

12-11-71 Terrence Pros in 2:30pm
Picked up mounting for gaze.
can't find it. out 3:00

Halbach 3:00 - 4:45 AM

Returned Grogg equipment - Clouded out.

12-13-71 Tom Renner in 9:30 - 11:00

12/15/71 Albrecht, Munn, Baeller, Renner, Ken Koch
C. Halbach, Jay Nichols - Tanager project
Out 10:10

12/16/71 Halbach 7:30 - 10:30

Vanith - 23 put cloudy 32°

12/21/71 Renner 3:15 - 5:45 - Clouds 19.5 var

Munn in 6:15 out 10:45 62 var

John Lohr 9:10 - 9:20

John Lohr 9:10 - 9:20

12/22/71 Halbach 10:45 to 12:15 (21 var)

Bab James. Jan TOILET 6:45

TEMP. REPAIR. FURNACE 7:45

Terrence Pros in 9:00 out 9:10

Brought wall shelf for dark room.

Munn in 10:00 out 11:30 12 var (Clouded)

12/23/71

R. James Repaired Furnace
MYd New Desk light in A'Dome
1830 → 2000 Cloudy.

12/28/71

C. Halbach & John Rhumerstill in - 4:05 PM OUT 8:05
Albrecht & Linda Hammond in at 6:00 P.M.
Abies observations. out 7:30
Out 8:05 PM

12/29/71

R. James 1815 → 1915
i Keiling
Repaired 'A' Chart Holder

1/4/72

Renner Munn in 6:10 Renner out 10:00 - 25 var
1-6-72 Munn out 10:45 - 37 var

1/5/72 Albrecht, Jangrey, Toller, Derrwin,
Halbach
12 Telescope Project 6:30 - 10:00
1-6-72 Renner In 10:25 Out 11:35 26 var
1-7-72 Renner In 8:10 Out 9:25 30 var
Halbach 2-4 AM 16 "

Jan 9, 72 Murn in 6:00 out 10:10 37 var
Renner in 6:00 out 6:40
Renner in 8:40 out 10:10 28 var
ZANOKIC MIKE 10:30
Scott Looza IN 10:11
NIKE BANACH OUT 12:14
Halbach 12:15 - 2:00 24 var

1/10/72 Murn in 6:10 out 9:55 50 var

1/11/72 Halbach 8:15 - 10 11 var

1/12/72 Dashed out
Derrwin, Albrecht, Toller, Murn,
Halbach, Krahm, Jones.

10/13/72 Murn 6:25 out 8:50 19 var

10/17/72 Renner 6:45 - 8:00 4 var
Halbach 7:20 - 11:00 35 "

1/9/72 Men's toilet frozen - Heat was off
Murn, Toller, Albrecht, Halbach,
Telescope making project Out 9:45

1/20/72 Murn in 6:10 out 9:30 32 var
Renner in 7:55 out 9:45 31 var

1-26-71 MURN ALBRECHT TOLLER KRAHM
HALBACH PHILGIM.
Telescope project Out 10:10 AM.

1/29/72 Albert H. 8:22 P.M.

1/29/72 Chas Shift 9:45-10:10 P.M. 6:15 A.M.

1/29/72 Vic Pansino 10:10 PM left 11:10 PM
John Bannerstill IN-10:10 PM OUT-6:10 AM

Gruppentisch 11:30 6:10

R. L. Davis 2345 2

Trenchal Ropes in 12' 15"

V. Danquien, E. Halbach

Paul Boichard on 1:00 out 5:55

John Hanks in 1:00 out 5:55

Day Sat - 1:00 5:55

H. Lindemann 130A - 530A. 1-30

1-30-72 Remains In 9:30 out 10:30 18 Van

1/31/72 Morn in 6:30 out 10:15 55 vor

2/2/72 Murn Toller Halbach Krohn
Deer in 6:30 out 9:15
 Telescope project.

2-5-72 W. I. COLLINS - KEY HOLDER - JUNIOR GROUP
IN 6³⁰ CLOUDY WITH SNOW

2-6-72 Hallock 6:15 - 10:45 41 Ver.

2-7-72 Renner 7:00 - 8:45 Temp - 50°F
Mun 8:35 - 12:00 32 Var
50 VAK clouded out

2-8-72 Renner 7:30 out 8:45 Temp -10°F Windy 31 Jan

2-9-72 Mum in 5:40 out 9:50 25.00
 Albrecht, Tom & Jim Foeller 6.20 Telescope proj.
 Derwin, Halbach Out 9:30

2/15/72 Murn in 6:15 out 10:45 75 var
2/15/72 9:15 9:11

2/15/72 Turn in 6:15 out 10:45
Chris Shatt 10:10 10:25

- 2-16-72 Tom + Jim Taylor 6:15 → 9:15
Tangney Halbach
Lindemann 7:00 - 8:30
- 2/17/72 Murn in 7:00 out 9:00 2 var Clouds
- 2/19/72 Renner picked up 10" Portscope
- 2-19-72 R. MacLean Jones 7 P.M. in 9:15 P out
Murn in 8:50 out 12:45 37 var
- 2-20-72 Terence Ross in 4:30 AM
out 5:30 OBSERVED Jupiter
- 2-21-72 Renner returned 10" scope
- 2/24/72 Murn in 6:45 out 9:30 34 var Bar Seeing
Albright in 7:05 Brought out 7 Helix scope tubes.
- 3-2-72 Blanton Group 60 H.S. Students for
Wankar - 6:30 PM - 9:30 PM
- 3-4-72 Tangney in 6:15 PM Murn in 7:00
out 9:15 Group 40 students
& parents J. Burton Elementary School
- 5 Mar 72 R. James 1620 → 1630
Picked up Graze Recorder
& Head Phones for check up
Murn in 6:50 - out 1:50 41 var
Renner in 7:00 - 10:00 32 var
Terence Ross in 8:00 out 9:10
- Mar 8/72 TELESCOPE Proj. KERN KRAHN
Albright, Tangney, Joeller, Murn, Lindemann
Renner, Ross, James,
Observing
John Taylor 7:00 P.M. "A" scope 10:00 P.M.
Bryce Smith 7:00 P.M. "A" scope 10:00
Paul Barchanett 7:00 P.M. "A" scope 10:00
Halbach 6:00 - 10:00 Tel. Proj.
10:00 - 11:00 15 Var. Renner 30 var
- MAR 11 HALBACK 1000 AM KRAHN 1230P - 5.30P
Painted 11 telescopes

