

Telescope: 61"

IRIS = 320  
CAMERA #1

Frame prefix #: FR86G Day of Week: SAT/SUN RA offset:

Focus: 3970 Humdty: 56% Sheet #: 1

Observers: FINK SCHULTZ Date MST/UT: May 31/June Dec offset:  
MARCELALICTailpiece: 17  
Balance: 70 Temp O/I: 50/54

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	HALLEY	20	R	9972	3:26:22	10 <sup>h</sup> 25 <sup>m</sup> 47.9 <sup>s</sup>	-6°43'58"	2 <sup>h</sup> 14 <sup>m</sup>	filled dewar 17:05
✓ 002	"	60	R	26,000	3:29:32			2 <sup>h</sup> 17 <sup>m</sup>	good image image 680x680
✓ 003	"	180	R	30,500	3:32:14			2 <sup>h</sup> 20 <sup>m</sup>	
✓ 004		20	V	9500	3:10:5	10:25:47.5	-6:43:53	2 <sup>h</sup> 26 <sup>m</sup>	
✓ 005		60		30000	3:40:18			2 <sup>h</sup> 28 <sup>m</sup>	
✓ 006		180			43:04			2 <sup>h</sup> 31 <sup>m</sup>	
✓ 007		300	R		48:28	10:25:48.2	-6:43:49	2 <sup>h</sup> 36.5 <sup>m</sup>	FITS HDR say V
✓ 008		30	I	7500	56:14			2 <sup>h</sup> 44 <sup>m</sup>	
✓ 009		120		30500	58:32			2 <sup>h</sup> 46.5 <sup>m</sup>	
✓ 010		60	B	15000	4:02:05	10:25:47.5	-6:43:43	2 <sup>h</sup> 50 <sup>m</sup>	good exposure
62.25 ✓ 011		180		5100	04:38			2 <sup>h</sup> 52 <sup>m</sup>	
68.25 ✓ 012	DARK	11.0	N/A	744	4:52:57			3 <sup>h</sup> 01 <sup>m</sup>	
✓ 013	"	1.0	N/A	744	4:54:21				Topped off dewar 10:00
✓ 014	Flat Field	17	6185	14000					
✓ 015		10	"	18600					

NOT PHOTO METRIC



Telescope: 61"

CAMERA  $\emptyset$ 

Frame prefix #: G

Day of Week: Tue/Wed

RA offset:

Focus:

Humidity: 53% Sheet #: 3

Observers: Mardini, Fink

Date MST/UT: June 08/04

Dec offset:

Tailpiece:

Balance: 630 Temp O/I:

(Spec)

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.)
✓ 027	He	0.05	0.25	12m/801					
✓ 028	"	0.20	"	- / 771					
✓ 029	He	0.05	"	9m/770					greatly reduced at focus
✓ 030	He	0.20	"						TILT AND/OR FOCUS NOT GREAT
✓ 031	He	0.50	"						
✓ 032	HALLEY	300	0.25	1500/950	3:27:06	10 <sup>h</sup> 26 <sup>m</sup> 01	-06°23'19"	2 <sup>h</sup> 26 <sup>m</sup> W	CLOUDY - HARD TO SEE IN SLIT
✓ 033	"	600	"	1900/1000	3:39:30				
✓ 034	BS 4529	610s		10,000/640	3:55:10				← CRASH WHILE WRITING 034 DOES NOT EXIST accidentally written as 6507658
✓ 036	"	10s		6900	4:17:57				
✓ 037	"	10s		7400	4:21:26	11 47 62	-10 15 13	2 <sup>h</sup> 00 <sup>m</sup> W	
✓ 038	"	7			4:41:50			2 <sup>h</sup> 19 <sup>m</sup>	
✓ 039	"	7		5700/630	4:45:52			2 <sup>h</sup> 24 <sup>m</sup>	
✓ 040	SAO 067152	1.0		9000					TIME ON HEADER IS OK TO 41 S.
✓ 041	"	1.0			9:57:34	18 35 51	+30 33 10	0 <sup>h</sup> 48 <sup>m</sup> W	
✓ 042	"	1.0			10:00:30				

Telescope: 61"

Frame prefix #: 86G

Day of Week: Thu

RA offset:

