

Gangotri Glacier

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Gangotri Glacier Latest News

A study by IIT Indore and international collaborators reveals that the Gangotri Glacier has lost 10% of its snowmelt flow over four decades due to climate change.

About Gangotri Glacier

- It is **one of the largest glaciers in the Himalayas** and is the **primary source of the Ganges**, the largest river in India.
- It is situated in the **Uttarkashi district of Uttarakhand** in the **Garhwal Himalayas**.
- It **originates** at the **northern slope of the Chaukhamba range** of peaks.
- It is **fed by snow** and ice **from several peaks**, including **Shivling, Thalay Sagar, Meru, and Bhagirathi III**.
- It lies at an altitude of around **4,000 meters bordering Tibet**.
- The glacier is around **30 km in length** and **4 km in width**.
- Popularly known as **Gaumukh**, the **terminus of the glacier resembles a cow's mouth**.

- From its snout at **Gaumukh**, the **Bhagirathi River** emerges, which later joins the **Alaknanda** River to form the **Ganges at Devprayag**.
- The Gangotri Glacier holds **immense religious significance in Hinduism** and is visited by thousands of **pilgrims** every year, who **trek up to Gaumukh**, the source of the Ganges.

Source: DTE

Source: <https://vajiramandravi.com/current-affairs/gangotri-glacier/>

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