

242

1993 - 94

Dec. 12, 93

65% 28°F

NO WIND

Royer and <sup>Marty</sup> Poissant - first use of Royers new cellular phone - now Ford Obs' is with it, Unfortunately.  
 Did some caulking on Dome to prepare for snow leaks. One variable star observation phoned in on cell phone, clouds ending further observing

H

1994

April 20-21

43°F 56%

light w  
wind

Royer alone - drove in over rocky road. All OK here. Some leaks appear minimal, but water still somehow drifts down mount into main worm gear oil - pan. Had to clean up and recharge oil. Must be wind-driven snow gets on mount. Important to cover mount well and invest control paddle.

Clear night, did check-up on the 2 supernovae and lots of photos of the one in M51. Quite dark after gibbous moon set - fog in the lowlands.

Had visits from the ranger, and Edison meter-reader - who was inspecting to make sure our meter was OK - no use since Dec. 12. Both were pleased.

May 1

Stephenson, Robinson - Stopped by to rest Feet After Climbing Mt. Baden-Powell. Everything Looks OK Here.

May 25-26

NO WIND  
53% 50°F

Royer and Jim Whelan. Have tour to IAPPP group. Full Moon + 1 day. Did visual variables, including new nova Sgr. 94<sup>#</sup>2 at 11.1. Found that placing large magnet on EAST side of worm wheel eliminates backlash!

June 8-9

NO WIND  
46% 50°F

Royer alone. Videos of Jupiter for upcoming comet crash. 2 films of M51 - best guiding ever, thanks to pre-load! ST-4 = A1 and A0! Visual observations of stars till 4:00 A.M. - Perfect night - Good seeing.

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<p>JUNE 18-19 MODERATE WIND 55°F</p>	<p>STEPHENSON, ROBINSON, WEBB - TRIED SOME LUNAR OBSERVING BUT WIND MADE SEEING VERY POOR. WE STOPPED OBSERVING SHORTLY AFTER MIDNIGHT.</p>
<p>June 29-30 70° 43%</p>	<p>Poyer, Jim Whelan, Pech Sorensen, David Phelps. Obs. <u>Survived</u> forest fire - burned to east side of Obs. but no ash inside. Great job U.S. Forest Service, evidence of much equipment up here. All OK in dome! Did Starlight Xpress CCD. Had trouble finding comet Shoemaker-Levy and new SN NSC 4948. Used 6" f5, but chromatic abn. blooms images of brighter stars. Red filter helped. Took night, no wind.</p>
<p>July 2-3 MOD. WIND 60° 47%</p>	<p>Padilla &amp; Sorensen. Used Starlight Xpress CCD on 18" and refractor. Did imaging of M57, M27, M51. Seeing was poor - could not get sharp images. Longest exposure was 7 min of M51. Noticed mop-up fire crews still working in the area.</p>
<p>July 7 NO WIND 60°F 47%</p>	<p>Poyer alone. Verified SN in NSC 4948 at 13.5 mag. Did other visuals. Did Tech-Pan films of M51 and Cyg Loop.</p>
<p>July 9-10 NO WIND 60°F 46%</p> <p>7 fields</p>	<p>Poyer, Possant, Phelps, Padilla. Presented Naturalist talk at Table Mt. Campground and telescopes for Jupiter viewing. Big success! Did some Starlight Xpressing for comet S.L. - but difficult - we think we got some nuclei.</p>

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July 16-17  
65°F  
Heavy Wind  
From West

Stephenson, Robinson, Webb, Rafferty, Schroeder, Gates  
Observed Jupiter, unable to see effects of  
Comet S.L.9 impact.  
Hampered by clouds and heavy wind All Night  
Seeing Poor.

July 19  
61°F  
55% RH  
No Wind

Stephenson, Robinson, Hartman, Schroeder, ISA -  
Observed Jupiter, ~~two~~<sup>three</sup> impact zones easy to see  
Green filter improved contrast.  
Fair seeing with short stable periods  
a band of clouds passed through Aster  
sunset, but left within one hour.

July 20/21

Fantastic views of Jupiter & Saturn.  
My thanks for the invitation! Richard McKim  
(British Astronomical Association)  
+ Coronado & Ronald  
& Tony Cave  
& John Stephenson

July 23  
Strong  
Wind from  
West

Stephenson, Robinson, Webb -  
Observed Jupiter and moon, Very Poor Seeing

Aug. 4  
NO WIND  
45% 58°F

Poyer alone. Did CCD's of Jupiter with Starlight Xpress.  
Hard to focus and seeing not as good as Lakewood.  
Did visual variables - better than Lakewood!  
All OK. The black areas still remain on Jupiter  
with some, but minor, spreading.

Aug. 8-9  
45% to 67%  
60°F

Poyer alone. Cloudy + windy. Photographed Jupiter  
by eyepiece projection. Poor seeing. Only able to get  
one visual - SW in NRC 4041 at about 13.0 Mag.

~~1995~~

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1994

- Aug 13 Sorensen, Webb - Cloudy and windy - poor seeing  
Did tri-color set on Ring with Royer CCD.  
Clouds closed in after that.
- Aug 27-28 Stephenson - Stopped by during day  
to install C.D. Player  
Sorensen & Padilla used Starlight Express CCD to  
do tri-color set on M57 and M13. Variable  
cirrus drifting around. Light wind.
- Sep 3-4 Sorensen & Padilla - Clear weather light winds  
in early eve. Did tri-color CCD images of M20
- Sept. 4-5 Royer and Padilla. Did tri-color of Jupiter, black areas  
invading STB. Tri-color of the Saturn nebula.  
Visual variables - UZ 800 has returned to below 16.0 MAG  
WE NEED electric focuser!
- Oct. 5-6 Royer alone. In after heavy rain - 4 puddles on  
80-90% 33°F  
no wind floor - that is why we cover the scope and  
gears and invert the control paddle. All was  
covered OK.  
Good night - variables visual early P.M. and  
got up at 4:00<sup>A.M.</sup> to photograph Comet Machholz 940  
Saw 2 nuclei, one a magnitude fainter than  
other - both barely ~~detected~~<sup>detected</sup>. Comet seems to be  
dissipating, typical of a Machholz comet.  
Took measurements for new electric focuser.
- Oct. 12-13 Royer and Andrea Boattini from Firenze,  
S.W. wind - strong 70% 34°F  
belonging to the San Marcello Pistoiese group.  
Did visuals and CCD - got to 19.3 mag. 5' ex.  
in moonlight. SU TAU coming back, 11.0 mag.
- Dec. 14-15 Royer + Pousant, Marty - Hiked in over light snow.  
85% 20°F  
Cloudy Set up motor focuser. Saw Jupiter 6:00 A.M. - Poor  
seeing - evidence of spots blurred out as if a belt.