

Visitors

Hisher, Walsh - variables, Jupiter observations
 Hisher, Walsh cut grass - new mower
 works fine since it was fixed
 Dr G. Wagner donated nine (1)
 Astro Mural and two volumes of
 A mature Telescope making to the
 Observatory



NO! FRIEND

July 2, Walsh - Hisher Out 8:30 AM EDT

July 3-4 Doug Bash, Tom McFarland 9:00 to 2:40 AM

July 3-4 Henry E. Lelo 9:20 PM to 2:10 AM

July 3-4 Steven Yakish 9:20 PM to 2:10 AM

Walsh - Kaminski 7:30 - 6:00 AM

Tom Ouspowski in 8:00

finished cutting lawn

July 4/5 7:30 Ralph Brechlin

Georg M. Kuesteneyer & Georg Jr. 9:30 -

8:00 Tom McFarland out 11:00

Wend 11 PM - 1:20 AM OCCULTATION

Walsh, Kaminski Remained 7:30 - 4:15

OCCULTATION, Variables

Walsh (2-2-10-15)

Kaminski (11-11-40-390-6)

Observed Mars Out 4:15

July 6 Henry E. Lelo 9:35 AM to 11:25

CT & Dennis matches 9:35 PM to 11:25

July 6-7 Jim Lund 2:30 AM to 4:00 AM

Lunar & planetary observations
 plus some photography of same.

Found observatory unlocked.

July 7-8 Dale Brechlin + friend in 11:15 P.M.

out 11:55 P.M. SHOWED FRIEND

PLANETS MOON. CAME AT LAST MINUTE

July 8-9

R. James & F. Wilford 7:30 PM - 9:45
Ball (10-27-79-2559) 9:15 - 11:45

BRECHLIN in 9:35 PM. out 11:45 PM

MCFARLAND in 9:35 PM. out 2:30 A.M.

Jupiter's moons were unique at 11:00 → ☉ . :

Walsh (7-9-17-23-1) in 9:15 PM. out 9:15 AM

Variables, Jupiter & Saturn work with a 6mm Brandon

July 10-11

R. James & F. Wilford 8:15 - 10:50

Tom McFarland 10:15 PM - 2:15 A.M.

tried Photometer, took 33 mm eyepiece (stuck in Photometer head)

Wilford is taking the Spitz Planets (Haleburn out)

Rather hazy sky.
swept floor and got fresh water

July 11-12

Walsh - Kaminski in 7:26

McFarland 8:15 P.M. - 10:30 P.M.

Don Ranick 8:20 AM

BRECHLIN in 8:30 out 9:51

Ralf Kontowicz 8:55

Ben Macch 7:50 - 10:15

Walsh, Kaminski 8:00 - 11:30

Walsh & Kaminski remained Lunar drawing
partly cloudy to cloudy. out 3:30

(12" dome unlocked)

July 14-15

R. James & F. Wilford 8:25 - 11:15

J. Zimicki 8:00 - 11:00 Lunar & planetary & meteor observation

Tom McFarland 10:00 PM - 1:15 A.M.

Jim Lund 1:15 AM - 4:45 AM

J. Z. observed Mars to meridian. Detail starting to show.

Friday July 15-16

Ball 9:10 - 12:00 (17-44-96-2584)

Walsh 9:10 PM - 11:30 AM (4-13-21-26-1)

Barry & L. S. 9:25 PM to 2:25 AM

Zorgott, Kuetemeyer Sr. & Jr. 10:10 PM to 12:10

Donald Haaya 9:10 PM - 11:30 AM

J. H. LEE SR. + J. H. LEE SR. Jr. 9:10

July 15-16 Tom McFarland 8:30 PM. - 2:30 AM.
Walsh-Miller-Haaga & visitor out 11:30 AM
Someone locked 10" shed with ladder still out
ladder in darkroom -

Large AURORA - 9:30 - 1:00 CDT rays, flames,
curtains, etc. all -

July 16-17 Tom McFarland 11:00 PM - 3:00 AM
clouds were just clearing when I came
Some haze scattered thru mts, but
got down to 14.7 once, so no
Weak Aurora around Midnight
Jim Zupit 1:00 AM - 4:30

July 17-18 Tom McFarland 8:30 - 2:30 AM.
12" dome was open

Walsh in 8:30 (7-20-28-33-1) out 12:30

Jerome & family 9:35 In Out 10:00

Mark & Suzka 9:35 am

Walsh McFarland remained after visitors -

↓ observed 3 variables with German Binoculars

False
Alarm

→ Attention Variable Star Observers

RU Herculis observed by both McFarland

and Walsh to be 6.9, 1 mag. brighter

designation
154428

predicted maximum of 7.9 This was formerly

considered a regular with a period of 478 days

We are putting the RU Herc. chart in the

irregulars' stack Perhaps special attention

but

would be appreciated by AAVSO

J. Walsh

Moderate Aurora

Note: My estimation of 6.9 was made using only
comparison stars of 8.4 and 9.4 because it was
suspected the 7.2 nearby was not correct mag.
However, the RU Herc was about the right amt.
above the 7.2 if the latter was correct.
Tom McFarland

