

- 12/7/72 P. Muraw in 7:30 work on DOME DRIVE
Halbach " " Out 10:00
- 12/9/72 Renner in 4:10 AM out 4:35 - # cloud
- 12/10/72 Pfannerstill & Borchardt in at 4:20 PM
out at 8:50 PM Apollo 17 orbital tracking.
Tracked REVS 2, 3 & 4 NO JOY.
Timm Renner in 4:45 out 5:50
Photographed Moon conditions Fair-Poor
- 12/14/72 Halbach 5:50 - 7:45
Albrecht. 10:00 AM. Hung no transverse
signs on fence. Measured telescope
tubes for covers. Measured camera
bracket for A scope.
- 12/14/72 John Hawley 7:45 - 10:15
Pfannerstill & Borchardt 8:15 - 10:15
- 12/16/72 Pfannerstill in at 4:20 PM left at 6:20 PM
Apollo 17 orbital tracking, and occultations
No JOY on Apollo 17, but 2 occultations recorded.
- 12/20/72 Ken Krah installed eyepiece caps on
10" porta - scopes 6:30 - 8:00
- 12/27/72 Albrecht. in 6:30 P.M.
Halbach " " " Out 11:30 22 Var
- 12/27/72 B. Ave 8:00 P.M.
Hawley 10:52 - 2:30/28
Paul Borchardt 10:52 - 2:30/28
- 12/28/72 Pfannerstill - IN 12 MID OUT 4:45 AM
PHOTOGRAPHED MOON & ATTEMPTED SEVERAL OCCULTATIONS
- 12/28/72 Timm Renner in 6:55 PM out 7:15
- 12/31/72 Nicholas Pilugin 4:45 - 7:05
Inventory
- 1/1/73 Pfannerstill & Borchardt in 5:45 out 9:30
- 1-1-73 Pilugin 6:30 - 11:00
Peter Ever 7:30 - 11:00 Timm Renner in 6:30 out 8:15
Tom Renner 7:10 - 8:30
John Hawley 9:05

1-1 Continued

Thomas & William Schmittmann 10:01
all out at 10:55

1/5/73 P Murn in 6:00 out 7:00

Pfannerstill in 3:30 out 3:45 Borrowed several S.E.T.

1/5/73 Alfred Shaft 10:25 in 11:15 out

Kevin Wisco 10:25 in 11:15 out

Took Pictures of nebula. Was going
to do some Vents but my feet froze
and my hands during night be-
cause later. Shaft also worked
on Physics Problems.

Tri-Mite Thomas Schmittmann in at midnite

1/5 Operation Objects 10" #1 / A scope.
out at 1:30 AM

6 Jan 72 R. James 1325 - 1445

Replaced 'A' Dome Deck
light and control.

1-8-73 Al & Anne Bronillette in 7:15 out 9:15

1-8-73 Barry, James, Tim Moran 8:00 - 9:00

1-8-73 Brian Danire 8:10 - 8:50

Front door left unlocked

1-9-73 James & Harbach 5:00 - 5:18 PM
Took out gaze equipment.
Returned Egypt 10:45 PM.

1/10/73 Pfannerstill 6:25 - 7:10 Photographed Moon & Saturn
1/12/73 Albrecht 12:30 - 12:45 P.M. Picked up No 2 gaze
telescope tube to fit cover.

1/15/73 Murn 4:00 - 5:15
cleaned & lubricated wheels
on 'A' dome slit - BUT - cable
is all frayed and just about
2/3 gone. Needs a new cable

1/16/73 Alhult 1:15 P.M. Worked on cable replacement on "A" dome shutter.

Murn 3:30 out 4:50

Halbach - Comet Finder 7:00 - 10:30
Temp 40°F - HOT.

1-19-73 M. Pilugin & P. Borchardt 11:30 - 12:15
Bolt connecting camera to afocal mount is too long.

1-23-73 Pfannerstill 10AM - 10:45 AM COPIED SOME DATA FROM LOG BOOK.

1-24 Halbach 7:00 - 10:30 28 Var.
Renner 8:00 - 9:30
Pilugin & Borchardt 10:00 - 11:25
Who took the "A" scope guide? Let Pilugin know.
Sapsford

1/25/73 Murn in bio out 11:00 57 Var.
Pfannerstill & Borchardt 6:30 - 8:30 Gen Observing
Tom Renner 10:00 - 11:45

1/25/73 John Cristler
10:45 pm

1-28-73 Al. Bronellette in 7:55 PM out 10:35 PM
Peter Eser " " Out 10:00
Kurt Miller in 8:05 PM out 9:20 PM
Paul Borchardt 9:05 > 10:45
Nick Pilugin 9:25
Renner 8:40 - 12:00 UWM Group

1-30-73 Renner - 9:30 - 10:15 installed clutch on "B" scope.

2-3-73 Sanyk 7:30
Ronald Kunkel
Jerry Kunkel
R. James 6:30 - 9:00

Pfannerstill 7:45 - 9:30
M. Pilugin 10:15 - 2:00

Halbach 6:10 - 11:10 65 Var.

2-6-73 H. Lindemann 7:45P 9:10PM
Found Bucareset Bldg normal, H. 50 FT. Bldg.
In neighborhood. Stopped in to install
door stops on interior bucareset doors.
Note (Found projector box door wide open.
Could not locate it closed.)

2-7-73 Murn 8:00 - 10:15 (pictures)
Raman 8:00 - 10:15
Halbach 8:00 - 11:00 35 var.

2/8/73 Murn 6:00 - 11:00 89 var
John Hawley 10:10 - 4:30
John Hawley 10:10 - 4:30
great bright broke 32 pictures

2/11/73 Pfannkuch 6:00 - 7:00 LUNAR PHOTOGRAPHY
Halbach 6:20 - 11:00 50 var. with
2 occultations

2/12/73 deBrouillette - 7:10 P.M. Out - 9:20 P.M.
Peter Esser IN: 7:35 P.M. OUT: 9:20 P.M.

