WMO Warns of Unprecedented Strength in Current El Nino Phase

The World Meteorological Organization released a seasonal climate outlook warning of unprecedented strength in prevailing El Nino conditions over the tropical Pacific.

El Nino is a climate phenomenon characterized by warming sea surface temperatures in the central and eastern tropical Pacific Ocean, disrupting global weather patterns.

KEY EXAM POINTS

- The **World Meteorological Organization** reported that the current **El Nino** conditions over the tropical Pacific could reach unprecedented strength.
- Sea surface temperatures in the tropical Pacific may rise to **3.8 degrees Celsius** above average during **November 2026 to January 2027**.
- The **WMO** formally declares an El Nino event when the sea surface temperature anomaly in the tropical Pacific reaches **0.5 degrees Celsius**.
- WMO Secretary-General **Celeste Saulo** stated that the projected temperature anomalies are off the monitoring charts used over the past **four decades**.
- El Nino is one of the three phases of the **El Nino Southern Oscillation** climate phenomenon, alongside **La Nina** and a neutral phase.

DID YOU KNOW..!?

The **World Meteorological Organization** operates as a specialized agency of the United Nations headquartered in **Geneva**, Switzerland.

El Nino events typically recur every **2 to 7 years** and can significantly disrupt **South-West monsoon** rainfall patterns across the Indian subcontinent.

While **El Nino** has a global warming effect on planet Earth, its counterpart **La Nina** is associated with a cooling effect on surface temperatures.

Article 48A of the Indian Constitution directs the State to protect and improve the environment and to safeguard forests and wildlife.

The **National Action Plan on Climate Change** comprises eight core national missions implemented by various Union ministries in India.

The **India Meteorological Department** functions under the **Ministry of Earth Sciences**, Government of India, headquartered in New Delhi.

REVISION FLASHCARD

The WMO warned that current El Nino sea surface temperature anomalies in the tropical Pacific could rise to 3.8 degrees Celsius.

Syllabus Relevance: Crucial for Unit 2 (Current Events - International climate updates and global environmental phenomena) and Unit 3 (Geography - Climatology).

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