

- 11/18/67 Uparsky & Halbach put ~~new~~ plastic windows
in east side of furnace 9:30-5 Temp 40°
- 11/25 Uparsky & Halbach 10:00 - 4 PM.
Windows.
T. Thurner C BobBB + Gasptalos
Painted Dome for Thurner Reflect
+ began caulking joints
- 11/26 Uparsky & Halbach 1:30 - 5 PM
Completed exterior window work
- 11/27 Halbach 9 variables, 15°F
- 11/28 ~~Ran~~ Group 30 hours 7:30-9:30
- 12/3/67 Tangrey
Halbach 6:00-10:30 PM - 50 variables.
- 12-10 Uparsky 1:30 - 4:30 replaced screens
and inside storm windows.
- 12-13 Ranlan Dan + Steven Group 27 scans
7:00 AM - 9:30 PM
- 12-19 12:00 AM - 3:00 AM - Tom Thurner, Craig
BobB + dogs (membership status uncertain)
General Observation
Halbach 7-8 PM. 10 variables.
Dog is still waiting.
- 1968
- 1-17 Halbach - Temp 32° - Windy
1 occultation
40 variables
- 1-18 R James & Family Cloudy - 6:30 PM - 7:15 PM
Searched for Plate Cutting
Sign. Did Not Find

1-20

Mr + Mrs Virgil J. Torgny family IN out
 Check the Clock Drive on a telescope
 Keith Hall

Don Panthum

John Yorsky in 1:20 - 3:00 PM

Roy Pucka 6:45 pm - 2 months

Harry Wedemeyer

Bruce Puck

Wesley

David Street

CRAB BOBB

TOM SCHWARTZ

DOM GRIFTAS

Mike Corn

Ed Street

John Dyzalos

Don + Carol Panthum 11:30 PM

Beautiful night
 Temp 32°

1-27

Halbach 6 PM - 1 AM 64 varieties - 1 occultation
 Wm + Anne Albrecht 2:30 PM
 Checked telescope.

1-30

Halbach 6:30 - 11 PM
 40 varieties Temp 8 25° F

2-02

Halbach 7:00 - 11:15
 60 varieties High wind 20° F

2-03

COLLINS & JOMAS IN 6:00 OUT 1:30
 CLEAR TEMP 20° F

Don Panthum

Ronald Kunicki
 DAVID STREET

2-5

John Dyzalos IN OUT
 Virgil Torgny 6:45 PM 9:45
 1 occultation work on mount A telescope

- 2-5 covered. - Halbach 7:00 - 10:30
1 occultation 7 variables -
- 2-9 Halbach 7:00 - 9:00 0°F Hi wind
3 occultations
- 2-19 Halbach 7:00 - 10:30 48 variables
Temp 15°F
- 2-24 Z. Gueken 7:20 1145 Open Observatory for Jim
Steve Reader, Mike Dyer
- 2/25 Allright, Tangney, Halbach, Klamm
- 2/25 Preparation for Photographing Scars 1:30 - 5 PM.
about 12 present
- 2/29 6:37 217. Some variables with E-
Halbach. Temp 25°
Halbach 7:00 - 11:30 50 variables.
- 3/1/68 Zit in 7:15 - out 8:00
Testing new 35mm camera adapter?
works! strong clouded out.
- 3/2/68 Zit in 5:40 Clear - to test photo equip.
8 occultations on the list for tonight!
Zit in @ 1810 for Jones session. Jim Dayton, Doug Jones
John Hancock Steve Reader Mike Dyer
Karl Stenel John Asztalos Tom Schmitt
D.J. Olson
- 5/2/68 Zit @ 0015. OUT 10:40
Zit in 6:50 mild weather probably 40°
Lunar photos; Jupiter - No occultations
- 3-6-68 John Upansky 7:55 - 11:00
SCHMIDT. - in at 8:00 out at 11:00
CHAS. G. LEONARD in at 8:00 20:00 out at 23:00
YARD LIGHT IS OUT.
- 3-8-68 Vigil Tangney. Mary Ann Tangney in 6:20 out 8:30
16 occultations { Zit in 7:02 - 10:55 303 occultations
John Upansky in 9:30 - out 2:15 CLOUDY
Halbach 9:00 - 12:00
LAST 3 CLOUDED OUT.

- 3-8-68 VJ & M.A. Tanguay ⁱⁿ 7:00 PM ^{OUT} 10:10 PM
 Edith Dwyer Margaret Tanguay 7:00
 Al. & Anne Brinnette in 7:15 - 10:10
- 3-8-68 Mary Lyons 7:30 PM - 10:05
 Kristen Johnson 7:45 PM - 10:05
 Susan Sawyer 7:45 PM 10:05
- 3-10-68 al. & Anne Brinnette in 2:00 PM - 4:30
 David Street John Uparsky } Deane
 John Uparsky } Program
 Edith Dwyer }
 Zitt out 4:15
- 3-12-68 Zitt in 7:20 - 10:20, to much moon
 out 8:20
- 3-13-68 Zitt in 7:40 - do 1 occultation 99% to Lema
 Illumination, tough one to do. NOT SEEN
 M46. 7.9 - out 8:25
- 3/16/68 GLASER - FOR JOMAS SESSION - IN 6:50 PM CST
 Tom Schantz John Antalos Steven Reader
~~for~~ Jerry Berens Tom Durkin 8:00, Mike Hager
 Ed Stahl 9:30 PM David Street, Steven Reader
 GLASER OUT 10:30 PM CST
- * 1 - STOP-WATCHES MISSING - WILL CHECK FURTHER

