

April 26-27 Royer and Dan Lopez. In to inspect 120 mi/hr
70% 42°F wind damage last month. Dan had already come
West wind, in on snowmobile to put lower shutter back
cloudy in place - it had been blown down, but
no damage. Discovered that Neutral Edison

P.S. wire broken, so we only had 220V.
Edison Hot wire break and all OK. Edison repaired
phone # wire in A.M.

in front of book. All OK, some water had seeped into
and blown into dome, but no damage
thanks to plastic covers. Did some
visual work in A.M. before and into dawn light
as it was clearing by then.

MAY 3-21 Al Hum 75%, Temp \pm 48°F, Seeing 3, Trans-Poor
high clouds, then up to 0700 hr then too heavy
for observing.

SUTAR - 13.7

AL Com ~~13.0~~ ~~000~~ vis MIS-I.D. = 15.6 mag.

T Pyl - ~~14.4~~

Nova search in M51 mag 000 vis

NGC 2702 SA at 16.0 000 vis

Observers R. Royer + D. Phelps

May 17-18 Royer alone. Did visuals per request of ^{AAVSO} H. R.
73% 37°F Slight W. wind. Transparency good, seeing average.
Did CCD-V on AL COM = 16.0 mag.

June 3-4 Sorenson + Padilla. Tested out Chandler
Clear, calm encoder hardware + software on 18"
Used CCD on 18" + guide refractor

June 21-22 Royer and Phelps. CCD + I.R. block + telecompressor
55% 46°F AL Com = 20.0 mag. - 4' guided exposure.
NO WIND Did visuals for AAVSO
Poor seeing Did Saturn visual + CCD - had to see rings - poor seeing
fair transp.

PPPM 1995

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June 25
56% 68°F
Light Wind
From West
Stephenson alone - adjusted backlash on main worm wheel, Every-one needs to keep an eye on it and report to me if it jams.
Worked on turret.
Looked at Jupiter
Sky Partly Cloudy, CD Player died.

July 1-2
71% RH 50°F
Light West Wind
Thank John,
good tracking
no binding
Poyer
Stephenson, Rafferty, Sorensen Webb
Visual of Summer milkyway, Jupiter looked very good, saw earth satellite in same field as Jupiter it was flashing 1/2 times per second watched it for 20 min as it slowly moved South West.
Periodic Error in worm in ≈ 6 seconds / Per 4 min.
Seeing very good, Wind picked up about midnight
Changed Battery in Smoke Alarm

July 5-6
56% 58°F
Poyer alone. Strong SW wind. Clear, very poor seeing.
Checked out possible SN in M60 - none there.
Did recovery search fields for ASTEROID 1992 SQ-2 with CCD camera. Worked well - hope I got it!
Visual variables. Saturn not imaged - seeing awful.
Can barely see broken ring bits.

July 8-9
Stephenson entry - Stephenson did minor maintenance, installed New C.D. Player in Stereo

July 12-13
53% 49°F
Poyer, Fr. Fred Middendorf, Pon, Christopher, Anthony Topy.
Checked out Pon on scope - did visual variables.
All OK. to 16.0 visual + full moon!

July 19-20
50°F 53%
strong west wind.
Poyer alone. Did visuals and then CCD to relocated Nova Vulpecula 1987 at 17.8 mag.
Waited a lot of time - about 3 hours, trying different combos on Saturn - but seeing too bad.
Could barely see rings on super-advanced images!

3PP1 1995

Installed printer - leave here! Works well!
 Opened toilet and brushed off cage fan blades.
 Note → We have to do this once a year a year.
 A smooth ride on the pot now!

A very productive stay - I'm getting the hang
 of computer astronomy.

July 25-26 P. Poyer and Jim Whelan. Did visuals.
 48% 58°F Tricolor of M27 - Dumbbell Nebula - fills field of
 view of telecompressor image. Good results.

Tried Saturn - seeing still bad - no rings visible!

(Note - replaced hallway-stair bottom switch - OK but
 some knowledgeable electrician needs to get it to
 work each way.)
 (I'M SCARED!)

