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CLEAN

CLIMATE LITERACY & ENERGY AWARENESS NETWORK

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CLEAN STEM Flash

A timely climate and energy education series to use and share

Topic: El Niño vs. La Niña

La Niña is here! Learn about the El Niño-Southern Oscillation (ENSO) and how this phenomenon affects global weather and climate.

CLEAN Resource Feature

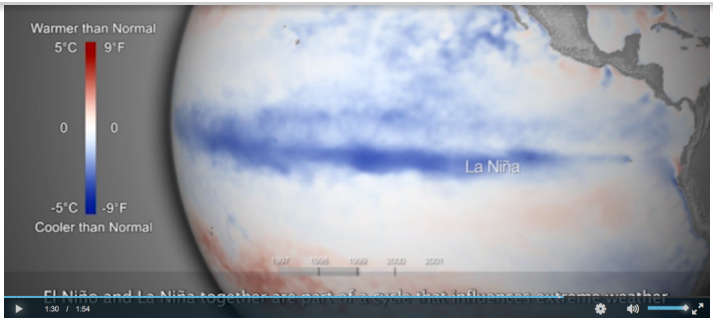
Video: El Niño and La Niña Explained

This short video explores the phenomena of El Niño and La Niña: their relationships to trade winds and surface water temperatures, and their effects on precipitation in North America.

Length: 1:54 min.

Find more resources to about ENSO at CLEAN.

This video from NOAA Ocean Today describes the basics of how trade winds and the movement of water in the Pacific Ocean cause El Niño and La Niña. Simple graphics show the winds



CLEAN Resource Feature

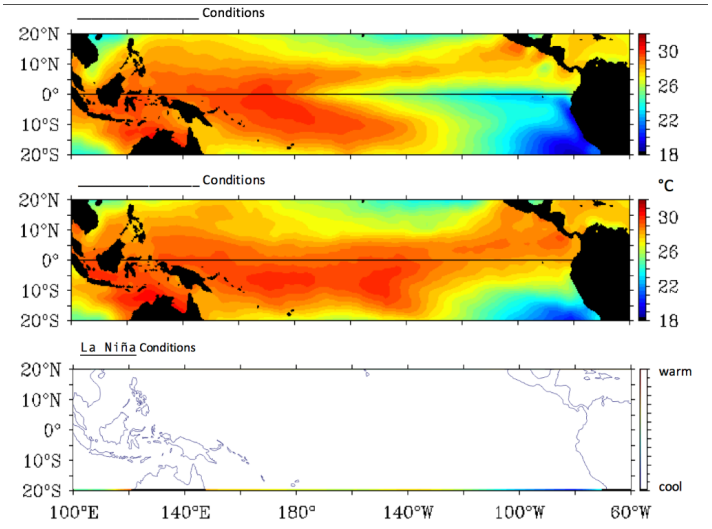
Activity: Predicting Patterns: What Does La Niña Look Like?

This activity builds on core knowledge of El Niño processes and helps students understand the three phases of ENSO: El Niño, La Niña, and normal.

Activity length: 30 min.
Audience: High school students

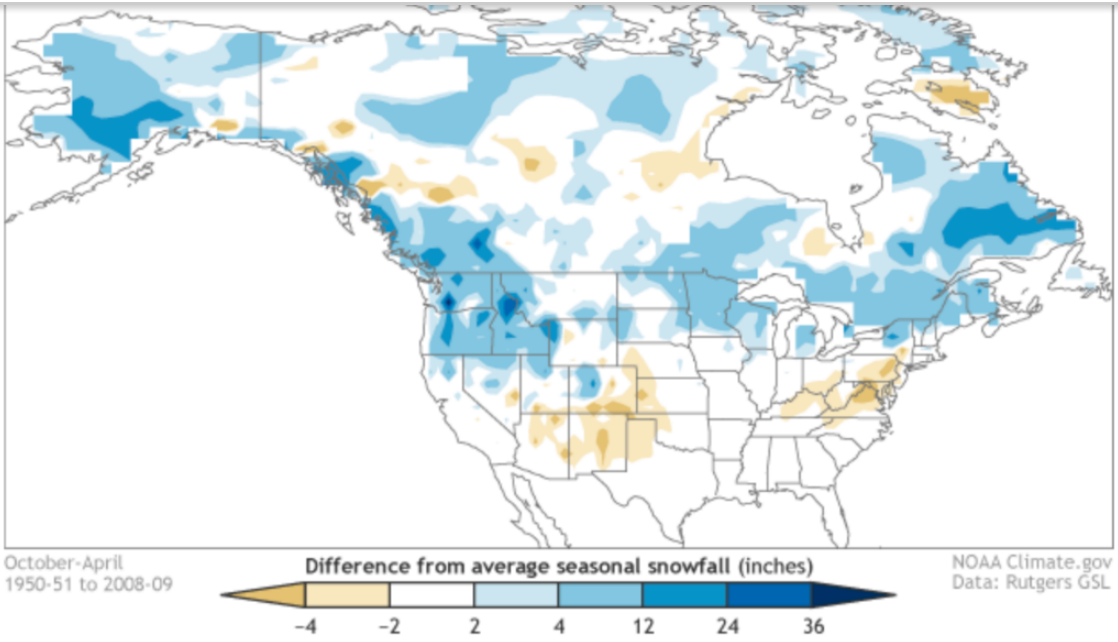
Learn how observations and modeling improve knowledge about climate.

This unique InTeGrate activity asks students to make predictive sketches about what they expect sea surface temperatures to look like during La Niña, and to estimate precipitation patterns during all three phases of ENSO.



Climate & Energy in the News

Read the NOAA ENSO Blog for an update on this season's La Niña forecast and its regional weather impacts.



Explore the CLEAN collection of climate & energy learning resources

CLEAN supports teaching and learning about climate and energy with over 700 free peer-reviewed, scientifically accurate, and classroom-ready resources.

Browse the CLEAN collection by NGSS topics.

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Administration (NA12OAR4310143, NA12OAR4310142), the National Science Foundation (DUE-0938031, DUE-0938020, DUE-0937941) and the Department of Energy.