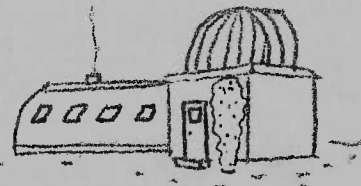


THE

# DOUBLE DOME



A PUBLICATION OF  
THE MILWAUKEE ASTRONOMICAL SOCIETY

January 18th Meeting

1963

Our first meeting of 1963 will be held Jan. 18th at 7:45 PM in the Turstee's Room of the Main Library.

Phil Glaser, who is an authority on the subject, will speak about recent observations of Jupiter. Phil has taken many fine photographs of Jupiter showing details seldom seen anywhere. We will have the opportunity to see some of these.

At our Board of Directors meeting held Jan. 4th, 1963, a recommendation was made to raise the general membership dues from \$7.00 to \$10.00 per year. Since this requires a change in our by-laws, the members present at this meeting will vote on this increase which would take effect Sept. 1, 1963. The dues of the junior members were raised from \$4.00 to \$5.00 per year.

The Board also established a Sustaining Membership at \$25.00 per year and a patron of the society at \$100.00 per year.

The above changes and recommendations were made to raise funds to improve and increase facilities at the observatory.

We are enclosing a descriptive brochure for the study discussion group, "Exploring the Universe." The meeting place for this group will be at the downtown UWM Building.

It has been suggested that we form a separate study discussion group for our own people. This could be held in another location. The time would be the same, 7:45 PM to 9:30 PM Wednesday evenings, to begin Jan. 23rd through April 17th, 1963. The text for this discussion group can be purchased at the Main Library for \$5.00.

If you are interested in participating in a separate group, please call ED. 2-5258.

A class in Basic Astronomy, open to all members, is scheduled to start in mid April. This will be held Monday evenings at the observatory for ten consecutive weeks.



THE

# DOUBLE DOME



A PUBLICATION OF  
THE MILWAUKEE ASTRONOMICAL SOCIETY

February 15th Meeting

~~MEMBER~~

1963

Our guest speaker for this meeting will be Dr. Arpad Elo of Harvard University. His subject will be "The Kepler Problem." Dr. Elo will tell how Johannes Kepler, an early German Astronomer, discovered the Laws of Planetary Motion.

The Milwaukee Astronomical Society has a total of three acres of land now. This will enable us to enlarge our present facilities and to plan ahead for the future. We purchased two additional acres from Mr. Harry Phillips whose farm adjoins our property. His brother, Matthew Phillips, gave our present site to Carrol College with the provision that as long as we used it for astronomical purposes, it would be ours.

Note to all observers at the observatory:

If any trouble or malfunction of equipment is noted and you cannot repair it, please call Len Schaeffer at Sunset 6-8220. He will try to arrange for the repair work.

Canadian Handbooks: Copies of the Canadian Observer's Handbook for 1963 are being held for the following members: Keller, Schmidt, Schoenke, Spridco. If these copies are not called for by the February meeting, they will be sold on a "first come, first served" basis.

Plans are being formulated which can have far reaching effects on our future as a society. Just how far reaching this will be will depend on the individual efforts of all members. You will be informed of the developments and just what you can do to push these plans to completion for the benefit of yourself, your society, and your community.

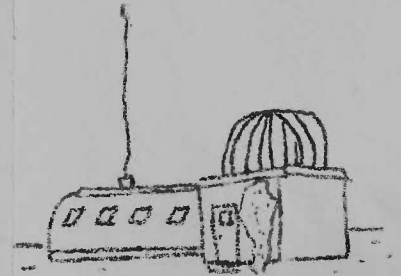
All members interested in joining the class in "Basic Astronomy" which will begin April 15th, please call RD. 2-5258. Ten one-hour sessions are planned each Monday evening thereafter at the observatory.

