



Weak Monsoon in Haryana | Haryana | 30 Jul 2024

Why in News?

According to the [India Meteorological Department](#), due to weak monsoon Haryana may need to contemplate **relief efforts for farmers who depend on monsoon rainfall** and methods to alleviate water shortages.

Key Points

- According to the data, **Haryana ended in a deficit of 38% from its normal** as the state recorded rainfall at 114.6mm.
- Monsoon conditions were in a "weak phase" through June and July in the region due to the **delay in formation of La Nina**, a phenomenon that **typically brings favourable monsoon rainfall to the Indian subcontinent.**
 - Rainfall in deficit zones is expected to improve with the formation of La Nina later in August or early September.
- A researcher from the [Center for Study of Science, Technology and Policy \(CSTEP\)](#) think-tank stated that another climate phenomenon known as the [Indian Ocean Dipole](#), which **impacts the waters in the Indian Ocean, is currently in a neutral phase.**
 - A **positive Indian Ocean Dipole (IOD) brings favorable rainfall** during the monsoon season.
- In the event of lower-than-expected rainfall following the withdrawal of the monsoon season, experts have indicated that the **government will need to implement contingency plans.**
 - These plans may include providing **additional support to farmers, ensuring the availability of water for irrigation purposes**, and implementing **other water conservation measures.**

La Nina

- La Nina **means 'The Little Girl' in Spanish.** It is also sometimes called El Viejo, anti-El Nino, or simply "a cold event."
- La Nina events represent periods of **below-average sea surface temperatures** across the [east-central Equatorial Pacific.](#)
 - It is indicated by sea-surface temperature decreased by more than 0.9°F for at least five successive three-month seasons.
- The La Nina event is observed when the **water temperature in the Eastern Pacific gets comparatively colder than normal**, as a consequence of which, there is a **strong high pressure over the eastern equatorial Pacific.**

The Indian Ocean Dipole (IOD)

- IOD, sometimes referred to as the **Indian Nino**, is similar to the **El Nino** phenomenon, **occurring in the relatively smaller area** of the Indian Ocean between the **Indonesian and Malaysian coastline in the east and the African coastline near Somalia** in the west.
 - **The El Nino** is the warmer-than-normal phase of the [El Nino Southern Oscillation \(ENSO\) phenomenon](#), during which there are generally warmer temperatures and less rainfall than normal in many regions of the world, including India.
- One side of the ocean, along the equator, gets warmer than the other.

- IOD is said to be positive when the western side of the Indian Ocean, near the **Somalia coast**, becomes warmer than the eastern Indian Ocean.
- It is negative when the **western Indian Ocean is cooler**.

Manu Bhaker Wins Olympic Bronze | Haryana | 30 Jul 2024

Why in News?

Recently, **Manu Bhaker** who hails from **Jhajjar, Haryana** won a **bronze medal** in the **women's 10m air pistol event** and **bronze at 10m mixed team pistol event** at the [Paris 2024 Olympics](#).

- She is the first Indian female shooter to win an Olympic medal.



Key Points

- **Medal in 10m air pistol event** is the **first medal for India at the Paris 2024 Olympics** and the **first Olympic medal in shooting** for India since the London 2012 Games.
 - She also **won bronze at 10m mixed team pistol event** along with **Sarabjot Singh**.
- She is the **fifth Indian shooter to win an Olympic medal**, following **Rajyavardhan Singh Rathore (2004 Athens)**, **Abhinav Bindra (2008 Beijing)**, **Vijay Kumar (2012 London)**, and **Gagan Narang (2012 London)**.
- Manu has also won medals at [Asian Games \(2022\)](#), **World Championship, Baku (2023)**, **Asian Shooting Championship, Changwon (2023)**, **World Cup, Bhopal (2023)**, **World Championship, Cairo (2022)**, **World University Games, Chengdu (2021)** sports events.

Olympics

▪ About:

- The **Olympics are an international sporting event that takes place every four years.**
 - The goals of the Olympics are to **cultivate human beings through sport and contribute to world peace.**
- The Olympics include: **Summer Games, Winter Games, Youth Olympics Games.**

▪ History and Origin:

- Olympics trace their roots back around **3,000 years to Ancient Greece's Peloponnese region.**
- While the precise starting date remains uncertain, **776 BC is a commonly mentioned year in historical records.**
 - The first modern Olympics were held in **Athens, Greece in 1896** based on the **plan of Pierre de Coubertin.**

▪ Olympic Rings:

- The Olympic symbol consists of **five interlocking rings of different colors (blue, yellow, black, green, and red)** on a white background.
- These rings represent the **five continents of the world** and symbolize the **unity and diversity of nations through sports.**

