

20 Dec. Dan Kaeher - 1:30 p.m.  
 returned projectors  
 24 Dec ZIT-WICK-SAMONYK OBS. TOUR Insp.  
 "B" DOMERO AND NEW BUILDING  
 25 Tom Schmutter 3:30 checked all buildings

DEC 26 F. ROLDAN 21:45 RETURNED SYNCHRONIZER

12/27 7:45 Tom Schmutter

9:15 deteriorating sky

HAPPY NEW YEAR 1987!!!

2 JAN Dan Kaeher 1:30 p.m. - 2:30 p.m.  
 Sally Waraczynski 1:30 pm - 2:30

5 JAN F. ROLDAN 18:40 - 19:00 CHECK TELEPHONE -  
 TROUBLE OUT. will call <sup>BELL</sup> PLEIADES OCCUR. 198

6 Jan. S. Waraczynski 13:00 - 15:30 library  
 (will call Frank re Bell message found on door)  
 Bell called 13:50 - line OK now

JAN 7 ~~Sally~~ 19:20 20:40  
 R. L. Wiesen 19:25 - 20:40  
 S. Waraczynski 19:25 - 20:35

R. Ludwig 19:25

Haeth 19:25

Paul Hess 19:20 20:40

Virgil Tongue 19:30 20:30

Dan Kaeher 7:35

JAN 8 ~~Sally~~ 18:00 - 24:00 6 EB MINIMA

Jan. 9 Sally W. 11:10 - 14:50 library

JAN 10<sup>th</sup> Nick 11 AM Plowed out Driveway  
 every thing looked ok 1230

JAN 12<sup>th</sup> Nick 12:00 Cleared Snow from  
"B" Dome + wiped of Scope. 1-p.m.  
Lot of Snow in Bldg.

Jan. 13 Sally W. 13:15-16:20 Library

June R 14:45-16:30 Library

JAN 13 7:00 pm Sally W, L. Kirk

Big puddle under safe.

Water dripping down from "A" dome.

TIMECUBE RETURNED, GERRY.

7:40

Jan 14 13:00 Sally W - (mopped up small puddle under safe,  
dripping stopped for now) Library Out - 15:00

JAN 18 Tross 2:10-2:15 pm Picked up ALUMINUM For Drive Cover

**Sun 17:00-24:30 13 E B MIN 207 OBSERVATIONS**

Jan. 20 Sally W. 13:30-17:00 Library

June R 15:00-17:00

Jan 21 Sally W. 10:15-12:30 Library

Jan 24 ~~Heath~~ 1:30 PM - 1:45 Pick up Scope #6

Jan 24 Greg Cieslak 18:30-19:00

Jan 24 Helen Kozminski 18:30-19:00

Jan 24 Jack A. Badura 18:30-19:00

Pete Jutka 19:00-22:00 Keyholder

**Sun 17:00-6:30 18 E B MIN. 333 OBS.**

OCCULTATION BY PAPAGENA OBSERVED

DURATION APPROX 16 SEC.

Timothy J. J. Roberts 1945-2200

Jan 25 ~~Heath~~ Return Scope #6

Jan. 27 13:30-16:30 Sally W. Library (see phone message)

14:45-15:50 June R Library

Feb 1 Pete Jutka - took 8" F6 From C-sched

#6 Port scope for T.M. Clark

Tross 6:05 pm - 7:50 3 Lunar occultations timed

Sally & Ken Waraczynski 18:20-19:45

used #7 for 2 occultation timings, check Pleiades field

282

197

Feb 2 Nick + Jeannie Nichols - tour 12 kids + 6 adults  
6:30 - 9:00 PM

Feb 3 13:45 - 16:00 Sally W. Library  
14:45 - 16:00 June R Library

18:05 - 21:00 F. ROLDAN OCCULTATIONS TAKE REACTIVE  
TIMER FOR REF  
FIRST WED MEETING

Feb 4 18:45 - 22:01 F. ROLDAN - OCCULTATIONS  
19:15 R. Wren 21:30  
M.T. + M.A. Tanguay  
J TOELLER

19:00 S. Waraczynski 20:30 occult., 1st Wed

Feb. 6 Nick + Jeannie Nichols 11:00 PM - 2:00 AM

Feb. 7 09:45 - 11:30 Sally W. Library  
12:00 - 3:30 ~~Sally~~

Feb 8 Pat Sutha Returned Periscope & 8" (C-scope  
"C" scope cradle broken - do not use  
~~Sally~~ 18:00 - 23:00 3 occs. SEBs 1 KR  
Tress 6:45 pm - 7:30 TIMED IECD

Feb 10 14:30 - 16:10 Sally W. Library  
14:50 - 16:10 June R. Library

FEB 18 06:20 - 06:45 Occult. spica F ROLDAN  
Paul Bachatt 6:45 PM - 9:00 PM

20 Feb 7:30 Dan Kaeber - projector for meeting

Feb. 21 12:10 - 15:30 Sally W. Library

12:15 - 14:45 F. ROLDAN RETURNED REPAIRED  
REACTION TIMER - POSTER  
SKY GAZER ALMANAC, 87-1  
2 BROKEN STOPWATCHES FOR REPAIR

1:30 - 3:15 Dan Kaeber - trash pick-up,  
work on schedule with Frank, dropped  
off library materials for Sally, took  
the fear, ited collection for work in Palat  
TI on the 21st of March - Nick Nichols

FEB 21 *Sniff* 15:30 - 17:30 SET UP FOR M45 OCC  
HESSELTINE

SEP 23 8 AM. Nick BROUGHT BACK PROJECTOR +  
SLIDES, HAD A TOUR, KIDS 45  
12 ADULTS REAL nice.