2/22 Halbach 6:30 - 10:45 62 var

2/25 Mike W. Pitz, P. Borchardt 7:00
Peter Esser IN 7:45 OUT 10:30 12:00

2/26 Mike Fein 7:45 to 9:40

2/27 MURN 7:15 OUT 10:15 50 VAR.
Mike Fein 9:10 - 11:00 - attempted 12" mag comet
Paul Borchardt 9:10 - 11:05
Sam Wedemeyer 9:11 - 11:05
John Hawley 10:30 - 11:05

3/1/73 Ken Truh 6:30 - 7:30 Bunker Hill Bay

3/2/73 Ken Truh 8:30
3/3/73 Raman 1 PM - 2

3/7/73 John Hawley 5:10 - 11:15
 Lauffer 4:10 - 11:15
 Renner 10:45 - 12:45 23 var.
 Gary Wedemeyer 11:40 sky held photo
 out 2:45 Nicholas W. Pilg " " - comet
 Paul Borchardt " " saw Uranus
 Just managed to get field
 of comet, when sucking clouds!!
 can't wait washed & eat! 11:45
 Nicholas W. Pilg
 G. Wedemeyer confirmed field

3-11-73 Halbach 12:30 - 4:50 worked on
 Plummerstill 2:00 - 4:50 comet spectra
 N.W. Pilg 2:00 - 3:00

3-12-73 Renner 6:45 - 8:45 25 var
 Kurt Muller in 9:45 out 10:45
 Brian Cole in 9:45 out 10:45
 Halbach 9:15 - 11:00 8 var

3-14-73 Renner 7:20 - 8:45 17 var
 Lauffer 7:20 9:00
 Hawley 7:20 9:00
 Horn

10:00 John Antelis - general observing

3-12-73 Thomas J. Schmitt
 3-17-73 Paul Borchardt → IN 9:37 OUT 11:30
 Gary Wedemeyer

3-18-73 Renner - 12:45 PM - 2:10 PM installed
 motor on "B" Drive
 Murn - 6:30 - 10:00 75 VAR

3/21/73 Murn - in 6:45 out 10:05 27 VAR
 Renner 7:45 - 10:00 OUT 9:00 13 var
 ENR IN 7:55 OUT 9:00
 Paul Borchardt → 7:55 Hoped to look
 Nick Pilg → 7:55 for comets
 Halbach 10:00 - 12:30 26 var
 unable to do so

3/22/73 MURN IN-8:00 OUT - 10:15 49 VAR
3/23/73 Ken Fisher Run Trash Barrel
and clean up trash area 5:30 6:45
3-24 Renner 1:35-2:30 PM
3-26 Robert James 1:45 - 19:05
Tom Renner 6:30 - 9:50. 28 var
Paul Borchardt 2:20 - OUT - 9:40
Peter Miller IN 7:20 OUT 9:40
Halbach 7:30 - 10:35
Kolchunson 7:45 OUT 9:45
El. Brinellotti 7:45 Out 11:00
Brian Olay 7:45 out 11:00
Mike Dierck 7:45 out 11:00
Runt Miller 9:30 out 10:50
Jim Taylor 9:30 work 11:00
Nick Pugin 9:30 work 11:00
PAUL MURN 9:40 - 12:30 37 VAR
Morton 7:00-11:00

Thomas Schmittsburg Midnite to 1:10 AM

3-27-73 John Dwyer - Saturn in 6:45 out 7:30 High-middle clouds
4-4-73 Halbach - Removed 10" scope for grove
9:10-10:30 PM & March Van observ. rocks.
4-4-73 Nick Pugin in 11:53 out 12:30
Paul Borchardt Cleared Brookcone, took
2 also have to work on. Remove
books for cataloging.
4-6-73 Planning Comm & Group Leaders Meeting
Lundemann Murn Renner Wagner
TOELLER Halbach James, Tanager
Hall Collins - Risk
4-10-73 Renner 9:10-10:30 6 Var
4-13-73 Halbach 9:00-12:00 29 Var
4-14 Renner, Halbach 10:30-4:00 Home Drive
4-15-73 TOELLER HALBACH 1 PM 5:15 A Lane & Lewis
4-16 Renner - Oil in "n" in

4-17-73 Pfamerskill 7:15 - 8:30

Long 7:30 - 8:45 2 moon photos - satellite tracking
Gunday 7:30 - 8:45

4-22-73 Renner 1:15 PM - Entered Unlocked

near door!
Murn in 8:00 ^{out 10:20 20 VAR}

Tangney in 2:30 - 10:50 AM
photography
Halbach 8:15 - 11:50
Thomas Schmittling 10:30 - (10:30 moon object)
out at 12:24

4-23-73 Nichols & Pilugin, Peter Escal 5:50 - 10:20

4-23-73 King Tangney ^{IN} 7:30 PM - 9:30

Tom & Genny

Brian Ayl 8:15 - 11:00

cut Miller in 8:45 out 10:00

Renner 9:20 - 10:50 11 VAR

4-24-73 Pilugin 7:55 10:00 photo corner around

Long 7:55 10:00 AS+EROID

Murn 8:30 - 10:30 19 VAR

4-26-73 Ranchman - Group

6:30 PM / 9:00 AM

Thomas Schmittling in: 1:14 AM out: 2:30 (cloudy)

