as prescribed in the BIS code. Dams/ reservoirs including those in the Western Ghats are designed taking into account site specific seismic design parameters and approved by National Committee on Seismic Design Parameters (NCSDP). Instrumental monitoring of local seismicity around major reservoirs including those along Western Ghats is being continuously done by respective dam authorities.

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