

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6822</u>
Observer: <u>PB</u>				Grating: <u>3002</u>		
PI: <u>All</u>				Date: <u>12/27/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				6s	
31-40	BIAS				0s	
41-50	FLAT				12s	thin clouds all over
51-55	sky			S7	2s	bright moon
56	WMP			↑	5s	
57-59	HD 223385	23.48	62.12	S7	2s	
60	WMP			↑		
61-63	HD 222275	22.38	62.08	S7	2s	
64	WMP			↑		
65-67	HD 21967X	22.09	49.39	S7	5s	
68	WMP			↑		
69-71	HD 217470	22.70	57.13	S7	2s	
72	WMP			↑		
73-75	HD 239978	22.70	57.10	S7	2s	
76	WMP			↑		
77-79	HD 239960	22.24	57.42	S7	5s	
80	WMP			↑		
81-83	HD 212044	22.70	51.51	S7	2s	
84	WMP			↑		
85-87	HD 217056			S6	3s	
88	WMP			↑		
89-90	M32	02.39	40.35	S7	30s	
91	WMP			↑		
92	225m250	00H1	41.05	S7	5m	
93	WMP			↑		
94	21015712.0	01.53	43.23	S8	6m	
95	WMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6823</u>
Observer: <u>PB</u>				Grating: <u>3002</u>		
PI: <u>Huchra</u>				Date: <u>12/27/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
96	ZM015407.3	01:54	+40:16	68	6m	ok
97	COMP			↑		
98	SDSS J015407.3-292	23:26	+02:09	73	20m	quick look for GRB981226
99	COMP			↑		↳ bmbg 2; PA=70 per!
100	ZM015126.5	01:51	+30:50	68	15m	PA=90
101	COMP			↑		
102	ZM015104.2	01:51	+32:25	68	15m	
103	COMP			↑		
104	ZM015154.2	01:53	+31:18	68	12m	
105	COMP			↑		
106	ZM015124.7	01:51	+40:42	68	6m	
107	COMP			↑		
108	ZM015506.4	01:58	+41:27	68	6m	
109	COMP			↑		
110-112	Calan	04:14	+58:59	107	2s, 20s, 90s	
113	COMP			↑		
114	ZM035150.5	03:51	+13:42	68	5m	
115	COMP			↑		
116	ZM035906.0	03:59	+21:35	68	4m	
117	COMP			↑		
118	ZM035026.7	03:50	+18:49	68	4m	
119	COMP			↑		
120	ZM035852.4	03:25	+31:45	68	4m	
121	COMP			↑		
122	ZM035047.4	03:50	+16:51	68	6m	
123	COMP			↑		
124	ZM035345.2	03:28	+13:49	68	10m	bmbg 2; +bE
125	COMP			↑		
126	ZM032125.9	03:21	+18:06	68	5m	
127	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6824</u>
Observer: <u>PB</u>				Grating: <u>302</u>		
PI: <u>Geller</u>				Date: <u>12/27/98</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
128	ZM055009.9	03:50	+34:29	68	5m	
129	COMP			↑		
130	ZM055320.7	03:57	+31:32	68	5m	
131	COMP			↑		
132	ZM055429.7	03:43	+15:37	68	8m	t's to W em
133	COMP			↑		
134	ZM055259.0	03:52	+15:38	68	5m	
135	COMP			↑		
136	Q539.051902	05:19	+02:01	64	12m	
137	COMP			↑		
138	Q539.051909	05:19	+02:08	64	9m	
139	COMP			↑		
140	Q539.051933	05:19	+02:28	64	10m	t to E
141	COMP			↑		
142	Q539.051935	05:19	+02:31	64	15m	t's to E+W
143	COMP			↑		
144	Q539.051948	05:19	+02:33	64	20m	em
145	COMP			↑		
146	Q539.051953	05:19	+02:54	64	15m	
147	COMP			↑		
148	Q539.052515	05:25	+04:33	64	5m	
149	COMP			↑		
150	Q539.052537	05:25	+05:29	64	8m	
151	COMP			↑		
152	Q539.052546	05:25	+05:51	64	20m	em
153	COMP			↑		
154	Q539.052558	05:25	+07:59	64	12m	
155	COMP			↑		
156	Q539.052652	05:26	+04:51	64	10m	
157	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Geller

