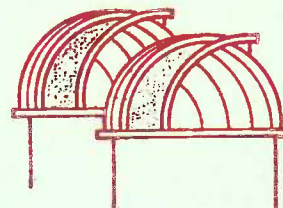


DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

Pres. - F. Roldan 344-2354
V.P. & Co-Prog. Chm. - J. Greenwald 774-8205 Prog. Chm. - P. Smitka 964-5316
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

- : DECEMBER 1980 : -

DECEMBER PROGRAM-MEETING: It's rare indeed when we're visited by a speaker from a far away place such as California!

The December program will feature Dr. Donald Osterbrock, director of the world famous Lick observatory located on Mt. Hamilton, California. The Lick observatory houses a 120" reflector, the world's third largest, and a 36" refractor, second only to the 40" Yerkes.

In his slide-illustrated talk, "Astronomical Research at Lick Observatory - Past, Present, and Future," Dr. Osterbrock will tell us about the history of Lick observatory, current observing programs, and plans for the future including the possibility of a 10 meter (394) inch!) telescope.

Bring yourself and a guest or two to the UWM Physics-Olsen Planetarium Bldg. corner of Kenwood and Cramer, room 133, Friday, Dec. 12 (please note, Dec. 12), 1980, at 8 p.m.

MAKE YOUR RESERVATIONS NOW for the 13th Annual Dinner-Meeting! Mr. & Mrs. Dan Fromm have completed plans and everything is go.

This year's dinner will be served Fri., Jan. 16, 1981 at the Columns, 34th and Edgerton, Greenfield, Wis. Caution! No expressway exit at Edgerton. There is ample free parking.

Each sit-down dinner includes soup, tossed salad, potato, rolls, butter, beverage, and dessert. The cash bar is open from 6 to 7, dinner at 7, meeting at 8. No reservation or payment is required for attending only the meeting. Members and guests are invited. Fill out the tear-off at the end of this newsletter.

Don't let lack of transportation stop you from a good time. Simply call one of the officers at the top of the Double-Dome front page or the Double-Dome editor if you need (or can offer) a ride.

The guest speaker will be announced in the January Double-Dome.

CANADIAN HANDBOOKS for 1981 have been ordered and should be available at the January Dinner-Meeting. If you can't attend call Mr. James Toeller (352-7144) at that time for further information.

WORD FROM HAWAII! Your editor just received word from Bill Albrecht via the Mauna Kea Ast. Soc. newsletter.

Bill Albrecht, an MAS Founder Member, and his wife, Anne, were very active in the society up to the time they left about two years ago for their home in Pahala, Hawaii.

Bill was recently elected president of the 22 member Mauna Kea Ast. Society and Anne is handling the duties of Secretary-Treasurer.

The newsletter goes on to say that Dr. Richard Fischer, program director of the Boulder, Colorado High Altitude Observatory told about the sun and work being done at the Sun and Coronagraph Station on Mauna Loa. Another item tells of plans for a star party with the Hawaiian Ast. Soc. from Oahu to take place at Hale Pohaku at the 9000 foot level of Mauna Kea.

Bill and Anne wish us clear skies. Maybe they'll come to the Regional Convention here in '82.

MEET NEW MEMBER David Wincell of Milwaukee.

26" (66cm) TELESCOPE NEWS: Some winterizing work is being done. Most building activity will wait until spring. However, the electrical and mechanical meetings will continue. In fact, the next meeting will be held Sunday, Dec. 7, 7:30 p.m. at the home of Dr. Victor Hunkel, 9009 W. Clark (258-8210).

At present we need drafters and people to make parts.

Please honor your pledges soon. The completion date goal is 1982 in time for the Regional Convention.

STAFF MEETING at the observatory Wed., January 7, 1981, at 7:30 p.m. All members are welcome. Bring a guest.

For some reason these meetings are not well attended. Only three people showed up at the last one. Don't let the name "STAFF" deter you. These meetings are not just for a special group—they're for everyone, especially our new or younger members. Their primary purpose is to provide an opportunity to acquaint members with our equipment, answer questions, do some observing, etc.

Come out, see for yourself.

THE BOARD WILL MEET after the General-Program meeting at Kalt's, Locust and Oakland.

FOR SALE: 6 inch reflector with equatorial mount, clock drive, pedestal base, camera holder, sunscreen, finder, yellow filter, and 6.8mm orthoscopic, 18mm kelner, and 2x Barlow eyepieces.

Back issues of "Sky & Telescope" magazines from Jan. 1968 through Jan. 1977, all in mint condition. Mr. Terry Kleiber will accept the best offer for each or both of the above items. Please call 462-2037.

METEOR SHOWERS:

<u>SHOWER</u>	<u>MAXIMUM</u>	<u>PEAK RATE/HR</u>	<u>COMET SOURCE</u>
Geminids	Sat., Dec. 13	55	-
Quadrantids	Sun., Jan. 4	100	-

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

TO EVERYONE - A joyful Christmas Season and new chances to fulfil your plans and hopes during the new year!

MEMBER'S NIGHT KEYHOLDERS:

Dec. 6	R. James	421-2162	Jan. 3	P. Smitka	964-5316
13	P. Murn	464-1539	10	G. Samolyk	258-5626
20	J. Pfannerstill	548-9287	17	V. Tangney	327-7976
27	F. Roldan	344-2354			

Only members and parents of young members working on worthwhile projects may attend on the above nights. 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 COLD MOON SUN., DEC. 21 -

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

I (we) want to attend the Jan. 16, 1981 Dinner-Meeting! Please make the following dinner reservation(s).

	<u>Check</u> <u>Choice</u>	<u>How</u> <u>Many</u>
Breast of Chicken @ \$9.00 each	_____	_____
Walleye Pike Fillet @ \$11.60 each	_____	_____
Top Sirloin @ \$12.15 each	_____	_____

Prices include gratuity and extras listed in Dinner-Meeting notice.

Name _____

Address & Phone _____

Please send your selections and check made payable to the Milwaukee Astronomical Society to Mr. Dan Fromm, 2511 E. Newton Av., Shorewood, Wis. 53211 (332-3725).