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1994 YAMUNA RIVER AGREEMENT

- The Upper Yamuna River Board Agreement was signed in 1994 with the objective of providing water to Rajasthan from the Hathnikund Barrage on the Yamuna River in Haryana's Yamunanagar district.
- However, because there was no canal system to distribute water to Rajasthan, that agreement could not be implemented.
- During the monsoon season, Rajasthan will receive its allocated share of Yamuna river water from the Hathnikund Barrage through an underground pipeline system.
- This measure will assist in the socio-economic development of the state's most arid regions and ensure drinking water supply, benefiting lakhs of people.

NATURE WARNS!

» Venezuela and the Pacific Ring of Fire

- Countries located in the world's major seismic zone known as the Pacific Ring of Fire—such as Japan, Indonesia, and China—are accustomed to earthquakes and have established infrastructure to cope with them. A country without any such precautions.
- In the South American nation of Venezuela, more than 1,400 people lost their lives due to two consecutive powerful earthquakes on June 24, plunging the world into deep grief.
- In these earthquakes, which measured 7.2 and 7.5 on the Richter scale, over 3,000 injured people were rescued. Fear has grown regarding the fate of more than 51,000 people who remain trapped and missing.

» Venezuela Hospitals

- Although several regions including the capital Caracas were affected by the earthquake, the greatest damage occurred in the city of La Guaira. Furthermore, heavy rains two days after the earthquake caused flooding in Portuguesa province, making the situation even worse.
- The Venezuelan earthquake underscores why public hospitals must be maintained in an upgraded and prepared condition.
- Over the past decade, 30% of doctors and 70% of nurses have emigrated abroad. Public hospitals lack adequate bed facilities, essential emergency medicines, bandages, and other basic supplies. Radiology equipment and medical vehicles are extremely old and non-functional.
- Under the name 'Operation Amistad', a 41-member rescue team along with 35 tons of relief supplies—including medicines and medical equipment—arrived in Venezuela aboard two Indian Air Force C-17 aircraft.
- The Earth's surface is divided into several rock plates known as tectonic plates. When these plates move, their boundaries rub against one another.
- Earthquakes occur as a continuous result of these tectonic movements. Now, the Venezuela earthquake has demonstrated that an earthquake can be detected and alerted in advance through a new technology from Google.
- Google's Earthquake Alert System warned approximately 11.4 million (1.14 crore) users a few seconds before the earthquake struck in Venezuela.
- When seismic tremors begin in the earth, Android mobile phones detect those shockwaves and transmit the data to Google servers.
- Based on this information, the servers calculate the nature and intensity of the earthquake and send alert messages to mobile phones.
- Google states that this feature on Android mobile phones is enabled in approximately 100 countries.