

JAN 1, 98

DAN + HELEN YANKO Happy New Year !!!

17:00 - 18:15

HANG! FRAME MESSIER POSTER

VIEW JUPITER, SATURN CRESCENT MOON

SKIES HAZY, VERY WINDY AND COLD.

-7-98

Scott Laskowski 16:50-21:35 1st Wed.  
Library work,

Sfz 19:30

Citrus Wood 19:30

Dave Potter 1930 - 2100 Looked around

AL WHITE, NEW MEMBER 1<sup>st</sup> WED MTA

C. W. Smith 19:40 - 20:00

1-16-98

L. Keith 4:45 PM Got projects &amp; excel

1-18

Hesselt 0:15 - 0:30 Lower Chain open

1-20

Scott Laskowski 13:00-13:20, Library work

1-25

Hesselt 12:00 - 12:30 A Dome OK

1-30

Scott Laskowski 11:25-12:50, Library work

JAN 31

Sfz

2-4

Scott Laskowski 19:05-20:45 1st Wed.

Sfz 19:20

Jim Burrows 19:31

Hesselt " 20:45

Julia Jy - New member showed up to  
pay dues & turn in form

Paul Bachack

Long John

2-8

SCOTT JAMIESON 19:00 1920

CHECKED GROUNDS

CHAIN NOT UP - LYING ON  
GROUND!!



1998

2-14 Scott Laskowski 18:50-19:50  
Member Night, Library work, cloudy

FEB 15 *SJL* MEASURE FOR NEW CABLE

2-21 SCOTT JAMIESON - 17:00 -  
MEMBER NIGHT, CLOUDY WORKED  
ON CCD IN Z POLE.

3-4 Scott Laskowski 19:05-20:25 1st Wed  
CHRIS WERNER 19:10 - 20:25 "

*SJL*  
C Mueller 19:10 - 20:10

3-7 SCOTT JAMIESON - 1700 - 20:30

MAR 14 *SJL* CHECK GROUNDS

March 15 Hesseffner 10:30 11:40 ✓ Grounds

MAR 21 DAN YAUICO SATURDAY KEYHOLDER  
17<sup>00</sup> TO 20<sup>00</sup>

\* Checked STORAGE shed back

\* Checked STORAGE shed front

\* Swept out B scope

\* Swept out A scope

\* TOOK LOCK from lower cable (BROKE) AND  
LOCKED the upper cable

OBSERVED M42/M43/M41

B scope

SCOTT JAMIESON 18:00 -

*SJL* 18:30 - 20:00 STARTED 5 EB'S  
CLOUDED OUT.

MAR 25 L. Kind I have borrowed the 1998 Observer Handbook  
MAR 21 " Returned Observer Handbook

March 29 Brian & Ann work on Z-scope position  
tracking

3-28 Scott Laskowski 14:30-15:30 Library

3/28 Ken Waraczynski 1940 - 2020 No Takers  
o Sally Key Holder



MAR 29 *Snk* 10:30-12:00 REPLACE PARKING  
LOT CABLE.

4-1 Scott Laskowski 18:55-21:10 1st Wed.

4-1 *Long Shaka*  
*Hussein* 19:45-21:15 1st Wed.

*Snk*

Paul Bacha 8:30-9:30

4-4 Vern 13:30-15:30 DIO SOME BURNING

4-4 SCOTT JAMIESON FIRST SATURDAY (#1)  
18:00

4-4 DAVE D. JULIA First SAT. (#1) 790-9788  
8:45 Willing to help on grounds or anything else  
AL WHITE FIRST SAT  
6:45

4-4 JERRY BIALOZYNSKI FIRST SAT 18:45

4-4 Jim H D Brum Gouere Z Scope  
XL-200 none follow programming

4-4 Ship Hule 329-9638 First Sat 19:00  
4-4 Dave Potter First Sat 19:00  
4-4 Mike Marmore " " 19:30  
Rory Fintak " " 19:30  
VERN 18:30-21:30

4-11-98 DAN YANKO observed full moon  
HELEN YANKO VISIT LIBRARY  
20:00  
22:45 checked out Z scope with Scott

4-13-98 5:45-9:15 L. Kirk UWW Class

APR 17 *Snk* 21:10-4:15

OBSERVED ECLIPSES OF 14 EB  
STARS. MADE OVER 200 OBSERVATIONS

Apr. 18 Results 13-08-11-30 Clean & Photometer  
MOVED GRASS — SCOTT JAMIESON CLEANING 13:00 14:00  
ASSISTANT JERRY STROUD 17:00 18:30  
Scott Laskowski 15:10-16:00 Library work  
Quanset back door was open - COME BACK WITH



APRIL 18 (CONTINUED) MOWED GRASS  
TOOK LASER COLLIMATOR HOOD  
TO REPAIR INTERMITTENT CONTACT.

April 19 S. JARVISON  
Night 11:15 - 12:05 Clean & Down  
Suff 12:30 - 16:30 YARD WORK

April 20 L. Kuth 5:40- UWW Class

4-22 Scott Laskowski 14:45 checked grounds  
nice job on grass S.L.!

APR 22 Suff 19:45 - 0:15 6 EB minima  
2 RR MAX

4-22 Brian Gurne & Jim Huff 7:30 - 11:1  
Z-scope Calibrated check star Observed  
M57 etc about 15 galaxies & clusters to  
M103. Had trouble with 11.5 mag. Galaxy  
around UR54 Major (the owl, m101 we couldn't  
see even through me on them. We were using  
the high-powered eyepiece to locate all  
objects and they were popping in beautifully  
until going for east. Because of mechanical  
play we recalibrated. Then objects were  
back on. Its a good idea to recalibrate  
on a large star in the constellation you  
going to. Go to the Telescope pull down  
menu & skew down to syne (star name)  
click left mouse key and the program  
resyncs. To move to new object click right  
mouse button going down the pull up menu  
to skew (star name) click left button and  
telescope moves to object.

