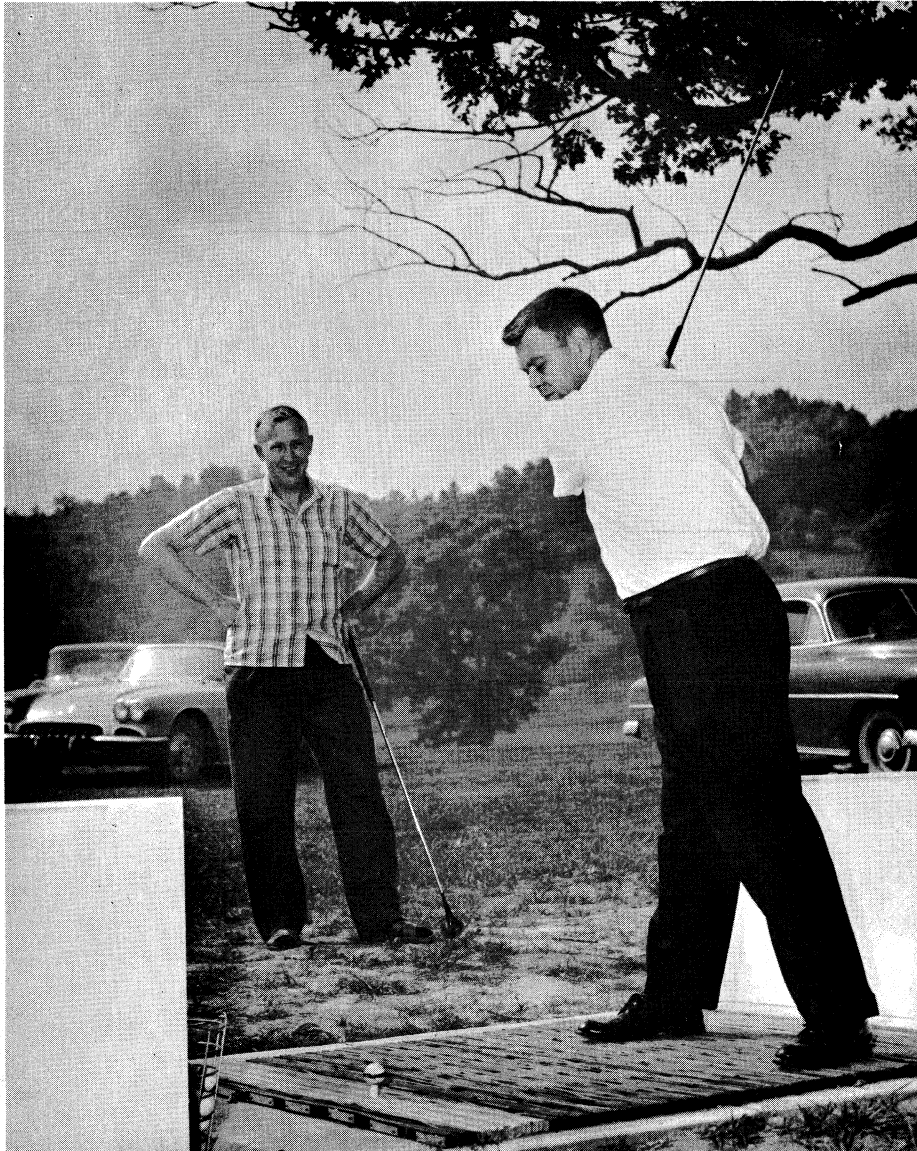


The O B S E R V E R

Vol. 1, No. 7

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Page 1



GOLF DRIVING RANGE OPEN

Dr. Heeschen, Acting Director of the Observatory, and Ted Riffe, President of NRAORA, are seen enjoying the facilities of the golf driving range which is now open. For further information see page 10.

"LAB GAB"

The technical group from the Lab have inaugurated a monthly meeting in the form of a "get-together" which will be held during the last week of every month.

