



Rising Water Levels in the Yamuna River

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Why in News?

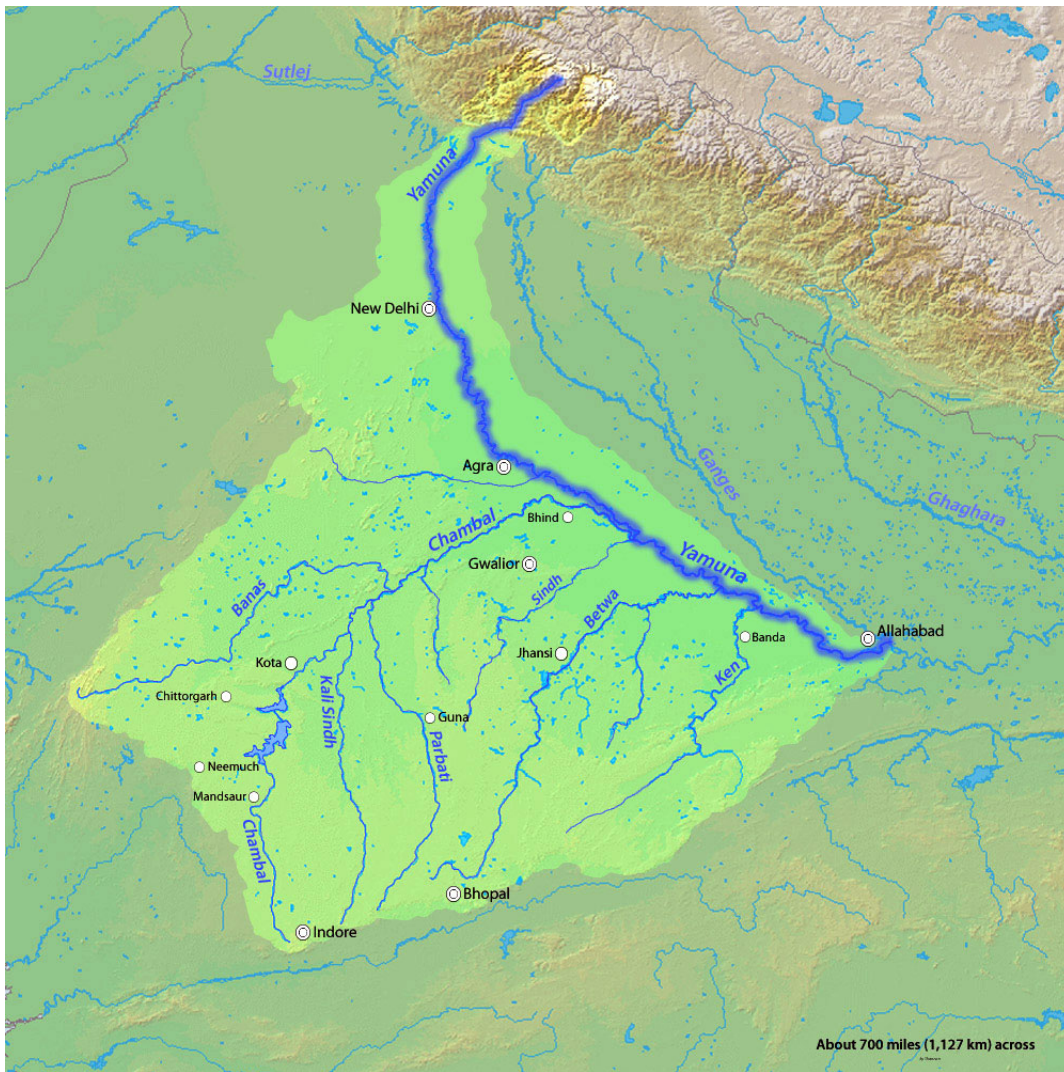
Delhi is currently experiencing a severe **waterlogging crisis due to the rising water levels of the Yamuna River**. The water level has surged to **208.13 meters**, marking the highest recorded level since **1963**.

What is the Cause and Impact of Increasing Water Level of Yamuna?

- **Cause:**
 - Recent **heavy rainfall** in upstream states like **Himachal Pradesh, Uttarakhand, Haryana, and Punjab** are believed to be the main cause of the rising Yamuna River level.
 - The **Hathnikund barrage in Haryana**, responsible for **regulating the flow of the Yamuna into Delhi**, has released a substantial amount of water due to the rainfall.
- **Impact:**
 - The increased water level of the Yamuna has **resulted in flooding in low-lying areas of Delhi**, affecting a significant number of people and disrupting transportation and water supply.
 - **Water supply in Delhi is also impacted as** Delhi government decided to cut down supply by **25%** following the **closure of three water treatment plants due to the rising level of the Yamuna**.

Yamuna River

- **About:** The Yamuna River is one of the major tributaries of the Ganges in Northern India.
 - It forms an integral part of the **Yamuna-Ganga Plain**, one of the world's most extensive alluvial plains.
- **Source:** It has its source in the **Yamunotri Glacier at an elevation of 6,387 meters** on the southwestern sides of **Banderpooch crests** in the lower **Himalayan ranges**.
- **Basin:** It meets the **Ganges at the Sangam (where Kumbh mela is held)** in Prayagraj, Uttar Pradesh after flowing through **Uttarakhand, Himachal Pradesh, Haryana and Delhi**.
- **Important Dam:** Lakhwar-Vyasi Dam (Uttarakhand), Tajewala Barrage Dam (Haryana) etc.
- **Important Tributaries:** Chambal, Sindh, Betwa and Ken.
- **Government Initiatives Related to Yamuna River:**
 - **Yamuna Action Plan**
 - **Delhi Government's Six-Point Action Plan to Clean Yamuna by February 2025**



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