11 A.M. LOCK UP, EVERY THING LOOKS GOOD.

FEB 24 13:30 - 16:20 Sally W. Library  
14:45 - 16:20 June R. Library

FEB 25 Nick + Jeannie Nichols 10:00 PM - 2:00 AM  
worked on M objects

MARCH 1 Nick + Jeannie Nichols 1:00 PM - checked out grounds + buildings  
after rain storm. Cleaned up a little  
water in B dome, A+C buildings OK.

3/2 *Sniff* - 18:00 - 24:30 SEP MIN IRR MAX 1 OCC  
F. ROLDAN 19:22 - 20:50 OCCULTATIONS  
Paul Borchert 7:00 AM - } 90 min Rosette N.  
John A 8:30 - 11:00 PM }

MAR 3 15:15 - 17:15 Sally W. Library  
horseshoe prints on path??

Nick + Jeannie Nichols 5:30 18 kids, 6 adults, 18 astronauts  
9:15 tour of young astronomers

6:45 Keri + Sally Waraczynski 9:15 Occultations  
MAR 4 *Sniff* 18:30 - 20:40

Nick, Jeannie, Rob + Jay Nichols  
VJ + MA. Tangney

Sally W.

ROLDAN 19:32 - 21:00

Henry Lerner 7:30

Ch. Wiesner 7:30

Don Kulev 7:35 - 8:45

1987 Lunar occultations  
 MAR 5 ~~Sun~~ 18:00-24:00 M 45 DEC.  
 ROLDAN 18:20-23:35  
 Nick + Jeanie Nichols 6:30 AM - 12:00  
 Richard & Karen 7:15 PM 11:30 AM  
 Paul Hess 7:40 PM 11:40 AM  
 Paul B. Phardt  
 Dan Wheeler 7:00-11:30  
 Ken & Sally Waraczinski 7:00-11:45

Mar. 7 10:30-13:40 Sally W. cleanup - library  
 11:30-20:55 F ROLDAN Repairs & Installation  
 OCCULTATION HOLDER, REMOTE CONTROL SLIDE PROJECTOR

Deborah Grey  
 Julie Grey

19:00-22:45 Ken & Sally W. occultations +

8:10 Lane Appel - 11:45 John A. 8-10 PM  
 8:30 R. Wherry MD 12:30 AM  
 8:10 C. Heesler - 11:15  
 9:00 Barry Brazan 12:30  
 10:45 RON FOWLER 12:30

MAR 8 ~~Sun~~ 9:30 - 13:00 WORK

3:05 Dan Karker - I received a call from  
 one neighbor across the street that the  
 26" windows were open. He noticed  
 this on a walk around the grounds  
 with friends this aft. I locked the  
 windows - no sign of forced entry  
 everything looks OK.

MAR 10 Rick 12:30 CHECKED OUT Projector &  
 Slides for TOUR HERE ON  
 3-11-87.

14:30-16:30 Sally W. library  
 14:45-

MAR 11 Nick / Took Soc 4th GRADERS 40 Kids  
12:00 & 4 TEACHERS NEE GROUP.  
RETURNED PROJECTION & SLIDES.  
Bldg ok. 2:40.

march 12 Nick + Jeannie Nichols Tour for Tiger Cubs of pack 558  
1800 - 21:00 very nice group - slide presentation  
+ tour of grounds (cloudy)

Mar. 19 15:00 - 16:15 Sally W. library, chert study

18:30 - 21:30 John D. Photos of Orion etc...

Paul Bapha ut 9:00 PM 11:15 PM

MAR 20 Saph 18:15 - 4:45 16 EB MIN 3 RR MAX  
Keno Sally W 19:15 - 21:15 ; 330 OBS.

David Bortey Jr 20:47  
Tom KUNATH 20:47

March 21 Peter Switzer Took Slides 8:45  
Borrow Pithurifer for School Presentation

09:40 - 10:45 F. ROLDAN TOOK EQUIP. PICTURES FOR SLIDE PROJECTION  
TOOK ONE HAND HELD BUTTON - GRAZE EQ

19:05 - 20:45 G. HALL KEYHOLDER

CLOUDS WEST - SCATTERED OVERHEAD - NO ONE SHOWED UP.

3/22 1 PM Security check Tom Schmitt

21:00 - 22:15 Sally W. was going to time the asteroid occult.,  
but Fortuna did not smile. (UT 3:47 - 4:03)

march 23 Nick + Jeannie Nichols 7:00 - 9:00 Tour of astronomy class  
@ Whitnall H.S.  
about 12 students + teachers  
\*note - key hole teeth are  
jammed up in lock on  
front door - can't get key in -  
have to come in the back door.