These meetings have a dual advantage. They provide a more relaxed atmosphere for discussions concerning work, new information, and a good chance to air any "gripes" and to present suggestions. Also, it provides for a well needed "night out".

The first meeting was held June 22 with the supply clerks and machinists as their guests, at the Valley Restaurant in Arbovale. After a delicious steak dinner, a business meeting and general "gripe" session were held. Several valuable suggestions for the Lab and how to increase its efficiency were a result of this meeting. So far Carl Davis made three good points, and Dewey Ross made two and one-half (inside joke). From all indications the meeting and dinner were a success.

The air conditioning system has been installed and works quite well.

The transistor course is now underway and a lot of interest has been shown. The class meets at 1:00 P.M. each Thursday with Jim Dolan handling the chalk and greenboard.

The Lab was assigned 8 students for the summer program: Jerry Cohen is helping Dr. Orhaug; Robert Haas,

Adler Tube and front ends; "Hank" Huang, phase measurement equipment; Frank Palluconi, microwave measurements; James Moran, atmospheric receiver and multi-channel receiver; James Hudnall, transistor amplifier; James Merritt, 300' control; and Leah Moore, secretary.

Leah Moore now has a bell to announce her presence in the Lab. Some of the guys talk sometimes when they should be listening. Hm-mm - I wonder who did that????? Baa Baa!

Trial will be held for Bill Kuhlken (The Cheef) and John Hensley (Stub) to determine who blew up the 10-cm switch. Anyone wishing to be a juror please meet in the pool room July 1. The judge is yet to be named.

The 20-foot dish, purchased from Kennedy Antenna Division, Electronic Specialty Co., Cohasset, Mass., arrived June 25, and is to be erected next week.

The 6-cm atmospheric study receiver (which was designed and built here) will be installed next week also.

Joe Carter has returned to Georgia Tech, and Alan Roth has returned to NRAO as his replacement.

Mike Waslo spent a week in Washington on FCC matters.

Noticing Dr. Orhaug, some of the heavier women around the Observatory should ask him how he managed to get so-o-o slim.

Before planning a picnic or family outing, it might be wise to check with Carolyn Dunkle for weather conditions. Her forecasts so far have held true. Be careful Carolyn, the Weather Bureau needs an accurate prophet!

Do your turkeys have swollen heads?? If so, contact Bob Vance. We hear he knows the cure!

Carl Wooddell and Dick Skaggs are working on the Frankenstein and Dracula projects. If these guys keep at it they may create something to keep "Turkey" in line. This I want to see!

FOR SALE----1961 Ford Falcon.
For details and test drive see
Dr. Orhaug.

THE 300' TELESCOPE

Progress is reported up to the present schedule. The ironworkers have been studding the cantilever for the surface which is approximately 50% completed. As soon as the surface arrives on the site, installation will begin. It has been rumored that the completion date for the surface is expected to be around September 1, 1962.

AUDIT DIVISION

Fred Hohmann, Internal Auditor from BNL, and his family have moved again---from the Riley House to House #9. Why all the moving??? Does he not pay his rent? We are

glad to see the Hohmann family "enjoying" all the recreation spots in the county.

William Coughlin, Internal Auditor from BNL, spent the week June 25-29 at NRAO.

Adam Gadzinski, also an Internal Auditor, from BNL was here for a couple of weeks working with Fred Hohmann.

HOUSING

John MacLeod - Summer student is living in House #338, Cass.

V. R. Venugapol - On site, House #10.

Ivan Pauliny-Toth - Will move into the Nut Bin July 4. Toth is in the Scientific Research Group, and is from Cambridge University, England.

Bert Hansson - Will move into Apt. #104, July 13. He is an Electronic Engineer for the Electronics Division. Hansson is coming from Chalmers Institute of Technology, Gothenburg, Sweden.

Carl Heiles - Summer student is living in Apartment #101, with his wife and one child.

