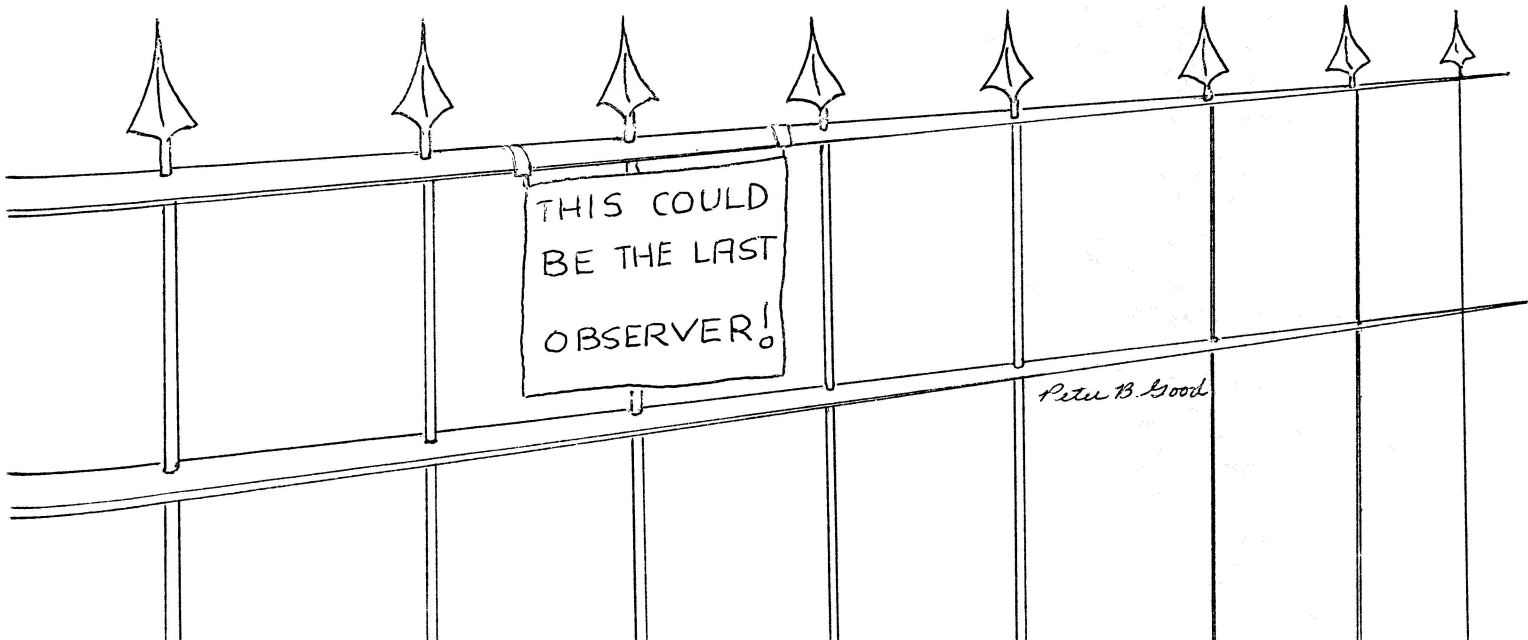
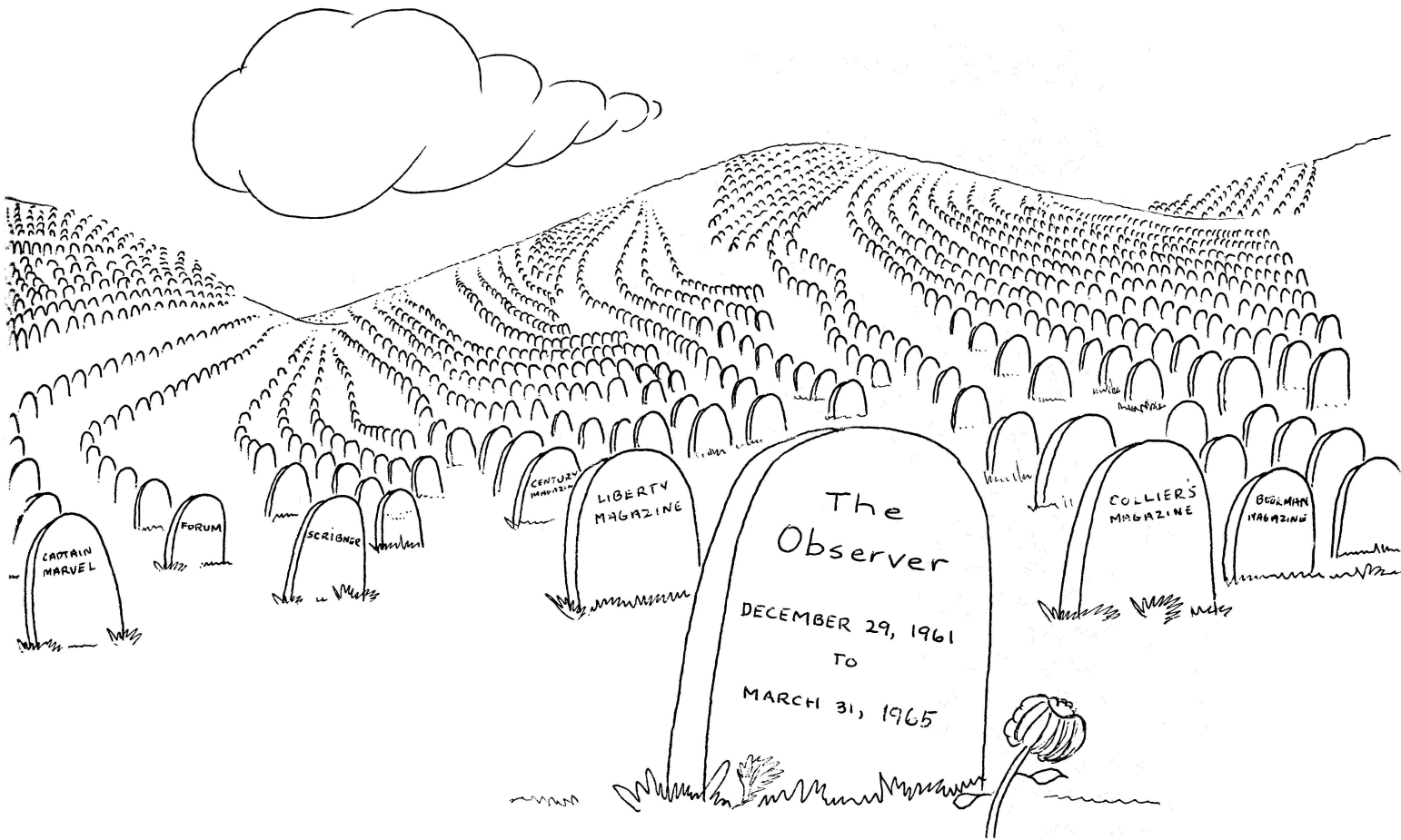