1960

95

- July 19-20 E Hattuk 9:45 - 11:30
Tom M Farland 10:30 - 11:30
- July 20-21 R. James + F. Wilford 7:30 - 10:10
- July 20-21 Henry C. Lalo 9:50 PM to 11:50 PM
Tom M Farland 10:30 P.M. - 1:15 A.M.
Began clouding over at 11 P.M. & got worse & worse
- July 20 C. Matchey, J. Matchey + D. Stone 9:30 - 11:00
- July 21 Henry C. Lalo 10:30 PM. to 2:45
J. X in 2:00 - 4:30
- July 21-22 Tom M Farland 10:00 P.M. - 2:45 A.M.
- July 22-23 Tom M. Farland 10:00 PM - 3:15 AM
Long Beach " "
Was just clouding over upon arriving, but cleared nicely in about an hour. Meanwhile, we got fresh water + swept office floor.
Had trouble closing dome. It catches on something and sticks.
- July 23-24 Ozykowski, Walsh in 9:10 CDST
- July 23-24 Henry C. Lalo 9:25 PM to
Charles D. Buffin in with Jon Sondow
Note information on Nova 1760 Chart,
1) location of variable just north
of 176" comparison
2) New official HAVSO Mags of
comparison stars "76", "89", "91"
Tom M Farland 10:45 P.M. - 2:30 A.M.
Tom Ozykowski - Jupiter Transits
Walsh in 9:10 CDST (9-29-37-42-1) out 2:30 AM CDST
- July 24-25 John Ries Arrived 9:00
opened building. J. Lund argued
and assumed responsibility of clearing
up. Out 10:00
Long Beach in 9:45 - 12:45
Tom M Farland " "
- July 24-25 Henry C. Lalo 10:30 PM. to 12:45 AM

July 24-25 Thin haze began about Midnite
so were leaving

July 24-25 03:30 to 04:00

Ranther picked up one of the old Moonwatch
scopes to show the prospective Buyers.

July 24-25 Jim Lund & Chuck
Elgas 9:30 - 5:00. Planetary
photography. Thin haze at midnight
cleared by 1:30.

July 26-27 Doug Bosh } 12:30 A.M. -
Tom McFarland } 4:20 "

Meters quite frequent. Second hand
on clock is faulty.

July 27 Henry C. & slo 9:35 to 11:00
Nagle 9:30 to 10:00
Dennis & Earl Mattheus 9:15 to 11:00

July 28-29 R James, F. Wilford, J. Kessler, D. Haaga
9:20 - 11:30
Wilford bought back the Spitz Phantom

July 28-29 Henry C. & slo 9:30 to 2:20
Donald Haaga 9:30 -
Tom McFarland 10:30 PM - 2:30 A.M.
17 variables

Higginbotham & Halbach 1:45 - 4:00
Observed - 1959 Eta (11 mag. in 13)

July 29-30 As we arrived, thunder storm was
not over to night and

Tom McFarland 12:00 Midnib.
 J. Walsh 12:00 Midnib. - 11:00
 (1-30-38-43-1) → cut 1/2 of grass
 Poor cooperation from weather-man

JULY 30-31 OSTROWSKI, JERGENS 9:00 PM - 12:20 AM
 Tom McFarland 10:00 P.M. - 2:30 A.M.
 JUPITER PHOTOS + TRANSITS

4 variables (unfamiliar & faint ones)
 also tried Satellite 1959 η but did
 not see it. Clouds were intermittent

JULY 31 1960 Jim Lund & Chuck Elgas
 1:30 - 5:00

July 31, 1960 W. Kaminishi 6:30 - 4:15 (4-15-44-394-1)

July 31 again Henry C. Islo 9:05 to 2:30

Doug Bash 9:05 to 3:00 A.M.

Tom McFarland 9:00 P.M. - 3:00 A.M.

July 31-1 James Lund + Chuck Elgas 2:15 Lunar Photos
 Planetary - OUT-0415

Walter Kaminishi, Doug Bash, Henry Islo,
 and Tom McFarland got 1959 η tonight

Hallack - 1959 η second pass
 3:56

Out 9:15 East

Aug 1-2 McFarland, Bash in 8:00 P.M. - 10:55

Pantheon 10:30 P.M. in 8:00 out 10:00

Walsh 8:00 - 10:55 (1-1-39-44-1)

cut grass until dark

Beechler in 8:00 out 10:05
 Rayd + Chuck Beechler 7:45 - 10:30

Tom Ostrowski

Aug. 4-5 J. Kuminishi in 8:00 pm out at 5:30 am NEG

Aug 4-5 Tom McFarland 9:15 P.M. - 12:30 A.M.
C. Mather 8:30 - 10:00, Party of 10.