Hugh Johnson - Will be moving into House #4, housing area, approximately July 1. He is from Arizona and will join the Scientific Research Group.

Fred Hohmann - House #9, housing area -- until he is moved again.

(continued)

Marvin DeJong - Summer student with his wife and one child are living in House #11.

Bertil Höglund - Will move into the Riley House July 13. He is from Sweden and will join the Scientific Research Group.

"Sis" Michael, Mr. Callender's secretary, is enjoying a two weeks vacation. Her plans were to visit her brother, tour New York City, and Gettysburg. Her main interest is to attend a Major League baseball game while in the "Empire" city.

Dr. Heeschen will leave July 1 to participate as a Lecturer in the Summer School on Radio Astronomy which is being held at the University of Manchester, in England.

Mr. Bill Meredith is in Jodrell Bank, England, attending a two weeks summer course in radio astronomy, which is being held at the University of Manchester.

Dr. Frank Drake is participating in the Space Science Summer Study at the State University of Iowa, during the period June 24 through July 6.

Mr. V. R. Venugopal, with his wife and small daughter, have arrived from Nizamiah Observatory in India. He has joined the staff of the NRAO as a Research Associate for the period of one year.

Miss Joan Crampin has returned from a vacation of sight-seeing and visiting friends. She visited Pittsburgh, and New York and was impressed with the view of New York City from the

Empire State Building. She also visited Dr. Pawsey at the Massachusetts General Hospital in Boston.

Dr. Findlay is spending three weeks at the Space Science Board Summer Study at the University of Iowa, Iowa City.

Cleo Harper, an employee of the cafeteria, is home from the hospital and is reported feeling very well. She will not be allowed to return to work for several weeks.

Mary Jane Wade and children attended the World's Fair in Seattle. Dr. Wade reports that all he knows is that they saw the "sights" and are expected home Friday, June 29.

VISITORS FROM KITT PEAK

June 1 and 2 a group of scientists from Kitt Peak visited the Observatory. They were entertained in the home of Dr. Heeschen early in the evening, followed by a dinner at the cafeteria on June 1. Among this group was Dr. Roger Lynds, a former member of the AUI-NRAO staff.

VISITORS

We have had a visitor in Green Bank this week from Apopka, Florida -- a former employee and a friend - Jim Elliott and family. They are visiting their parents, Mr. and Mrs. Robert Elliott and Mr. and Mrs. Harvey Meyers. By the looks of Jim the Florida life has done him a lot of good. Of course a good cook (the little wife) has a lot to do with it. Welcome home, Jim and family.

DON't FORGET!!!!

Wednesday, July 4th, is a holiday.
Have a nice time!

5 YEARS OF SERVICE

Did you know that NRAO has 5 employees who have been on the permanent payroll for five years or longer? They are as follows:

- David S. Heeschen
- John W. Findlay
- French Beverage
- Harry Wooddell
- Warren Gay Wooddell

Mr. and Mrs. Clayton Williams lunched at the cafeteria Tuesday, June 26. He is Dean of the Law School, Washington and Lee, Lexington, Virginia.

You may have noticed a proud "gent" driving around the site in a new blue "Country Sedan" stationwagon. The engine is even painted blue! Happy motoring, Spence!

A NOTE TO ALL "GUN SLINGERS" OF THE NRAORA

This week we have received part of our order for reloading equipment. Included are two spotting scopes. When the order is complete you will be notified. So oil up those shooting irons and be ready. The shotting range will also be ready in the near future.

The last words of Eli Whitney:
"Keep your cottin pickin' hands off my gin!"

Many persons driving through Dunmore notice the new building under construction. This is the future home of Mr. and Mrs. Pat Hall. Good luck, Pat! (Pat says "If your hands fit a shovel, come down.")

PROOF THAT TIMES ARE REALLY CHANGING

In the good old days the man of the house took up his mountain rifle, went out and killed a bear. The modern version is: Send out your wife, give her the family car and let her kill the bear. (For further details see Beatty Sheets.)