# The O B S E R V E R

Vol. 3, No. 16

March 31, 1965



Some Interesting Addresses on Letters Received by Wally Oref

NRAO  
Sugar Grove, W. Va.

The U. S. Naval Observatory  
Green Bank, W. Va.

Project Ozma  
West Virginia

The Big Ear  
Green Bank, W. Va.

The Electric Ear  
Green Bank, W. Va.

Big Ear Science Center  
G. R. , W. Va.

The Big Eye  
Green Bank, W. Va.

The Radio Telescope  
Green Banks, W. Va.

The Astronomy Center  
Green Bank, W. Va.

Excerpts of Letters Received at the NRAO

Dear Sirs,

I'd like to know if you would send me a great deal of information and a working model of a radio telescope. Ha... Ha...

Gentlemen:

My seventh grade math teacher has started a math club for the study of "Martian Math", a new number system.

Our class understands that you are leading a study effort on this project.

We would be happy if you could send us some non

classified data on this math system and plans for the future exploration of Mars.

Dear Sir:

Kindly send me some photos of the sun and its activities, also a dialogue of the sun.

"All's Quiet on the NRAO Front"

The other night, I ate dinner, as usual in the NRAO cafeteria. The menu included a sirloin steak. I'm game, so I ordered one "rare". I sat down at one of the friendly tables and waited for my chunk of cow.

The wait was pleasant, sitting with the friendly boys and girls already chomping on their steaks. Not much was said, so I assumed all was well. After a short while, the chef, Walt, personally brought my steak which was nestled on a sizzling platter. I looked down at the 2" thick steak, snapping crackling and popping at me on the hot plate. My lips parted, my heart fluttered violently, as I eyed beauty in the raw. I stared at the steak. Absolutely gorgeous! What a steak! What a beautiful piece of meat! I cut and ate. My knife sliced through the steak like butter. Just right. No wonder there was little talk at the table. Everyone was engaged in the business of eating dinner. Price???

\$1.46 which goes a long way when Walt prepares a steak dinner at the Cafeteria. So, if you're ever in our vicinity around dinner time and the "noise level" is low, you'd better come on in. It could be another steak feast, NRAO style.

XEROX USERS AGREE THAT

Commendation goes to JIM OLIVER for his maintenance of the Xerox machine. He not only performs his duties satisfactorily but always responds with a smile and without gripes. Sure is nice to have you around, Jim.

YOU REMEMBER I said I kept getting the horrible feeling about the next premier of South Viet Nam being someone named No Khanh Dhu? Well, someone else has remarked that his top general will no doubt be someone named No. Dhamnh Ghud.

7: 30 PM - 9: 30 PM. This meeting is being held at night for the convenience of those who have not been able to attend in the afternoon, including office personnel.

The hostesses will be: Mrs. Barry Smith, Mrs. Sidney Smith, and Mrs. Warren Tyler.

### Ode to a Ski-Tow

By Hannah's manse did Dr. M  
A fiendish rope device decree  
Where Deer, the sacred river ran  
Through valleys measureless to man  
Down to a sunless sea.  
So three score yards of fertile ground  
With poles and ropes were girdled around:  
Upon this slope, dug with pneumatic drills  
There blossomed many a car-wheel-bearing tree;  
Here was a motor, ancient as the hills  
Puffing black smoke upon the scenery.

After a sacrifice, and a prayer chanted  
By the Winter Sports Committee, the gods of  
weather granted  
To the green hill its ermine, snowy cover:  
Straight to the spot the skiers came, enchanted  
Like woman searching for her demon lover.  
Soon, with a mad, meandering motion,  
Up and down hill the demon skiers sped,  
Sometimes on skis, more often hands, elbows,  
knees and head  
Making deep trails of blood and suntan lotion.

And 'mid the tumult, far-sighted men could see  
Cars crowding by the doctor's surgery.  
Then would they cry: Beware, beware  
The skier's eyes, his flashing hair!

Depart from him, all in a trice  
And close your eyes in holy dread,  
Better at home, in your warm bed  
Than at the gates of Paradise.

### OBSERVATORY WIVES - NIGHT MEETING

The Observatory Wives will hold their April Monthly meeting, Wednesday, April 14th in the upstairs lounge of the Residence Hall,

### AIRPLANE LOST??????

On the morning of Friday, March 19, time 0230, the ring of the telephone shattered the quiet at the guard shack. Jim Ryder, then on duty, answered, "Hello, guard house." "Hello" cried a voice half anguished, half asleep. "Can I help you, ma'm," asked Jim? "No, not me, but can you help that lost airplane" wails the woman"? It must be a lost jet. "He's been circling overhead for the past three hours." Jim asks, "Does the jet noise ever stop"? "Yes" she says, "but it'll be back. "It goes and comes, but it'll be back".

The noise the lady heard wasn't a lost jet airplane trying to land, but actually a lost jet engine de-icing the 300-ft telescope.

### GOLF

The NRAORA has purchased four memberships in the Pocahontas County Country Club for 1965. These membership cards may be obtained from the receptionist, Mrs. Carpenter, during the week and from the Cafeteria on weekends by members of the Association. Cards will be signed out and should be turned in as soon as possible upon return to the Observatory.

### CHANGES TO BY-LAWS - NRAORA

No report can be made at this time on the proposed changes to the By-Laws of the Association. Only fifty percent of the members have returned their ballots, and the changes require a two-thirds majority of the member-

ship. If you have neglected to return your ballot, please do so at your earliest convenience.