- 3-20-68 John Uparsky in 2:30 out 3:30
 worked on Buckstaff Telescope
 and borrowed last remaining
 stop watch for the grazing
 occultation.
- 3/24/68 Icarus Meeting
 Halbach Uparsky
 Albrecht.) about 12 persons
 Zitt - Zitt out 4:20 present.
 returned 1 stop watch to safe J. Uparsky's
- 3/28/68 Halbach, Zitt, Brinnette, Uparsky, Antalos
 Albrecht. Adjusted Telescope "A"
 true on North Pole of sky. out 10:15 PM
- 3/29/68 Ringel & Mary Ann Tanguay 7:00 PM 11:15 PM
 Margaret Tanguay 7:00 PM 11:15 PM
 Mary Jo Lyons 7:30 PM - 11 PM
 Joan Engel 7:30 PM - 11 PM
 Leo W. Lyons 7:35 PM - 11:00 PM
 3/29/68 Kristen Johnson 8:00 PM - 10:30 PM

3/29/68 Susan Sawyer 8:00 p.m. 10:30 PM

The telescope would not track.
I feel that possibly the
polar axis brg. is too tight.

3/30/68 Zet in 6:05 Two (Ringiltargrey)
occultations, drive trouble. —

Too bright to even observe. terminated well.
out 7:00 Steve Reader, Mike Hagen, John Ayler

Tom Schmitt

Craig Bobb Bob Stenel Dove Olson

Ed Harkish - Supervisor

3/31/68 Ringiltargrey IN 6:15 PM OUT 7:15 PM

1 occultation still only one

4/1/68 Zet in 6:10 for occultation. furnace

blt on. 4 occultations Zet out 9:15

E. Harkish - 7:00 - 10:00 16 variable

(350F)

4/5/68 Zet in 6:45 7 occultations out 11:20 - Cold

6 occultations + 15°

Mrs. Targrey in 7:05 out 10 PM

Margaret Targrey in 7:05 out 10 PM.

Blondine Bruiette in 7:25 out 10 PM.

4-8-68 Harkish 7:30 - 11:00 4 occultations

4-8-68 CHAS. LEONARD 8:00 2 occultations out at 11:30 AM

4-9-68 Hindemann with Group 7:00 - 9:45 P
Pole light is not working.

4/12/68 David Street,
4/12/68 Greg Latch

4/13/68 1830 - 1635 Removed log
book from observatory to check
for last person using the
Prime Focus camera, to
see if we can locate the
Plate cutting jig.

R James

4-14-68

0950 - 1010

R James

Returned this Book to
observatory. Will check with
all recent (Back to 1960)
users of Prime focus Camas
for location of Plate Cutters.

4-14-68

11:30 - 6:15 PM

PAINTED DOXE

T O'Dell D GRIFFITHS

T T TURNER

4-16-68

Albrecht, Walbach, Schaffer Out 8:30
D Griffiths, T. Turner Out 8:40

4-17-68

D Griffiths, T. Turner, R. Gutbrod

Removed Remaining Forming plywood
from under the Bearing Block of
the Thurner 20" + Painted
7:50 PM - 9:25 PM

4-18-68

T. Turner 1:30 PM - 2:15 PM

Brought out Supplies +
captured was to be etc.

4-18-68

Tom Turner 8:00 PM - 9:45 PM

Worked on Thurner 20" +
Brought supplies out + observed
Jupiter + Uranus with the
Binocular

4-20-68

T. Turner T. Schwartz

T. O'Dell J. Hestenes

Put lower dome on slit of
20" dome + brought out chamber.

Steven Berger

KEY HOLDER

4-20-68

David Stuart

JOHN UPCASKY

JOMAS

MEETING

Don Griffiths

Dore Dean

John Angulo

Mike Daper

Tom Schmitt

IN 7:30

OUT 10:35

4/21/68 T. Thurner C. Rhodes J. Asztalos
Sanded + Painted part of the
20" dome 11:00 - 4:25 PM.

4-21-68 E Walbach - 6:00 - 10:30 PM.
Ningil Tangay 6:50 PM 9:40 PM
Al. Bravillette 7 PM. John Upas 7:45 - 10:30
Wallach.
R. James 18:50 - 21:15
2nd in 7:15
E. Hall & R. Hall 18:50 - 21:35

4/22/68 T. Thurner + D. Griffiths 6:30 PM - 8:00 PM
Sanded + Painted Part of the Thurner
dome + worked on second door for
the slit.