It was the first time using the auto  
function & with a little of Brian's guidance  
I was going all over the place. Just plug  
the plug in the wall. (People must checked-out  
to use the Z SCOPE.) the PC boots up to  
shey map. Open dome & take off covers  
(this is assuming pairs to scope and dome are  
on.) Then you're ready to go. With  
training & repetition moving around your in  
for a fun night of sky gazing. See @ the  
Next meeting for training



APR 24

VERN 18:00 - 21:30 OPEN HOUSE 35 prop  
 Scott Laskowski 19:45 - 21:30 "  
 DAVE D. JULIO 19:00 "  
 Julie Gray 19:18 "  
 Jerry Gluck 19:22 21:30 "  
 Dan Yanko 19:50 21:30 "  
 Chris W. B. 19:30 21:30 "  
 Dan Smith "  
 Greg Siegler "  
 Jeff Marinella "  
 Mark Marnelle "  
 Deborah Fry

4-25

Scott Laskowski 14:45-15:05, Library  
 VERN 14:45 - 18:00 OPENED UP GROUNDS  
 FOR STAFF DISSO CUB SCOUTS GROUP.  
 WHEN CLOSING Z-DOME THE CHAIN  
 CAME UNHOOK. HOOKED IT BACK UP, WHEN  
 LOOKING AT THE CHAIN THERE'S MANY  
 PLACES WHERE IT'S CRACKED. WE NEED  
 A NEW ONE.

4-27

VERN 22:15 - 1:30 HERSHEL, VERY NICE  
 NIGHT, OBJECTS WERE SNAPPING INTO VIEW

5-1

OPEN HOUSE (2)  
 SCOTT JAMIESON  
 Scott Laskowski 18:50-20:30  
 VERN 19:10 - 20:40  
 DAN YANKO 19:15  
 JERRY STROUD 19:30  
 RANDY CULP 19:30  
 PAUL CULP 19:30  
 DON BUCHHOLZ 19:30  
 BRIAN BUCHHOLZ 19:30  
 JILL BUCHHOLZ 19:30

5-2

Scott Laskowski 14:30, Library  
 back door unlocked  
 SCOTT JAMIESON 1ST SAT  
 Ship Rock

Carl Hahn Lake Geneva  
 JERRY BIALOZYNSKI WIND LAKE



1998

5-2

SCOTT JAMIESON - REPAIRED  
RA REABOUT B-SCOPE  
ALSO REPLACED DOME FIDDLE  
LIGHT SWITCH.

5-6

Scott Laskowski 19:30-21:00 1st Wed.  
CHRIS WEBER 18:30 REMOVE TREES - 21:00 "

SJR

19:15 - 21:00

Hessell 19:45 21:00 First Windy

5-8

VERN 18:50 - 0:30 103 PEOPLE

Pam D'Julio 19:30 open house

CHRIS WEBER 19:30 "

Long Hook 19:40 - 22:30 "

Simulas & Rivards 20:30 "

Julia Fry 20:30

I. Booth 19:30 - ~~21:00~~ 0:30

Deborah Fry

MAY 9

SJR

19:20 - 20:30 COMET SOHO

DOWN IN THE CLOUDS

VERN

18:30 - 22:45

KEYHOLDER, CUT SOME  
OF THE GRASS / 2 VISITS

5-10

VERN

18:10 - 19:30

CUT THE REST OF THE GRASS

5-12

Hessell

19:00 - 19:05

Stopped by

5-15

Mar Mealey - Bilechum nutty

Bruce Horner

Jim Hoff

Scott Laskowski 19:25-21:20

General Election & Board Meeting

Julia Fry

Danyanko 7:45

Bob Kempha

SCOTT JAMIESON

Margaret + Catherine Warner 19:50

SJR

Z. Keil

I. Booth

20:00 - 22:00

CHRIS WEBER



5-15 VERN - 19:30 - RETURN THE CLARK REFRACTOR  
 Kube 19:59  
 Carl Kuhn ~~19:30~~ 21:00  
 Hershel 19:00 - 21:00  
 Dave Weber 7-10 PM  
 Hal Simmons 7:30-10 PM  
 Wagon Bonner 8:00 10 PM

5-16 Scott Laskowski 15:15 checked grounds/library  
 VERN 20:00 - 1:45  
 DAVE D. J. 21:00  
 Tim Hill 21:00 (observed Orion, Her, Cygnus, Boreas)  
 Smith 20:00 - 4:30 OBSERVED MINIMA OF  
 6 EB STARS AND MAX OF 2 RR LPR  
 STARS. S/NOVA IN M96 VERY BRIGHT.  
 SHOT VIDEO OF SEVERAL STAR FIELDS  
 TO DETERMIN FAINTEST MAG.

5-22 Scott Laskowski 9:25-14:25

Library work, cut grass

5-22 SCOTT JARIESON 18:17

CHECKED GROUNDS GOOD JOB SCOT  
 LAS.

