

ATMOSPHERIC MONITORING AT HIRES - THE ATMOSPHERE AT DUGWAY

HiRes Collaboration

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This talk reviews measurements from the atmospheric monitoring program at HiRes collected over the past several years. The detector aperture has been probed locally and over distances approaching 40km using steerable lasers and Xenon Flashers. Distributions of aerosol parameters measured over this time will be presented. Their effects on shower reconstruction will also be discussed.