

HAPPY NEW YEAR!

Jan 4 1986 Nick + Jean Nichols 10:00 AM
Plowed out lot with tractor and loader. about
1 foot snow in the lot.

5 Jan Dan Kueher : guest for tour
2:50 p.m. - 3:15 p.m.

6 Jan P. Jutler 1:00 PM - 1:15 Picked up Projector
lights found OK

4:30 John A. comet photography
Sun Jan 17:30 - 23:00 6 EB min
1 RR MAX
COMET MAG
AND COMA DIA.

Richard Berry
Dine Eiche

Jeff Kanzer

Don Kueher

Nick + Jean

Jan 7 Checked out m6" R scope 2 views

Don Kueher - para scope #3

Paul Berchard 4:30^{PM} - 1:30^{PM}

FRANK ROLDAN 17:00 - 19:20 PS#10 re-vamped for

John Viera 17⁰⁰ 20⁰⁰ astro

Richard Wiesen 17³⁵ 20⁰⁰ photos

Richard Berry Rscope Valley

JAN 1 John Larson 17:20 18:30 cloud

Richard Wiesen 17:20 18:30

Jan 10 Jim Swedden + Terri Homach
4:30 pm - 7:30 pm PHOTOS OF

Jan 10 Richard Wiesen 17¹⁵ - 1930

3 pictures comet

3 min 5 min 10 min

good early hazy late.

Jan 11 Trors 2:10 pm - 2:45 / 4:30 - 7:30
 Brought Back Machined parts for 26" Dec. Drive
 Richard Wilem 17⁰⁰ - 20³⁰
 John Wilem 17⁰⁰ - 20³⁰
 Tom Schmitt 5¹⁵ - 7²⁰
 Dank Kueber - KE/14015ER - 5:30 - 8:30
 1-11-86 King L. Jorgensen 5:45 PM - 7:45 PM
 John A. 6:00 PM - 6:30
 Karen W. Mason
 Lee Keith
 MIKE ZAHORIK

1-13 Jean Nick Nichols returned portoscope #6
 ROBERT

1-14 F. ROLDAN 17:35 - 18:38
 Sam 17:20 - 24:00 11 MINIMA 166 OBSERVATIONS
 A. Mason 17:35 - 18:38

1-18 Brian Cieslak returned #5 portoscope 6:30 a
 L. Keith
 K. Wilem
 Nick Nichols
 } Cleaned + collimated all portoscopes
 } #8 needs realuminizing BAD!
 } Oshera could use it!
 Sam - 12:00 - 14:30 GRAZE call

Hub + Joanne 3:00
 Karen + Lee - out 3:00 p.

1/19 Tom Schmitt 2 → 3 pm
 1/22 BRIAN CIESLAK 7:30p 830 WHERE'S THE GLASSER SCOPE, JOHN?
 1/22 Nick Nichols
 1/22 Rob Nichols

1/23 12:45 Peter Smith - Projector room found
 unlocked
 4:30 Don Kueber - WTMJ-TV interview

1986

AN 25

Saufe 10:30 - 11:00 PSCRE Fixture

Haniere 19:50 - 21:30 Keyholder cloudy

Feb 26 Hicob 10:30 AM - 10:45 Picked up PSCRE
Fixture (for repairing mounts)Feb. 1 Nichols 12:00 noon Repaired port-a-scope mounts
#2, 5 + 9 + returned.Feb 5 F. ROLDAN 19:00 - 20:30 1ST WED MEETING

Saufe 19:00 - 22:00

John A. 7:30 - 9:50

Paul Bacha 8:00^{PM} 10:00^{PM}

Feb-9 Nick + Jeannine Nichols 18:00 - 21:00

Burt Guehl 18:00 - 21:00

Tom Schmitt 19:00 21:45

Paul Bacha 8:30^{PM} - 11:30^{PM}

Feb 10 Saufe 17:20 - 23:30 9EB MIN-DWARF

Paul Bacha 6:00^{PM} NOVAE PATROL

Feb 13 Hicob 12:30 - 12:45 look at Photometer

2-14 Valentines Day

Jeannine + Nick Nichols 12:00 midnight - 5:00 AM

took pictures of several messier objects

skies were very clear, + very cold. at 4:30 AM

watched Saturn + Mars come up in

Scorpio - very pretty.

2-21 Dan Kuehler - picked up Overhead

2-22 Nick + Jeannine Nichols 18:50 - 21:30

Keyholder

Results of pictures taken on 2-14 included
a fabulous picture of M42 - taken prime focus
with 400 red color film - no filter or P sensit.

2-23 Dan Keller 1:30

Brought back Onelead & slide projector
 2-27 ~~Sage~~ 18:00 - 21:30 5 MINIMA
 TARI AT 8.5 MAG - Clouded out

3-1 Brian Gerlach clear Cool

3-1 Aris Penikis 19:30 - 21:45 Took along Portascope #2

3-1 Jeff Annis 20:30 - 21:30

3-5 Deborah J. Frey - returned borrowed book

3-5 ~~Sage~~ 19:30 - 21:45

3-5 Ken & Sally Waraczynski 7:15 9:05

Donald W. Barske Nick & Joanne Hils

John R. Frey

~~John Wiesen~~ 7:30

Richard Wiesen 7:30

Aris Penikis 7:30

Jim Hahn 7:30

Jimmy Elzinga 7:30

Brian Gerlach

TOOK PHOTOMETER FOR DEVELOPMENT

MAR 6

~~Sage~~ 19:00 - 24:00 7 EB MINIMA
 TARI HOLDING AT 8.5 TYP MIN + 52 H4A
 1 HR LATE

MAR 7 Paul Bachard 1:30 AM 5:30 AM

"I CAN SEE THE COMET"

march 7 Jeannine + Nick Nichols Tour-boy scout troop
 about a dozen kids + 4 adults. Real well mannered
 group. Skies were real clear. 6:30 - 8:30 PM

March 11 ~~John Wiesen~~ 4:30 AM - 5:30 AM

Came to observe Halley.