5-26 VERN 20:00 - 1:15 HERSEL

5-29 Scott Laskowski <sup>KID. Lunar Occ.</sup> 18:40-23:20 Open House

VERN 18:55 - 1:45

Ken Waraczynski 19:30 - 22:50 " "

JEFF MARINELLE

Sally J. Michalke 19:40 " "

Sally Waraczynski 19:30 - 22:50 " "

Timothy J. Burrus 19:42 " "

CHAS WEBER 19:30 " "

Wes EHLKE 20:15 " "

Paula & Warren Trent / Fox "Photo Program"

Jerry Shoud 19:00

Tim & Joan Peltan 19:45

L. Zech 7:30-11:00

SCOTT JARIESON

Tim Hill 7:15 - 12:00

5-30 Scott Laskowski 14:55  
 checked grounds



5-31 SCOTT JAMIESON - STORM DROPPED  
TREE ON POWER LINE AND  
RIPPED OUT SERVICE - NO POWER

*Smp* 10:00-11:30 CUT UP DOWNED TREE  
POWER LINE TIED TO A DOME  
DO NOT ROTATE DOME

5-31 Read about Sally & I took 2 Doms  
computer to map drive (Back up) & 19" Mon  
back to fault for Brian (BAG)  
TJH

6-1 CHECKED GROUNDS - POWER STILL OFF  
18:30

6-2 Power turn on 20:47-20:55 Newsletter  
CHECKED GROUNDS S. JAMIESON

6-3 Scott Laskowski 19:10-20:55 1st Wed  
T. Booth 19:15

*Smp*

CHAS WOOD 19:20

6-3 HENRY Gerner 20:15  
Newsletter 19:40 - 21:00  
Paul Bonchatti

6-4 Map 2 Scope Computer (faults on for  
to back up Program (BAG) & Returned  
Hatched to 2-Scope

JUN 6 *Smp* 11:00 - 15:00 *fairhoff*  
REPAIR STORM DAMAGE TO  
A BLDG.

SCOTT JAMIESON 12:00 - 15:00

— SCOTT JAMIESON 19:00 - 22:30  
1st SATURDAY

Rudy Pokluf

JUNE 8 BOARD MEETING

SCOTT JAMIESON 18:00 2100

*Very*  
Scott Laskowski 19:00-20:50  
David Abernethy + 19:20  
Sally Jones + 19:20  
19:20



6-8-98 King, Stanley 19:20

*Spr*

Margaret Warner 1930  
Sally Waczynski 1930-2000

6-10 Scott Laskowski 8:45-10:20

The Power line was reattached to A building  
The line was too taught to anchor to  
the new rafter. He suggested we can  
reattach the pipe, with a new  
connector, to the building.

6-16 Paul Bonchatti 4:45-5:15

TOOK 18" SCOPE FOR W.O.W.  
CAMP-OUT, ALSO HAVE 32MM EYE-  
PIECE & LASER

L. Kirk - Hot back Wien 12 1/2" scope 4:45-5:30

6-17 Scott Laskowski 17:15-18:05

Fire Extinguishers have been  
re-certified for the year by  
Martha Fingleton.

6-19 Scott Laskowski 16:55-17:40

Midwest Fire Pro. returned / recharged  
Extinguisher, watered tree

6-20 VERN 22:30 - 3:25 HERSHEL, JUPITER

6-20 VERN 9:10 - 12:00 CUT SOME OF THE  
GRASS, WILL FINISH LATER  
19:30 - 21:00 FINISHED THE GRASS

6-21

SCOTT JAMIESON - REMOUNTED  
BOTH ENCODER HOUSINGS TO  
REMOVE PLAY. 20:00 - 23:30  
UNABLE TO TEST ON SKY (CLOUD  
BUT APPEARS MUCH TIGHTER.

NOTE  
NEXT PAGE



50W  
5-28 DO NOT USE Z SCOPE  
SLIT CHAIN IS BROKEN  
ON BOTH SIDES!  
WILL HAVE TO BE REPLACED  
SCOTT JAMIESON 8960119

6-29-96 Scott Jamieson fixed Z-Domino  
slit chain No. 35. Brought  
(Guest) Andy Hennoushi + Tom Huff  
observed different objects while  
Scott. Tested CCD camera after  
rewiring (dog chews cables)

TJH JAMIESON 2100 - 00:45  
Z SCOPE DOME O.K. REPLACED  
7 LINKS ON ROLLER CHAIN.  
SCOTT

6-30 Scott Laskowski 9:40-11:00  
Fire Inspection - no violations

7-1 Scott Laskowski 13:10-13:35, 18:45-22:45 1st We.  
watered tree, Library,  
general work

Paul Bonchait 2:30 -  
RETURNED 18" SCOPE, 32 MM  
EYEPiece, AND LASER.

7-2 L. Keel 4:45 -  
Rearranged chairs + Tables for UWA class next  
weekend.

7-4 T. Ross 7:45pm - 12:45am Key Holder  
SCOTT JAMIESON 20:00 - 00:40  
1ST SATURDAY

7/4 Vern 19:00 - 00:40 CUT SOME OF THE GRASS  
Carl Kahn MAS  
2 GUESTS S.J.

7-5 - Vern 11:00 - 13:45 CUT AND TRIMMED THE REST  
OF THE GRASS

7-9 Scott Laskowski 9:50 checked ground  
nice job on the yard work Vern!



7-10 4:40-5:00 *Leif* Dropped off telescopes  
for UMW Telescope Class

7-11 8:45-1:30 *Leif* UMW Telescope Class

!!  
PLEASE DO NOT DISTURB CLASS  
MATERIALS - WE ARE FINISHING  
NEXT SATURDAY MORNING.