The Contemporary Sage describes every man's life thusly

Twenty years of having his Mother ask him where he is going. ....

Forty years of having his wife ask him the same thing. ....

And at the end leaving his mourners wondering too. ....



FOOD FOR THOUGHT

- The greatest sin ..... Fear
- The best day ..... Today
- The biggest fool ..... The boy who will not go to school
- The best town ..... Where you succeed
- The most agreeable companion ..... One who would not have you any different than what you are
- The great bore ..... One who will not come to the point
- A still greater bore ..... One who keeps on talking after he has made his point
- The greatest deceiver ..... One who deceives himself
- The greatest secret of production ..... War
- The best work ..... What you like
- The best play ..... Work
- The greatest comfort ..... The knowledge that you have done your work well
- The greatest mistake. .... Giving up
- The most expensive indulgence ..... Hate
- The cheapest, stupidest and easiest thing ..... Finding fault

- The greatest trouble maker. .... One who talks too much
- The greatest stumbling block ..... Egotism
- The most ridiculous asset ..... Pride
- The worst bankrupt ..... The soul that has lost its enthusiasm
- The cleverest man ..... One who always does what he thinks is right
- The most dangerous person ..... The Liar
- The most disagreeable person ..... The complainer
- The best teacher ..... One who makes you want to learn
- The meanest feeling of which any human being is capable ..... Feeling bad at another's success
- The greatest need ..... Common Sense
- The greatest puzzle ..... Life
- The greatest mystery ..... Death
- The greatest thought ..... God
- The greatest thing, bar none, in all the world... LOVE



FOR SALE

1964 Model 700 BDL Remington 222 mag. with Weaver K-10 Scope. Also complete Pacific Reloading Outfit and a Savage 24 DL 22 mag. over 20 ga. 3 in mag. with 4 power scope.

Contact David Williams  
85-ft or Phone 456-4155



## VANISHED HEROES

II. Torleif<sup>1)</sup>

The present poem is the second in a series by one or more unknown authors who have followed popular oral tradition while reworking in more sophisticated form facts, legends, and beliefs long embodied in the folkways. It was hoped that the publication of Torleif could follow immediately upon that of the Snodysey in the January Observer, but the translation of a difficult and defective text has proved more of a problem than at first anticipated. The editor, however, has felt the delay to be justified, since it is possible that not all members of the public reached by this journal command a reading knowledge of Old Norse. Doubtful passages have been freely interpreted by the translator, who has also supplied punctuation and stanzaic form. Footnotes of possible interest to scholars have been added by the editor. If sufficient enthusiasm is awakened to encourage further publication, a third poem will appear in an early issue.

## I

Meet it is, kinsmen,  
To hear Torleif's tale,  
How twice he battled  
Death to his foes

Happy the life  
When he won glory  
Harried the spirits  
And read the runes

From the brimming horn  
He swilled good ale  
Rended the carcass  
And tossed the bones

While the ewes mustered  
The lambs bounded  
Squirrels skipped  
And gladly the groundhog

Then did the Aesir  
As Valhalla rang  
From flowering branches  
And the sun shone golden

met in mead-hall,  
a hero's saga:  
bloody foemen.  
decreed the Norns.

he lived in our valley  
at Gammelgaarden,  
of the high places  
of their ribald howls.

at the high table  
from across the border,  
of roasted boar's flesh,  
to his trusty hounds.

in the mountain saeter,  
to bountiful udders,  
to the sycamore's summit,  
greeted the May.<sup>2)</sup>

exult in Asgard  
to the roof with singing;  
flowed Yggdrasil's honey,  
on gods and men.<sup>3)</sup>

## II

Now the bright air darkens  
The eider duck's young  
The crow keens low  
In the owls' eyrie

Too late the wise birds  
For craftily toward him  
Matchless in guile  
And sullenly ruthless

and doom stalks the valley:  
dree their weird in the hollow;  
over plowland and meadow;  
the owlets cry.

warn Torleif of danger,  
there creeps an attacker  
as the Midgard Serpent  
as slug in slime.

But the ship sails on  
A boat is beached  
Daring the demon  
Seeks out the fiend

Twice the height  
More than twice the girth  
Through the black mist  
The monster looms foul

Reeking with gore  
Athirst for the next  
A slaving mammoth,  
Shaking shaggy shoulders

Now strikes fate's hour  
Drooling, the Beast  
To gorge on his flesh,  
And drink his heart's blood

However:<sup>7)</sup>

## VI

Hel's kingdom below  
Not unheeded the warning  
Swift the dread goddess,  
Summons her hordes

Up from hell's gate  
His mighty chops  
Up slithers Nidhogg,  
And leading the pack

Woe to the Beast!  
Garm pounces twice  
Nidhogg twines round  
Fenrir's fangs gleam

The troll is thus weakened  
Heaving his war-ax  
Three hungry mouths  
Then sated at last

Not a morsel remains  
No corpse from this fighting  
Torleif binds up his wounds  
Of the Beast there is left

to the Swedish harbor.  
and the bold berserker,  
to do its utmost,  
in its fetid den.

of a human Norseman,  
under matted grizzle,  
on the banks of the Göta  
at the mouth of its lair.

from the guest last eaten,  
ere the first is finished,  
mindlessly mouthing,  
it shambles forth.

for the hapless hero:  
drags him down in darkness  
gulp bones and marrow,  
in a deadly draught.

hears kraken and dragon,  
in Niflheim's fastness.  
daughter of Loki,  
and sends them to war.

Garm rushes to battle,  
are muzzled no longer;  
seething with venom;  
leaps the Fenris Wolf.

Baying a death-knell,  
and its trunk is armless;  
and two legs are severed;  
and the grim head rolls.

and Torleif leaps forward,  
he hacks it to gobbets.  
make short work of the monster,  
sink again into hell.

when the meal is ended;  
will clutter a barrow.  
by the blood-reddened Göta;  
but a lingering smell.

## VII

Far to the west,  
A glad cry rings out  
"Return in glory  
To a conqueror's prize

filling Happy Valley,  
calling back the berserker,  
to Gammelgaarden,  
and a conqueror's crown!"