Drive way was icy, couldn't get up.
 Tried to open "A" dome, it was stuck
 from the ice. Got out portascope.
 Views excellent with 11X50 binox + portascope

~ 40 tail observed w/ glow and dust tails
 clearly visible got too light by 5:10

252

1986

Brian Cieslak

5:00 - 8:00

MAR 12

Sage

#5 P-SCOPE FOR GRAZES

arch 14 Nichols

#9, port-a-scope vid out for grazes

MAR 15 F. ROLDAN 19:05 - 21:00

KEY HOLDER

1/15 TOOK telescope #3 K.F. Waraczynski 20:20 FOR GRAZES TUE & WED.

Returned 3/22/86

3-19

Paul Bachack 4:00 PM TOOK #10 PORT-A-SCOPE

3-20

~~S. Kuehler 4:15~~

John Vieser

4:00 -

Richard Wiesen

4:00 - 5:15

Obs Halley

S. Kuehler

4:15 - 5:00

3/21

Sage #5 P-SCOPE RETURNED

Sage 21:45 - 5:30 1 occ, 4 EB min

4 RR MAX - 119 observations Halley DIA + MAG.

CABLE ON 'A' DOME SLIT BROKEN

DO NOT OPEN UNLESS YOU ARE SURE

YOU CAN GET IT CLOSED

'B' DOME SLIT JAMS $\approx \frac{1}{4}$ THE WAY

OPEN, DO NOT FORCE BEYOND THAT

POINT, WILL OPEN ENOUGH TO SEE

HALLEY.

PAT KARSTEN

San Kuehler - 4:00 - 5:00 Halley, Mars, Saturn

3/22

3/22

Gregg Ciostak 12:00 - 3:00 26" scope dec drive

Returned ~~was~~ 10" telescope originally taken 3/5 K.F. Waraczynski

REPAIRED A DOME - THIS CABLE IS

BADLY WORN AND WILL NEED REPLACING

DO NOT USE BRUTE FORCE OR THIS WILL

HAPPEN AGAIN

Sage

1986

253

3/23 Paul Bachard 2:00 PM RETURNED

3/27 ^{#10} Sufz PORT-A-SCOPE TAKEN ON 3-19.
MIRRORS FROM #8 P-SCOPE
AND 6" FOR RECOATING, GLAZER SCORE
FOR FHLW PROJECT

3 27 6:30PM John A Removed mirror on B's scope
for recoating will be back in service ~ 4-10
BRIAN CIESLAK

3 28 BRIAN CIESLAK

3/29/86 7:15pm Richard Wiesen
7:15pm John Wiesen
7:00 PETER SMITKA KEYHOLDER
Left @ 9:00 NO members showed
CAN YA BLAME EM?

4-1-86 6:30 Brian Cieslak
Nick + Jennie Nichols - tour - 800
4-2-86 J Toeller 7:21 - 805
NO SHOW

4-5 Schmiedtkey keyholder 725 800 clouds

H-9 Schuch - comet to 07 -

02:00 - comet small but clear
lots of people.

4-9 Doug Fisher 774-4913

Ronald Jones - THANK YOU

Robert J. Sanchez

Steve Wilson

Lynette Macquet

Jim Hensick

Charles P. Rule

Jim Poirer

4-10 Reeseth Returned mirror 4:PM

1986

APR. 11 Paul Bachant 6:45 PM - 11:15 PM
 FOUND GATE OPEN, LOCK ON TOP OF
 THE POST, AND LEFT OPEN!! NICE
 WAY TO LOOSE THE LOCK SOME ONE.

Apr 12 John A. work
 2:00 PM -

4/13 Nesbitt 12:30 PM - 4:00 PM tree feed

4/14 Kingly Torgrey 10:30 AM 10:45 AM
 PICKED UP V.I.T. 6" MIRROR

4-15 John A stopped in to pick up 'B' mirror
 for mounting. 7:00 PM

4-17 F. ROLDAN 18:30 - 22:30 TOUR D. TUTOSKI
 SCHOOL
 B CIESLAIC some observiv
 P SANKA "B" REPAIR
 John A mirror installation in B

Pete/Jon, Smitha 12:15 pm -

Don Kuehner 1:30 pm -

Sally Wanczynski 1:35 pm - 11:00 P.M.

1986! Guy Zimkowski 1:35 pm - 10:45 PM

John Wiesen 1:20 pm - 11:20 pm

Richard Wiesen 1:20 pm - 11:20 pm

Donald W. Barske 3:30 -

Deborah J. Frey 3:30

Julie K. Frey 3:30

Ken Wanczynski 4:10 P.M. - 11:00 P.M.

Nick + Jean Nichols 5:30 PM returned port-a-scope #9, now
 set-up for 8X50 Celestron finderscope

L. Leish

John Angello

Kingly Torgrey 2:30 P 11:00 P

Robert S. Miller 10:56. 4.19-86

B Wiesen returned Photometer

Board Meeting

155

4-21 - Brian Cielak

Picked up ^{at} table & 8:00-7:30
PHOTOMETER

J. Tachy

John Nielsen

7:20-10:30

FRANK ROLDAN

19:20-20:15

Richard Nielsen

19:20-22:30

PETER SHITKA

John A.

Lee & Karen

Brian Staniers

Nick + Jannine Nichols

4-22 Nick + Jannine Nichols

8:15 PM - 9:30

came out to take pictures

Brian Cielak

8:00 - 9:00

BACK DOOR WAS WIDE OPEN !!!

4-23

Lee Keith

3:30 PM

Assembled 6" Critter.