4/23/68 T. Thurner + T. O'dell

4/25/68 T. Thurner T. O'dell J. Asztalos 7:30 - 9:30
Observed Jupiter^{Uranus} + worked on the dome
for the 20"

4/27/68 T. Thurner T. O'dell D. Griffiths
J. Asztalos 11:30 AM - 7:00 PM

4/27/68 H. Lindemann 6:30 PM - David Street,
John Asztalos, Bob Stenel, Tom Schwartz
Halbach 11:45 - 4:15 AM 49 variable

4/28/68 Ningil Tangay ^{IN} 3:00 PM
Family Picnic

4/28/68 T. Thurner C. Rhodes D. Griffiths
~~4/28/68~~ J. Asztalos 2:00 - 4:00 PM

4/29/68 T. Thurner 8:00 - 9:30 PM

Worked on Doors for Slit.

4/30/68 WB Allright 6:00 - 8:00 Cut some grass
 Met with Pipe Line Company Rep.
 (North door was left open.)

Halbach - 7:30 - 11:30 35 Above student.

Zit - 8:15 - 1 occultation Occultations 15 var.

Kodacolor - Jupiter 35 mm

5/2/68 Langrey ^{IN} 8:10 PM ^{OUT} 10:00 PM
 occultations

5-2-68 John Uparsky IN 10:30 OUT 12:10

OCCULTATIONS Mrs. John Uparsky

5-3-68 Langrey ^{IN} 7:20 ^{OUT} 10:30 Margaret Langrey ^{IN} 7:20 ^{OUT} 10:30
 Anne Bronillette ^{IN} 7:25 ^{OUT} 10:30 Kirsten Johnson 7:40 PM 10:00 PM
 Invar. Lenses 7:40 pm - 10:00 pm. serious

John Uparsky IN 9:30 OUT 12:05

3. Occultations ~~with~~ HAD TO

QUIT - TOO HAZY NEAR MOON

5/4/68 T. Schwartz D. Griffiths T. Thurner
 10:15 - 3:00 PM

Worked on Second slit door to the
 Thurner 20" dome

5/4/68
 11:15

John Asztalos In 7:40; 1st MAS Meeting
 Stephen & Carolyn Kliman 7:30 - adults in chge
 Boarded out..... Left - 8:30 A.M.

5/5/68 T. Thurner D. Griffiths
~~5/5/68~~ C. Bobb + J. Asztalos

Worked on dome for 20"

11:00 AM - 4:30 PM

5/5/68 Virgil & Langrey ^{IN} 7:00 PM ^{OUT} 9:35 all out 10:00 PM
 Anne Bronillette in 7:10 Out 9:35
 David Street) Albin - Anne Halbach
 3rd.

5/14/68 Al and Anne Brundetto - 7:30 - 10:00
 King & Tim Tongue 8:30 AM out 2:00 PM
 David & Anne Brundetto 9:00 AM
 John Uporshy 9:00 3:40
 Carolyn & Steve Kliman 10:00 AM
 Lew Riley in 9:30 AM
 Clarence E. Heris in 8:45 AM
 Milton Jaeger, Nowacki, Rubin
 Halbach 8:30 - 2:30
 GARY NEDEMEYER 10 - 3:40
 David Street and Greg Latsch
 3:00 -
 John Uporshy 7:00 - 8:00 cut grass
 Carb. loose on mower.

Moved 25 trees

5/15 Halbach 8:30 - 9:15
 Removed Tnt tracks
 Added spring left to trap door

5/17 Don + Carol Kanitz 3:30 P - 5:00 P
 Cut Grass - Mower NEEDS Oil - Grease
 & Carb. rejs.

5-18 John Uporshy 9:00 - 11:45 made
 temporary repairs to mower &
 cut grass for 1 1/2 hrs.

5-19 John Uporshy 12:20 - 2:30 cut grass

5-19 Mrs Uporshy 12:30 - 2:30 PM
 cut grass edging along
 entrance and side of building on breeze

5-19

IGARUS MEETING

Gregory Latsch, David Street, John Asztalos
 Al Klamm - Ed Halbach John Uporshy
 at meet.

5/20

Got in 8:00 CDT EVENING PICTURES OBS. GRID
 Halbach 37 - first test plate for Icarus
 program 5 min exposure. 15th MAG.
 SEEING - AVERAGE

- 5-21 John Uporsky & Sister cut grass
and thinned around trees
in 1:30 - out 3:40
- 5-21 Don & Carol Rant cut Grass in 3:30 P out 5:00
- 5-21 R. James Ruth & Peter 2015 -
checked Parts for Grinding
Machine
- 5-22 Herbich & Meth. made 3 test exposures
for Deane
- 5-24 Bit in 9:05 - mounting camera & equipment
2 test exposures for Deane, Fargo
out 11:40
Hollow in 11:10 out 11:30 AM
4 more test shots - clouds
- 5-31 King & Mary Ann Torrey IN alt
6:00 PM 6:15 PM
Checking books for Open House
- 6-1 James & occultations Mike Payer,
John Rydberg, David Street,
John Cristalos 4 of 5 occultations
out 12:25 AM
- 6-2 22 Bulletins family 7:00 PM - 10 AM, OUT
- 6-2 King & Torrey 7:15 PM 10:30 PM
- 6-2 Earth Hall & Bob Hall
Pulling grass around trees & Deane mtg.
John Uporsky 5:30 - 12:40 cut grass
& Deane mtg. LATE OCCULTATION
Albrecht - Neahr
Herbich 5:00 - 7:30 cut grass
out 11:30
- 6-3 John Uporsky closed Buchstoff
home. (unoperating last night)
Mrs John Uporsky supervised
in 6:30 out 8:00

