



# Banas River in Rajasthan

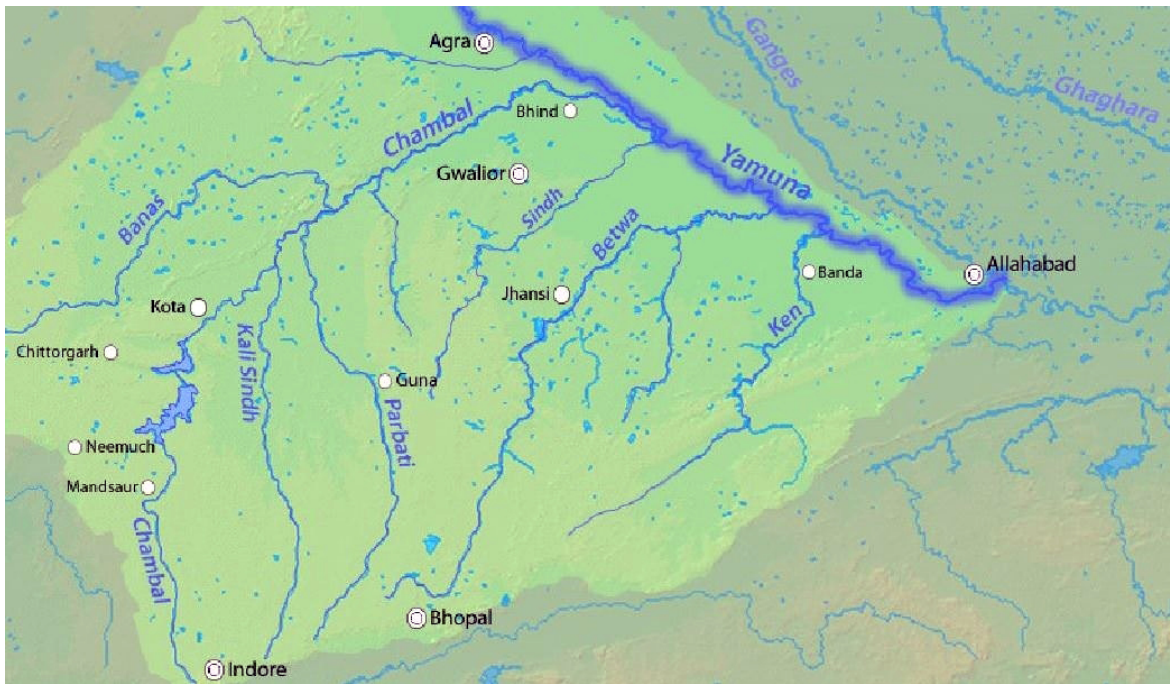
## Why in News?

Several individuals lost their lives due to drowning in the [Banas River](#) in **Rajasthan's Tonk district**.

## Key Points

### ▪ About Banas River:

- **Location and Origin:**
  - The Banas River is located in the northwestern Indian state of Rajasthan.
  - It originates near Kumbhalgarh in the [Aravalli hills](#).
- **Course and Flow:**
  - It flows northeastward onto the plains before merging with the [Chambal River](#) just north of Sheopur.
  - The total length of the river is approximately 310 miles (500 km).
- **Seasonal Nature and Use:**
  - The Banas is a **seasonal river**, often running dry during the hot summer months.
  - Despite its seasonal nature, it serves as an important source of irrigation in the region.
- **Tributaries:**
  - The main tributaries of the Banas River are the **Berach River and the Kotari River**.
- **Dams:**
  - The [Bisalpur Dam](#) is located on the Banas River. It is a **gravity dam** constructed for **irrigation and drinking water supply**.
    - A gravity dam is a dam made of concrete or masonry and **withstands the pressure of water by its own weight**. Its stability is entirely based on gravity.



## Chambal River

- Chambal River originates at the Singar Chouri peak in the northern slopes of the **Vindhya mountains** (Indore, Madhya Pradesh). From there, it flows in the North direction in Madhya Pradesh for a length of about **346 km** and then follows a north-easterly direction for a length of **225 km** through Rajasthan.
  - It enters Uttar Pradesh and flows for about 32 km before joining the **Yamuna River** in Etawah District.
- It is a rainfed river and its basin is bounded by the **Vindhyan mountain ranges** and the **Aravallis**. The Chambal and its tributaries drain the Malwa region of northwestern Madhya Pradesh.
- The **Hadauti plateau** in Rajasthan occurs in the upper catchment of the Chambal River to the southeast of the **Mewar Plains**.
- **Tributaries:** Banas, Kali Sindh, **Sipra**, **Parbati**, etc.
- **Main Power Projects/ Dam:** **Gandhi Sagar Dam**, **Rana Pratap Sagar Dam**, Jawahar Sagar Dam, and Kota Barrage.
- The **National Chambal Sanctuary** is located along River Chambal on the tri-junction of Rajasthan, Madhya Pradesh and Uttar Pradesh.
  - It is known for the critically endangered **gharial**, the **red-crowned roof turtle**, and the endangered **Ganges river dolphin**.