The past week Mr. and Mrs. James Simmons, Jr. and family spent a weeks vacation in Cleveland, Ohio visiting Mrs. Simmons' parents. Jim, as you know, is a painter at the Works Area.

AVERAGE has been aptly described as, "The worst of the best, and the best of the worst".

When you drive to the Hannah Farm you will see the two tennis courts, volley ball and open air basket ball courts under construction.

The fill and base are completed, ready for paving. Fencing is now in progress and with luck we hope to be ready for tennis games within the next two weeks.

Dr. Orhaug will be leaving for Sweden about July 19. We will all miss him very much and wish him the best of luck. The "Welcome" mat will always be out to the Orhaugs. (Personally we can't blame him for wanting to join his wonderful wife and children.)

ENGAGEMENT ANNOUNCED

Mr. and Mrs. Walter C. Beyer, of Pittsburgh, have announced the engagement of their daughter Elizabeth Mary, to William B. Waltman. Elizabeth is better known to us as "Beth" since she is now employed at the NRAO for her second summer. "Bill" is employed in the Scientific Research Group and is studying for his doctorate. Beth plans to return to the University of Michigan this fall for her senior year.
CONGRATULATIONS AND BEST WISHES, Beth and Bill!

Dorothy Sutton, of Arbovale, has been employed as "Visitor Receptionist" for the summer months. She will return to Glenville State College this fall.

Remark made by visitor as technician emerged from the 85' pillbox "Who's the pill getting out of the pillbox?"

BROOKS-ROSE WEDDING

The Cass Methodist Church was the setting for the wedding of JoAnn Rose and Lyndell Brooks June 9, 1962, at 4:30 P.M. JoAnn and Lyndell are both employed by NRAO: JoAnn in the Scientific Services Division and Lyndell in the Engineering Department. They went to Nags Head, North Carolina for their wedding trip, and are now residing in Durbin.

REQUEST FOR INFORMATION

Last issue a request went out to the readers for information on a Revolutionary Soldier, James Tallman, and his wife, Nancy Tallman, supposedly buried in this area. The same request is made again this month.

According to a D.A.R. member who wrote to the Public Education officer, the Observatory site was the homestead of James Tallman. Tallman and his wife are reportedly buried on the homestead.

If you have any information on James Tallman, please contact Wally Oref.

Over 800 people visited the Observatory this month. The majority of visitors were West Virginians. Charleston was the most represented city.

Most frequency asked questions this month were "How many acres does the Observatory cover, and what will the Observatory do in time of war?"

SCOPE SCOOP

Two telescope operators are on vacation: Troy Henderson and Howard Brown. Troy will be away about 3 weeks touring the South. Howard will be away about 2 weeks. It has been reported he will spend most of his time in his potato patch.

Dick Bird doesn't have much faith in hitch-hiking anymore. Having his car in the garage he started hitch-hiking from Minnehaha Springs about 12:30 P.M. At 4 P.M. he still hadn't reached Green Bank, so had to call George Grove to give him a lift. Better luck the next time, Dick.

We are glad to welcome the following summer employees:

UGRPP

Ronnie Barnes of Clarksville, Tenn.
School, Vanderbilt University.

Thomas Barnett, of Morgantown, W.Va.
School, West Virginia U.

Douglas Hall, Lexington, Kentucky,
School, Swarthmore College

Thomas Hall, Lexington, Kentucky,
School, Earlham College

Carl Heiles, Ithaca, New York,
School, Cornell

James Hudnall, Meridian, Mississippi,
School, University of Miss.

John Kirkham, Jackson, Mississippi,
School, University of Miss.

James Moran, Leominster, Mass.
School, Notre Dame

GRADUATE PROGRAM

Yervant Terizan, Alexandria, Egypt
School, Indiana University

Peter Gaposchkin, Boston, Mass.
School, University of Calif.