4/27/73 Murn & 9 guests 9:30 - 10:30

Thomas Schmittling 1:15 to 3:07 AM

4/28/73 Albrecht & Pfamerskill 9:00 - 2:30

Mike L. Sutch 9:00 - 2:30

Brian Ayl 9:00 - 2:30

cut grass. changed oil in big mower

Pounded in 39 fence posts on east line

5-4-73 Halbach & Pilugin 11:20 - 1:00 19 VAR

Jeffrey 11:45

Thomas Schmittling

closed up at 2:45 AM

5-6-73 Tanne Ross in 10:40 or out 10:50
Checked on paint supplies for "B" Building
VOTE FOR Pilugin & Holbach. 1:35 - 7:00 Teller also.
Worked on door & drive

5-8-73 Lindemann - Fosal - Weiss 8:00 - 12:30 P
Painted woodwork in office.
Primed floor with Grey Thinner 4:1

~~Notice. Do not move office
furniture back until floor
gets 2nd coat.~~

5/8 12 → 1 AM T. Schmidt + Krenz

5-9-73 Pfannerstill 7:30 - 10:00 Moon Photos & 4 occultations
ESSER 7:50 - 10:10 } attempted comet
VOTE FOR Pilugin 7:50 - 10:10 } guider but failed

5-10-73 Lindemann 8:00 AM -
Painted office floor - 2nd coat.

Note Found padlock "open" on north
end of main gate chain.

~~Notice: OK to move equip. back to
office. (2nd coat on floor.)~~

5-12-73 LINDEMANN & PFANNERSTILL 1:45 - 2:30
Moved stuff back into office

5-14-73 Pilugin & Family; P. Borchardt
7:25 - 9:15
SK4 lab Transit. To Many elou As.!!!

- 5-15-73 Lindemann 6:30 - 9:15 PM Part Cloudy
Watch for Skylab. No See
Pfannerstill 6:45 - 8:35
SKYLAB SEARCH UNSUCCESSFUL
- 5-16-73 Pfannerstill 7:15 PM - 8:30 PM
Watch for Skylab
Lindemann 7:15 PM - 8:30 PM (No sig. thing)
Ken Kish 8:00 - 8:30
- 5-17-73 Halbach 10:15 - 12:45 26 Vars.
12:35 - 1:35 Thomas Schmittman
- 5/19/73 Halbach, Albrecht 8:45 AM - 3:00 PM
Cut some grass, set corner fence posts
trimmed cedar tree, worked on dome divs.
Kings & Mary Ann Langley 8:00 PM 10:15 PM
variables + photography
O.J. Schmittman Paul Borchardt 10:37
out at 12:33
- 5-20 Halbach 5:30 PM
Remained grass, equipment
Tom Schmittman 11:00 - 12:30 out
- 5/23 Albrecht & Jetter 6:20 P.M. left at 7:00 P.M.
Installed sharp blades in mower
- 5/23 Virgil & Langley in 8:30 PM out 9:00 PM
Storm & Jerry CLOUDY
- 5/24/73 Schmittman 1:15 - 2:50
Pfannerstill 8:15 AM - 12:15 PM
Cut Grass
- 5/25/73 24m - Tom Schmittman
- 5/26/73 Halbach, Albrecht 12:30 - 4:00
Mike Battist Fence work
- 5/27/73 Ken Kish 12:00 - 4:00 PM "A" Drive
Ed Halbach
- 5/28/73 A.W. Pilugin Paul Borchardt
6:50 - 11:00 Bookcase
Phone Found unlocked
J. Samolyk 8:30 - 1:00
- 5-30-73 Nick Pilugin IN out
Doug Niederhauzger 8:00 12:35
Paul Borchardt

Joh. Hauler 8:20 - 12:20

Jay 8:30 12:30

Oliver Schmittling 1st → 2³⁰

Terry Renner 2:30 - 4:00 AM - 15 var

5/31/73

Pibben 10:00 - 12:00

Sankh 10:00 - 12:00

6-1-73 H. Lindemann - 6:45 P 8:30 P
Note: Upper gate chain unlocked NG

Tom Renner wife 7:00 - 7:05 PM

Sawth 9:15 in - out 4:00

Schmittling [1-230]

6/2/73

Albrecht 8:00 A.

B. Awe 10:45 - } 2:15 P.M.
cut grass

6-3-73

Rogner 9:30 - 1:00 PM - worked on Bunches

Halbach 9:00 - 2:15 PM "A" Same drive

Renner 9:20 - 10:45 12 var

Sawth 9:30 - 11:45

Paul Boyer 10:45 - 11:45

Dany Wedemayer 10:45 - 11:45

6-5-73

Lindemann 3:15 PM - 4:30 PM
Observe & photo. Skylab, 4:05 A Did not see it.

6-8-7

Halbach Varieth 3:00 - 4:00

Clouded out.
Skylab not seen

6-7-73

Zit in 9:30 FAIR 70° 1ST QUARTER
BAO RA CIRCLE - OUT 11:00 6 VARIABLES

Schmittling out 2³⁰

6-8-73

Zit in 10:00 WAITING FOR OPENING
IN SKY - DOUBTFUL!
OUT 11:00

6-9-73 H.W. Piluz P Borchardt 7:15 - 11:40
Sample 10:00 - 11:40

6-10-73 Renner 12:30 PM - 4:15 Painted 'B' scope

6-10-73 Key Truck 12:15 To Ed Halbach 12:00 - 6 PM

Kent Miller in 12:20 - 4:45

Albrecht J. TOLLER 1 PM - 6 PM

Completed lining job.

6-10-73 Wright & Henry Tanager in 8:45 PM out 10:30
variables (2 var)

Renner 9:00 - 10:00

Schmittung out 115

Halbach 1:30 - 4:30

36 var

6-12-73 VIRGIL Tanager in 8:45 out 9:30 PM

Sample 9:00 - 9:20 Cloudy

6-13-73 Lindemann & Weiss
To observe & photo Sky ab
2:30 AM - 4:15 AM "Good show"

6-14/5 Halbach 10:00 - 12:45 29 Var.

6-17/73 R. James 1830 - 1905

Halbach 9:30 - 12:30 35 Var.

