UMRAO - The University of Michigan Radio Astronomy Observatory Familiar with Roadmap

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Contents

This observatory is a 26 meter (85 foot) diameter parabolic reflector that was constructed in 1958 under contract from the Office of Naval Research. It is now under the ownership of the University of Michigan as a research tool.[source link]

There is further information on the other telescopes on Peach Mountain at the University Lowbrow Astronomers club website at (visit link)

1 Introduction

2 A doctoral dissertation report (1971) by Hector Alvarez - The University of Michigan Radio Astronomy Observatory

[source link from NASA]

Project Director: Fred T. Haddock
这是一篇博士论文，关于UM与NASA合作的一个空间望远镜项目，太阳活动的低频观测

3 UMRAO Database Interface

[source link]

The UMRAO total flux density data are currently being edited and prepared for publication in a compendium paper which will be submitted to ApJ Supplement. The linear polarization data will be included in a separate publication. The data on this website are only partially edited and may still contain an occasional bad measurement. These observations are provided as a service to the astronomical community with the specific intent that they be used for calibrating data obtained with other radio instruments, for placing observations obtained with other instruments in context, and for selecting currently active objects or objects with specific variability properties for inclusion in future observing proposals with other instruments, etc. Please note when comparing UMRAO results with VLBI data that our EVPA range is 0-180 degrees and not 0-360 degrees. If any publication makes use of the long term UMRAO data in these specified ways, please add the following acknowledgement: 'This research has made use of data from the University of Michigan Radio Astronomy Observatory which has been supported by the University of Michigan and by a series of grants from the National Science Foundation, most recently AST-0607523.' Inclusion of the recent data in tables obtained as part of the Fermi program should include an acknowledgment to NASA Fermi grants NNX09AU16G, NNX10AP16G, and NNX11AO13G. No light curves, or analysis of these data, may be included in papers submitted for publication without the consent of Hugh or Margo Aller.

4 Related Links

The University of Michigan Astronomy Department
Radio Astronomy & Galactic Rotation Measurements
Small Radio Telescope MichiganRadio - Astronomy (some astronomy news)
LSA Telescopes