

10/10/86 Off here for inspection and tour,
WB

Oct 11-12 Padilla & Ray bro. Planetary photography in
early eve & piggyback exposures after moon set.
Valley fogged in - very dark sky. Transp good
seeing fair. Temp 50-38°F.

10/22 The truck-plate relay for the white
lights upstairs finally gave up. I
couldn't get the white lights on at all.
The system is temporarily bypassed
so that the wall breaker is the only
way to turn lights on and off.
WB

11/2/86 Off here for variables. Excellent
evening, seeing as good as it gets, got into
165, 3 times, 36-32°.
WB

11/28/86 Off here for variables, little wind,
32°, poor seeing. 3 strangers from Wrightwood
came to the door, the usual lookie-lookis.

Dec. 3-4, 86 Poyer and Padilla
40°F 45% Some wind. Hazy to SW Nova Cyg 86 12.1
SUTAU < 13.3 - due to increasing cirrus couldn't see fainter.
Photographed Comet Wilson and Sorells in early evening
Both about 11.0 mag, Sorells has stellar nucleus, both
have faint NE TAIL. Clouded out by 11:30 P.M.

March 9-10 1987 Poyer alone. Hiked in, gate locked, though road is
27°F 83% passable. Met Steve Carbaugh doing road check in
NO WIND preparation for opening, U.S. Forest Ranger. All OK
at Obs., came through winter fine.

~~1986~~
1987

Came in to photograph another supernova found by Robt. Evans. NGC 5850. Did visual work rest of night - a miraculously clear night after all the storms and clouds.

April 1-2,
198748% 38°
NO WIND

Royer. Good seeing and transparency. GK PER at 13.0 as last month. SU TAU rising, at 13.5. YZ Cnc at 12.9, rising? NGC 5850 supernova about 1 mag fainter than on 3-10-87, at about 15.5.
Gate still not open - lots of rocks on road, snow gone.

April 18-19 John Stephenson, Laurence Stephenson, Webb, Rafferty, and Sorensen, installed New light control system in dome. With Forest Service permission I have installed an lock on the gate any one needing a key contact Royer. The circuit breaker for dome rotation is intermittent, I will replace it as soon as I can find a replacement.

High clouds made observation impossible, temp 38° wind 30 mph gusts from west

J. Stephenson

April 23 Stephenson: Replaced dome rotation circuit breaker. Sky clear, temp 54° no wind, I wish I could stay and observe but don't have the time.

J. Stephenson

May 10

Stephenson: stopped by to check obs. After Electrical storm, I saw several near strikes this morning when I was in the desert, Everything O.K., Forest Service says that in a few weeks the Phone Co. will start major work on the road.

Stephenson

184
1981

May 20 Ford, alone, for inspection of obs'g + new electrical
3-5 PM central's. Looks great! Weather clear but windy.
Hope to observe tonight or/and later before going
back east ca. June 2. Obs'd 16 16 17 U SCO, 14.0.

May 21-22 Ford + Goff. Opened dome ca. 9:45 PM
PDST. Sky 0.8; seeing fair, no wind;
Temp. 42° F. Obs'd three sanctum vars
before closing at 00:45 May 22. Equipment
working OK. No moon.

May 23-24. Ford + Belodeau. Opened dome,
ca. 9:15 PM. Obs'd 5 sanctum vars. Clouds
stopped obs'g ca. 4:30 AM PDST. Seeing
fair, no wind, Temp. 40° F., transp'g good
to poor near ending. No moon.

May 24-25. Windy seeing fair, Temp 34° F
No moon. Opened dome 10:50 PM PDST.
Ford, Belodeau Scovil. Stopped obs'g ca.
3:45 AM May 25th; obs'd 5 sanctum
vars.

May 26-27. Ford, Scovil. Obs'd 8 vars, including ⁷
sanctums. Seeing fair, no wind, Temp 38°-38° F.
Closed dome 4:05 AM PDST May 27.

May 27-28. Scovil, Sorenson, Stephenson, Royer. Temp.
36°; 76% humidity; no wind; seeing fair.
Obs'd 16 vars. (Scovil). Closed dome ca. 4:30
AM PDST May 28. U SCO at 14.0

24

1987

185

May 29-30. Ford, Goff, Scovil. Opened dome ca. 10:30 PM PDST. Temp. 46° ; seeing fair, no wind. Obs'd 5 vars, including 4 sanctuaries. Searched for Nr Sgr 87, could not identify without detailed chart. Scovil photographed area around position (published) of the nova, for future use, with his 35mm camera attached to the 18". Closed dome ca. 3:15 AM PDST.

June 20-21 - Goff and party.

June 24-25 Boyer and Padilla. Photographed Nova Her-12.1
 NOWIND and Sgr ^{m13.6} 87 fields. Seeing and transparency good.
 40% 57° F joined by David Phelps and John Gossett, and after some bartering Ford Obs. was given a TECRAD finder for the 18" f7. Mounted it on, but need to align it at night, all system A-OK

July 13. Ford, John Griesse, Peter Collins, David Levy. Opened dome ca. 9:30 PM. Gibbous moon rising ca. 10:30 PM. Obs'd two vars: 194909 RZ Aql ($\approx 16.$ -) and 185032 RX Lyr (≈ 15.0 (e)) plus Ring Nebula (after in Lyr (after moonrise) and all three visitors saw the central star in the nebula "for the first time". Closed dome (too much moon) ca. 11 PM PDST. Sky fair to good, but w/ haze near horizon. Temp ca. 70° , no wind.
 THE ROAD UP TO THE OBS'Y HAS BEEN RE-PAVED!!

