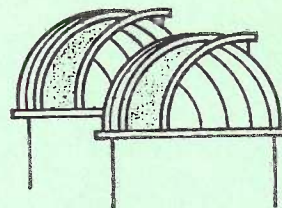


DOUBLE DOME



Issued by the
MILWAUKEE ASTRONOMICAL SOCIETY

Pres.-F. Roldan 344-2354
V.P.& Co-Prog.Chm.-D. Fromm 332-3725 Prog.Chm.-E. Korenic 541-3999
Sec. - Mrs. M. Fromm 332-3725 Treas. - J. Toeller 352-7144
Obs.Dir.-G. Samolyk 258-5626 Asst.Obs.Dir.-J. Asztalos 258-5626
Observatory site - 18850 W. Observatory Rd., New Berlin 542-9071

- : SEPTEMBER 1981 : -

SEPTEMBER PROGRAM-MEETING: The Milwaukee Astronomical Society will begin its 1981-'82 series of Program-Meetings with two presentations, both by MAS members.

James Fanson will tell about UW-Madison's contribution to the 2.4 meter (approx. 8 ft.!) NASA Space Telescope, the most powerful telescope ever built. Dr. Dennis Ebbets of UW-Madison acquainted us with this instrument in a talk last year.

As you all know, the spectacular Viking fly-bys of Jupiter and Saturn was the biggest recent astronomical news. Richard Berry will show slides and tell us more about them.

Attend and bring a friend!

WHEN: Friday, September 18, 1981, 8 p.m.

WHERE: UWM physics Bldg., corner of Kenwood and Cramer, room 133.

FOR OUTSTANDING CONTRIBUTIONS to observational astronomy as an amateur, MAS member Edward Halbach has received the 1981 Leslie C. Peltier Award. This high honor, given for the first time last year, was presented to Ed last month by the Astronomical League, an international organization of amateur astronomers.

Ed. is an MAS Founder Member and has led and served the Society in many ways. In addition to being president, he was director for many years. The 10" Portascopes are but one example of his engineering ability. And he has given much advice regarding the 26" telescope.

In addition to his devotion to the Society, Ed has traveled to Burma, Labrador, and Somalia on solar eclipse expeditions, tracked satellites, led dozens of grazing occultation expeditions, and served as editor of Sky & Telescope magazine. He presently tracks stars and measures their light which will soon be done from a 16" telescope mounted on his and wife Jane's home in Estes Park, Colorado.

Congratulations, Ed! The Peltier Award could not have gone to a more deserving person.

A VERY GENEROUS BEQUEST from the estate of the late Mrs. Ray Ball totalling \$2,690.27 has been received by Treasurer Jim Toeller. Mary Ball and her husband Ray, also deceased, were very active in the Society for many years. May they both rest with the knowledge that the time and treasure they have given will leave an indelible mark on the future of the MAS.

MANY THANKS to Reverend Milton Lange of Fort Smith, Arkansas for his generous donation of \$100 towards the construction of the 26" telescope!

Reverend Lange has been a member of the MAS since 1940 and always includes a sizeable gift for us when he sends his dues.

YOUR DUES ARE DUE! This month is the beginning of the new MAS fiscal year. Please fill out and mail the handy form on the last page of the Double Dome at your earliest convenience. And can you spare a few dollars toward the 26" telescope project? It's coming along just fine, thank you.

EDITOR TO LEAVE TOWN: Your Double Dome Editor will be vacationing late this month so please inform him of anything for the October Double Dome by the 19th of September.

HELP WANTED! Eileen Korenic, our new Program Chairwoman wants to start lining up programs for future general meetings. She needs members to give talks, or give suggestions for programs. Do you know where we can get films or speakers? What would you like? Call Eileen soon at 541-3999.