Focus:

Humdty: 56

Sheet #: 4

Observers: MADS, RLM

Date MST/UT: 3/4 JUN 86

Dec offset:

Tailpiece: 17

Temp O/I: 54/56

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.)
✓ 043	SAD 067152	1.0	0.25	9089/630	10:02:35	18 35 50	+30 33 10	0 <sup>h</sup> 53 <sup>m</sup> W	
✓ 044	DARK	1.0	"		10:06:52				
✓ 045	3C 362	300	"	HA 3100	10:10:39	18 34.403	+30 39:58	1 <sup>h</sup> 02 <sup>m</sup> W	
✓ 046	"	900		H+ 3098	10:19:59				
✓ 047	"	900		H+ 8100	10:39:28				
✓ 048		900		<del>800</del> 9100	10:56:53				
✓ 049	DARK	1.0		658±15	11:13:53				
✓ 050	SAD 067152	1.0			11:16:58			2 <sup>h</sup> 07 <sup>m</sup>	Hender says 'dark'
✓ 051	"	1.0		10,900	11:19:16				↓
✓ 052	"	1.0		7300	11:21:10				↓
✓ 053	"	1.0		11,500	11:23:05				↓
✓ 054	FLAT FIELD	12.0		9050	11:37:46				
✓ 055	"	12.0		9100	11:34:56				
✓ 056	"	12.0		9100					
✓ 057	"	12.0		8800	11:55-				

Telescope: 61"

Frame prefix #: 86 G

Day of Week: Wed/Thur

RA offset: 2<sup>s</sup> E

Focus:

Humidity: 48% Sheet #: 5

Observers: MADS, RLM

Date MST/UT: 4/5 JUNE 86

Dec offset: 1'S

Tailpiece:

Temp O/I: 59/61 °F

Balance:

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.)
✓ 058	HALLEY	600 <sup>s</sup> .0	0.25	~2500	3 <sup>h</sup> 31 <sup>m</sup> 22 <sup>s</sup>	10 <sup>h</sup> 26 <sup>m</sup> 07.6 <sup>s</sup>	-6°17'00"	2 <sup>h</sup> 34 <sup>m</sup>	in & out of clouds
✓ 059	"	"	"	~1400	3 <sup>h</sup> 44 <sup>m</sup> 55 <sup>s</sup>			2 <sup>h</sup> 48 <sup>m</sup>	" " " "
✓ 060	"	"	"	~2000/650	3 <sup>h</sup> 57 <sup>m</sup> 07 <sup>s</sup>			3 <sup>h</sup> 00 <sup>m</sup>	
✓ 061	"	"	"	~1500/700	4:09:36 <sup>s</sup>			3 <sup>h</sup> 13 <sup>m</sup>	
✓ 062	"	"	"	~2000	4:22:51			3 <sup>h</sup> 26 <sup>m</sup>	HUMIDITY UP TO 55%.
✓ 063	"	"	"	~2000	4 <sup>h</sup> 36 <sup>m</sup> 14 <sup>s</sup>			3 <sup>h</sup> 40 <sup>m</sup>	
✓ 064	BS 4529	2.0	"	7600	5:00:04 <del>4:58:17</del>	11 47 46.5	-10 15 04	2 <sup>h</sup> 48 <sup>m</sup>	
✓ 065	"	2.0	"	9800	5:02:04 <del>4:58:17</del>			2:44	
✓ 066	"	2.0	"		5:03:57			2:46	seeing quite variable
✓ 067	"	2	"	11000	<del>5:03:57</del> 5:21:01			<del>3:03</del> 3:03	(difficult!)
✓ 068		2 → 4 (???)	"		5:22:57	<del>20:57</del>		3:08	healer say 8 sec int (?)
✓ 069		"	"	8900	5:25:??			3:09	
✓ 070		4	"	9800	34:41			3:16.5	
✓ 071	↓	"	"	8500	35:53			3:18	
✓ 072	BS 5183	2	"	8600	43:47	13:48:21	+624:18	1:27	

Telescope: 61"

Frame prefix #: 86G

Day of Week: WED/THUR

RA offset:

Focus: 4000 (CAMERA 01)