186

1987

July 17-18. Ford, Goff. Opened dome ca. 10:30 PM PDST. Sky OK but seeing poor. Temp. COLD - 40° - 37° F, light wind, last qtr moon rising stopped obs'g ca. 1:15 AM. Estimated total of 5 vars, all sanctuums. Equipment A-OK. Tested newly acquired 40mm Nagler eyepiece for mounting on turret.

July 18-19. Ford and T. Cragg (visiting from Australia). Opened dome ca. 9:30 PM PDST. Some wind, temp. again cold for July - 45° - 40° F. Goff also present till about 11 PM, and Stephenson. Made measurements for mounting of "new" elbow telescope finder on the 18" scope, and also for mounting new 40mm Nagler eyepiece. Cragg obs'd total of 12 vars, Ford 10. Wind troublesome, but gradually subsided. Sky OK but seeing fair to poor. Closed dome, 3:00 AM PDST July 19.

July 19-20. Ford, T. Cragg (Australia). High gusty winds, intermittent cloud cover, but clearing OK after 1:00 AM PDST. Temp. 55° - 50° F. Sky fair, seeing poor to fair. Obs'd 14 vars. (FD); 16 (CR), 13 of FD's sanctuums. Took one full hour to locate the Nipolar var, 210587 XUM₂ (magn. est. = 16.3(e)). Closed up for permanent leaving, 3:40 AM PDST, moon crescent up in E.

July 29-30 Poyer and Fr. Fred Milderdorf. Did visual on variables. 42% 58° F seeing very poor, transparency OK. Some SW wind, died and turned easterly at midnight.

8/3 Off here for an emergency look at V394 CRA,
old nova on the outburst, per Reg. request.

Aug. 19-20 Poyer. ^{RXLVR 14.3} 1 visual estimate, then alto-cumulus clouds all
25% 60°F night. Some SW gusts.

Aug. 26-27 Poyer - Good night, no wind, seeing good, trans. fair
30% 57°F Photographed new comet Bradfield '87s, about 9.5 mag.
some tail. Also tricolor of Periz nebula, and Crescent Neb.

9/19/87 Off here for visuals, good night, no wind.

Sept. 30 Poyer. Visual obs. through broken clouds. Photography

Oct. 1 not possible. Fought it till 4:00 A.M.

35% 58°F Rudely awakened at 7:42 A.M. by strong earthquake.

EARTHQUAKE This building is real solid. All OK. 6.1 quake
centered in Montebello according to news.
Whittier

Oct. 21-22 Poyer. Broken clouds again. Tried to photograph comet
50-70% 42°F Bradfield, but only enough breaks for visual.

at least 6.0 mag., strong eastward tail, and in good
position - keep eye on this. Rest of night was cloudy.
This SW cloud flow has been a real problem!
Worse than earthquakes.

Oct. 28-29 Poyer, Broken clouds again b 5' photo of
34° 75% Comet Bradfield through haze. Best show was rocket
SW wind launch at about 6:00 P.M. Red, white, and very blue
comets in stratosphere - beautiful.

Rain and wet snow in A.M. - Clear second eve.
Comet $\frac{1}{2}^\circ$ TAIL 5.3-5.5 mag.

Nov. 11-12 Poyer, Padilla, Sorensen. Photographed Bradfield.
48% 38°F. 5.1 mag. 1⁺ tail, moderate width. Used 18" f7 and
NO WIND 4" f5 set up outside. Heat night for a change. Did
clear-steady some variables visually.

188

1987

Nov. 18-19 Poyer. Comet Bradfield appears same as last week.
34° 70% Photo and visual work. Light SE wind, clear, but
sky very bright from city lights. Poor seeing.

Dec 26-27 J. Child & wife (Marcu) Arr'd 3pm
16° on skis. Beaut. Fol sunny day, plenty
of snow. Obs'y intact,

Observed JO Transit across southern belt as
great 'white' spot also moved across face.

Seeing fair → poor. Observed Comet Bradfield;
nice, but somewhat diminished by moon.

Changed area code of Bill Got-F's phone
from 714 → 619 on card in E. window.

Everything OK & working well. Thanks
for the Telrad - it works great!

Cleaned up a bit - stove & dishes
left 2pm 12/27

1988 Happy New Year
Jan. 20-21 Poyer alone. Shied in - road covered from
no wind 1 to 3 feet of snow 2½ hour trip. Lots of
80% 23°F snow blown into the dome, especially in track
from south around west side to NW. Cleaned
out as much as possible to avoid lots of water.
Photographed Comet Bradfield and NGC 2336.
Tried to do an Evans supernova in NGC 7606
but too low into SW sky glow. Did visual
work till midnight. All working OK, sure is
beautiful up here in the snow, but sky is
bright and transparency poor, seeing was average.
Should be a fast run out of here this bright morning.

Took me 1 hour 5 minutes!