1963



THE

# DOUBLE DOME



A PUBLICATION OF  
THE MILWAUKEE ASTRONOMICAL SOCIETY

March 15th Meeting

Mr. Arpad Elic of Marquette University, and a past president of our Society, will discuss the "Newtonian Problem."

This meeting will be held, as usual, at 7:45 PM, in the Conference Room of the Main Library.

We are happy to announce that Edward Halbach, our observatory Director, will be the instructor for the course in Basic Astronomy which our society is sponsoring.

The first of the ten one-hour classes will be held at our observatory the evening of Easter Sunday, April 14th. It will continue each Sunday evening thereafter until June 16th.

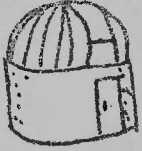
We have received 19 applications for this course. The tentative fee will be \$10.00 for an individual, \$15.00 for a couple or two members from the same family, \$5.00 for the junior members.

We are trying to locate a textbook of low enough cost so that the fee can include it.

A new aluminum tube has been made for the 12-1/2" telescope. It is mounted but not optically aligned as of this date. Before trying to use this telescope, please check with Mr. Halbach.

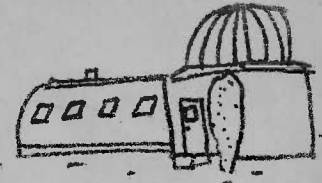
Len Schaefer requested 1,000 three-year old trees from the State for our site. These will arrive some time this spring. Dr. Kliman's scout group has offered to help with the planting.

A work party will be held at the observatory Saturday, March 16th. Check with Len Schaefer at the meeting and choose a job you can take care of for us. Len Schaefer has a long list of jobs to be done.



THE

# DOUBLE DOME



A PUBLICATION OF  
THE MILWAUKEE ASTRONOMICAL SOCIETY

FRIDAY, APRIL 19, 1963

The April meeting of the Society will be held on Friday, April 19th at 7:45 p.m. in the Conference Room of the Main Library.

Dr. Stephen Kliman will discuss the Philosophical Consequences of the Theory of Relativity.

A survey of the new observatory property has been completed and the boundaries marked. A new floor has been laid in the Buckstaff dome. The Armfield telescope will be completely operational after a new low voltage circuit is finished. A telephone will be installed for the convenience and safety of the observers.

In view of the changing of locks at the observatory and the acquisition of new property, as well as contemplated additional improvements, the Board of Directors has decided a new policy is necessary on the issuance of observatory keys.

As of March 29, 1963 all those now holding key privileges must make new key applications. All previous key privileges are terminated. New keys will be issued only to responsible adult members upon application to and approval by the Board.

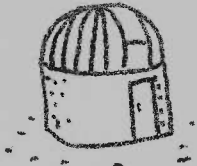
It is the intent of the Board to make provision for the use of the observing instruments by all members by instituting planned observatory schedules immediately.

Cosmos V, a Russian satellite, is expected to fall later this month. It was seen from Milwaukee on April 9 by W. B. Albrecht. Gale Highsmith predicts its fall about April 24. Perhaps we will be lucky enough to see this one come down too.

The trees to be planted at the observatory are to arrive April 19. A work party is scheduled for the 20th. Will we see you there?

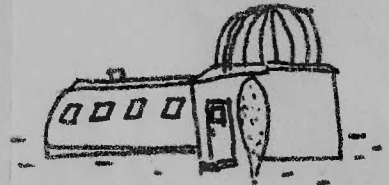
Twenty-seven members have signed up for the Course in Basic Astronomy. Richard Fink will be the Instructor. The Course starts Easter Sunday evening at the observatory.

May 1963



THE

# DOUBLE DOME



A PUBLICATION OF THE MILWAUKEE ASTRONOMICAL SOCIETY

The May meeting will be held in the Conference Room of the Main Library at 7:45 AM, Friday, May 17th, 1963.

Items of business to be conducted are:

1. Election of directors for the coming year.
2. Election of new officers by the Board of Directors.
3. Assignment of projects for the year.
4. Board meeting, with all members of the society invited to listen.