Humdty: 63% Sheet #: 6

Observers: RLM, MADS, WW Date MST/UT: 4/5 JUNE 86

Dec offset:

Tailpiece:

Temp O/I: 52/55°F

Balance:

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.)
✓ 073	BS 5183	2	0.25	8500	5:45:55	13:46:21	+6:24:19	1:29	CAMERA #0 → FRAME 084
✓ 074	"	"	"	8100	47:04			1:30:05	
✓ 075	"	"	"	7000	48:28			1:32	
✓ 076	BS 4529	4.0	"	7800	5:55:27	11 47 48.3	-10 14 52	3:37	
✓ 077	"	4.0	"	7500	5:56:53			3:39	
✓ 078	"	4.0	"	~7000	6:01:06			3:40	MUCH CLEARER; DARK CURRENT up
✓ 079	FLAT FIELD	15.10	"		6:39:3			0	REFILLED DEWAR
✓ 080	"	"	"		6:41:03				
✓ 081	"	"	"		6:42:35				
✓ 082	"	"	"		6:43:20				
✓ 083	DARK	1.0							centroid at pixel (388, 385)
✓ 084	DARK	1.0			6:46:-				
✓ 085	SAO 186627	0.25	R	13800/748	8:11:10	18 17 47.4	-22 01 42		FOCUS = 4000 (CAMERA #1)
✓ 086	"	0.30	R	17300	8:12:39	"	"		
✓ 087	"	0.30	R		8:13:48				Δ 90" E

Telescope:

Frame prefix #: 866

Day of Week:

RA offset:

Focus:

Humdty:

Sheet #: 7

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I:

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.)
✓ 088	TRITON	7.0	R		8 <sup>h</sup> 24 <sup>m</sup> 14 <sup>s</sup>	182139.7	-221426		SCREWUP: FORGOT TO USE V
✓ 089	"	7.0	R		8 27 25				FILTER; R IMAGES SAVED.
✓ 090	"	7.0	R		8 28 39				BLEEDING INTO TRITON.
✓ 091	"	7.0	R		8 29 42				
✓ 092	↓	7.0	R		8:31:01				
✓ 093	186626	0.3	V		8:38:30				
✓ 094	↓	0.3	V		8 39 31				
✓ 095	↓	0.3	V		8:40:30				
✓ 096	TRITON	5.0	V		8:43:10				
✓ 097	↓	7.0	V	9100	8:45:12				
✓ 098	↓	7.0	V	°	8:46:32				
✓ 099	↓	7.0	V		8:47:28				
✓ 100	↓	7.0	V		8:48:26				
✓ 101	186626	0.3	V	20,000	8:50:37				
✓ 102	"	0.3	V		8:52:03				

Telescope: 61"

CAMERA #1

Frame prefix #: 86 G

Day of Week: WED/THUR

RA offset:

Focus: 4000

Humdty:

Sheet #: 8

Observers: RLM, MADS, WU

Date MST/UT: 4/5 JUNE 86

Dec offset:

Tailpiece: 927 (E/W)

Balance:

