



Bhadar Dam: Gujarat

Why in News

Recently, the [Dam Safety Organisation of the Central Water Commission](#) has recommended replacement of floodgates of **Bhadar dam** which were damaged in the [flash flood of 2015](#).

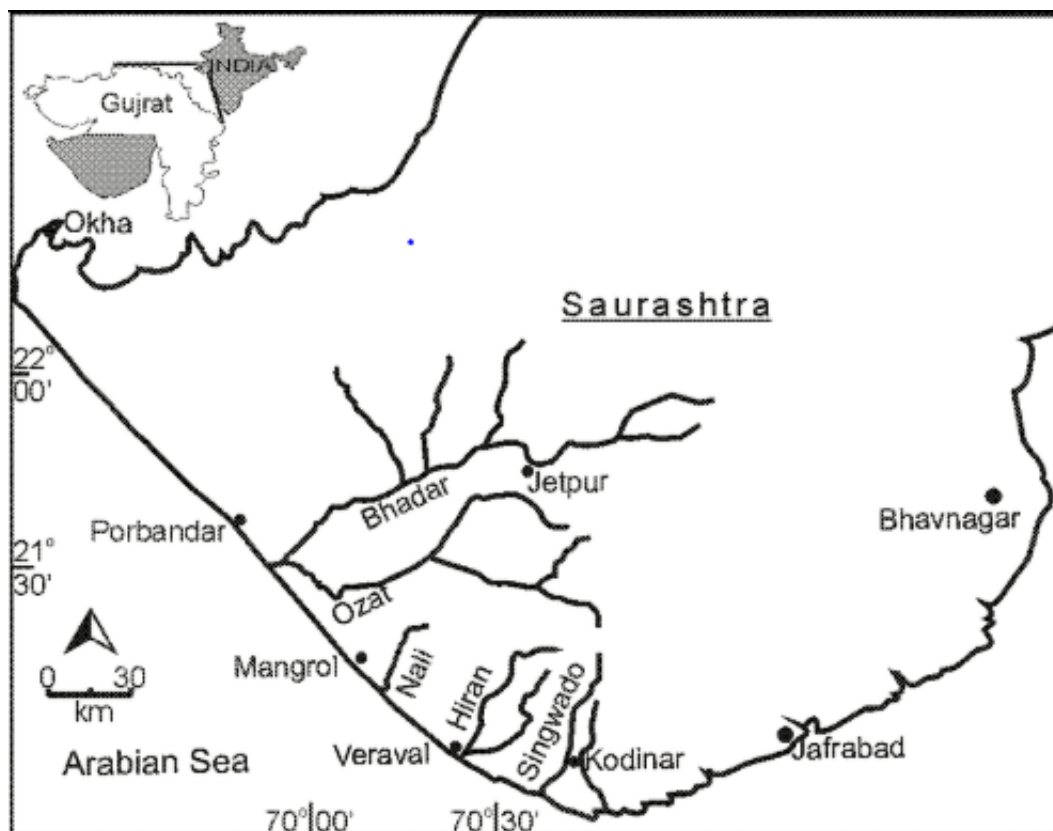
Key Points

▪ About Bhadar Dam:

- Bhadar dam is **located in Rajkot** and is **second largest in Saurashtra region after Shetrunji dam**.
- Bhadar dam is on the **Bhadar River** in Saurashtra region in Gujarat.

▪ Bhadar River:

- The Bhadar is one of the major rivers of **Kathiawar (Saurashtra) peninsula** in Gujarat.
- It **originates** near Vaddi **in Rajkot district** at an elevation of 261 m above mean sea level.
- It flows through the Saurashtra region and finally confluence **with Arabian sea at Naviobandar (Porbandar)**.
- The total length of this river is 198 km. It drains about 1/7th of the area of Saurashtra.



Flash Flood

- Flash floods are typically associated with **short, high-intensity rainstorms**.
- These are **sudden surges in water levels** during or following an intense spell of rain.
- These are **highly localised events of short duration** with a very high peak and usually have less than six hours between the occurrence of the rainfall and peak flood.
- The flood situation worsens in the presence of choked drainage lines or encroachments obstructing the natural flow of water.

Central Water Commission (CWC)

- The Central Water Commission is the **apex technical organisation** in the country for **development of water resources** and is an attached organization of the **Ministry of Water Resources**.
- The Commission is responsible for **initiating, coordinating and furthering, in consultation** with the State Governments, the schemes for control, conservation, development and utilization of water resources throughout the country for the purpose of irrigation, flood management, power generation, navigation etc.

[Source:IE](#)

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