Hua-Feng Huang, Tiawan, China
School, Vanderbilt

Marvin DeJong, Hudsonville, Mich.
School, Renssealer

John MacLeod, Urbana, Illinois
School, University of Ill.

Frank Palluconi, Iron Mountain, Mich.
School, Penn State

Jerome Cohen, Pittsburgh
School, Carnegie

Ellen Gunderman, Park Forest, Illinois
School, Harvard

Robert Haas, Minersville, Pa.
School, Penn State

OTHER STUDENTS

Elizabeth Beyer, Pittsburgh, Pa.
School, University of Michigan

James Merritt, Talahassee, Florida
Florida State

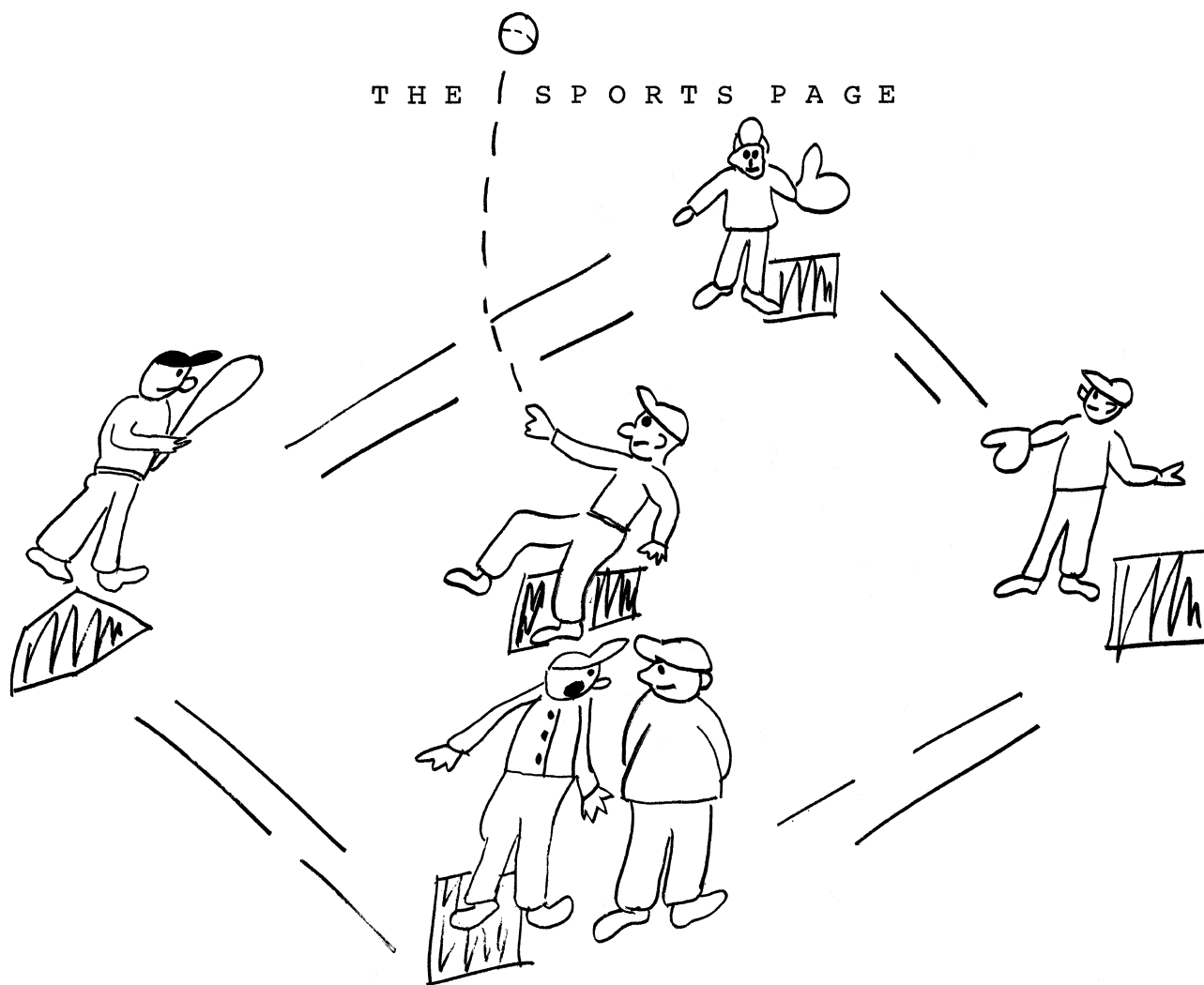
Alfred Braun, Chicago, Illinois
School, V.P.I. (Co-op student)