The Basic Astronomy Course has 29 members in it and all comments have been favorable. We could not have chosen a better teacher than Richard Fink.

The trees, all 569 of them, have been planted and marked with stakes. Thanks to Dr. Kliman and his scout group for this job well done. The final success of this planting depends on our spring rains which have been good to date.

The new signboard makes the entire property appear more professional. Thank you, Lon Schaeffer.

The 12" Armafield telescope is in full readiness now. The Buckstaff telescope will require a new tube of lighter material. The dome is just about ready.

We propose to mount the Ed Groff 5" refractor in place of the long focal length 3" reflector in one sliding building. This is easily done and will be ready for open house use.

The 10" reflector was not properly put to bed one night by its users and the wind tipped the building over causing damage to the telescope and mirror. It is being realuminized now. This telescope is for use by our junior members but must have better care that it has had in the past.

Thanks to all members who searched for Cosmos V. We still have not had a report on where it fell.

Members of the occultation program and anyone else interested in occultation please contact Terry Dettman at Li. 1-1386.

Come to this meeting on Friday if you want to air complaints. We must know what your wishes are if we are to act on them.





# THE DOUBLE DOME



A Publication of the  
MILWAUKEE ASTRONOMICAL SOCIETY

Our annual picnic will be held on the observatory grounds Sunday, June 23rd, 1963. Picnic committeemen Konig and Upersky plan a late after-noon-evening outing; soda will be provided - and coffee. Harry Pease will be our speaker and will talk about newspaper coverage of space activities.

The May 17th election put Messrs. Klann, Pease, and Upersky on the board of directors; the rest of the board: Albrecht, Brichta, Fink, Glaser, Highsmith, Konig, and Schaefer. Messrs. Buckstaff, Cornell and Halbach are ex officio. The board elected Alvin Klann as president, Wm. Albrecht, V. Pres., A. R. Ball, Treas., and Carolyn Klann, secy.

Our very successful and interesting basic astronomy course will end with the last session on June 16th. Richard Fink has done a very fine job of teaching it. 27 members enrolled.

## OBSERVERS' SCHEDULE AT THE OBSERVATORY FOR OUR MEMBERS

Mon.	R. Brichta	HO3-9262	H. Pease	SU2-6544
Tues.	E. Halbach	L11-1181	P. G. Glaser	SU2-9500 (office)
Wed.	G. Matthies	SP4-8334	W. Albrecht	ED2-5258
Thur.	J. Upersky (to Oct.)	GR6-1457	C. Simone	OR1-0604
Fri.	A. R. Ball	DI4-0645; T. Osypowsky	L. Schaefer	SU6-8220; K. White, Waukesha
Sat.	W. Konig, Mequon, WI	2-236; J. Walsh	FL4-9398;	T. Osypowsky
Sun.	Open to any member who want to use it.			

Keyholders are listed on the open house schedule.

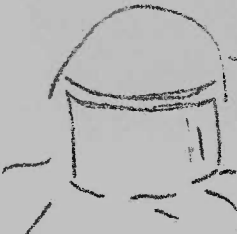
If you want to use the observatory on a particular night, call a scheduled member and check with him. Some of the above-listed won't always use their night, and a call to one of them can arrange things so you can go out if you wish. We need more observers. If you live at a distance and are in doubt about the seeing, call Len Schaefer for a late weather report.

Mr. Ball expressed the wish that the instrument at the old dome be named the Arnfield telescope and the one in the new dome the Buckstaff telescope. The board adopted a motion to this effect. Mr. Knapp will make the name plates for them.

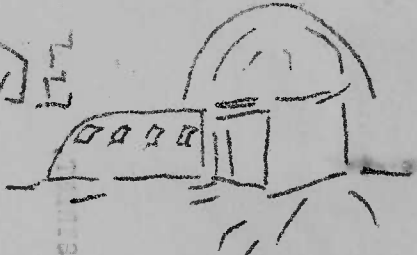
Requests for keys to the observatory coming from junior members will be held in abeyance for the time being.