6-17-73 Turner Ross in 7:05 PM out 7:55
SWEEP "B" BUILDING FLOOR IN
PREPARATION FOR PAINTING.

6-20-73 PAUL MURN Sandra MICHAEL MURN

Turner Ross in 6:40 PM out 9:12

Halbach 6:35 PM - 9:00 PM

Sample 7:00

Sample 7:00 - 11:30 out

Tanager 7:15 PM 8:30 PM

Key Truck 7:30 - 10 PM

TOLLER 6:45 10:15

14 Linder 7:50

Clean & arrange facilities
for June 24 picnic

6-21-73 Lindemann group -
 Observe & photo Skylab. (2 passes)
 H. W. Pilek - P Borchardt 9:35
 for Skylab 11:20

OUT 11:20

6-21 Pfannestill 10:00 - 11:15

I SAW IT!!! me TOO!

Unreal! a grand total night
 with three fokers! a dust!

6-22 Halbach 11:30 - 4:00 AM. (36 Var)

6/23/73

all night 2:00 A.M.

R. Mac down 9:45 out 2 PM

Barley 9:15 - 12:15

Kurt Miller 9:30 out 1:45

Brian Samolyk 10:40 - 1:45

Mike Schmitt 12:45

Closed up 12:45 1:45

6-23-73 Tenere Ross in 11:00 out 11:30

photographed Skylab

Samolyk 11:30 - 4:35

Halbach 1:00 - 4:35 (19 Var)

6-24-73 Ken Krahn 12:45 PM and family

John Hawley 2:45 - 5:00

Kurt Miller 3:00 - 4:00 8:00 - 10:00

Brian Samolyk 4:00 - 10:10

PLAS PICNIC - FINE DAY

Gary Wedemeyer

Nick Pilugin took home "A" scope vari-
 drive cable.

Borchardt

Jerry Samolyk 2:30 -

Brian Samolyk - for picnic - to 10:15

John Hawley

Jerry Samolyk & Tom Schmitt

6-24-73 Chris Graft 1:55 in 4:15 out.
I did some drawings - Jupiter (in dell all b/l/s
some white spots on Jupiter. Position of the Moon etc.

6-26-73 J. Bell 6:40 - 7:15

reset valves in Womans John
M.W. Pilugin P. Borchardt 7:35 - 10:00
Chris Graft 8:45 - 10:00

6-28-73 Lindemann 6:20 PM - 10:35 A.

Pilugin 6:45 P - 10:00 P
Hosts to Astronomy Class of M.S.O.E.
Brian Ganiere 6:40 - (Attendance 7)

Paul Borchardt 6:40 - 10:00
Rich Pilugin 6:40 -

6-29-73 Mac Linn 10:30 A in (Painst) 10:40 out

1 JULY 73 SIMANDL - RETURNED CLEANED RUG,
IT WAS LEFT IN THE OFFICE
AGAINST THE WEST WALL

7-1-73 Terence Ross in 2:45 pm out 3:45
Pilugin P Borchardt B. Ganiere,
Wiedemayer 7:45 - 11:10
Hawley 8:00 out 11:45

Don't look at
me baby

Chris Graft 12:30 - 4:00
+ sound the Back Door OPEN
Paul Borchardt 12:30 - 4:00

July 2, 73 Gary Wiedemayer 10:25 - 12:20

Brian Ganiere 10:25 - 12:20

Paul Borchardt 10:25 - 12:00

set up to do infrared photography
but sky clouded up

July 3 (Thom) Schmittman 12:45 - 1:15
Zit in 8:20 Temp. 73° fair, clouds developed
John Hawley 9:50 - 9:55 rapidly out 10:30

- July 4 July 4 John Hawley 8:15 - 11:20
 Paul Borchardt 8:15 - 3:00
 Tammie Ross 8:15 out 10:00
 Larry Wiedemayer 9:30 out 3:00
 Tom Schmidthaus out 3:00 8:55
 7-5-73 Jim + Tom TOELLER 7:40 PRIME DOME
 Tammie D. Ross in 8:30 out 10:45
 Lindemann 9:00 - 11:00 To photo. Skylab
 Gough 9:45 out 2:00
 Wiedemayer 9:45 out 2:00
 Paul Borchardt 9:45 2:00
 T. Schmidthaus all out at 2 AM
- 7-6-73 Tammie Ross in 9:20 AM out 10:00 AM
 Photographed Skylab
 Larry Wiedemayer 10:30 > 3:30
 Dick Pilgum 10:30
 Guy Riedel 11:00
 Thomas Schmidthaus 1 AM → 3:15
 7/7/73 Albrecht 7:45 AM out 10:00. out grass.
 7/7/73 Brian Ave 9:05 out 10:00 out grass.
 7/7/73 Mike Deutsh 9:05 out 10:00 out grass, terry
 7-7-73 Jim + Tom TOELLER in 9 AM out 1:30
 PAINT DOME
 7-7-73 ZIT in 8:40 FAN 78° OUT 12:00 15 VAR.
 John Hawley 10:30 - 2:00
 Larry Wiedemayer 10:30 - 2:00
 Paul Borchardt 10:30 - 2:00
 Gough 11:30 - 2:00
 Thomas Schmidthaus 12:45 → 1:35
 7-8-73 took some deep sky photos
 Pilgum - Danier - Borchardt
 8:30 - 11:20
 Painted Back case
 7-10-73 T. W. Pilgum 6:45 - 10:00
 Painted Back case
 Brian Danier 8:00 - 11:50

7-10-73 Lindemann-Pfannerstill
9:15 PM - 10:25 PM Photo Skylab
Halbach - 10:00 - 11:50 2nd var.