NEW MEMBERS: Thanks to our Open House programs and the many people who volunteered their time, help, and expertise, and, of course, the interest sparked by the amazing Viking expeditions, the Milwaukee Astronomical Society is enjoying an increase of 13 new members! Meet:

Donald Casser and wife Carolyn, Wauwatosa; Debby Frey (reinstated), Brookfield; Patrick Garrity, Jr., West Allis; David Harrison, Brookfield; Clinton Laskowski (reinstated), Cudahy; James Michelic, New Berlin; Bernard Sandler, Brookfield; Mark Street, Milwaukee; Dale Tutkowski (reinstated), West Allis; Stanley Voss, Burlington; Mark Zych and wife Luann, West Allis. Welcome, everyone!

FOR SALE: Vivitar wide angle 28 mm f2.5 lens. Perfect condition. \$80.
and

Lentar 500 mm f8 mirror lens. Good condition. \$80.
and

10x80 Celestron binoculars with case. Perfect. \$180.

If interested in any or all of the above items please call 327-7561 between 9-11 p.m.

FOR SALE: 10" Newtonian f8 reflector with three eyepieces, Barlow, Celestron K40 mm $\frac{1}{2}$ " focal length wide angle eyepiece, home-built mount, single axis $4\frac{1}{2}$ " finder, f4-5 Newtonian 8x50 finder, worm gear clock drive, Cave mirror. All of the above for \$550! Call anytime. For sale by Elton Belott, 2311 E. St. Francis Av., St. Francis (744-1842).

FOR SALE: Quantum 6 in mint condition. Includes dust caps, dew cap, 2 wooden cases, photo adapter, solar filter, 2" adapter, 3 eyepieces, table top tripod and extremely sturdy full size tripod with wedge. Best offer over \$2,000. Please call Mr. Aris Penikis at 354-9708.

METEOR SHOWER:

<u>SHOWER</u>	<u>NIGHT OF MAXIMUM</u>	<u>PEAK RATE/HR</u>	<u>COMET SOURCE</u>
Draconids	Fri., Oct. 9	10	Giacobini-Zinner

Best viewing between midnight and dawn. Peak may occur a day or two before or after maximum date.

26" (66cm) TELESCOPE: The building is up, the roof is on, the door and window frames are in and much of the interior framing is done. The next major items are exterior painting, forming and placing the ring for the dome and constructing the dome itself as soon as the material arrives. The telescope fork is finished and is stored inside the new building. A break-in caused some damage to the roof but the intruder(s) must have fled in a hurry because they left their ladder behind. We still have it!

IN GENERAL: The satellite shed is painted and re-roofed. Except for the quonset building and the B-building most of the remaining painting will be blue trim as soon as the shade is chosen.

DRIVEWAY: Plans are to widen it so two cars may pass. This is desireable especially on Open House nights.

The goal is to get all of this work done before winter. Can you help?
Call Gerry Samolyk or John Asztalos at 258-5626.

THE BOARD WILL MEET Friday, Sept. 25, 7:30 p.m. at the observatory.

Sep. 12	J. Asztalos	258-5626	Oct. 3	R. Berry	442-4267
19	P. Borchardt	445-1181	10	W. Collins	255-4169
26	L. Burazin	481-4852	17	G. Hall	786-8579

Saturday night is member's night at the observatory. All members are invited to come out to observe, learn how to use the equipment available, or just chat. Call the keyholder the Fri. before his night - cancel Sat. if necessary. Keyholder should report anyway. He will also oversee tours during the week ending with his assigned night. Mr. J. Toeller (352-7144) will act on requests.

- : FULL HARVEST MOON SUN., SEPTEMBER 13: -

LeRoy Simandl, Editor (933-3052)
4201 W. Highland Blvd., Milwaukee, Wisconsin 53208

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Please mark this tear-off and include it with your remittance made payable to Mr. James Toeller, 407 W. Mall Rd., Milw., Wis. 53217 (352-7144).

General Membership @ \$20.00

Family Membership @ \$20.00 plus \$1.00 for each additional family member.

Non-Resident @ \$15.00

Junior Member (under 16) @ \$12.50

Founder Member @ \$7.50

Donations to 26" (66cm) Telescope Fund.

NAME _____

ADDRESS, ZIP, & PHONE

Thank you for supporting the Milwaukee Astronomical
Society.