

Telescope: 61"

Frame prefix #: SP8913

Day of Week: SAT 2/11

RA offset:

Focus:

Humdty:

Sheet #: /

Observers: FINIK/PORTER

SUN 2/12
Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

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.)
✓ <i>su 2/11</i> 001	SHOE F	300	.5		6:44:53	8:57:37	+52:29		VERY DIM SPECTRA probably pellets
✓ 002	SHOE F	600	.5	2400	6:58:15	8:57:30	+52:29:09	+0:08 / 1.07	
✓ <i>su 2/12</i> 003	BS3625	1.0	0.5	1000		9:08:17	38 38 37		1.01
✓ 004	"	1.0	0.5	11600	6:15	"		-0:42	1.01
✓ 005	"	"	"	10400	6:16	"	"	-0:41	1.01
✓ 006	"	"	"	11000	6:17	"	"	-0:41	1.01
✓ 007	SHOE F	300	0.5		7:29	8:57:07	+52:30:21	0:43 / 1.08	<i>could be hind comet</i> No SP8913 007
✓ 008	"	600	0.5		7:37	8:57:07	+52:30:20	0:51 / 1.08	<i>put up me then?</i>
✓ 008 008	Shoe E	300	0.5		9:13	9:18:43	+40:03:34	+2:06 / 1.12	
✓ 9	"	600		1900	9:25			2:16	1.14
✓ 10	"	1200	0.5	2288	9:37	9:18:41	+40:04:09	+2:30 / 1.17	9:41 higher by comp alt. drive
✓ 11	"	1200	0.5	2360	10:00	9:18:39	+40:04:42	+2:52 / 1.22	
✓ 12	"	"	"	2350	10:22	9:18:37	+40:05:16	+3:15 / 1.30	1.38
✓ 13	BS4030	1.0	"	7000		10:15:58	+23:34:35	+3:14	1.38
✓ 14	"	"	"	8700				3:16	"

Telescope:

Frame prefix #: SP891A

Day of Week:

RA offset:

Focus: Tailpiece:

Humidity: 73

Sheet #: 2

Observers:

Date MST/UT:

Dec offset:

Balance:

Temp O/I: 17/20

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.)
15	SSave	1.0	0.5	820					1.39
16	109 Vsc	0.2	1.00	920		14:19:41	1 5720		1.19
17	"	"	"	1090	11:46			-0:148	1
18	"	"	"	920	11:47			-0:147	1.19 for 2684
19	Shelf Ex. 13/19	600	0.50	1916/1500	6:56	8:56:48.7	52:31:03.7	+0:104	1.07 (c. 1/2 hr from 1:300) mostly log amp discharge
20	"	1200	"	2100/1500	7:10			+0:107	1
21	"	"	"	2212/1500	7:14	47.6	52:30:58.8	0:52	1.08 Zone cloud at 7:14
22	"	"	"	2200/1900	7:18	47.1	30:55:51.13	1:13	1.10
23	SHOE F	"	"	2100/1400	8:18	8:56:46.6	+52:30:52.3	1:36	1.12
24	"	"	"	2200/1500	8:40	46.4	:50.2	1:59	1.15 P. 0.6 cloud
25	Cloud	600	"	2. / 1090	10:45	11:25:57.0	19:02:38.1		1.11 transient See # 7
26	"	1200	"	2300	11:27	55.3	18:47:21.6	+2:16	1.20 #8 probe ok
27	"	"	"	2300	11:49	55.2	02:27	8:22.7	1.21

Telescope: 61"

Frame prefix #: 1989B

Day of Week: Friday

RA offset:

Focus:

Humidity: 78% Sheet #: 1

Observers: Fink/Pater

Date MST/UT: Feb. 10/11

Dec offset:

Tailpiece: 59.5

Balance: 490 Temp O/I: 2/38

1
2

defeat at
cal

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.)	
	Thursday	Feb 9/10		was half cloudy			To ~ 35°	Tin ~ 40	H ~ 50%	
	Friday			Camera you bought			Use card #1 (focal?)		in camera #2	
✓	001	SATTC	10	IS		9:15:32.65	14:10:21	2:17.6	1.08	
235 ✓	002	SATFIN	600	IS	27000?	9:13	14:10:21	1:20	1.08 fine 0' N 3692	
235 ✓	003	"	"	VTR	21000?	9:13.5	14:10:17	1:24 ^N	1.11 for 3690	
✓	004	Cam 200	25	VTR	20000	9:14	14:10:26	2:15.3W	1.37	
✓	005	"	"	"	18000	9:13	"	2:15	1.38	
✓	006	"	"	R	14900	9:16	"	2:17	1.39	
✓	007	"	"	"	15000	"	"	2:19	1.40	
✓	008	"	"	IR	15000	9:19	"	2:21	1.41 for 3640	
✓	009	"	"	"	15000	9:20	"	2:22	1.41	
✓	010	"	"	IS	14300	9:22	"	2:24	1.42	
✓	011	"	"	"	14100	9:23	"	2:25	1.42	
235 ✓	012	SATFIN	600	VTR	23000	9:20 ^{23m-25m}	9:15:32.0	14:22:13	2:17	1.24 for 3690 27 pro blebby strong
14 235 ✓ good 235	013	"	"	"	23500	9:18	"	2:14.5	1.24 essential regular card no blebby set at 29000 stop	

014

10:23

Telescope: 61"

Frame prefix #: FR89B Day of Week: Saturday

Humidity: Sheet #: 2

Observers: Funk/Poster Date MST/UT: Feb. 11/12

Focus: Tailpiece:

Temp O/I:

RA offset:

Dec offset:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments
025	Richie new vidler power card					Coren #7		17:00 (Sped)	1691000
024	FF	0.04	I5	22700		Coren #2		11:30	Varia at 30 for 2640 28 000
025	"	"	"	22700	2:32				
026	"	0.05	IK	21100					Varia 80
027	"	"	"	"	2:47				
028	"	0.12	R	21700					Varia 2689
029	"	"	"	21600	2:51				"
030	"	0.06	V4R	20400					"
031	"	"	"	20800	2:54				"
032	"	"	"	"					"
033	"	"	"	20400					"
034	CAMEEQ #49	d.5	V4R	20900	4:08			0:22	Varia 2655
035	"	2.6	R	20700	4:12			0:26	3635
036	"		IK	16900				0:28	Varia 2603

255 ✓

255 ✓

235 ✓

252 ✓

235 ✓

252 ✓

252 ✓

252 ✓

252 ✓

252 ✓

252 ✓

252 ✓

252 ✓

Telescope: 6"

Frame prefix #: FL89B Day of Week: Sat

RA offset:
Dec offset:

Focus: *in hole*
Tailpiece:
Balance:

Humidity: Sheet #: 4
Temp O/I: 30/58
27/32

Observers: Patk / Fnk Date MST/UT:

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.)
✓ 037	LAMBETHA	2.0	I5	16300	4:19	120:50.5	+17:52:01	40:33	1.05 hrs 3587
✓ 038	LAMBETHA	3.0	"	16900	4:18	120:27.5	+14:47:45	-1:45	1.15 2.0, 2.0 1
✓ 039	"	3.0	I5	19000	4:13	"	"	-1:43	1.14 2.0 3598
✓ 040	"	3.0	R	22700	4:13	"	"	-1:41	1.14 1.5, 1.8 3643
✓ 041	"	2.0	VTR	2512	4:13	"	"	-1:38	" 2.0, 2.0 1
✓ 042	"	1.5	"	21900	4:14	"	"	-1:36	1.12 1.7, 1.8 1
✓ 043	Star f	1.2	"				twice		1.12 1.7, 1.8 1
✓ 044	"	1.2	"	16520/13500					1.12 1.7, 1.8 1
✓ 045	SATHIN	6.0	VTR	21700		9:15:37	14:16:14	40:30	1.06 1.07 hrs 3590
✓ 046	"	"	I5	22500	7:15	"	"	40:48	1.07 hrs 3590
✓ 047	2N	"	"	22500	8:12	11:32.2	14:22:02	41:03	1.09 1.17 hrs 3590
✓ 048	"	"	VTR	21600					1.09 1.17 hrs 3647
✓ 049	" 3N	"	"		8:12	11:32.9	14:22:04	41:04	1.13 1.17 hrs 3590
✓ 050	3N	"	I5	22200	8:18	3:27	28:02	41:50	1.17 hrs 3590
✓ 051	2Y28	"	"	23600	9:13	8:14:01.7	99:55:24	2:56	1.24 1.24