MAR 11 GLASER - IN 6:45 PM OUT - UNLOCKED FOR JUNIORS - OUT 9:15 PM
Murn in 8:35 out 12:00 37 var

MAR 15 TANGNEY in 6:15 PM out 9:15 PM
ALBRECHT TOELLER MURN
Halbach. Renner

MAR. 22 TOELLER ALBRECHT HALBACH 6:30
TOELLER PROJECT KEN KRAHN 10:30
Hindemann - Work in storeroom. 10:30

3/23/72 Murn in 7:20 9:30 out 29 var

3/24/72 Halbach 5:15 PM Renner & Wilder

3-25-72 Hindemann 8:30 Work Store Room 3:30 P
Robert MacLaren 9:30 " " 3:00 P

3-25-72 L. Hall - Junior Group 7:25 PM
out 8:40

3/29/72 Halbach, Murn, Toeller, Albrecht. 6:30 PM.

2/30/72 Halbach 7:15 - 11:00 36 var.

3/30/72 Chris. Shuff 8:05 in out 10:20

1 apr 72 R. James 1820 → 2000
installed speaker in Lecture Hall
Snowing.

Apr 3 8:30 PM John Arzeta - photography - observing
In 8:45 Tom Renner out 8:59

Seeing poor, cold; R Corb 12.0

4-4-72 Terrence Ross in 4:20 am out 5:00
observed Jupiter

Tom Renner 10:00 - 1:00 21 Var
KEN KRAHN Ed HALBACH Painted Bases
9 Forks 6:30 10:30

4/5/72 Murn 6:20 TOELLER ALBRECHT TANGNEY 6:30
Renner. 8:45 - 10:00

4-7-72 H. Lindemann 6:20 PM Planning Comm.

Terence Ross in 7:10 out 9:15
 Nigel, Torgny in 7:45 PM Albrecht, Toeller, Halbach
 Collins, Janguey, Murn, Renner, Lindemann,
 Renner in 9:00 out 11:30 group tour

4-8-72 H. Lindemann 6:10 PM Junior Night 10:00

4-8-72 Brian Cole 7:00 PM Junior Night

4-8-72 Mike Deutsch 7:00 PM Junior Night

4-9-72 Terence Ross in 3:45 am out 4:35
 observed Jupiter

Terence Ross in 3:50 pm out 4:00

Took measurements for camera adapter

4-10-72 Al & Anne Brouillette in 7:00 P.M. out 7:45 cloudy

4-12-72 H. Lindemann 6:00 PM -

Work in storeroom.

Toeller Murn Albrecht

Ken Krahn

Renner

9:40

(Telescope proj.)

4-15-72 Tom Renner 7:00 - 8:30 JOMAS

7:05 - 7:30

Group 7:05 - 7:30

Paul Bouchard 7:05 - 7:30

4-15-72 Brian Cole 7:00 - 8:25 Junior Night

4-15-72 Mike Deutsch 7:00 - 8:25 Junior Night

4-15-72 Jeff Lindemann 7:00 - 8:25 Junior Night

4-16-72 Terence Ross in 5:50 pm out 8:30

Renner in 6:30 out 8:00

4-16-72 Brian Cole - 7:00

observation

4-16-72 Mike Deutsch - 7:00

4-16-72 Jeff Lindemann - 7:00

Ed Halbach 7:05 - 11:00 (19 var)

Jim Lynch 8:00 - 9:15

Murn 10:40 in 1:55 out (45 var)

4-17-72 Renner in 8:15 - 9:45

14 var

4-19-72 H. Lindemann 5:45 P Paint Storeroom 9:00 PM
R James - P. Murn 1820-1930
Repaired motor on oil burner + repaired desk light

4/20/72 Murn in 7:10 out 11:00 36 van

4/24/72 Kent Miller IN 7:20 OUT 10:30

John Hawley 7:20 - 10:35

Long Smith 7:20 - 10:35

Pat Dorsett 7:20 - 10:35

Blond Anne Brumette 7:20 - 10:40

Nick Pilugin 7:25 - 11:55

Mr McTangney 7:25 - 11:30 PM

Mr McTangney 7:25 - 11:30 PM

Halbach 8:00 - 12:00

32 Van & 2 students

4/25/72 Murn in 7:15 out 10:30 41 van

Renner in 10 - out 11:00 4 van

4/26/72 Lindemann Murn }
Halbach. Albrecht. } Telescope party
Krahn Tangney.
Feller

✓
4/27/72 Danish Group 12 indian guides (Waukechu)
6:30 PM - 8:30 PM warm but cloudy

4-28-72 H. Lindemann Work in storeroom 6:00 PM - 7:00 PM

4-28-72 Plan. Com. & Keyholders Meeting 7:00 PM
H. Lindemann 7:00 PM - 9:30 PM

Turner Ron in 7:02 out 9:28

R James 7:00 - 10:10

Halbach " "

