

11-16/11  
59% 26°F  
Stephenson, Schroeder, Webb, Fcher, ISA  
Leonid Night? Broken overcast at sunset  
Very strong winds from West shifting to South  
50+ mph. Clearing to scattered Lenticulars  
by 10pm. Clear sky by 2 AM. Meteors  
good All Night Z.H.R. 100+ to 600+ Near dawn  
many Negative fireballs, two bolides.  
Webb rigged a intensified Video camera  
using a wide angle lens it gave 45°  
Field of View and worked very well.  
(Got another mouse in spring trap)

Dec. 15-16  
66% 30°F  
Poyer alone. Drove in over some ice, no problem.  
Light NE wind here - awful in Cajon Pass! Did  
visual variables all night - good night. Warm on  
main drive as tight as possible, almost no back-lash,  
but not overloaded. Past wide angle photos also  
show polar alignment very good. DON'T ADJUST ANYMORE!  
Found no water inside or water marks on floor!  
all four mouse traps had 1 mouse - 3 field, one large one.  
Saw a live one scurry out hole by front door, FIXED.

Dec. 27-30  
55% 32°F  
Poyer and Stephenson - Drove in - easy. No wind.  
Checked out autoguider, etc. Did visual variables.  
Had trouble with CCD connections - to replace cable.  
all mouse traps occupied - reset. Focus of autoguider  
with below - use innermost mark!

1999  
50% 40°F  
Jan. 5-6 ————— II —————  
Poyer alone. No storms recently - so road open.  
No wind, but scattered clouds made work slow!  
Did CCD tricolor + visuals.  
New power protector solved all my funny  
electronic bugs! Must reset when mains  
go back on - see note on mouse pad.

54

1999

- March 5<sup>th</sup> Fehér + Stephenson  
 6<sup>th</sup>  
 65°p RA: Observed mars with mask + without. Winds  
 32°F @ 1:30am continued next day. Seeing was good and  
 Very windy could see polar cap on mars and a cloud  
 Clear at the horizon.
- March 8, 1999 Marty Pinant and Minna Villaluzo  
 20°F 80% Our little vacation from the stress of home.  
 Strong wind Just sent out the last wedding invitations. Our  
 clear wedding will be June 26<sup>th</sup>. It's coming up fast. No,  
 morning I'm not nervous. Ford Observatory is always the same,  
 snow flakes the way I like it. It's snowing now, real light.  
 blowing over It was short but sweet, is always very  
 Mt. relaxing up here.  
 Boyer did CCDV of AN UMa.  
 1 mouse in traps.
- March 27 + 28 Fehér, Stephenson + Schroeder  
 45°F / 60% RH Observed moon + did photography. Seeing good.  
 @ 8:00 pm 27<sup>th</sup> Observed MS1 + Mars. Seeing not very good due  
 Light winds from SW to winds. 2 mice caught.
- April 16 Stephenson Alone (Daytime Visit)  
 Six inches of snow fell last week  
 but ~~daytimes~~ daytime highs in the  
 60's and 70's have melted most  
 No blockage road at Northside.  
 Small amount of water on obs. Floor  
 maby ½ Gal.  
 None of the mouse traps touched  
 No sing of mice.
- April 17 Fehér + Jeff Schroeder + Stephenson  
 18<sup>th</sup>  
 48°F Observed Mars. Seeing fuzzy + clear at moments.  
 66°F RH Set up CCD color camera + recorded 2 hr 20min.  
 @ 12:48am Added expicce + image was much better. Wind light to  
 moderate.

April 21-22  
60% 38°F  
Poyser to do tricolor of Mars. Strong West wind and poor seeing stopped that. Did a few variables. 3 mice in traps!

April 22-23  
90% 23°F  
Calm  
Poyser still here. Wind died. Storm clouds moved in mid-afternoon, drizzle only. Cleared after dark, but seeing still bad. Did tricolor of Mars, almost as good as from LAKEWOOD! Everything works fine. I noticed that as you rotate the tube, you lose COLLIMATION! I recollimated to my position for Mars. It is collimated for eyepieces outside of Mt. as you now find scope. Left in light snow-fall at 11:30 A.M.

May 7-8  
68% 42°F  
Strong Variable Wind From West  
Stephenson alone - overcast in L.A. and descent made for Very dark Skies  
Omega Centauri naked eye, looked Great in B. Milky way Almost Horizon to Horizon, worked Extreme Southern Sky. Tried to Video Mars High Winds. Almost made for poor seeing Mars would "Fuzz out" to twice its diameter. gave up at 2 AM. (3 mice)

May 11-12  
60% 50°F  
Poyser alone. No rodents in traps. No wind. Mars good in deep twilight, then W. wind came and ruined seeing. Did variables.

Visited by Ranger Steve Carbaugh. He was pleased with site + work - I showed him last night's images. U.S.F.S. 2 years behind lease renewals, but we are OK, just pay yearly fee. No new leases being issued. All due to their budget cuts. He opened road gate.