A number of members, including Messrs. Upersky, Halbach, Cornell, Albrecht, Konig, and Miss Zemlock, are planning to view the eclipse on July 20th. At our last regular meeting E. Halbach gave us some tips on how to do such observing.

Sept 193



# THE DOUBLE DOME



Issued by the  
MILWAUKEE ASTRONOMICAL SOCIETY

We will resume our monthly meetings starting Friday, September 20th at 7:45 P.M.

Our new meeting place is the  
NEW Milwaukee Public Museum  
lecture hall, entrance on  
Kilbourn Av.

The program will feature filmed accounts of the eclipse observations made in Maine and Quebec by some of our members. Messrs. Albrecht and Halbach will show their films; anyone else who has eclipse information please bring it with you to the meeting.

Mr. Ball wishes to remind you that dues for the coming year will be accepted before or after this meeting. Our building fund drive is still going strong and it is not too late to contribute to it.

Mr. Halbach will call an observers' meeting on Sept. 27th at the observatory. Those members wishing to do some serious work will want to be there. A new observers schedule will be lined up; so far Len Schaefer wants Friday nights with someone else; Ed Halbach will take Tuesday and Messrs Albrecht and Matthies will take Wednesday. Members who wish to use the observatory on a special evening will call the one in charge before going out.

Mr. & Mrs. H. W. Cornell have moved to 5939 Drexel Road, Philadelphia 31, Penn. We will miss them at our meetings but we can still correspond by letters, which, I am sure, Herb will be glad to get.

Our Board of Directors for 1963-4:

- |                |                 |                |                         |
|----------------|-----------------|----------------|-------------------------|
| Wm. Albrecht   | ED2-5258        | Alvin Klann    | SP4-9188                |
| Ralph Brichta  | HO3-9262        | Stephen Kliman | HI5-6765                |
| Richard Fink   | SU2-9500 (off.) | Wm. Konig      | S02-7000 Ex.2770 (off.) |
| Philip Glaser  | SU2-9500 (off.) | Harry Pease    | SU2-6544                |
| Gale Highsmith | SH4-5613        | Len. Schaefer  | SU6-8220                |
|                |                 | John Upersky   | GR6-1467                |

Officers:

- Pres. Al. Klann
- V.P. Wm. Albrecht
- Treas. A. R. Ball
- Secy. Carolyn Kliman

The last open house night for the year will be the last Monday of September. The number of visitors to our observatory will be reported in the next issue of Double Dome.



# THE DOUBLE DOME



Issued by the  
MILWAUKEE ASTRONOMICAL SOCIETY

Monthly Meeting - Friday, October 18, 1963 - 7:45 P.M.  
Place: NW Milwaukee Public Museum lecture hall  
Kilbourn Av. entrance. Open to the public.

Mr. Sanford Vanderpool, systems engineering manager at IBM, will introduce the subject of computers and their application. Mr. Albrecht also plans to show us a short movie on light.

The following schedule has been set up for observatory use:

<u>Mon.</u> Open night	<u>Sat.</u> Lutz (Liberty2-7931)
<u>Tues.</u> Halbach (Lil-1181)	Lund
Kumicki	<u>Sun.</u> Grammel (FR4-1206)
Bren	Moorbeck
Schmidt	Damask
<u>Wed.</u> Matthias (SP4-8334)	
and son	<u>Note:</u> First person on
<u>Thurs.</u> Albrecht (ED2-5258)	listed night is ob-
Gillard	server-in-charge. He
Brouillette	is a keyholder and
Simone	MUST BE NOTIFIED by
<u>Fri.</u> Schaefer (SU6-8220)	members of their in-
Ruggaber	tention to come out
Brichta	on that night.

There is some open time available and any others interested in using it call Mr. Schaefer. Also call him whenever civic or church groups wish to arrange a tour of our observatory. Do not arrange such tours unless you check with him first. Our open house nights program has ended for the year.

