

September - 22

TNPSC BITS

- ❖ An Indian spot-billed duck (*Anas poecilorhyncha*) with pale plumage was sighted at Manickapuram tank in Tirupur district recently.
- ❖ Indian shooter Elavenil Valarivan has won the gold medal in the women's 10 metre air rifle event at the ISSF World Cup 2023 in Rio de Janeiro, Brazil.
- ❖ The World Water Monitoring Day is observed every year on September 18 to increase public awareness and involvement in water monitoring and protecting water resources around the world.

TAMIL NADU

Scholar Tamiloli



- ❖ The Tamil Nadu government would install a bust of Tamil scholar Tamiloli on the Tamil University campus in Thanjavur.
- ❖ He was born at Kurinjipadi on September 29, 1924.
- ❖ The Tamil scholar was initially named Visayarangam.

- ❖ He took after Subramania Bharathi and Bharathidasan and went on to pen several works of literature.
- ❖ He also penned against caste discrimination.

Co-creation Fund

- ❖ The government of Tamil Nadu will set up a ₹100 crore 'Co-creation Fund'.
- ❖ It is a unique model designed to participate in private sector venture capital (VC) funds.
- ❖ This fund is to be managed by investors and coordinated by The Tamil Nadu Startup and Innovation Mission (Startup TN).
- ❖ It is inspired by the Yozma (meaning 'initiative') model, established by the Israeli Government in the 1990s.
- ❖ It aims to kick-start innovative industries by investing in new venture capital funds.
- ❖ The State government will contribute 40% (with a ceiling of ₹10 crore) in regional, rural impact, women and climate action-focused funds.
- ❖ 20% government contribution for (with a ceiling of ₹5 crore) in other thematic funds promoted by the private sector.



NATIONAL

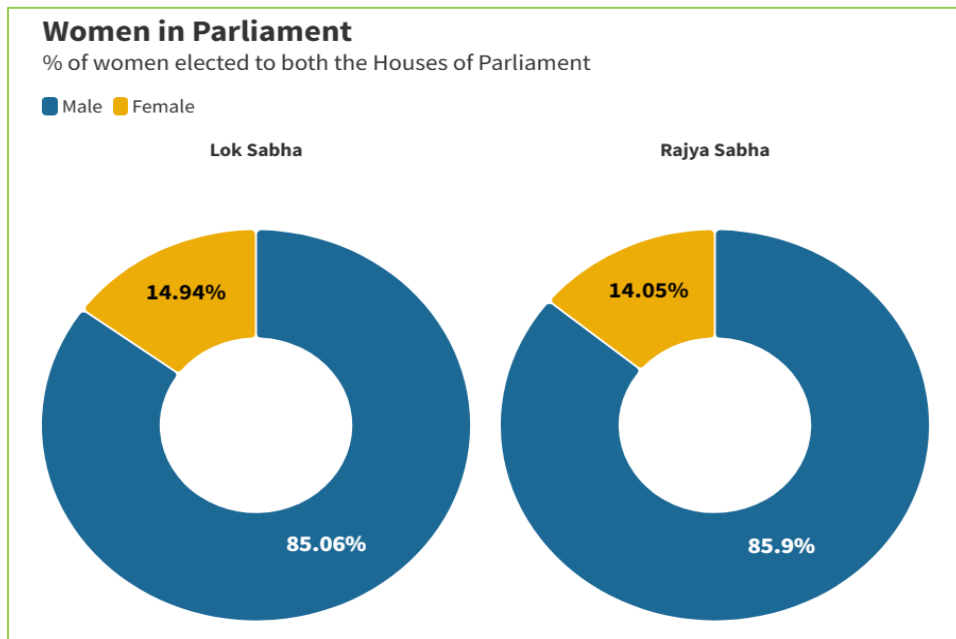
Parliament House of India

- ❖ The Lok Sabha was officially designated the new Parliament building as the "Parliament House of India".

- ❖ Both Lok Sabha and Rajya Sabha held their sittings in the new Parliament building on September 18.
- ❖ The new Parliament building is situated east of the existing Parliament House.



One Hundred and Twenty-eighth Amendment bill 2023



- ❖ The Constitution (One Hundred and Twenty Eighth Amendment) Bill, 2023, seeks to provide a 33% reservation to women in the Lok Sabha and assemblies.
- ❖ This can be implemented only after a delimitation exercise is completed, using data from the latest census conducted after the passage of the Bill.

- ❖ The next delimitation exercise, or redrawing of constituency boundaries, is scheduled to be held in 2026.
- ❖ The bill was officially introduced in the Lok Sabha on September 12, 1996 by the UPA government.
- ❖ It was referred to a Joint Parliamentary Committee chaired by Geeta Mukherjee.
- ❖ Women account for almost half of India's 950 million registered voters but make for only 15% of parliament and around 10% of state legislatures.