Fri Aug 5-6 Halbach & 4 visitors. Clouds
9-10:30 P.M.

Sat. Aug 6-7 RA Jamps 1:15 PM - 2:00 PM
returned tape recorder;
Halbach - Highsmith 9:30 - 11:30 PM
Added mtegs to 13 scope for 2 apogee scans
Swept floors in dome bldg.

Sun Aug 7-8 Bosh, McFarland, Haseya 8:56 - 1:15

Aug. 7-8 Henry C. L. slo 9:30 to 12:15
Aug. 7-8 Donald Haseya 9:30 to 1:45
11 Jim Lund 10:30 to 1:45

Aug 8-9 Kaminski - Walsh - 8:40 - out 2:00
McFarland 9:45 P.M. - 9:55 P.M.
14 Visitors at 8:40 and 2 at 11:30.
cloudy turning to moderate rain.
temp 64° - wet

Aug 9-10 Ed Halbach and Rob Walk 8:00
Brought the following books: American Ephemeris
and Nautical Almanacs for 1944, 1946, 1947, 1948,
1949, 1950, 1951; Sky-volumes 1 to 5; Sky and
Telescope-volumes 1 to 12; Sky and Telescope (London
for Vol 13, nr. 4 to 6, Vol 14, nr. 8, 9, 11, 12, Vol 15, nr.
1 to 12, Vol 16, nr. 1 to 3; Splendors of the Sky; Signals
from the stars; a small brown record book; Contributions
from the Mount Wilson Observatory; Photo-Electric
Studies; Astrophysical Journal binders starting with Vol. 2,
nr. 3; Vol. LXVIII, nr. 1, and Vol. LXVIII, nr. 4; Publications
of Washburn Observatory Volume XV parts 1-2, 3, and 5;
American Nautical Almanac of 1944; Astrophysical Journals
of Vol. LXIX, nr. 4 and Vol 82, nr. 5; A Determination of the

sorted by
Henry C. L. slo

the transit of Venus; and two books of
Laws Observatory.

Out at 10:30 PM. Cloudy & Rain

AUG 10-11 Ozykowski (8:15 PM - 1:30)
Wend 10:00 PM - 12:30 AM

August 10-11 Henry C. S. slo 9:55 to 12:15

" Bash, Mr. Farland 10:00 to 1:45

in Persado's paper, about 10 per hour

AUG 10-11 Time Luna 8:30 PM - 3:00 AM

Aug 12-13 John Rier in 7:45 out 10:30

Thurs Jerome Wolke in 9:00 - (4-5-43-48-1)

Ball 9:00 - 12:00 (13-13-109-2597)

F. Wilford 9:00 - 12:00

Tom M. Farland: 10-12 P.M.

Mark Knepper 9:07

Aug 12-13 1960 Echo 2.

Henry C. S. slo 9:30 PM to 8:10 AM

Ronithon Moon watch 10:30 p.m.

E. Halbad

Highman In 7:50 P.M. out 8:30 A.M.

Osham

Burden In 7:50 P.M. at 8:30 A.M.

H. Bassa sun. 120 observations.

Aug 13-14 R. James 9:00 - 5:00

F. Wilford 9:00 - 5:00

J. Wolke

E. Halbad

Wm. Albrecht

R. Rink

9:00 - 4:30 PM

worked on 12" dome

etc.

Aug 13

Aug 13

Henry C. S. slo 9:15 to 10:30

Halbad, Albrecht, Wend, and
staff tracked balloon satellite
at 10:35 to 10:45. out 11:45

Aug 14-15

Henry C. S. slo 7:30 - 12:00

Bash, Mr. Farland 10:00 - 2:45

Z. and W. Runk 10:00 - 12:00

Ozykowski 8:30 - 2:30

Balloon satellite passes

at 8:30 P.M.

Aug 15/16 Monday open house

Kaminski - Walsh - 8:00

McFarland - 8:15 - 1:26:25 A.M.

Observed balloon satellite

→ Brecklin, Kaminski, Kaminski, Hishmuth,
Darlene Hishmuth out 11:30
Kaminski 8:30 out 11:30

Ries in 8:30 3 observations of Echo (iota) I
out 11:30

1 McFarland, Walsh + Kaminski remained.

McFarland did variables. - out 1:26

Walsh did variables (1-12-50-55-1)

Kaminski - 3 passes of 1960 iota I (echo) and 1 of out
(1959 iota I) also lunar photographs 5:00
(cloudy in N.) 3rd pass clouded out and
clouds a heavy fog

balloon theodolite in safe!