7-11-73 Lindemann 8:40 P - 10:30 P Photo Skylab
Thomas Schmitt [12:20 AM]

7-12-73 Turner Pms in 7:30 pm out 8:30
Painted RAILING IN "B" Building

7-13-73 Dick Pilugin 8:05 - 12:10 FINISH
Brian Janice W. Book Case
(Almost)
SAW A MOUSE IN THE OFFICE!

7-14-73 Lindemann 10:00 AM - 1:30 P Clean Quonset
TOELLER 10:30 - 12:30 clean
M.W. Pilugin 8:10 - 8:30 WATCH
SUNSET

7-15 Roman Paint B-Scape 9 AM - Noon
" R. McCann 10:30 A - 12:30 P paint

7-15-73 Pfannerstill 2:30 - 3:00 Borrowed several SET
Turner Pms in 7:15 pm - 8:00
APPLIED FINAL COAT of PAINT to "B" Scape Rail
Halbach 8:45 - 11:30 25 VAR.

7-16-73 Open House - 1st night.

Romer - Lindemann

M.W. Pilugin 7:00 - 10:50

Brian Janice

Halbach

Paul Miller

Turner Pms

Langley (Krigel, Mary Ann
Gerry)

Barry Gault

Mike Neutack

J. Simandl

E. Halbach
W. Albert

7-18-73 Turren Ross in 6:45pm
Took home clock DRIVE & MANUAC
SLOW MOTION from "D" Scope - RECONDITIONING
N.W. PLUG IN > 8:30 - 10:45

7-21-73 Allright. 9:00 AM. (Rain.) Left at 9:30.
replaced water outlet on north end of
water line.

7-22-73 Halbach - Installing RA Circle on B Scope
Turren Ross in 6:10 pm / 3-9 PM,
out 8:45 pm

7-23-73 Open House
Lindemann 6:00 PM - 10:15 P Hamerstill
N.W. Riley 6:40
Brian Janiere 6:40 - 9:10
Paul Borchardt 6:40 -
Brian Awe 7:00 - 9:30
Lutz 6:10
Allright Kenneth Fish 8:00 PM - 11:00 PM
Turren Ross in 7:00 out 9:00
Kent Miller 8:00 - 9:30
Mike Dauter
Topler - Tom. Tom. 7 PM - 10 pm
John Hawley 7:00

Resumé: 100 people
Sky overcast, only Vegas observable
Presentations -
Sky - Lab - H. Lindemann
Univers. - Film
S. M. Wagner M.D.

7-26 Thomas Schmottknecht 12:15 →

7-27 N.W. Riley, P Borchardt 8:40 - 4:00
B. Janiere 8:45 - 1:35
B. Awe - M. Deutsch - 9:30 - 2:10 photograph Jupiter
Thomas Schmottknecht 1:05 - 2:30

7/28 Allright 8:00 AM - 1:30 }
7/28 Brian Ave 10:00 AM } cut grass
repaired water line.
There is a leak in fuel oil tank. Do not remove
clamp until it can be replaced or repaired.
Halbach - 10:30 - 4 PM, Included RA
circle on 'B'

Renner 2-4. Painted "B"

1:30 } Out at
Quarter to Three
Thomas Schmitt

7/29/73 Hammerstill 1:15 PM - 3:00
FOUND "A" DONE TRAP DOOR OPEN.
WORKED ON SHORT WAVE Antenna.

7/30/73 OPEN HOUSE

Hammerstill 6:00 AM - 10:00 AM

Paul Borchert 6:25 AM - 8:30 PM

Lindemann 6:15 PM - 10:00 PM

W. W. Pugh 6:25 - 8:30

B. Renner 6:25 PM - 8:30 PM

Turner Ross 6:45 PM

Tom TOELLER 7 PM

Brian Ave 7:00 - 8:25

Mike Deutscher

≈ 125 / lowest / Dr. Wagner M.D.

8/1/73 Kenneth Fink - change entry Display 6:30
Albrecht, Foeller, Halbach } 7:10 - 10:00
Worked on 12-10" scopes.

8/2/73 Hammerstill - 7:15 PM out 6:00 AM GREAT NIGHT!!

Paul Borchert 8:30 - 6:00 AM

Sam 9:30 - 6:00 AM

8/24 Ancker 8:30 - 10:00

astronomy class - Carroll College

12:00 PM Antelope - out 3:00 good seeing 34°
1:30 PM Schmitt 2:30

- 8/3 Thomas Schmittberg out 3:35
 8-4 R. Mac Low in 11:00 out 2:30
 8/4 Brian Ave in 12:15 pm out 1:00 pm
 8-4 R. James in 13:30 out at 15:20
 Thomas Schmittberg out 2:40
 8-5 Ken Prah Put up new display 1:00 PM
 8-5-73 Terence Ross in 7:55 pm out 9:25
 8-5-73 Patrick Cook 9:00 pm General observing.
 Ronald Kynicki
 Gene Finckh

8-6-73 OPEN HOUSE

Plummer & Borchardt 6:30 PM — out 9:00 PM
 FOUND POWER ON !!!

B. Lanier 7:00 PM → 9:00 PM
 Tanager Terence Ross
 Kurt Miller
 JOELLER 7 PM 9:30
 Brian Ave 8:30 out 9:00
 Mike Bentsch 8:30 out 9:00

Open House - approx. 125 people
 Overcast - occ. light rain
 Schmandl
 Dialogue M.D.
 Open House
 Channi

8/9 Thomas Schmittberg 120 → 3-

8-10-73 Terence D. Ross in 11:55 pm out 12:30 am
 OBSERVED Jupiter & MARS - Seeing (poor)

8-11-73 Thomas S. 2 → quarter to three (")
 R. Mac Low in 10:30 A out 12:00 P
 B. Ave 10:30 - 12:00
 WB Allright 1:15 PM delivered sheet
 metal wire to + + +

8-11-73 Tenure Run in 2:00pm out 2:15pm
Brought Back Projector
& Schmitten 140 → 230

