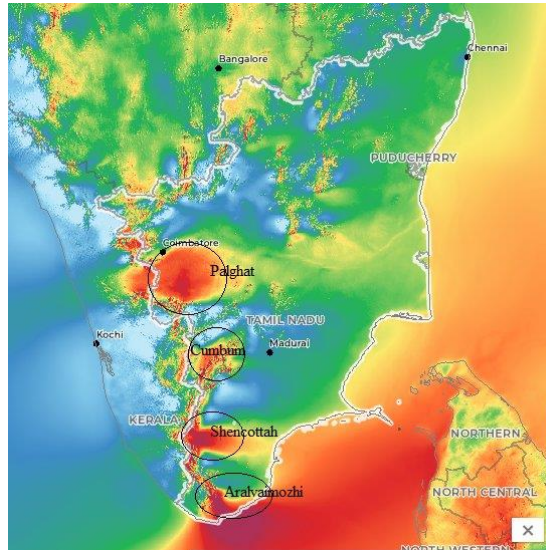


October - 13

TAMIL NADU

Wind turbine generator



- ❖ India's first 4.20-MW wind turbine generator has been installed at Vadalivilai near Valliyoor in Tirunelveli district.
- ❖ It has a single unit with the largest generation capacity.
- ❖ Vadalivilai is close to the advantageous Aralvaimozhi Pass in the Kanyakumari District.
- ❖ So far, the 3,000-odd windmills installed in the Aralvaimozhi Pass have the capacity to generate power up to 2 MW.
- ❖ The Centre had set the target of producing 500 GW of power through renewable energy sources by 2030.
- ❖ It had planned to generate 35 GW of solar and wind power each.
- ❖ Gujarat and Tamil Nadu would be the major players in the mission.
- ❖ Of the 500 GW, solar energy would account for 300 GW.
- ❖ Tamil Nadu has the potential to generate 35 GW of wind power, including 30 GW in Dhanushkodi alone.

450 tmc ft of Cauvery


- ❖ This year's southwest monsoon has smashed all previous records in the realisation of Cauvery water by Tamil Nadu.

- ❖ The total realisation is likely to cross the 500 tmc ft mark by May 2023.
- ❖ It was declared by the Central Water Commission (CWC).
- ❖ Only the CWC's calculations are considered because the reference point for measurement is the Biligundlu station, which is being maintained by the agency.
- ❖ Since 1974-75, the highest annual realisation was 455.4 tmc ft in 1975-76.
- ❖ It is the period of which was taken into account by the Supreme Court-constituted high-level technical team in 2016.
- ❖ The total approximate amount of realisation for 1978-79 was 400.6 tmc ft; 1980-81-442.9 tmc ft; 1981-82-417 tmc ft; and 2018-19-405.4 tmc ft.
- ❖ In the present year, the aggregate realisation crossed the 450-tmc ft mark in just four months.
- ❖ In those four years, southwest monsoon yielded approximately 291 tmc ft, 342 tmc ft, 299 tmc ft and 345 tmc ft respectively.

In surplus (in tmc ft)

The pattern of Cauvery water realisation* during 2022-23

Month	Quantity prescribed by the Supreme Court in its judgment	Realisation	Excess
June	9.19	16.4584	7.2684
July	31.24	106.9324	75.6924
August	45.95	223.5709	177.6209
September	36.76	105.5185	68.7585
October**	1.3045	2.16	0.8555
TOTAL	124.4445	454.6402	330.1957



*As measured at Biligundlu station of the Central Water Commission **Up to October 2, 2022

