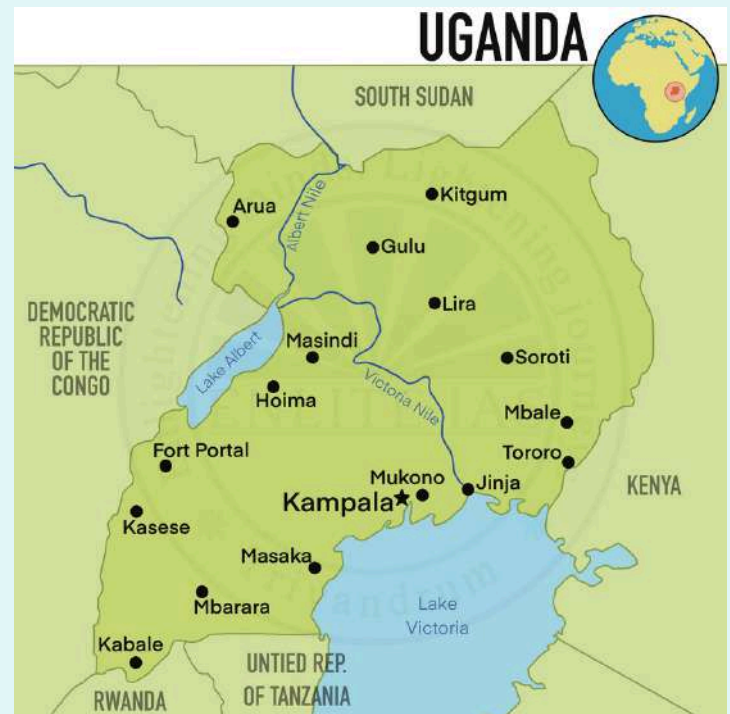


DATE: 28 AUGUST 2026

1 Uganda (Source: The Hindu)

- **Location:** Uganda is a landlocked country in East Africa.
- **Capital:** Kampala
- **Border Countries:** Kenya, South Sudan, Democratic Republic of the Congo, Rwanda, Tanzania.
- **Bordering Waterbodies:** Lake Victoria
- **Geography:** Uganda lies within the Nile basin and has an equatorial climate.
- **Associated International Grouping:** African Union, NAM, Organization of Islamic Cooperation.
- **Recent Development:**
 - 19th Summit of the Non-Aligned Movement (NAM) to be held in Kampala, Uganda in 2024.
 - Declared Ebola free by WHO.





DATE: 28 AUGUST 2026

2 Ebola (Source: The Hindu)

- **Origin of Name:** The virus is named after the Ebola river (Republic of Congo) first outbreak in 1976.
- **Cause:** Ebola virus
- **Symptoms:**
 - **Early:** Fever, headache, muscle pain, sore throat.
 - **Advanced:** Vomiting, diarrhea, rash, organ failure, and internal/external bleeding.
 - **Incubation period:** 2-21 days.
- **Diagnosis:** Blood tests (PCR, ELISA) and differential diagnosis to rule out similar diseases.
- **Treatment:**
 - Supportive care (rehydration, symptom management).
 - Monoclonal antibodies (e.g., Inmazeb, Ebanga) and experimental antivirals.
- **Prevention:**
 - Vaccination with Ervebo.
 - Use of PPE, safe burial practices, and public health awareness.

3 Hanging Glaciers (Source: The Indian Express)

HANGING GLACIERS

Rivers of Ice Suspended Above the Valley

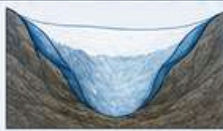
WHAT IS A HANGING GLACIER?

A hanging glacier is a small glacier or remnant of a larger glacier that flows in a tributary valley above the main U-shaped valley floor. It appears to "hang" above the main valley, often with a steep drop, waterfall, or bare rock cliff below it.



REAL WORLD BEAUTY
Hanging glaciers with waterfalls are breathtaking landscapes found in many glaciated mountain regions.

HOW HANGING GLACIERS FORM



1 VALLEY GLACIATION

During glacial periods, ice fills both the main valley and its tributary valleys.



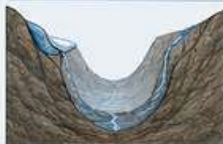
2 ICE EROSION

The main glacier in the larger valley is thicker and erodes the valley floor more deeply.



3 GLACIER RETREAT

As the climate warms, glaciers retreat. The main valley glacier melts back faster and deeper.



4 HANGING POSITION

The tributary glacier is left high above the deepened main valley, appearing to "hang" from the valley wall.

PARTS OF A HANGING GLACIER LANDSCAPE

Hanging glacier
Small glacier in a tributary valley

Cirque
Bowl-shaped hollow where ice accumulates

Steep valley wall
Eroded by main valley glacier

Waterfall
Meltwater plunges from the hanging glacier

U-shaped main valley
Deepened by glacial erosion

Talus / Scree
Rock debris at the base of the cliff

KEY FEATURES



- Located in tributary valleys above the main U-shaped valley.



- Often associated with waterfalls, steep cliffs and rock basins.



- Indicators of past glaciation and climatic change.



- Common in areas of strong glacial erosion and uneven valley deepening.

EXAMPLES AROUND THE WORLD



Yosemite Valley, USA
Bridalveil Fall originates from a hanging valley.



Switzerland (Alps)
Many valleys like Lauterbrunnen have classic hanging glaciers.



Himalayas, India/Nepal
Hanging glaciers and waterfalls are common in glaciated valleys.



New Zealand
Hanging valleys with waterfalls in Fiordland and Southern Alps.

IMPORTANCE



Source of freshwater – Meltwater forms waterfalls and streams.



Indicators of climate change – Their retreat shows warming trends.



Tourism & recreation – Beautiful landscapes and waterfalls attract visitors.



Scientific value – Help geologists understand past glaciations and landscape evolution.

DID YOU KNOW?



Hanging glaciers are not always active. Many are remnant glaciers slowly disappearing due to rising temperatures.



THREATS



Global warming causes glaciers to shrink.



Increased risk of rockfalls and glacial lake outburst floods (GLOFs).



Loss of freshwater supply for downstream communities.



HANGING GLACIERS – NATURAL WONDERS SHAPED BY ICE AND TIME.

