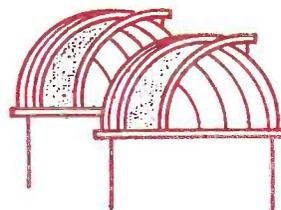


DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

Pres.-F.Roldan 344-2354 V.P.& Prog.Chm.-J.Greenwald 774-8205
Co-Prog.Chm.-T.Renner 1-392-2799 Sec.-Mrs.V.Tangney 327-7976
Treas.-J.Toeller 352-7144 LRPC Chm.-H.Lindemann 871-5900
Obs.Dir.-R.Zit 342-4037(after 5 p.m.) Asst.Obs.Dir.-J.Asztalos 547-3400

- JANUARY 1980 -

MAKE RESERVATIONS NOW FOR THE JANUARY DINNER-MEETING!

JANUARY DINNER-MEETING: There's still time for members and guests to make reservations, but act now!

Briefly, here are the highlights;

WHEN: Friday, Jan. 18, dinner at 6:30, meeting at 8.
Cocktails at 6 at cash bar.
WHERE: Hoffman House, Hy. 100 south of the Blue Mound Road.
Free parking.
DINNER: Complete with salad, potato, relish, dessert, beverage.
See reservation form on last page for entrees.
MAIN SPEAKER: Mr. Paul Joseph, well known, popular WTMJ
Channel 4 weatherman. First-rate slide-illustrated
talk at 8 on weather forecasting.

No charge or reservation for attending only the meeting. Guests are welcome to attend the dinner and/or the meeting.

26" (66cm) TELESCOPE PROGRESS REPORT: As of Jan. 1, the Fund has \$10,285. Please read the following item.

HELP WANTED! Mr. Gary Becker, Editor of The Reflector, would like to do a short story with pictures, on the plans and building site for the MAS 26-inch reflector. As we progress, he will follow along with updates and photographs. Mr. Becker can work with 35mm transparencies, photographs, black and white or color negatives.

The Reflector has wide distribution, so our story would be good for the MAS and also serve to inspire other societies who plan to build.

Send your notes and photos to your Double-Dome editor. I believe pictures will be returned. Literary ability is not required. Information will be forwarded to Mr. Becker who will put it all together.

ASTRONOMICAL RARITY! A full moon usually occurs once a month or about every $29\frac{1}{2}$ days. But 1980 will be unique in that there will be two full moons in January-Jan. 2 and Jan. 31, and two full moons in March-Mar. 1 and Mar. 31! The same thing happened in 1866, according to the Mon., Feb. 3, 1975 Milwaukee Sentinel. In 1961, the double full moon months were in Jan. and April, 3 months apart.

According to notes by MAS Member Harvey Lindemann, the second full moon in a calendar month is called a "blue moon." They normally occur about once every $32\frac{1}{2}$ months. Webster's New Collegiate Dictionary, 1976 edition, defines a blue moon as a very long period of time. A $32\frac{1}{2}$ month interval is a long period of time. Harvey's notes also mention another type of blue moon actually appearing blue in color owing to atmospheric conditions.

HARVEY LINDEMANN, our Long Range Planning Committee Chairman is recuperating from an illness that required a short stay in the hospital. We hope he's up and about by now.

NCRAL CONVENTION: The Sheboygan Astronomical Society will host the 1980 North Central Region Astronomical League convention Sat., May 10, at the Sheboygan Center of the University of Wisconsin. More details soon. Start on your papers now! Plan to attend. Our Society is usually well represented at these meetings.

MEET AND GREET our newest MAS member
Ms. W. Christine Abbey, Shorewood.

WANT ADS: If you have something astronomical you want to buy or sell, call the Double-Dome editor. Your ad will be run one time or repeated if requested. No charge.

STAFF MEETING: Interested members are welcome to meet Wed., Feb. 6, 7 p.m. at the home of Observatory Director Raymond Zit, 3844 W. Park Hill Av. in Milwaukee.

These meetings are not just for a select group of members; anyone may attend. At Staff Meetings you may ask questions, learn observing techniques and equipment use, or enter general discussions concerning the Society or beneficial programs. Our newer or younger members can benefit from these get-togethers.

BOARD MEETING: The Board of Directors will meet Fri., Jan. 25, 7:30 p.m. at the home of Mr. & Mrs. John Geraci, 2545 N. 40th St. Wives are welcome.

THIS WON'T HELP MUCH to keep you warm while observing on cold, windy nights but if you want to figure the wind chill factor, the Fox Valley AS gives this formula;

$$TW = \text{windchill} = 91.4 - K(457 - 5T) / 110 = ^\circ\text{F}$$

Where $K = 10.45 + 6.68 \sqrt{v} - .447v$
 $T = \text{current temp. } (^{\circ}\text{F})$
 $v = \text{wind speed (mph)}$

(From NCRAL newsletter "Northern Lights")

MEMBER'S NIGHT KEYHOLDERS

Jan. 12	V. Tangney	327-7976	Feb. 2	H. Auchter	542-2158
19	R. Zit	342-4037	9	P. Borchardt	445-1181
26	J. Asztalos	547-3400	16	R. Berry	442-4267

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 SNOW MOON (BLUE MOON) THR., JAN. 31

NO FULL MOON DURING FEBRUARY

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

LAST CALL FOR DINNER!

I (we) don't want to miss the Jan., 1980 Dinner-Meeting! Please make _____ dinner reservation(s) for (show amount of choices).

_____ Swiss Steak @ \$8.90 each

_____ Broiled Icelandic Cod @ \$8.90 each

_____ Baked Stuffed Pork Chops (2) @ \$10.10 each

Prices include 15% gratuity and extras listed in Dinner-Meeting notice.

Name _____

Address & Phone _____

Please send this form with your remittance to Mr. Virgil Tangney, 8034 W. Norwich Av., Milwaukee, Wis. 53220 (327-7976). Make checks payable to Virgil Tangney.