4:45 PM

APR 23

Couldn't finish 10" portscope - no hex wrenches -
Sange 19:15-23:30 3 EB, 1 RR

4-24

James J. Schuler - tour of place

4-25

Brian Cielak
Peter Shitka

6:30 9:00 Tour

2:00-9:00 Tour

4-26

Robert James

14:10

14:15

Donated 6" f10 Telescope & Mount

5" Ocularscope

1 yr. Ex. Sky & Telescope Astronomy.

John Agtator - interview

in 1:10 PM out - 3:30 PM

4-26-86

Richard Nielsen

21:00

22:35 Key holder

L. Keith X. Nielsen

Tour (Comet only)

22:30

Mr. Bullock

8:04

9:45

Jinda Pense

8:04

member - 9:4

Bill Owens

8:10

9:15

2, 1986 Ed Hallock
found the observatory in fine shape.
Halley's still OK.

Dick Huller + Family also enjoyed view
Brian Ciesla TOUR WITH JR Astronomer GROUP
Returned photometer

Paul Barchard

John A - looking for Astron rec field for May 12 over
Steve & Jim Reich 9:00 PM - 12:00

5:00 - 4:30 WORK ON TREES

8 EB MIN pos. LG OF UGM

ECLIPSE, COMET HALLEY DIA + MAG.

3 Nesbitt 8:30 AM - 5:00 PM Help w/ trees
F. ROLDAN 10:00 -

REMOVED USGS STAKE BETWEEN "A" &
"B" BUILDINGS PER CONVERSATION (TEL.) WITH
ED PAUSTER OF USGS - WASHINGTON DC on 4-24-8

10:30 - 16:15 WORK

John A 1:50 - Work on Dome

Nichols - signing out port-a-scope #9 + view finder
to work on balancing.

Sally Maraczynski 8:00 - 10:30

Ken " 8:00 - 10:30

Steve & Jim Reich 8:00 PM.

Paul Hess 9:00 12:30

John A, Keyholder

'B' Scope shutter door
problems

4, PAUL BARCHARD - 17:00 PM - 11:30 PM CLOUD
GOT HERE AT THE SAME TIME I DID.

6 Brian Ciesla TOUR 12 people professional photographers
TO OR DIDN'T SHOW

Paul Barchard 9:50 AM - 1:00 AM

1st WED. GATHERING

May 7 F. ROLDAN 18:50 - 21:40

V. J. & M. A. Tanguay 9:50

Deborah J. Fry

Net & Jamini

Julie K. Fry

Sally Wozniak 7:30 - 9:30

Richard Thesen 19:30 —

Ray Wundt

John A

Safe

Rescue 8:30 PM - 1:00 AM Chart & Other

MAY 9 Safe 20:50 - 4:00

10 EB MIRA

U GEM IN OUT BURST!!

May 10 John A: work, fixed stationary flashing on new dome
10:45 AM - 3:30 PM 4:00 PM

Safe 10:30 - 12:00 WORK ON B DOME

11:00 AM - 4:00 Paul Hess water trees

8:15 - 8:30 PM Harry Ancker keyholder

one member had called & riding but cancelled. Two other members came out but it was too overcast to view double stars as they wanted to do.

MAY 12 Safe 20:30 - 21:30 U GEM

Brian Geslar

8 PM - 9:45

1 OCCULTATION
very hazy & Brite near moon

MAY 17

N. Nichols

IN 8:30 AM

OUT

4:00

A. Keith

9:30 AM

4:00

L. SIMANDL

9:45 AM

4:00

P. Hess

9:30

4:00

John A

checked roof in new building

"PLEASE DO NOT USE 'B' DOME"

May 18

John Thesen

2:30 PM

picked up open house schedule sign

May 21 6:25 - 8:50 Dan Kuebler
 NOTE: JOHN DEERE 185 TRACTOR
 DELIVERED BY SUNSET EQUIPMENT
 CENTER. HE TOOK THE BOLENS
 (HURRAY!) J.D. IS PARKED IN
 GARAGE. I MOWED LARGE AREA
 AROUND THE BUILDINGS - IT DOES
 A GOOD JOB - I HAVE THE KEY.

May 22 Dan Kuebler 7:30 GRASS (smoked)
 to 9:15

MAY 23 L. SIMANDL 12 P.M. HOSTED ST. JACOB
 LUTHERAN SCHOOL STUDENTS.
 SECURED AND CHECKED ALL BLOGS.
 LEFT AT 3 P.M.

Dan Kuebler 7:00 GRASS
 to 9:00

Nick Nichols - returned #9 portscope

MAY 24 10³⁰ AM - 11 AM - Reposted ^{new} open house
 dates on sign

R. L. Wixen.
 John Anzalone 3:00 PM - 7:30 PM Roof Work

Dwight Harris 7:30 AM - 9:00 PM Key Holder

May 26 Nick + Jennie Nichols - 12:00 - 2:00
 finished securing new floor panels + painted primer coat.

May 27 7:00 - 7:15 John A. checked roof leaks

1985

259

May 30 Brian Cieslak

TOUR SWOT TROOP 17 people

B DOME STILL VERY DIFFICULT TO CLOSE. WATCH OUT! 7:00 - 11:00p
WX HAZY WARM Transparency = 2 seeing good no bugs

MAY 31 Surf 8:00-12:30 WORK ON B DOME
FOUND D'SHED OPEN!! CUT GRASS
Matthew McNelly - worked in shed
9-40AM - 3-3504T

R Weslin 2¹⁵pm - 3pm
A-Dome - couldn't get slit open
to work on outside of dome.

Sam Keebeer 10:15-4:30 cleaned out
D-shed & straightened up Q-hut.

Brian Cieslak - KEYHOLDER
(GOOD WORK CLEANUP CREW)

7:00 - June 1 1:00AM

Gregg Cieslak - 26" Telescope - 8:00 - 12:30

Monica Cieslak 26" Telescope 8:00 - 12:30

Mike Buehler 1:12

JA.

