

27/07/2026 Daily Current News

1. *Rome Declaration:*

Context: The Declaration “Humanity at the Threshold: A Declaration on Artificial Intelligence and Nuclear Weapons” adopted by Participants of the Global Nobel Laureates Assembly. It calls for an international treaty to ban autonomous systems from accessing nuclear launches while emphasizing that the threat is also not so far-fetched.

About Rome Declaration:

- ❖ Objective: Calls for the responsible governance of Artificial Intelligence (AI) to prevent its misuse in nuclear weapons and safeguard global peace and security.
- ❖ Prevent AI Arms Race: Urges nations to avoid an AI-driven arms race by adopting restraint, international cooperation, and effective governance mechanisms.
- ❖ Responsible AI Development & Use: Emphasizes that AI should be developed and used in accordance with international law, human rights, and ethical principles, promoting human well-being while preventing malicious or reckless applications.
- ❖ Global AI Governance: Advocates shared international mechanisms for oversight, transparency, verification, and coordinated slowdowns in the development of high-risk frontier AI systems.
- ❖ Youth & Leadership: Encourages AI education, ethical leadership, and intergenerational partnerships, empowering young people to shape responsible AI governance.
- ❖ Nuclear Disarmament: Reaffirms the need for verifiable and irreversible nuclear disarmament, including reducing the operational readiness (alert levels) of nuclear arsenals.

2. *Chenab River:*

Context: Heavy rain swells Chenab River as all gates of Salal Dam opened in Reasi.

About Chenab River:

- ❖ Ancient Name: Known as Asikni in the Rig Veda and also called Chandrabhaga in ancient texts.
- ❖ Origin: Formed by the confluence of the Chandra and Bhaga rivers at Tandi in Lahaul–Spiti district, Himachal Pradesh. Both source streams originate near Baralacha Pass.
- ❖ Course: Flows through Himachal Pradesh, Jammu & Kashmir, and Pakistan, where it joins the Sutlej as part of the Panjnad, which later merges with the Indus River.
- ❖ Indus Waters Treaty: Chenab is one of the three Western Rivers (along with the Indus and Jhelum) allocated primarily to Pakistan under the Indus Waters Treaty (1960), while India has limited rights for non-consumptive uses.
- ❖ Hydropower Potential: The river has significant hydroelectric potential, with major projects including Baglihar Dam, Salal Dam, Dul Hasti Hydroelectric Project, and Ratle Hydroelectric Project, all located in Jammu & Kashmir.

3. *Black sea:*

Context: The External Affairs Ministry on Sunday issued an advisory urging Indian seafarers to “carefully assess security risks” before accepting jobs on commercial ships that operate “in and around the Black Sea and adjoining maritime areas”, citing increasing drone and missile attacks on ships in the region that remains highly volatile due to the ongoing conflict between Russia and Ukraine.

About Black sea:



- ❖ **Location:** The Black Sea is a large inland marginal sea of the Atlantic Ocean, situated at the junction of Europe and Asia in southeastern Europe.
- ❖ **Area:** It has a surface area of about 436,000 sq. km and is roughly oval-shaped.
- ❖ **Bordering Countries:** It is bordered by Ukraine (north), Russia (northeast), Georgia (east), Turkey (south), and Bulgaria and Romania (west). The Crimean Peninsula projects into the sea from the north.
- ❖ **Surrounding Physical Features:** It is bounded by the Balkan Peninsula (west), Caucasus Mountains (east), East European Plains (north), and Anatolia (south).
- ❖ **Connectivity:** Although almost landlocked, it is connected to the Atlantic Ocean through the Bosphorus Strait → Sea of Marmara → Dardanelles Strait → Aegean Sea → Mediterranean Sea. The Kerch Strait connects it to the Sea of Azov.
- ❖ **Major Rivers:** Important rivers draining into the Black Sea include the Danube, Dnieper, Dniester, Southern Bug, and Rioni.
- ❖ **Salinity:** The Black Sea has lower salinity than the world's oceans due to its limited exchange of water with the Mediterranean Sea.
- ❖ **Coastline & Islands:** Russia has the longest coastline, followed by Turkey and Ukraine. Ukraine possesses the largest number of islands, including Dzharylhach Island, the largest island in the Black Sea.

- ❖ **Economic Importance:** The Black Sea serves as a major maritime trade gateway, facilitating the export of goods from Eastern Europe to global markets and supporting significant shipping, fisheries, and energy transport.

4. Planetary Rings Autonomous EXploration with In-situ Sampling (PRAXIS):

Context: PRAXIS is an acronym of ‘Planetary Rings Autonomous EXploration with In-situ Sampling’. NASA has just selected a mission concept called ‘PRAXIS’ for its Innovative Advanced Concepts (NIAC) 2026 phase I funding.

About PRAXIS:

- ❖ PRAXIS is a NASA concept mission selected under the NASA Innovative Advanced Concepts (NIAC) programme.
- ❖ It will deploy a bio-inspired robotic explorer powered by Artificial Intelligence (AI).
- ❖ The mission aims to directly sample particles from planetary ring systems, a feat never attempted before.
- ❖ It seeks to answer key questions on how planetary rings form, evolve, and what their particles are made of.
- ❖ Instead of flying through the rings, the spacecraft will graze the ring plane to reduce collision risks.
- ❖ It will use a long deployable boom to perform touch-and-go sampling of selected ring particles while maintaining a safe distance.
- ❖ The spacecraft will collect samples from different regions and gaps within the ring system.
- ❖ Onboard instruments and AI will analyze particle size, porosity, and composition, including free-floating particles.
- ❖ The mission addresses priorities identified in NASA's Planetary Science Decadal Survey regarding the study of planetary rings.

