

Abstract Submitted
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VERITAS observation of flaring activity from the radio galaxy M87 C. MICHELLE HUI, University of Utah, VERITAS COLLABORATION — M87 is a giant radio galaxy located at 16Mpc away and is observed from radio to TeV gamma-rays. Its jet features are well studied in radio, optical, and X-ray. The proximity of M87 provides a unique opportunity for multi-wavelength observations to study the source and mechanisms of high energy emission from active galactic nuclei. The VERITAS atmospheric Cherenkov telescope array has monitored very high energy gamma-ray emission from M87 since 2007. Flaring activities were observed in 2008 in radio, X-ray, and gamma rays as a result of a long-term multi-wavelength monitoring study. The monitoring campaign is still ongoing, and we will present preliminary results from VERITAS observation of the 2010 flare.

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