

## 60 inch Telescope Log

Observer: P BerlinSpectrograph: FASTGrating: 3000Page: 6615PI: Jeff GellerDate: 10/23/98

Number	Object	R. A.	Dec.	L/R	Exp	Comments
110	DARK			0	15m	
115	DARK			0	20m	rain + clouds
16-25	BIAS			0	0s	
26-35	FLAT			0	6s	3" slit
21-45	BIAS			0	0s	
46-55	FLAT			0	12s	3" slit
54-57	BD 284211	21:48	+18:27	56	45s	clearing ~ 8pm
58	COMP			↑		
59	SN 1989g	22:39	+18:26	2	20m	
60	COMP			↑		
61	COMP			↓		1.1" slit ↓
62-67	HU 1907p09	19:09	+10:49	104	15m	clouds
64	- COMP			↑		
66-67	HD 230579	19:04	+11:06	104	10s	
68	COMP			↑		
69-76	FLAT			104	20s	n.e.
77	EGJS. 1011343	01:13	+10:01	55	12m	3" slit ↓ w/c; ok
78	COMP			↑		↑ clouds + fog; stop
79	E 1274.106187	00:47	+14:09	55	10m	open again
80	COMP			↑		
81	E 1274.15	01:03	+14:01	55	6m	
82	COMP			↑		
83	E-635.103	01:24	+09:59	55	4m	
84	COMP			↑		
85	E-635.103	1:26	+09:54		8m	clouds
86	COMP			55		
87	E-1201.129	1:24	+09:42		2m	
88	COMP			55		

60 inch Telescope Log

Observer: PB James Mazurk

PI: Geller & Korshner

Spectrograph: FAST

Grating: 300R

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
89	E-15.143	01:54	+13:33	SS	3m	
90	COMP			↑	5s	
91	E-15.136	01:40	+13:33	SS	5m	
92	COMP			↑		
93	SN198dk	00:	-	Z	<del>20</del>	4m stopped by clouds
94	COMP			↑		
95	E209.111001	01:57	+14:32	SS	7m	
96	COMP			↑		
97	E209.1558	01:55	+10:00	SS	10m	
98	COMP			↑		
99	E1274.201462	00:59	+13:34	SS	5m	
100	COMP			↑		
101	E1274.167	00:56	+13:51	SS	5m	
102	COMP			↑		
103	E1274.15	01:04	+14:04	SS	8m	
104	COMP			↑		
105	SN198cf	01:03	+12:14	Z	12m	more clouds
106	COMP			↑		
107						1200R; 1.1" slit; filt-345 ↓
108-109	<del>NCTTSm1</del>				7m	6m by 4 - junk it.
	COMP				10s	
111	NCTTSm2					bin by 2 ↓
112	COMP					
113-114	HD9746	01:36	+48:43	101	5s	Li Strong
115	COMP			↑		
116	NCTTSm1	03:50	+30:42	101	3m	
117	COMP			↑		
118	NCTTSm4	03:54	+34:55	101	7m	Li
119	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6617</u>
Observer: <u>PB</u>		Grating: <u>1200L, 1.1"517</u>		Date: <u>10/23/98</u>		
PI: <u>Torres</u>						
Number	Object	R. A.	Dec.	L/R	Exp	Comments
120	NCTTS.m3	03:53	+32:43	101	3m	Li
121	COMP			↑		
122	NCTBSmS	03:56	+33:22	101	8m	Li
123	COMP			↑		
124	6	03:57	+34:58	101	90s	Li
125	COMP			↑		
126	7	03:58	+33:51	101	4m	Li
127	COMP			↑		
128	8	03:58	+35:03	101	2m	
129	COMP			↑		
130	9	03:59	+32:29	101	8m	Li
131	COMP			↑		
132	10	04:02	+34:40	101	4m	
133	COMP			↑		
134	11	04:07	+34:13	101	10m	Li ; H $\alpha$ em
135	COMP			↑		
136	12S	04:07	+33:56	101	21m	close N-S pair
137	12N	04:07	+33:58	101	6m	poor sep.
138	COMP			↑		
139	13	04:07	+35:27	101	1m	Li wk.
140	COMP			↑		
141	14	04:08	+38:25	101	5m	Li
142	COMP			↑		
143	15	04:11	+37:26	101	3m	Li
144	COMP			↑		
145	16	04:15	+32:20	101	6m	dl pea H $\alpha$ em
146	COMP			↑		
147	17	04:15	+34:40	101	3m	Li
148	COMP			↑		

<p><b>60 inch Telescope Log</b></p> <p>Observer: <u>PB</u></p> <p>PI: <u>Torres</u></p>	<p>Spectrograph: <u>FAST</u></p> <p>Grating: <u>1200L</u></p> <p>Date: <u>10/23/98</u></p>
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
149	NCTTS-18	04:16	+33:25	101	8m	
150	COMP			↑		more clouds
151	19	04:16	+38:08	101	8m	
152	COMP			↑		
153	20	04:17	+20:15	101	5m	
154	COMP			↑		
155	21	04:18	+78:36	101	6m	
156	OMP			↑		
157	22	04:18	+54:32	101	3m	
158	COMP			↑		RT system crash
159	23	04:19	+29:55	101	10m	
160	COMP			↑		
161	24	04:20	+31:23	101	5m	Li
162	COMP			↑		
163	25	04:21	+30:47	101	7m	+ to E
164	COMP			↑		
165	26	04:26	+58:45	101	90s	Li
166	COMP			↑		
167	27	04:27	+30:58	101	12m	H-alpha wk Liwk
168	COMP			↑		
169	28	04:30	+74:58	101	2m	
170	COMP			↑		
171	29	04:33	+76:09	101	4m	Li
172	COMP			↑		
173	30	04:36	+37:55	101	12m	
174	COMP			↑		
175	31	04:37	+74:06	101	5m	Li strong
176	COMP			↑		
177	32	04:43	+34:16	101	12m	Li
178	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Torres

Spectrograph: FAST

Grating: 12000

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
179	NCTTS_33	04:44	+76:51	101	4m	
180	COMP			↑		
181	34	04:47	+78:30	101	3m	
182	COMP			↑		
183	35	04:47	+76:57	101	5m	Li H <sub>α</sub> em
184	COMP			↑		
185	36	04:49	+78:36	101	2m	
186	COMP			↑		(#37 identical to #36)
187	38	04:50	+79:42	101	6m	wk. reds
188	COMP			↑		
189	39	04:52	+76:59	101	2m	Li
190	COMP			↑		
191	40	04:52	+77:16	101	1m	Li
192	COMP			↑		
193	41	04:54	+78:50	101	2m	
194	COMP			↑		
195	38	04:50	+79:42	101	10m	reds of #187 H <sub>α</sub> , wli
196	COMP			↑		
197-199	TISORE 27	05:22	+02:47	101	10s	
200	COMP			↑		
201-202	Hiltner 60	06:42	+02:11	101	90s	Massey Std.
203	COMP			↑		
204-205	HDS 0831	04:52	+76:52	101	2s	
206	COMP			↑		
207	NCTTS-45	04:58	+78:76	101	2m	
208	COMP			↑		
209-210	46	05:04	+33:52	101	1m	
211	COMP			↑		
212-214	47S	05:06	+75:09	101	1m 2m	S+
213	47N	05:06	+75:10	101	4m	N+

