

UT 18 Mar 1985

PADMASER® / Made in USA

Telescope: 61"

Frame prefix #: FR5500 Day of Week: Sunday

RA offset: 10 sec W

Incl: 30° Focus: 468"

Humidity: 69% Sheet #: 1

Observers: Fink, Schultz Date MST/UT: March 17

Dec offset: 1'30" S

Tailpiece: 196

END 927°

Balance: 500/500

Temp 0/I: 39°F

END 30°F

Exp #	Object	Exp time	Filter Slit	Counts Object/Sky	Exp start MST UT	RA set	Dec set	Hour-Angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)	No Moon
000	Halley	10h	V	11000	3:44:57 UT	4:53:25.3	11:15:29	3 <sup>h</sup> 10 <sup>m</sup> W	hazy, Halley near moon	
001	"	"	"	17000	5:27:25		"	3 <sup>h</sup> 22 <sup>m</sup> W	looks clean near Halley	
002	"	"	"	1	4:08		" 31	3 <sup>h</sup> 34 <sup>m</sup> W	Halley now appears quite clean	
003	"	"	"	1400		" 25.9	" 33	3 <sup>h</sup> 40 <sup>m</sup> W	clearly go more w/moon.	
004	"	"	"			25.9	39	3 <sup>h</sup> 52 <sup>m</sup> W	still clean near Halley	
005	2 lev	0.25s	"		5 <sup>h</sup> 42 <sup>m</sup>			12:01:26	test for position (without balloon)	
006	SA 81645	0.1s	V		7 <sup>h</sup> 08	11:02:21.6	+23 20 01	0 <sup>h</sup> 25 <sup>m</sup> W	dark & test for source	
007	"	"	"		7 <sup>h</sup> 11 <sup>m</sup>	"	"	28 <sup>m</sup> W		
008	"	0.5s	V	7000/700	7 14	"	"		Source Mark in 2nd pos.	
009	"	"	"	8500/770	<del>7 24</del>	"	"	40 <sup>m</sup> W	Retake Mark ~45° up	
010	"	"	"	9200/760	7 24	"	"	40 <sup>m</sup> W	" " 45° down	
011	Star in 76281	7S	V	750		8:20:07	14 45 56	4 <sup>h</sup> 11 <sup>m</sup>	RA result okay but should be close	
12	"	"	"		8:15	"	"	4 <sup>h</sup> 14 <sup>m</sup>	"	
13	"	"	"		8:16	"	"	4 <sup>h</sup> 16 <sup>m</sup>	"	quite close 1 <sup>h</sup> MST

Peak (349,401) (11940)  
Halley Peak (343,391) 10720

got cleaner as night set in

night got cleaner as it set in some scattered cirrus were visible in the morning though.

Telescope: 61"

Frame prefix #: FRYTC

Day of Week: Monday

RA offset: 0<sup>h</sup> 30<sup>m</sup>

Focus:

Humidity: 55% Sheet #: 2 of 1

Observers: Schultz, Fink

Date MST/ST: Monday 1/8

Dec offset: 0<sup>h</sup> 41"

Balance:

Temp O/I: 39/40

Exp #	Object	Exp time	Filter Slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-Angle exp-start	Comments (P.A., seeing, Moon, clouds, etc)
014	Venus	0.3	VPR	900		01 00			} From center disk apparent as though it was R
15	"	1	VPR	~1100	19:21		17 30	05:37	
<del>16</del>	<del>"</del>	<del>1</del>	<del>VPR</del>				<del>17 40</del>	<del>05:37</del>	
18	"	1	R	~1000				~ 05:41	
17	"	1	I					105:43	by whom all the by down telescope alt for us at that time
<del>18</del>	<del>Halley</del>	<del>10m</del>	<del>V</del>						For jumpy 5-7 pairs FW
18	Halley	10m			20 41 10	9:53:25.0	+14 21 44	03:16 <sup>m</sup>	Very windy large speed variations!
19	"			~2000	21:00	25.9	47	03:29	
20	"			~	21 17 20	26.0	48	03:46	
7	"	12"	"		21 30 27	24.8	50	03:59	
<p>because of rail (halley aperture plate) mirrors did not lock properly. ∴ Exit pupil was very low shifted cloud moved in ~ 21:40 MST</p>									