Spectrograph: FAST

Grating: 3002

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Date: 12/27/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
158	a539.052655	05:26	+04:28	64	10m	
159	COMP			↑		
160	a539.052733	05:27	+07:17	64	10m	
161	COMP			↑		
162	a539.052735	05:27	+06:55	64	6m	
163	COMP			↑		
164	a539.052735	05:27	+07:21	64	12m	
165	COMP			↑		
166	a539.052804	05:28	+07:57	64	15m	
167	COMP			↑		
168	a539.052800	05:28	+05:36	64	15m	
169	COMP			↑		
170	a539.052811	05:28	+03:55	64	15m	gal @ rows 41-43 only em-ok. bright* to SE much scattered light
171	COMP			↑		
172	a539.052827	05:28	+03:44	64	6m	
173	COMP			↑		
174	a539.052628	05:26	+09:09	64	15m	
175	COMP			↑		
176	a539.052727	05:27	+07:28	64	20m	
177	COMP			↑		
178-9	A053Sp26	05:28	+26:18	104	30s	1.1" slit ↓
180	COMP			↑		
181-2	H139478	05:28	+26:25	104	10s	
183	COMP			↑		
184	B6Gen	06:03	+27:41	100	5m	3" slit ↓
185	COMP			↑		
186	SN1998Fg	06:44	+41:25	2	20m	
187	COMP			↑		
188-189	Farp34	10:36	+43	86	90s	
190	COMP			↑		

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6826</u>
Observer: <u>PO</u>		Grating: <u>300R</u>		Date: <u>12/27/98</u>		
PI: <u>Andi & Dan</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
191	Angs 027.018	09:14	+17:09	S9	10m	
192	WMP			T		
193	050	09:14	+16:48	S9	8m	A * to E
194	WMP			T		
195	051	09:14	+17:23	S9	15m	
196	WMP			T		
197	055	09:15	+17:02	S9	10m	
198	WMP			T		
199	058	09:15	+18:26	S9	10m	
200	WMP			T		
201	059	09:15	+17:33	S9	10m	
202	WMP			T		
203	061	09:15	+17:42	S9	5m	
204	WMP			T		
205	063	09:15	+17:38	S9	4m	
206	WMP			T		
207	064	09:15	+17:34	S9	10m	
208	WMP			T		
209	065	09:17	+17:11	S9	5m	
210	WMP			T		
211	MKW 2.025	10:25	-03:20	35	10m	
212	WMP			T		
213	026	10:26	-03:15	35	8m	
214	WMP			T		
215	033	10:27	-02:38	35	6m	
216	WMP			T		
217	034	10:27	-03:03	35	8m	
218	WMP			T		
219	035	10:27	-03:07	35	6m	
220	WMP			T		

60 inch Telescope Log

Observer: AB
 PI: Dan.

Spectrograph: FAST

Grating: 300R

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
221	MKW2-036	10:30	-03:15	35	5m	
222	WMP			↑		
223	039	10:27	-03:24	35	10m	
224	WMP			↑		
225	038EW	10:29	-03:22	35	8m	bin by 2; close E-W pair
226	WMP			↑		
227	039	10:25	-02:54	35	8m	
228	WMP			↑		
229	044	10:25	-03:55	35	6m	em + cosmic
230	WMP			↑		
231	MRK424	11:01	+78:28	6	5m	
232	WMP			↑		Seeing worse
233	N4151	12:06	+34:41	6	30s	
234	WMP			↑		
235	N5546	14:25	+25:22	6	3m	
236	WMP			↑		
237-8	H244	13:21	+18:23	56	2m	
239	WMP			↑		
240-242	HD 90444	10:23	-04:04	57	2s	
243	WMP			↑		
244-246	HD 90994	10:25	-00:38	57	2s	
247	WMP			↑		
248-250	HD 91346	10:32	04:18	57	2s	
251	WMP			↑		
252-254	HD 10206	11:51	+20:45	57	5s	
255	WMP			↑		
256-258	HD 100764	11:35	+14:35	57	5s	
259	WMP			↑		★ End of FAST Run;
260-269	BIAS			0	0s	clear & dark
270-271	FLAT			0	6s	

280-289
 290-299
 300-309

BIAS
 FLAT
 FLAT

0
 12s
 20s -1.1" slit