Temp O/I: 50/52 °F

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.)
✓ 103	THELA	300	B		9:21:30	17:50:28	+12 08 20	1 <sup>h</sup> 20 <sup>m</sup> W	TAILPIECE AT 17
✓ 104	THELA	300	B		9:36:08	"	"	1 <sup>h</sup> 35 <sup>m</sup>	" " "
✓ 105	TRITON	7.0	V		?	18:21:41.5	-22:14:45		TAILPIECE ROTATED TO 927
✓ 106	SAO 186626	0.3	V	19,800	10:00:08	18:17:40.3	-22:01:42	1 <sup>h</sup> 13 <sup>m</sup>	HEADER SAYS B, BUT WAS <sup>TRITON</sup> V <sup>COMP</sup>
✓ 107	SAO 186626	0.3	V		10:03:06	18:17:40.3	-22:01:42	1 <sup>h</sup> 16 <sup>m</sup>	" " " " " "
✓ 108	TRITON	10	V		10:04:35	<del>18:21:34.6</del>	<del>-22:14:45</del>	1 <sup>h</sup> 17 <sup>m</sup>	" " " " " "
✓ 109	TRITON	10	V		10:06:52	<del>18:21:34.6</del>	<del>-22:14:45</del>	1 <sup>h</sup> 20 <sup>m</sup>	" " " " " "
✓ 110	TRITON	10	V		10:15:36	<del>18:21:34.6</del>	<del>-22:14:45</del>	1 <sup>h</sup> 24 <sup>m</sup>	HEADER SAYS B, BUT WAS V
✓ 111	TRITON	10	V		10:17:06	18:21:34.6	-22:14:45	1 <sup>h</sup> 26 <sup>m</sup>	" " " " " "
✓ 112	TRITON	10	V		10:18:08	18:21:34.6	-22:14:45	1 <sup>h</sup> 27 <sup>m</sup>	" " " " " "
✓ 113	SAO 186626	0.2	V	19204	10:24:22	18:17:41.6	-22:01:42	1 <sup>h</sup> 33 <sup>m</sup>	
✓ 114	SAO 186626	0.2	V	18695	10:25:55	18:17:41.6	-22:01:42	1 <sup>h</sup> 39 <sup>m</sup>	
✓ 115	SAO 186626	0.2	V	18916	10:27:08	18:17:41.6	-22:01:42	1 <sup>h</sup> 40 <sup>m</sup>	
✓ 116	DARK	1.0	N/A	646	10:28:39				GETTING LIGHT OUTSIDE
✓ 117	DARK	1.0	N/A	648	10:29:58				





Telescope: 61"

CAMERA Ø

Frame prefix #: 86 G

Day of Week: TH/FR

RA offset: 1'07"E

Focus: 3992

Humdty: 49% Sheet #: 10

Observers: RLM, MADS

Date MST/UT: 5/6 JUNE 86

Dec offset: 52"S

Tailpiece: 40

Balance: 630 Temp O/I: 58/60 °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.)
✓ 128	HALLEY	600	0.25	<sup>3450</sup> / <sub>1000</sub>	3:32:02	10 <sup>h</sup> 26 <sup>m</sup> 16 <sup>s</sup> .3	-6°11'07"	2 <sup>h</sup> 39	BREEZY, BUT ~ CLEAR
✓ 129	HALLEY	600	0.25	750	3:45:37	10 26 17.6	-6 11 01	2 54	
✓ 130	HALLEY	900	0.25	4380	3:57:52			3:05	LOST 24 SEC ON CENTERING CHECK
✓ 131	HALLEY	900	0.25	4255	4:15:35	10 28:18.0	-6 10 50	3 <sup>h</sup> 23	" 40 " " " "
✓ 132	HALLEY	600	0.25	<sup>3000</sup> / <sub>830</sub>	4:33:16				
✓ 133	BS 4691	1.0	0.25	11,000	4:51:13	12:19:33.3	-22:06:46	2 <sup>h</sup> 05 <sup>m</sup>	
✓ 134	BS 4691	0.8	0.25	8300	4:53:10	"	"	2 <sup>h</sup> 07 <sup>m</sup>	
✓ 135	BS 4691	0.8	0.25	8170	4:54:56	"	"	2 <sup>h</sup> 09 <sup>m</sup>	
✓ 136	BS 4691	0.8	0.25	5170	4:57:13	"	"	2 <sup>h</sup> 12 <sup>m</sup>	
✓ 137	BS 4691	0.8	0.25	8000	4:58:59	"	"	2 <sup>h</sup> 13 <sup>m</sup>	
✓ 138	BS 5183	1.0	0.25	7650	5:04:31	13:46:21	+6:24:16	0 <sup>h</sup> 52 <sup>m</sup>	
✓ 139	BS 5183	1.0	0.25	5409	5:06:04	"	"	0 <sup>h</sup> 53 <sup>m</sup>	
✓ 140	BS 5183	1.0	0.25	7800	5:08:12	"	"	0 <sup>h</sup> 56 <sup>m</sup>	
✓ 141	BS 5183	1.0	0.25		5:09:37	"	"	0 <sup>h</sup> 57	
✓ 142	BS 5183	1.0	0.25	7500	5:10:29	"	"	0 <sup>h</sup> 58	

Telescope: 61"