- 6/4 Zit in 9:30 with guest - Out 11:40
3 - occultations
- 6/4/68 ~~Smith~~ 12:00 Noon 4:00 Cut Grass
Belt broken on riding mower =
- 6/4/68 Virgil & Mary Ann Tangney 9:45 PM 12:15 AM
3 occultations
- 6/6/68. Halbach, Albrecht, Schaefer.
Made agreement for pipe line.
Left at 9:00.
- 6-8-68 Bruck 7:45 Jones mts. David Street
John Upinsky
poor (FOUND THE Safe open) Decked out 12 month
- 6/9/68 Al and Anne Bronillette - 7:20 -
Garth Hall - Icarus trig Survey
Virgil Tangney 7:45 / 10:00 Albrecht.
- 6/12/68 John Upinsky Ed Halbach, al Blann.
Albrecht. 6:45 IN OUT
Virgil Mary Ann Tangney & family 8:30 11:45
- 6/12/68 David Street Greg Latsch
Al and Anne Bronillette 9:05 Tom Durkin
GARTH HALL + BOB HALL J. Upinsky
930 ICARUS (6:30 - 10:15 P)
- 6-13 John Upinsky worked on mower.
found satellite dome open!
Virgil & Mary Ann Tangney 9:30 PM out 10:20 PM
- 6-13- H. Hindemann with Sentinel Reporter
& Journal Photographer, 7:00 PM - 10:00 PM
Note: Found door on 10" unlocked and
ajar about 1 inch. Locked it.
- 6-14
6-15 John Upinsky 2:00 - 5:00 Worked on
power mower - without success -
cannot keep carburetor attached
to motor block.; David Street,
Greg Latsch Anne al Bronillette
Virgil & Mary Ann Tangney Out 1:30

6/15/68 Allrecht out grass 4:30-8:30 PM.
 Schaffer 8 PM. - Klamm - 8 PM.
 all out. 9:15 Rain over Cast.

6/16 Effalperch 6:00 - 10:00 Mowed park
 Greg Latsch 9:15 - 10:00 shot
 Klamm - 10:00 - 10:30 at school, tennis
 park

6-18 D. Carter Group 7:00 PM TO 10:00 PM opx 23

6-19 Virgil Strong + family 9:40 PM - out 11:00 PM
 a. Brundage 7:00 PM - 10:20 PM

Jack Hall, Jim White - James

6-22
 Friday

Greg Latsch - Meeting
 Randy H. - Meeting.
 MFS Meeting - 30 present
 Halbach out 12:00; David Street;
 Greg Latsch

6/22 Sat.
 C. Simons 7:00 James nite. out 1:05
 P. Stenel, John Asfalos, Greg Paulson
 Gene Paulson

Julian
 Day

2,431,030

Paul Kaymas
 Louis Kaymas COMET WHITTAKER-THOMAS SIGHTED
 at $15^{\circ}40'$ decl., $15^{\circ}30'$ R.A. in Serpens near Beta Serpens.
 faint, 10 mag., nebular object (THOMAS STRIKES AGAIN!) - John Asfalos
 John Thirke 11:55 - 1:05
 Halbach 1:00 - 4:05 27 variables Jpg.

6/25/68 D. Carter Group of 25 8:00 PM TO 10:00 PM

6/30/68 R. James Ruth & Peter 1400 - 1415

6/30/68 Albrecht Anne & Bill Had Picnic 16:00-18:30

7/1/68 8:10 Jit in finally after Rain - Jit out 11:15
 Halbach in out 11:00 Basket of Jit Spudger
 John Asfalos Dave Street

7/4/68 Jit in 7:55 75° occultations double out
 had wonderful fire works display -
 out 9:50

7-5-68 Al & Anne Bronillette - In 8:00 PM, Out 11:40
 " MA + V. J. Tangney In 9 PM out 11:40 with 2 children
 Margaret Tangney In 9 PM out 11:40 with 2 children
 Zit in 7:40 COT 3 children on tonight get
 the eipices from the Buckstaff one
 in the safe

7-6-68 BUCKSTAFF Dome FOUND
 OPEN. MIRROR IN TUBS (4) MAS
 John Asztalos, Phil Stencil, Craig Bobb
 Steven Reader Mike Kaydon

7-7-68 Who was responsible / Keyholder?
 REFER TO 7/1/68

7-7-68 Cover on mop/watch scope
 found open PLEASE

Halburd + Tangney family 2:00 - 5:00
 Moved lower, closed Buckstaff
 dome. - heart started at top
 of dome was rusty - needed a
 drop of oil.

