

60 inch Telescope Log		Spectrograph: <u>FAST</u>				Page: <u>3983</u>
Observer: <u>T. Nearty</u>		Grating: <u>600 /pm</u>				
PI: <u>J. Stauffer</u>		Date: <u>10/01/95</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					Clear
11-20	FLAT				8s	
21	55m10a (10mag)	22:51:59.8	23:15:32		60s	its got a fainter companion to the SE.
22	COMP				10s	
23	55m10b	22:51:59.8	23:15:32		600s	
24	COMP				10s	
25	55m10b	22:51:59.8			600s	
26	COMP				10s	
27	G 318	23:37:38.5	48:24:12.6		60s	throw out the spectrum <sup>maybe</sup>
28	COMP				10s	
29	G 318	23:37:38.5	48:24:12.6		120s	
30	COMP				10s	
31	55m148a	23:07:01.2	16:32:45.3		180s	
32	COMP				10s	
33	55m204a	23:12:29	17:09:45		120s	Weak Hd
34	COMP				10s	
35	55m224a	23:14:07.3	16:33:15.2		30s	
36	55m224b	23:14:07.3	16:33:15.2		1000s	
37	COMP				10s	
38	55m224a	23:14:07.3	16:33:15.2		30s	
39	COMP				10s	
40	55m216a	23:13:49	21:17:59		1200s	the mag also be on the slit <sup>maybe</sup>
41	COMP				10s	
42	55m219	23:13:02	23:45:40		30s	
43	COMP				10s	
44	55m182a	23:10:37.3	20:55:34		30s	
45	COMP				10s	
46	55m165				15s	
47	COMP				10s	
48	55m1	22:50:28.7	14:31:45.1		60s	

60 inch Telescope Log

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 PI: J. Stauffer

Spectrograph: FAST

Grating: 600 l/mm

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Date: 10/01/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
49	COMP				10s	
50	55h 4	22:50:50.5	15:28:13.0		180s	Another star is on the slit which is in the center
51	COMP				10s	
52	55h17a	22:52:19.6	15:19:41		180s	also another fainter star is on the slit
53	COMP				10s	
54	55m 37a	22:54:53	24:14:52		600s	H $\alpha$
55	COMP				10s	
56	55m18a	22:52:51	13:30:52		30s	
57	COMP				10s	
58	55m18b	22:52:51	17:30:52		900s	spectrum is not good
59	COMP				10s	
60	55m18c	22:52:51	17:30:52		900s	the secondary line sliding the slit.
61	COMP				10s	
62	55m27a	22:54:07.7	16:06:59.3		660	
63	COMP				10s	
64	55m 34a	22:54:36.4	20:20:00.0		10s	its actually 2 stars <sup>e</sup> A
65	COMP				10s	
66	55m 34a	22:54:36.4	20:20:00		30s	this is the real a
67	COMP				10s	
68	55m 34b	22:54:36.4	20:20:00		30s	this is the real b
69	COMP				10s	
70	55m 40a	22:55:56	17:25:41		600s	H $\alpha$
71	COMP				10s	
72	55m 47a	22:56:35.1	16:33:32		10s	
73	COMP				10s	
74	55m 50a	22:56:57	23:30:47		600s	H $\alpha$
75	COMP				10s	
76	55m 53a	22:57:11.8	21:25:29		1000s	500 cuts QSO
77	COMP				10s	
78	55m 54	22:57:21.2	21:06:38		900s	

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			Page: <u>3985</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
79	COMP				10s	
80	55m 72a	22:59:40.8	21:54:11		60s	
81	COMP				10s	
82	55m 79a	23:00:13.5	15:25:44		60s	
83	COMP				10s	
84	55m 82a	23:00:18.5	18:36:42		60s	
85	COMP				10s	
86	55m 85a	23:01:14	20:43:42		60s	
87	COMP				10s	
88	55m 86	23:01:12.9	19:40:25		180s	
89	COMP				10s	
90	55m 87a	23:01:23.6	20:33:17		240s	~500 counts have sig a fainter component.
91	COMP				10s	
92	55m 87a	23:01:23.6	20:33:17		240s	
93	COMP				10s	
94	55m 88	23:01:42	23:40:25		90s	
95	COMP				10s	
96	55m 93	23:02:23.7	18:20:17.2		180s	2 peaks because it moved along slit
97	COMP				10s	
98	55m 93	23:02:23.7	18:20:17.2		180s	
99	COMP				10s	
100	55m 76a	22:59:59.2	17:57:13		300	Seeing getting poor
101	COMP				10s	The wind kids picked up.
102	55m 77a	23:00:03	15:26:19		120s	
103	COMP				10s	
104	55m 77b	23:00:03	15:26:19		180s	
105	COMP				10s	
106	55m 92a	23:02:45	13:57:22		180s	~500 counts
107	COMP				10s	
108	7m 17	2:14:21	+17:04:41		120s	

## 60 inch Telescope Log

Observer: T. HeartyPI: J. StaufferSpectrograph: FASTGrating: 600 l/mmPage: 3986Date: 10/01/95

Number	Object	R.A.	Dec.	L/R	Exp	Comments
109	COMP				10s	
110	7m17	2:14:21	+17:04:41		180s	
111	COMP				10s	
112	NTISKI	4:27:11	+17:50:44		120s	
113	COMP				10s	
114	T Tau	4:21:59	+19:32:07		60s	
115	COMP				10s	
116	16m1a	3:13:16	11:33:37		30s	
117	COMP				10s	
118	16m1a	3:13:16	11:33:37		60s	
119	COMP				10s	
120	16m1a	3:13:16	11:33:37		30	
121	COMP				10s	
122	16m2a	3:14:46.6	11:27:31.6		180s	
123	COMP				10s	
122	16m2a	3:14:46.8	11:27:31.6		180s	
123	COMP				10s	
124	16m2a	3:14:46.8	11:27:31.6		180s	
125	COMP				10s	
126	16m3	3:16:08.5	11:22:36		200s	Its a binary but I
127	COMP				10s	cannot separate & 10
128	16m3	3:16:08.5	11:22:36		240s	conjecture.
129	COMP				10s	
130	16m4a	3:16:28.6	10:54:30		660s	
131	COMP				10s	
132	16m4b	3:16:28.6	10:54:30		660s	
133	COMP				10s	
134	16m6a	3:16:54	10:43:27		660s	
135	COMP				10s	
136	16m8				60s	

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
137	COMP				10s	
138	RKN1	237:28.2	-29:58:57		660s	NA
139	COMP				10s	
140	RKN4	2:36:28	-29:42:51		200s	NA
141	COMP				10s	
142	RKN4	2:36:28	-29:42:51		180s	NA
143	COMP				10s	
144	RKN7	2:38:20	-29:32:49		240s	
145	COMP				10s	
146	RKN7	2:38:20	-29:32:49		240s	
147	COMP				10s	
148	RKN8	2:38:36	-29:03:13		180s	
149	COMP				10s	
150	18m 8	4:03:55	0:23:37		60	
151	COMP				10s	
152	18m 5	4:02:35	-0:16:25		5s	
153	18m 5	4:02:35	-0:16:25		3s	
154	COMP				10s	
155	18m 1	4:01:00.2	0:22:57.2		200s	
156	COMP				10s	
157	18m 3a	4:01:22.8	1:06:53.3		900s	
158	COMP				10s	
159	G 270	7:19:29	+32:50:13		30s	
160	COMP				10s	
161	NTTSK7	4:32:09.3	+17:57:23		60s	
162	COMP				10s	
163-172	FLAT				8s	
172-181	BIAS					