CAMERA D

Frame prefix #: 86G

Day of Week: TH/FR

RA offset: 107" E

Focus: 3992 Humdty: 59% Sheet #: 11

Observers: KLM MADS

Date MST/UT: 5/6 JUNE 96

Dec offset: 52" S

Tailpiece: 40

Balance: 630 Temp O/I: 53/56 OF

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.)
✓ 143	BS 5183	1.0	0.25	110	5:22:19	13 46 20.9	+6 24 46		
✓ 144	BS 4691	2.0	0.25	11,459	5:24:04	12:19:35.7	-22:06 37	2 <sup>h</sup> 38 <sup>m</sup>	
✓ 145	BS 4691	1.5	0.25	9780	5:27:46	"	"	2 <sup>h</sup> 42 <sup>m</sup>	
✓ 146	BS 4691	1.5	0.25	9300	5:29:17	"	"	2 <sup>h</sup> 44 <sup>m</sup>	
✓ 147	BS 4691	1.5	0.25	10800	5:30:34	"	"	2 45 <sup>m</sup>	
✓ 148	BS 4691	1.0	0.25	9584	5:33:53	"	"	2 46	DEWARTOPPED OFF 5:40 UT
✓ 149	BS 5511	0.10	1.00	7900	5:49:55	14:45:38.0	+1:56:01	0 <sup>h</sup> 38 <sup>m</sup> W	WRITE TO TAPE
✓ 150	BS 5511	0.1	1.00	6800	5:51:16	"	"	0 <sup>h</sup> 39 <sup>m</sup> W	
✓ 151	BS 5511	0.1	1.00	7700	5:52:33	"	"	0 <sup>h</sup> 40 <sup>m</sup> W	
✓ 152	DARK	1.0	N/A	647	5:54:39	-	-	-	
✓ 153	DARK	1.0	N/A	648:15	5:55:56	-	-	-	
✓ 154	FLATFIELD	12.0	0.25	8100	6:00:12				
✓ 155	FLATFIELD	12.0	0.25		6:01:44				
✓ 156	FLATFIELD	12.0	0.25	7140	6:02:51				
✓ 157	FLATFIELD	12.0	0.25	7100	6:04:15				

Telescope: 61"

CAMERA #1

Frame prefix #: 86G

Day of Week: TH/FR

RA offset: 1'07"E

Focus: 4031V

Humdty:

Sheet #: 12

Observers: RLM WW MADS Date MST/UT: 4 JUNE 86

Dec offset: 52"S

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.)
✓ 158	SAO 186626	0.3	V		8:01:37	18 17 47.0	-22 01 55	0 <sup>h</sup> 39 <sup>m</sup> E	
✓ 159		0.3	V		8:03:30	"	"	0 <sup>h</sup> 40 <sup>m</sup> E	
✓ 160		0.3	V		8:04:21	"	"		
✓ 161		0.3	V	17,204	8:05:20	"	"	0 <sup>h</sup> 38 <sup>m</sup>	
✓ 162	TRITON	10	V		8:09:07				
✓ 163		10	V		8:15:28			0 <sup>h</sup> 32 <sup>m</sup>	
✓ 164		10	V		8:16:28			0 <sup>h</sup> 31 <sup>m</sup>	
✓ 165		10	V		8:17:30			0 <sup>h</sup> 30 <sup>m</sup>	
✓ 166	TRITON	10	V	6743	8:18:37	18 21 33.3	-22 14 29	0 <sup>h</sup> 29 <sup>m</sup>	
✓ 167	SAO 186626	0.3	V	13532	8:22:47			0 <sup>h</sup> 21 <sup>m</sup>	
✓ 168	SAO 186626	0.3	V		8:24:31			0 <sup>h</sup> 19 <sup>m</sup> E	
✓ 169	SAO 186626	0.3	V		8:25:21			0 <sup>h</sup> 18 <sup>m</sup> E	
✓ 170	SAO 186626	0.3	V	12340	8:26:29			0 <sup>h</sup> 17 <sup>m</sup> E	
✓ 171	DARK	1	—	675	36:35				
✓ 172	"	"	"		37:06				

Telescope:

Frame prefix #: FR066

Day of Week:

RA offset:

Focus:

Humdty: 77 Sheet #: 13

Observers:

Date MST/UT:

Dec offset:

Tailpiece:

Balance:

Temp O/I: 46/44.