4-29-72 Nicholas W. Pilugin 1:10 PM - 5:00 PM

Kent Miller 1:10 PM - 5:00 PM

4-30-72 Terrence Ross in 1:35 PM out 2:15

& Gerth Hall

Made up notes 1- + 1 -

- 4-30-72 2:00P-4:00P Tangnays, Samandl, Lindemann.
Work inventory of Quonset Bldg.
- " 2:00P-3:00P MacLaren - Satellite shed & Garage.
- 5-1-72 Al & Anne Brault - 7:30 P.M. - 9:00 P.M.
Halbach 10:00 - 11:30 12 var
- 5-3-72 ~~Al~~ Lindemann - Quonset Maint. Hangar 6P-9P
- 5-3-72 Dennis Coramini 6:00
Allrecht, Munn, Doeller, Lindemann, Krahn.
Tangray 9:45
Halbach 7:15 - 11:30
Buried cables - 16 var.
- 5/6/72 Allrecht 8:00 A.M.
- 5/6/72 Mike Deutch 8:15
- 5/6/72 Left Lindemann 10:00
- 5/6/72 Brian Ave 10:00
changed oil and greased both power mowers.
started and ran both.
Dug more wire trench, picked stone and
out thistles. Left in rain at 2:00 P.M.
- 5/9/72 Munn in 8:45 out 11:00 29 var
Renner in 10:25 - 11:40 8 var
- 5/10/72 Allrecht, Halbach, Doeller, Munn | Tel. Project
Tangray, Krahn
- 5-11-72 ~~Al~~ Lindemann & 3 visitors 1:00P-1:30P.
- 5-13-72 Turner Ross in 1:25 - 1:30 pm
Brought paint for "B" BUILDING.
- 5-15-72 Halbach, Nichols - took last fix of
Tel. hooking project - 6:30 - 7:30
- 5-16-72 Turner Ross in 7:05 pm out 8:20
Photographed Venns
- 5-17 Halbach { 5:30 Allrecht at 6:15. Doeller 7P
DeRuino { 6:45
Brought out Coast Guard Shelter
Renner 6:30 - 11:45
Halbach 8:30 - 10:45

5/18 allent 5:30

5/18 Lindemann-Bohrendt-Kister 6:30 P - 10:00 P.

Ross 7:00-7:05 Picked up applicator

5-18 G. Hall - 7:00 PM to 7:45 PM

5-20-72 Jeff Grundmann 10:15 -

" Mike Deutsch "

" Brian Awe "

TOELLER Jim & Tom 10:30 - 11:05

Huber 10:00 - 11:15

Convention
Visitors

5-21-72 Terrence Ross in 6:20 pm out 8:10

Temp. (80°F)

oto. Venus

5-22-72 Anna & Al Brumlette

7:30 PM 7:30

5-22-72 Chris Henselton 7:20 - 11:30

Ken Thiel 7:30

Terrence Ross in 7:40 out 8:20 looked at Venus

John Henselton 8:45 to 11:30

Long Smith 6:45 - 11:30

Paul Henselton 8:45 - 11:30

Large moon. 3 am, 23 doubles

5-23-72

Tom Renner - 7:50 - 10:50 - worked on B

Joe Nyland - 6:45 - 10:00

Don Louch 6:30 - 9 am CDT Brookfield

Scout group 15

5/24/72 Jeff Grundmann 7:00 -

Mike Deutsch " -

Brian Awe " -

allent, Halbach, Joeller, Munn, Pfannenstill,
Palugin, Krahn. Out 10:00

5/25/72 Harry Ancker 8:25 out 9:50

5/27/72 Terrence Ross in 2:30 am out 3:15
observed Jupiter, conditions fair

5-27-72

H. Lindemann 8:30 - 10:00 PM Brackets in storeroom
Halbach 11:00 Removed Compressor Legend for Photos

{ L. SIMANDL - 9:00 - 2:00 AM } SCRAPED & SPOT
{ R. JONES - 10:30 - 12:00 AM } PRIMED WEST
SIDE OF QUONSET HUT, SCRAPED EAST SIDE

NORTH SIDE, READY FOR PRIMING & FINISH
EXCEPT FOR PUTTYING OF WINDOW GLASS
AND REPAIR OF BROKEN TRIM STRIP.

John Hawley 8:30 11:30

John Hoff 8:30 11:30

5/27/72 Paul Borchardt 8:30 11:38

Vinyl & Torgny Tom & Jerry 8:30 PM OUT 11:30 PM

5/29 Halbach 10:00 - 10:45 9 var.

Returned Cable Trailer

5-30-72 19th Mrs. Bonith Group 8 H.S. art. class 22⁰⁰₂

5/31/72 6:30 P.M. Albrecht. Reimer To ELLER

Ken Krahn 7:30 - 9:45

6/3/72 Albrecht 8:00 A.M.

6-3-72 8:45 AM. Lindemann, Weiss, Kister, Kuehn,
to 2:30 PM Smith, Schmidtkunz, Borchardt.

6-4-72 Terence Ross in 3:40 am out 4:00
OBSERVED Jupiter - ^{seeing} conditions poor

6-6-72 Murn Halbach 9:00

Halbach out 11:40 28 var

Murn out 2:45 47 var

6/7/72 Albrecht, Murn, Halbach Ken Krahn 7:00 - 10:30
TO ELLER - 7:25

(Halbach, Kuehn, Tom Wilson, out 11:00
8 var.)

6/8/72 H. Lindemann 6:15 P 8:45 P Quonset Bldg. work

Kent Miller 7:10 - 8:45 PM

Vinyl Torgny 7:00 8:45 PM

6-9 Halbach 12:00 - 4:30 52 var

Terence Ross in 1:25 out 2:05

OBSERVED Jupiter - ^{seeing} poor

10 JUN 72 L. SIMANDL } PRIMED & STRAPED
R. JONES } EAST SIDE OF
J. JACOBY } QUONSET HUT
Sandy Jack 8:20 9:50

10 JUNE 72 zit in juniors fair skies temp - 55°
John Hawley 8:15 - 3:50 out 11:30
Paul Bachert 8:15 - 3:50
Mike Deutsch 9:15 - 10:35
Murn in 10:00 out 2:30
Terence Ross in 2:20 am out 3:50 observed Jupiter

11 June 72 Targery in 9:20 out: 2 PM
finished scraping & priming west side - began caulking

NOTICE THE GREAT AMOUNT OF
HELP THAT TURNED OUT TODAY TO
WORK ~~TOGETHER~~ V.J.T.

