

1981

April 29-30. Royer, Ford, and Wm. Goff. First part, photographic, Royer + Goff, "breaking in" Goff on using ~~the~~ focal plane camera. Took out fields exp., D80637 RT Lyn. Opened dome ca 9 PM, Ford took over w/ visual mode ca. 11 PM. Obs'd total of five vars, 3 inner sactum including 1st estimate w/18" on 115509 SV Vir. Closed dome 2:15 AM PDST April 30th. Sky transp. good, seeing fair, no wind, temp. warm - 58 to 50°F.

May 3-4. Ford, Goff. Opened ca. 9:30 PM PDST. Temp. 48-40°F, no wind, seeing poor, transp. fair. Obs'd total = 5 vars, including first obsns. of newly-charted 071103 WR CMi. Closed 11:15 PM PDST.

May 6-7. Ford, Royer, Belodan. Transp. good seeing poor, temp. 41°-37°F. Opened ca. 10 PM PDST, obs'd 12 vars. including new fields plotted in Cygnus and Aquila (HW Cyg + V425 Aql). 6 sanctums included in 12 total obs'd. Closed up, 2:10 AM PDST
May 7.

May 9-10 J CHILD Seeing Fair - Good. Not very dark. Worked with autoguider

May 13-14. Royer 4" f5 astrograph for photos of gibbous moon 44°F 35% passing Jupiter + Saturn, seeing fair, transparency excellent SW Wind

Jun 2-3 J CHILD Testing hypered 2415 film.

Autoguider kept

Jun 3-4 J CHILD Tri-color set, Nice night, no wind. Not very dark

- 1981 6/7/81 Jeff visited with 3 visitors from Wrightwood.
- 6-9-10 4" f5 series of conjunctions of Moon, Jupiter, and Saturn
40% 65°F by Ron Rayer. EK 64 + Whittan 2A 3, 4, 5, 6 minute exposures - all good.
light air 18" f7 NGC 6781 tricolor plate set. - Good seeing and transparency.
- 6/29 4 estimates, lots of wind, good transparency. Bill Jeff
Closed up 10⁴⁵ PM.
- July 1-2 Rayer and Jeff. Set up for photography - sky scattered with high
40% 60-50°F clouds till midnight - looked at Galaxies and Planets. Jeff left
light SW wind Rayer did tricolor of NGC 7008 in Cyg with 18" f7 in A.M. - good
seeing + transparency - no wind.
- July 2-3 Rayer - Good seeing, but scattered high clouds making sky
37% 55-50°F very bright. Sought for Comet Swift-Tuttle 1862 III expected
during SW wind in later P.M. High clouds in Northern sky this month - used astrograph in visual mode
Found 4 galaxies!
New field photos with 18" f7 - V503 Cyg + RV Vul.
Completed tricolor of NGC 7008 and NGC 6781. Good night!
- 7/7/81 4 exposures w/ 4" f5 of this month's conjunction of Moon and Jupiter-Saturn. 3, 4, 4.5, 5 min. light breezes, very pleasant. 72° in dome when opened at 9 PM. 60° at closing 10:20 PM. Bill Jeff.
- 7-5-81 Gary Bilodeau and guests - observing.
- 7-8-9-81 Msgr. Daniel Kiebtz and Tatha Rayer. Early evening many visitors from Camp Teresita Pines. Observed Jupiter, Saturn and moon. Seeing good, light wind. Variable photos after moonset at midnight. 192914 KX Aql and 203918 ES Del - increasing wind.

7/27/81 12 estimates, good seeing and transparency,
 25% gusty wind off and on. Caught
 69-62° TT Boatis near max.
 Bill Hoff

7/30-31/81
 22%
 60° J. Child Worked with autoguider.
 Several pix with Hypered 2415 Film.
 Nice night, 1A cloudy, no wind. Several
 nice meteors (early Perseids?). Everything
 in excellent shape.

7/31-8/1/81 11 estimates, good night, closed at 12³⁰.
 25% 60° very little wind, good seeing and trans.
 Bill Hoff

Aug. 12-13 Poyer, Gorder, Service, Paula, Tony Rodriguez
 60°F 45% Up at 3:00 A.M. to observe and photograph Perseids.
 SW wind cloudy Good show - but not more numerous than usual.
 Skies cleared by morning.

8/21-22/81 8 estimates, lots of winds, closed at
 11³⁰, good seeing, trans. fair.
 Bill Hoff

8/24-25/81 3 exposures for asteroid
 for JPL - Table Mtn. at request of
 Allen Harris.

SK 41m. +27° 6 min.

" 47m. " 7 min.

" 51m. " 4 min.

opened at 2 AM - Closed 4:30 AM. No wind.
 Some moon in the tube on the last exposure.

Bill Hoff

1781

- Aug 29-30 Padilla. Color photography with Ektachrome 200 film (35mm). Prime focus & piggy-backed shots. Temp. - 70-65°. Windy most of evening. Closed up at 4:00 am.
- Aug 30-31 ~~29-30~~ Padilla. Photos of thin crescent moon and Venus, Jupiter & Saturn conjunction in twilight. Prime focus & piggy backed exposures. M17, M20, M31, M33. Temp. 68-63°. Windy part of eve. Closed at 4 am.
- Aug. 31 Poyer + Padilla. No wind! Moon + planets conj.
Sept. 1 photos again in early evening. Used astrograph as
30% 60°F RFT visually till 1 A.M. Retired.
- 9/1-2/8 Diff for visual estimates, completed 10, lots of wind, good transparency. Worked at the microwave station apparently all night.
- 9/2-3/8 Diff here for one photo visual plate at 17h. 5m. -25°. Lots of winds even in WW. Ran the exposure with only the bottom portion of the slit open.
Afterwards set up for visual and slit estimates.
- Sept. 4-5 Padilla, Sorenson & Stevenson. Visual observing until moon set. Astrophotography 11pm to 1 am. Lightning storm on eastern horizon. Clouded out at 1 am.
- Sept 5-6 Padilla, Stevenson & Thomas. Visual & astrophots all night. No wind, good night except for lightning on eastern horizon. Cloud down at 4 am.