JUL 11 CARIS WEBER 11:30-12:30 BJAN  
*Spr* 21:45-2:45 MEMBERS NIGHT  
CLARIS WEBER 22:00 - 60:10 3 MEMBERS  
VERN 22:10 - 0:15 3 FB STARS  
2 RR STARS

7-12 VERN 19:30-20:30 CLEANED OUT THE REFRIGERATOR  
Vern 21:49 - 22:00 1 Ur

*Spr* 22:50-22:50 V393 SCO

7-13 VERN 19:30-20:30 TURNED THE REFRIGERATOR ON,  
SPRAYED THE GRILL WITH OVEN CLEANER

*Spr* 22:50-23:05 V393 SCO

7/15 Ken & Sally Waraczynski 10:00 - 10:50  
Grounds Work

7-15 Scott Laskowski 11:50-12:25  
Picked-up Al cans, put a box of  
baking soda in the refrigerator

VERN 19:20-20:30 STARTED CLEAN OUT THE GRILL  
STILL NEEDS MORE OVEN CLEANER

7-16 VERN 18:50-

*Spr* 19:00-22:30

OBS COMMITTEE  
MEETING

SCOTT JANSERON IN  
Daryl Stangor 19:00

out 21:40  
21:00

C. Nease 18:30

21:40

*Jimmy Giff*

7/17 Dan Yanko Drop off picnic supplies 20<sup>00</sup>-20<sup>30</sup>



1998  
JUL 17

Spr 21:25 - 4:30  
JAMIESON - 22:30  
- 03:00

13 BB STARS  
3 RR LYR STARS  
JUPITER  
SATURN

VAN. 22:05 - 2:30

JUL 19

8:45-12:00 L. Leach UWN Telescope Class

July 18 13:30 - 20:45 Ken & Sally Waraczynski,  
A-dome was open - stairway  
to A-scope open - 2 chairs  
outside building

VERN

CHAS WEBER - meeting PICNIC - 22:30

Spr

Winner Party 13:00

SCOTT JAMIESON

JEFF MARINELLI

AL WHITE PICNIC

July 19  
Jerry S.

HAD A GREAT TIME AT THE PICNIC.  
Thanks TO ALL who came and all  
who helped out.

DAN + HELEN YANKO

BADMINTON CHAMPS

Scott Laskowski 15:05 - ROYCE 22:15

Bfd Mgt & Picnic, BLUR, M's 23:4

Carl Hahn 4:30 - 9:00 Picnic

Tim Burrus 5:00P - 9:30P 11

JUL 19

Spr 15:00 - 17:00 CHECK DIM'S

Scott Laskowski 18:05 checked grounds

7-20

Scott Laskowski 9:00 - 17:15  
general, library, & history work  
slide inventory

Tom Williams 9:00 - 5:00

Reviewing MAS Archives by the courtesy  
of Scott Laskowski. This society and it  
site have



it is a pleasure to acknowledge the fine effort  
 of WAS's historians present and past, in  
 capturing this record for historians to utilize.  
 Thanks and best wishes to all.  
 TRW

7-24 SCOTT JAMIESON 22:30 - 24:00  
 TESTED ~~HOMEMADE~~ HOMEMADE FOCAL  
 REDUCER FOR Z-SCOPE. SUCCESSFUL  
 AT DOUBLING THE FIELD OF  
 VIEW. ESTIMATE EFFECTIVE  
 F-RATIO OF .6 NORMAL i.e.  
 $F/9$  IF ORIGINALLY  $F/15$ !  
 UNABLE TO DO CRITICAL TESTING  
 OF SPHERICAL ABERRATION ETC DUE  
 TO CLOUDS MOVING IN, BUT  
 APPEARS TO WORK WELL ENOUGH  
 TO COVER CCD CHIP AREA AND  
 MORE.  
 P.S. GREAT PICNIC!!!

7-25 Scott Laskowski 7:50, took p-scope #10  
 to Yerkes for Adler Planetarium  
 fund-raiser.

*Spk* 13:00 - 16:00 YARDWORK

SCOTT JAMIESON 19:30 - 1:20

Bob Kempka

Ken Waraczynski 20:20 - 22:15 Key holder

Sally Waraczynski 20:20 - 22:15

JACK WATKE 20:50

*Spk* 22:00 - 4:00 MINIMA of 6 EB STC

*Spk* 20:100 - 05:12 RZ EQ4 - NO

TUL 27

*Spk* 21:50 - 22:05  
 V393 SCO BLVR

ECLIPSE AT PREDI

July 28

Negash 20:52 - 22:25 V393 SCO

Chudy

*Spk* 21:20 - 22:20 V393 SCO  
 BLVR

7-29

Scott Laskowski 8:45 returned  
 P-scope #10



- 7-29 SCOTT JAMIESON - 18:20 - 18:42  
CHECKED CROWD
- 7-30 SCOTT JAMIESON 21:00 -
- 7-31 2 SCOPE TESTS  
L. Kuhl 12:15 - 12:50 Dropped off MAS Computer!!
- AUG 1 98 KEYHOLDER / FIRST SATURDAY  
DAN YANKO 19:35 - 21:45  
SCOTT JAMIESON 20:45 - 23:30  
DAVE & JESSICA FELTON 8:30 - 10:30
- 8/1/98 Carl Kuhn 9:15  
Snp 20:15 - 1:45 OBSERVED MINIMA OF  
3 EB STARS AND MAX OF X2 CYG  
SW CYG RUNNING EARLY.
- 5 AUG 8p 19:20 FIRST WED  
MEETING  
Kuhl 19:45 - 20:40  
CHRIS WEBB 19:40 - 20:30  
Kip Stangley Picked up my things  
FROM PICK.
- 7 AUG. OPEN HOUSE  
SCOTT JAMIESON 18:30 21:40  
Dan Yanko 19:30 21:30  
Tim Burrus 19:46  
July 19:18
- 8-8 Scott Laskowski 7:30 took P-scopes  
#2,6 to Yerkes for CAA space Explorer
- 8-9 Scott Laskowski 18:35, took P-scopes  
#8,10 to Yerkes for the week
- 8-10 BOARD MEETING  
SCOTT JAMIESON  
Scott Laskowski 18:45 - 20:50 Library  
DAN YANKO 19:00 - 21:00  
Jerry Strong 19:00  
Snp



8-11 SCOTT JAMIESON 20:10-24:00

*SJZ* 20:10-24:00 CCD IMAGING  
W/ST6 CAMERA

Hemlock 20:45-23:30  
BORROWED LIBRARY TABLE  
FOR COMPUTER/CCD TESTS, WILL  
REPLACE THIS WEEK. S.J.