7-9-68 V.J. + MA. Tangney - 6:15 - 8 PM cut grass

7-10-68 Zit in 7:30 63° clear transparent sky - 1 child
 Zit out 10:30

7-11-68 Tangney's 1:15 PM - out 3:15 PM cut grass &
 thinned around trees

7-12-68 Al & Anne Bronillette 8:10 - out 9:50
 Tangney family 7:20 - out 9:50 very poor seeing

7-13-68 King & Tangney IN OUT
 (keyholder) 8:00 PM 11:15 PM
 David Street, John Asztalos
 Zit in 8:15 out 4:15 12:10

King & Tangney
 Craig Bob & Tom show out a pickup
 up some equipment for a Camar
 from the closet

7/13/68 These are back at the Buckstaff
now

7/15/68 ^{3:10} in 7:53 81° 10% cloudy near perfect night
13 variables saw 14.0 magnitude.
out 12:23

7/16/68 Mr. Halfack & Terrence Gross
7/18/68 2:10 in 8:25 80° 15% Cloudy Showers predicted
Dewy fair-good 12 variables. Out 12:12

7/19/68 2:10 in 9:30 71° 0% Clouds seeing 6-7
out 1:08 10 variables 14.3

7/20/68 Albrecht out again 7:30 AM - 11:30 AM.

7/20/68 Stay & Charles Kleinman 3:00

7/20/68 Greg Lutsch 5:00 David Street

Mrs. & Mrs. J. Uporsky

W. Balch. Jeanne David Brindlette

2:10 in 4:40 - out 11:20

7/21/68 Tangney - returned 5" refractor & Seyepian
etc. 3:00 PM.

7-22-68 MR. & MRS. UPORSKY TOOK 2 CASES SODA
& 3 CASES EMPTIES 4:00 - 4:15

7-22-68 Greg Lutsch - Open House 6:45 - 11:00
Alexanne Brindlette John Anstales
Gary Wedemeyer - Open House 4:15 to 6:00
Weather:

Partly cloudy; temp. 65°
Jerry Glaser - O. House - 6" telescope

Paul Kottow

Timothy Stone 8" telescope on the run off shed

Hendemann

Limand

7/22/68 Terrence Ross, Roger Werdal

7/25/68 2:10 in 9:55
out 12:47

7/25-26/68 Terrence Ross, Roger Werdal: Weather
conditions got worse
at 2:15

7/27/68

UFO - MAS

JOMAS - Dave Olson, Bob Sten

Ronald Kurnick

Zit in 8:50 over cast ^{out 12:15} OCCULTATIONS IMPOSSIBLE TO RECORD

Lsg. Hutsch 8:30 Attempt

John Gostalos - Worked on Patrol Camera

Harry Wedemeyer - took pictures

David Street - N. American

Long shot taken with Patrol Cam

Later attempts clouded out.

7-28-68

Tangney in 8:30 out 7:15

Zit in 8:40 out 1:20

18 miles.

5" replica - specimen for
upcoming group. Picked
up 2 holes & pills -
labeled Milton.

7/28-29/68

Terrence Ross, Roger Worshel

Conditions excellent.

Observed Meteors from 10:50 to 3:00

7/29/68

OPEN HOUSE - "A" Scope

COVER Left Off

David Street - Anne & al Braille

Mr. Lindemann

W. Collins & J. Limand

V. J. VMA Tangney

7/30

E. Halbach, Ignas Claeys Bouwens of
Belgium -Took cable trailer and Macek telescope
home for grove of Aug ~~July~~ Aug 1.

7-31

Halbach, Zit.

Reminded Zit 6" for grove

8-2-68

V. J. and J. A. Tangney in

7:45 out 10 PM

eyepieces, etc. M. Tangney

at Braille Anne Braille - in 7:45 - out 12:00

Susan Sawyer 8:40 p.m. - 10:15 p.m.

See Soliwoda - 7:47 to 10:14 p.m.

9-3-68 Halburd Returned Zif cage.
Took stop watch # 5 home. 8:45-9:50 PM

8.5. Halbut - Repaired. eqpt 2:00 - 6:00 PM.

8-5 Open House, Hindemann, D. Street
 Greg. Latsch, L. Simandl, W. Collins,
 "Zit in 8:10 7:10 10% clouds"
 THANKS FOR RETURNING BLANKETED
 Tom Schwartz, Craig Bobb,
 John Asztalos
 W. Collins & L. Simandl

8/10/08
John Anzalone, Mike Hager
Gary Wedemeyer - swept meeting room
Doug Elmer - swept meeting room
David Street
Gregg Jatsch, Steve Reader
Tom Schwartz, Craig Bobb
LEFT 7:30 AM Came 7:30 PM

- Open House
- 7 { 8/12/68 Greg Lintech Open House
H. Lindemann
Tom Schmidt, Craig Boett
8/12/68 Kathy Schmidt, Burk, M. Wagner
Paul Rayma -
8/12/68 W. COLLINS, L. SIMANDL, Lindemann
~~Greg Lintech, D. D. Street~~
- 8/13/68 Zit in 7:10 fair 80° - 25 VARIABLES
OUT 2:00 AM SAW 13.9006
- 7 8/16/68 Zit in 7:15 for general meeting
Greg Lintech Meeting
David Street John Angalos
Randy Quinister
- 8/17/68 Zit out at 9:32
J.M. Shore using Bookshelf
Zit in 8:00 P.M. John Angalos -
Journal Venus band Jupiter at 8:00
Excellent!
- 8/17/68 Greg Rayma
" Greg Paulson
8/17/68 Greg Lintech - Cut Grass plus work
on Patrol Camera 4:00-12:30
W.J. COLLINS - KEYHOLDER
Took shots with Patrol Camera.
Cygnus, Sagittarius, Andromeda
- 8/18/68 Zit out 1:00 AM 30 VARIABLES
Mr & Mrs Albrecht.
Drove a steel pipe 75' east and
another 75' S.E. of N.E. corner
pipe of property. This will allow
replantment after pipe line is
in place and old marker is
removed.
- 8-18-68 Tanguay family in 2:00 PM out 5:00 PM Cut
grass.

