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ORIGINAL ARTICLE

Site selection for a radio astronomy observatory in Turkey: atmospherical, meteorological, and radio frequency analyses

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Abstract Selecting the future site for a large Turkish radio telescope is a key issue. The National Radio Astronomy Observatory is now in the stage of construction at a site near Karaman City, in Turkey. A single-dish parabolic radio antenna of 30–40 m will be installed near a building that will contain offices, laboratories, and living accommodations. After a systematic survey of atmospheric, meteorological, and radio frequency interference (RFI) analyses,

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