6-13-72 Lindemann - Weiss 8:45 AM - 11:45 AM
Painting in Quonset Office

6-14-72 Ken Krahn Joeller Jim & Tom 6:30 -
Alhacht, Halbach, Murn Ross 10:00 PM

6-15-72 Halbach & Tom Milner 9:30 - 11:30
16 Circumplex vanath -

6-17-72 Terence Ross in 1:35 am out 3:30
observed & photographed Jupiter

6/17/72 Alhacht. 8:00 AM.

Lindemann - Kister 8:45 AM - 2:15 PM Painting
Quonset

Awe 9:15 a.m.
Grundmann 11:30 - 11:55

6/18/72 Halbach 9:30 - 12:00 26 Va.

6/21/72 Lindemann - Weiss 8:15 AM - 12 Noon Painting
Quonset.

6/21/72 Alhacht 6:45 Telescope proj. - 9:30
Ken Krahn 6:45 - 10:15 Painted men's room.
Seng buff Trench for comet bldg.
TO ELLER 8:45 ???

1015

6-22-72 Eclipse Expedition planning session -
John Asztalos

6-24-72 Halbach - ~~7:30A - 11:50~~ ~~8:15A - 11:50P~~ Simandl - Jacoby,
Lindemann ~~8:15A - 11:50P~~ ~~Halbach~~
allied. Installed Ventilator

John Hawley 12:30-300 dig ditch
John Hawley 8:45-12:40 - Dr. Messer objects
Paul Berchardt 12:00-300 + 8:45-12:35
Gerry Baum. 8:45-12:35

6-24-72 John Asztalos and junior groups:
8:40pm



6-25-72 Paul Murn ^{1:00} - picnic Ken Krah and family
Cynthia Korman
John Hawley fun fun fun
Paul Berchardt
Vigil & Mary Ann Torgny & family
Darrell W. Moore & Ellice Valente
Kurt Miller + party

6-26-72 Chris Asztalos Al. Brumlette dn. 9:00 PM out 10:45

6-27-72 Lindemann 11:00AM - 4:00P cleaning & painting
Guong et al.
6/27/72 Albert Murn Halbach, Ken Krah (paint ~~last~~)
Kurt Miller John Jannerstall 2 pitch
Nicholas W. Pileg 9:10-9:00
Toellb R - 9:10 AM

6-29-72 Terence Ross in 7:15pm out 8:25
Masked Dark room

6-30-72 Lindemann - Weiss 8:15AM - 1:15PM

6-30-72 Christopher Shaft 10:05 AM } Paint
11:10 PM } east wall
of Guong et
(outside)

6-30-72 Terence Ross in 11:35 pm out 12:55
6-30-72 Mike Deutsch 9:30-12:30 PM. - A.M.
6-30-72 Brian Cuel 9:30-12:30 P.M. - A.M.

7-1-72 Lindemann } 8:45 - 11:15 A Painted roof cap
Kuehn } of Quonset.
Behrendt }

7-1-72 Terence Ross in 8:30 pm out 11:45 ^{bare Dark room first} coat of paint

7-1-72 Chris Shaft in 9:00 pm. 11:10 out

7-1-72 Harry Anster in 9:10 p.m.

key holder - three junior member here
but viewing too poor to use telescope, too
many clouds - out 9:45 p.m.

~~John Hawley~~ 8:45 - 7:50 observed towers
8:45 - 9:50 observed towers

7-2-72 Terence Ross in 11:30 am out 2:50 pm
FINAL COAT of paint put on Dark room.

7-4-72 Terence Ross in 3:10 pm out 4:00
INSTALLED wall shelf

Harbach 9:45 - 11:00 13 Var

Remen 11:00 - 12:00

7/6/72 Alhult. Tom & James Feller.

7/6/72 Christopher Shaft 7:20 PM 9:45 out
Tangrey's Mary Ann & Virgil + Margaret 7:30
out 10:45 PM

7/8/72 Alhult. 8:30 AM. Cut grass.

L. SIMANDL 9:00 - 12:30 SCRAPED INT-
A. ERIN 10:00 - 12:30 ERIOR OF
QUONSET HUT.

7/8/72 B. Awe 9:15 - ~~10:15~~ cut grass

7/9/72 Virgil Tangrey - Tim in 8:45 AM OUT 12:15 PM
worked inside Quonset
replaced flooring

7-10-72 Remen - picked up B's parts 12:30 PM
H. V. Pileup, E. Bohlen, H. Simbana
C. Jenlock, M. Weiss, ~~Richard~~
P. Beitz 10:00 - 3:00
Kurt Miller 1:45 in out 4:45
Kenneth F. Frick

7-10-72 Grundmann

Eclipse

11

Awe

21

11

Deutsch

11

7/12/72

Albrecht. Ken Krahn

TOELLER. Jim + Tom

8:30

7/13/72

Nicholas W. Pileggi

6:55 -

E. Halbach Out 9:20

Power failure

Telephone out

7-15-72

Lindemann - Weiss - Kister - Kuoha

8:30 AM - 11:30 AM - Painted

Halbach 8:00 - 5:00

Wire fan - Tel. repaired

7-15-72

Terrell Ross in 10:30 pm out 12:50 am

observed Jupiter - Seeing good

7-16

Halbach 2:30 - 6:30

Hang project cabinet.

7-16-72

Terrell Ross in 7:00 pm out 9:05 attached
aluminum strip to top of "B" door.