Exp #	Object	Exp time	Filter	Counts Object/Sky	Exp start MST	RA set	Dec set	Hour-angle exp-start	Comments (P.A., seeing, Moon, clouds, etc.)
✓ 173	908+332	3	U	21600	8:56:27	16:34:44	-0:03:16	1 <sup>h</sup> 56	Peak = (427, 406)
✓ 174	"	"	"	16500	59:36	139	"	1:59	
✓ 175	"	"	"	17300	9:01:24	147.5	"	2:01	(425, 343)
✓ 176	"	"	"	13300	02:53	144	-0:02:16	2:02	
✓ 177	"	"	"	16304	04:36	"	-0:04:16	2:04	
✓ 178	BD435-61	30	"	17800	15:17	17:57:13	+4:38:32	0:52	
✓ 179	"	"	"	18300	17:19			0:54	
✓ 180	SA110340	4	"	18800	29:20	18:40:51	+0:13:38	0:23	Topped off during 9:15 UT
✓ 181	SA111-775	60	"	6400	29:35				
✓ 182	"	160	"	14400	9:41:14	19:36:39	+0:09:13	0:20	
✓ 183	S111-2009	16	"	19700	9:50:20			0:13	peak ~ (441, 381)
✓ 184	"	"	"	19868	9:52:17	19:37:12	+0:23:31	0:10	" ~ (442, 403) ← <u>normal</u>
✓ 185	SAO 186626	0.3	V	17704	10:18:24	19 17 48.3	-22 01 54	1 <sup>h</sup> 33 <sup>m</sup> W	Focus 4030
✓ 186	SAO 186626	0.3	V	18620	10:17:57	"	"	1 <sup>h</sup> 34 <sup>m</sup>	
✓ 187	SAO 186626	0.3	V	19500	10:19:16				

Telescope: 61"

Frame prefix #: FR866

Day of Week: UT June 6

RA offset:

Focus: 3850

Humdy:

Sheet #: 14

Observers: RUM, MD, MD

Date MST/UT: Thurs/Fri

Dec offset:

Tailpiece: 170

Balance: 72

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.)
✓ 188	SAD 186626	0.3	V		10:20:44			1 <sup>h</sup> 38 <sup>m</sup> W	
✓ 189	TRITON	10	V	8000	10:26:49	18 21 32	-22 14 49		
✓ 190	TRITON	10	V		10:28:49			1 <sup>h</sup> 42 <sup>m</sup>	
✓ 191	TRITON	10	V		10:29:49			1 <sup>h</sup> 43 <sup>m</sup>	
✓ 192	TRITON	10	V		10:30:49			1 <sup>h</sup> 44 <sup>m</sup>	
✓ 193	TRITON	10	V		10:31:50			1 <sup>h</sup> 45 <sup>m</sup>	
✓ 194	Dark	1	Dark	665	~10:33:30				
✓ 195	"	"	"	663	~10:34:30				
✓ 196	SAO 186626	0.3	V	14800	10:37:59			1:55	
✓ 197	"	"	"		39:34	18:17:49.0	-22:01:52	1:56	
✓ 198	"	"	"		40:24			1:57	
✓ 199	"	"	"		41:15			1:58	
✓ 200	SA 112-1242	2	U	17800	10:50:18	20:41:43	+00:23:15	0:18	
✓ 201	SA 112-805	15	"	12300	55:59	20:42:07	+00:12:41	0:12	
✓ 202	SA 112-275	"	"	14200	59:59			0:08	



Telescope: 61"

Frame prefix #: FR866

Day of Week: Fri/SAT

RA offset:

Focus: 3998

Humidity: 43 Sheet #:

Observers: ww Schultz

Date MST/UT: 6/7 June 1986

Dec offset:

Tailpiece: 17

Balance: Temp O/I: 56/60

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.)
✓212	Flad Field	0.5	R	17800			-21:29		Filled dewar 6840 512 X 512
✓213		0.5	R	18400					
✓214		0.9	V	19900					
✓215				19800					
✓216		4	B	18000					
✓217				17300					
✓218		0.3	I	17000					
✓219									
✓220		80	6300	13000					
80.486 ✓221									
83.746 ✓222		90	TLT	12600					
✓223									
✓224		12	6185	19000					
✓225				19000					
✓226		28	6250	19600					