Mar. 24 14:15 - 16:30 Sally W. library  
15:00 - 16:30 June R Library

MAR 26 TROSS 2:00 - 2:10 pm DISC DRIVE PAPER IN  
 Nichols, m.g. 6:20 pm - 6:30 helped haul out file cabinets  
 Waraczynski's " - 6:30 " " " " "

MAR 28 ~~Surf~~ 10:00 - 14:30  
 IRoss 12:00 pm - 12:20.

I ~~INSTALLED~~ TEMP. LOCK ON FRONT DOOR  
 WHILE LOCK IS BEING REPAIRED, USE REAR  
 DOOR TO UNLOCK BUILDING. ~~Surf~~

D Harris 19:44 - 20:02 key holder cloudy  
 - lights on in 25 inch building - I turn it off then

APR 1 ~~Surf~~ 19:30 - 20:30  
 R L Wiesendorn 19:31 - 20:45  
 Sally W 19:30  
 F ROLDAN 19:55 - 20:45  
 J TOELLER - 20:45  
 L. Appel  
 Mike Weller - 21:00

April 2 Mike + James Nichols 19:00 - 21:30 tour - scout <sup>boy</sup>  
 about 45 kids + adult

April 4 La Feich - Keyholder 6:30 - 12:30  
 a few people did show up + observe!

Apr 5 John A returned 16mm Brandon eyepie  
 which I found broken in Mark  
 5:00 PM - 5:15 PM

April 8 Peter Smitha Returned Slides (in order again!  
 i return slides to 2-bldg - if you don't own THEM  
 4/12 Kenneth 1:30 PM 1:45 Check on trees  
 DON'T WORRY ABOUT THE

4-16-87 Dan Kuebler  
8:30 - picked up projectors & 1 slide tray  
9:00 for meeting on 4/17 at CATC.

APR 18 Safe 11:00 - 16:30 WORK  
John A. 12:30 - 4:30 PM - work  
17:30 D. Kuebler - returned projectors &  
meteorites / tekites for Sally W.

Jean + Nick Nichols 19:45 - 23:30  
keyholder - had about 20 people come out - skies  
were quite nice - very pleasant evening. Temp. mid 50s.  
Left Lee Keith to close up building.  
Left out at 1 AM

APR 19 Safe 3:05 - 4:20 OBSERVATION OF 380 FIDUCIA  
Tom Schmeltz (130 pm)  
both ring & threaded adaptor for 5" Olsen are now in SAFE

April 20 F. ROLDAN 19:15 - 21:30

BOARD MEETING

Sally W. 19:25 - 21:25

J. Head  
K. Wesner  
R. L. Nielsen did.  
H. for H. H. H.  
P. Smith

Apr. 21 10:00 - 11:45 Sally W. - library, took meteorites home

April 26 10:30 AM Pat Smith Changed message tape

Safe 12:00 - 16:00 WORK

Waraczynski's ~~15:10~~ 14:45 - 15:20 returned meteorite  
F. ROLDAN 16:40 - 17:25 } Pickup watch, REACT, FINGER, MOON  
FOUND 2ND CHAIN & 26" } Drop off IBM TERMINAL GLOB.  
TELESCOPE BUILDING OPEN

1987

APR 28

Sally 19:30 - 22:15 clay OS

Schmidt = 840 ~~930~~

John A. - 8:36 - 9:36 S.S.

Chr. Kuehler 10:00 - 11:00 Chart Recorder

PR 29

Sally 20:00 - 24:30 8 EB, 1 RR, 1 OCC

Lydia Hense 8:15 - 9:15 Moon + Plectides

Nick + Jeannine Nichols - 8:00 - 10:15 <sup>pm</sup> tour Pius HS. gro.

Ken-Sally Wozniakowski 20:10 21:25

John A. shot Moon + Plectides

May 2

13:20 - 15:40

Sally W. library - clean up

May 3

F. ROLDAN 12:30 - 16:45 SPRING CLEAN UP

Ken-Sally W. 13:15 - 16:00 "

Don Kuehler 12:15 - 4:45

MAY 4

Sally 20:30 - 1:30

1 EB MINIMA 2 RR LXR MAXIMA 1 OCC.

May 6

M. McNeely lawn work 5:00 PM - 9:20

F. ROLDAN 19:15 - 21:15

V. Hoag 19:15 21:30

R. Wiesen 19:25

Sally 19:30 - 21:30

John A.

Ray Wendt

MAY 8

Clint Laskowski

Sally 19:30 - 3:00 8 EB MINIMA

MAY 9

NATIONAL Astronomy Day 1040-

F. ROLDAN 13:00 - 22:30

J. TELLER 13:24 22:40

D. Kuehler 1:30

R. Wiesen 13:00 23:10

Mr. McV. J. Taugher 1:40 - 22:40

Don W.

Lee Kerd

X Wiesen

Nick + Jean Nichols

Ken & Sally Waraczynski 1800-22:30  
 Donald W. Barsky 3:00  
 Matthew McNelly 7:30 PM - 10:05 PM  
 Julie K. Fry 7:30 PM  
 Mike Beatty 8:30 P.M.