Linda Pluse 1:12

+ Annie + Babs look thru B scope

JUN 1 Surf 20:45-24:00

COMET HALLEY 1 EB MIN

JUNE 2 Paul Bachart 9:00 PM - 1:30 AM

Ray Wardt B scope

1st WED. GATHERING

JUN 4 J. TOELLER 7:04

F. ROLDAN 19:05-21:10

Donald W. Barske 19:05

Shops R

John A.

Sam Keebeer 8:00

Jeff Farmer Shops 8:00

Paul Bachart 8:00

Surf

Ray Wardt

Cont →

Tany Williams

Chris Healt 4:00 - 9:45 PM

7-86

Nigel Tongue 10:00 AM - 1:30 PM

Matthew McNeely 10:25 - 3:30

Dan Kaeber 10:30 - 4:00

John A. 3:45 PM - 4:45 PM "Donated" speakers
buildings unlocked & open for Adome

-8

TRoss 3:15 am - 4:10 am MARS & JUPITER

-8

John A found star for asteroid occ. tomorrow
9:15-9:30 PM night
gate down

-9

TRoss 12:20 am - 3:00 am

MEASURED DIAMETER OF MARTIAN POLAR CAP / seeing poor

-10

Sam 20:15 -
Paul Bachatt

John A

Asteroid occ.
Brian Cressal DITTO
out 9:45 PM

Too light at 9:02, missed

6-11

Jean & Nick Nichols 7:30 - 10:00 PM tour - "scouts" viewed mercury
Brian Cressal picked up broken toilet seatMatthew McNeely 6:45 - 9:15 Work on
Open House - Terry McNeely 6:45 -
9:15 - work on Open House Lisa McNeely
6:45 - 9:15 work on Open
House.Dan Kaeber - 7:00 - 9:30 } CLEAN FOR
F. Rolwan 18:45 - 21:35 } OPEN HOUSE

6-12

Brian Cressal - 4:30 - 5:30 INSTALLED New T.S. in LoCo

6-13

TRoss 3:15 am - 4:10 John A. 3:30 AM - 4:10

" & J " Q .

6-13 F. ROLDAN 18:00 - 00:30 OPEN HOUSE #1
 MA V. Tanager 7:15 8:30
 Matthew McNeely 7:25 Open House - 11:40 PM
~~Lisa McNeely~~ 7:25 Open House
~~John Wiesen~~ 7:30 - 10:15
 Richard Wiesen 7:30 - 10:15
 Donald W. Barake 7:30 - 10:30

~~6-13~~
 Sally-Ken Waraczynski 7:50
~~Mike Burt~~ 8:30
 Peter & Jon Smuthe 9:00
 Dan Kuebler 7:45 - 10:45
 Lisa McNeely 7:25 - 11:40
 *

6-14- 11:45 AM - 12:00 PM John A. checked roof

6-16 John A. Board Meeting
 7:15
 Matthew McNeely 7:20 - 9:00
 Snyke
 F. ROLDAN 19:25 - 21:30
 Paul Bachard
 Pitty Fritze
 Daniel A. Kuebler
 Karen Wiesen
 Lee Kreich
 Neppeltin 10:00 PM -
 Hahls & Jannin

6-17 TROSS 3:00 - 4:10 am MEASURED Southern Polar Cap

6-19 TROSS 3:10 - 4:10 AM TIMED 3 C.M. TRANSITS (Jup.)

6-20 F. ROLDAN 19:30 - 20:30
 B. Cieslak
 HELP B. CIESLAK WITH TOUR
 Help F. ROLDAN w/ TOUR

1986
JUN 20 Surf 21:00-2200 2 mins

CLUBS

JUNE 21 F. ROLDAN 07:40 - 10:30

M. McNeely 8:40 - 12:40

J. Toeller 08:00 -

Surf 11:00 - 13:00

REPAIR TO LET
MEN'S ROOM
REPAIRED!!
REPLACED LOCK IN
GARAGE.

A. Keith 18:00-20:30 AAS #1

Look at portscope #6. Try mounting a finder
on it with the wooden block. Remember, it
is just a prototype!!!

JUN 22

John A: Checked roof for leaks 10:15-10:30 AM

JUNE 24

Surf 20:15-3:05 6 EB MINIMA 1 RK MAXIMA

2 LUNAR OCC. (R) SEEING GOOD, MUCH SURFACE DETAIL ON MARS

TOOK ONE FINDER HOME TO BUILD MOUNT

6/26 A. Penick - Returned Portscope #2 (2:30 PM - 2:45 PM)

6/27

F. ROLDAN 18:40 - 22:30

OPEN HOUSE #2

Dan Kaeber 7:00 - 9:45

A. Keith 7:18 - 12:00

J. Wesener 7:18 - 1200

J. TOELLER 10:50

R. Wiesen 7:30 11:35

G. Wiesen 7:30 11:35

Donald W. Barake 7:30 - 11:30

Matthew McNeely 7:45 - 11:10

Nick + Jeannine Nichols 7:15 - 11:30

Ken & Sally Waraczynski 7:30 11:15

1/28 12:05A

DAVE STREET

Surf 0200 - 4:30 2 LUNAR OCC 1023 THOMANA

John A 12:00 AM →

Watched for occ. of Asteroid 1023 Thomana

no contacts observed.

6/28 Matthew McNelly 10:05 - 12:15
worked on grounds cutting grass

L. Keith 6:39^{-2:45AM} pm Keyholder - AAS class
Donald W. Barske 7:30 - 3:45

Deborah J. Frey

Jim Welch

Tami Honda

Jeff Kirk

Bryan Viel

Julie K. Frey

DAVE STREET

6/29
2:45A

OUT

John Aztator 10:30 - 12:00AM

Paul Bachardt 3:00 AM - 4:15 AM

July 1 Nichols - checked out port a scope #9

July 2 J. Toeller 7:29

Ray Wendt 7:31

Sally Waraczynski 7:30 - 8:30

R. L. Nielsen 7:35 pm. 9:30

Donald W. Barske 7:30 -

John A.
Paul Bachardt

July 4 F. ROLDAN 20:25 LEAVE MAS Display - will pick up 7/5/86 07:30

July 5 F. ROLDAN 07:35 Pick up MAS Display - 17:25 Drop off Display

Don Kuebler - 8:00 Keyholder out 1:00 a.m.