Renner 9:45-10:30 Removed "B" focuser

7-15 TOELLER. Jim + Tom WIRE FAN 10 PM

7/18/72

Ken Krahn 6:15 AM - 8:30 Painted
woman's rest room floor

7/15/72

Bomph Hraup 15 7 PM ~~8 PM~~ 9 PM

7/19/72

Albrecht Renner, Halbach

TOELLER Tom Jim - Work Part 8 10 PM

7-20-72

Mae Luen

10 AT 10:45 A work up lumber list.

Toeller

Tom Jim

Tile Mens

7:00 pm 10:00 pm

7-21-72

Terrell Ross in 6:40 pm

Halbach

Pileggi

7/21

Board meeting

McLaren Hall
Lindemann
Mr & Mrs Tongue
Teeller
Hallock
Rosa

7/22/72 Ken Krahn Paint Marie room floor ^{8:30 AM} _{11:00 AM}

7-22-72 (Lindemann, Weiss, Jacoby, Kuehn ^{8:30} - ^{12:30} P
Behrendt ^{8:30} - ^{10:30} A.
Boeschardt
Painting in Quonset

7-22-72 Tranne Room in 8:25pm out 12:15 Keyholder

Jonas

John Hawley 8:30 - 11:55

Paul Boeschardt 8:30 - 11:55

Bob ^{8:30} - 11:55

Mac Lane 8:30 to 12:30 + 3:44

7/22/72 Brian Hwe 8:45 - 11:30

7-23-72

8:15

Mac Lane

8:15 Lindemann -

Halbach 7:30A 10:30

Teeller

~~Hawe~~ Awe 9:30A

Wagner 10:00 - 2:30

Tranne in 10:45 out 2:45

Tongue 9:15A out 12:25 P

TAHBRTK 10:40

Reme 12:00 - 2:00

Hall 2:35 - 3:15 PM

Ken Krahn 4:00 - 5:00 P.M.

7-24

Renna brought 1/4" adapter for 'E' size

1st. Up on House.

7-24-72 Lindemann 5⁴⁵P, Wagner 5³⁰P.

Miller, Kurt

Turner, Ross in 7:05 out 10:35

Roger Warfield Ken Krah 7:30 - 10:30 Gin Pol

7.7 pods - 1140 mid air Washburn

John Hawley 8:15

~~John Hawley~~ 8:15

Paul Borchardt 8:12

Albion Broutelle - 7:45

Toeller, Tom Jr. 7.

John Gannertill

Gerber

Halbach

M. Pileg

house attendance
Brian Ave - 7:00

First of

7-25-72 LUNAR ECLIPSE

Gannertill & Pileg

IN - 9:10 PM
OUT - 3:30 AM

Ken Krah 9:30

John Hawley 9:30

Paul Borchardt 9:30

2 VISITORS

Roger Warfield

John Acetatos

7-26-72 Halbach, Toeller, Albrecht.

cleaned garage, installed fluorescent fixture,
washed 10" diagonals.

7-28-72 Ken Krah 5:30 - 6:15

7-29-72 Albrecht 8:30 A.M. - 10:45

Wagner 12:00 noon → 4:00 P.M.

7-29-72 Norm Dinekey & Mike - opened for Jovian 8:10 - 12:35 AM
 Jerry Dinekey in-1 out
 Paul Borchardt 8:25 12:30
 Fred Kerkman 1

7/29/72 left Grundmann 8:45
 Marie Deutsch 9:30 - 10:55
 Gannestill 9:30 - 12:25

7-30-72 Brian Ayls - 8:45
 Gannestill & Bruce Kling in- 7:35 PM
 worked on Comet Shack &
 observed Jupiter left at - 11:00 AM
 Halbach 3:00 PM - 11:00 16 Nov
 Complete concrete form for
 Comet seeker.
 Kraker helped me 3:00 - 5:00

7-31-72 James. Choked B dome slot. OK 6:00 - 6:30 PM
 out - 1955

7-31-72 Open House
 Wagner - Lindemann 6:00 PM - 10:00 PM
 Kent Miller
 Jerry Dinekey 7:20 - 9:45
 John A. Gannestill Jr.
 Virgil & Hargraves
 Mary Ann
 Margaret
 Jerry Paul Borchardt
 John Hawley 7:20 - 9:45

(75)

8/2/72 Halbach, Albert H. Foeller, Mary Gannestill.
 H. Ancker - Carroll College
 astronomy class in 8:45 PM out 9:25 PM

8/3/72 H. Ancker - Carroll College Astronomy
 class in 8:30 PM out 9:50 PM

8/3/72 Paul Munn in 8:50 out 11:25
 8-3-72 Halbach 8:45 ON

8/3/72 Halbach 1:45 - 4:30 AM
Very good Aurora - quit 3:00 AM.

8/4/72 25 Var. Out 4:30
Albrecht 11:45 AM Out grass.
closed at 3:00.

Wagner - 5:30 P.M. - 10:45 P.M.

8-4-72 Lindemann 8:15p 11:00p ~~Possible Aurora~~
Paul Mann in 9:07 out 11:20 37 var

5 AUG 72 Wagner 6:00 PM - 7:00 P.M.

8/6/72 Ken Kreh ^{5:00 PM} Halbach - 2:00 PM - 6:00 P.M.
Wagner 3:05 P.M. - 6:00 P.M.

8-7-72 Open House

Wagner	Lindemann 5:45
Targrey	Albrecht
B. AWE	Ken Miller
Grundmann	
Deutsch	
Pfannerstill	
Paul Borchardt	
Kwley Wagner 7:45-	
Sanf 7:45	

8-8-72 11:30pm John Asztalos viewed an aurora
Perseid Meteor and
photographed Skutumpah (M11) and Cygnus

out 1:45

8/9/72 3:30 P.M. Albrecht. out grass
and poured concrete for Comet
seeker foundation. out at 5:45 P.M.

6:30 TOLLER Ken Kreh
IN-7:15 PFANNERSTILL & BORCHARDT 9:00 - OUT
Targrey, Marg. Tom Miller
Wagner Leroy M. Halbach

10:15 P.M.