July 26-27 Poyer and Dan Lofey, et alii. Did visual tutorial.
 48% 62°F CCD field of asteroid SQ2-'92 for J. Child.
 Good night - wind quieted down. All OK.

78-95
 48% 70°F

Don Scheckel and John Stevenson N6C 5907

w/ typical Fusi 800 60min's.

M-17 - Scotchman 400 pushed to 800 35min's
 mild wind. Clouds at 2:30 AM About

M-22 shot. ST-4 working at

0.8/1.0 Excellent

7-999

48% 70°F

Light Wind
 From West


Scheckel & Stevenson

M-51 65min Scotch 400 → 800 ST-4

stopped guides

M-22 40min

M-27 35min

SATURN NICE. Could see
 some ring lit from underside. RINGS
 & shadows Knife edge. 

Aug 6
80°F 48%

Stephenson alone - Came up Sunday to do maintenance, Replaced Relays that Control R.A. Slue, the New relays use Sockets so replacement is easy, the spare relay is in the top Drawr of the Chest.

Too much missing insulation on the wires ~~X~~ in motor section of Drive, Replaced all wiring in motor section (Took 4 Hrs.). Wiring in relay section ok.

Fixed wiring in ~~Hall~~ ^{Stairway} lights and replaced switch at top of stairs.

Strong Wind From west all afternoon.

Two Families of Campers stoped by about 4:30 PM Showed them the moon,

Don't Have time to Stay for Night Fall.

Aug. 9-10
SW wind
50% 66°F

Royer, Pan Lopez and son Chris and Andrew. And roofer Chris Booker. Did visual observing (full moon) and saw Comet Hale-Bopp at about 11.0 mag. Photographed it and rings of Saturn - exactly edge on - could only see shadow of rings on the ball. Poor seeing!

Thanks for the great maintenance job - John! Royer on way to Brattleboro for U.S.F.S. talk.

Aug 19-20

Stephenson, Royer, Whelan, Poissant Stopped by after Royer's Presentation at Camp ground Clouds prevented any observation, scattered Showers overnight.

Sept 16-17
Temp 56
RH 55
Strong Wind
From SW,

Stephenson, Schroeder, ISA - Someone tried to break in destroying Screen on East Window. Visi. and Photographic of Hale-Bopp, Shot 3 Exposures ~~X~~ 1/60 sec. (oops), 25 min, 20 min. Comet Easy to See, 30 min. Exposure of M76, and 30 min of M33. Wind Problem All Night, Really bad After 2 AM. Adjusted Worm gear again may have gone to Far.

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ZPP 1995

Sept. 20-21 Poyer, Maty P., Steve Padilla. Early SW wind.
52% 57°F Imaged Comet Hale-Bopp on CCD. Very faint
sunward fan, nucleus ~ 12.5 mag. Did visuals.
Photographed new comet 1995 S1. ~ 7 mag.
Blue-green - barely visible ion tail.

Sept. 21-22 Poyer, Pan Schechter, Steve Padilla.
52% 55°F light W wind Checked out spurious nova AQL - no nova.
2 visual variables, UV AQL up - SUTAU down 160
Astrophotos with hypered new EK 1600P emulsion.
All systems worked well. cf. Pan's log for objects.
Saw Comet 1995 I ~ 7.0 mag with ion
tail to the west. Good coma and defined
nucleus and very faint blue-green as comets
as supposed to be - heading into the sun and
northward.

Sept 23-24 Stephenson, Schroeder - Visual of Hale-Bopp
52° 80% RH wind from west All Night Comet much fainter took a long time to find it
nucleus not visible, Schroeder drew Comet.
Photograph NGC 7331, Visual of GC 6522, 6528,
NGC 7640, 7662, 891, Found Stephan's Quintet, and
Galaxy Cluster 1270, 1275 (7 members), Obs. M31, 32
Gamma Andromeda, Planetary Nebula 1289, Looked
for but did not find NGC 1554 (Hind's Variable Neb.)