8-19-68 Open House

✓ H. Lindemann, D. Street, G. Latsch
Found safe door closed but not lockedTom Schwartz, CRAIG BOBB, DAVID
STREET, JOHN ASZTALOS
Bill Collins, L. SIMANDL

8-23-68 ZIT IN 7:15 90° CLEAR

Terrence Ross

Roger Warchel

Greg Latsch

Dine Street

8-23-68 ZIT OUT 10:20 VARIABLE PRACTICE

Terrence Ross

SESSION

Roger Warchel

8-24-68 Virgil & Targrey checked paint supply
IN 8:20 PM OUT 9:00 PM

8-26-68 Open House. Lindemann, Latsch

Dave Street, Anne & Brumillette Gulligstein

8-26-68 W. COLLINS, L. SIMANDL, Tom Schwartz

Craig Bobb, Gary Wiedemann

Tony Blau using the 10" telescope

8-27-68 ZIT IN 7:15 60° FAIR

ZIT OUT 10:40 "NOTE" SAW 14.3 MAG ON

3 OCCASIONS 21 VARIABLES FOR TONIGHT

8-29/68 ZIT IN 6:50 - 63° FAIR - PARTLY CLOUDY.

⑥ EASY OCCULTATIONS ON FOR TONIGHT

MANAGED TO GET 3-

8-29-68 Terrence Ross

"NOTE"

Roger Warchel

John Asztalos

8-29-68 G. Hall in 9:15

M. Hall BOB HALL

G. Hall out 10:00

SUCCESSFULLY OBSERVED COMET HONDA 1968 C
CO-ORDINATES $3^h 20^m$ UT, $20^\circ 26'$ / $81^\circ 5'$
COVERING 6^m EVERY 30^m INTERVAL IN A NORTH EASTWARD
DIRECTION. NO DEFINITE MAG DETERMINATION MADE,
BUT GUESS NEULLEUS APP 8.5 -

R. Zit
- John Asztalos

11-11-1 12:50 - 5:30 AM COMARIBLES

9/1/68. Allrecht surveyed the pipe line project
2:00 P.M. where they ripped up our west line.
Found safe open.

9/2 Halbeck 7-10 PM. - Choral out
garage & returned my comp trailer

9/6/68 Tangneys 7:30 AM ^{out 10:30} Margaret Tangney ^{7:30}
Al & Anne Broutillette - 7:45-10:45 ^{out 10:45}

See Solivoda 7:50-10:35 (3:35 Greenh Time)

Kiki Johnson 7:45-10:35 ^{most appearance and appearance}

Ine Sawyer 7:45-10:35 ^{4 moons of Johnson?}

Girls tried for 3 appearances - made
one

9-7-68 H. Duckow & Son - 6:45 - Open observatory for JOMAS

John Asztalos, David Street
Greg Latsch, JOMAS meeting

Brought chemicals & cleaners & cleaned out the
rest rooms. - Closed 11:55 PM

9-11-68 ZIT IN 7:00 REMOVED 6" FOR GRAZE.

TEMP 60° FAIR - 14 VARIABLE out 7:30 PM

Tangney - in 7 picked up 5" refractory pieces
out 9:55

9-12-68 Pamthun Group 30 Scouts 7:00P - 10P

9/14/68 Allrecht 10:00 AM - 4:00 P.M. 10:15 AM - 6:30

Stephen & Carolyn Kliman 11:30 AM - 4:00

Halbeck 10-5 PM.

David Street help painted

Sary Wedemayer help painted

Terry Slaser help painted

John Asztalos help paint

Garth Hall 3-5:35 painting

9-14-68 1905 Richard Fink here for Jomas group.

Jomas members attending:

David Street

Terry Slaser

Sary Wedemayer

John Asztalos

Garth Hall

Richard Fink

Painting

9-15-68

in 9:15

out 4:00

Painting

Painting

9/15/68 Alhult. 10:00- walked on 5" Refractor mount.
 Al. Brouillette ^{IN} 11:15 AM. Out - 5:48 PM

9/20/68 ZIT in 9:20 - 60° FAIR ENDED ON R.A.
 CLOUDED OUT AT 11:36 12 VARIABLES

9/21/68 John Asztalos Race Street JOMAS?

Halbach - 7:30 - 11:30 20 variables

9/22/68 Virgil Torgny ^{IN} 11:40 AM ^{OUT} 11:35 Sailing boat, fog.
 returned 5" Refractor & picked up my
 paint equipment.