5. Inflation targeting in India:

Context: Inflation control remains RBI’s foremost priority, says Governor.

About Inflation targeting in India:

- ❖ Inflation is the rate at which the average prices of goods and services rise over time, causing the value of money to fall.
- ❖ It is a monetary policy framework in which a country's central bank focuses solely on keeping inflation within a certain range.
- ❖ In India, the Monetary Policy Framework Agreement agreed between the RBI and the government in 2015 established inflation targeting.
- ❖ According to the provisions of the agreement, RBI's principal goal will be to preserve price stability while also pursuing growth.

- ❖ The RBI is mandated to maintain a rate of inflation of 4% with a 2-percentage-point deviation, i.e. inflation must be kept between 2% and 6%.
- ❖ The RBI Monetary Policy Committee (MPC) is a statutory body constituted under the RBI Act of 1934 by the Central Government.
- ❖ The RBI Monetary Policy Committee (MPC) was established based on the recommendation of the Urjit Patel Committee.
- ❖ It was formed with the objective of fixing the benchmark policy interest rate in order to keep inflation within a particular target level.
- ❖ The RBI Monetary Policy Committee (MPC) is a 6 member committee.
- ❖ There are in total three internal members and three external experts.
- ❖ The Monetary Policy Committee(MPC) is required to meet at least four times a year.
- ❖ The quorum required for the meeting of the MPC is four members.
- ❖ Each member of the MPC has one vote, and in the event of an equality of votes, the Governor has a second or casting vote.
- ❖ Once every six months, the Reserve Bank is required to publish a document called the Monetary Policy Report.

Quick Bites:

- ☐ The Prime Minister, Shri Narendra Modi, has congratulated weightlifter Mirabai Chanu on winning the Gold medal in the 48 kg category at the Commonwealth Games 2026.
- ☐ India's Chanambam Rishikanta Singh produced a record-breaking performance to bag the silver medal in the men's 60kg weightlifting event at the Commonwealth Games 2026 in Glasgow.
- ☐ Prime Minister Shri Narendra Modi today announced that a high-powered task force on examination reforms under the leadership of Shri Nandan Nilekani has been constituted.
- ☐ INS Sudarshini, the sail training ship of the Indian Navy, departed Boston, USA on 25 Jul 2026, as part of ongoing Lokayan 26. During her stay, the ship proudly represented India at the prestigious SAIL 250 celebrations and the International Naval Review 250, showcasing India's rich maritime heritage while strengthening maritime partnerships through professional and cultural engagements.
- ☐ The NIFTY 500 Ahimsa Index, launched by the National Stock Exchange (NSE) in collaboration with the Ahimsagain Foundation, is a thematic ESG index that promotes ethical and animal-cruelty-free investing. It uses the Ahimsa Investment Movement (AIM) framework to classify companies into Green, Orange, and Red bands based on their animal welfare practices. The index includes only Green-band companies, representing businesses that fully comply with animal-cruelty-free criteria across sectors such as IT, automobiles, real estate, and healthcare. It enables investors to align their portfolios with ethical and sustainable investment principles.
- ☐ State of Food Security and Nutrition in the World (SOFI) 2026 Report: The SOFI 2026 report is the United Nations' flagship annual assessment of global trends in hunger, food insecurity, and malnutrition. It provides evidence-based analysis to monitor progress towards Sustainable Development Goal (SDG) 2 – Zero Hunger. The report is jointly published by the Food and Agriculture Organization (FAO), International Fund for Agricultural Development (IFAD),

United Nations Children's Fund (UNICEF), World Food Programme (WFP), and the World Health Organization (WHO).

- ☐ France fought an “unpredictable” wildfire close to Bordeaux on Sunday while Spain warned of “difficult hours” in its own fiery battle, with evacuations from danger zones in both countries mounting to well over 300,000 people.
- ☐ In a first, three chicks of the endangered Great Indian Bustard have been moved into a custom-built rewilding tunnel at the Godawan Conservation Centre in Ramdevra, Jaisalmer. The ₹9.25-crore facility prepares captive-bred birds for life in the wild by minimising human contact and copying their natural habitat. The Great Indian Bustard is the State bird of Rajasthan. The chicks will remain in the tunnel for about four months under CCTV surveillance. The food will be provided without direct human contact.

Practice questions:

Objective questions:

Chanambam Rishikanta Singh won the silver medal at the Commonwealth Games 2026 in which sport?

- (a) Wrestling
- (b) Boxing
- (c) Weightlifting
- (d) Squash

The custom-built rewilding tunnel for captive-bred Great Indian Bustards has been established at:

- (a) Desert National Park
- (b) Godawan Conservation Centre
- (c) Keoladeo National Park
- (d) Tal Chhapar Wildlife Sanctuary

Which of the following statements is/are correct regarding the ‘Monetary Policy Committee (MPC)? (CSP 2017)

1. It decides the RBI’s benchmark interest rates.
2. It is a 12-member body including the Governor of RBI and is reconstituted every year.
3. It functions under the chairmanship of the Union Finance Minister.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 1 and 2 only
- (c) 3 only
- (d) 2 and 3 only

With reference to the PRAXIS mission, consider the following statements:

1. It is a NASA concept mission selected under the NASA Innovative Advanced Concepts (NIAC) programme.
2. The mission aims to directly sample particles from planetary ring systems.
3. It will rely exclusively on human-operated controls without using Artificial Intelligence.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

Consider the following projects

1. Baglihar Dam
2. Salal Dam
3. Dul Hasti Hydroelectric Project
4. Ratle Hydroelectric Project

How many of the above projects is/are located on Chenub river?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four

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