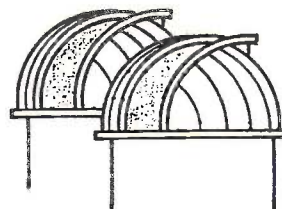


# DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

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- SEPTEMBER 1976 -

STAR PARTY!

STAFF MEETING SEMINARS!

STAR PARTY!

SEPTEMBER PROGRAM-MEETING: Intimate investigation of the length and breadth of the Milky Way is hindered by unimaginable distances. So far, spacecraft fly-bys and touchdowns have explored only a tiny speck of space in our galaxy, so we must use ingenious instruments and techniques as Mr. Richard Berry will point out in his presentation "Exploring the Milky Way".

Mr. Berry recently joined the society. He has a Master of Science degree in astronomy and is Technical Editor of "Astronomy" magazine which is published in Milwaukee.

Attend and bring a friend to the first meeting of the new season

Friday, 17 Sep., 8 p.m. Room 133  
Physics Bldg., Corner of Kenwood & Cramer

STAFF MEETING WORKSHOPS: A new feature will be added to the observatory Staff meetings, starting Wed., October 6, with the introduction of a series of workshop discussions. A variety of subjects will be introduced, starting with a workshop discussion of occultation observing. Topics covered will include equipment requirements, understanding predictions, observational methods, data recording, and reporting.

Future Staff meetings will have workshops on either observing programs or on observatory equipment use.

Each of the programs will have a Section Leader, who will coordinate observing, training, and observation data collection.

The following Section Leader assignments have been made:

- VARIABLE STARS - Standard/Long Period.....Paul Murn  
Eclipsing Variables.....Ed Halbach
- OCCULTATIONS - Standard.....William Albrecht  
Grazing.....Ray Zit/Paul Murn
- RADIO ASTRONOMY.....Rees Roberts

Any interested member may attend. The seminars are planned to be entertaining as well as instructive, and begin at 7 p.m. on the first Wed. of each month.

RADIO ASTRONOMY PROGRAM BEGINS! The society has recently received a ten foot parabolic dish which is now stored at the observatory. A section on radio astronomy now exists under the able leadership of Rees Roberts. Any member interested is invited to a meeting with Mr. Roberts and Robert James Sat., 18 Sep., 7 p.m., at the observatory to discuss possible radio astronomy programs.

The dish was donated mainly through the efforts of Rees Roberts. It was transported to the observatory from the Slinger, Wisconsin area by the Wisconsin Electric Co. The Electric Co. contact was made by Harvey Lindemann. The Milwaukee Astronomical Society is very pleased with this generous offer.

YOU'RE INVITED TO A PARTY! A star party has been planned for members and their families Sat., 2 Oct., at the observatory. Bring your telescope or use society equipment.

The party starts at sunset so come early. Dress warmly. There'll be plenty of hot coffee and perhaps something for dunking!

DUES: It's the start of a new year for your society and Treasurer Anne Albrecht is ready to collect dues! Lest you've forgotten,  
Individual Memberships are \$20  
Family Plans are \$20 plus \$1 for each additional member  
Non-Residents \$15  
Juniors under 16 as of 1 Sep. 76, \$12.50  
Founder Members \$7.50

Please remit to Mrs. Anne Albrecht, 5648 N. 34 St., Milw., Wis. 53209 (464-5085). You may also pay at the September meeting. Contributions to the 25" TELESCOPE fund will be welcome.

NEW MEMBERS: Welcome additions to the society's roster are:

- MR. & MRS. RICHARD BADZINSKI AND VANESSA, Oak Creek; photography, nebulae.
- MICHAEL CAIN, Milwaukee; general astronomy.
- JOHN DINGES AND SHARON, Oconomowoc; Sharon is interested in general astronomy.
- DANIEL FROMM AND JOSEPH, Shorewood; Joseph is interested in planet moons, deep sky objects, and photography.
- THOMAS GOMBAS, Franklin; double stars and planets.
- VICTOR KLEIN, West Allis; planets, deep space, photography.
- PAUL SMITH, Menomonee Falls; nebulas, galaxies, photography.
- JACQUELINE STRIMPLE, New Berlin; comets, astrophotography.
- JOHN TICE, Cudahy; general astronomy, photography.

MEETINGS:

- Fri., Sept. 17 - September General Program-Meeting. Members and guests welcome. 8 p.m. at UWM Engrg. Bldg. Room 133.
- Sat., Sept. 18 - Radio Astronomy Section Meeting. 7 p.m. at the observatory.
- Fri., Sept. 24 - Board of Directors. Board members will meet at 7:30 p.m. at the observatory.
- Sat., Oct. 2 - Star Party, sunset until? All members welcome.
- Wed., Oct. 6 - Staff, 7 p.m. at the observatory. All members welcome.

OPEN HOUSE RESUME: Despite so-so skies, the seven Open Houses at the observatory attracted close to 1600 visitors!

The last, and perhaps best night weatherwise, turned the observatory grounds into a huge parking lot. Well over 500 guests attended the slide show or peeked through many 'scopes of various sizes and types.

Surely our guests owe their pleasant visit to the society members who helped aim telescopes, direct cars, tend store, or explain the marvels and mysteries of space in simple terms.

METEOR SHOWERS:

<u>Max. Date</u>	<u>Shower</u>	<u>Peak Rate/Hr.</u>	<u>Source</u>
Sat., 9 Oct.	Draconids	10	Comet Giocobini- Zinner

Best observing time is after midnight.

FOR SALE! Three tubes, 6 feet long. One is of heavy waterproof cardboard, another is of aluminum. Both will accept mirrors up to 6" in dia. One is of PVC and will accept a 6" mirror. Call Roy Beguhl, 18025 Bolter Lane, Brookfield (786-6148), and make an offer.

MEMBER'S NIGHT: Keyholders in charge are:

Sep. 11 W. Albrecht 464-5085	Oct. 2 W. Collins 464-9420
18 J. Asztalos 962-5696	9 A. Gillard 645-9988
25 H. Auchter 542-2158	16 D. Harris 276-8590

Members may use the facilities for any worthwhile project on these nights-no outsiders please, except parents of young members. Call the keyholder the Fri. before the duty night - cancel Sat. if necessary. Keyholders are urged to come out anyway. The keyholder is also responsible for tours during the week preceding his night. Requests should be cleared through James Toeller (352-7144).

- FULL HUNTER'S MOON THURS., 7 OCT. -

LeRoy Simandl, Editor (933-3052)  
4201 W. Highland Blvd., Milw., Wis. 53208

STAR PARTY!            STAFF MEETING SEMINARS!            STAR PARTY!

OBSERVER'S (CANADIAN) HANDBOOKS: Place your order before Nov. 1 if you want a 1977 Observer's (Canadian) Handbook.

Send \$2.50 for each copy to Mrs. Anne Albrecht, 5648 N. 34 St., Milw., Wis., 53209 (464-5085). You might also send your dues and save some postage.

Only copies that are prepaid will be ordered, so please remit now or place your order at the September or October meetings.