

60 inch Telescope Log

Observer: T. Lappin

PI: Kenyon, Wilkes, Geller

Spectrograph: FAST

Grating: 300R, 3" slit

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Date: 12/25/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					bin by 2
11-20	BIAS					bin by 4
21-30	FLAT				6s	bin by 2
31-40	FLAT				6s	bin by 4
	no skies					H=5790 T=444
41	N7331	22:34:46.9	+34:09:43	0	2m	bin by 4
42	comp			↑		
43	Mrk 335	00:03:45.1	+19:55:27	6	1m	circus envelope, ^{small} moon halo
44	comp			↑		
45	V1329 Cyg	20:51:01.6	+35:34:54	12	2m	
46	comp			↑		
47	V1057 Cyg	20:58:53.4	+44:15:28	12	1m	
48	comp			↑		
49	AG Peg	21:51:01.9	12:37:32	12	1s	
50	comp			↑		
51	Z And	23:33:40.1	+48:49:05	12	1s	brightest star in field - cap 1d by Veri by against finder chart
52	comp			↑		
53	RAgr	23:43:49.4	-15:17:04	12	1s	no finder chart
54	comp			↑		
55	RAgr	23:43:49.4	-15:17:04	12	1s	same as 53
56	comp			↑		
57	470.026628	02:36:55.03	+11:18:55.1	3	13m	
58	comp			↑		
59	470.026704	02:23:06.00	+11:19:26.9	3	15m	
60	comp			↑		
61	470.027618	02:39:24.94	+11:22:37.3	3	15m	
62	comp			↑		
63	470.028303	02:20:14.76	+11:25:51.9	3	13m	hand guided
64	comp			↑		
65	470.029032	02:21:20.18	+11:28:51.0	3	13m	

gain 1.17
drift 9.05

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
66	comp			↑		bin by 4
67	470.030319	02:30:59.50	+11:34:34.9	3	15m	↓
68	comp			↑		
69	470.031237	02:23:13.36	+11:38:34.9	3	15m	
70	comp			↑		
71	470.031520	02:23:04.85	+11:29:35.5	3	15m	
72	comp			↑		
73	U3151SN	04:45:21.24	+11:04:02.5	2	20m	bin by 2
74	comp			↑		↓
75	U3151SN	04:45:21.24	+11:04:02.5	2	20m	↓
76	comp			↑		
77	U3151SN	04:45:21.24	+11:04:02.5	2	20m	
78	comp			↑		
79	Hiltner 600	06:42:37.2	+02:11:25	0	1m	
80	comp			↑		
81	Hiltner 600	06:42:37.2	+02:11:25	0	1m	
82	comp			↑		
83	0641p23	06:41:40.2	+23:56:56	1	15m	bin by 4
84	comp			↑		↓
85	07208p2110	07:20:48.00	+21:10:00	1	13m	↓
86	comp			↑		
87	07212p3245	07:21:13.59	+32:45:06	1	13m	
	forgot to do comp				(use	86 or 89)
88	07212p3633	07:21:14.16	+36:33:57		15m	
89	comp			↑		
90	313.036565	09:10:34.48	+28:22:30.8	3	8m	
91	comp			↑		
92	313.061012	09:09:46.73	+29:48:44.0	3	10m	hand guided
93	comp			↑		
94	313.061802	09:24:56.62	+29:51:59.8	3	8m	

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>J Lappin</u>		Grating: <u>300d, 3' slit</u>			Page: <u>4205</u>	
PI: <u>Geller /</u>		Date: <u>12/25/95</u>				
Number	Object	R. A.	Dec.	L/R	Exp	Comments
95	comp			↑		
96	313.062296	09:13:54.79	+29:55:43.2	3	10m	
97	comp			↑		
98	313.042152	09:12:54.23	+28:42:21.3	3	10m	satellite obscured by during this exposure
99	comp			↑		
100	313.042416	09:03:21.08	+28:41:44.4	3	10m	steady seeing -
101	comp			↑		
102	313.053773	09:09:21.81	+29:23:45.4	3	10m	star also in slit, hand guided
103	comp			↑		
104	313.063931	09:00:47.71	+29:57:23.7	3	8m	hand guided
105				↑		
106	313.036437	09:04:33.26	+28:20:52.6	3	20m	V. Faint, hand guided
→	sky improved some since midnight, but still hazy					
107	comp			↑		
108	M4K421	11:01:40.6	38:28:43	6	5m	
109	comp			↑		
110	313.037231	09:15:10.58	+29:24:54.4	3	20m	hand guided
111	comp			↑		
112	313.080180	09:08:37.24	+30:59:25.0	3	8m	
113	comp			↑		
114	313.083352	09:06:33.48	+31:11:21.7	3	8m	
115	comp			↑		
116	N4151	12:08:01.1	+39:41:01	6	30s	
117	comp			↑		
118	N5548	14:15:43.5	+25:22:01	6	2m	hand guided 45° elev.
119	comp			↑		
120	313.086457	09:21:10.67	+31:23:13.3	3	10m	clouds interfering
121	comp					T=38°F / H=54%
122	Feige 34	10:36:41.2	+13:21:50	0	1m	clouds interfering
123	comp			↑		

INCREASING CLOUDS MAKING OBSERVATIONS DIFFICULT
WAITING TO GET FLATS