Aug. 16-17 Doug Bash, Jerome Webb,

Tom McFarland, in 9:05 P.M. - 2:00

Aug 16-17 Harry C. & slo 9:20 to 12:55

Bush + McFarland - two observations of
Echo II on 1st pass - 13^h

(1-13-51-56-1)

two observations 3rd pass - 13^h

Walsh - 3 obs. of Echo on 1st pass - theodolite
2 obs. of Echo on 2nd pass

Heavy auroral activity, clouded over
at 11:00. Further echo observations
impossible.

Aug 17-18 Oryzopsis Ward
one balloon transit

10:00 PM - 10:14

Tom McFarland - 10:15 P.M. - 3:45 A.M.

Aug 18-19

R James; F. Wilford

Tom McFarland 12:30 A.M. - 2:30

7:30; 9:20

a few variables, memorized some more constellations.

Aug 21-21

Bill Kory

12:30 → 3:45

Sky 9/10 cloud cover at 12:55 & 3:05 Echo not seen.

Lens cover on theodolite was jammed on an cocked, also must to have been put on wet because there was white corrosion between cover and telescope housing; also theodolite was screwed to transporting base so tight that mechanical help was needed to get it loose — I know that I'm getting old, but I hope I not so old and weak that I can't even set up the theodolite. Incidentally, the take-up reel on tape recorder is not working, belt has probably slipped off.

Aug 22
Sun.

Ben March, Beverly drove on satellite shed. very wet inside. Best to have doors snug, slam shut (not too hard) and be sure the bottoms are in too. 2:50 to 3:40 P.m.

Booth M. Farland 7:30 to 2:15

Long spent at high latitudes. 1 pair of Echo observed. New batteries bought for theodolite. Early pass was missed because they failed. Basket for R.A. light removed. Light was not working because of poor soldering job. Basket is in lower mid.

Aug 21-22 Steve Yorkish 10:00 to 2:15

AUG 22 J. HESHER ESQ. — 7:50 — 6:00 AM
 Alan Dooly 7:50 P.M. (8-22-60) 6:00 AM. (8-23-60)

Ries in 8:15 out 10:00

Ball: 8:15 — 10:10 Borrowed projects and one slide.

Richard E. Wend - Walter K. ...

Tom M. Farland

8:30 — 11:15

estimated mag of 1960 is, clearly.

Corra Zentgraf

AUG 23 J.F. Daubing - Prosky Church
 Mens Club - 25 attended.
 sky overcast

Aug 24-5 Tom M. Farland 8:00 P.M. — 12:30 A.M.

Something was wrong with the R.A. circle
~~clutch~~ clutch on the 13". The

"locked" position of the clutch
 would not lock. I took the
 cover off and did what I could, but
 I'm afraid it's only temporary as
 the circle seems to be too tight.

I set circle for tonight manually with
 cover off & hope for best.

clouds stayed around for 12:00. pass of 1960.

Aug 25-6 Tom M. Farland, 11:15 P.M. — 2:30 A.M.

8 variables and 2 satellite passes.

Fri Aug 24-7 Ball 8:45 — 11:45 (16-29-125-2613) R.A. Drive Don not Work

Wilford 8:45 — 11:45

Bush 8:45 out 11:45

Henry E. I slo 9:35 to 2:45

Aug 26-27 <sup>→ Pelicopie
meteor near
Orion nebulae</sup>
 Walsh in 8:45 PM - out 4:00 (2-15-53-58-2)
 Highsmith in 10:45 out 2:30
 Recorded 11:05 + 1:10 pass of 1960 IOTA-7
 Halbach 9:30 - 2:30
 Koniq 12:30 - 2:30
 Myddelton 10 - 4:04

Observed 1 pass 1959 ~~Iota~~ Eta
 and 3 passes 1960 Iota 2

Aug 27-28 R. James - 8:45 AM - 4 PM work on 12' 1/3"
 R. Smith

W. Halbach

E. Halbach

Aug 27-28 Wend Craypowski 8:00 - 9:15 pm
 hazy - observed Jupiter

Aug 27-28 Bill Koniq 11:15 → 1:30
 caught 1960 IOTA 1 mag + time

Aug 29-30 Dick Wend Craypowski, Carl + Dennis
 A. B. Ball, Brooklyn, Highsmith. [Matthew
 Tom McFarland 7:30 - 11:00 P.M.
 Kamiński, Walsh - 8:30
 Halbach, James

John Rier in 7:45 out 11:00
 Barbara Highsmith

2 passes of 1960 Iota and one of 1959 Eta
 in 6:45 out 11:00 PM B.V. Highsmith
 Kamiński, Walsh remained Observed Mars.
 1 pass of 1960 Iota I thousands
 fine aurora. Halbach of
 mosquitoes out 4:45 C.D.T.