May 10 Don Keeber - 1:45 took slide projector for meeting on Fri

May 13 M. McNelly 6:45 PM - 8:15 PM  
 service lawn machine & lawn work

MAY 16 T Ross 8:00 - 12:30 am Key HOLDER  
 V.J. & M.A. Targney - 8:00 11:00 (variables)  
 Sally W. 8:30-10:45 (3-MS, not very dark)  
 Peter Jutken 7:30  
 Tom Schmitt 8:50 12:00  
 VERN HOAG 9:30 - 12:00  
 Rick Schmitt 9:00  
 John Focher

May 17 Neault 12:00 - 3:00 PM Wood on Trees  
 8:30 - Don Keeber - brought back projector  
 I still have 1 slide tray

May 19 Sally W. 14:15 took library card catalog file

Nick & Jeannie Nichols 7:00-9:00 PM Tour - Holy Cross school  
 about 25 students + 5 adults

MAY 23 Jim TOLLER 7:45 8:15 ALOUDY +  
 INST DEHUMIDIFIER COLD

May 24 Matthew McNelly 10:15 AM - 1:10 PM  
 lawn maintenance

5/26/87 12:30 PM Peter Smithe Replaced message  
tape w/ June recording.

May 28 10:30 - 12:00 Sally W. Library, returned card catalog

May 29 2:30 Pm Jmtha - received dome material

AV30 Sample - 11:00 - 16:00 WORK

June 1 20:30 - 23:50 Sally w. occultations +

June 3 11:30 - 1:40 Sally W. grounds-library

1500-17:30  
17:15-21:15  
18:00

SW  
SW / Wed.

11

1 line 3 19:15-21:15 SW  
18:10  
Squid 19:15

JUN 3 9 TOELLER  
R. K. Krenson 5 1925

Tom Renner

FRANK ROLDAN 19150-22140

Dan Kachew

John A

~~John A. Ward~~

JUN 4  
Sun 21:00 - 1:00 3 EBS 2 RPS 2 OCCS 1 CPV  
21:15 - 23:30 Sally W. occultations 7

JUNES D. KOEHLER 19:45-01:00 TOUR - GREEN BAY  
F. ROLDAN 20:15-01:00 Ast. Society

June 6 M. M. Neely 9:10 AM - 11:10 AM lawn work  
C. K. 12:00 - 13:00

G. Cieslak 13:00:14:00

Peter Smitha Keyholder 9:00 PM - 10:10 PM.

No. members showed up

June 7 M. M. N. ref 10:40 AM - 11:30 AM service  
S. R. B. 12:00 - 1:00 REPAIR power  
12:00 - 1:00

Jan 7 John A - work  
Nesults 17145 - 18145 Chart recorder

June 12, Paul Bahatt took #10 PORT-A-SCOPE

June 13 M. McNelly 12:10 PM - to the lawn  
12:20 PM mower in for service

JUNE 13 F. ROLDAN 12:40 - 13:40

Waraczynski took #5 for garage  
Sally PSCOPE #3 + 8 for GR  
GRAZE TRAILER + RECORDER

June 13 7:30 PM Returned repaired lawn  
mower - broken starter - 7:35 PM

JUN 14 Sally RETURNED PSCOPE #3-8 AND  
GRAZE TRAILER

Waraczynski - returned #5, left report, watered flower

June 15 1:15 PM M. McNelly

Board Meeting 2:55 PM lawn work -  
Sally 19:20 - 22:30 BOARD

R. Wiesen 19:25 Board

S. Kueber - 7:25 - 9:40

Nick + Jamie Nichols 7:30 - 9:30

Matthew McNelly 7:30 PM - 9:35 PM

F. ROLDAN 19:30 - 21:30

Toy Renner 7:30 - 9:35 PM DITTO

Paul Bahatt RETURNED #10 PORT-A-

16 12:00 Schaefer - T.

June 19 9:30 - 13:30 Sally W. - watered flowers & some trees \* unable to  
pump box padlock \* replaced bulb in parking lot path light  
finished organizing dup. mags in shed.

12:40 PM M. McNelly lawn work  
2:30 PM #450 - 59

OPEN HOUSE #1 - SATURN 8:40  
D

18:15 - F. ROLDAN

19:30 R. Wiesen

19:32 Ken & Sally Waraczynski 22:00

Open  
House  
#1

6-14-87 M. McN up 7:45 PM - 9:50 PM  
San Kaeher 7:45 - 10:30  
John Antolo

20-6-87 San Kaeher  
2:00 - 2:30 trash pick-up

6/22/87 11:20 L. Keith Nolan Zadra  
Saturn pics  
Out 1:15 AM

6-23-87 3:00 AM John Antolo - found 16mm on Brandon  
eyepiece broken and wrong focuser was on "A" scope,  
for Moon + Pleiades Photos - excellent view!  
out 4:20 AM

Nick + Jeannie Nichols - 7:00-10:30 tour - girl scouts  
40 girls scouts + 10 adults  
working on aero-space badge

26-6-87 San Kaeher - 8:15 P.M.  
took the following for public displ  
at Brookfield Square on 27-6-87

- Miranda camera
- Glazer Scope
- M.A.S. Slide set + tape
- tape recorder (synchronized)

Also changed message on answering  
machine!