8-11-72 ~~Kist~~ Lindemann - For Meteors. 8:30P - 10:35P

John Jafato
Paul Borchardt 8:55 10:30

Gregory W. Pileggi 8:55

E. Dohlmay 8:55

Gregory W. Pileggi 8:55 10:30 - 10:30 - CLOVERD

John Jafato 8:55 10:30 OUT

8/12/72 Grasse with Juniors - in: 08:00PM out:

Paul Borchardt 8:15 10:55

Paul Borchardt 8:15 - 10:55

John Jafato - 9:30 - 10:55

Lindemann - Kister 8:15P - 11:00P

8-13 Halbach - 9:30 AM - 5:30 PM

Worked on comet seeker

8-14 Open House

Lindemann 6:15PM 10:00PM
(Note: Found safe unlocked)

Wagner
TOELLER
Pannerstill
Snyder
Kurt Miller

8-16 Pannerstill } Ken Kuhl 6:30 -

Borchardt } 7:30 - 9:30 TOELLER
Tongue 7:00 - 9:45 10:05 OUT

8-17 Lindemann 2:35PM to 3:00P
Concrete pipe for Comet Seeker delivered.

8-19 Kurt Miller 9:00 OUT 9:35PM

Paul Borchardt 8:30 OUT 9:35

Paul Borchardt 8:30 9:35

Wagner 7:15 - 7:30 P.M.

20 Aug 72 Ry James Replaced Switch
in Lecture Hall
7:00 PM - 8:45 PM

21 Aug OPEN HOUSE

Gannerstill & Lindemann ^{out 11:10 PM} 6:00 PM
Marianne & Mary Derry
Lind Miller

Turner Ross in 6:30 out 10:30

Toeller J + T 6:00

Grundmann

7:00 PM

Deutsch

11

AWE

11

21 Aug Christopher shift in 7:25 P.M. - 9:45
Paul Bernhardt
Sawyer

John Hawley ^{6:30 - 10:30} 7:15 - 11:00

8-22-72 1900 hrs/2200 Routh Group of 30 Radio amateurs

8-23-72 J. Tails scope work PARTY 700 - 9:15

8-24-72 Turner Ross in 7:25 out 8:35
Observed Jupiter, condition poor.

8-25-72 Board Meeting.

Lindmann 7:00 - 10:30 P

Toeller - Collins 7:20 P

Nigel & Mary Armstrong
Turner Ross

8/27/72 Brian Hwe 9:45 - Mow lawn

Turner Ross in 1:55 out 2:10
8/29/72 Tangney in 4:15 to fill car tank
out 4:30

8/27/72 Pfannestill & Pilugin IN - 7:40 PM
 Turner Ross in 8:40 out 9:10 out 9:15
 "B" scope door needs rebuilding,
 UNABLE TO CLOSE it.
 John Angelen - 700-10000 observed Jupiter

8/28/72 OPEN HOUSE

Pfannestill, Lindemann & Boechardt IN - 6:00
 Turner Ross out 10:30
 Miller
 Christopher Shaff in 7:00 out 10:15
 JOELLER 700 /
 Grundmann 7:00
 Deutsch 7:00
 B Awe 7:00
 Tangrey 7:10
 A. Brulotte 7:40
 Doug Wiedemann
 Harry Whelan
 Mark Pittelkow
 John Burke
 } NICOLET
 HIGH SCHOOL 71

8/29/72 Pfannestill IN - 7:10 OUT AT - 9:15
 observed Jupiter & Practiced variable observ.
 Turner Ross in 8:40 PM out 9:15
 8-30 Haeckel - Variables 7:50 - 11:00
 R Mac Lane in 2 P. out 3:30 P. Little H.
 Ed H. & Tom Miller
 JOELLER 630
 Tangrey } worked on
 12-10" scopes

9-1-72 Turner Ross in 2:35 PM
 Rega Warchel
 Observed & photographed Sun.

- 9-2-72 Terence Ross in 1:30 out 3:00
Roger Worchel
- Habach in 2:40 pm out 5:30 Comet seeker
~~_____~~
- Hall in 7:50 for Junior out 11:25
Grundmann
- 9-2-72 ~~_____~~ Borchart 7:50 - 2:30
- 9-2-72 ~~_____~~ 9:15 - out 11:15 PM.
- Kent Miller 9:30 out 10:15 PM
- 9-2-72 Brian Ave 8:15 - 12:10
- Therese Schmiedt 10:20
- Paul Murn 10:50 out 2:30 55 var
- Pfannerstill 7:50 - 12:00
- Observed Jupiter & 2 VARIABLES
- 9-2-72 Mike Deutsch 8:15 - 12:10
- 9-3-72 Terence Ross in 12:30 pm out 3:25 Painted sections of "B"
L MacLean in 1:00 PM. out 3:20 PM. Painted "B" Building
for shot
- 9-4-72 Pfannerstill in at 11:00. Borrowed "Photographic
Lunar Atlas"
- 9-4-72 R MacLean in 1:00 out 3 PM Painted for shot
Terence Ross in 1:50 pm out 4:15 Painted remainder of
E. Habach & N. Pileg 4:15 - 8:00, worked on
Comet seekers 8:00 - 11:00 Variables.
- 9-5-72 Pfannerstill in at 7:45 out at 9:40
Observed Jupiter & 4 Variables
- 9-6-72 Ken Krah 6:45 10:30
IN OUT
V. J. Torrey 7:45 PM 10:00 PM
10:30
- 9-7-79 Ken Krah 6:30 - 7:30
Picked apples saved off broken
branch on apple tree.

9-8-72 E Halbach & N. Pilugin 8:20-11:00
Conc. Shack Patrol camera clutch.