9.15-12.25 Lance Appel - 9.15 Sky Telescope 1961/1963 & 1964

F. ROLDAN 21:40 - 23:55

Sally Waraczynski 8-10

P. Smith ; Patti Walach 10:00 — 12:00

July 6 B. Laniere 01:55 - 2:35 "B" tracking poorly

July 9
6:30 San Keeber - opened for Matt
McNeely - fence found on. ← wasn't me by
6:30 McNeely - work on ground
8:25 lawn maintenance - work done

JUL 9 San 21:00-

Lamire 22:25 - 23:55

John A 10:20 PM - 12:30 AM

Roof Sealing
(50) \$11:00

July 11 John Wiesen 7:20 - open house #3

Richard Wiesen 7:20 - 9:53 pm. (rain)

F. Roldan 19:30 - 21:00

Taylor 7:20 9:53

Donald W. Brawke 7:30 - 10:00

San Keeber 8:00 - 10:00

Brian Ciesla 8:00

CLEARING

Pete Smith 9:15 - 10:00 PM

Mike Jean

July 12 Matthew McNeely 11:25 - 3:00

John Aptler checked roof

F. Roldan 11:30 - 15:20

San Keeber - 10:50 - 3:30

Chairs & Tables delivered

old furniture is in 20" bldg &

satellite shed.

Changed oil & filter & greased the tractor

7-12 Nichols - returned porta-scope #9 + finder scope

July 12

Here for classes on Occultation observing
MAS Amateur Astronomer Series

NOONE SHOWED IN THE FUTURE PLEASE
DON'T ASK ME TO WASTE ANYMORE OF MY
TIME FOR THE SEEMINGLY UNINTERESTED,
UNMOTIVATED MEMBERS OF THE M.A.S. BECAUSE
THEY'RE NOT WORTH THE EFFORT.

Brian Ciesla

7:00 - 6:30 AMEN!

July 12

Pete Spitzer - 11:22 - 12:010
Rick Howson - 11:22

check Backlash 1A7

26" FOUND WITH LIGHTS ON. B-DRIVE OPERATING SLOW
& ERATIC - CREAKED AFTER SOME USE

July 16 M. McNeely 7:05 - 8:40
work on grounds

San Kueher - 7:05 - let Matt in.

JUL 17

Garth 10:15 - 1:15 ANTARES OR D+R 1ES
F. ROLDAN 22:07 - 00:30 ANTARES OCCULTATION
Paul Bachardy
Mike Bachardy 10:25 - 11:15
John A 10:00 - 11:15 PM

July 19 annual mas Picnic!

Nick + Jeannine Nichols

12:00 - 8:30

set-up for picnic

Richard L. Weiser 1pm - 6³⁰ pm.

Brian & Karen Ciesla

F. ROLDAN 14:10 - 21:00

Paul & Kerri Bachardy

San, Mary, Cassandra Kueher

WATCH OUT FOR NET!!!

Fay + Ann + Karen Wendt

7-20 Peter Smith 10:45-11:15 Ratched up
volley ball net

20 Suf 17:00-1745 Telescope Donation

4 Bd. MEETING

V-TOWER 7:22

R-L Nielsen MD 7:25 pm

Virgil Tangrey 7:25 pm 9:00 PM

Matthew McNeely 7:25 PM - 9:04 PM

P. Smith 7:30

Nick + Jean Nichols 7:30 - 9:00

F. ROLDAN 19:30 - 21:20

John A " 21:45

Ken Koehler

Raven Weener

Matthew McNeely 1:40 PM - 3:10 PM
work on lawn + parking lot - cut grass

F. ROLDAN. 19:30 - 22:30

INSTALLED SHELF FOR
SLIDE PROJECTOR &
DELIVERED 8" LENS, 200M

Paul Berchard 12:50 AM - 3:15 AM

6 VJ + MA Tangrey 7:27 10:15 PM

OPEN House #4 9706

6 F. ROLDAN 19:20

Brian Ciesla

Nick + Jean

P. Smith

R. Nielsen 7:15 pm - 11:30 pm

Mike Buchholz 7:00

Donald W. Barake 7:15 TO 11:30

Ken & Sally Wgraczynski 7:35 10:35

Dan Koehler

John A 8:15 - 3:00 AM

Paul Berchard 12:30 AM - 3:00 AM

1986
JUL 26

Garfk 9:00-1:30 WORK ON DOME DRIVE
R. Kieren 11:00 AM 1pm - bring ~~ladders~~ ladders
John A 2:30-5:30 PM - New Building work

~~L. Keith~~ 7:00 AM AAS Class
John Pfannerstill - 9:00 PM - 11:30 PM KEY HOLDER
G. J. J. 7:00 - 11:30 pm close
Donald W. B. awake 10:00 To 11:30

July 27 John A - 5:15-5:30 PM

July 29 John A 8:30-8:40 PM

July 30 Paul Bachatt 1:15 AM - 2:30 AM

July 31 L. Keith Tour 7:20
B. Cieslak

Tom Schmidt 8:30

Aug. 1 Paul Bachatt 12:00 AM - 2:30 AM

Aug 2 John A 10:00 AM - 11:30 AM Set up Dehumidifier
JOELLER 9 PM KEY HOLDER. 12:35

TR 7:10 pm - 1:40 am 6 C.M. Timings JUPITER

W. H. 10:00 Where Sam when you want him?

Sally CO. 9:30 PM - 11:15

Aug 4 M. McNelly 2:25 PM work on lawn
maintenance / completed 4:20 PM

Aug 6 Staff Meeting?