Agri-Credit and Crop Insurance Initiatives



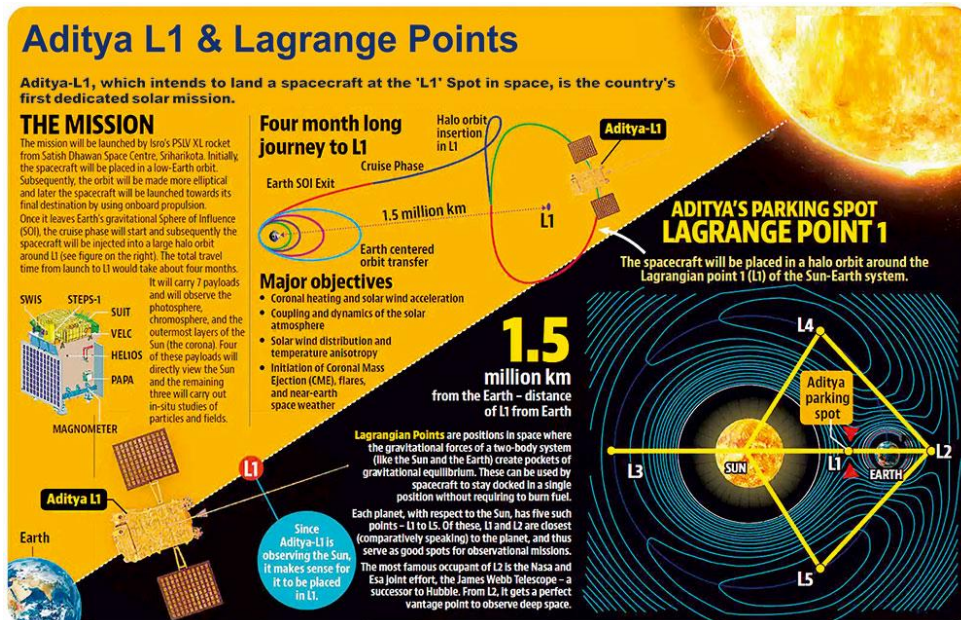
- ❖ The government launched three transformative initiatives, include
 - Kisan Rin Portal (KRP)
 - Door to Door KCC Campaign, and
 - Weather Information Network Data Systems (WINDS) Manual.
- ❖ KRP is the collaborative effort promises to revolutionize access to credit services under the Kisan Credit Card (KCC).
- ❖ It is facilitating the availing of subsidized agricultural credit through the Modified Interest Subvention Scheme (MISS).
- ❖ The WINDS initiative establishes a network of Automatic Weather Stations & Rain Gauges to provide hyper-local weather data, aiding agricultural decision-making.

SCIENCE AND TECHNOLOGY

Trans-Lagrangian Point 1 Insertion (TL1I) Manoeuvres

- ❖ ISRO successfully executed the trans-Lagrangian 1 insertion (TL1I) maneuver of Aditya-L1 mission

- ❖ It marks the beginning of the spacecrafts about 110-day trajectory to the destination around the L1 Lagrange point.
- ❖ This is the fifth consecutive time the ISRO has successfully transferred an object on a trajectory toward another celestial body.
- ❖ L1 is approximately 1.5 million km away from Earth.
- ❖ It is representing just 1 percent of the distance between Earth and the Sun.

