



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Per.uthalaivar Kamarajar"

MAP OF THE DAY 10-04-26

Published On: 10-04-2026

Kamaraj IAS Academy

Plot A P.127, AF block, 6 th street, 11th Main Rd, Shanthi Colony, Anna Nagar, Chennai, Tamil Nadu 600040

Phone: **044 4353 9988 / 98403 94477** / Whatsapp : **09710729833**



KAMARAJ IAS ACADEMY

MAP OF THE DAY WORLD

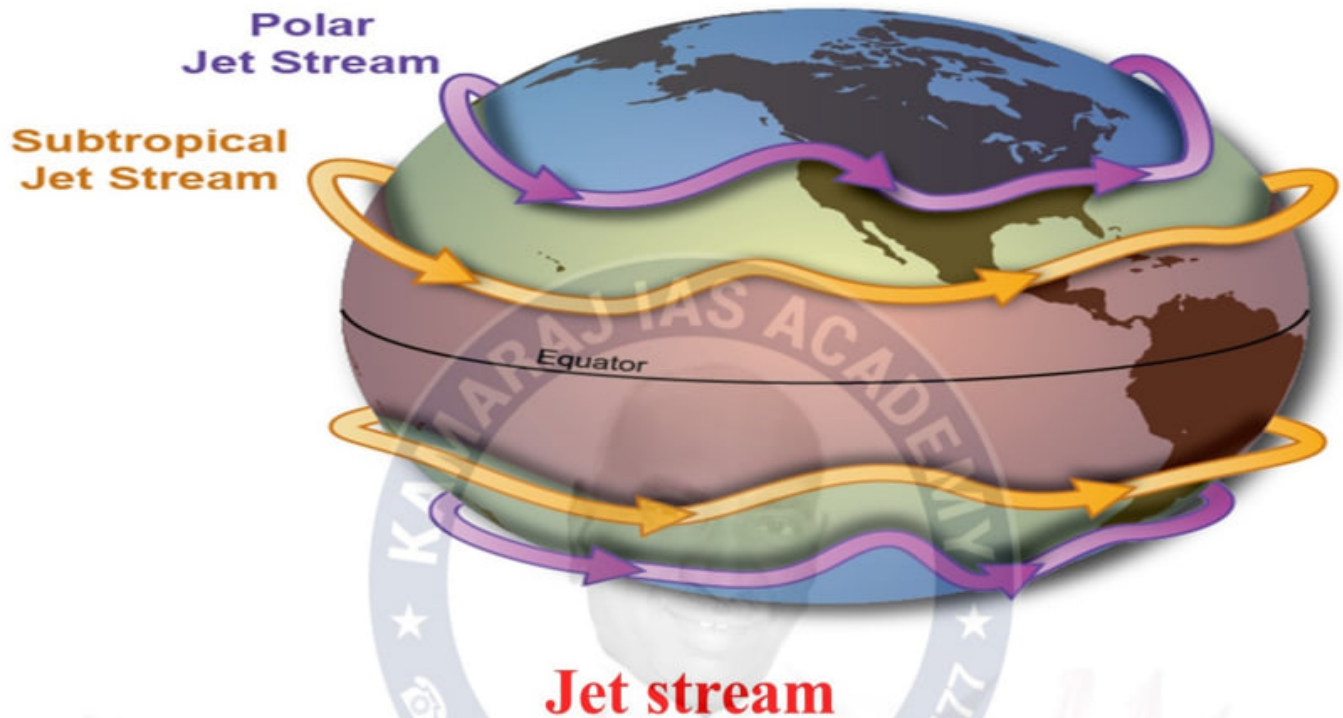
CONTACT US

+91 9840394477 | kamarajiasacademy@gmail.com | www.kamarajiasacademy.com

KAMARAJ K
HONORARY DIRECTOR



Friday, 10 April 2026



- They are narrow, **meandering ribbons** of air that travel at speeds typically around **110 mph**, though they can exceed **200 mph** during winter months.
- They primarily flow **west to east** (westerly) due to the Earth's rotation.
- Most terrestrial jet streams are found near the **tropopause** (the boundary between the troposphere and the stratosphere), roughly **30,000 to 40,000 feet** above sea level.
- One in each hemisphere, located near the polar vortex. These are the most powerful and have the greatest impact on mid-latitude weather.
- Located closer to the equator. They sit higher in the atmosphere and are generally weaker than polar jets.
- Northern polar jet crosses major landmasses (**North America, Europe, Asia**), while the Southern polar jet crosses major landmasses (Africa, South America, Australia).
- They form at the boundaries between cold and warm air masses. The greater the temperature difference, the faster the wind.
- Jet streams don't flow in straight lines; they "snake" in large loops called Rossby Waves.
- Northward bulges that bring warm, dry weather.
- Southward dips that bring cold air and stormy weather.
- They are highly dynamic; they can **split** into multiple branches, **merge** together, or even briefly flow in reverse relative to the main current.
- Pilots utilize the jet stream as a "**tailwind**" to reduce flight times when traveling east, while avoiding it when flying west to save fuel.
- Meteorologists track the position of the jet stream to predict where storms will travel and how they will evolve.

Kamaraj IAS Academy

Plot A P.127, AF block, 6 th street, 11th Main Rd, Shanthi Colony, Anna Nagar, Chennai, Tamil Nadu 600040

Phone: **044 4353 9988 / 98403 94477 / Whatsapp : 09710729833**



KAMARAJ IAS ACADEMY

MAP OF THE DAY BHARAT

CONTACT US

+91 9840394477 | kamarajiasacademy@gmail.com | www.kamarajiasacademy.com

KAMARAJ K
HONORARY DIRECTOR



Friday, 10 April 2026



Roopkund Lake

- **Roopkund Lake**, popularly known as the **“Skeleton Lake,”** is a mysterious glacial lake located in the Chamoli district of Uttarakhand, India. It lies at an altitude of about **5,029 meters (16,499 feet)** in the Himalayan region.
- The lake gained global attention in **1942** when over **500 human skeletons** were discovered around its edges and within the water.
- It is situated in the **Garhwal Himalayas**, near the peaks of **Trishul** and **Nanda Ghunti**.
- Due to the presence of numerous skulls and bones, it is often referred to as a **“mysterious lake.”**
- **Carbon dating studies (1960s)** suggested **the 12th to 15th centuries.**
- Later studies have indicated that the remains may belong to different time periods, suggesting multiple events.
- One popular theory suggests that the people died due to a **sudden and severe hailstorm**, as many skulls show signs of blunt-force trauma.
- Another theory proposes **epidemic or disease** as a possible cause of death.
- Roopkund is a **high-altitude glacial lake** that remains **frozen for most of the year**.
- The skeletons become visible only when the **ice melts during warmer months**.
- Roopkund is a famous **trekking destination**.
- The trek usually begins from **Lohajung**, passing through **Wan village**, offering scenic

Kamaraj IAS Academy

Plot A P.127, AF block, 6 th street, 11th Main Rd, Shanthi Colony, Anna Nagar, Chennai, Tamil Nadu 600040

Phone: **044 4353 9988 / 98403 94477 / Whatsapp : 09710729833**