Telescope: 6" 1/4"

Frame prefix #: FR86G Day of Week: Fri/Sat

RA offset:

Focus: 3998

Humdy:

Sheet #:

Observers: W W  
Schwartz

Date MST/UT: Jun 6/07

Dec offset:

Tailpiece: 17

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.)
✓227		28	6250	<del>19800</del>	3				
✓228	PanZ	1	N/A	680					
✓229				709					
✓230	Halley	10	R	<del>6000</del> 836	3:51:11	10:26:21.8	-06:04:30	3 <sup>h</sup> 02	
✓231		30		<del>16300</del>	3:54:04	10:26:26.8	-6:04:28	3 <sup>h</sup> 05	
✓232		90			3:56:03		-6:04:27	3 <sup>h</sup> 07	
✓233		30	V	<del>17200</del>	59:16		-6:04:26	3 <sup>h</sup> 10 <sup>m</sup>	
✓234		90			4:00:57		-6:04:25	3 <sup>h</sup> 12 <sup>m</sup>	
✓235		60	B	<del>9900</del>	03:48	10:26:27.8	-6:04:24	3 <sup>h</sup> 15 <sup>m</sup>	
✓236		240			06:28		-6:04:23	3 <sup>h</sup> 17 <sup>m</sup>	
✓237		600	6300	<del>2000</del>	13:33		-6:04:19	3 <sup>h</sup> 24.5	
✓238		600	7LT	<del>2000</del>	26:58		-6:04:12	3 <sup>h</sup> 37 <sup>m</sup>	
✓239			6185	8400	39:59	10:26:30	-6:04:04	3 <sup>h</sup> 51 <sup>m</sup>	Smear'd image?
✓240			6250	4870	52:31		-6:03:53	4 <sup>h</sup> 01 <sup>m</sup>	
✓241		30	F	<del>13800</del>	5:06:03	10:26:31	-6:03:42	4 <sup>h</sup> 17 <sup>m</sup>	Focus 395

Telescope: 61"

Frame prefix #: FR86G

Day of Week: Fri/SAT

RA offset:

Focus:

Humdty:

Sheet #:

Observers: WW Schultz

Date MST/UT: June 6/17

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.)
✓242		90	I		5:07:46		<del>03:40</del>	4 <sup>h</sup> 19 <sup>m</sup>	
✓243	LAN 109/1863	7	I	<del>17000</del> 730	48:58	16:36:37.4	00:03:38	1 <sup>h</sup> 10 <sup>m</sup>	4-pixels Full width
✓244				<del>23000</del>	51:47			1 <sup>h</sup> 7 <sup>m</sup>	
✓245		5		<del>16200</del>	53:56			1 <sup>h</sup> 05 <sup>m</sup>	
✓246		8	R	<del>15800</del>	6:01:31			0 <sup>h</sup> 57 <sup>m</sup>	Focus 3996 5-pixels Full width
✓247			R	<del>16800</del>	03:17			0 <sup>h</sup> 55.5 <sup>m</sup>	
✓248		6	V	<del>18200</del>	04:56			0 <sup>h</sup> 54 <sup>m</sup>	
✓249				<del>17400</del>	06:28			0 <sup>h</sup> 52 <sup>m</sup>	
✓250		15	B	<del>16300</del>	08:47			0 <sup>h</sup> 50 <sup>m</sup>	
✓251				<del>18500</del>	11:17			0 <sup>h</sup> 47.5 <sup>m</sup>	
✓252	Kopff 27	240	6300	<del>10800</del> 6960	25:46	17:43:22.4	51:24:52	1 <sup>h</sup> 40 <sup>m</sup>	1.2260
✓253				<del>12200</del>	32:06			1 <sup>h</sup> 33.5 <sup>m</sup>	1.212
✓254			TLT	<del>14200</del>	37:48			1 <sup>h</sup> 28 <sup>m</sup>	1.201
✓255				<del>14000</del>	43:24			1 <sup>h</sup> 22 <sup>m</sup>	1.189
✓256		20	6185	<del>18000</del>	53:42			1 <sup>h</sup> 12 <sup>m</sup>	1.176