John A 7:40 PM - 9:00 PM
Timothy P.P. Roberts 2000 - 2100
Ray W. W. W.
B. A. Gibson

August 7th Peter Smith #7 Portascope taken
for carpenter Greenlusk - Found entrance
cable had been run over - damage to tree
and unable to close due to support tilt.
6:30 PM. Telescope closet found unlocked

Aug 7 John A Borrowed "Apogee Scope" for
camp out - found power on.
7:40 PM

7:50 P. Smith Returned for tools.

AUGUST 8 OPEN HOUSE #5

Brian Greshak

7:00-10:30

Ken & Sally Waraczynski 7:15

Viggo M. & Tangney 7:30

Don Kaeber

Greg Siegler

Deborah Frey

Nick + Jeannie Nichols

9900

0073

181

15.61 PARK

87.55

METEORIC
P. K. LUTS

+ DONATIONS

7:00-10:30

Aug. 9 Paul Bachatt 12:30 AM - 3:30 AM

August 10 Tom Schmitt 9:30 12

Aug 11 TRoss 12:03 Both Tom & I

Found Chain down!

TIMED III E_c D TIMED 4 cm TRANSITS (Jup)

Seeing 4-6 TRANS 5 OUT 1:15 am

AUG 11 Safe 20:30 - 1:00 6 EB MIN 1 RR MAX

CRIMPON ON 'B' DOME FAILED, SOUTH CABLE
LOOSE, DO NOT USE UNTILL REPAIRED.

AUG 11 9:00 TO 1:00 AM USED 10" TELESCOPES FOR "M" OBJECTS
J. Kube & Dorothy Kube

Aug 12 Peter Smith 7:30 PM Returned #7 Portascope

1986

- Aug 15 Nick Nichols ✓d out port-a-scope #7 + mount #10
(mount #7 is busted.)
- AUG 16 FRANK ROLDAN ENTRANCE CABLE & SECOND CHAIN
09:30 - 10:00 RUNED OVER. DAMAGE TO support pps.
TOOK BULLHORN & 1 STOPWATCH.
- John A. 9:45 AM
Suf 2 10:30 - 1:00 WORK ON PARKING
LOT CABLE, REPAIRED B DOME
- AUG 16 - J.T. 7 Rim.
6:50 pm
Suf 2 20:45 - 4:00 Key HOLDER
J. Kube 7:30 PM
Dorothy Kube
Here for class on telescope accessories
& to find more "M"-objects
- Gene Hansen - In from Phoenix, AZ
6 EB min, 2 RR MAX, PARTIAL V342 AQL
≈ 2 Hours LATE, AM SEEING GOOD
- Aug 18 Board Meeting
7:00 J. Kube Nichols Hgt
John A
- AUG 19 F. ROLDAN 20:07 - 22:15 RETURNED STOP WATCH & BULL HORN
R. Lundgren 20:07 - 22:15 REVIEW TELESCOPES
OPERATIONS - NEW MEMBERS
- Aug 20 M. McNeely 8:40 AM lawn
11:25 AM maintenance

Aug. 21 nichols - Returned port-a-scope #7 + mount #10.
This should help alleviate the problem
with the masses of people waiting in
line to use a port-a-scope.

OPEN HOUSE #6 0100

AUG 22 F. ROLDAN - 18:50 - 20:15 0126

Donald W. Barke 7:00 - 9:30 - 26
J. J. Jolly 9:11 186

R. L. Keenan MD - 7:30

Nigel T. Angrey 7:20 P 8:30 P

San Kee Lee

Matthew McNeely 7:40 - 9:30

John A.

Aug 23 R. Keenan 7:30 - 10:15 pm - note damage
to cover of Patrol Camera since
last night. Someone pried it open *underscope gone*

Sally Wondolynski 7:40 - 11:00

Sally Wondolynski 7:40 - 11:00

Donald W. Barke 7:30

Don Schaefer 7:30

John Angstrom - Keyholder

Thomas Milner 7:45

Jein Jacoby 7:45

James Apple 9:40 SKT 2 Telescope 1981

Ray Wendt 10:00 8:30

**Aug 23:00 - 1:45 REMOVED PATROL CAMERA
FROM ENCLOSURE TO PREVENT DAMAGE
OBSERVED RIZING LEG OF V342 AQL**

AUG 25 F. ROLDAN 19:00 - 20:15 Took Pictures - OBS.

1986

Aug 26

N. + J. Nichols - 7:00 - 10:00^{PM} tour - scouts
 Lock missing from front gate. Appears to be
 kids with motorcycles playing on the grounds -
 tracks + skid marks all over driveway + lawn
 Brian Cieslak - Was going to borrow scope but
 COULDN'T FIND ANYONE to give my money to so decided
 NOT TO TAKE ONE. SO MUCH FOR OCCULTATION PROGRAM!!!

Nichols - *Note also found that satellite shed
 door was broken into + door left ajar.
 Door bolt was sheared off. Building appears
 to have been rummaged through.

AUG 27 ~~Sniff~~ REPORT DAMAGE TO POLICE
 Sniff INSTALL LOCK ON SAT SHED

SEPT. 3 Paul Bachack 7:50^{PM} - 8:15^{PM}
 Nigel Torgrey 7:30P - 8:15P

Sept 4, 86 M. McNeeley to 5:00PM - 7:10PM
 lawn maintenance
 Sniff 20:00 - 23:45
 3 EB MIN 1 RR MAX, DESK LIGHT IN
 B DOME OUT.