Pfannerstill & Bruce Klind in at 9:50 left at 10:30
Rennen in 12:20 - 3:00 AM - 20 var

9-9-72 Pfannerstill in at 12:45. Returned lunar atlas

9 Sept 72 P. James 1825 → 2230

open for juniors
Sally Jr 7:30 - 2:15

Pfannerstill in at 7:30 out at 10:50

Rut Muller 8:30 PM out - 10:40 PM

Sept 9/72 Brian Ave 8:40 PM. out - 12:15 AM

Sept 9/72 Jeff Grundmann 8:40 PM. out - 12:15 AM

Jimson Tobler 8: - 9:40

P Murn 8:50 - out 1:40 50 var

Paul Borchardt - 9:40 - 2:15

Thomas Schmidt

Bill Schwan

Halbach 1:30 - 5:00 AM

Sept 10/72 Rennen in 12:20 PM out 1:30 inst. nonstop
Sept 11 A. Branellette in 7:30 PM - out 8:00 left 24 Sky Observing

9-13-72 JOELLER Albrecht Ken Zahn 7:30

Pfannerstill & Borchardt. in at 6:30

Halbach. Out 10:00

out at 8:30

Hindemann - Watch for aurora. 845P - 925P N.E.

9-14-72 Pfannerstill & Borchardt 7:50 to 9:30

Observed 4 Variables & Attempted to use Patrol
Camera. Contrary to popular belief, the drive
on that thing does NOT track properly.

9-15-72 Pfannerstill, Borchardt, & Pilugin in - 11:00

Photography with Patrol Camera & out - 12:30

General Observing

9/16/72 Halbach, Albert Pfannerstill

to the 12:00 - 2:00 AM

Tom Renner in 7:30 PM out 10:30 ^{16 m. Board Meeting}
 Kent Miller 8:40 out 10:25
 Brian Ave 8:30 out - 10:30
~~Jeff~~ 9:30 - 10:30
 Jeff 9:15 - 10:30
 Jeff 8:30 out - 10:25
 Jeff Grunemann 8:30 - 11:00
 Paul Borchardt - 9:45 - 10:30
 Bill Schow 9:45

9/17/72. Thomas Schmitt 10:25
 Albrecht, Anne & Bill
 Al Klann, Sun City, Ar.
 Garnet Klann, Sun City, Ar.
 Tom Renner 12:30 - 11:30
 Halbach - 4:45 Raining - Out 5:00
 9-19-72 Halbach & Dekrain 6:15 - 9:30
 Worked on Comet seeker
 9/20/72 Albrecht, Foeller, Pfannestill, Borchardt
 Tongue
 9/22/72 Pfannestill 2:10 - 2:30 Photographed
 10" & observatory
 M. Pelugin & Halbach 6:25 - 11:00
 Comet Seeker.

FOELLER. 7:05
 Kent Miller in 7:10 out 9:30 PM
 Brian Ave in 7:10 out 9:30
 Mike Dextsch in 7:10 out 9:30
 Jeff Gruneman 7:10 out 9:30
 MAS Board Meeting 7:30 - 10:30

9-23-72 Kuehn, Lindemann, Weiss
 Painting Eaves & Floor. 8:57 - 11:55 AM
 Ken Koch 9:30 - 12:00 Painted Comet Seeker Frame

9-24-72 Tammie Ross in 8:00 out 9:20
 Russell J. Jones in 8:00 out 9:20
 Halbach - Erected Comet pipe & worked on

26 Sept 72 R James : 1820 - 1835
Picked up Graze Equipment
Halbach 8:00 - 9:45
Picked up 6" and 12" in grove
Sept 27 Ken Kohn Paint Secker frame yellow
R James 2000 → 2115
Adjust Patrol Camera
and take check Photos:

9-28-72 Lindemann & Pfannerstill in at 4:45 - 8:30P
Worked in Quonset. Left at 5:30
Moved material to east side.
Painted west side of floor.
Tangney 6:45P - 8:30P

29 Sept 72 R. James - 1900 → 1915
Returned Graze Equipment.
Kuntzsch 4:15 out - 5:17 AM
Ken Kohn 200 AM - 5:00 AM Graze
Halbach 4:50 - 6:05 18 Vanatta.

10-1-72 Halbach - 10:00 - 4:45 Cometraker
Pfannerstill - 4:30 - 6:00 Painted
Frame on Camel Secker.

10-1-72 Turner Ross in 6:10 out 7:30
Renner MURN in 7:18 - 10:40
Tangney's in 7:25 - 9:45
10/4/72 Albrecht & Joeller.

10-5-72 H Lindemann 130P - 155P
Retrieving my masonry drill from sofa.
Moved bookcase back in place.

10-6-72 Halbach 9 - 12:30 50 vanilla
10/7/72 Saturday Albrecht & Joeller. out
Pfannerstill - 11:00 - 3:00
Halbach - 10:00 - 4:30
Albrecht 9:00 - 4:30 Cometraker foundation

7 Oct 72

R. James : 1830 → 1955

Patrol Camera Check Photos

P. Murn in 8:40 out 1:15 41 var

B. Ave in 8:40 — out 1:00 1201

M. Deutch in 8:40 — out 1:00 411

H. Williams in 8:40 out 11:45 PM

Thompson & William Schmudlberg on 11:59

Hindemann 12:08 PM 10-8 - 4:30 P

Pfannerstill, Samolyk & Borchardt 12:15 AM — IN

Translation experiment for Draconid

OUT 10.

Meteor Shower.

Sample out 4:15

Thompson & Lind Schmidt out 4:15

ANY MAS MEMBER WHO LISTENS TO NICK
 PILUGIN WHEN HE PREDICTS METEOR
 SHOWERS OUGHT TO HAVE HIS HEAD EXAMINED.

Pfannerstill & Borchardt 12:15 AM TO 10:00 AM

Halbach — 11:00 — 6:00 76 var

10-8-72

P. Murn in 9:30 AM out 12:00 P

8-10-72

Vigil target & family in 6:25 PM (Time Target)

middle fork on west side of chain

unfastened out 9:15 PM

10-8/72

Renner in 11:00 AM — 2:30 23 var

10-9-72

Turner Pass in 6:30 pm out 6:55

observed Jupiter

Halbach 8:30 — 9:45 18 var

clouded out

10/11/72

Albert 10:00 AM. — 13:00

closed open area around ceiling ventilator
received shipment of 140 Plano Posts.