1981

- 9/13/81 Goff here 10AM, worked on front door, inspected everything, all seems in order. WB
- 9-16-17-81 Payer. Cloudy in late P.M., but cleared rapidly at sunset. 70 → 60°F 48% - no wind. 18" f7 HaD + WR12 175523 WY HER 40' exposure, until moon rose. Cleared Ob., and removed astrophot. Left guide scope for Bill Goff.
- 9/17-18/81 Made second exposure of area done on 9/2-3/81 due to focusing error then. Transparency poor, some high clouds during last of exposure WB
- 9/19/81 10AM Removed the photo equip.; set up for visual, ~~then~~ rehung ladders on observing floor, vacuumed all of downstairs. WB
- 9/21-9/22 Ford & Goff. Light wind, fair seeing, temp. 58-55°. Obs'd total of 10 vars, including 7 sanctums. Crescent moon up by closing time 2:12 AM PDST. 9/22.
- 9/22-9/23 Ford, Goff for part of time. Rising crescent moon. Obs'd 3 vars., all sanctums. Stopped 1:10 AM PDST 9/23.
- 9/23-9/24 Ford, Goff part of time. Obs'd 9 vars, including 5 sanctums. Seeing fair, light wind, temp. 55-48°. Stopped 01:45 AM PDST 9/24. All visual equip't working OK. Transp'y good.
- 9/25-9/26 Ford, alone. Opened dome 9 PM, obs'd total of 19 vars, including 10 sanctums. Sky good, light wind, temp 55°. Stopped 11:10 AM PDST. Seeing fair.

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1981

9/26-9/27 Ford, Goff. Opened ca. 10 PM. Obs'd total of 11 vars. (FD) including 6 sanctuaries. Sky good, no wind, Temp 58° - 54° . FD stopped 1:45 AM PDST 9/27, Goff continues till later. Seeing fair.

9/29/81 9 AM - 11^{AM} Goff here for repair and maintenance. Windy, very cloudy. Reinstalled reflector.
WS

10/2-3/81 Goff here for visual estimates, lots of wind and humidity 80%! 45° - 40° . 10 estimates, 9 inner sanctum, closed 12³⁰ PM.

10/10/81 9³⁰ AM, Goff here for repair and maintenance, closed at 11 AM. WS

10/12/81 8¹⁵ AM Goff here for repair and maintenance, especially on the dome, closed 11¹⁵ AM

10/16/81 9³⁰ AM Goff here for repair and maintenance. Nearly finished on dome. Started digging out foundation which was buried on most outside walls. Discovered termites on south side. Will treat soon. Closed 11³⁰ AM
WS

10/19/81 Goff here for visual estimates, completed 10, 8 inner sanctum, no wind very humidity, 50° - 45° . Closed 10:30 PM.
WS

Oct. 21-22 Poyer. 18" f7, 182916 DS 1/4 photo 40'
 40° F 50% No Wind - transparency + seeing both very good.
Did some 35mm work, also 1st plate of N/C 7009 of tricolor set.
All in excellent shape here. Installed pad on platform.

10/24-25 Stiff here for visual estimates, no wind!
completed 10, nice night.

WG

Oct 31 Padilla & Sorenson. Daytime visit for video
photography of observatory. All okay except found
extension piece of power cord to dome has short.

10/31-11/18 Stiff here for visual estimates, completed
19, 17 inner Serenarium, good night, little
wind 38°-35°.

WG

11/3/81 Stiff here with 8 men from camp for
general observing.

WG

Nov. 4-5
40°F 50%
W5 wind

Joyce and Joyce-Faulst. Clouds from SW all night.
Sandwiched 0610^h V345 Ori 40' before dawn and
between clouds. Beautiful sunrise beginning at about
5:10 with sun appearing at 6:15 A.M. Did 35 mm color
photo sequence of the whole show. Mercury appeared very bright.

8:45-10³⁰ AM

11/7/81 Stiff here for repair and maintenance,
got all footings dug out, except West
wall behind Mangonita Bush. Removed
bottom run of siding on south wall.
Found some dry rot but no new
termites. Some further repair
will be necessary. Solder and
repaired power cord for dome.

Nov. 11-12
40° 53%

Joyce + Ed Galewski, carpenter. WG
Sunrise + Jupiter, Mercury, Saturn in alignment
Part in work - deal on NE corner of Obs.
Full moon - scattered clouds - no wind.

1981

11/21/81 Stiff here for visual estimates, lots of high stars, some wind. All else in good order.

WB

11/25-26/81 Stiff here for visual estimates. Some wind, very cold 27° - 23° , good seeing. "No Admittance" sign gone.

WB

12/3 Stiff here for maintenance. The road was cleaned and plowed but the lock routine was in sad shape.

12/21 Stiff here for maintenance all appears OK., opened 9AM - closed 10³⁰AM.

WB

12/22 Stiff here for inspection and repair of electrical. 20° when opened doors!

WB

12/26 Stiff here with Todd Hansen. Installed new light fixture over the observing desk. To turn it on, use the white light switch on the breaker panel and then push the red light push buttons on the wall if most the dimmer switch is just over the observing desk to adjust their intensity. Opened 9AM, closed 11³⁰AM

WB

12-30-31/81 Royce, Macario and wife Eve.
Clouds - no observing.

12/20/82 Stiff here for visual estimates. Found the scope set up visual. All in good order. Todd Hansen here also.

WB