9-5-86 Brian Cieslak oops! wrong nite
 Sniff 18:30 - 21:00

9-6-86 Jim & Dorothy Kube 6:55 PM
 Came for class on Variable Stars
 TRoss took home dome Drive wheels for some work
 7:30 - 7:45 pm / 10:30 pm - 12:00 am 1 cm. TRANSIT TIMING (up)

9-7 TRoss 10:45 pm - 1:00 AM 1 cm. TRANSIT TIMINGS (Jup.)

Sept 8 Paul Bachack 8:00^{PM} - 12:00^{AM}
 Sniff 19:30 - 23:15 6 EB MIN MAX
 B. Cieslak 8:00 - 8:30 Borrowed book on MARS
 Karen Cieslak

Sept. 9 TROSS 1:00 AM - 3:00 AM 1 cm TRANSIT (Vp.)

Sept 12 Open House #7

7:00 p.m. Dan Kuebler out 1:20 p.m.

7:10 pm MAX V. J. Tangney 9:45

7:10 pm R. Hiesey MD - 10:30

7:30 M. McNeely - 10:50

8:07 Mr & Mrs James Kube - Here to help?

8:37 Greg Kyles

Keth Marquardt TIBDIXIE

Shut Shut Waukesha WI 53186

Shawn Malak 3016 13th St - Waukegan, WI 54401

Virginia Lanster 4359 So. 35th Greenfield, WI 53005

MSOE Astronomy Club 1025 N. Milwaukee St. Milwaukee WI 53206

Shane Swoboda, 17924 Wagner Rd, Kiel WI 5306

Bill Hoffmann, 6388 W. Arch, Brown Deer, WI 53223

~~Harold Streeter, 19000 W. Oakes Valley Rd. 5315~~

9:00 John Eisert 4759 N. 35th Milwaukee WI 53209

Sally-Ken Waraczynski 7:30 - 10:00

TOELTZ

Karen Wesson

Peter Butcher 7:30 - 11:00

9/13/86 M. McNeely 9:50 - 11:30
Lawn maintenance

Dan Kuebler 12:00 Garbage pick-up

9/15/86

BOARD MEETING

F. ROLDAN 19:05 - 22:15

John A

Matthew McNeely 9:55

Virgil & Mary Ann Tangney 7:30 P 10:00

John & Jean

1986

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9-19

Brian Ciesla

returned MARS BOC

2130-235

9-19-86 Membership Meeting

7:30 pm R. L. Hagen

San Kuebler

Donald W. Barke

Virgil Tengry & Mary Ann

Matthew McNeely

J. TOLLER

Ray Smith

Steve

Timothy P. P. Porets

Jim Kube & Dorothy

F. Roligan

Sept 20

Snipe 8:30 - 12:00

WORK

TOLLER 8:48

R. Neuen 8:55 - 11:30

Donald W. Barke 8:30 - 11:30

Virgil Tengry 9:00A - 11:30A

M. McNeely 9:10 - 11:10

Peter & Jon Smith 9:00 -

F. Roligan 09:00 - 11:30

P. Hara 9:01 - 11:30

Ken Warasymush 9:00 - 11:40

Jelly Warasymush 9:30 - 11:40

A. Benjkin 9:50 - 11:30

of Kuehler 8:45 - 11:30

San Kuebler - 9:00 - 11:30

Sept 21

J. TOLLER 9:00 AM - 12:30

REMOVE ITS FROM G-MACHINER

DO NOT SCRAP

Sept 23 Virgil & Mary Ann Tengry 8:30A - 10:30A
Dome ext. Painting 12:30P

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1986

9-27 Tom Schmitt Keyholder 7³⁰ 8⁰⁰ no show
 Safe 9:00-1:00 3 EB MINIA

9-28 M. McNeely 9:15 - 11:00 AM

Camp maintenance

9-28 digit Mary Ann Tonguey 12:50 PM ~~4:00~~ PM

Sam Kaeber 12:50 - 4:00

Safe 1:00 - 2:30

F. ROLDAN 13:10 - 16:00

F. Ross 3:30 - 3:45 Brought Back Dome Drive

Roller wheels + roller chain + MASTER LINK

9-30 Safe P-SCOPE #5 FOR GRAZE

10-1 Julie K. Fry 7:30 pm

Found door
OPEN

John C. Taylor
 Scott Zickow, MD
 R. Wierse, MD

BAD Boy
 dt

J. Taeler 7:30 8:39

OCT 4 Safe 12:30 - 2⁰⁰ Delivered
 Schmitt 12:30 2⁰⁰ Cedar Scope

10/4 G. Croslick 15⁰⁰ - 20⁰⁰ 26" DEC DRIVE

OCT 5 Safe 16:40 - 6:45 9EB MINIA 1 RR MAXIMUM
 RETURNED #5 P SCOPE

Oct 6 Jeannine + Nick Nichols - Tour - Scout group
 7:00 - 8:30 no show, beautiful skies!

Oct 7 F. ROLDAN 19:30 - 22:45 TOUR SIERRA CLUB

Oct 8 F. ROLDAN 19:45 - 22:30 Cover up "A" Scope for
 Camp cleanup 19:45 - 22:30 Dome SAND BLASTING
 Repair DOOR CHAIN "B" build

5:30 9 Oct Dan Keeley - checked on "A"-dome
Progress

NOTE: LEAVE BOTH CHAINS
ON THE UPPER/LOWER GATE
UNLOCKED

Also - do not track sand
inside dome all over - stay
out - there's nothing to see!
We will clean up on Sat 10 Oct.