June 27 9:00 - 11:30 Self W. grounds - library  
17:40 F. Polidan - Returned Glazer Scope, MIRANDA CAM SL.  
19:15 R. Wilson Key holder  
8:15 PM M. McN up observing  
858 Thomas Milner member - visit  
858 Jim Jar

859 Mike Milner - guest-visit

~~Paul Bachman~~ 10:50 PM - 8:35 AM

7:00 p.m. - 4:00 a.m. Dan Kueber, m. objects

[m-4, 5, 6, 7, 8, 13, 19, 20, 22, 28, 54, 56, 57, 62, 69, 70, 71, 92]

10:30 - 3:30 Ptk Smith

June 30 7:15 Ken-Sally W. watered flowers-library  
(noted books left out, chart ripped)

8:30 Sky still not clearing--

July 1 M. McNelly 5:55 PM lawn work

F. ROLDAN 19:10 - 23:30

1<sup>st</sup> WED. Meeting

Richard L. Keesen M.D. 19:25

Wing & Mary Ann Tangney 7:15 PM 9:00 PM

Sally W 7:25 - 11:30

Jim TOELLER 7:45 11:26

Ann Penner 7:45 11:26

Paul Hess 8:10

Dan Kueber

John

Nick + Jamie Nichols

Ronald Lunney

July 3 F. ROLDAN 19:00 - 22:50

J TOELLER 19:08 22:50

OPEN House # 2

#591 - 722

131

VJ + MA Tangney 19:08

PARKING 45<sup>00</sup>

R Keesen 19:25 22:45

Book STORE 132<sup>00</sup>

T. Penner 19:26 - 22:10

M. McNelly 7:30 PM - 10:30 PM

Dan Kueber - 7:30 - 10:30

Ken & Sally Waraczynski

Jamie + Nick Nichols

July 4 Dan Kueber 1:00 p.m.

delivered Martin horses

~~John K~~

July 4 - Sat

John A. Keyholder 8:00 PM - 10:15 PM

No one showed up - and the circus was near us. But the fireworks were great on to Saturn I could relate.

July 7 M. McDuffy 5:15 PM lawn work left 5:30 PM do to threatening weather

July 09 TROSS 3:05 am - 4:00 OBS. Jupiter

Nick + Jeannine Nichols

7:00 - 10:00 PM time

Girl scout troops working on their aero-space badges - 54 girls + 12 adults - very well mannered + interested group. (2nd of 3 sets of groups)

July 10 TROSS 3:30 am - 4:00 TIMED ECD II

July 11 M. McDuffy 9:00 AM lawn work 12:15 PM work completed

Harry Annetta 8:30 P.M. - keyholder no members came out left at 9:25 P.M.

July 11 10:30 PM Hewlett

John A. Humidifier not working @ ~80° out 12:00 AM

July 13 John A + friends in 800 out 10:50 2050 Ken & Sally Waraczynski 2305

July 13 Jim & Dorothy Kube 2/20

July 14 TROSS 3:10 am - 4:15 GM. TRANSIT Timings - Jupiter

July 14 2:45 pm - Sally W + June R - library

July 15 Nick + Jeannie Nichols 8:00<sup>am</sup> - 11:30 tour - 25 kids + 7 adults from astronomy class - real nice group  
Ken & Sally Waraczynski 21:30 in 2320 out

July 16 TROOS 3:15am - 4:20 5 c.m. TRANSIT TIMINGS - Jup.  
21:30 - 23:00 Sally W. Messier 895  
# 722

July 17 TROO 3:10am - 4:00 1 c.m. TRANSIT TIMED - Jup.  
F. ROLDAN 19:00 - 22:30 OPEN HOUSE # 3  
A. Penick 19:00 - SPEAKER

R. Wiesen 1920  
J. Tailler 1917 23:20  
Sally-Ken W. 1920. 22 45

19:00  
M. McNeely 7:45 - 10:40 PM  
Sam Koehler 7:45 - 11:15  
L. Keith 8:30 - 11:30  
John A. 9:20 - 11:35  
May Wendt 8:30 - 11:35

July 18 TROO 2:45am - 3:30 Seeing Very Poor 8:20 - 8:35  
M. McNeely 9:00 - 12:40 PM lawn work  
Sam 10:30 - 16:00 WORK

July 19 TROO 1:20am - 4:10 4 c.m. TRANSIT TIMINGS (Jup.)

July 20 10:00 - 12:30 Sally W. grounds, library  
Sally 19:15 - Board Meeting  
J. Renner " " "  
R. Wiesen MD " " "  
Mr. McNeely 7:30pm  
Paul Jacobson  
Sam Koehler  
Nick + Jeannie Nichols board meeting  
Karen Wersner + Lee Keith " "  
Peter J. Miller " "

July 20 TROSS 3:00 am - 3:35 CONDITIONS too poor to observe

July 21 TROSS 2:40 am - 4:00 1 cm TRANSIT Timed (Jup.)  
Roller chain for DOME DRIVE IN.

July 22 TROSS 2:50 am - 4:15 3 cm TRANSITS Timed (Jup.)