## NOTES

- (1) O.N. Thorleifr.
- (2) It is interesting to observe the empathic participation in T.'s vicissitudes recurrently shown by animals, birds, fish, and theromorpha, recalling the refrain of the earlier Völuspá:
- "Geyr nu Garmr mjök      fyr Gnipahelli  
Festr mun slitna      ok freki rinna."
- (3) This passage appears not only to echo the bright morning of the Norse gods as described in the Saemundar Edda but also to carry a hint of "redeunt Saturnia regna." Virgil was of course well known (cf. footnote 6) to North European scholars of the early Middle Ages. (See also H.-J. Fr. Th. Herbstfink, Ecghwit and Ecgjolk, eine vergleichende Gegenüberstellung frühmittelalterlicher Heldengedichten als lateinischer Widerhall, Stuttgart, 1837.)
- (4) It is conceivable that this passage refers rather to a physical state of the subject than to a human or animal opponent, but the ambiguity of the treatment precludes definitive interpretation.
- (5) There is evidence that the author of T. was familiar not only with the Beowulf of the Thorkelin transcription but also with more obscure O.E. works on the curious customs of the day, and had undoubtedly lived for some time in England. However, the theory advanced by Herbstfink (op. cit.) that the author of B. and the author of T. were one and the same is almost certainly in error.
- (6) The invocation to the muses is so rare in O.N. epic poetry as to be practically nonexistent outside the present passage. But here, in the attempt to pitch his language higher in preparation for the climactic scene of the poem, the writer invokes the aid not only of Clio and Urania but of the pater dulcissimus to whom he clings despite formidable geographical and temporal barriers. Suddenly, under grey northern skies, with the thunder of grey northern seas in our ears, we hear the true canorous surge of the Mediterranean.
- (7) We approach the dénouement. So as not to hinder its rapid movement, we include no more footnotes but leave the reader to savor for himself the gamy piquancy of the final stanzas.

This trophy will be presented to the NRAORA basketball champs immediately after the final playoff. Mr. Marvin Wimer is now preparing the two plates that will attach to the trophy.

The bottom plate will bear the following:

NRAORA BASKETBALL CHAMPIONS

1964-1965

The top plate will be made up and attached to the trophy bearing the names of the coach of all team members.

This trophy will be displayed at a selected point selected by the board of NRAORA.

The top plate will be removed at the end of 1965-1966 and placed on a plaque, or if the board selects to purchase a trophy next season, this one can stay complete as is.



#### BASKETBALL by Michael T. Waslo.

Since the NRAORA basketball season will end with the final play-off on the 8th of April, I use this issue of the Observer to convey my thanks to many who helped in some form or matter in making this 64-65 basketball season a success. The job of basketball commissioner is no picnic I assure you, but with the help rendered me by many individuals caused me to enjoy this position, and enlightened my load considerably. Without this type of wonderful help, I assure you there would be no NRAORA basketball season.

To each member of the BLUE, GREEN, YELLOW, & RED teams and their coaches, these individuals devoted much time and effort to enable you to meet your opposition on the court of battle. They listened to your complaints with interest, gave you a logical explanation, or if your problem was great enough, they obtained answers from proper sources. I know each team member and coach will wash their dislikes or distaste down the drain with that final shower on the 8th of April, and look forward to another good season in 65-66.

The four colorful (each one in some way or another) coaches who took the job of coaching after I broke their arms, certainly did a magnificent performance at this position. They taught or instructed their men to make five yards per carry with the ball, they taught their men to gouge out any eye that looked ripe for plucking. They just did a big bang up job. Coaches, Jamie Sheets, Glen Grandon, Herb Hanes, and let's see, I believe there was another or was he a player. No, he was a coach even though he spend more time on the floor - Gene Crist. You coaches are commended for a job well done.



The men on the court with the ball players were there for the sole purpose of enabling each ball handler to make his five yards per try or to assist them in meeting their opposition or foe. They were selected by me for their knowledge of the game, their ability to handle decisions on the floor, their desire to help each team member with proper rules and regulations. They controlled the games, called infractions as they saw them without any partiality what so ever. Being a referee myself, I know what these referees had to endure during the two games each Thursday evening for 15 evenings. They certainly earned their five bucks the hard way, I assure you. To referees Ronnie Ratliff, Bill Chestnut, and Coach June Riley my sincere thanks.

I want to thank Mrs. Glen Grandon who sat in the drafty doorway each ballgame collecting admission fees. Someone had to handle the loot, and Mrs. Grandon still shows off the bruises I put on her arm trying to break it in compelling her to take the job. I thank Carl Davis who assisted me in so many ways. Mr. Davis devoted much time and effort in making this basketball season a success. Please Carl, convey my thanks to the two Cass boys, Mike Kane and Paul Grandon who helped you on the fine job of scrubbing down the basketball court. I want to thank the official time keeper Orville Taylor and Larry Taylor for keeping the score board. We of the NRAORA express our thanks to Mr. Ruckman, principal of the Cass School for his fine contribution in making this basketball season a success. No hard feelings to some individuals I may have overlooked. In case I have, I convey my thanks.

P. S. The plans for the basketball party are now in motion, dates, etc. will be announced. I have obtained Dick Bird's experiences in promoting last years' party. Any assistance or suggestions concerning this party should be passed on to me or NRAORA President, Bob Vance.

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#### INFORMATION ON THE BEAUTIFUL GIFT

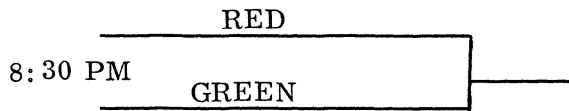
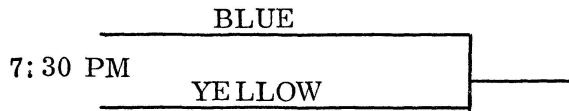
Attend the remaining basketball games, and receive a ticket stub which may be the lucky one in winning the ELECTRIC KNIVES. The drawing for this beautiful gift will be held prior to the playoff game, 8:30 PM Thursday, April 8th.