9/22/68 ZIT in 7:40 72° FAIR
 ZIT OUT 9:32 - 14 VARIABLES SAW 14.1

JULY 1ST - SEPT 20 TOTAL 203 VARIABLES

9/23 Halbach 7:30 - 10:30

37 + THOMAS 9:30 - 11:00

9/25 ZIT 6:20 - 11:45 33 variables.

9/26 Halbach 7:30 - 10:30 - 25 "

9-28 R. James 12:30 - 12:45 checking
 on Lights For Stairs

9-28 Steve & Carolyn Korman 2:45 PM -
 Alhult, Halbach, & Lambrecht. worked
 on easing dome rotation by
 removing roofing material, metal
 shut and replacing.

Had contractor grade parking
 lot and lay 4 inches of crushed
 rock on surface.

Halbach & Lambrecht out 7:30
 Electric Co. guests arriving - Cloudy.

9-29-68 R. James 12:55 to 6:00
 worked on Roof around the Dome
 Halbach 2:00 - 6:00
 Dome now is free running!
 Wonderful!!

9-29-68 Zit in 6:20 to observe occultations 23604
 John Augstales in for occultations 6:55
 Dave Street occultation
 Zit out 10:10 18 VARIABLES

Thomas in 845

out 1010 w/ Zit

9-30-68 Virgil Tangrey in 7:35 PM out 9:00 PM
 Tom & Tim occultations (none)

10-4-68 Tangrey V.J. - MA - Margaret in 7:14 PM out 10:30 PM

10-4-68 Kirsten Johnson 7:50 PM - 11:35 PM

Jusan Sawyer 7:50 PM - 11:55 PM

Al and Anne Brancillette 7:50 PM - 11:55 PM

variable

Thomas IN 925 PM

10-5-68 Haebach 7-12:00 Sideral Circle meter
 out for repairs

Thomas Out 12:30 2 VS (1 RRS)

10-6-68 Thomas IN 11:50 am OUT 3:30 PM
 working on "A" Scope RA Circle
 Tangrey family IN - 12:45 - out 3:30 PM
 scrapped paint -

10-11-68 ~~Thomas~~

See Solwile 7:40 - 11:00

Al and Anne Brancillette 7:40 - 11:00

See Solwile 10:55

Haebach 9:50 - 1:00 Worked on
 personal reaction time equipment.

10-12-68 Thomas IN 645 PM VS Works
 OUT 900 PM

10-13-68 Thomas IN 430 PM 35 VS
 OUT 100 AM

showed Mr Geo Baur the facilities
 Bot Stenel +

- (80°F)
- 10-15 Halburth 7:15 - 10:15 - 32 variable
Thomas 9:30 PM - 11:00 1 "
- 10-17 Steve Ranthum, Mr. Lindeman, & Greg Latsch
Mid Western High School Mens Club 6:30 -
John Cristales
Virgil Tangney IN 7:20 PM OUT 10:15 PM
Greg Latsch - took out twice - intercom
Thomas IN 8:30 PM OUT 11:30
- 10-18 Thomas IN 8:30 PM OUT 11:15 PM US
G. Hall & Bob Hall 8:45 OUT 9:45
John Cristales in 10:20
Halburth 10:00 - 12:00 3 variable -
David Street
- 10-19 GALE V. HIGH SMITH - IN. 7:00 PM C.D.T.
John Cristales, R. Stuhl
David Street & Steve Latsch
out 9:40 P. V. Hyman
- 10-20 Tangney in - 4:10 out 4:45
tried brass washers with rivet gun - too weak
- 10-21 Thomas IN 7:20 OUT 12:15
Shantz 4 1
- 10/21 Albrecht. 12:30 P.M. out 1:00 P.M.
leaked vents in lavatory & darkroom
for winter.
- 10/26/68 R. James in at 1840 out at 2300
open for JOMAS
John Cristales
Thomas IN 7:10 OUT 9:00
Bob Stuhl
Todd Voro out 9:00
David Street
Greg Latsch returned intercom
Gary Wedemeyer - my sister Karen

10/27/68

James 1710 - 1715

Repaired Coffee Pot

Halbach - 11 - 5 worked on A dome

Brouillette 2 - 5

10-27-68

Hindemann & David Street 5:30 PM
Youth Group & Adults - Woodlawn
Lutheran Church 6:30 PM

10-29-68

Klann - Returned Satellite Scope #793
to shed. 7:30 PM.

10-30-68

Halbach 7:00 - 11:00 35 variables.
58°F

11-1-68

J. J. MATANGLEY IN 7:30 PM out 10:00 PM

Margaret Tangney IN 7:30 PM out 10:00 PM Aurora
Breaker

Smother & Son IN 7:30 PM out 10:00 PM

11-1-68

Al and Anne Brouillette - 7:50 - 10:30

Sue Soliwood 8:00 - 10:00

Aurora was spectacular and very colorful and big

11/3/68

Albrecht repaired leak in water

11:30 - 2:45

main on west end of lot.

11/10/68

Thomas IN 1:00

OUT 10:30 PM

VS Work

Tangney family IN 2 PM out 4:30 PM

Work party picked up 5 in refrigerator
express in 7:00 PM OUT 10:00 PM

VS Work

11/13/68

Halbach 7:15 - 10:00 31 variables

Clouded over at 10:00 Temp 35°

11/15

Halbach & Fitz 10:30 PM

Removed stop watch & nut
for gage.

