



Heavy Rains in Kerala

Why in news?

\n\n

- \n• Southwest monsoon has caused a series of floods and landslides in several districts of Kerala.
- \n• One of the five shutters of the Cheruthoni dam on Idukki reservoir was opened as waters rose close to the maximum storage level.

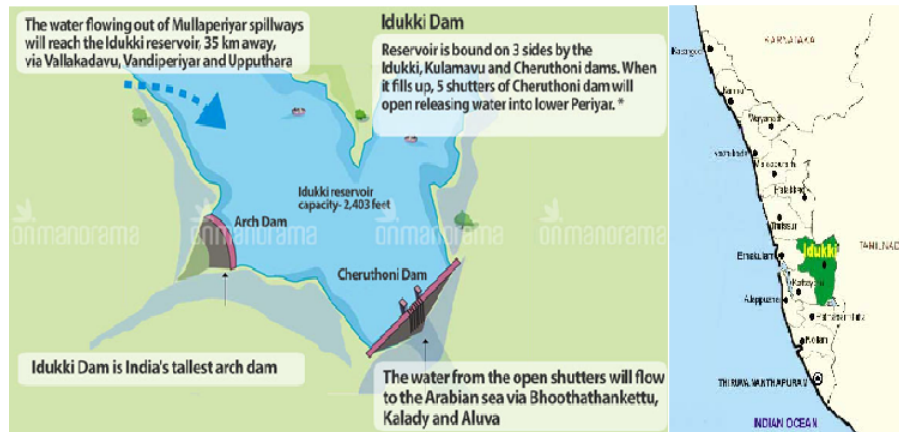
\n\n

Why is Idukki significant?

\n\n

- \n• Idukki is one of the largest arch dams in Asia that was commissioned in 1975.
- \n• The Idukki lake sprawls across Kerala's lifeline Periyar river.
- \n• It was created by the arch dam of Idukki, and the smaller Cheruthoni and Kulamavu dams.
- \n• The Idukki arch dam has no shutters.
- \n• The Cheruthoni dam has been opened only twice (1981 and 1992), both during the northeast monsoon.
- \n• The recent one is the third time and after a gap of 26 years.
- \n• Notably, this is the first time that the dam was opened due to rains from southwest monsoon.

\n\n



\n\n

How is the southwest monsoon in Kerala?

\n\n

\n

- Kerala as a whole has received 15% excess rain and Idukki district got 41% excess until the first week of August.

\n

- Persistent rain since the onset of the monsoon has left Idukki and other reservoirs downstream overflowing.

\n

\n\n

\n

- The dam was opened to ease the pressure of water on the Idukki hydel reservoir.

\n

- Also, for the first time, shutters of 22 dams including Idamalayar were opened due to heavy rains.

\n

\n\n

\n\n

Source: Indian Express

\n



IAS PARLIAMENT

Information is Empowering

A Shankar IAS Academy Initiative