Our assistant observatory director was very disappointed at the turnout for the last work party. The next one is SATURDAY the 19th. There is much work to be done at the observatory. Try to get there for at least a part of the day. Call Mr. Schaefer if you need transportation.

The Board of Directors accepted the following new members:

Mr. & Mrs. Andrew Jorgensen	Stephen A. Walther
Ronald Distel, Jr.	Jeffrey C. Abrecht
Jonathan Harman	Garren C. Ruggaber
Dennis G. Froemel	

Board also granted keys to: John Dahlberg, Eric Grammel

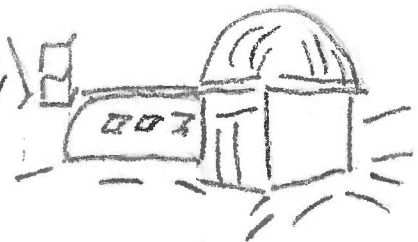
1963 and also 1964 planetary phenomena bulletins will be available at the next meeting for those who do not have copies.

CHANNEL 10 TV PROGRAMS: Thursdays 5:30 P.M. Oct. 17 the Sun the 24th - Time and Distance; 31st - Fingerprints of stars





# THE DOUBLE DOME



Issued by the  
MILWAUKEE ASTRONOMICAL SOCIETY

Our monthly meeting will be on Friday, November 15, 1963 at the new museum building, Kilbourn Avenue entrance, at 7:45 P.M.

Dr. Robert A. R. Parker of the University of Wisconsin's Washburn Observatory, will talk on super nova remnants. Mr. Albrecht will also show a new film - a time lapse movie of the sun's surface taken over a period of two weeks.

Mr. Schaefer, assistant observatory director, wants to remind everyone that there will be a work party at our observatory on Saturday the 16th. There is still a good deal of electrical work and painting to do. If you want a ride with someone please call Mr. Schaefer at Sunset 6-8220.

About 27 per cent of our members have responded to our fund-raising effort, and we urge that those who still plan to contribute do so as soon as possible. The well driller expects to begin his work this coming week at the observatory.

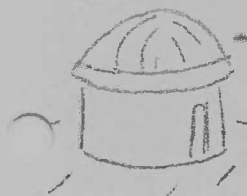
TV channel 10 will present "Nebulae and Clusters" Nov. 20th and "Our Milk Way Galaxy" Nov. 27th, at 7:30 P.M.

Items of interest or notices of interest to our membership which can be included in DOUBLE DOME should reach the secretary of this organization at least ten days in advance of our monthly meeting - which, as you all know, is always the third Friday of the month.

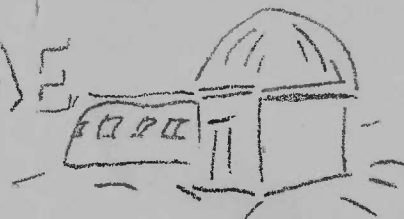
We would like to thank the museum people publicly for giving us space in their new building for our meetings. We are all very pleased with the fine arrangements.

\* \* \*

Dec 1963



# THE DOUBLE DOME



Issued by the

MILWAUKEE ASTRONOMICAL SOCIETY

Monthly meeting on Friday, December 20th at 7:45 P.M.

Place: New Museum lecture hall - Kilbourn av. entrance

Our members may wish to bring their family or friends with them to view a movie from Nassau on the Cooper flight in Faith 7. For the benefit of many of our new members Mr. Albrecht would also like to show a film on solar prominences which is owned by our society.

The January meeting of 1965 has been set for the convention of the Astronomical League which will be held here in Milwaukee. Ralph Brichta has consented to be general chairman. He will need help and will appreciate offers from our membership.

The board has been thinking of acquiring a few small telescopes to rent to members for a nominal fee. We would like some expressions of opinion on this from members at our next meeting.

The season's greetings to you all.