8-12-73 Tenure Run in 7:45pm out 9:15pm
Repaired "B" Scope ladder
Halsch 8:15 - 10:15 (14 van)
Samolyk 10:00 - 10:15

8-13-73 OPEN HOUSE

Phannertill 6:30 - 8:45

Tenure Run in 6:40pm out 9:20pm

James + Tom Toller 6:45 - 8:45

Brian Gwe 6:50 - 8:45

Kent Miller 7:10 - 8:45

L. SIMANDL, W. COLLINS.

8-14 M.D. Pilgr P. Borchardt 6:45 - 10:15

Tom Schmitten

Gate & front door
found open

(Lunar & planet) let's tighten up, out here, younguns!
130 → 230

8/20/73 Ken Krah Shark in mine room 12:00 - 1:00P

8/19/73 R. James & Vesetors 21:30 - 22:15
Thomas Schmitten 11:45 → 205

20 Aug 73

5:45 P.M.

Open House

Tenure Run

6:50 - 11:05

SIMANDL, COLLINS.

Tangy's

M. Pilgr

7:20 - 11:05

B. Dorine

7:20 - 11:05

Brian Gwe

7:00 - 12:00

Mike Deutsch

7:00 - 12:00

Paul Borchardt

2:20 - 3:05

Peter Esser

8:20 - 10:30

Lindemann

7:45 - 11:57

Tom Schmitten

OUT

3:05

500 visitors

August 21 Thomas Schmittle 130 → 255

8-24-73 Board meeting 7:15 - 9:30 PM
8-25-73 R. Mac Lann 11:10:30A out 11:30A
8-25-73 R. James in at 1300 out at 1615
8-26-73 R. Mac Lann in at 0900 out at 1230
8-26-73 R. James in 1535 out at 1550
8-26-73 John Hawley 8:15 - 12:30
Borchardt 9:00 - 2:20
Gulberg 9:00 - 11:00 - 11 Var
Thomas Schmittle 12:20 280
H.D. (People in yard)
~~H.D. (People in yard)~~

8-27-73 Open House 400 visitors
Hindemann 6:00 PM
Lump 6:00 Borchardt 7:15 IN
John Hawley 6:30 - 10:45 out 3:30
H. Hugin 7:15 - 10:15
Brian Larine 7:15 - 10:15
Brian Auld 7:15 - 11:00
Mike Deutsch 7:15 - 11:00
Wagner 11:15
400 people
Caring & mobility unlimited
TRELLER 11 PM
Thomas Schmittle (all out at 330)

8-28-73 Lump 6:30 - 2:30
John Hawley 6:30 - 11:45
P. Borchardt 7:45 - 2:30
B. Larine 7:45 - 11:45
8/29/73 King Tongue in 4m. of air out 10:15 PM
John Hawley 8:00 PM
John Hawley 8:15 - 9:15
Paul Borchardt 8:15 IN 3:30 PM OUT
Lump 9:15
Thomas Schmittle 12:20 out 3:30
Thomas Schmittle 130 → 255

Aug 31

Sept. 1, 73

R. Davis 10:45 - 3:00 IN YARD

G. W. Wierman 10:45 - 11:00

Paul Borchert 1:45 - 3:00 IN YARD

Langley 10:45 - 3:00 IN YARD

Thomas Schmitt 12:12 → 3:00

9-2-73 R. MacLean in 1200 out 2215 Paint

Turner, Russ in 12:25 pm out 12:45

9-3-73 R. MacLean in 1145 out 1500 Paint

Langley 8:00 - 10:30

Paul Borchert 8:00 - 10:30

John Hawley 8:00 - 10:30 worked on some

drive - direct objective plate on B scope

Halbach 7:30 - 11:00 Worked on

some drive, - 5 variables -

9-5-73 Thomas Schmitt 1245 → 145

(excellent "scoring")

9-6-73 Renner 7:15 - 9:45 "B" scope bearing van - needs align

Murn 7:30 - 11:25 46 VAR.

BORCHERT - PHOTOGRAPHED RZ CAS } 3:00 -
Halbach - 32 VAR. } 5:45

9-7-73 Lindemann 700-900 To photo. Skylab.
Note: Found \$1.00 lock improperly installed.
Corrected same.

9-8-73 R. MacLean in 1145 out 1500 Paint

9-9-73 R. MacLean in 1200 out 1445 Paint - done!

Murn 7:30 11:35 32 Var.

Roma 8:00 - 10:50 18 Var

Thomas Schmitt

9-10-73 everyone out at 1140

Langley 7:00

Halbach 7:00 → 10:30

Brought Heratla copy made
for Coast Studies Group.

9-14-73 Planning Com. Meeting 650 P - 930 P
Halbrecht - Lindemann - Toolter, Blaser
Langley, Halbach, Warner.

N.W. Riley 1:30 - 4:15
Edward R. Bollman

~~Bochardt~~ > 4:15

9-15-73 Triller & Halbach worked on 'A' domes

9-15-73 R James worked on Electrical Cabinet
Wesley Schmittling 120 → 22

9/18/73 John Hawley 7:30 - 1:45
James 7:30

9/18/73 King & Farney 7:30 PM ^{OUT} 9:45 PM
Tom & Henry

Romer 7:30 - 9:30

Halbach 7:00 - 11:15 4/Var

9/20/73 Murn 7:30 - 9:30 22 VAR clouds

9-21-73 Lindemann 10:00 AM - 11:45 AM
Let oil men in to change tank & fill.
Stacked chairs & swept floor for "flea market"

9/22/73 - John Hawley 7:15 AM - 6:15 AM
Paul Bochardt 7:15 AM - 6:15 AM
Murn 8:00 - 11:05 28 VAR

Brian Henne 8:25 - 4:30

Sam's 10:50 - 6:15 AM

Halbach - 8 - 9:30

1:30 - 6:00 23 Var with

Photo - Min. of RZ Cas.