235 ✓
235 ✓
235 ✓
235 ✓
235 ✓
235 ✓

Telescope:

Frame prefix #: **FR2013** Day of Week: **SAT/SUN**

RA offset:

Focus: Tailpiece:
Balance:

Humdty: Sheet #: **S**

Observers: **Frank/Power/SSW** Date MST/UT:

Dec offset:

Temp O/I: **windy**

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments
✓ 052	Lynt	60	V+R	~20000	9:52	8:48:015	44:55:21	3:12	1.29
✓ 053	SAT SN	11	R	~1700	10:11	9:15:324	14:28:00	3:05	1.42
✓ 054	" 2N	11	"		10:44	"	:220	3:05	1.60
✓ 055	" 1N	11	"		10:54			3:06	1.72
✓ 056	P1Cent	120	V+R	11700/11111	11:17	11:27:15	14:28:11	4:22	1.22
✓ 057	P1Cent	120	"		11:44	11:27:15	14:28:11	4:22	1.22
✓ 058	P1Pann	11	"						
✓ 059	"	11	"		12:20			1:28	1.07

235

235

235

232

Telescope: 61" *lookup by myself to get VSP (at the end of part's width)*

Frame prefix #: F289B Day of Week: Wed/Th
 Observers: Fink Date MST/UT: Feb. 15/16

Humidity: 87 Sheet #: 8
 Tailpiece: 343
 Balance: 800 Temp O/I: 27/31

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.)
074	Can. 88-384	0.80	V+R	2200		16:16:16.2	+14:42:42		1.20 / 11350
075	"	0.80	"	2150				-2:02	" for 3648
076	"	1.0	R	2060				1.19	"
077	"	"	"	2107	11:57			-1:58	"
078	"	"	IK	16100	11:52			-1:56	1.18
079	"	1.5	"	17600	11:18			-1:55	1.17
080	"	2.0	IS	18087	12:01 ~	5:01 MS		-1:51	"
081	"	"	"	1887	12:03			-1:44	1.16
082	"	1.0	V	21350	12:08			-1:45	1.15
083	"	"	"	21435	12:09			-1:43	"
084	"	"	R	13327	12:12			-1:41	1.14
085	"	4.0	"	22084	12:14			-1:38	"
086	V88	2.0	V+R	1380	12:24	16:55:02.1	-8:21:29	-2:07	1.57 for 3648
087	"	"	R	12470	12:28	" 1900	"	-2:03	1.57 for 3648
088	"	"	IK	13460	12:34	(16:52:55)	(-8:18:12)	-1:58	1.57 B60

Telescope: 614

Frame prefix #: FR19B

Day of Week: Wed 17th

RA offset:

Focus: Tailpiece:

Humdty: Sheet #: 9

Observers: FNK

Date MST/UT:

Dec offset:

Temp O/I:

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.)
✓ 089	VR8	120	JJ	1500	12:18	16:55:02	-1:21:28	-1:53	1.52 for 360
✓ 090	"	120	V		12:45			-1:46	1.50 for 3645
✓ 091	"	100	R		12:48			-1:43	1.48 "
✓ 092	"	10	B		12:50			-1:41	" "
✓ 093	"	120	"		12:52			-1:39	1.47
✓ 094	"	5	V+R		12:59			-1:32	1.45
✓ 095	"	2	"		13:01			-1:31	1.44
✓ 096	"	5	R					-1:28	" "
✓ 097	"	5	JK		13:06			-1:25	1.43 for 260
✓ 098	"	2	"		13:08			-1:24	" "
✓ 099	"	2	JJ		13:09			-1:22	1.42 for 260
✓ 100	"	2	"	1150	13:11			-1:21	" "
✓ 101	"	5	"		13:12			-1:19	1.41
✓ 102	"	20	VR		13:23			-1:08	1.39

10.014 nights