Larry Sutton, Arbovale, W. Va.
West Virginia University

BIRTHDAYS IN JULY

Vincent Scott	July 4
Shirley Carpenter	July 19
Gene Crist	July 21
Edward Wilson	July 23
Maxie Gumm	July 29
Ralph Perry	July 30

Naomi Daniels visited her father, who was a patient in the Medical Center at Morgantown, on Sunday.



I THINK JIM S. IS LOSING CONTROL

July 1 starts NRAORA's official softball season. Games played prior to this date are considered organizational games, and are not considered in league standings. We are organizing for the first time four softball teams. They are made up mainly of the four basketball teams, with the summer students filling the vacancies. For a successful season

we need approximately 50 players. Today we are slightly short of this goal, but are moving up slowly. So, if you plan to take part, do so immediately. We need umpires and official scorekeepers. Anybody interested?

Following is a schedule of games for the next 2 months. After these games are played a series play-off is scheduled.

National Radio Astronomy Observatory Recreation Association

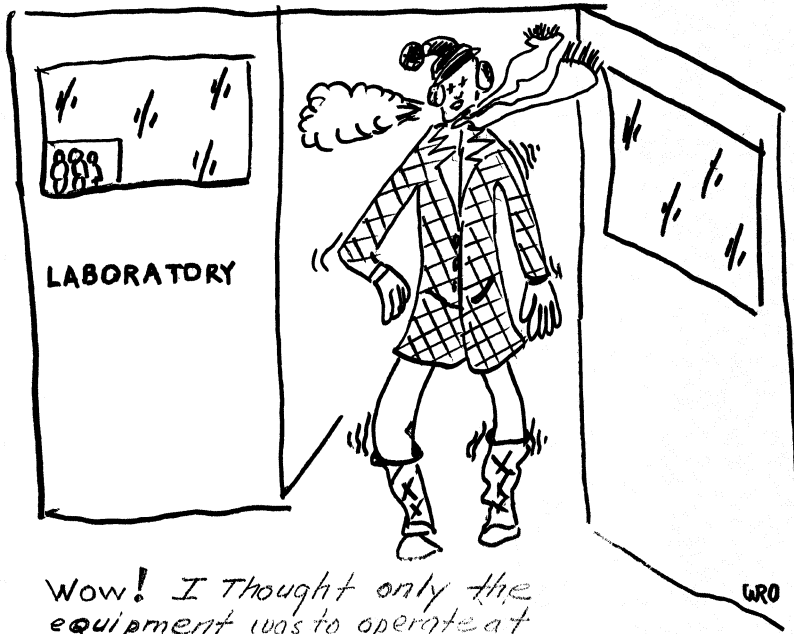
SOFTBALL SCHEDULE

July-August

	<u>Home</u>		<u>Visitor</u>
July 3	Brown Bombers	vs	Green Hornets
5	Red Raiders	vs	Blue Devils
10	Blue Devils	vs	Brown Bombers
12	Green Hornets	vs	Red Raiders
17	Brown Bombers	vs	Red Raiders
19	Blue Devils	vs	Green Hornets
24	Red Raiders	vs	Blue Devils
26	Green Hornets	vs	Brown Bombers
31	Green Hornets	vs	Red Raiders
August 2	Brown Bombers	vs	Blue Devils
7	Red Raiders	vs	Brown Bombers
9	Blue Devils	vs	Green Hornets
14	Brown Bombers	vs	Green Hornets
16	Blue Devils	vs	Red Raiders
21	Brown Bombers	vs	Blue Devils
23	Red Raiders	vs	Green Hornets
28	Red Raiders	vs	Brown Bombers
30	Green Hornets	vs	Blue Devils

