



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

MAP OF THE DAY 05-05-26

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Kamaraj IAS Academy

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KAMARAJ IAS ACADEMY

MAP OF THE DAY WORLD

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Tuesday, 05 May 2026



Atakor Volcano

- **Atakor Volcano** is not a single volcano but a **vast volcanic field** located in the central Sahara Desert within the **Ahaggar Mountains** (also called Hoggar Mountains) in southern **Algeria**.
- **Type:** Volcanic field (cluster of extinct volcanoes)
- **Location:** Central Sahara, southern Algeria
- **Highest Peak Nearby:** Mount Tahat (2,908 m)
- **Geological Age:** Mainly formed during the **Tertiary period** (around 23–2.6 million years ago)
- **Status:** Extinct (no recent eruptions)
- Erosion over millions of years has shaped dramatic rock formations
- A **highland region** rising from the Sahara Desert
- Known for **unique desert-mountain scenery**
- Contains famous spots like:
 - Assekrem – popular for sunrise/sunset views
 - Traditional homeland of the **Tuareg people**

Geological Features

- Composed of **basaltic lava flows, volcanic cones, and plugs**
- Landscape includes **rugged plateaus, sharp peaks, and deep valleys**
- Result of ancient **hotspot volcanic activity** beneath the African plate

Importance

- Provides evidence of **ancient volcanic activity in the Sahara**
- Helps geologists study **continental hotspot volcanism**
- A key example of **desert geomorphology + volcanism combination**
- While the main activity began roughly 20 million years ago, some eruptions are very young, with lava covering Holocene lake sediments (**roughly 10,000 years old**). Fumarolic activity is still present

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MAP OF THE DAY BHARAT

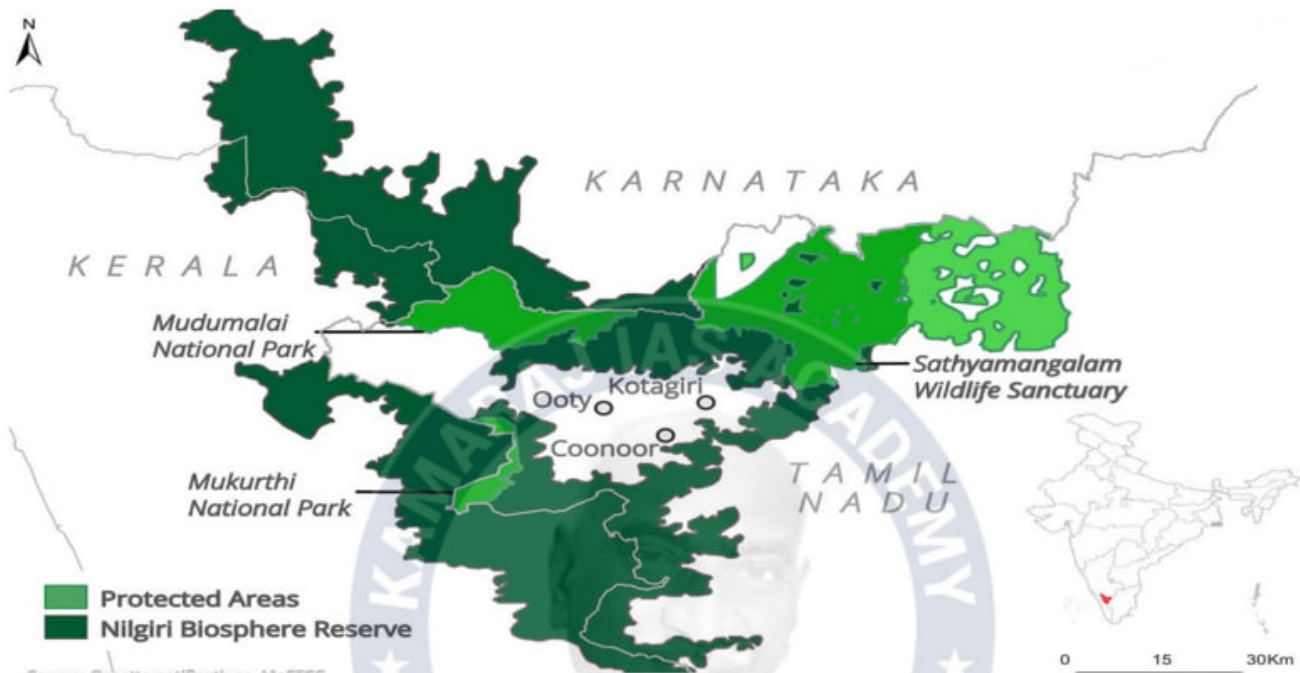
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Nilgiri Biosphere Reserve

- The **Nilgiri Biosphere Reserve** is India's **first biosphere reserve**, established in **1986**.
- It is a highly **biodiverse region** located in the **Western Ghats**.
- It extends across three states—**Tamil Nadu, Kerala, and Karnataka**.
- Its total area is approximately **5,520 sq. km**.
- In **2000**, it was included in UNESCO's **Man and Biosphere (MAB) Programme**.
- The reserve is divided into **core, buffer, and transition zones**.
- The **core zone** is strictly protected with no human activity, such as Silent Valley National Park.
- The **buffer zone** allows limited activities like **research and education**.
- The **transition zone** includes **human settlements and sustainable development activities**.
- Major protected areas include Mudumalai National Park, Bandipur National Park, Nagarhole National Park, and Wayanad Wildlife Sanctuary.
- It serves as an important **elephant corridor** for **Asian elephants**.
- The region includes **tropical rainforests, shola forests, and grasslands**.
- Major wildlife species include **elephants, tigers, Nilgiri tahr, and lion-tailed macaque**.
- It is part of one of the world's **36 biodiversity hotspots**.
- The Nilgiri region is the **source of many rivers** in South India.
- It plays a key role in influencing the **monsoon system and climate balance**.
- Indigenous tribes such as **Toda, Kurumba, Irula, and Badaga** inhabit this region.
- These tribes represent a model of **sustainable living in harmony with nature**.
- The region faces challenges like **deforestation, human-wildlife conflict, and climate change**.
- The Nilgiri Biosphere Reserve is an excellent example of **biodiversity conservation and**

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