July 23 Nick + Jeannine Nichols 7:30  
Tour 40 Girl Scouts  
AND 8 ADULTS Good Tour  
10:30

July 24 TROSS 3:00 am - 3:40 4 cm TRANSITS TIMED (Jup.)  
VERY INTERESTING DARK OBJECT IN THE STRZ  
HAS A "COBRA-SHAPED" head  
2nd OBSERVATION of This OBJECT T=4 S=5-6

July 25 M. McNeely 11:20 am work 12:10 completed  
Nick + Jeannine Nichols picnic  
Annette + Derek Knuesel picnic

W. Collins in 8:10 PM KEYHOLDER TEMP 86 SKY CLEAR

JUL 26 Sam 11:30 - 16:50 WORK  
Jon Schmitt 9:45 - 11:00

July 27 TROSS 1:15 am - 2:20 1 cm TRANSIT TIMED (Jup.)

July 29 2:15 - 3:00 Sally W. library

July 30 TROSS 3:10 am - 4:35 3 cm TRANSITS Timed (Jup.)

July 31 M. McNeely 2:50 PM Lamn work 4:55 PM  
OPEN HOUSE # 4  
J. TOLYER 7:15 PM 895  
Jon Miller 7:00 P.M. 977  
FRANK ROLAN 19:00 P 22:00  
L. F. 1-1-1

July 31st R. Hesse 7<sup>15</sup> pm Open House 31.25  
 Jim & Dorothy Kube 8:15 PM " book store  
 S. Haeber

Aug 1 Virginia Grey 7:00 AM 2:00 PM  
 Sufk 7:00 - 20:30 DOME WORK  
 M. McNeely 12:15 PM - 4:30 PM  
 Schmidt 230 - 600  
 F. ROLDAN 09:15 - 18:00  
 Jim Mayer 09:00 -  
 John Axtator  
 The Brauer Family p. 2. 18.  
 P.O. Bx 10121  
 MILW, WISCONSIN 53210

Aug 02 TRoss 12:00 am - 4:00  
 Sufk 12:00 - 18:00 WORK ON DOME  
 Sufk 20:30 - 00:15 SEB MINIMA  
 John Axtator

Aug 03 TRoss 1:15 am - 3:10 8 cm TRANSITS TIMED (Jup.)  
 P. Brauer

Aug 04 TRoss 3:00 am - 4:30  
 TIMED I Cep + 3 cm. TRANSITS (Jup.)

Aug 5 Sufk 19:30 - 21:30  
 F. ROLDAN 19:30 - 21:30  
 Jim Mayer 19:30 -  
 Dan Haeber  
 John A.  
 Ray Went 21:30

Aug 06 TRoss 1:45 am - 3:10 8 cm TRANSITS TIMED (Jup.)  
 3rd Sighting of COBEA HEAD.

Aug - 6 M. McNeely 6:00 PM deliver telescope  
 for use 6:05 PM

Aug 9 Sufk WORK

Aug 10 TROSS 12:05 am - 1:45 TIMED IEC D  
TIMED 5 cm. TRANSITS (JUP.)

Aug 12 John Azealos { SATURN & LYRAE #  
DAVE STREET M13, 57  
CARL JI STREET

Aug 14 F. ROLDAN 19:10 - 22:00 OPEN HOUSE #  
R. L. Kresen MD 19:20 43 people  
Ken & Sally Waraczynski 19:20 \$15 Parking  
Donald W. Banke 7:23  
D. Hecker

14th Board Meeting  
R. L. Kresen 19:20  
D. Hecker  
Ginjal V. Taniguchi 7:30 9:30  
A. Teller 7:30 9:30  
John G. Barakat  
Rick Lammie Nichols 7:30 - 9:30

Aug 17 18th Tour  
Rick Nichols 7:30 - 10:30

Aug 19 20<sup>15</sup> - 23<sup>00</sup> Sally W. - Messier

Aug 20 John A. : stopped in to pick up "Appogee scope"  
for ~~our~~ ~~can~~ MARS camp out.  
Noticed "A" scope door open, "A" scope power left on!  
F. ROLDAN 20:45 - 21:30 TOUR

22 Aug  
Sat.

M-11.22, 8, 17, 16, 18.25

same NAC's, Perseid meteors, Jupiter

→ Dan Kachner - Keyholder - 8:00 - 1:00  
RON Kucicki - MEMBER - 8:00

Beautiful evening - 3 members came out.  
also Jeff Amos & Jim Mayer were here.

Aug 23 John A 5:15-5:20 Dropped off Appogee Scope

Aug 24 M. McNelly 5:00 PM lawn work  
8:00 PM work completed

AUG 28 F. ROLDAN 18:30 - 22:50 OPEN HOUSE #6

J TOELLER 722 1048

R Wiene m d 19:25 Nick Nickels

Ken & Sally W. 19:30

Jim Mayer 20:00

John BUCZYNSKI - Carlson

Paul Hegg

Dan Kachner

John A.