At a meeting of the team captains on June 22, the following rules were established:

- 1) All games shall begin promptly at 5:30 p.m. and shall be of a duration of 9 innings.
- 2) Umpires shall be selected with the consent of opposing team captains.
- 3) Home teams shall be responsible for securing and stowing equipment and for scoring their game.
- 4) A captain may not pick up players to fill out a team other than those players on his team. However, he may elect to play the game short-handed or to pick up players, forfeit, and play a practice game.
- 5) The umpire's decision shall be considered FINAL.



Wow! I thought only the equipment was to operate at low temperatures.

SPACE JOKES

This particular Martian got to like it in this nudist colony and decided to stick around and get acquainted. One thing aroused his curiosity. All the nudists were clean-shaven except one, who wore a knee-length beard. "How come?" the Martian wanted to know.

"Well," replied the bearded one, "someone has to go out for coffee."

Out of the flying saucer streamed a horde of spidery Martians. "Look, fellows, dames!" yelled one, pointing to a row of parking meters.

They surged forward, each embracing the object of his affections, until only one meter stood alone. "Hey, wait for me," cried a voice from the saucer, and out stumbled the last of the Martians. Looking around wildly, he finally rushed forward and threw his arms around the one remaining meter. Suddenly he noticed that his buddies were all laughing at him. "What's so funny?" he demanded. "Ha, ha," they chorused, "you got the ugly one!"

GOLF DRIVING RANGE

The golf driving range is open for the convenience of employees the following hours:

Sat. & Sun.	12:00 Noon-7:00 P.M.
Mon., Wed., Fri.	2:00 P.M.-7:00 P.M.
Tue. & Thurs.	2:00 P.M.-4:45 P.M.

The following charges shall prevail for the use of these facilities:

Employee Member or Family Member--
NO CHARGE

Employee Non-Member-Bucket of 25,	35¢
Employee Non-Member-Bucket of 35,	50¢
Guest of Member -Bucket of 25,	35¢
Guest of Member -Bucket of 35,	50¢

To enjoy the "no charge" privilege the employee-member or family-member must show his NRAORA identification card.

Guests will be admitted only when escorted by an employee-member or by special arrangements with the NRAORA Activities Committee. (Bowyer or Devlin)
Employees will be responsible for their guests, both for conduct and the collection of funds for the use of the facilities.

NOTICE

The Pocahontas County Historical Society needs information and mementoes concerning the history of the theatre in Pocahontas County. Anyone having such is requested to contact Mrs. Frank Johnson, 799 4719. The material will be used in a book on the history of the theatre in West Virginia to be published for the Centennial.

PIANO RECITAL

The piano class of Mrs. Theodore Riffe will present its annual recital at the Cass Presbyterian Church, Sunday afternoon, July 1, at 3:00 P.M.

The public is cordially invited to attend.

The following pupils will take part.

Marcia Callender
Paula Clarkson
Jerry Varner
Lisa Heeschen
Anita Callender
Karen Kane
Denise Meredith
Jenny Ann Riffe
Nancy Lightner
Linda Foe
Jean Baldwin
Margie Sue Barkley
Jetta Bowyer

CONTRACT FOR MAIN SITE ROAD AWARDED

On June 28, 1962, a contract for the paving of the main project road from the main entrance of the Observatory to the 140' telescope, and all main parking lots was awarded to the Callison Construction Co., Clarksburg, West Virginia. The terms of the contract call for completion in 60 days.