11/21

Halbach 6:15 - 11:00 68 variables

Temp 50 - 40°

- 11/23/68 ZIT IN 3:35 AM 40° OVERCAST
CLOUDS REFUSED TO DISSIPATE, DID NOT
WAIT FOR SUNRISE VARIABLES
OUT 4:35 AM.
- 11/23/68 ZIT IN 4:10 PM 35° OVERCAST
OUT 5:15 PM BEAUTIFUL CLOUDS
- 11-23 Thomas IN 5:45 OUT 12:20
11-23 H. Lindemann - Keyholder - Tomas. 6:30
John Angelos
David Street Gary Wedemeyer
- 11-24 Thomas IN 11:40 AM returned 5° Reynolds
eyes out 12:14
- 11-25 Thomas IN 2:00 PM OUT - 12:00
- 11/27/68 ZIT IN 6:00 PM 35° CLEAR
ZIT OUT 8:00 PM 15 VARIABLES
- 11/27/68 Arrived 7:40 PM Terrence Ross
Roger Wardel
Ronald J. Janz John R. Janz
OBSERVED from 9:10 AM - 9:50 AM Because of clouds
- from 10:30 AM - 11:09 CLOUDS Followed
from 12:10 PM - 12:25 ^{CLOUD} INTERLUPTON
OUT = 2:30 AM.
Terrence Ross 231 meters
John R. Janz observed and
Roger Wardel charted
Ronald J. Janz conditions poor.
- 11/29 Thomas IN 10:00 PM OUT 10:20
- 11/30 Thomas IN 3:00 PM OUT
John Angelos
- 11/30/68 Terrence Ross IN 8:10
Roger Wardel
Ronald J. Janz
- 11/30/68 Gary Wedemeyer + sister Karen
B. G. Clark IN 7:07 OUT 10:15
David Street + Greg Lalsch
I am borrowing the astro-computer
to examine - will return when
through.

12-1-68 OUT 2:00 AM waited to observe meteor clouds did not permit work

Roger Warhel

Terrence Ross

~~Ronald J. Jany~~

12/4/68 ZIT in 4:40 15° PARTLY CLOUDY
WIND TO STRONG TO DO ANY RE-
ASONABLE VARIABLE WORK
OUT 5:20

12/5/68 Anne and Al Brown late in 2:35 out. Too early!!

12/6/68 Terrence Ross in 8:05

Roger Warhel in 8:05

Ronald J. Jany in 8:05

started observing 9:10 - 10:20 five me-
CLOUDS COMING IN AT 10:20, had to stop.
2nd period of observing begun 1:25 am -
3:00 AM 15 met. 12/7/68

TOTAL # meteors observed 20.

FAIR CONDITIONS & SEVERE MOON INTERFERENCE.

12/7/68 Terrence Ross

Roger Warhel

~~Ronald J. Jany~~

OUT 3:45 A.M.

12/7/68 John Jany 7:00 Jo M. meeting, Dave Sy 10:00
~~John Jany~~ 7:00 - 10:30 pm

out 10:15 Photographs / Moon 200x

12/8/68 Virginia Tim Terrence IN OUT
11:15 PM 4:00 PM

skipped point & painted on undercoat
staked and rejoined NW & NE corner
of Thurner dome. I could not put
it back up on slab for lack of
help.

12/8/68 Thomas IN 645 OUT 910
29 VS 29 in group

12/14/68 Thomas IN 5⁰⁰ OUT 7⁰⁰
VS Wab

12/16/68 ZIT in 6:50 180 FAIR
2T OUT 8:00 8V ARMOLLES

12/23/68 Halbach 3000 2 occult 6:30 - 8:30
20° Windy. Clouded over

12/23/68 Terrence Ross IN 9:35

Ronald J. Jan
Roger Marchel

12/24/68 STARTED FIRST OBSERVING PERIOD AT 1:10 AM
Temp. 9°, CONDITIONS - VERY GOOD, NO CLOUDS
Ended at 3:10 33 meteors

Wind speed: 20-25 MPH

OUT 3:35 AM

12/26/68 Terrence - turned on furnace for 8 PM 8:15 PM
painting tomorrow

10/26/68 Terrence family painting IN 9 AM OUT 12:45

Shut down furnace

10/29/68 HALBACH - ZIT INSTALLED TELEPHONES
FOR PLEIADES OCCULTATIONS ON MON

1/1/69 IN AT 9:30 Terrence Ross

Roger R. Marchel
Ronald J. Jan

1/2/69 STARTED OBSERVING AT 12:20 AM
ENDED 3:20 AM

CONDITIONS: GOOD, BAD MOON INTERFERENCE

TEMP. -2°F WIND VELOCITY 10 MPH.

18 METEORS OBSERVED CLOUD COVER AT 3:20 AM

OUT AT 4:10 AM

1/3/69 IN AT 9:10 Terrence Ross

Roger Marchel
Ronald J. Jan

furnace
was out
got AT to
operate.

1/7/69 STARTED 12:05 AM
to 1:50 AM

METEORS OBSERVED 19

OUT AT 2:15 WIND

TEMP -8°F 20 MPH