

# Ultrahigh Energy Cosmic Rays: Results from the Telescope Array Experiment

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## Content

The existence of cosmic rays with energies near 50 Joules per nucleus challenges our understanding of astrophysical particle acceleration. The extremely low flux of these particles presents experimental challenges that are just as difficult. I will describe the Telescope Array experiment, located in the deserts of Utah, with emphasis on the detection techniques ( utilizing both atmospheric air fluorescence and large area surface detector arrays ) and the current status of results on the energy spectrum, composition and anisotropy of ultrahigh energy cosmic rays. Of particular interest is an emerging hot spot in the anisotropy between Virgo and Ursus Major.

## Summary

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