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PLAYOFF INFORMATION

Tuesday, April 6, 1965

Thursday, April 8, 1965



Referees - Ronnie Ratliff  
Bill Chestnut

Official Scorer - M. T. Waslo

Official Time Keeper - Orville Taylor

24 second time keeper and score board - Larry Taylor

Admissions - Mrs. Glen Grandon

Let's have a full house during the playoffs. Bring your neighbor, your land lord, and even your morgage holder.

driving over 28 and 33 - just ask Dunkle and Lambert if you think it wasn't. Howard claims that he put his car through most of the curves of North Fork Mountain sideways. He passed two vehicles which were stalled - the first one using the SRC snow plow with no chains on and no cinders. He had a similar previous experience this winter - in January. On that occasion he came upon a car stalled on the right of the road and the SRC snow plow stalled on the left and blocking all traffic. Again, no chains on and no cinders. Oh well, spring will be here by mid-June.

Mr. Greenwood who expects to leave the Observatory before another winter sets in has been back and forth between Green Bank and his Maryland home a couple of times this winter - getting things ready for his return to Maryland where he will have cold beer, fishing, cold beer, fishing, etc., etc., etc. Good luck good friend upon your departure. You'll be missed more, and by more people than any other person, we feel, who has been at the Observatory in a long long time.

John Ralston, poor fellow, is having troubles. He bought a four door with safety locks on the rear doors. They are safe - get them shut and locked and you can't get them open. He couldn't have asked for a safer deal - right John?

Howard Brown recently bought a new car, Volvo we think. Shortly after he bought it someone told him a story which we don't think he liked too well something about crossing a Comet and a Volvo and coming up with something called a Vomit with funny sounding horn. What a story - don't like it too well ourselves.

Watch the GTO's. With the tiger paw tires and a tiger under the hood and a tiger in the tank and that stuff - there's going to be a lot of pavement clawed up in W. Va. We recently saw a take-off on a TV commercial about a tiger in the tank. He got out and tore all the clothing off the driver - so watch it.

Recently overheard was a conversation between two boys - a seven year old and a six year old - who were helping their dad do some farm work. The seven year old "wants to be a farmer when he grows up and do a man's work". The six year old "wants to work at Green Bank when he grows up". Do they need a man over there now, Dad? This little story - which is true - further points up the fact to us parents that children might be thinking more than we give them credit for. Just listen to their conversation a little more. We think you will agree.

Incidentally, the editor reviews these articles for the Observer - so, if you see something you don't agree with, write your complaints to the editor. That's the way they do it in all the big papers.

If you feel you can write something better - then do it. This will keep the Observer going. If you can't write anything better, then write something as good. It all goes in the paper. Good news and bad news makes the paper so keep it going.

-----  
300-ft TELESCOPE

At present the telescope is operating with three NRAO continuum receivers, two at 1415 Mhz, and one at 750 Mhz. A number of astronomers are observing and the programs are as varied as individual reactions at a Chinese fire drill. Listed below are the astronomers and their respective programs.

Swenson - M-31 - the famous Andromeda Nebula

Kassim - planetary nebulas

Mezger - Milky Way and Rosette Nebula

DeJong - galazies NGC catalogue

Palmer - Mars and Uranus

Wendker - Cygnus Complex

Ellis - arm of the galaxie - spur

.....continued on next page.....

85-ft TELESCOPE

Twin telescopes once again track the skies. Our interferometer is back in action, after undergoing extensive remodeling.

The whole unit is more compact and operational procedure improved 98.6 per cent. There's plenty of room in the trailer now for at least eight or ten guys, a nice writing surface, a convenient shelf for storage of logs, equipment, chart paper, novels, and "Playboy". All the operators are pleased and looking forward to millions of observed fringes.

Social news is at a minimum at the 85's. Spirits have slowly declined with the passing of the hunting season and winter, but lately eyes are brightening with each day of sunshine and conversation is rapidly turning to discussions of rods, reels, lakes, streams, and visions of lunker bass and enraged rainbow. Webb expects a bonanza fish catch this season, as he claims he has discovered the fish are sensitive to the scent of man. The trick is he says, is to sterilize all your lures, wear all sorts of protective covering, rubber boots, suits, etc. and at all times rubber gloves. He guarantees a larger catch. Might be worth a trial. Me, I never go unless the sign of the Zodiac is just right.

Our congenial supervisor Lenny Howell certainly is wearing a wonderful smile these days and no wonder. He and Lyla are the proud parents of a wonderful new baby BOY born March 5th. Congratulations!

We're happy to welcome to operations Tony Distasio, Reading Pa., Bob Wenzel, Charleston, W. Va., and Walter Sawyer, Cowen, W. Va.

All personnel at 85's wish to extend congratulations and appreciation to Peter B. Good for the fine work he has accomplished as editor of the Observer.

140-ft TELESCOPE

Completion of various items of work at the 140' is continuing. Priority has been given work at this site and rapid progress has been made on several jobs.

Peter Good completed his trip to New York where final touches are being put on the 140' film. B & O Film Specialists now have the film in their laboratory for completion. It is expected to arrive at the Observatory within a few days. Pete spent a part of his time at Brookhaven where he may be assigned to do a film for them.

By the way Pete, STOP on a sign at an intersection means STOP - not GO.

Dick Grabe, his wife, and daughter Sarah had a good trip to North Carolina. Sarah will enter the University of North Carolina this coming fall. She will be in the Graduate School of social work.

Max and Moo Small have called several times while on their vacation trip - telling us about the good times they are having - which makes us all feel good. Each call just makes us wish we could have made the trip.

Howard Lambert and his family traveled to Washington, D. C. on the weekend of February 26th, visited a few sights and had a good time in general. His three year old daughter insists that she saw President Johnson and that he gave her a penny for candy. Her daddy pays more taxes than that. Where's the rest of it? She didn't see the President - must mean her uncle Jerry.

