

Telescope: 6" <sup>11</sup>

Frame prefix #: FR886

Day of Week: Wed/Th.

RA offset:

Focus: ~~370~~ 370 Humdty: 69% Sheet #: 1

Observers: Fink/Pate

Date MST/UT: May 18/19

Dec offset:

Tailpiece: 37  
Balance: 500 Temp O/I: 40/44

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.)
✓ 001	Pluto	60s	R	8700 / 1400 2600 / 1400	8:33			+2:06	418 <sup>h</sup> 193 <sup>m</sup> 1.90 <sup>s</sup> pub ~ 4.5
✓ 002	Tyde	60s	"	2400 / 1700	<del>9:22</del> 9:22	15:17:30	3:45:11	2:07	1.57 top camera not broke!
✓ 003	"	3WS	"	1400 / 450	10:51:13			2:59	1.57
✓ 004	"	"	"	1700 / 400	10:48	15:18:19.6	3:40:34.0	3:16	1.7P 429, 329
✓ 005	?							all in	→ 429, 405 428, 409
✓ 006	Mag	0.10	0.25m	21400					getting light
✓ 007	"	0.05	"					-1:17	1.71
✓ 008	"	0.05	170065	1380					
✓ 009	"	"	19=0.05m	4000?	11:46			-1:51	1.69 off axis
✓ 010	"	"	12=0.05m	10000	11:48				1.68
✓ 11	"	"	"	9800	11:49				1.67
✓ 12	"	"	"	10200	11:57				1.66
									- cloud from slightly
									in many
									- you can take it get
									light

faded from hot the before

all diff 225 241

Telescope: 61"

Frame prefix #: FR88G

Day of Week: Thursday

RA offset:

Focus: 380 mm

Humdty:

Sheet #: 2

Observers: Fish/Peter

Date MST/UT: May 14/20

Dec offset:

Tailpiece: 27

Balance: 50 Temp O/I: 45/50

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.)
✓ 013	BS 4529	1.0	0.25	9400	4:13:10	11:47:49	-10:15:29	0:55 W 1.41	
✓ 014	BS 4529	1.0	0.25		4:16:45	11:47:49	-10:15:29	0:58 W 1.41	
✓ 015	BS 4529	1.0	0.25		4:19:	11:47:49	-10:15:29	0:59:30	
✓ 016	BS 4529	1.0	1.0	9600	4:20:01	11:47:49	-10:15:28	1:01:27	
✓ 017	BS 4529	1.0	1.0	9800	4:20:57	11:47:49	-10:15:28	1:02:30	
✓ 018	BS 4529	1.0	1.0	9000	4:21	11:47:49	-10:15:28	1:03:10	
✓ 019	BS 5183	1.0	1.0	10,700	5:27:32	13:46:24	+6:25:05	0:10:30	PS POWER FAILURE
✓ 020	BS 5183	1.0	1.0	9200	5:29:31			0:12:44 1.11	DOMB SLIGHTLY IN WAY
✓ 021	BS 5183	1.0	1.0	10,700	5:31:18	13:46:23	+6:24:31	0:14:26 1.11	
✓ 022	BS 5183	1.0	1.0	9,500	5:32:14	13:46:23	+6:24:31	0:15:10 1.11	
✓ 023	BS 5183	1.0	1.0	10,700	5:33:07	13:46:23	+6:24:31	0:16:18 1.12	
✓ 024	BS 5183	1.0	1.0	10,200	5:38:59	13:46:23	+6:24:31	0:17:08 1.12	
✓ 025	BS 5183	1.0	1.0	10,500	5:39:54	13:46:23	+6:24:31	0:18:04 1.12	
✓ 026	BS 5868	0.2	1.0	11,300	5:45:12	15:45:53	+7:24:42	1:30 1.19	
✓ 027	BS 5868	0.2	1.0	11,100	5:46:07	15:45:53	+7:24:42	1:29 1.19	

Telescope:

Frame prefix #: FR88G

Day of Week: Thurs/Fri

RA offset:

Focus:

Humdty:

