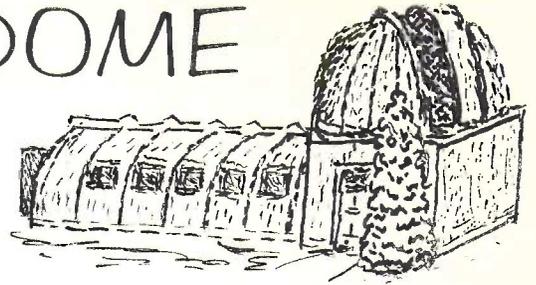


# the DOUBLE DOME



Issued by the  
MILWAUKEE ASTRONOMICAL SOCIETY

FEBRUARY - 1970

## FEBRUARY MEETING

Not all heavenly spectacles are found in the distant areas of outer space, or require precise optical devices or instruments to study them. Not a few can be enjoyed from our own backyards and with nothing more than our unaided, 1 power eyesight. Few among us have never been fascinated by a vivid rainbow or a delicate aurora.

Robert Greenler, UWM Professor of Physics, will explain the what, why, and how of these and other atmospheric wonders in his enlightening talk entitled "Optical Phenomena of the Sky". It promises to be of interest to all members and guests attending our February general meeting.

Date: 20 Feb. 1970

Time: 8:00 p.m.

Place: Room 137, Physics & Eng. Bldg., Corner of  
E. Kenwood Blvd. & N. Cramer Ave.

## BOARD ELECTS VICE-PRESIDENT

Mr. Virgil Tangney, Assistant Observatory Director, has been elected MAS Vice-President by members of the Board meeting Jan. 23. With membership cooperation, Mr. Tangney is sure to continue the fine programs the MAS has enjoyed in the past.

## ECLIPSE NOTES

No doubt all MAS members are aware of the total solar eclipse that is to occur in the near future as it has been a major topic in our Society for the past year.

Quite a bit of advance publicity has been given to this awesome phenomenon - Mr. Herbert Cornell's outstanding article in the Milwaukee Public Museum magazine Lore, many articles in Sky & Telescope, and an informative one in the 8 Feb. Sunday Milwaukee Journal by Mr. Harry Pease.

Director Ed. Halbach has been enthusiastically preparing for the spectacle. His observing "kit" has been shown in the Oct. 69 S & T and to the society members on several occasions. As main speaker, he will address the AAVSO 59th Spring Meeting on March 6th at Perry, Florida. It will feature his eclipse experiences.

Here are a few notes for Milwaukee Area viewers -

- 1) Date - Sat., 7 Mar. 1970
- 2) First contact - 11:11 a.m.
- 3) Maximum - 12:23 p.m. Sun 69% eclipsed.
- 4) Last contact - 1:35 p.m.
- 5) Do not watch directly. Poke a pinhole in a piece of cardboard and project onto another piece of white cardboard. Guard your eyes!

#### A BOUQUET

Thanks to Mrs. Albrecht and everyone whose combined efforts resulted in the delightful Jan. 16 Dinner-Meeting.

#### NEW MEMBERS

Three new members have been added to the Society membership list. Welcome to

Mr. Paul E. Moulder, 3900 Bradee Road, Brookfield, 53005, 781-3957. Interests - Photography, model building, occultations, planets.

Mr. Kevin Kelm, 1132 S. 107th St., West Allis, 53214, 771-8639. Interests - Deep sky observance, radio telescoping, model rockets.

Mr. M. Gordon Marquardt, 2449 N. 68th St., 53213, 258-5135. Interests - Mirror grinding, photography.

#### WANTED

Fellow member Floyd J. Mulhern is interested in buying an Equatorial or Altazimuth mounted 3" refractor or small objective Cassegrain type telescope. You may contact him at 8309 W. Burleigh St., Apt. 1 or call 445-6043.

#### BOARD MEETING

Board members and their wives will meet Friday, Feb. 27, at 7:30 p.m. at the home of Mr. & Mrs. Ray Ball.

#### JOMAS

Keyholders in charge will be Norman Duecker, Feb. 14; Alvin Gillard, Feb. 21; Philip Glaser, Feb. 28; Ed. Halbach, Mar. 7; Garth Hall, Mar. 14; ? Mar. 21. JOMAS members will contact Dave Street (774-8957) for information. JOMAS leaders will contact the keyholder BEFORE 4:00 p.m. on the observing night.

LeRoy Simandl  
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