10 year lease renewed!

56

1999

May 15+16  
1999No mice  
found in  
traps.

Fehrer, Stephenson, Schroeder + Kosta (Jeff's friend)  
 40°F + 57%RH @ 10:05pm. Winds picked up after  
 sunset. Winds moderate. Cloud bands by 9:00pm +  
 a lenticular cloud formed over mt. high ridge  
 and dissipated later. Observed Mars. Seeing  
 fast in tout but became better @ 12:00am.  
 Observed M13, globular cluster. Observed M57, very  
 good. Observed NGC 6543, planetary nebula.  
 Observed NGC 5866, edge-on w/ thin equatorial dust band.  
 Observed NGC 5985, multi arm spiral in line  
 with NGC 5982 and a very faint line  
 (edge-on galaxy?) 5m west of 5982.  
 Observed NGC 5907, NGC 3448, M97 (Owl Nebula) +  
 M101, face-on type spiral. Conditions clear from 12:00a  
 to 3:00am. Very good night.

June 5th  
199948°F  
78% RH  
@ 10:32p

Fehrer + Stephenson. Winds light. Seeing good  
 except background is bright. Observed Mars  
 long periods of good seeing. Observed M13,  
 NGC 6703 (Galaxy), M57, M56 + M27.  
 Checked new "Ronchi" grating focusing device  
 on Canon F-1 SLR camera. Worked very  
 well. (2) mice found in traps.

Jun 12-13, 99  
54° at Nite

Walter Clark, John Stephenson, Jeff  
 Schroeder and Karen Isa. Later Curtis  
 and wife Carol(?). Camper guests Dan  
 and Ann Emmons. See P.49 for their  
 comments. Mars, M13 Awesome in the small Nagler,  
 M57 and others, Schroeder, Curtis et al. till  
 2AM. Stephenson - Clark up at 5:00 AM to see  
 Jupiter. OK seeing in PM better in AM. John  
 cleared 10' of weeds, Walt vacuumed... found  
 mouse that escaped trap but died. John  
 put hook on wall to hold open outside door.

Good job! Ben

- June 19, 1999 Feher, Stephenson + Robinson, Moderate wind. Sky is fairly bright + improved much after Moon setting.  
 62°F  
 58%RH  
 @ 9:20p  
 No mice in traps  
 Observed: Mercury, Comet Lee, Venus, M87, M60 (NGC 4649 - Round Galaxy), M49 (Round G. Mag 8.4), M101 (NGC 5457), M81 (NGC 3031 - Spiral), M82, NGC 3077, M64 (Black-eye galaxy), M51, M63, NGC 6781, M27 + NGC 6960 (Filamentary Nebula).
- July 6-7 Royer alone on way to Ancient Bristlecone Pine Forest  
 61°F 52% Major fire in Cajon Pass - lots of smoke, very little wind. Mars good + steady. Shaded area between Elysium + Suptis Major - new this season. All A-OK. No mice. Did some observing - to bed early - skies murky, clear by morning.
- July 17-18 Light winds from west. Stephenson, Robinson, Webb, Schroeder, Gary and Kata. Venus, Moon, show objects in Milky Way, M13, etc. Quit about 1:30. Seeing good except for Moon. RSR  
 52°F 69%
- JULY 19-20 J. SCHROEDER w GUESTS, Bob Carangelo - the floor was spinning AND I WASN'T DRUNK. Beautiful Sky. So Much to See. Phil Barnes - Robert - Finally figured out the frustration; I see them - I want to go!  
 52°F 66%  
 APOLLO 11 30<sup>TH</sup> ANNIV. MODERATE WIND FR. SOUTHWEST, FAIR TO GOOD SEEING. MOON + SUMMER SHOW OBJECTS. (REVIEWED PERMIT. JRS)
- JULY ~~21-22~~ 21-22 J. SCHROEDER. LIGHT WINDS DYING TO CALM BY MORNING. BRIGHT SKY, HIGH HAZE. MOON, VENUS F. TO G. SEEING. BEEN AT TMO. THIS WEEK FOR SUN SENSOR TESTING FOR THE ACRIM SATELLITE. FORD OBS. MORE CONVENIENT THAN TMO. DORM. JOHN STEPHENSON STOPPED BY IN EVENING.  
 54°F 55%  
 NO MICE

58

1999

JULY 22-23 J. SCHROEDER. WATCHED AN EERIE SUNSET IN 58°F 55% TOTAL SILENCE. PERFECT CALM, MUTED BUT VERY COMPLEX COLORS OPPOSITE SUN. MOUNTAIN SHADOWS PROJECTING ONTO & THROUGH THIN HAZE LAYERS IN PASS AND AROUND HILLTOPS. SUN DISTORTED JUST ON HORIZON, LOOKED LIKE A SPREADING BLOB OF ORANGE-HOT MERCURY! POWERFULLY SUBTLE BEAUTY.