Sheet #: 3

Observers: FINK, Peter D. Sant

Date MST/UT: 4/20 May

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.)
✓ 028	ZS5868	0.18	1.0	10,900	5:47:20	15:45:55	+7:23:38	-1:29 1.19	
✓ 029	ZS5868	0.18	1.0	11,300	5:48:14	15:45:55	+7:23:38	-1:28 1.19	
030	PLUTO	10:00	1.0	6,800	6:24:30	14:53:27	+0:45:32	-1:20 1.17	
031	PLUTO	10:00	1.0	6700/1400	6:36:30	14:53:27	+0:45:32	+0:13 1.18	
032	"	"	"	6800/1300	48:40			0:25 1.18	
033	"	"	"	6300/1300	59:57			0:36	1.19
034	"	"	"	4900/	7:11:50			0:48	1.20 drifting out...
✓ 035	"	"	"	4100/1400	7:45:07	14:53:27	+0:45:27	1:22	1.25
✓ 036	"	"	"	4400/1400	8:04:20			1:41	1.30 topped off down ~8h UT
037	"	"	"	4100/1400	8:16:15	25.40	27	+1:53	1.33
(S) 038	"	"	"	4300/1400	8:28:32	25.38	27	+2:05	1.37 FOCUS OK SEEING BAD
039	SAD COM	8.0	"	5500	8:49:58	14:54:57.13	+0:46:33.9	+2:25	1.45
040	SAD COM	12.0	"	7300	8:51:34	57.12	34.1	+2:26	1.46
(G) 041	SAD COM	12.0	"	7,000	8:52:58	57.13	34.3	+2:28	1.47
042	PLUTO	10:00	"	4,000	8:59:13	25.41	30.0	+2:36	1.51

25.38

Telescope:

Frame prefix #: FR88G

Day of Week: THURS/FRI

RA offset:

Focus:

Humdty:

Sheet #: 4

Observers: FINK/PORTER/  
DISANTI

Date MST/UT: 19/20 MAY

Dec offset:

Tailpiece:

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.)	
✓ 43	PLUTO	10:00	1.0		9:10:25	14:53:25.4	+0:45:32.1	+2:47	1.57	
✓ 44	PLUTO	10:00	1.0	4,000	9:23:06	14:53:25.7	+0:45:34.8	+3:00	1.66	BIAS -.007 ↑
✓ 45	PLUTO	10:00	1.0	4,200	9:35:15	14:53:26.2	+0:45:38.1	+3:12	1.74	BIAS -.005
②/ 46	PLUTO	10:00	1.0	4,100	9:46:55	14:53:26.5	+0:45:41.2	+3:24	1.86	"
✓ 47	SAO COMP	0:12	1.0	9	10:19:27	14:55:00.4	+0:46:56.9	+3:55	2.25	Bias -.003
✓ 48	SAO COM	0:12	1.0							
✓ 49	SAO COMP	0:12	1.0	9,300						
✓ 50	SAO COM	0:12	1.0	8,000	10:23:00			+3:58	2.30	
②/ 51	SAO COM	0:12	1.0	7,900	10:29:12	14:55:00.6	+0:46:59.4	+3:59	2.32	
✓ 52	PLUTO	10:00	1.0	5000	10:29:12	14:53:29.2	+0:45:58.8	+4:06	2.45	Bias -.003
✓ 53	"	"	"	4900	40:20			4:17	2.68	low cell adjust me
✓ 54	"	"	"	4800	51:50		31.8 0 46 25.3	4:29	2.99	3.00 adjust
✓ 55	SAO Comp	125	"	8100	11:04				3.37	
✓ 56	"	"	"	7700	11:05	14:55:04.7	0 47:30.3		3.40	
✓ 57	"	"	"	7600	11:06				3.44	



Telescope: 61

Frame prefix #: FR886

Day of Week: Friday

RA offset:

Focus:

Humdty: 45 Sheet #: 6

Observers: Fink/Dick

Date MST/UT: May 20/21

Dec offset:

Tailpiece:

Balance: ~~500~~  
400

Temp O/I: 38/41

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.)
67	Friedler	15	R		4:04	9:59:14.1	+12 02 56	+2:18	1.43 bad pixel in center
68	BS5511	0.1	dichro 0.25m	~6000	~6:14	14:45:41	+01 16:39		dichro } ungejupakt u. lit
69	"	"	dichro 1m	7200	6:16			0:104	1.16 } stel.
70	"	"	"	7600	6:17			0:105	1.16 }
71	"	"	open 0.25m	6500	6:28			0:116	1.16 open
72	"	"	1m	9200	6:29			0:118	1.16
73	"	"	"	9100	6:31			0:119	1.16
74	BS 1868	0.15	"	10900		15:45:55	+7 23 42	0:32E	1.11 open
75	"	0.12	"	9900	6:28			0:29E	"
76	"	"	"	9200	6:29			0:28	"
77	"	"	0.25	8400	6:45			0:27	" T 46/48
78	"	"	1.0m	8500	6:18			-0:19	" dichro
79	"	"	"	8100	6:19			"	" phote
80	"	"	"	9300	7:00			-0:13	1.11
81	"	0.15	0.25m	7000	7:01			-0:10	