Sept 1 M. McNelly 4:55 PM lawn work  
7:10 PM completed

9-2-87 Nigel & Mary Ann Tangrey 7:25 P

Richard Wiene 7:25 pm 9:45 Pm

F. Roldan 19:30 - 21:55 OPEN REG OCCULT.

D. Kachner

Jeff

Ken & Sally Waraczynski 7:30 9:50

9-4 Tom Schmidtmann checked grounds - buildings

9-5 M. McNelly lawn work 10:00 AM - 12:15 PM

9-6 T Ross 1:50 - 2:50 pm

9-8-87

Sept. 8 Taglia 7:20  
 W. J. Targrey 7:30 PM 8:45 PM  
 Paul Bachardt  
 FRANK ROLDAN 19:30 - 20:45 TOOK SPOT LIGHT  
 L. Keith  
 Karen Wesener  
 R. Wesener

9-9 M. McNeely lawn work 4:40 PM - 6:50 PM  
 work completed

9-11 A. Penkis 2:50 - 4:22  
 F. ROLDAN 17:30 - OPEN HOUSE # 7 RETURN  
 Ken & Sally Waraczynski 19:15 - 21:50 # 24 Parking  
 TOM GILL 19:15 81 People  
 R. Wesener 19:20  
 Jim & Dorothy Kube 20:00 - 22:00  
 Jim Mayer 20:00  
 Matthew McNeely 7:30 PM - 10:45 PM

9-12 TRoss 12:30 - 1:15 pm

9-12 Hecaultin - setup recorder 2:00 PM - 4:45  
 R. Wesener 19:30 - Pleiades - accept.  
 G. Goslak 20:00 San Kaeber - 10:45 - 1:  
 S. 20:30 M45 - OCC  
 Jim Mayer 20:00

Ken & Sally Waraczynski 21:30 145  
 TRoss 10:00 PM - 4:05 am  
 VJ & M. H. Targrey 22:00  
 Hecaultin 23:00 - 2:00  
 Scott Zaskowski 28

9-13 TRoss 11:55 pm - 1:35 am 4 C.M. TRANSITS (Jup.)

9-16 10:00 - 12:05 Sally W. library, grounds  
 7:45 San Kaeber

picked up Sky: Teles and Astronomy's  
 for sale at Astrofest

9-18 14<sup>45</sup> - 15<sup>05</sup> Sally W. library, history

Took old books from crate in shed.

9-19 Kessellin inspect work party 15<sup>30</sup> - 16<sup>30</sup>

9-20-87 Dan Kaeher 2:30 - 3:00

returned unused magazines - changed  
recording on answering machine.  
Noticed that lower chain is "down"  
again due to rain!

9-22 14<sup>00</sup> - 15<sup>39</sup> Sally W. library

9-23 M. McWerry 4:30 PM - 6:30 PM lawn work

Tom Schmitt 7<sup>45</sup> - 10<sup>45</sup>

Sun 19:45 - 1:30 10 EB MINIMA

9-24 Schmidtmann ~~08:00~~ - (7 → 10<sup>32</sup>)

9-25 John A. Sept MEMBERSHIP MEETING

R. Thesen md

Jim Mayer

Virgil & Mary Ann Tongue

Ken & Sally Waraczynski

FRANK ROLAND

Scott Lukowski

Mike Furbush

Barth & Jim Kube

Dan Kaeher

Julie K. Fry

Nick & Joanne Nichols

9-26 Dan Kaeher 1:30 - 2:00

trash pick-up

L. Fein AAS class @ 6:45 pm

Jim Mayer 19:00

Sally W 19<sup>25</sup> - Ken W 19<sup>30</sup> 23<sup>30</sup> out

F. ROLAND 19:30 - 01:00

Key Holder

Jonathan Smith & Joe Miller 8:45-

OCT 2 87 *Snuff* 13:00-15:15

Oct 3 87 L. Feil 6:30<sup>12:15</sup> AAS chace #2  
Left last years' (1985-86) Sky + Tel  
and 85 astronomy magazines on table  
at right. Where to put them?

Jim Mayer 8PM

*Snuff* 22:00

John A 8:00PM-12:00AM  
Jupiter Pic's.

OCT 4 *Snuff* 19:20-23:30 28/Wich - just visiting  
8 EB MIN COMET

Oct. 7 18:30-20:15 Sally W. library, 1st Wed.

19:15-20:20 Frank Roldan

19:30 Clint Laskowski - 1<sup>st</sup> Wed

"

John A.

*Snuff*

Scott Laskowski

19:30-20:20 Jim Toeller

OCT 9 D. KOEHLER 18:30

SPECIAL OPEN HOUSE

F. ROLDAN 18:45-21:00

R. W. 19:00

M. McNee 7:20PM-9:30PM

Ken & Sally W. 19:10 21:40

Jim & Dorothy Kube 18:55

Oct 10 L. Feil AAS #3 6:50 PM-10:00 PM

OCT 11 *Snuff* 10:00-14:00

Ken & Sally W. 1330 - ~~1400~~ 1600

10/12 TOM Schmitt 700 → 930

Sally & Laskowski 19:30-21:30

L. Feil 8:30-11:30

Nolan Zader 8:30-11:30

Oct. 13 14<sup>30</sup>-15<sup>30</sup> Sally W. library - took #5 for possible gaze  
found front door unlocked.