8-12 SCOTT JAMIESON 20:30 - 1:00

Hemlock 20:45 - 0:50 W/ST6

*SJZ* 20:45-1:00 CCD IMAGING  
V393 SCO

8-15 Scott Zaskowski 15:35 returned  
P-scopes #2, 6, 8, 10  
8/15 Carl Hahn 9:45

*SJZ* 20:30-5:00 OBSERVED MINIMA  
OF 9 EB STARS AND MAXIMA OF  
XZ CYG. CCD IMAGING

AUG 17 *SJZ* 21:00-22:30 TEST IMAGES  
FOR UMMS OCC.

SCOTT JAMIESON 22:00-23:00

DOWNLOADED IMAGES TO FLOPPY  
FOR PROCESSING AT HOME

AUG 18 *SJZ* 20:00-24:00 CCD LIGHT CURVE  
OF BO VUL - TOOK 59 IMAGES.

SCOTT JAMIESON 20:30-24:00

AUG 19 *SJZ* 20:20-24:00 CCD LIGHT CURVE  
OF V704 CYG - 65 IMAGES

SCOTT JAMIESON 20:30-24:00

CCD TEST COOKBOOK CAMERA

8-20 Scott Zaskowski 10:35-15:25  
cut the lawn

AUG 21 *SJZ* 20:00-20:30 DOWNLOAD CCD DATA  
ON BO VUL - V704 CYG

8/22 B. Ganiere 20:45-22:30 Keyholder  
Brought in some books to add to our library.

SCOTT JAMIESON

8/22 Carl Hahn 9:45

*SJZ*



1998

Aug 25

Henkel - 20:30 - 22:00  
 Surf 20:00 - 23:30  
 CCD LIGHTCURVE OF TY BOO

Aug 26

Henkel 20:15 - 21:15  
 Surf 20:00 - 22:30  
 ATTEMPT OCC OF 9.5 MAG  
 STAR BY URANUS - CLOUD  
 PROBLEMS. DOWNLOAD TY BOO  
 IMAGES FOR REDUCTION.

Aug 28

SCOTT JAMIESON 8:00 - 2:00  
 Lee Ford 9:00 - 12:30 with Erika  
 Surf 20:00 - 2:00 OBSERVED VISUAL  
 MINIMA OF 5 EB STARS  
 CCD LIGHTCURVE OF Y C46  
 Henkel 20:00 2:10

Aug 29

SCOTT JAMIESON - KEYHOLDER.  
 7:00 10:00

9-2

Scott Laskowski 19:10 - 21:20 1st Wed  
 Chris Henkel 19:35 - 20:50  
 Paul Barham 7:30 - 9:30  
 Surf 19:30 - 21:30  
 Chris Weber Buck 19:00 - 21:15

9-5

VERN 4:15 - 6:00  
 SCOTT JAMIESON 3:45 AM - 6:00  
 IMAGED HORSEHEAD - VISIBLE  
 BUT NOT DARK ENOUGH!

SCOTT JAMIESON FIRST SATURDAY  
 18:30 - 23:00  
 HENRY & RYAN GERBER  
 19:43  
 VERN - 23:00

9-8

SCOTT JAMIESON -  
 WORKED ON A SCOPE  
 SETTING CIRCLE DRIVE CLUTCH  
 FOUND MOTOR SHAFT SLIPPING  
 AND EXCESSIVE DRAG - WILL  
 TRY TO REPAIR THIS WEEKEND  
 SCOPE IS US



9-9 RUDY POKLAR + SCOTT JAMIESON  
INSTALLED CCD CAMERA INTERFACE  
BOX HOLDER ON A-SCOPE PIER -  
TRIED PROJECTION IMAGING ON  
A-SCOPE BUT AIR TOO UNSTABLE.

19:00 21:30

9-10 Paul B. L. 8:00-11:00 C.C.D. ON "A" SCOPE  
SCOTT JAMIESON - REPAIRED RA  
CIRCLE DRIVE. MOVED SOME GRASS

9-11 OPEN HOUSE 18:00 — 24:00

VERN - 18:30 - 1:15  
Scott Laskowski 18:50 - 23:15

Julie S.

Ellen Hawley

Dave Garcia

CHRIS WEBER 19:00 -

SCOTT JAMIESON

9-12 Scott Laskowski 15:00 checked grounds

✓ VERN 18:40 - 2:15 KEY HOLDER CCD

SCOTT JAMIESON 22:40 -

CHRIS WEBER 21:00 23:30

Carlos Graces 21:30 - 23:45

Nick Scholmet

Steve Dinesso 20:30 - 2:15 CCD

Tommy Hoff 1:30 (9-13)

9-14 SCOTT JAMIESON 10:20

BORROWED SOME CHAIRS. WILL RETURN  
IN 4 HRS

✓ VERN 13:30 - 15:00

SCOTT J. RETURNED CHAIRS \*20 DONATIONS

9-14 Scott Laskowski, 15:30-21:10, Board Mtg

Library work,  
general work

SCOTT JAMIESON

CHRIS WEBER 18:30

Mary M. Warner 18:30

✓ VERN

SR

FILE

1900



1998

9-15

Paul Brachet 8:00-9:30  
 Sep 19:45-24:00 CCD RUN ON  
 CW CAS.