Oct 9 Snrk 19:00 - 0:15 11 EB MINIMA

1000

Oct 10 Snrk 19:00 - 2:00 12 EB MINIMA

11 Oct Dan Keeley - 9:30 a.m. - 4:30 p.m.
Matthew McNeely 10:00 a.m. - 12:15 PM
F. ROLDAN 11:45 - 16:45

Tom Schmitt 1200 200

John Gault

John Gault 12:00

John Gault 12:00

~~John Gault~~

John Plannertill 12:00 - 2:18 PM

Paul Bachast

Virgil Tangney 12:00 2:25 PM

Virgil Tangney 12:00 2:25 PM

KEY HOLDER

6:30
RAIN

12 Oct

1000 PM John A. cleaned A-dome
out 2:45 PM Sound lower chain unlocked!

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1986

Oct. 15 Nick + Jeannine Nichols tour

6:00 AM 9:15 John Angelino planets - Mars, excellent

Nichols - tour of advanced astronomy class of St Pius High School. although there was almost a full moon, skies were very clear and steady. a very serious interest was expressed by all the well-mannered young adults! 6:30 to 21:00 hrs.

7:00 Frank Ralston > projector & screen
Don Keebler > free meeting
Sufr 9:30-15:45 WDRK
Don Keebler 10:30 - 12:00 proj. & screen
G. Cieslak 10:30 - 26" dea drive
Vigil Torrey 10:50 11:50
Tom Schmitt 11:20 to 3:45
Paul Hess 10:00 - 3:00

Paul Bachatt K&H - HOLYER 9:00 OR 11:30
Mike Buckley 9:45 - 11:00
Linda Hense 9:45 - 11:00
Pete Smith 8:50 - 11:00
John A 7:45 - 11:30 PM

10-8 Tom Schmitt 2-3

10-20 Karen Wesener Board Mtg. 6:50
Lee Reich " " "
Sufr

Nick + Jeannine Nichols
Matthew McNelly
Vigil Torrey John A.

10-22 Tross 1:50-2:40 am TIMED I.E.C.R

10-23 Tross 2:50-3:00 pm

Roller chain Sprinklers to Done Drive in

10-24 5:30 L. Keith, Tour for "Junior Astronauts"

6:50 Dan Kuehler - Scout Tour

60
people
good
group
out at
9:30

I delivered more MAs brochures - they
are in the small white cabinet.

7:44 Lee out.

10-25 John A - work (installed patrol camera)

100 PM - 220

Tom Schmitt 100 - 8 220

10-27 John A. 6:15 PM - 11:15

Nick + Jeannie Nichols - tour Boy Scouts 7:00^{PM} - 9:00

10-28 Dan Kuehler - opened gates & covered

7:00 PM A-scape for painting of A-clone on 10/28
See Note. DO NOT LOCK GATES.

10-29 Paul Bachartz 9:00 AM : 3:00 AM

10-30 F. Robson 18:00 - 20:45
P Smith "

TOUR

11-1 M. McNelly 9:10 - 11:55

work on lawn maintenance

Dan Kuehler 9:10 - 11:10 - manual
maintenance & uncover A-scape
painting has been done.

86 Swift Pscopes #5 and #9 1 TIMEK4BS
FOR AURORA OCC

1 1:30 AM - 2:15 John A
94 Aurora occultating, no contacts seen
Swift Ref P scopes
Paul Bachman 7:00 -
Chris Nesbitt 7:15 -

in Angstrom
Jeller

Henry GERNER 7:45

Woraczynski 7:30 - 8:45

Pete Smith Tour 6:30 - 9:00 PM
30 people

Toeller 13:00 - 14:30 INST GRASS DEFLECTOR
Roldan 13:50 - 14:30 Install RED LENS ON "B"
Garris 19:45 - 20:50 scope DESK LIGHT. TOOK SLIDE
no members Keyholder protector, amp, screen will return
- clear but very windy - TOMORROW 11-9-86.

F. Roldan 15:00 - 15:45 RETURNED EQUIP. TAKEN 11-8-8
Replaced plug "B" scope slit pos

10:00 - 1:00 PM
M. McNeely - work with own equipment
San Kachler - major maintenance and
gas huge pick-up.

Paul Hess 11:00 - 1:00

11:30 AM - 2:30 Fix Flat on Trailer Nesbitt

PETER SMITH 12:45 ~~took out the~~
~~photograph for bug~~

Nesbitt 12:45 - 3:30 work on trees

1986

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Nov 21 *Sniff* 20:45 - 6:00 15 EBs 215 OBS

Nov 22 F. ROLDAN 11:00 - 15:45

INSTALLED TEL.
ANSWERING MACHINES

Paul Hess 11:00 - 3:30 Fin. DOORS

Nov 24 *Sniff* 17:30 - 24:00 10 EBs 2 RRs 215 OBS.

nick + Jeannie Nichols - 6:30 - 9:00 ^{9:00} tour St. Pius H.S.

Lee Kuch 6:00 - 8:45

Nov 26 JplA 11:30 PM - 4:45 AM

photos of Orion - Moon
50 mm - 600 mm FL

Nov. 27 Paul Borchardt 10:00 PM - 10:30 PM

Dec 2 L. Kuch 6:15 AM - 7:15 PM No TOUR!

Dec 3 John A Staff Meeting 7:15 PM - 9:00 PM

JIM TOELLER

B. Wiesner 7:30 pm 9 pm

F. ROLDAN 20:00 -

K. KERANS 20:00 -

S. Werniczynski 7:30

Dec 4 *Sniff* 17:30 - 23:00 12 EB MIN 174 OBS

Dec 9 *Sniff* 17:30 - 22:00 7 EB MIN

DEC 11 F. ROLDAN 16:10 PICKED UP SYNCHRONIZER / TAPE DECK

Dec 14 *Sniff* 17:00 - 21:45 8 EB MIN 107 OBS.

Dec 18 PETER SMITKA 8:00 - 9:00 AM

19 Dec. Dan Kuch 7:30 p.m.
picked-up projectors for meeting

20 Dec. Dan Kaeber - 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 Kaeber 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 ^{BELL} 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
 H. B. 19:25

Paul Hess 19:20 20:40
 Virgil Tongue 19:30 20:30
 Dan Kaeber 7:35

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

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

JAN 10th Nick 11 AM Plowed out Driveway
 every thing looked ok 1230