Sept 24-25 Stephenson alone - Could not find Hale-Bopp, Sky
54° 79% RH South West Bright and did not have Finder Chart.
Photographed Jupiter, Star w Scorpius in the
Galilean moons, must have just missed
oculation.
60 minute Exposure of NGC 7331 (4.9 Asterhook at 9.4)
60 minute Exposure of M33

1995

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- Oct 1 Stephenson - Stopped by during day to
Add set screws to focuser of guidescope
Per. Dan's Request. - Thank you, John!
CD Player died Again
- Oct. 4-5 Poyer, Steve Padilla, Dave Phelps, Rich Sorenson, Marty Passant
50% 37°F
slight S wind
Hale-Bopp CCD = 13.0^{mag} nucleus, some structure including
another outburst. Did lunar terminator CCD + 0 corrector
Stopped down with telescope cover.
Visits of variables. SUTAV < 16.0.
Comet De Vico about 5:00 A.M. P.D.T. 5.5 mag.
structured ion tail - nice blue green coma.
- OCT 18-20 Dan Scheelita & Steve Padilla
54° 35%
no wind
I predicted Murphy would catch with me
and it was a "self fulfilling prophecy". My ^{camera} ~~camera~~
fell off of the scope twice, the second time
hitting the SBIG controller & breaking it.
Still photographs M-27. Got Comet
De Vico in A.M. with my 4" refractor
- OCT. 21-22 J. SCHROEDER, J. STEPHENSON. STRONG WIND
FROM W.S.W. SEEING MODERATE. PHOTOGRAPHED
M-33 AND M-31 WITH GAS HYPERED FUJI 400 (JOHN)
- Nov. 15-16 Poyer, Padilla, Marty Passant. Did RGB - down. ^{13.3}
58% 46°F
NO WIND
good night
Comet De Vico - fuzzy ball - no tail, In evening
sky now in Corona Borealis.
Photos with auto-guider. Guide scope focuser
bound up - see note upstairs.
- NOV 17-18 JEFF SCHROEDER, Karen E. Fsa, Lisa M'Donnell
40°F MIDN. LEONID METEOR WATCH. NO WIND, DARK SKY! Z.H.R. EST. 50
MANY 0 TO NEG. 4 MAG WITH 2-3 SECOND TRAINS.

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1995 - 96

Nov. 29th & 30

Royer, Padilla, Poissant

Adjusted Cam on upper dome shutter to close gap with lower shutter to help limit any water leakage from outside weather. Also lubed shutter rollers eliminating the groans. Fixed focuser on guide scope. Listened to Dr. Guertin's audio tape of India Eclipse. Seeing was very good. Temp. only down to 40°, 55% humidity. 6" Newtonian scope borrowed by Marty Poissant and Royer. Royer did visual variables and photos of SUTAU.

1996

Jan. 15-16

Royer and Poissant, drove in - no snow!

65% RH 40°F Did visual variables and CCD of SUTAU at West Wind Strong 18th Mag. and tricolor CCD of M1. All systems OK

Jan 20-21

Stephenson, Saechter, Schroeder -

65% RH 30°F Photograph NGC 1973, 1975, 1977,

West Wind Strong Clouds moved in about midnight. Wind increased from "0" at sunset to Very Strong 40+ at midnight.

March 26-27

Stephenson and Padilla. Gate locked but road

~36°F

SW winds

clear - no snow. Photographed Comet Hyakutake with both 18" & piggy-backed cameras plus John's portable set-up outside dome. Interesting guiding situation with the comet so near Polaris! Comet was great even in first quarter moonlight! Looked even better once moon had set & ski area lights were turned off. Tail visible from near Polaris to at least the bowl of Big Dipper - ~18-20 degrees tail. Some high clouds drifted by late in evening.

April 10

Padilla in early evening to photograph Comet Hyakutake

60% H. 40-33°F

Very Strong

SW WINDS

Did piggy-back photography on Ektachrome 1600 + 200 using 200mm & 105mm telephoto lenses. Guided with 18" 1 1/2 hr window til comet went behind trees in NW. Comet tail ~10° Still easy naked eye visibility.