Sep 16

Sep 20:00-23:30 CCD RUN ON V704C

SCOTT JAMIESON 20:15

Paul Brachet 8:30-11:00

9-17

Veen - 20:00 - 0:30 CCD

9-18

SCOTT JAMIESON - SEPT MEETING 18:00 02:15

Veen 19:00 -

Sep CCD RUN ON BB PEG

CHRIS WEBER 19:20

Tim Burrus 19:38

Carl Dahn 19:40

Margaret Warner 19:50

Unusually Tangary 19:50

7:30 -

7:45

Sep 19

Sep 14:00-17:00 BURN WARD  
 WASTE, COPY CCD FILES  
 TO FLOPPY'S

Sep 20:30-1:00 OBSERVED MINIMA OF  
 7 EB STARS AND MAXIMUM OF  
 2 RR LYR STARS

Sept 21

L. Kurl 6:00-9:30 UWN class

Sep 22

Sep 19:00-23:00 REPLACE DEGRANT  
 AND O RING IN CCD CAMERA  
 RUN ON IR CAS - SOME TRY CL

SCOTT JAMIESON - IMAGED NGC 7331

SPIRAL GALAXY AND

STEPHANS QUINTET!!

ALL 5 EASILY VISIBLE IN IR

Sep 23

Veen - 17:30-20:30 BUILDING COMM.  
 18:30

Bulky m. by Tim Hall

Sep

SCOTT

JAMIESON

Jerry Strong



9-25 Open House 158 people

Scott Laskowski 18:40-21:45

Scott Jamieson 18:40-21:50

Ben 18:45-21:45

Chris Weber 19:15-21:45

Lee Keith 7:20-

Karen Wesner 7:20

Jim & Dorothy Kube 8:00

Giff Marinelle 7:30

Mike Marinelle 7:30

James H. Hoffman 7:30

Ken Waraczynski 19:30 - 21:00

Sally Waraczynski 19:30 - 21:00

Carlos Garces 7:45 - 10:00

9-26 SCOTT JAMIESON 19:00 - 21:20

Ken & Sally Waraczynski 19:30 21:00

Sep 27 S/L 19:00-23:45 OBSERVED MINIMA  
OF 6 E.B. STARS AND A MAXIMUM  
OF X2 CYG CCD RUN ON V456 CYG

Sept 28 L. Keith 6:00-10:15 UWN Class

S/L 19:00 - 22:15 CCD DATA ON V456 CYG

Ben 19:00 - 22:30

Carlos Garces 19:00 - 22:30

Oct S/L 19:30 - 23:30 OBSERVED MINIMA OF  
4 EB STARS, CCD RUN ON WZ CEP

FOUND TRAY OF EYEPIECES OUTSIDE  
NEXT TO 'C' SHED, FULL OF WATER  
TOOK HOME, WILL TRY TO CLEAN UP

3 OCT SCOTT JAMIESON - FIRST SATURDAY  
REPAIRED A-SLIT WIND BRACE AND  
LUBRICATED BEARING - MOVES BETTER  
BUT NOT PERFECT YET. 17:00 - 21:30

Geny Biologyski

10-4 Scott Laskowski 12:45-15:50

Library - Book inventory

Jim Mayer 1:00-3:50

10-5 L. Keith 5:45-9:30 UWN Class

POLLUX (the computer) is in water

Z dome same as CASTOR (the other comp)

1998



1998

10-7

Scott Laskowski 19:15 - 20:55  
 CHRIS WEBER 19:15 - 20:45

Suff

19:15 - 21:00 1ST WED

OCT 8

Suff

DAUVANKO 19:45 to 20:45

19:00 - 24:00 OBSERVED MINIMA OF  
 6 EB STARS - CCD RUN ON AD.  
 JUPITER, GRS TRANSIT, IR  
 SATURN COULD SEE MINAS!

10-9

Open House

Scott Laskowski 18:45 - 23:35

Vern 18:50 - 23:15

Paul Brinkman  
SCOTT JAMIESON

200+ VIS.

John Taylor  
Mike Munn

19:30

19:45

L. Keith

7:40 PM

Bruce Blanton

JoAnne Skodowski

Greg Diegler

Dave, Sami &amp; Erica Frana

Emma Smearo

CHRIS WEBER 19:00

Jerry Stroud 20:20 PM.

10-10

SCOTT JAMIESON KEYHOLDER (FOR DAN K

Mike MACALI 22:45 - 23:31

ERIC SCHMIDT

IMAGED COMET C-R AND  
STEPHEN QUINCY

10-12

6:00-9:30

L. Keith UNW Class

Julie K Frey 7:20 PM

SCOTT JAMIESON

19:00 - 01:30 NR 7331

Suff

19:00 - 22:30 MINIMA OF BB PEG,

U PEG, MAXIMUM OF X2 CYS

CCD MINIMA OF AD AND

10-13

CHASSER

20:30 - 22:00

SCOTT JAMIESON

AND FOCUSING TECHNIQUES

Suff

19:30 - 22:15 CCD RUN ON  
BP AND



10-18 SCOTT JAMIESON 18:30 - 22:00  
CCD-CAMERA INSTRUCTION FOR BRIAN LARNES

10-19 J. Veal 6:00-10:00 UMW Class  
CHRIS WEBER - 14:00 16:30 CLEAN-UP GROUNDS

10-21 Scott Laskowski 10:00-11:15  
Back door on Quanset was left open!