Aug 30-31 Tom McFarland; 8:30 P.M. - 4:00 A.M.
 KMUSZ In 8:25 pm Out 10:13 pm
 Henry C. Lolo 9:30 PM to 12:15 AM

NOTE TO VARIABLE STAR OBSERVERS;

I finally found out why I could never find the field of the Vauds Pisces Austrine chart: this chart is made either for the southern hemisphere or for non-inverting telescopes. If there are such animals. Hence, turn this chart upside down compared to the other charts.

On looking briefly through the other specials and irregulars, I find one other chart like this, namely 001032.

→ Tom McFarland

Aug 31 Carl + Dennis Matthies In. 8:15 Out 10:45
 Tried 1960 Sota 1. Made error with instr. mount; did not report; - Made temporary repair on 13" - shift coupling for control is loose.

Sept. 1-2 Ranthorn, McFarland 9:20 P.M. - 2:15

Dome was not pointing east, 10" mirror cover was jammed.

Stop watch (E.A.H.'s) was wound much too tightly; missed 1959 Sota 1 because stop watch stopped before I got to WWV.

also got 6 new batteries. Together with 2 I got before, MAS owes me \$1.60

heavy fog moved in about 1:30 - 2:00 AM.

1 satellite ...

(2-17-55-60-2)

Sept 2-3

McFarland - Walsh in 8:40 - 11:30

First person to use 12" long focus
 did long exp. putting it away - minor
 work on (see note for yesterday)
 McFarland is taking No. 1000's
 stop watch

Sept 3-4

Wend, Kaminsky, Oayowski, Jergens 745-10:30
 Jupiter observations

Paul Wynn - McFarland 11:30 - 2:30 A.M.

Sunday Morning Sept 4

Tom McFarland, 7:30 A.M. - 6:30 P.M.

mowed lawn, got fresh
 water, swept all floors
 of main building incl.
 13" dome floor, put
 magazines & periodicals
 in a semblance of order,
 put up a few displays
 of our large photos,
 and generally made
 things ready for Monday
 night.

Everything should be almost
 SPOTLESS.

Sunday Sept. 4th

Dm 10:00 PM

Dennis Matthias and Robert Stenger
 Was cloudy all night but
 cleared up at 3:00 and saw first

30 min. of eclipse. Out 7:00 A.M.

Sep. 5-6, 1960

6:00 p.m. Ramthun, H. W. end, Kaminski

VISITORS NIGHT Bruchto

McFarland, 8:20 P.M. - John Lipovsky
12:15 A.M.

Sept. 6-7 Tom McFarland 10:45 P.M. - 2:30 A.M.

a few variables and a 1960 Jovian
attempt: just got the stuff set up and
she goes into the shadows.

©!!

Sept. 7-8 C.F. + Dennis Matthews On 8:30
Out 9:45

Tom McFarland 10:00 P.M. - 2:30 A.M.

moon still troublesome, but not much haze.

Sept 8-9 R.A. James took 3" EFL eyepiece
to have cross hairs mounted.

6:45 P.M. to 7 P.M.

Fri. Sept 9 Ball (15-15-140-2628) 8:30-11:25

McFarland 8:00-3:00

Bash 8:00-3:00

Walsh 8:00-11:25

Haaya 8:00-11:25

Sept 10/11 W. end 7 P.M. - 11 P.M. - Jupiter transit + variable

McFarland 7:30 P.M. - 1:45 A.M. (16 variables)

J. Kuriaki 8pm - 6:15 a.m.

Ries in 7:45 out 10:15

Halback + Highsmith in 8:00 out 10:15

Sept 12

Visitors Night

Sept 13-14 Halbach - RIES in 7:30 1960 Total
 observed in 2 passes 1960 Beta 2 observed
 in 1 pass. Halbach 5 variables
 Mr Lynch & Daughter (Darlene) assisted
 with satellite observations.
 Out 11.15

Sept 15 Ries Ramoth in 8:10
 Removed all old Moonwatch
 supply bottles
 Observed 1960 Total I
 Had trouble with dome slit All OK now
 Out 10:40 / Ries

Sept 17 Gene Styrnewski with visitors
 Gene White
 Virginia White
 Steven White
 Kathleen White
 Ramoth 7:45 p.m.

Sept 17-18 Ramoth, Wend in 7:45 p.m.
 out 8:45 p.m.
 Bach in 7:45 pm - 3:15
 missed loop 1959 & 1960 + 1. missed
 9 clouds
 11/4 land 9:15 P.M. - 3:15
 missed everything - clouds
 bad

Sept 19 Last visitors night of 1960
 Wend - 7:40 - 8:15
 5 visitors cloudy

Sept 20 Arrived 4:50 PM To observe RIES
 ECLIPSE SCATTERED STRATO-CIRRUS
 clouds AT TIMES. ECLIPSE began A
 1:09 against 409 listed in Miler.