August 7-8 J. Feher, J. Stephenson, S. Robinson + B. Webb  
 56°F Observed M27 and astro photo w/  
 60% RH Kodak PJ800. Observed M57 (Ring Nebula)  
 Clear and astro photo PJ800, 30min exp. hand guide.  
 Wind came up after 2:00p.

Aug 12-13 Stephenson, Webb came up  
 for Perseides 25-30 per Hr.  
 Very little wind, Poor Seeing  
 Sky bright, Webb installed New  
 CD rom on computer and installed  
 Version 5.0 of the Sky.

August 14+15 J. Feher, J. Stephenson, Gary his wife and  
 55°F daughter. Observed M13, NGC 869 + NGC 884  
 56% RH (Double cluster in Perseus), M16, NGC 6604 (open cluster),  
 @ 11:00pm NGC 6535, IC 4665 + NGC 6210. Sky a bit  
 bright. Winds came up about 11:00pm.

Aug. 19-20 Poyer + Fr. Fred Middendorf. Came to photograph  
 60% 60°F Venus at inferior conjunction. 2 Observers set up on  
 relay station lot, Early wind, then calm. Did variables  
 (with new 10" LX200 (Meade))

1999

59

- Sept. 18d  
19, 1999  
58°F  
69% RH  
Feher, Stephenson + Schroeder  
Observed M-15, M2, Jupiter (seeing was excellent later at about 11:40pm), NGC 253, NGC 663, NGC 7635, NGC 7380, M76 + M1. Almost no wind.
- Sept. 29-30  
52% 50°F  
low  
Poyer alone. Did variables, and sky tested new Minolta zoom lens on star fields.  
Beautiful night - no wind - seeing good  
Painted both outside doors. Fine-tuned dec. balance
- Oct. 15-16  
Poyer. Did Star Party at Inspiration Pt.  
Slept here till 2:47 A.M. - Major earthquake in desert. Nothing fell off shelves - but 2 strong jolts, no power loss. All OK.
- NOV 16-17  
44°F 61%  
@ 9:20 PM  
WIND 35-40 MPH.  
GUSTING  
J. SCHROEDER, S. PADILLA, MSGR ROYER  
NIGHT BEFORE 33YR. LEONID METEOR SHOWER PEAK.  
(Tightened shutter motor mount and lubed it.)  
Saw a few Leonids
- NOV 17-18  
D. Phelps, S. Phelps, ~~Robert~~ FSA, L. Kene  
Leonid meteors 1:30 - 2:30 Total count very low  
hazy, cloudy to south.  
partly cloudy a night, NO wind  
3-4 AM 37 meteors 6 + 1/2 mag  
4-4:30 AM 12 meteors 2 + 1/2 mag
- Nov. 30  
Prec. 1  
34° 55%  
Poyer + Padilla. Did visual variables, Star to.  
Strong wind, poor seeing - got to 15.5 mag.  
all OK.
- Dec. 11, 12,  
1999  
30°F, 69% RH  
@ 6:35 pm  
Feher, Stephenson, Schroeder, Webb, Mike Commissaris  
(Palm Springs Aerial Tramway Eng.), K. Slama,  
G. Oliver + P. Oliver. Observed: Nava V1494  
Webb: Mag 6.0 Jeff: Mag 5.9. There was a slight red edge on the Nava.

60

12-11, 12, 1999

1999 - 2000

Observed: Moon, Jupiter, Saturn, M42 (Great Nebula in Orion), M1/NAC1952 Crab Nebula, M35 (open cluster), NAC 2392 (Eskimo Nebula) + NAC/M31 Andromeda Galaxy. Seeing good. Moderate wind came up late in the evening. Ready Obs for the winter.

12-26-99

WEBB, STEPHENSON

40°F  
62RH

CLOUDS COVERED MOST OF THE SKY,  
SO WE LEFT EARLY.

Dec. 28-29

no wind  
55% 33°F

Poyer, Stephenson, Bill Webb, J. Schroeder  
Good night. Did visual variables, tutorial session

Dec. 29-30

34°F 55%

Poyer alone. Good night but slow working due to scattered, lazy moving clouds. NO WIND, very pleasant good seeing. Did visual again and CCD tricolor of recent SN.

Dec. 30-31

33°F 55%

35<sup>th</sup>  
entry for  
1999

Poyer alone. Did variables early evening then southern clouds came in. Very little wind but seeing very poor. Autoquider works well on short refractor without a barlow - but barlow is still better for stable focus. 16mm eyepiece is far focal with ST4 head.

Jan 1, 00

Happy New Year 2000 - Stephenson  
Daytime Visit, Light dusting of  
snow last Night, but road still  
open

Jan. 11-12

50°-33° F.  
75%  
STRONG W. WIND

Poyer alone and depressed over being 2<sup>nd</sup> in this  
log for the 3<sup>rd</sup> millennium! But good night  
for faint variables by CCD. Tightened belt on  
R.A. indicator - it was loose + slipping. Auto-quider  
worked well, used barlow.