Library; put mower battery in darkroom

Oct 22 Sfr 18:30 - 23:00 OBSERVED MINIMUM OF  
6 EB STARS AND A MAXIMUM OF A RHER  
CCD RUN ON WZ AND  
LEFT CCD CAMERA SET UP FOR MEETING  
ON FRI

OCT 23 VEDD - 18:50 - 3:00  
SCOTT JAMIESON BOARD + GENERAL MEET.  
Scott Laskowski 18:50-21:40  
Mark Mudgett-Lerner 18:30 2045 PM  
Viggo Torgny 14:00  
CHRIS WEBER  
Lyle Z...  
Paul Bach...  
Tim Burrus  
Sally...  
Sally...  
J... 20:14  
Jim Mayer 19:50-21:40  
Carlos Garces 22:00 - 1:55

10-24 Scott Laskowski 17:40-19:35, Member Night  
Library, cloudy  
CHRIS WEBER 18:10 - 19:30

10-28 Scott Laskowski 18:50 checked grounds

10-31 Scott Laskowski 17:20-18:50, Member Night  
Library, cloudy - rain



11-1-98 SCOTT JAMIESON - POLISHED 2 SCOPE  
POLAR WHEEL AND TRACED STEPPING  
MOTOR STALL. 15:00 - 19:00

11-2-98 SCOTT JAMIESON - ADDITIONAL  
WORK ON 2 SCOPE  
1900 - 20:40

NOV 4 *Sgh* 19:15 1ST WED

CHRIS WEBER 19:15

11-5 Scott Laskowski 11:55-16:15  
Library work, Fire inspection - 1 violation  
gas can must be self-closing ~\$40, limit  
switch won't work on "B", shutter open  
6", be back at 7:00  
CHRIS WEBER TRY TO FIX SWITCH ON "B"  
SCOTT JAMIESON 19:00 -

*Sgh* POLL 25" MIRROR

CHRIS WEBER mirror work on 25"

11-7 Scott Laskowski 14:50 dropped off  
5 gal. Type I Saftey gas can in the  
new garage, checked grounds

SCOTT JAMIESON - 1ST SATURDAY  
17:50 21:00 - SAT + JUPITER  
VERY STABLE + CLEAR

11-8 SCOTT JAMIESON  
MOVED MY COMPUTER TO HALL  
FOR 11-9 VISIT BY MILWAUKEE  
PHYSICS CLUB.

11-9 SCOTT JAMIESON 18:00 - 22:00  
PHYSICS CLUB VISIT

NOV 11 *Sgh* 17:30-21:30 5 EB MINNA  
CCD RUN ON CO LAC  
SLIT TO A DOME DAMAGED BY STORM  
NEED TO REPAIR HOLD DOWNS



1998

NOV 12

Syfr 17:30 - 22:30 7EB MINIMA VISUAL  
CCDRUN ON CO LAC, SMALL  
AURORA  
PUT C CLAMP AT TOP OF A DOME  
SLIT

NOV 14

Syfr 10:00 - 14:30 REPAIR A DOM.  
SLIT, DIS ASSEMBLE Z SCOPE  
MIRROR CELL.

NOV 15

Syfr 11:45 - 12:30 INT W/ CHN 4

SCOTT JAMIESON 2:00 - 5:30  
TRIMMED, SAUNDED AND PRIZED  
POLAR AXIS COVER. TESTED SOLAR  
FILTER - BEAUTIFUL SPOT CLUSTER  
COUNTED 2 LARGE SPOTS AND 14  
SMALLER ONES. MUCH DETAIL.  
FILTER NEEDS ALIGNMENT GUIDES  
FOR EASY PLACEMENT. NOT COMPATIBLE  
WITH CCD CAMERA, EVEN WITH 98%  
ADDITIONAL EXTENSION AND .01 SEC  
EXPOSURE. SATURATED. (SHORTEST POSSIBLE)

11-19

Scott Laskowski 14:10 - 15:10 checked grounds,  
restocked first aid kit, Library work

11-20

BOARD & GENERAL MEETING  
SCOTT JAMIESON 18:20 -  
Scott Laskowski 18:45 - 21:50  
CHAS WGBR 18:50  
Lee Lerch  
Syfr 19:40  
Matt Giranelli 19:30  
Jim Mayer 19:50  
Ken & Sally Warzynski 19:50  
Carlos Guites 20:00/19:50

NOV 21

Syfr 12:30 - 15:00 WORK ON Z SCOPE  
MIRROR CELL



1998

SCOTT JAMIESON

NOV. 22 BUILT NEW FOCUSER MOUNTING  
FLANG ASSEMBLY - SEPARATED  
AND POLISHED BAFFLE BARREL  
AND MOUNTING. 10:00 10:50

11-23 Scott Laskowski 16:45-22:55, 1 D. Lunar Occ  
tour with P.B., Jupiter IEC R, IEC R  
Paul A. H. A. 6:15 -

Spr 17:30-21:30 OBSERVED MINIMA OF  
8 FB STARS. JUPITER S3-5 IR

SCOTT JAMIESON 20:30 - 22:00

Spr 20:00 - 22:00

NOV 26 Spr 21:00 - 5:30 OBSERVED MINIMA OF  
9 FB STARS. 7 HOUR CCD RUN ON  
GU ORI

NOV 27 Spr 12:00 - 18:00 Re ASSEMBLE Z SCOPE  
MIRROR CELL  
SCOTT JAMIESON NOT DONE  
DO NOT USE

11/28 Ken Waraczynski 18:00 - 18:10 Key Holder  
No callers - Overcast sky  
Checked doors - all locked

SCOTT JAMIESON - BUILT PROTOTYPE  
COMPUTER / IMAGER STAND-WORKS  
WELL. ST-6 CONTROLLER PRE-WIRED  
CABLE TO CAMERA ON TOP OF MONITOR.  
JUST TURN ON COMPUTER, ST6 CONTROLLER  
AND CONNECT CABLE TO CAMERA. LAST!  
20:00 - 22:30

12/2 SCOTT JAMIESON - 1<sup>ST</sup> WEDNESDAY  
Scott Laskowski 18:05-21:50, Library work

Spr  
Carlos Gargos 19:30 - 21:50  
Chris Bazzell 19:35 - 21:30  
Jill Roberts 20:00 - 21:30