Lunar + Planetary Phenomena for 1960.
Maybe I didn't get the word.

Arrived 6:00 PM Sept 21 to
observe eclipses left 7:19 J. RIES
Eclipsing sunset very beautiful
took some pictures with
35 mm. & closed up + left

7:00 PM J. RIES
Ries in again 7:30 out 10:40
Halbach 7:30 - 11:00 PM. 2 variables.
2 pages of 1960 L1 sketched

Sept. 24 Tom McFarland 3:30 P.M. - 9:45 P.M.

Came in to trace some variable star
charts for use with the 16" refractor
at Madison. Didn't take any.

Brought some more pencils, took some AAVSO report sheets
I will be turning in 16" telescope reports to the M.A.S. soon
Sun Sept. 25 Ball 1:15 - 1:30; borrowed projector and a box of slides.

Ramishu 4:00 p.m. - 5:00 p.m.
sketch 2 members from Green Bay around

Sept 26 Ries in 6:25 observed 1960 TOTAL
at 6:34 - 6:44

George Pessel 1001 Questions Answered
Returned about astronomy
Ries out 10:10

McFarland 8:00 P.M. - 1:45 A.M. 33 variables

Kaminski in 12:10 observed Mars but seeing was
so poor that little could be seen out 1:30

Sept. 27th Albrecht 7:30 - 8:00. 10 visitors
Halbach 7:00 - 10:00

dark but not seen 1958. 3 observers
24 variables Temp 55.

Sept. 27-29 Dave Stone, Dennis & Carl Matthews in 6:30
 Clouds over 15 min before observation; sea-
 simal breaks not adequate for observation.
 Out 8:30

Sept 29-30, 1960

Trish, James, Halbach - 6:00 - 10:30 PM.
Worked on 12" dome.

Fri Sept 30-31 Moonwatch Class
 7:30 Lake V. Highsmith
 Bill & Jerry Mark 10002/CA
 Cies Weyl, Kaminski, Jurgens
 Ball 8:40-11:30 (6-21-146-2634) Raminchi
 Walsh 8:40-11:30 Halbach

Rise out 9:50
 Wilford 8:40-11:30

Mon Oct 3 Kaminski 11:30 - 2:30

Temp 47°, clear

Door knob for back door was off and
 laying on the floor.

Tom M. Farland 12:15 A.M. - 5:30 A.M.

16 variables,

5 of them here,

11 of them on 15.6"
 in Madison

Copied some V.S. charts

Transferred all of the
 oil in tool shed to tank
 leading to oil burner. Mars
 drawing & contrast work.
 Kaminski - out 9:30

Walter must have
 accidentally took the 1" home, or else it was
 stolen. Anyway, I couldn't find it.

Also, I noticed one track (west) of the 10" long f.l. shed
 runners is loose & needs bolting down again

Wed - Oct 5 Dennis & Carl Matthews - in 7:00 out 9:30
 Variable - Two visitors

Bob Wall 7:30 By 11:00 I saw that I needed more
 training so closed up the dome when I don't saw spectacular
 in 1-4-1 till 1:00 when I locked up & left

Thursday Ben Inoué. Stopped in
to look around. 3300th PM
Main switch on, turned it off

10-6-7 RA James 7:00 PM - 9:15:

F. Delford:

Arcus: very bright, Rays, colors
and curtains: took some
Ektachrome Pictures.

10-7 Halbach 7-10 PM

Put drive on 13" in operation
ended on 12" dome. 24 mm

10-7-8 Doug Bash. 10:20 - 1:05 Brandon
Wank also. 10:20 - 1:05 is not here

Moon was very bad, impossible
to do variables. Took some pictures

10-8-9 Dick Wend 6:45 - 11:20 T. Jorgensen
Doug Bash 7:00 - 10:05

Observatory stop watch crystal missing
dial erased in a few places.

Jerome Sprick 5:38^{PM} - 10:20 AM Aldebran + Hyades etc.
1958 NOT SEEN

Bill Zibel took 3 day and Telescopes
also 4x902 aug 1960 March 1960 July 1960
Occultations of Hyades

10-10-60

John Riser in 7:00 out 8:00

John Riser in 7:00 out 10:00 2 var.
1 satellite not observed.

Kaminski by 9:25 out 12:45 Lunar drawings - Amours.
McFarland in 7:30 PM. out 12:00 Midwife (a few variables)

63°

Seeing very poor - scattered clouds
fair amount in North.

Oct 15, 1960

J. Riser in 6:40 Northern sky cloudy Temp 5°
South OK by 7:20 Partly cloudy entire sky
observed Jupiter. Seeing Very Poor. 800 5 star
visible through scattered clouds. No
Night for variables

Oct 15/16 1:30 AM Hal Bach - RIES IN.
 tracked satellite out 5:45 AM
 YAWN

Oct 17-18 RIES PanThur IN 6:30 tracked
 1959 Alpha +. Town by GIRL
 Scouts concluded at 8:10.
 ALSO OBSERVED 2 MICE
 NOT IN ORBIT, but IN LECTURE
 HALL. OUT 8:45.