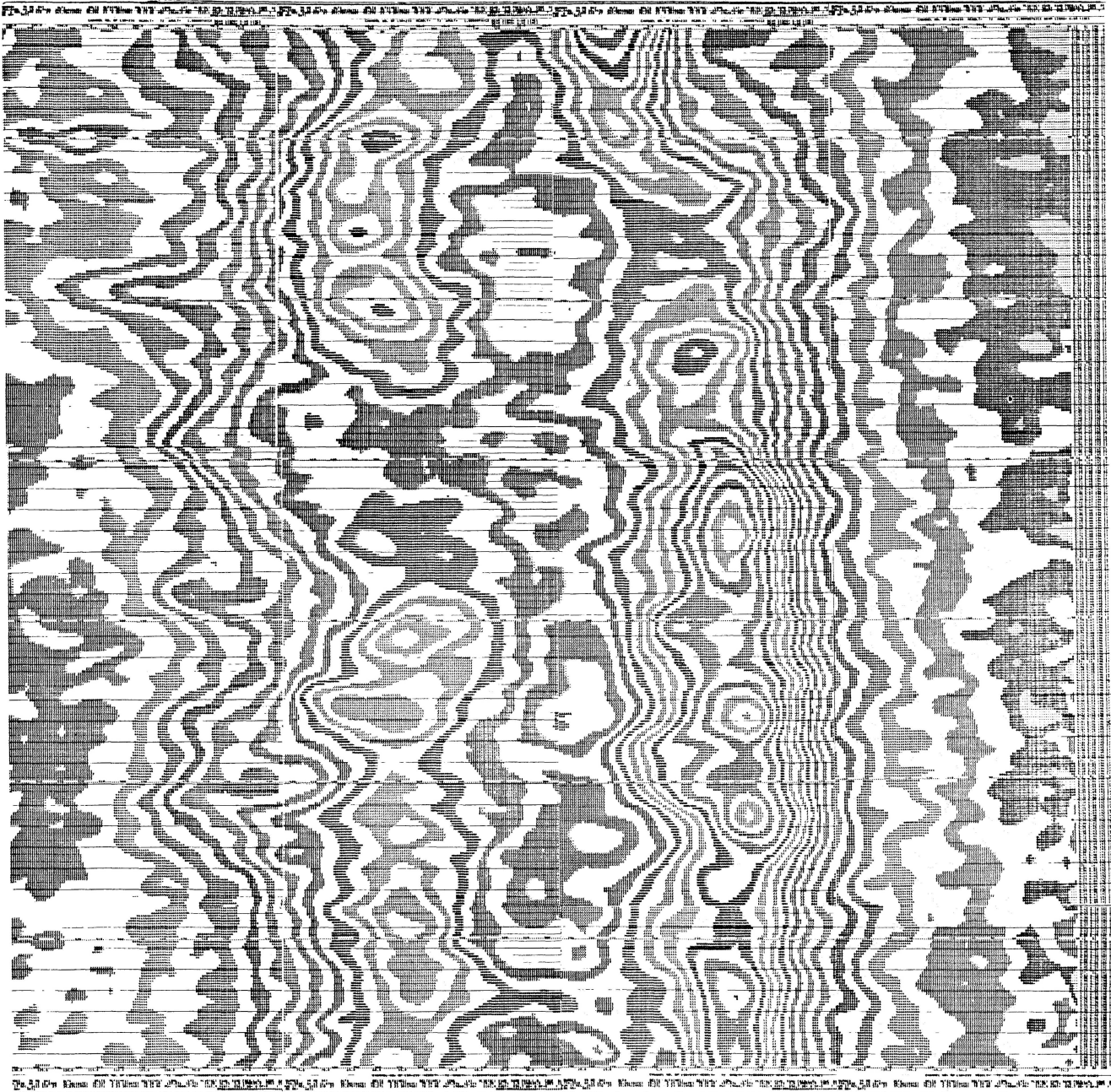
We understand that the jet engine was used officially for the first time on the night of March 17th. Some comment has been overheard about its waking people about 3:00 AM.

Have you taken your winter treads off your car? If you have you might have pushed the season just a bit. March 17th was one of the worst for

..... continued on next page.....



.....BY CARL HEILES



The above picture represents data obtained with the 300-ft and the autocorrelation receiver during December, 1964. It depicts the intensity of radiation in the 21-cm hydrogen line as a function of both frequency and right ascension. The intensity of the radiation is expressed by the numbers and letters in the map; beginning at the right hand side of the map with a small number, the intensity increases toward the center as is represented by the increasing numbers and, eventually, letters which increase in the order of the alphabet. The frequency of the radiation increases from right to left

..... continued on next page.....

and, since frequency and velocity are related, the gas emitting radiation on the right of the map is moving away from us while that on the left is coming towards us. This map was constructed from the data obtained during one drift scan with the telescope; declination remains constant and right ascension increases downward.

At various points on the map there are seen many features, among which are closed circles. These are regions in space and velocity at which the hydrogen is emitting more radiation than at the surroundings. Since the strength of the radiation increases as the amount of hydrogen increases there is more hydrogen per cubic inch in these regions. The excess hydrogen in one of these regions has a certain velocity and is located at a certain position in space and, therefore, represents a discrete clump or "cloud" of moving hydrogen gas. A similar map constructed for clouds in the terrestrial sky might look quite similar.

By combining the information in these maps with that at neighboring declinations, a complete picture of the small scale distribution of neutral hydrogen over a small strip of sky will be obtained.

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### AMBULANCE REPORT

Listed are the number of ambulance runs made to Marlinton, Elkins, Morgantown, Clarksburg, Beckley, Ronceverte, Charleston, W. Va. and Staunton, Virginia hospitals.

#### NRAO Employees & Families

Maternity (8), Sickness (10), Strokes (1), Heart Attacks (4), Accidents (9), and Deaths (2).

Total of 34 trips averaging 120 mile per trip.

#### Outside Community Calls & Doctors Requests

Maternity (5), Sickness (17), Strokes (2), Heart Attacks (7), Accidents (18), and Deaths (1).

Total of 50 trips.

