



DAILY CURRENT AFFAIRS 09-12-2025

GS-1

1. Kīlauea Volcano

GS-3

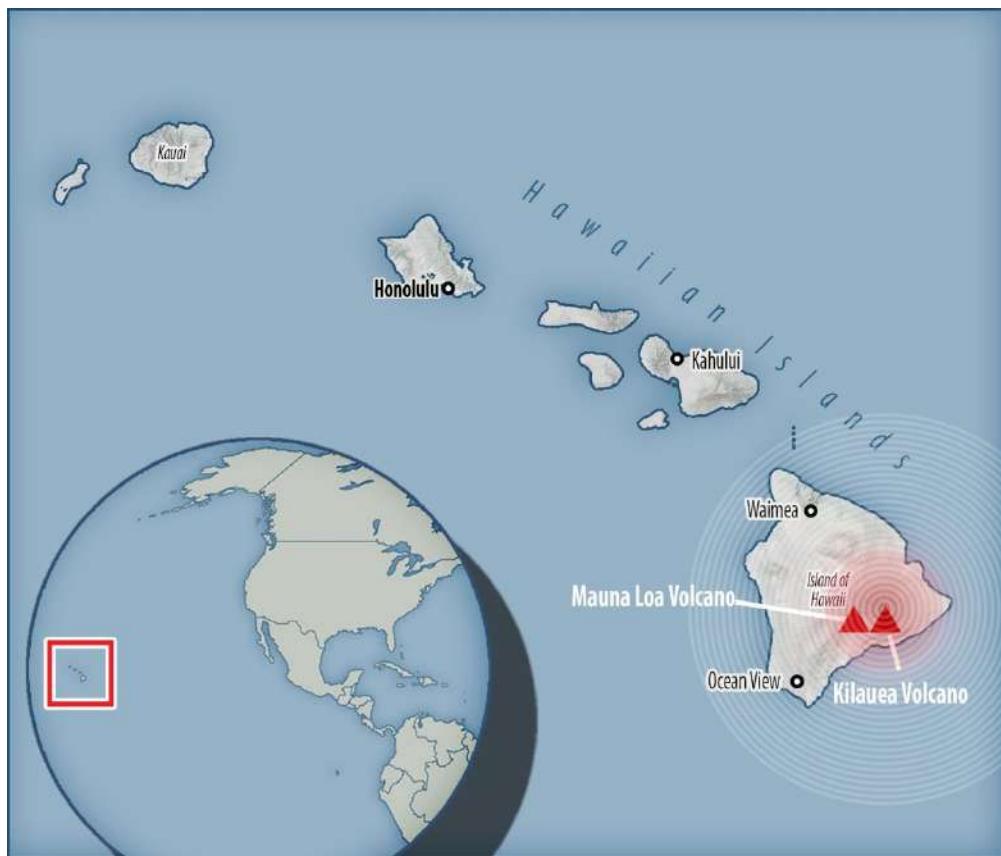
2. Hoolock Gibbon
3. Ramgarh Vishdhari Tiger Reserve (RVTR)
4. Border Roads Organisation (BRO)
5. National Intelligence Grid (NATGRID)

Kīlauea Volcano

Syllabus: GS-1; Geography

Context

Fresh lava fountains erupted from Hawaii's Kīlauea volcano, nearly a year after the beginning of its current eruptive phase.



About Kīlauea

- One of the **world's most active** volcanoes.
- **Type:** Shield volcano
- **Location:** Southeastern part of Hawaii Island, U.S.
- Island formed due to the **Hawaiian Hotspot**.
- **Summit height:** ~1,250 m
- Summit has a **caldera** (5 km × 3.2 km; >10 sq.km).
- Contains **Halema'uma'u lava lake**, linked with goddess Pele.
- Slopes merge with **Mauna Loa**.
- **Continuous eruption since 1983**—mostly **non-explosive**.