John Upmeyer in 7:00 out 8:50
 Left-Saint Troop 725
 about 16 members from around
 Juneau High School

Panther, Highsmith 12:55, out 6:00 A.M.
 Wind 2:30 AM - 5:40 AM J Upmeyer
 Hallow 2:00 - 5:45 AM 12:30 - 5:45

1960 Ida 3 passes
 1959 Ida 1 pass
 1959 x 1 1 pass

20 Thurs Ben March, Did some
 Colking. 2:40 - 4:20 P.M.

Oct 20-21 Thurs. R. James - F. Welford
 6:40 to 8:45 worked on
 Library

22 Fri Ben March, Touched up
 Sore door with paint
 11:30 app. 2:45

Oct 21-22 Doug Bosh 6:30 - 7:45
 Bad clouds, forecast red so left
 Doug Bosh 10:20 - 12:50 AM } some variable
 Tom McFarland " - 12:50 AM } etc.
 John Carr " - 12:50 AM }
 Don Hamilton, Breeding, and fore 11:30
 1 pass IOTA I 2:00

Years which doors are painted, & to
 to read & have several paint blocks

Oct 22nd Ben March 9-10:30
Ditto 3:00-4:20 PM, Painting

Oct 23 Sunday
Halbach & Gorsky 1:30-5:00 PM
Worked on dome for 12"

Oct 24 Kaminski - In 11:15 out 1:50

30° very clear.

seeing was pretty good at first but rapidly deteriorated.

drawings and intensity estimates of Mars!

Saw a field mouse in the office. It
ran behind the sink.

Oct 24 1:55^{AM} HALBACH - RAMTHUR RIES
2:5 + KAMINSKI IN • SATELLITES Q
OCT 5:45

Oct 27-28 HALBACH RIES in 6:20

R. James - F. Wilford in 6:30

Halbach & Ram. out at 10:00 PM. worked on
12" dome.

Oct 29 Ball returned projected and slides 5:15 PM.

Wind 5-6 PM. Burned trash. cloudy.

Nov 2-3 C.F. + Dennis Mathies + Dave Stone
Cloudy: Thin group of 38 C.F. stars
with parents.
In 6:45 out 8:45

Nov 3/4 W. Kaminski - In 2:00 - out 2:30

Temp. 41° only 1st mag stars are visible

Observations impossible (quite cloudy)

16" eyepiece is "gouged" and chipped. Terrible!!!
Cover of eyepiece box was not even in safe.

Nov 5 wind 6:15-8 PM Group of 35
High School students

Nov 7

Hallock, Ramtoun, Zirbel, Conrad
Obs Mercury TRANSIT + PHOTOGRAPH
SAME. IN 7:30 TO 11:30.
SKY Very Clear.

Nov 7, 1960

J. Lund and C Elgos in 7:40 PM. SLIGHT HAZE
AS WE ARRIVED FOLLOWED QUICKLY BY
OVERCAST. OUT 9:30 PM.

Election Day Ben March, came to see if
if where satellite shed leaks. 3:00 PM.

Nov. 11

John Lysarsky Cub Scout group
about 15 with elders.
F.W. Ford, Ball Buchlin 7:40 - 10:40 (2-2-145-2636)
Jerome Wahl, York Butler 8:15 - 10:40
Pete Tomas Ojala 8:15
8th grade group of 24 from South Milwaukee Jr. High. 8:00 - 9:40

Nov 11

J. Lund and C Elgos, Ramtoun 12:00 pm
PHOTOGRAPHED STAR FIELDS.
OUT 0330.

Nov. 12

Jerome Zimski 5:00 pm - 5:30 A.M.
Bright aurora at 6:30 pm - dawn
cloudy; cleared up at 10:00 pm

Nov 13

Uporsky & Halbach 2-5 PM
Cleaned up & repaired

Nov. 16

Donnie & Carl Mattheis in 7:00 PM; out 9:30 PM
40° a few scattered clouds.
Group of 12 - Brookfield Jr. &
Science Club.

Nov 17

W-end - Group of 7 to Bay Adsen track
7:20 PM - 9 PM 24 mm eyepiece missing

Nov 18. BRECHLIN IN 6:15 P.M.
TEMP 6:15 40°F GROUP FROM
U-W.M. ASTRONOMY CLASS. (8)
Tom McFarland 10:30 - 1:45
John Cobb 10:30 - 1:45 24mm Brandon
was missing

BRECHLIN out 10:45 TEMP 38°F??
3?? WITH ICE ON SATELLITE SHED!!!