9-23-73

9-23-73

R MacLennan in 11:15 out paint

John Hawley 7:45 - 12:30 attend building

Lawrence 9:45 - 12:30

9-25-73

James & William Schmittling 9:10 10:30

R James 1800 → 1920

Found Safe unlocked;

OCT. 4 John Dawley → 7:30ⁱⁿ 6:00 A.M. we
Paul Bachert → 7:30^{out} 6:00 A.M. we
Lutz → 10:00 6:00 A.M. saw
Dino Schmitt → 1:15 → 2:25 IT!!!

Oct 5 Halbach 7:30 - 11:45 70 var

Oct 8
Oct 13 Mr. & Mrs. V. J. Tangredi 7:10 PM 9:15

Oct 13 Mr & Mrs V.J. Tangredi 7:10
Lent Malin 7:20 out 8:05
M. B. P. Berchard 9:10-5:20
D. D. Miller ATTEMPTED KOMUNTEK
Vince Schmuckung 12:42 → 1:10

Oct 14 Albert 9:15 AM - 10:45
Found front door unlocked.
Cut upper grass, insulated vent
on dark and toilet rooms.
opened valves on underground water.

Oct 14 Tanager Pk in 6:10 pm 8:00

Harvest 7:30 - 4:30

50 var. SS egg at m.p.

SS, egg at top

Called HCO to advise MIT X-ray astronomer to send up packet.

John Antalos - 12145 -

0.715 $\frac{1}{1000}$ 6.45 - 9.15 20 van

Thomas Schmittmann $\frac{106}{106} \rightarrow 145$

Oct 16 ~~Remedial~~ 6:45 - 10:45 Timed eclipse of "2" Drisco

Pat Cook In 7:30 p.m. - out 8:30 pm

Oct 18: Halbach, Joeller & Allright. 6:45

Longway King & Tom 7:15 9:15
8 VAR

Thomas Schmitt 115 → 215

Visited by New Berlin Police → described
Society + its activities, when people are usually here + etc.

OCT 19, 1973

Halbach 10 - 2:45 60 Var.

Remington in 6:40 pm out 11:15

H.W. Pflug 10:00 pm - 400

Robert P. Pflug in 9:30 pm out 10:15

Robert P. Pflug 9:30 pm out 10:15

John Thomson 1200 IN 2315 OUT

Brian Awe didn't stay long

Dany Wadernager - 400

10-20-73 Sat. Flea Market

Lindemann 1245P-500P

Kurt Muller 2:20 - 4:10

Tangue 2:50P-400

Tobler ER 2:30 - 4:30 - 7:20

Kurt Muller 8:15 - 9:35 11:40
OUT

John Soucek

Unkword ILL 6030 875

Berto Lito

4032 N Ashland Chgo, IL 60613

Thomas Schmittling [100 → 215]

Halbach 2:15 - 6:30 48 varieties

Murn 7:00 - 11:10 40 var.

10-21-73

Longrey 6:50 9:00 5 varieties

Halbach 6:20 - 8:30

Borchert 6:00 - 11:10

10/22/73

MURN 6:30 - 11:45 92 VAR

TOELLER 6:50 - 10:45 40 from HOLY

Remer 8:40 - 10:45

APOSTLES

10/24/73

Murn 6:00 - 10:25 36 var.

Halbach 6:30 - 10:45 13 var.

Longrey/Vinyl Cherry 6:45 9:15

Albrecht. Foeller 7:15

Pflug 9:19 am 5:15 am

Paul Wombard 10:45

B

10-25 Renner Group Tour Wauwatosa West 7-8:45

10-26 MURN - 6:15 Mary Ball Board Meet.
 Renner 6:15 W. Olych. T. Ross
 Tangney (Mrs) R. James
 Luedemann R. James
 Halbach

10-27-73 R. James 1423 → 1445
 Working on B Scope

10-28 Renner 7:20 - 9:15 worked on B + 4000 clouds!

10-31 Tom Schmitt 12:50 → out 1:45
 Paul Borchart 1:30 → SUN UP
 GARY WEDDEMAYER 1:30 - SUN UP
 going to do some spectrographs
 work but too strong wind

REMOVED 6" DYNASCOPE AND EYE-
 PEICES FROM "C" SHED FOR GRAZE.

Paul Borchart 11/1/73

11-2 Renner 6:45 - 9:30 35 Var

R. James 10:25 - 5:30

W. Olych 10:45 - 5:30

P. Borchart 8:30 - 11:30 36 Var.

Halbach 11:15 → 5:30
 We SAW IT!!!

11-3-73 R. James 10:03 - 10:45

Pick up Graze Equip

1810 - 1850

Returned Graze Equip

11-3-73 Bruce Schatz 7:30 - 8:00

11/4/73 Alhert 12:10 P.M. out 12:50

Removed battery from Power Mower
 Installed closure around large vent
 on roof of lecture hall.

Turned on power to room heaters.

11/5/73 MURN - 5:35 - 11:00 75 VAR

Renner 7:30 - 10:30 34 Var

555

John Asztalos - ~~in~~ group of Waukegan 6th graders
on tour of facilities Saratoga School (630-830)
Piling - & Boychard 8:30 - 6am

11-6-73

Mac Lenn - in 1945 out 1500
Murn 5:30 - 6:30 15 var. clouded out

11-9/10

John Asztalos - gave tour for girl scout troop 629
B 7:30 - 9:20

Dan Wedemeyer 1:45 - 8:10

Paul Boychard 1:45 - 8:10

H. W. Piling 3:20 - 7:45

Pfannerstill & Lindemann 4AM

Chris Fawcett

Jim Mallmann

Hallbach 3:15 - 7:45

11/90/73

Albert 1:30 P.M.