10/12/72

P. Murn & family picked apples 5:30 — 6:30

10-12-72

Lyndemann 6:15 P

Assist Halbach Group Visit

Halbach

8:00 — 10:30

10/14/72

Albert Pfannerstill 9:00 — 3:15

10/14/72

G. Ave — M. Deutch — 9:15 — Fence — 3:15

Drive 93 P. out

10/14/72 Rhinverstill IN at 6:00pm left at 7:15
Visual & Photographic Observations of Moon
Tape recorded visuals of Proclus, Aristillus, Descartes &
Hyginus Rile.

Murn in 7:45 out 1:15

10/14/72 7:45 John Bayley
7:45 Geoff 8:04 1:15

10/14/72 Chris Shuff in 7:45 out 10:00

Regina Ross in 8:00 out 8:15

Kurt Miller 8:25 out 9:45

Dina Schmidt 10:08

10/13/72 Halbach 3:15 - 6:20 (50var)

Ken Kohn Painted Ring for Comet
Seeker yellow couldn't get plastic on

10/16/72 Tereza Ross in 6:30pm out 7:00

Remen in 6:45 - 9:45 astro class
10:20

10/17/72 Albert. Turned off outside water and drained
all underground lines. Turned on heater
in Toilet rooms and in dark room.

10/17/72 Tereza Ross in 6:50pm out 7:20

10/18/72 Murn in 6:15 out Ken Kohn ?

Larry Nedemeyer 7:15

Tonguey Vigil 9:00pm in 7:00pm out 9:30

10/21 Halbach 11:00 - 5:45 Comet Lake
Remen 3-5pm

10-23-72 Lindemann 1:45p-2:30p Re-mounted moon maps.
Murn in 4:30 out 9:00 worked on "A" scope
Remen 7:00pm

10/24/72 Murn in 4:15 out 6:10 worked on "A" scope
10/25/72 Joeller, Albert, Ken Kohn 12-10" scope
Halbach out 11:00

10-26-72 Ranch - 6:30 AM 8:30 AM Hays R.S. Hirsch (30)

10/27/72 George A. Seiler dry run with Al Brubaker

10/28/72 Halbach & DeRouin - Comet Seeker
8:00 - 11:00

28 Oct 72 Wagner 12 - 3:00 - fix B done done

10/30/72 Albrecht. 9:15 AM. Delivered books from
Prinslow

10/30 Renner Murn Toeller

11/1/72 TOELLER ALBRECHT Kim Krah

Dan Mademayer

Ed Halbach Nicholas Pilugin 10

Tongue IN 7:15 PM OUT 9:30 PM

Renner

11/2/72 Ranch - 7:00 PM / 9:00 PM Hays 40 Hail Alerts

11/3/72 Tongue IN 6:20 PM

Halbach, Albrecht, Lindemann, Toeller,

Halbach Comet Seeker 6:30 - 12:15 AM

11/4/72 TOELLER WORK on done 7:45 - 8:45

11-5-72 Pilugin, Halbach 7:30 - 10:05

11-9-72 Ranch - 6:30 PM / 8:00 PM Hays 42 Hail Alerts

Pannerstill IN 7:00 TO WORK ON

COMET SEEKER OUT AT 10:10

Halbach - 7:00 - 11:00 Comet Seeker

11/11/72 Albrecht 9:00 AM. out 10:30.

removed mower attachment for repair

removed battery from mower

strung light iron wire around

west and north fence line (temporary)

11/11/72 Pannerstill & Borchardt in at 7:05 out 9:30

Double in 7:30 out 9:00

11/12/72 Halbach - Comet Seeker 7:00 - 11:00 PM

11/13/72 Halbach 11:00 AM. Looked for two chains

11/13/72 Murn - 6:46

11/14/72 Kim Krah FOUND BACK door OPEN

11/15/72 Nicholas W. Pilugin Borchardt

Back in, SOT day

11/16/72

Pfannerstill in at 8:30 AM out at 11:30 AM

Used the extreme quiet of the MAS Observatory to write in "A-plus" English term paper.

11/18/72

Rannas - 2:30 PM - delivered by/out carpet for comet pecker.

11/19/72

Hallack & Pfannerstill 1:00 - Comet Saker
out 6:30
Pilsch 6:20 - 7:00

11/21/72

Albrecht delivered braces for fence. 11:00 AM.

11/23/72

Ken Krazy 6:30 - 9:00 PM
Dyke & Salasman 6:30 - 9:00 PM
M. Pileggi & Halbach 7:30 - 11:15
Comet Saker

11/23/72

Chris Sholt 10:55 PM 12:45 PM
John Bond 11:00 PM 12:45 PM
Paul Brant 11:00 PM 12:15 PM clouds

11/24/72

Pfannerstill & Bouchardt in at 5:45 PM

11/25/72

OUT - 2:35 PM
Albrecht in 9:00 AM. out @ 4:00 PM.
Vogel Schotten 10:25 out at 2:00 PM
Pfannerstill 10:45 AM left at 1:30 PM
Halbach 9:00 - 5:00

11/27/72

Schoon 7 PM 10:15 out

11/28

Halbach 6 Var. 10:00 - 12:00
Back door open

11/29

Albrecht, Whum 6:30 P.M. Halbach, Tangway.
Turner Ross in 7:49 out 8:30

12/1/72

Albrecht 12:30 P.M. Sean delivered fencing.
Left at 2:20.

12/2/72

Brian Awe 10:30 Put up fence
Mike Deutsch 10:30 Put up fence
Albrecht - 12:45 - 3:00
Pfannerstill - 2:30 - 3:15
Halbach
Taeller 10:00 - 3:00 Fencing.

- 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-scoops 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