Understanding desert climate from solar eclipses and varying seasonal effects using GLOBE Observer protocols and professional collaborations



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EPCC Eclipse events focused on regional participation, event booths and citizen scientist collaborations.



EPCC TM - NASA GLOBE PARTNER OFFICE

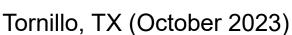


















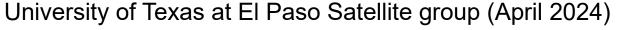


EPCC Mission del Paso Campus (April 2024)





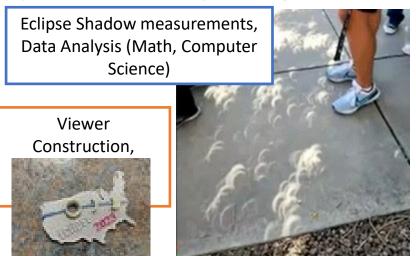






STEAM activities, learning opportunities regarding solar eclipses (April 2024)























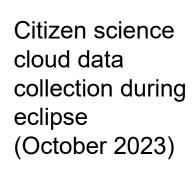
South



East



West





Citizen science Eclipse data collection (April 2024)

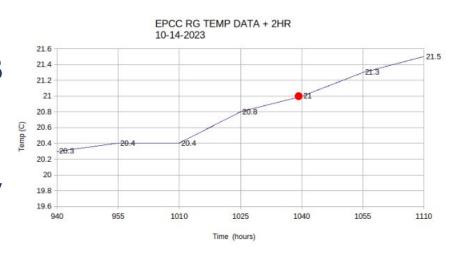


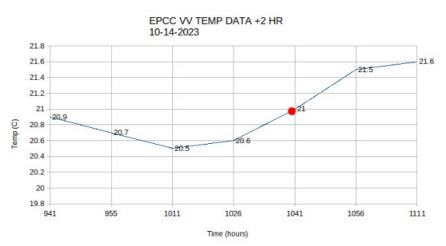


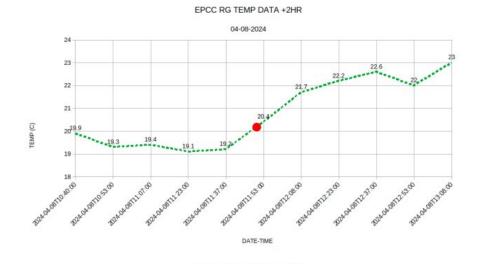


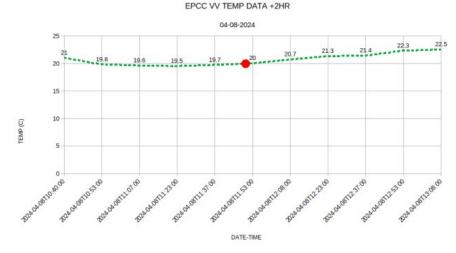
Weather station data collected during 2023 and 2024 solar eclipses

- Eclipse 2023: partly cloudy
- Eclipse 2024: mostly cloudy















Collaborations toward success

Coalition, GLOBE, NASA

Gene Roddenberry Planetarium

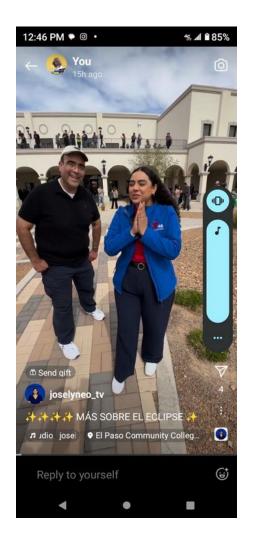
University of Texas at El Paso

Resources Texas STEM

Instituto Nacional de

Antropologia e Historia

The GLOBE Program











Texas Tech

