11/10/73

Dan Wedemeyer 8:30 AM - 3:15 AM

Paul Boychard 9:30 AM - 3:15 AM

Put up cabinet in storage room for
binoculars - screwed in roller
guard panels in "A" dome - cleaned
and vacuumed floor, storage room,
"A" building, Quonset, and office.
straightened up Quonset and storage
room - emptied all garbage cans -
checked the timer on the patrol
camera, after 3 hours found it to
be 2 1/2 min. fast.

11/15/73

Lindemann & Pfannerstill 6:30 PM -

Gave program for Boy Scout Troop

Tanner Ross 6:30 PM

Brookfield Troop #76 34 Attendance

OUT AT
9:30 PM

11-16-73

Tanner Ross in 8:15 pm out 8:49 Seeing
Poor

Dan

11:45 - 6:15

Dan Wedemeyer 9:45 - 6:15

Ekkehard 3:00 - 6:15

Paul Boychard 9:45 - 6:15

Comet
Kohoutek
seen

Ok

9-17 Renner 7:00-8:05 - Instigated ~~John~~
Jim Swanson 7:20-8:05
Learned how to operate telescopes.

9-18 Halbach 7:30-10:15
Repair work, a few variables

9-21 Halbach 3:00-6:00 AM 18/100
9-23 H. Lindemann, J. Toeller, W. Schmitt
Pitug - Boris Barot (Malcom) on
7:30-9:30

11-23-73 MHS Board Meeting
Lindemann 7:00-9:30
9:50 out J Toeller

11-24-73 R. James 1330 → 1655
Group from Sheboygan A.S.
+ worked on Darkroom Heater

11-25-73 R. James 1905 - 2030
Worked on Darkroom Heater

11/29/73 MURN : 5:45 - 10:00 78 VAR

Renner 6:00-10:00 - 40 VAR

Pitug 8:30 - 6:30 am

Brian Clive 8:35 - 11:15

Halbach, Harris + Borchart

Adjusted Patrol for focus.

Halbach out 11:00

Jan R 11:00 - 6:30

11-30-73 - 12-1 0:03 3:10

J TOELLER. Tom group

from INDIANAPOLIS MS.

12-1-73 Renner 1 PM-3:15 Repaired oil seal B'line
12-1-73 L. Hoff Schug 6:30-

Jim Swanson 7:20-9:25 - 11:30
Patrol on scene

- 12-1-73 SAT NITE KEYHOLDER - IN 6⁰⁰
10 ADULT VISITORS A & B DONE BUSY
OUT
10:45 - P. Lug, Paul BORCHARDT
~~CLUTCH ON A SCOPE NOT~~
~~WORKING. EAT~~
OUT - 6:30 AM
- 12-2 Walcott 6:00 - 11:30
Repaired Patrol Camera drive
53 variables. Temp 50°F
- 12-5 Toller, Mum in 7:30 out 9:00
Worked on "A" Scope drive oiled etc.
- 12-7 Gary Wedemeyer 3:30 AM - 6:30
Nucleus of Hobouite bright, with tail
approximately $\frac{1}{4}$ to $\frac{1}{5}$ of low power (Erla) field. Going
to photograph but twilight interfered
- 12-8 M. W. Pilius 1:30 am - 4a
- 12-12 M. W. Pilius 4:20 am - 5:40
- John Angeles 5:20 - 5:40 cloudy
- 12-16-73 Renner 5:45 - 8:15 7 van + shoveled
out "A" dome which was full of snow because
shutter was OPEN.
- 12-21-73 5:30 AM John Angeles oiled 7:00 AM
- 12-2 7:00 PM 11:30 7 van. Hallock
- 12-22-73 9:00 - 12:00
Paul Borchardt - 11:45 - 2:30
M. W. Pilius, G. Wedemeyer 11:45 - 2:30
Walcott. Picked up Brazil scope #2
to complete it.
- 12/29/73 M. Pilius, P. Borchardt - 4:30 - 6:00
Kurt Miller 6:30 - 7:40
- 12-129/73 Geoff Schultz 7:00 - 10:40 Replaced
scope up repair normal
- 12/29/73 Jim Hanson 6:30
John Hughes 7:30 - 2:00
Paul Borchardt 7:30 - 5:30
Gary Wedemeyer - XZ 11M 8:00 - 5:30

OF

12/30/73 John Hawley
~~Paul Borchardt~~

1/1/74 Pfannerstill & Borchardt 3:45 PM - 6:15 PM
PHOTOGRAPH KOHOUTEK
Sun 4:15 - 6:15 PM

1/3/74 Munn 5:20 9:45 50 var
PILUGIN 4:15 - 5:30
BAD KOHOUTEK. IT SET ABOUT
4:40. WAS VISIBLE BEFORE
SUNSET.
RENNER 6:45 - 9:45 25 var

1/4/74 Pfannerstill 4:15 - 8:30
PHOTOGRAPH KOHOUTEK (very dissappointing)
Munn 4:30 - 8:30 28 VAR
~~Becky Schutz~~ Photograph Kohoutek (Bad)
5:30 - 7:30 Planetary Photography

1-5/74 R. James worked on Darkroom
1545-1620 Thermostat
Pugin/Borchardt 4:30 - 7:30
D. Hall 4:30 - 8:00 PM.
Sun 4:45 7:30
KOHOUTEK
HAD VISITORS
IN ADDITION
TO MEMBERS &
FAMILIES TO SEE
KOHOUTEK -
VISIBLE 5:30+.

1-6-74 Halbach 5:20 - 5:30 Picked up spot lite
John Hawley 5:15
Sun 5:15 6:45
D. Hall 7:15 - 8:35

1-7-74 Zirk 5:05 ZIT OUT 7:28 3 EXPS OF
KAHOOTEK
Sun 6:30 9:00
PAUL BORCHARDT 6:30 - 9:00