IMPORTANT DAYS

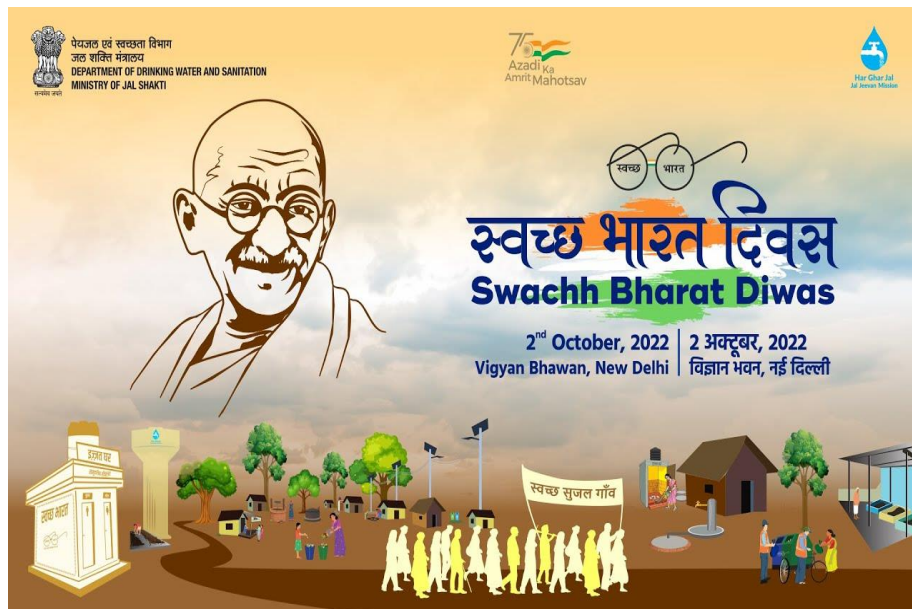
Breast Cancer Awareness Month

- ❖ October is breast cancer awareness month.
- ❖ It was created in 1985, and founded by the American Cancer Society.

- ❖ It is an annual campaign to educate people about breast cancer.
- ❖ Breast cancer is the most prevalent form of cancer.
- ❖ This disease has become a major problem all across the world including India.



Swachh Bharat Diwas – October 02

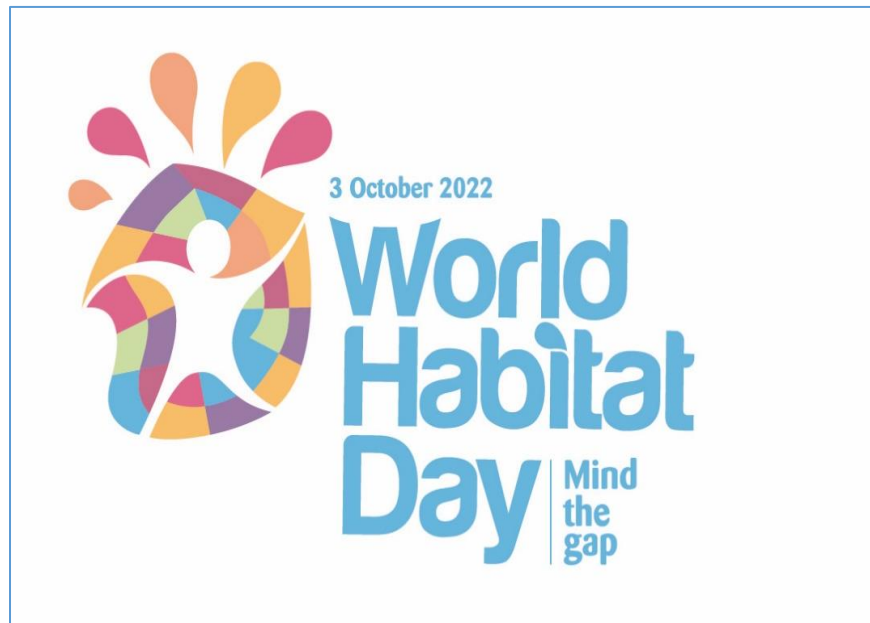


- ❖ It is celebrated across the nation on 2nd October, 2021 under Swachh Bharat Mission Grameen Phase 2 as part of Azadi Ka Amrit Mahotsav.

- ❖ Department of Drinking Water and Sanitation (DDWS), Ministry of Jal Shakti organized important activities/campaigns under Swachh Bharat Mission Grameen (SBMG) Phase 2.
- ❖ It aims to accelerate the ODF Plus momentum and sustaining the Open Defecation Free (ODF) achievements in villages.