Hoolock Gibbon

Syllabus: GS-3; Environment & Biodiversity

Context

A stranded family of Hoolock gibbons was rescued in Arunachal Pradesh's **Lower Dibang Valley**.



About Hoolock Gibbon

- Smallest & fastest apes; found in **SE Asia forests**.
- **Only ape found in India**.
- **Distribution in India**: NE states south of Brahmaputra—Assam, Arunachal, Meghalaya, Nagaland, Manipur, Mizoram, Tripura.
- Highest population: **Hollongapar Gibbon Sanctuary**, Assam.
- Two species:
 - **Eastern Hoolock (H. leuconedys)**
 - **Western Hoolock (H. hoolock)**

Characteristics

- **Diurnal, arboreal**, excellent **brachiators**.
- **Monogamous**, family-oriented.
- Communicate through **loud calls**.
- **Lifespan**: ~25 years

Conservation Status

- **IUCN**:
 - Eastern – Vulnerable
 - Western – Endangered
- **WPA 1972**: Schedule I

Ramgarh Vishdhari Tiger Reserve (RVTR)

Syllabus: GS-3; Environment & Ecology

Context

India's 2nd inter-state tiger translocation: A tigress to be airlifted from **Pench TR (MP)** to **RVTR (Rajasthan)**.

About RVTR

- Location: **Bundi district, Rajasthan**
- **Area:** 1501.89 sq.km
 - Core: 481.90 sq.km
 - Buffer: 1019.98 sq.km
- **Notified:** 16 May 2022
- Functions as a corridor between:
 - **Ranthambore TR (NE)**
 - **Mukundara Hills TR (South)**
- **Mez River** (Chambal tributary) flows through.
- Terrain: Aravalli + Vindhyan ranges
- **Vegetation:** Dry deciduous forest
- **Flora:** Dhok (dominant), Khair, Ronj, Amaltas, Saler
- **Fauna:** Leopards, Sloth bears, Jungle cat, Golden jackal, Hyaena, Porcupine, Hedgehog, Langur, etc.



Border Roads Organisation (BRO)

Syllabus: GS-3; Security & Infrastructure

Context

The Defence Minister inaugurated **125 new BRO infrastructure projects**, the highest single-day number.

About BRO

- A **road construction executive force** supporting the Armed Forces.
- **Under MoD since 2015.**
- **Established:** 7 May 1960
- Works in **19 States, 3 UTs**, and friendly nations (Afghanistan, Bhutan, Myanmar, Tajikistan, Sri Lanka).
- Specialises in **roads, bridges, tunnels, airfields, marine works** in extreme terrain.
- Provides **operational support** to the Army during hostilities & emergencies.
- Helps rehabilitate **forward airfields** of the Air Force.
- Part of the **Order of Battle** of the Armed Forces.
- **BRDB** oversees BRO:
 - Chairman – **Prime Minister**
 - Deputy Chairman – **Defence Minister**
- **Head:** DGBR (Lt. General rank)
- Workforce:
 - **GREF cadre**
 - Army Engineers on deputation
 - **2 lakh+ local workers**
- **Motto:** *Shramena Sarvam Sadhyam*

National Intelligence Grid (NATGRID)

Syllabus: GS-3; Internal Security

Context

NATGRID usage is rising—now handling **45,000 data requests/month** from security agencies.

About NATGRID

- A secure **real-time intelligence data platform** for police & investigation agencies.

- Integrates govt & private databases on **terrorism, economic crimes**, etc.
- **Conceptualised:** After 26/11 attacks (2009)
- **Setup:** Attached office under **MHA** (Dec 1, 2010)
- **Operational since:** 31 Dec 2020

Who Can Access

- **IB, R&AW, NIA, ED, FIU, NCB, DRI**
- **SP-rank officers**

Function

- Connects immigration, banking, telecom, tax, travel & other datasets.
- Uses **Big Data & Analytics** for actionable intelligence.