- 12-5 SCOTT JAMIESON - WORK ON 2-SCOPE - CLEANED & REPAIRED A-SLOPE MICRO-SWITCH  
12:00 - 16:00  
18:00 FIRST SATURDAY
- DEC 8 JILL ROBERTS 18:30 - 21:30  
Pete Kaiser 18:30 - 21:30  
DANYAUKO 18:45 Keyholder 21:30  
Nik Schuchniet 18:32 21:30  
*Scyf* 17:00 - 22:15  
OBSERVED MINIMA of 9 EB STARS  
CCD RUN ON BD AND. ALSO TOOK CCD IMAGES OF M76.
- DEC 10 SCOTT JAMIESON - CCD RUN ON ASTEROID VERA OCCULTATION  
21:00 - 2400
- DEC 11 SCOTT JAMIESON  
CCD FLAME NEBULA AND PLEIDES.  
ADJUSTED PRIMARY ON 2-SCOPE - MUCH BETTER IMAGES! NOT GOOD NIGHT FOR PLANETS BUT SATURN WAS PLEASING WITH CASSINI'S DIVISION OCCASIONALLY VISIBLE. CLOUDS AROUND TRAPEZIUM IN M42 VERY BRIGHT. STILL NEEDS WORK BUT VERY ENCOURAGING!  
MIRROR STILL NOT CLAMPED IN SO DRIVE DISABLED AT POWER SUPPLY.  
CAUTION!
- Dec 12 *Scyf* 17:00 - 5:45 OBSERVED MINIMA of 18 EB STARS AND A MAXIMUM of SZHYA  
TOOK CCD DATA ON 4 EB STARS.
- 2-14 Scott Laskowski 11:10 - 14:25  
prepared for tour on 12-15, Library  
Please Save drawings on chalkboard!
- 12-14 SCOTT JAMIESON - 2 SCOPE TESTS  
19:30 -
- 12-15 Scott Laskowski 11:30 - 15:10  
Muskego High School Astronomy Club tour  
The elevation extender is stuck on the slide projector. Caution, the case is open.



1998

12-19

Joe Roberts 13:30 / 14:30  
SCOTT JAMIESON - PAINTED Z

SCOPE POLAR SHROUD.

Scott Laskowski 15:00 returned slides and camera!

Suff 19:00-19:30 DOWNLOAD DEC CCD IMAGES

12-20

INSTALLED POLAR SHROUD, REMOVED TWO SIDE SUPPORTS ON Z SCOPE TO RE-WORK. DO NOT USE Z SCOPE!!  
SCOTT JAMIESON 11:30-2:30

12-28

SCOTT JAMIESON 17:00-19:00  
RE-INSTALLED SIDE MIRROR SUPPORTS ON Z-SCOPE. WILL FINISH CHECKOUT AT NEXT OPPORTUNITY. (CLEAR SKYS)

12-31

Scott Laskowski 10:05-10:40  
Library work. The parking lot chain was left unlocked — for plowing?

9 JAN 99

Suff 13:00-14:00 REMOVE SNOW FROM DOMES.

10 JAN 99

Suff 17:30-19:30 OBSERVE OCCULTATION OF TAC+17° 01975 BY 335 ROBERTA  
MISS WAS RECORDED  
13:00-14:00

11 JAN

HAD PARKING LOT PLOWED AND BLEW TRAILS TO ALL SCOPES WITH MY OWN BLOWER. RAN ADDITIONAL TRACKING TESTS ON Z SCOPE SEEING BAD!

Heath  
Jan 17

SCOTT JAMIESON  
11:00 AM - 11:30 Adjust Finder on A scope

JAN 19

SCOTT JAMIESON - GOOD SEEING!  
CCD WORK ON SATURN WITH Z SCOPE - APPROACHING RES OF B!

1-22-  
1999

Scott Laskowski 11:50-12:45  
Library work, nice plowing - '00 SJ!



- 1-24 SCOTT JAMIESON - CHECKED GROUND'S  
CAUTION! Z-SCOPE RA ENCODER  
SYSTEM NOT WORKING. DON'T USE  
COMPUTER CONTROL UNTIL REPAIRED.
- 1-30 *Wesley* GUTEF Ori SCOTT J.  
*Sniff* 20:10 - 0:45 CCD RUN ON  
GUT AND EF ORI
- 31 JAN *Sniff* 11:45 - 12:15  
*Wesley* 11:00 - 12:15 Disc.
- FEB 5<sup>(?)</sup> (~~MONDAY~~ SAT) SCOTT JAMIESON  
11:00 AM - 12:00 VIEWED 2 SMALL  
SUNSPOT GROUPINGS AT  $\approx -20^\circ$  SOLAR  
LATITUDE @  $\pm 45^\circ$  POSITION
- FEB 9 8:00 PM - 9:00 PM BRYAN GARNES  
UPDATED CONTROL ON Z-SCOPE TO  
CORRECT STEPPER MOTOR FREEZE AFTER  $\sim 20$  SEC  
OF MOTION ON BOTH AXES.
- 2-10 Scott Lackowski 11:10 - 12:00, Library work
- FEB 13 *Sniff* 11:45 - 14:30  
Paul Brachato 12:15 - 2:30  
CARIS WEBER 12:50 - 14:15  
VERN
- Sniff* 17:30 - 2:30 OBSERVED MINIMA OF  
Carlos Ganes 0:00 - 1:00 am 12 EB STARS  
MAXIMUM OF SZ HVA. CCD RUN  
ON TY TAN - 5 HOURS
- FEB 14 *Sniff* 18:00 - 23:15 OBSERVED MINIMA  
OF 8 EB STARS. CCD RUN ON  
TY TAN
- FEB 18 *Sniff* PICK UP SLIDE PROJECTOR  
FOR MEETING
- 28 20 *Sniff* 0:00 - 1:30 OBSERVE OCCULTATION OF  
40 HARMONIA. ASTEROID WAS ABOUT A  
MAGN BRIGHTER THAN THE STAR  
PROBABLY NOT POSSIBLE TO SEE THIS  
ONE VISUALLY.