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Identifying Clouds over the Pierre Auger Observatory using Satellite Data

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We describe a new method of identifying clouds over the Pierre Auger Observatory using infrared data from the Imager instrument on the GOES-12 satellite. For the pixel covering the Central Laser Facility (CLF) we compare cloud identifications with this method to those made with the Fluorescence Detector observations of CLF vertical laser events. The methods agree. We develop cloud probability maps of the array.

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