

60 inch Telescope Log		Spectrograph: <u>FAST</u>				Page: <u>5762</u>
Observer: <u>P. Berland</u>		Grating: <u>300</u>				
PI: <u>All</u>		Date: <u>11/6/97</u>				
Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-5	DARK			0	15m	bin by 4
6-10	DARK			0	15m	bin by 2
11-20	BITS			0	0s	
21-30	FLAT			0	6s	
31-40	BITS			0	0s	
41-50	FLAT			0	12s	clouds all over
51-55	sky			56	2s	
56	COMP			r		
57-62	HD 190918 Nas	20:05	+35:47	57	3s	
63	COMP			r		
64-66	HD 191139	20:07	+36:24	57	3s	
67	COMP			r		
68-70	HD 227757	20:07	+76:21	57	3s	
71	COMP			r		
72-74	HD 191201	20:07	+75:13	57	3s	
75	COMP			r		
76-78	HD 191226	20:07	+76:27	57	3s	
79	COMP	20:10:48	40:07:01	r		
80-82	HD 192281	20:10	+110	57	3s	
83	COMP			r		
84-85	CFEgy	19:50	+35:41	12	1.5, 40s	
86				r		
87-88	BDp 28211	21:48	+28:37	56	40s	
89	COMP			r		quad sucker hole
90-91	ZAND	23:33	+48:49	12	1/2, 15s	
92	COMP			r		
93-94	N 7331	22:31	+34:09	56	4m	
95	COMP			r		
96	N 7469	23:05	+06:52	6	2m	stopped by clouds
97	COMP			r		close.

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>5763</u>	
Observer: <u>PB</u>			Grating: <u>3002</u>			
PI: <u>Geller</u>			Date: <u>11/6/97</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
98	582.069540	23:19	+08:15	SS	10m	open again @ 10 pm
99	COMP			↑		clearing...
100	582.067475	23:21	+08:10	SS	10m	HA
101	COMP			↑		
102	582.063212	23:20	+07:55	SS	10m	
103	COMP			↑		
104	582.063112	23:07	+07:55	SS	8m	
105	COMP			↑		
106	582.070518	23:20	+08:21	SS	6m	
107	COMP			↑		
108	582.072741	23:07	+08:29	SS	5m	
109	COMP			↑		
110	582.073724	23:18	+08:23	SS	5m	
111	COMP			↑		
112	582.074760	23:24	+08:26	SS	4m	
113	COMP			↑		
114	582.077141	23:27	+08:45	SS	4m	
115	COMP			↑		
116	582.077485	23:31	+08:46	SS	5m	
117	COMP			↑		
118	582.079520	23:26	+08:47	SS	15m	more clouds ; HA pil 2005
119	COMP			↑		many big cosmic rays too
120	582.080716	23:24	+08:59	SS	12m	emf; + to W
121	COMP			↑		
122	582.083091	23:11	+09:07	SS	5m	
123	COMP			↑		
124	582.083624	23:10	+09:08	SS	5m	
125	COMP			↑		
126	582.085652	23:22	+09:16	SS	8m	
127	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: Greller

Spectrograph: FAST
 Grating: 302
 Date: 11/6/97

Page: 5764

Number	Object	R. A.	Dec.	L/R	Exp	Comments
128	S82.066806	25:21	+04:20	SS	10m	wkcm
129	CMP			↑		
130	S29.02482	02:16	+05:11	SS	8m	
131	CMP			↑		
132	S29.023578	02:10	+05:21	SS	8m	
133	CMP			↑		
134	S29.026232	01:59	+05:30	SS	8m	
135	CMP			↑		
136	S29.026835	02:18	+05:33	SS	9m	
137	CMP			↑		
138	S29.035821	02:10	+06:10	SS	9m	
139	CMP			↑		
140	S29.036310	02:14	+06:18	SS	9m	
141	CMP			↑		
142	S29.040275	02:04	+06:38	SS	7m	emt
143	CMP			↑		
144	S29.040593	02:09	+06:39	SS	9m	
145	CMP			↑		
146	S29.042041	01:57	+06:46	SS	9m	
147	CMP			↑		
148	S29.053548	01:56	+07:14	SS	9m	
149	CMP			↑		
150	S29.059865	01:57	+07:18	SS	9m	
151	CMP			↑		
152	S29.054399	02:19	+07:49	SS	9m	
153	CMP			↑		
154	S29.055076	02:18	+07:52	SS	9m	
155	CMP			↑		
156	S29.08426	02:15	+07:55	SS	10m	
157	CMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		
Observer: <u>PB</u>				Grating: <u>30R</u>		Page: <u>5765</u>
PI: <u>Huckra et al</u>				Date: <u>11/6/97</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
158	SZ9261180	02:18	+08:25	55	10m	
159	COMP			f		
160-161	AXPer	01:24	+54:15	12	3, 70s	
162	COMP			f		
163	AP5127	03:07	+20:12	43	20m	empix 2160!! wk
164	COMP			f		
165	AP5132	03:15	+20:20	43	20m	em
166	COMP			f		
167	AP5136	03:11	+20:17	43	20M	wk empix 2340
168	COMP			f		
169	AP5137	03:11	+20:18	43	20m	em 2400
170	COMP			f		
171	AP5143	03:36	+20:32	43	17m	em
172	COMP			f		
173	AP5142	03:54	+20:50	43	15m	wk but good em @ pix 2200
174	COMP			f		
175	AP5151	03:53	+20:19	43	15m	em wk em H ₂ 200
176	COMP			f		
177	SN1997do	07:26	+17:05	2	15m	bmbp 2
178	COMP			f		
179	07070p649	07:07	+86:19	43	15m	large LSBga! em chky
180	COMP			f		
181	07220p648	07:22	+64:55	43	10m	em
182	COMP			f		
183, 184	DGTan	04:27	+76	12	10, 90	
185	COMP			f		
186-187	DLTan	04:33	+75	12	10, 150	
188	COMP			f		
189-190	DRTan	04:47	+76	12	10, 75	
191	COMP			f		

60 inch Telescope Log

Observer: PB
 PI: A11

Spectrograph: FAST
 Grating: 30R
 Date: 11/6/97

Page: 5766

Number	Object	R.A.	Dec.	L/R	Exp	Comments
192	SN1997dq	11:40	+11:28	2	9m	bunby 2
193	COMP			↑		
194-195	N4151	12:06	+39:41	6	30s	WED
196	COMP			↑		
197-199	For 34	10:36	+43:21	56	90% _{0.5}	
200	COMP			↑		
201-203	HD 75959	08:36	+64	57	2s	scattered clouds
201	COMP			↑		→ dawn
205-207	HD 82635	09:34	+76	57	0.5s	
208	COMP			↑		
209-211	HD 67228	08:07	+71	57	1s	
212	COMP			↑		
213-212	BIAS			0	0s	
213-212	FLAT			0	6s	
213-212	BIAS			0	0s	bunby 2
213-212	FLAT			0	12s	bunby?
						End of FAST Run
						~