

Abstract Submitted
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Monocular Anisotropy with the High Resolution Fly's Eye HiRes-I detector BENJAMIN STOKES, Rutgers University, HIGH RESOLUTION FLY'S EYE COLLABORATION — The High Resolution Fly's Eye (HiRes) observed ultra-high energy cosmic rays (UHECR) for nearly a decade. The observatory consisted of two optical detectors (HiRes-I and HiRes-II), situated 12.6 km apart, which made stereo measurements of nitrogen fluorescence in UHECR extensive air showers. However, because of operational asymmetries, HiRes-I accrued a much larger exposure and subsequent monocular data set. While monocular UHECR observations are beset with asymmetric data resolution issues, this data set will continue to provide the largest exposure to UHECR at the highest energies for some years to come. Results of arrival direction anisotropy studies of an expanded HiRes-I monocular data set will be presented.

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