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What is your home state motto? Do you know? if you don't you may find the following of some interest. Here are the state mottos:

Alabama	-	We Dare Defend our Rights
Alaska	-	None (no motto yet adopted)
Arizona	-	God Enriches
Arkansas	-	The People Rule
California	-	I Have Found It
Colorado	-	Nothing Without Providence
Connecticut	-	He Who Transplanted Still Sustains
Delaware	-	Liberty and Independence
Florida	-	In God We Trust
Georgia	-	Wisdon, Justice and Moderation
Hawaii	-	The Life of The Land Is Preserved in Righteousness
Idaho	-	It Is Forever
Illinois	-	State Sovereignty, National Union
Indiana	-	The Crossroads of America
Iowa	-	Our Liberties We Prize, Our Rights We Will Maintain
Kansas	-	To The Stars Through Difficulties
Kentucky	-	United We Stand, Divided We Fall
Louisiana	-	Union, Justice and Confidence
Maine	-	I Direct, Or Guide
Maryland	-	Deeds Are Masculine, Words Are Feminine
Massachusetts	-	By The Sword We Seek Peace, But Peace Only Under Liberty
Michigan	-	If You Seek A Pleasant Peninsula, Look About You
Minnesota	-	The Star of The North
Mississippi	-	By Valor and Arms
Missouri	-	The Welfare of The People Shall Be The Supreme Law
Montana	-	Gold and Silver
Nebraska	-	Equality Before the Law
Nevada	-	All For Our Country
New Hampshire	-	Life Free or Die
New Jersey	-	Liberty and Prosperity
New Mexico	-	It Grows As It Goes
New York	-	Ever Upward
North Carolina	-	To Be, Rather Than to Seem
North Dakota	-	Liberty and Union, Now and Forever, One and Inseparable
Ohio	-	With God All Things Are Possible
Oklahoma	-	Labor Conquers All Things
Oregon	-	The Union
Pennsylvania	-	Virtue, Liberty and Independence
Rhode Island	-	Hope
South Carolina	-	While I Breathe, I Hope
South Dakota	-	Under God, The People Rule
Tennessee	-	Agriculture and Commerce
Texas	-	Friendship
Utah	-	Industry
Vermont	-	Freedom and Unity

..... continued on next page.....



- Virginia - Thus Ever To Tyrants
- Washington - Alki (An Indian Word Meaning Bye-and Bye)
- West Virginia - Mountaineers Are Always Free
- Wisconsin - Forward
- Wyoming - Equal Rights

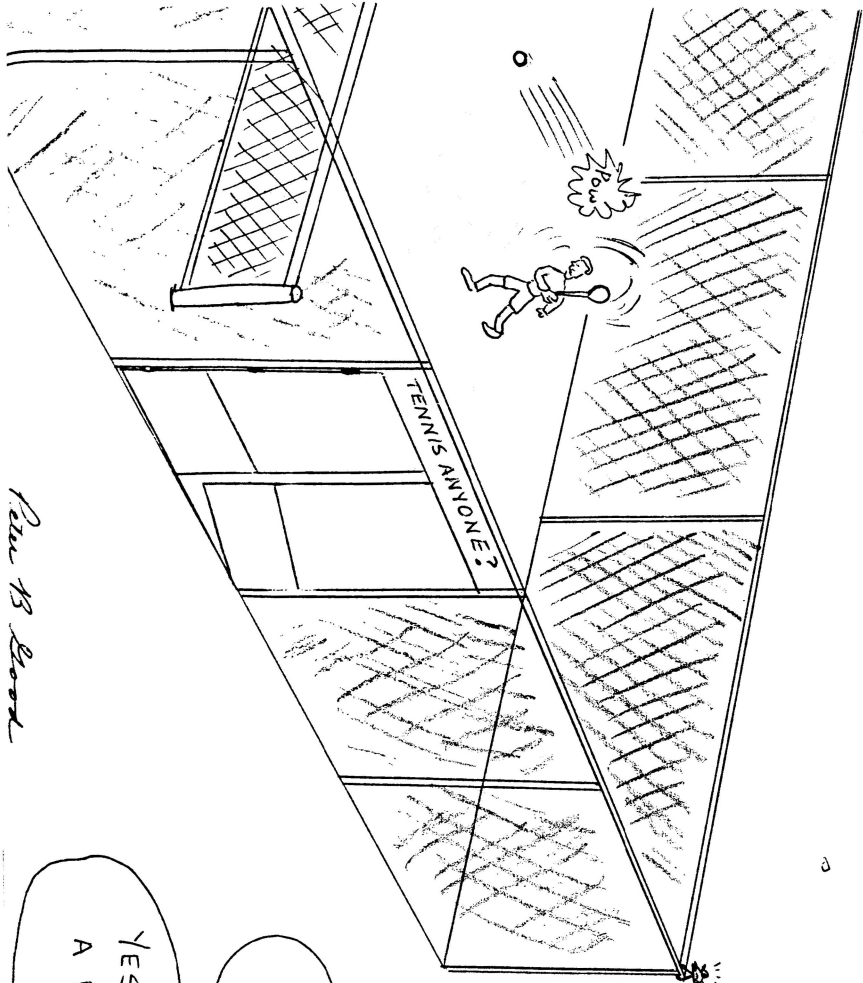


# TRIAL

STARRING  
GLENN FORD  
DOROTHY McGUIRE  
JOHN HODIAK

SPECIAL SHOWING:

April 5<sup>th</sup>

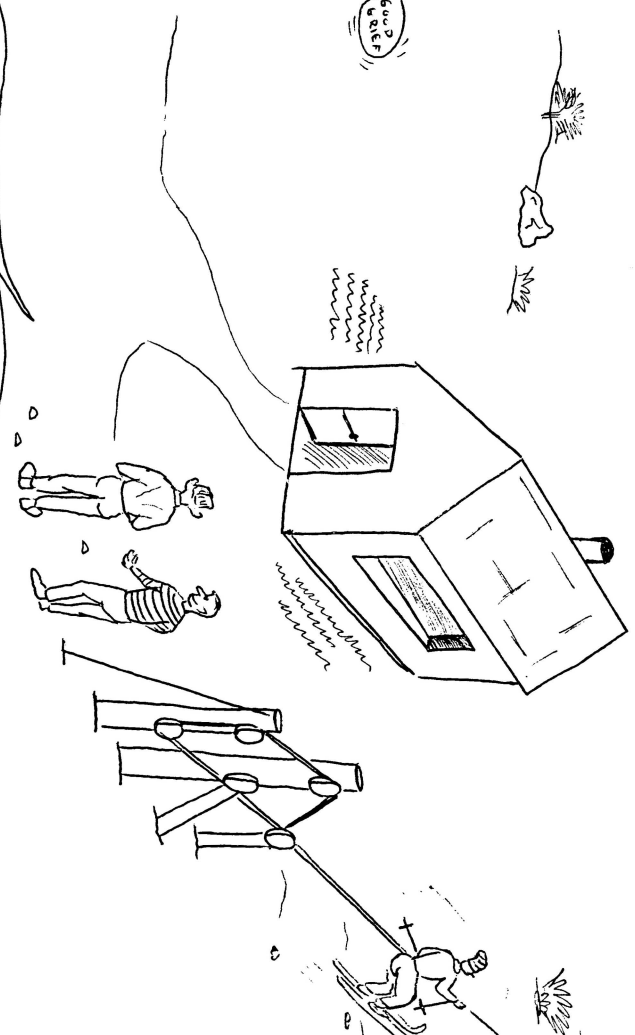


Page 13 Snow



They certainly must love the sport.

YES THEY DO..... ONLY, IT'S A PITY THERE ISN'T ANY SNOW!



# MOVIES

FOR YOUR ENTERTAINMENT!

April 5<sup>th</sup> . . . . GLENN FORD IN "TRIAL"

April 19<sup>th</sup> . . . . ROBERT MITCHUM IN "HOME FROM THE HILL" ✓

MAY 3<sup>RD</sup> . . . . MICKEY ROONEY IN "THE HUMAN COMEDY"

MAY 17<sup>th</sup> . . . . OLLIVA DeHAVILLAND IN "The SNAKE PIT"

JUNE 7<sup>th</sup> . . . . ACADEMY AWARD DOCUMENTARY:  
"SERENGETI SHALL NOT DIE"

. . . . and you <sup>CAN</sup> also expect to see . . . .

Robert Mitchum . . . . "NIGHT OF THE HUNTER"

WALT DISNEY'S . . . . "WHITE WILDERNESS" ✓

GARY COOPER . . . . "SERGEANT YORK"

FROM ENGLAND . . . . "CARRY ON NURSE"

SIDNEY POTTIER . . . . "RAISIN IN THE SUN"

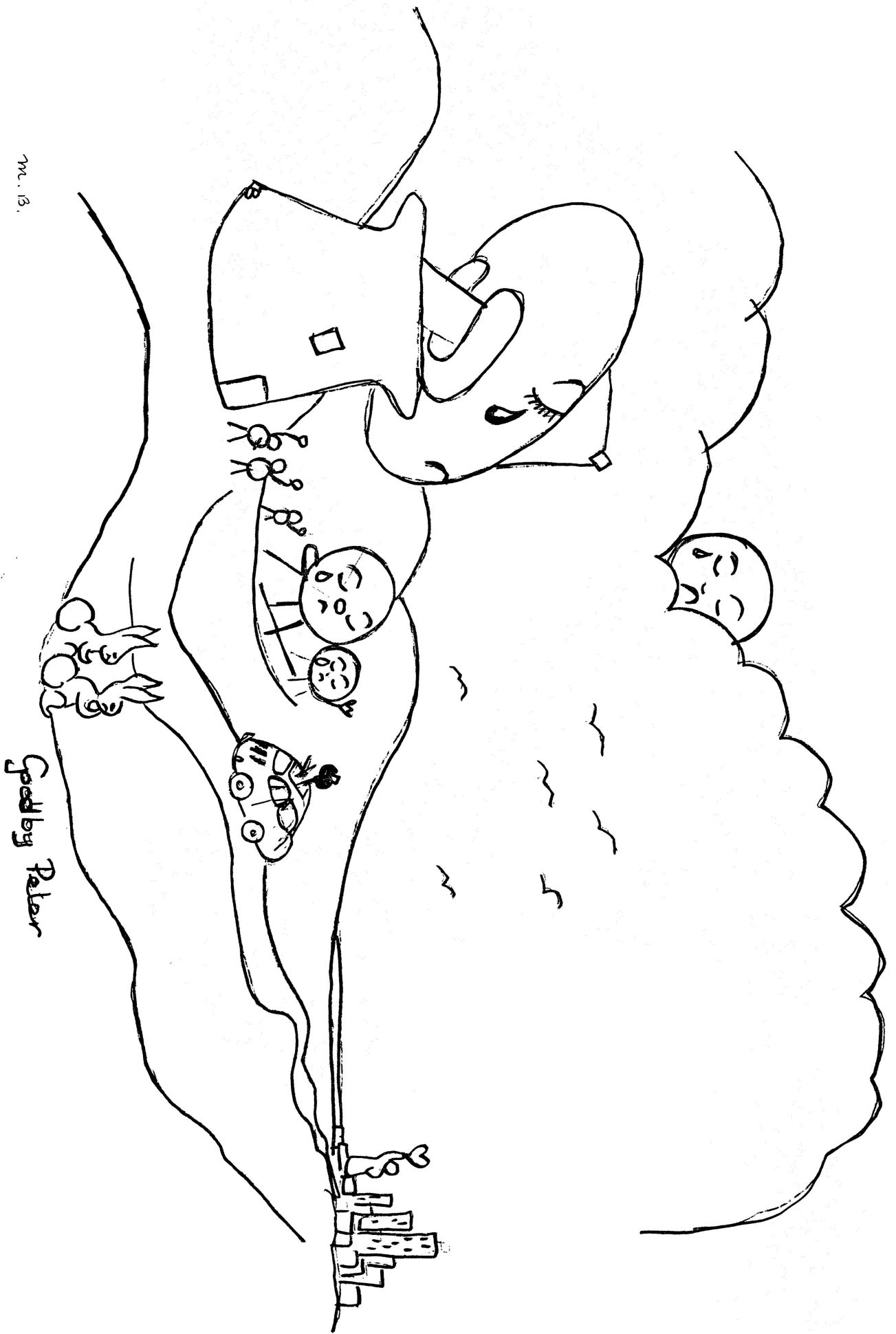
. . . . . SO, COME ON,

BRING THE FAMILY and have

. . . . . FUN!



maija Baars



m. 13.

Goodby Peter