World Habitat Day – October 03

- ❖ It is marked on the first Monday of October each year.
- ❖ It was first celebrated in 1986 in Nairobi, Kenya and was recognized by the United Nations.
- ❖ It is intended to remind the world that we all have the power and the responsibility to shape the future of our cities and towns.
- ❖ The theme for this year is ‘Mind the Gap. Leave No One Behind and No Place Behind’.
- ❖ This year seeks to draw attention to the growing inequalities and vulnerabilities that have been exacerbated by the Triple ‘C’ Crises: COVID-19, Climate and Conflict.



World Teachers' Day – October 05

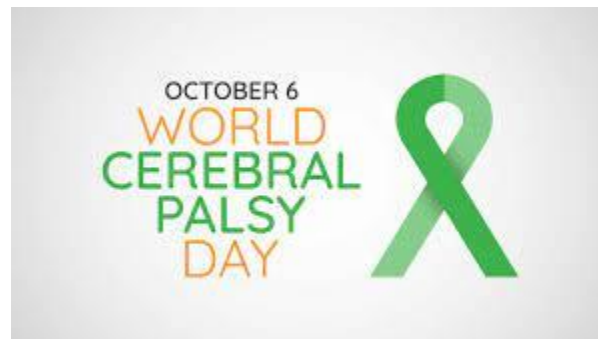
- ❖ It is held annually to celebrate all teachers around the globe since 1994.
- ❖ It is co-convened in partnership with the International Labour Organization (ILO), UNICEF and Education International (EI).

- ❖ The theme for this year is “The transformation of education begins with teachers”.



World Cerebral Palsy Day – October 06

- ❖ Cerebral Palsy is a lifelong disability with no known cure.
- ❖ In 2012, Cerebral Palsy Alliance created this day.
- ❖ This year's Theme is “Millions of Reasons”.
- ❖ It is to embrace diversity and to help create a more accessible future for everyone.



World Animal Day – October 07

- ❖ It is aimed at promoting peaceful coexistence between animals and humans and making this world a safer place for animals.
- ❖ It was because, animals do not have a voice and are exploited.
- ❖ This day is for both domesticated animals and wild animals, endangered species, and those threatened by environmental devastation.
- ❖ The theme for 2022 is Shared Planet.



- ❖ It was established in 1925 and the first event was organized by Heinrich Zimmermann in Berlin.
- ❖ Zimmermann was the publisher of a German animal lovers' magazine, "Man and Dog".
- ❖ 4 October is also known as the feast day of Saint Francis of Assisi, the patron Saint of animals.
- ❖ Saint Francis was famously recognized for his way with animals and all living things.



World Cotton Day – October 07



- ❖ Year 2022 marks the third-anniversary celebration of the international event.

- ❖ India is one of the largest cotton producers globally.
- ❖ The theme for 2022 is “Weaving a better future for cotton”.
- ❖ It was released by the Food and Agriculture Organisation of the United Nations (FAO).
- ❖ The first World Cotton Day was proposed by the World Trade Organization on October 7, 2019.
- ❖ It was by the Cotton Four, four sub-Saharan African cotton producers Benin, Burkina Faso, Chad, and Mali, collectively known as the Cotton Four (WTO).

World Migratory Bird Day – October 08



- ❖ Since its creation in 2006, this Day has been commemorated twice a year.
- ❖ It is supposed to be celebrated on the second Saturday of May and the second Saturday of October.
- ❖ This year, it was previously celebrated on 14 May and for the second time, the world marks this day again, 8 October.
- ❖ It is to increase public awareness on the issues migrating birds encounter, their ecological importance, and the need for global cooperation to safeguard them.
- ❖ It was established as a result of the United Nations Agreement on the Conservation of African-Eurasian Migratory Waterbirds along with the Secretariat

of the Convention on the Conservation of Migratory Species of Wild Animals (CMS).

- ❖ This year's theme will be "Light Pollution".

Indian Air Force Day – October 08

- ❖ Indian Air Force was raised on October 8, 1932, and it is completing 90 years today.
- ❖ The President of India is the Commander-in-chief of the IAF.
- ❖ This time Air Force Day flypast took place over Sukhna Lake in Chandigarh.
- ❖ In a historic first, the parade and fly-past of Air Force Day have been moved out of the national capital region by the Indian Air Force.
- ❖ Indian Air Force was officially established on 8 October 1932 by the British Empire as the Royal Indian Air Force.
- ❖ The name was changed to Indian Air Force in 1950.