Nov 19 NGC
Marta Kinska - 6:25 Sky Clear 8:30
Jennie Ximara 6:25 - 8:30 P.M. Dusk light rain
observed Venus, Jupiter, Saturn, Mars, Uranus, Neptune, Pluto, and
BRECHLIN IN 7:00 GROUP. 100TH
HOSTELER. ABOUT (15)

Nov 19 Went 6:50 P.M. Brechlin, Jurgens.
Group of 15. out 9:20 P.M.
Kaminski - In 12:30 pt cloudy 45°
out 1:15 cloudy

Nov 20 Zit 7:25 p.m. out 9:00 p.m.

Nov 20 Ramthan, Simon, in 10:50 Temp 40 Sky
Very Clear, out 11:30

Nov 22 Zit in 5:30 p.m. out 8:40 p.m. out 8:40 p.m.

Halbach & Ramthan in 2000 hrs Triaxial Echo
and 5 V.M. out 10:45

Nov 23 Ramthan, Zibel in 1730 hrs
1960 Eto 162, ~~2230~~ out

Nov 25 Ramthan, Zibel in 1700 hrs
SATELLITE'S out 2100 hrs.

Nov 25 Henry Chaslo 5:30 PM
Ball 8:20 - 11:30 (16-18-164-2652)
Welford - 8:30 Walsh 9:30
M. Farland, Bush 9:30 - 2:25
Variables

Nov 30-Dec 1

RIES RAIN THUN IN 6:30

Good night - clear and cold.
 Thanks to bright moon only
 Isotellite observed

R + R out 8:45

Dec 1 -

Amthun in 2:15 AM.

Out of fuel oil none in shed.

LEFT SWI RADIO IN 13" DOME. SAW 6 SATELLITES

SKY HAZY AND FULL MOON. 1960 X:142

CAME WHILE THE SKY WAS STILL BRIGHT.

Out 8:45 p.m. will be back

Amthun in 0300 A.M.

SKY PARTLY CLOUDY WINDS FROM

NW 00 TEMP. 28° SKY FOR OUT 4:45 AM

Dec 2

Amthun 4:30 p.m. OUT 8:45 PM

3 SATELLITES + FULL MOON

TEMP 38° WINDS NW 12 mph

*** OUT OF SATELLITE REPORT FORMS ***

DEC 3

WEND, KAMINSKI - 10 AM - 12 AM

TOOK 10" RFT HOME TO RE-FIGURE
 THE MIRROR via THE DALL-IVULL
 TEST, WHICH PERMITS A DEEP PARABOLA
 SUCH AS THIS (F4.8) TO APPEAR UNDER
 THE KNIFE-EDGE TEST AS A SPICAL
 SURFACE APPEARS UNDER A CONVENTIONAL
 KNIFE EDGE TEST.

THE 8" LONG FOCUS SCOPE HAS BEEN
 MOUNTED IN ITS PLACE. THE ALUMINIZED
 SURFACE IS IN GOOD CONDITION. PLEASE
 DO NOT PUT SCOPE AWAY WITHOUT
 AN EYE PIECE IN IT. (THIS GOES FOR
 ALL THREE SCOPES).

DEC. 3

JOHN UPORSKY 12:15 TO 1:15
 OIL DELIVERY ACE OIL CORP.
 145 GALLONS.

Dec 5/6 1960 Walter Kaminski - In 9:05 Clear & Windy
Temp. 42°

Seeing - quite good (6-7)
Transparency good (4)
Variables kb (5-5-5-395-6)
Mars drawing and observation
Installed new door knob on back door.
The 13" with very good seeing shows
just as much detail on Mars as the 15.6"
Clark Refractor at Madison shows with
very poor seeing and clouds (Trough = 2-)
Out 11:30 38° Not so windy
and clouds coming.

Dec 6-7 Halbach RIES IN 6:15
attempted 5 satellite observations
ZIRBEL in 6:30
Halbach RIES ZIRBEL out 8:45 PM

Dec 7 Wind 6:15 - 8:00 GROUP OF
35 COLLEGE STUDENTS

Dec 9 Walsh 7:05 - 8:25 Group of College
Students

Dec 12/13 1960 Kaminski In 9:50 Temp 14°
clear & cold
Variables (5-5-10-400-6)
Mars drawing + color estimates seeing very good.
out - 11:40

Dec. 16-17 Doug Bash - Tom M Farland. In 12:00 MN. Out: 2:15 A

Dec. 22-23 Tom M Farland in 6:15 out 6:30
Heater quit working / I couldn't sleep

Dec 26 Bill Zindel in 7:35 out 12:15 A.M.
Joined Zindel in 7:35 pm - 12:15 am Mars drawing
(no light after 1:30 clouds came. no
work done after this. I got a few pictures. No
out best 11