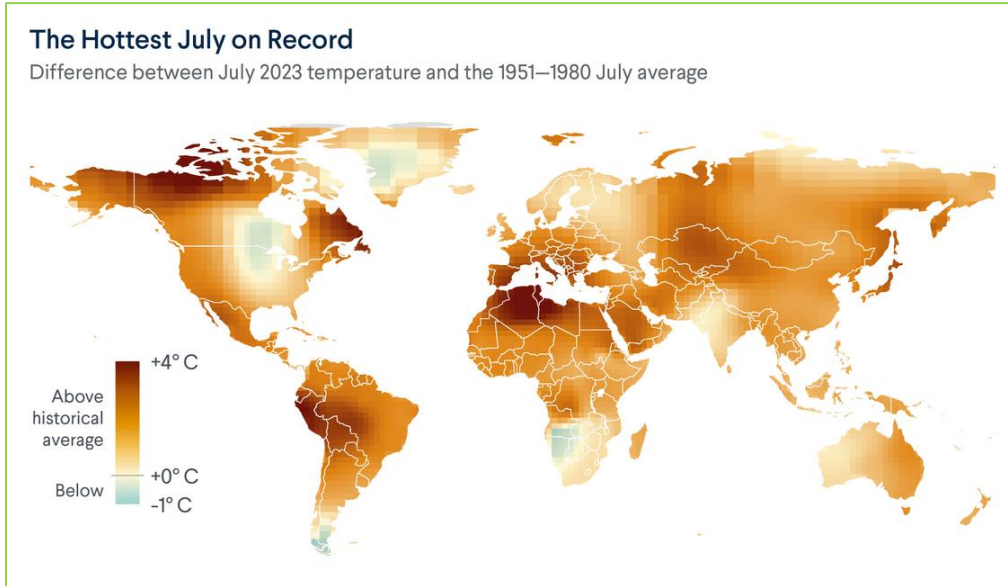


ENVIRONMENT

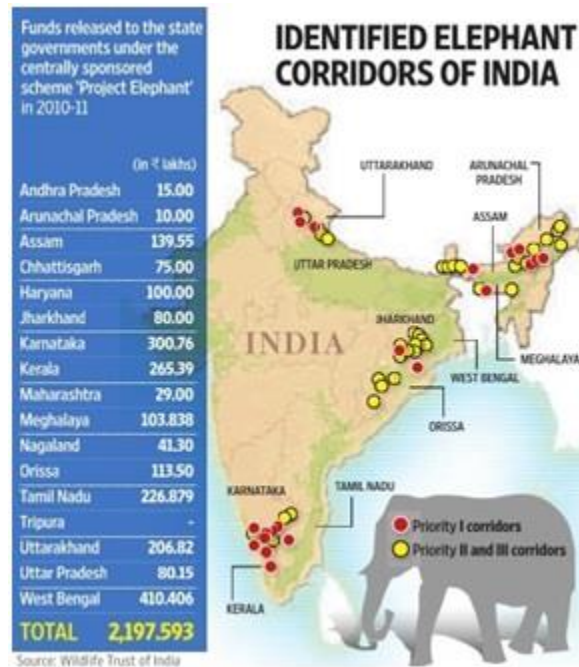
Summer 2023 - Hottest on Record

- ❖ The summer of 2023 was the Northern Hemisphere's hottest in recorded history.
- ❖ Last month was the hottest August scientists ever recorded by far with modern equipment.
- ❖ It was also the second hottest month measured.
- ❖ In August 2023, temperatures soared 2.2 degrees Fahrenheit (1.2 degrees Celsius) above the summer average.
- ❖ This was about 1.5 degrees Celsius (2.7 degrees Fahrenheit) warmer than pre-industrial averages.
- ❖ June through August marked the world's hottest three-month period in recorded history.
- ❖ The average global temperature in July was more than 2°F (1.1°C) hotter than last century's average.

- ❖ The world's oceans — more than 70% of the Earth's surface — were the hottest ever recorded.



Elephant Corridors Across India



- ❖ The number of elephant corridors in India has risen from 88 in 2010 to 150, a 40% increase.
- ❖ The report also notes that 19% of the corridors have seen a decrease in use, with 10 others requiring restoration due to impairments.

- ❖ The expansion of elephant ranges is observed in regions like Vidarbha in Maharashtra, Madhya Pradesh, northern Andhra Pradesh, and northeastern states.
- ❖ West Bengal has the most elephant corridors with 26, which is 17% of the total corridors.

REPORTS AND INDICES

Digital Quality Life Index 2023

- ❖ The Digital Quality of Life (DQL) Index was released by cyber-security company Surfshark.
- ❖ This annual study ranks 121 countries across globe.
- ❖ France tops in the list and is followed by Finland, Denmark, Germany and Luxemburg.
- ❖ India is placed at 52nd position in the index.
- ❖ In Asia, India takes 13th place, with Singapore the top in the region.
- ❖ India's internet quality is 36 per cent higher than the global average and ranks 16th in the world.
- ❖ India ranks 28th in internet affordability, 35th in e-government, and 66th in e-security.
- ❖ But the country faced challenges in e-infrastructure with ranking 91st.

Top 10				Bottom 10			
Rank 2023 (Out of 121)	Country	Rank Changes from 2022	2023 DQL Index score	Rank 2023 (Out of 121)	Country	Rank Changes from 2022	2023 DQL Index score
1	France	▲ 3	0.7902	121	Yemen	▼ 5	0.1705
2	Finland	▲ 5	0.7483	120	Dem. Rep. of the Congo	▼ 3	0.1824
3	Denmark	▼ 1	0.7377	119	Mozambique	▼ 5	0.2158
4	Germany	▼ 1	0.7357	118	Ethiopia	▼ 3	0.2205
5	Luxembourg	▲ 13	0.7357	117	Tajikistan	▼ 5	0.2315
6	Spain	▲ 10	0.7232	116	Cameroon	▼ 3	0.2347
7	Estonia	▲ 7	0.7185	115	Zimbabwe	▼ 6	0.2563
8	Austria	▲ 14	0.7166	114	Honduras	▼ 6	0.2587
9	Switzerland	▲ 4	0.7106	113	Tanzania	▼ 6	0.2695
10	Singapore	▲ 5	0.7096	112	Mali	▼ 10	0.2735

IMPORTANT DAYS

International week of Deaf people 2023 - September 24/30

- ❖ Every year, the full week ending on the last Sunday of September is observed as the International Week of the Deaf (IWD).

- ❖ This was first launched by the World Federation of the Deaf (WFD) in 1958 in Rome.
- ❖ Theme for 2023 is 'A world where deaf people can sign anywhere.'



MISCELLANEOUS

P-7 Heavy Drop Parachute System



- ❖ This Parachute System was indigenously designed and developed by the Defence Research and Development Organisation (DRDO).
- ❖ It is a military parachute system primarily used for the airdrop of heavy equipment, vehicles, and supplies from aircraft.
- ❖ It is set to enhance the paradropping capabilities of the Armed Forces on the battlefield.



- ❖ It has a maximum load-bearing capacity of 8,500 kg and a permitted payload limit of 7,000 kg.