M. McNeely 4:45 PM lawn work 6:30 PM  
work completed - will return

Paul Bachjett 6:45 - 10:15

M. McNeely 7:25 - 9:00 PM

Tom Renner 7:25 - 9:00 PM

FRANK RULAN 19:30 -

nick + Jeannie nichols

*[Signature]*

TOOK SLIDE PREP.  
AMP & TAPE DECK  
FOR DINNER

Oct. 14 9:30-10:30 Sally W. library - returned #5

Oct 15 nick + Jeannie nichols - 6:30 - 9:15 Tour-girl scout troop  
viewed Jupiter, double stars + constellations

Oct 17 Peter Smetla Keyholder Tour 2:30 - 3:30  
Dale Tutkowski

Bobby Horkheimer

Dan Schumacher

Alberta Marshall-Zogatz

Erin Raymo

Paul Ann Enders

Julie Montagnery

17 Oct 1987

Visit by David Levy

Excellent Seeing.

Jupiter  
viewed  
very near  
opposition

Sam Koehler 0:30

John A.

B. L. Tegen 7:30

Paul D. Fapp 7:30

David Levy

Karen Wegerener

La Keith

Ken &amp; Sally Waraczynski 2310

Scott Laskowski

Joeller

Jim &amp; Dorothy Kube

Schmidt:

Oct 18

Research 2:00 PM - Prob hole former

10/22

Schmidt 7<sup>PM</sup> - 9<sup>30</sup>

10/24

Virgil G. Tangney 7:10 PM Key H.O.L.D. 12

Clint Laskowski 9:30 PM

10-25

Tom & Bill Schmidt 4<sup>PM</sup>

10-26

Pete Smith 5:45 — 7:00

Observation of Comet Bradfield

Noticeable dust tail - beats Halley! Best views  
in apogee scope

10-28

Schmidt 7<sup>PM</sup> → 9<sup>PM</sup>

Oct. 29

Sally Waraczynski. 19<sup>10</sup> - 20<sup>40</sup> Came out to do  
observations but found Davis tour group waiting  
for someone (?) who did not appear. Gave them a tour  
and some viewing with portscope.

10-29

Pete Smith — Observatory inspection for insurance  
2:15 - 3:00 PM.

10/31

La Keith 4:30 - 8:30

Future Astronauts Tour and AAS #4  
Scott Laskowski

9

305

11-4-87 First Wednesday  
 R. Wiesen 7:20 pm  
 Sally Waraczynski 8:30  
 F. ROLDAN 19:25 - 21:30

Scott Lockowski  
 U. T. alk. 9.47

John A.  
 Dan Kueber

11-7-87

J. TOBLER. INSPECT A. JUNE 10:30 - 10:55

11/9 L. Hess 6:40 PM

R. Wiesen

Jennie + Nick Nichols

Surf

W. J. Tongue

Tom Renhart

Paul Bahatt

Nov. 10 14:40 - 15:10 Sally W. library

Nov 11 Surf 17:15 - 18:30

Nov 14 F. ROLDAN 08:40 - 14:00 Scrape Painting - Meet. Rm.

Paul Hess 8:40

Jim + Dorothy Kube 9:00 - 3:10 paint-scrape

L. Hess

R. Wiesen 10<sup>00</sup> AM - 12<sup>00</sup> scrape

Sally W. 9<sup>00</sup> Ken W. 1300 Both out 1520

Dan Kueber - 9:15 - 5:30

John A 7:00 PM Keyholder

out - 9:00 PM no members showed up.

observed comet Bradfield & Jupiter

11/12 Alva Sutha 10:00 PM took O. H. projector for  
 Presentation

11/18 Jim. Shuech 4:30 pm Astronomy outing  
 for Carroll College.

Tom Schmitt 7-8

Jeffrey B. Kirk at 10:30 GOOD-LIGHT!

- 11-20 Paul Bachardt 5:00 PM - 7:15 PM  
Tom Schmittman 7E → 9:30  
Slit for A dome opening + closing  
with great difficulty.
- 11-21 M. McNeef 11:30 - 11:40 AM Pick up  
loan scope -  
Tom Schmittman 130: couldn't get A dome  
slit to open much. Will call Jerry S.
- 11-21 L. Field 6:30 - 6:15 Got A dome slit open, but  
only with a lot of fussing and a sore hand.  
GERRY-FIX IT! = OUCH=  
Taking pictures of Comet Bradfield
- 11-21 Harry Dichter - keyholder - no one  
called but he came out anyway  
7:15 to 8:00 PM.
- 11-21 7:00 - 8:30 R. Wiesen - Bradfield + Jupiter
- 11-27 Surf 11:00 -  
WORK / FUEL OIL DELIVERY
- 12-2 First Wednesday  
R. L. Hesse 7:25 pm  
D. Kohler - 7:30 -  
F. Roldan - 19:30 - 20:30  
Scott Zakowski  
Surf  
Paul Hess 7:30 - 8:30  
John A 7:45 - 8:30 P  
Nick + Jammin Nichols
- 12-5 Paul Bachardt 12:00 AM - 12:45 AM
- 12-11 F. Roldan 19:00 - 22:40  
TOUR FOR D. TUKOUS  
TOOK TAPE PLAYER /  
SYNCH
- 12-31 Surf 11:00 - 5:45  
23 EB MINIMA 2 RR MAXIMA